STRUCTURES

082-0004 - POPLAR ST. BRIDGE - ORTHOTROPIC - 5 SPAN
LIMITS - RIVER PIER #1 TO RIVER PIER #6

082-0005 - 82-3 VB - 6 SPAN CONTINUOUS, MULTI BEAM, PLATE GIRDER
LIMITS - RIVER PIER #6 TO PIERS A1, BC1, AND D1

Start 2-GIRDER "POPLAR STREET COMPLEX"

082-0141 - RDWY "A" 45 SPAN 13TH ST. NORTH TO (C.D. WB)
LIMITS - PIER A-1 ----- ABUT. A-46

082-0252 - RDWY "B" 28 SPAN MAINLINE WEST BOUND
LIMITS - PIER B-1 ----- ABUT. B-29

082-0251 - RDWY "C" 28 SPAN MAINLINE EAST BOUND
LIMITS - PIER C-1 ----- ABUT. C-29

082-0144 - RDWY "D" 45 SPAN ST. LOUIS TO 13TH ST. (C.D. EB)
LIMITS - PIER D-1 ----- ABUT. D-46

082-0205 - RDWY "E" 10 SPAN TO ILL.-3 SB
LIMITS - PIER O-17. O-18. E-1 ----- ABUT. E-9

082-0204 - RDWY "F" 12 SPAN FROM ILL.-3 NB TO RAMP "P" EAST
LIMITS ABUT. F-1 ----- F-12 TO PIER P-1

082-0254 - RDWY "G" 13 SPAN (C.D. WB)
LIMITS - ABUT. G-14 ----- PIER G-1

082-0256 - RDWY "H" 4 SPAN (C.D. EB)
LIMITS - PIER H-1 ----- ABUT. H-5

082-0145 - RAMP "M" 15 SPAN ILL.-3 TO W.B. CD
LIMITS - PIER P-1 TO ABUT. M-1 ----- PIER M-14 TO A-5

082-0202 - RAMP "N" 8 SPAN EB CD TO ILL-3 SOUTH
LIMITS - PIER D-11 TO N-1 ----- N-7 T0 0-17

082-0201 - RAMP "O1" 10 SPAN WB CD TO ILL.-3 SOUTH
LIMITS - PIER G-1 TO O-1 ----- ABUT. 0-10

082-0143 - RAMP "O2" 6 SPAN WB CD TO ILL.-3 SOUTH
LIMITS - ABUT. O-11 ----- PIER O-17

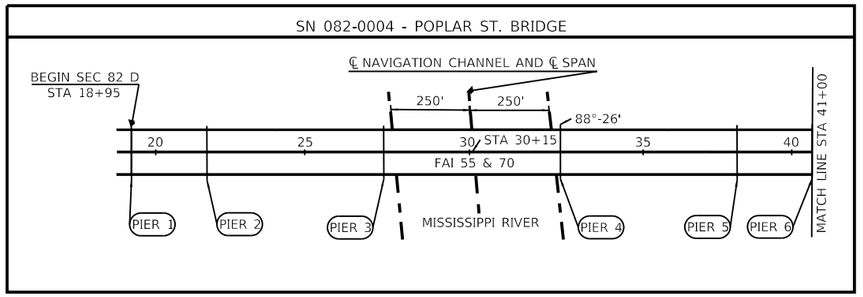
082-0203 - RAMP "P" 15 SPAN RTE. ILL.-3 TO EB CD
LIMITS - PIER P-1 ----- P-15 TO H-1

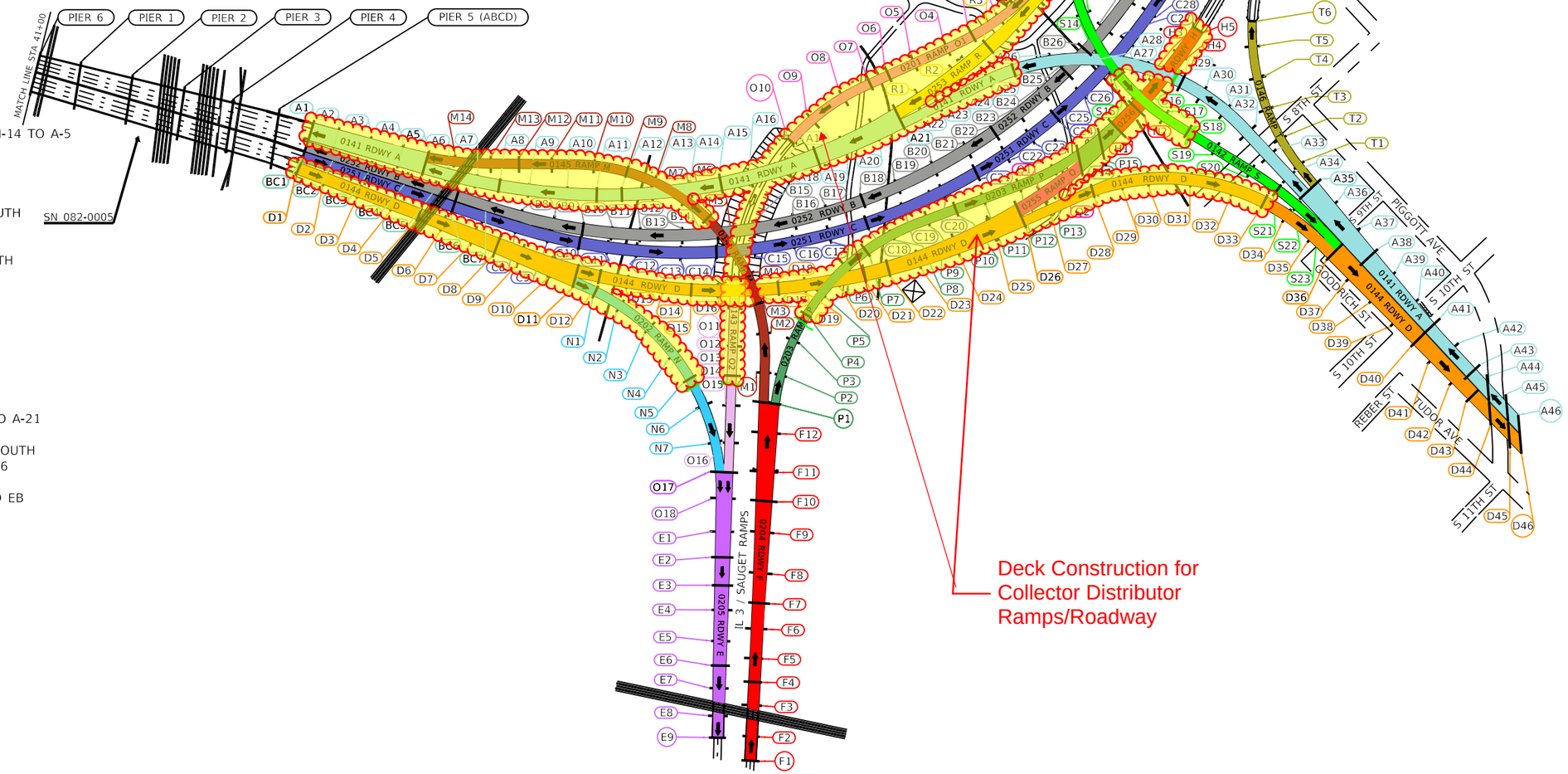
082-0255 - RAMP "Q" 3 SPAN EB CD
LIMITS - PIER D-26 TO Q-1 TO Q-2 TO P-14

082-0253 - RAMP "R" 6 SPAN WB CD
Limits - PIER G-1 TO O-1 TO R-4 ----- R-1 TO A-21

082-0142 - RAMP "S" 24 SPAN WB CD TO 13TH ST. SOUTH
LIMITS - PIER G-12 TO S-1 ----- S-23 TO D-36

082-0146 - RAMP "T" 6 SPAN 13TH ST. NORTH TO CD EB
LIMITS - PIER A-35 TO T-1 ----- ABUT. T-6





LEGEND

- ABUTMENT
- DIRECTION OF TRAFFIC
- PIER

MODEL: $MODELNAME$
FILE NAME: $FILE$

USER NAME = HEPPJD	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 11/14/2018	DATE -	REVISED -	

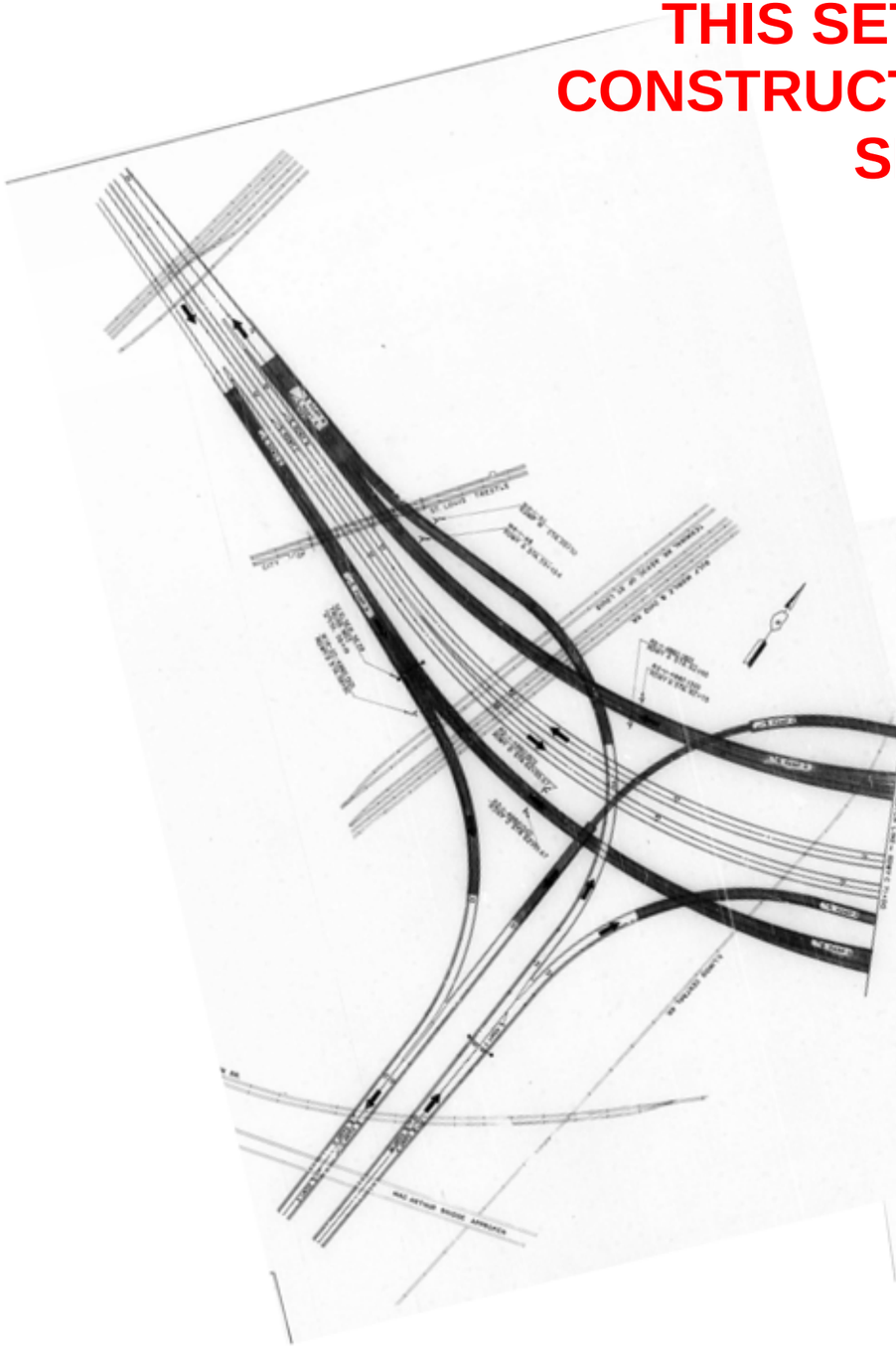
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

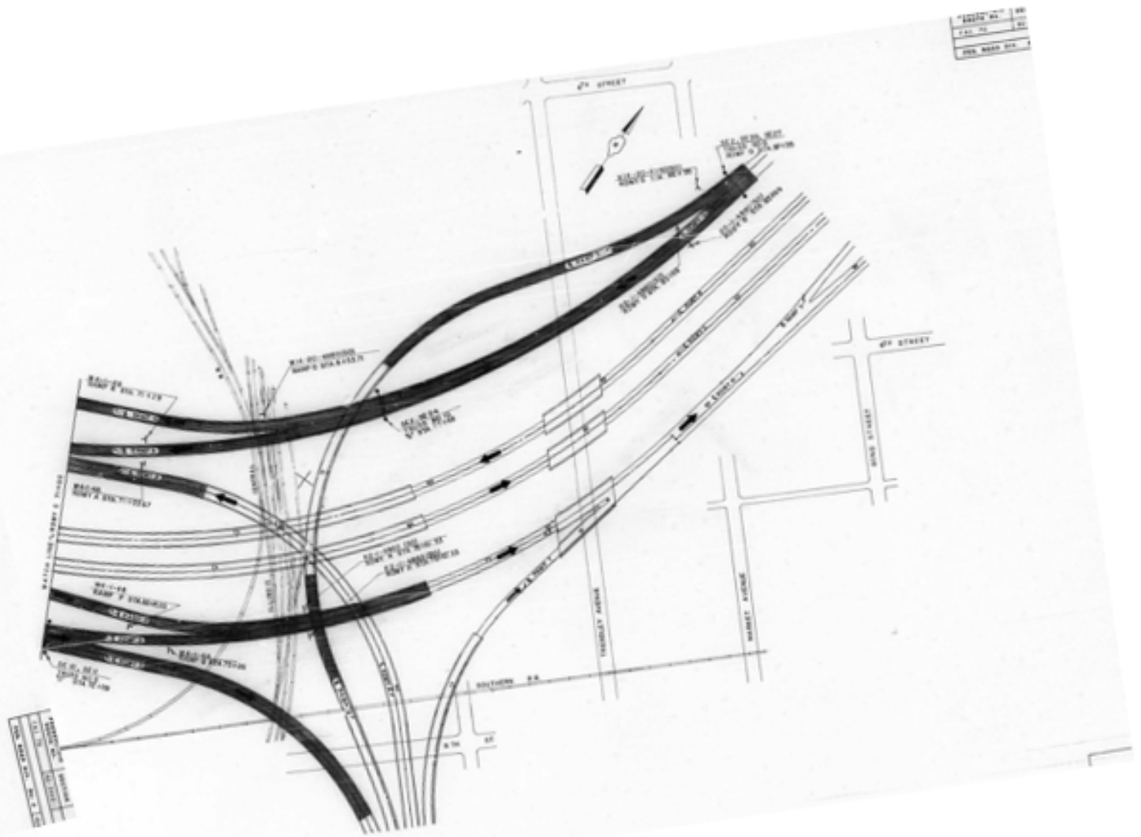
POPLAR STREET COMPLEX

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ST CLAIR	1	1
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

THIS SET CONTAINS ORIGINAL CONSTRUCTION DETAILS FOR DECKS SHOWN SHADED.





ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	1
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT I-IG-70-1(82)0		

P-98-087-00

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

F.A.I. ROUTE 70 SECTION 82-3HVD-1

PROJECT I-IG-70-1(82)0

POPLAR STREET BRIDGE APPROACHES

ST. CLAIR COUNTY

C-98-033-65

DESCRIPTION OF PROJECT:

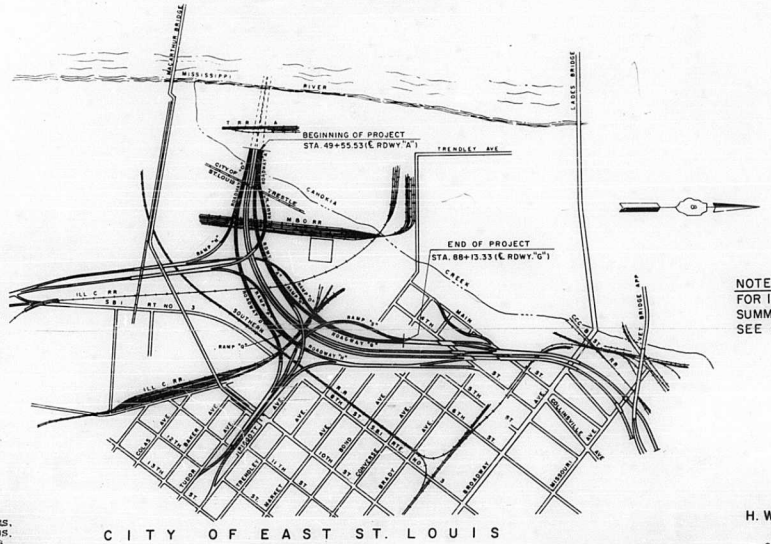
SECTION 82-3HVD-1 INCLUDES THE COMPLETE CONSTRUCTION OF THE REINFORCED CONCRETE DECK SLAB FOR THE FOLLOWING:

ROADWAY A	TWO 4-SPAN CONTINUOUS UNITS SPANS: 1 EACH @ 83-5 5/8, 106'-106'-83; 87'-110'-110'-87'
	FIVE 3-SPAN CONTINUOUS UNITS SPANS: 2 @ 97'-124'-97' 1 EACH @ 75'-96'-75' 95'-122'-95' 89'-114'-89'
	ONE SIMPLE SPAN - 80'
ROADWAY D	TWO 4-SPAN CONTINUOUS UNIT SPANS: 1 @ 90 - 7 9/16, 115'-115'-90' 1 @ 100'-128'-128'-100'
	ONE 5-SPAN CONTINUOUS UNIT SPANS: 107'-137'-137'-137'-107'
	FIVE 3-SPAN CONTINUOUS UNITS SPANS: 2 @ 85'-108'-85' 2 @ 81'-105'-81' 1 @ 90'-115'-90'
	ONE 2-SPAN CONTINUOUS UNIT SPANS: 89-6, 89-6
	TWO SIMPLE SPANS SPANS 1 @ 74' 1 @ 78'
ROADWAY G	TWO 4-SPAN CONTINUOUS UNITS SPANS: 1 @ 88'-113'-113'-88' 1 @ 87'-110'-110'-87'
	ONE 3-SPAN CONTINUOUS UNIT SPANS: 90'-116'-90'
	ONE 2-SPAN CONTINUOUS UNIT SPANS: 76'-76'
ROADWAY H	ONE 3-SPAN CONTINUOUS UNIT SPAN: 97'-124'-97'
	ONE SIMPLE SPAN - 88'
RAMP M	THREE 3-SPAN CONTINUOUS UNITS SPANS: 1 @ 90'-115'-90' 1 @ 105'-134'-105' 1 @ 90'-115'-85-10 11/16
RAMP N	ONE 4-SPAN CONTINUOUS UNIT SPANS: 90'-115'-115'-90'
	ONE SIMPLE SPAN - 73-3 5/16
RAMP O	FOUR 3-SPAN CONTINUOUS UNIT SPANS: 1 @ 97 - 5 3/4, 130'-101' 1 @ 90'-115'-90' 1 @ 95'-121'-95' 1 @ 94'-120'-94'
	ONE SIMPLE SPAN - 65'
RAMP P	ONE 4-SPAN CONTINUOUS UNIT SPANS: 94'-121'-121'-94'
	TWO 3-SPAN CONTINUOUS UNIT SPANS: 1 @ 81'-115'-81' 1 @ 96'-122'-96'
	TWO SIMPLE SPANS 1 @ 88' 1 @ 69'
RAMP Q	ONE 3-SPAN CONTINUOUS UNIT SPANS: 75-2 7/8, 98'-76'
RAMP R	TWO 3-SPAN CONTINUOUS UNITS SPANS 1 @ 104-4 5/16, 1 @ 106 1 @ 101'-130'-10.'
RAMP S	ONE 4-SPAN CONTINUOUS UNIT SPANS: 85'-108'-108'-85'
	THREE 3-SPAN CONTINUOUS UNIT SPANS: 1 @ 73-2 7/8, 95'-74' 1 @ 69'-97'-69' 1 @ 88'-113'-88'

THE POPLAR STREET BRIDGE APPROACHES FOR THIS SECTION CARRY THE FOLLOWING:

ROADWAY A OVER THE TRACKS OF THE TERMINAL R.R. ASSOCIATION, GULF, MOBILE AND OHIO, AND ILLINOIS CENTRAL RAILROADS AND RAMP Q;
ROADWAY D OVER THE TRACKS OF THE TERMINAL R.R. ASSOCIATION, GULF, MOBILE AND OHIO, ILLINOIS CENTRAL AND SOUTHERN RAILROADS, RAMP O AND ILLINOIS ROUTE 3;
ROADWAY G OVER TRENDLEY AND PIGGOTT AVENUES;
ROADWAY H OVER THE ILLINOIS CENTRAL RAILROAD;
RAMP M OVER ROADWAY A AND THE TRACKS OF THE TERMINAL R.R. ASSOCIATION AND THE GULF, MOBILE AND OHIO RAILROADS;
RAMP N OVER THE TRACKS OF THE TERMINAL R.R. ASSOCIATION AND GULF, MOBILE AND OHIO RAILROAD;
RAMP O OVER THE ILLINOIS CENTRAL RAILROAD;
RAMP P OVER ROADWAY D, FUTURE ACCESS ROADS AND THE ILLINOIS CENTRAL RAILROAD;
RAMP Q OVER THE ILLINOIS CENTRAL RAILROAD;
RAMP R OVER THE ILLINOIS CENTRAL RAILROAD AND A FUTURE ACCESS ROAD;
RAMP S OVER TRENDLEY AVENUE AND ROADWAY H.

THIS SECTION ALSO INCLUDES THE INSTALLING AND TESTING OF COMPLETE HIGHWAY LIGHTING SYSTEMS, THE FURNISHING AND ERECTING OF HIGHWAY SIGNS, THE FINISH GRADING, THE PAVING, FIELD PAINTING ALL STRUCTURAL STEEL, AND ALL APPURTENANT AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS.





APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Engineer of Bridges & Traffic Structures

NOTE:
FOR INDEX OF SHEETS AND SUMMARY OF QUANTITIES SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

SUBMITTED	11-30, 1965 Robert E. Kraft
EXAMINED	5-9, 1967 Wm Rudolph
PASSED	5-9, 1967 W E Baumann
APPROVED	5-9, 1967
APPROVED	5-9, 1967 Francis D Lamb

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

LENGTH OF PROJECT
4261.16 FT. = .807 MILES

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

2259
Aug. 27, 1965

CONTRACT NO. 25092

ST. CLAIR COUNTY SECTION 82-3HVD-1 F.A.I. ROUTE 70 PROJECT I-IG-70-1(78)0

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	2
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

INDEX OF SHEETS
SECTION 82-3HVD-1

SHEET NO.	TITLE
1	TITLE SHEET
2	INDEX OF SHEETS, SUMMARY OF QUANTITIES, GENERAL NOTES
3	RAMP O - PLAN AND PROFILE
4 AND 5	APPROACH SLABS
6 THRU 18	ELECTRICAL PLANS AND DETAILS
19 AND 20	PLAN OF FENCE AND GUARD RAIL
21 AND 22	PLAN OF EXISTING CONDITIONS AND UTILITIES
23 THRU 27	RIGHT OF WAY PLANS (FOR INFORMATION ONLY)
28	LIST OF BENCH MARKS, TIES TO TRAVERSE LINE AND GENERAL PLAN OF TRAVERSE LINE
29 THRU 33	ALIGNMENT PLANS
34 THRU 36	LIST OF COORDINATE POINTS AND DESCRIPTIONS
37 THRU 43	SIGNING PLANS AND DETAILS
44 THRU 53	OVERHEAD SIGN STRUCTURES
54	KEY PLAN, GENERAL NOTES AND BILL OF MATERIAL
55 THRU 59	GENERAL PLANS
60 THRU 78	PLAN AND ELEVATION
79 THRU 87	GEOMETRIC LAYOUTS
88 THRU 139	SLABS
140 THRU 177	PARAPET AND HANDRAIL
178	ALUMINUM HANDRAIL
179 THRU 235	TABLES OF ELEVATIONS
236	SIGN BRACKET
237 THRU 239	EXPANSION DEVICES
240 THRU 243	ABUTMENT DETAILS (SHEET 377 THRU 380 OF 526)
244	STD. 2138-5
245A	" 2231-2114
246	" 2148-4
247	" 2177-3
248	" 2167-2
249	" 2141-8
250	" 2140-4
251	" 2180-2
252	" 2151-9
253	" 2147-3
254	2224-3
255	2225-2

INDEX OF SHEETS CONT.

SHEET NO.	TITLE
256	STD. 2230-2
257	STD. 2235
258	STD. 2237-1
258A	STD. 2208-2

GENERAL NOTES

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 2, 1958, AND THE SUPPLEMENTAL SPECIFICATIONS EFFECTIVE JANUARY 3, 1966, AND THE SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY SIGNING EFFECTIVE MARCH 1, 1963 AND THE STANDARD SPECIFICATIONS FOR TRAFFIC SIGNALS, ADOPTED JUNE 1, 1959 SHALL GOVERN THIS CONSTRUCTION.

ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE PROFILE GRADE LINE REFERS TO THE GRADE ELEVATION AT THE POINT SHOWN ON THE TYPICAL SECTIONS AND PLANS.

POSITIVE PROFILE GRADES ARE IN THE DIRECTION OF TRAFFIC AND HIGHER ELEVATIONS.

NEGATIVE PROFILE GRADES ARE IN THE DIRECTION OF TRAFFIC AND LOWER ELEVATIONS.

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENTS:

EAST ST. LOUIS AND INTERURBAN WATER COMPANY
ILLINOIS POWER COMPANY
SOUTHWESTERN BELL TELEPHONE COMPANY
UNION ELECTRIC COMPANY
WESTERN UNION TELEGRAPH COMPANY

ALL PAVEMENT DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

Stud shear connectors on the beam flanges shall be placed in the field after the steel has been erected and deck forms are in place. The cost of furnishing and placing of the connectors is included as "Stud Shear Connectors" in Section 82-3HVD-1.

Guard rail shall be attached to abutment wings in accordance with Standard 2230-1 except self drilling anchor bolts shall be used in lieu of 1" anchor bolts. Wood beveled shims shall be provided at sloped surfaces.

SUMMARY OF QUANTITIES
SECTION 82-3HVD-1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
Z01398	ENGINEER'S FIELD OFFICE TYPE "A"	EACH	1
Z01379	ENGINEER'S FIELD LABORATORY	EACH	1
024016	STABILIZED SUB-BASE 4"	SQ. YD.	999
Z01394	STABILIZED SHOULDERS (8")	SQ. YD.	631
024018	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	110
048012	PORTLAND CEMENT CONCRETE PAVEMENT 16 1/2 - 12-16 1/2	SQ. YD.	441
048027	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ. YD.	699
048043	PAVEMENT REINFORCEMENT (8")	SQ. YD.	699
052003	CLASS "X" CONCRETE	CU. YD.	15,166.2
052021	PROTECTIVE COAT	SQ. YD.	60,343
* 054004	PAINTING STRUCTURAL STEEL	POUND	17,674,325
059001	REINFORCEMENT BARS	POUND	4,031,510
061001	NAME PLATES	EACH	4
094001	STEEL PLATE BEAM GUARD RAIL	LIN. FT.	2700
095015	CHAIN LINK FENCE, 4'	LIN. FT.	1,498
110005	FERTILIZER NUTRIENTS	TON	0.1
110006	AGRICULTURAL GROUND LIMESTONE	TON	4.6
112001	SODDING	SQ. YD.	7,392
112002	SUPPLEMENTAL WATERING	UNIT	52
* L00006	CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL	LIN. FT.	23
* L00008	CONDUIT IN TRENCH, 3" DIA. GALVANIZED STEEL	LIN. FT.	1,288
* L00053	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. GALVANIZED STEEL	LIN. FT.	600
* L00056	CONDUIT ATTACHED TO STRUCTURE, 2" DIA. GALVANIZED STEEL	LIN. FT.	14,376
* L00058	CONDUIT ATTACHED TO STRUCTURE, 3" DIA. GALVANIZED STEEL	LIN. FT.	45
* L00110	CONDUIT IN CONCRETE, 1" DIA. GALVANIZED STEEL	LIN. FT.	364
054022	STUD SHEAR CONNECTORS	EACH	17,775
* L01227	POLE, ALUMINUM, ANCHOR BASE, 30 FT. MH 4 FT. MAST ARM	EACH	60
* L01248	POLE, ALUMINUM, ANCHOR BASE, 32 FT. MH 10 FT. MAST ARM	EACH	2
* L02200	POLE FOUNDATION	EACH	2
* L02403	LUMINAIRE, MERCURY VAPOR, WITH BUILT-IN REGULATOR BALLAST 400 WATTS	EACH	62
* L02812	LAMP, MERCURY VAPOR 400 WATTS, TYPE H33-1-CD	EACH	62
* L04300	TRENCH AND BACKFILL	LIN. FT.	2,131
* 106036	ELECTRIC CABLE IN CONDUIT, 600 V (NEOPRENE-RUBBER INSULATED) 1/c NO. 10	LIN. FT.	6,540
* 106038	ELECTRIC CABLE IN CONDUIT, 600 V (NEOPRENE-RUBBER INSULATED) 1/c NO. 6	LIN. FT.	38,871
* 106041	ELECTRIC CABLE IN CONDUIT, 600 V (NEOPRENE-RUBBER INSULATED) 1/c NO. 2	LIN. FT.	11,757
* 106163	ELECTRIC CONDUCTOR IN TRENCH (BARE ANNEALED COPPER) NO. 6	LIN. FT.	276
* 106174	ELECTRIC CONDUCTOR IN CONDUIT (BARE ANNEALED COPPER) NO. 6	LIN. FT.	1,204
* L03078	ELECTRIC CABLE, UNIT DUCT, 3-600 V THW NO. 6 1" POLYETHYLENE	LIN. FT.	480
* L03165	ELECTRIC CABLE, UNIT DUCT, 3-600 V THW NO. 2 1" POLYETHYLENE	LIN. FT.	370
* L05066	SYSTEM GROUNDING	LUMP SUM	1
Z00004	ALUMINUM HANDRAIL	LIN. FT.	26,188
* Z20199	SIGN PANEL, REFLECTORIZED	SQ. FT.	1,202
* Z20208	CAPITAL LETTERS & NUMERALS 16"	EACH	20
* Z20211	CAPITAL LETTERS & NUMERALS 12"	EACH	15
* Z20213	CAPITAL LETTERS & NUMERALS 10"	EACH	16
* Z20228	LOWER CASE LETTERS 12"	EACH	77
* Z20253	BORDER 2"	LIN. FT.	448
* Z20326	STANDARD SIGNS R2-1-4860	EACH	8
* Z20494	STANDARD SIGNS W4-1-48	EACH	6
* Z20871	STANDARD SIGNS W14-20-4860	EACH	3
* Z20585	STANDARD SIGNS M1-21-4530	EACH	3
* Z20594	STANDARD SIGNS M1-30(2)-3636	EACH	4
* Z20872	STANDARD SIGNS M1-5-3024	EACH	3
* Z20820	ARROW SYMBOL 22 x 32	EACH	9
* Z20823	ARROW SYMBOL 35 5/8 x 22 1/4	EACH	2
* Z20937	SIGN TRUSS LIGHTING	LUMP SUM	1
Z01065	RAILROAD PROTECTIVE SERVICES	LUMP SUM	1

ALTERNATE "A"

* Z20854	OVERHEAD SIGN STRUCTURE TYPE II-A (4'-6" x 5'-3")	LIN. FT.	242.5
* Z20855	OVERHEAD SIGN WALKWAY, TYPE A	LIN. FT.	213

ALTERNATE "B"

* Z20856	OVERHEAD SIGN STRUCTURE TYPE II-S (4'-6" x 5'-3")	LIN. FT.	242.5
* Z20857	OVERHEAD SIGN WALKWAY, TYPE S	LIN. FT.	213

* SPECIALTY ITEMS
I-PORTION - 87.9 %
IG-PORTION - 12.1 %

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

INDEX OF SHEETS
SUMMARY OF QUANTITIES
GENERAL NOTES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET OF

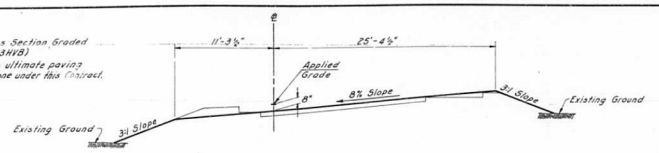
6-3-66 Pointing Str. Steel 17,690,150 to 17,674,325. Reinf. from 3,990,610 to 4,031,510. Added Quant. Stud Shear Connectors. N.R.F.

9/16/67 Deleted Barricades RLO

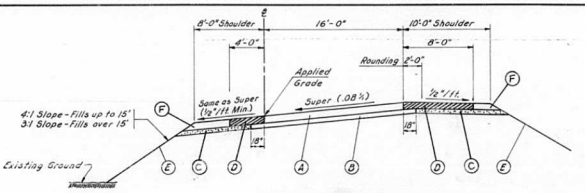
Rev. 6-13-67 cem Stds. Rev.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	3
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

Note:
Heavy line indicates Section Graded by others (Sec. 82-3HVB)
Light line indicates ultimate paving Cross Section to be done under this Contract.



TYPICAL GRADING SECTION
(By Others)



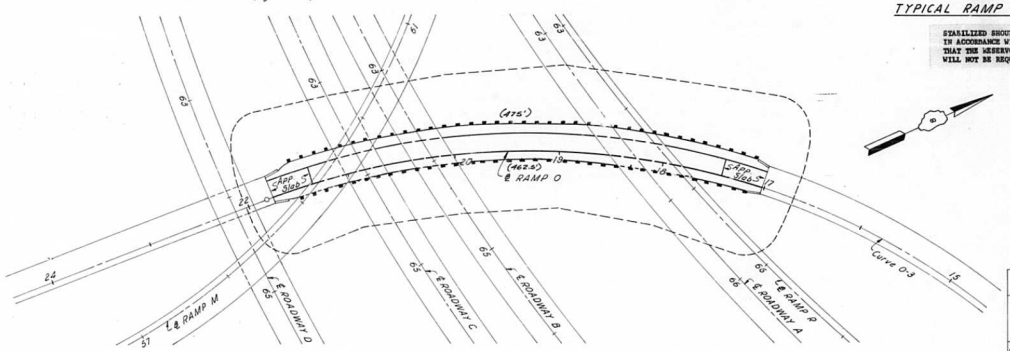
TYPICAL RAMP SECTION

STABILIZED SHOULDERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 2237, EXCEPT THAT THE RESERVOIR AND ELASTIC JOINT FILLER WILL NOT BE REQUIRED.

LEGEND

- (A) Continuously Reinforced P.C.C. Pavement (8" Thick)
- (B) Stabilized Sub-base (4" min.)
- (C) Sub-base Granular Material, Type C
- (D) Stabilized Shoulders (BAM)
- (E) Sodding ; (F) Topsoil (See Special Provisions)

Note: See Standards 2224-3 & 2225-2 For Pavement Reinforcement Details



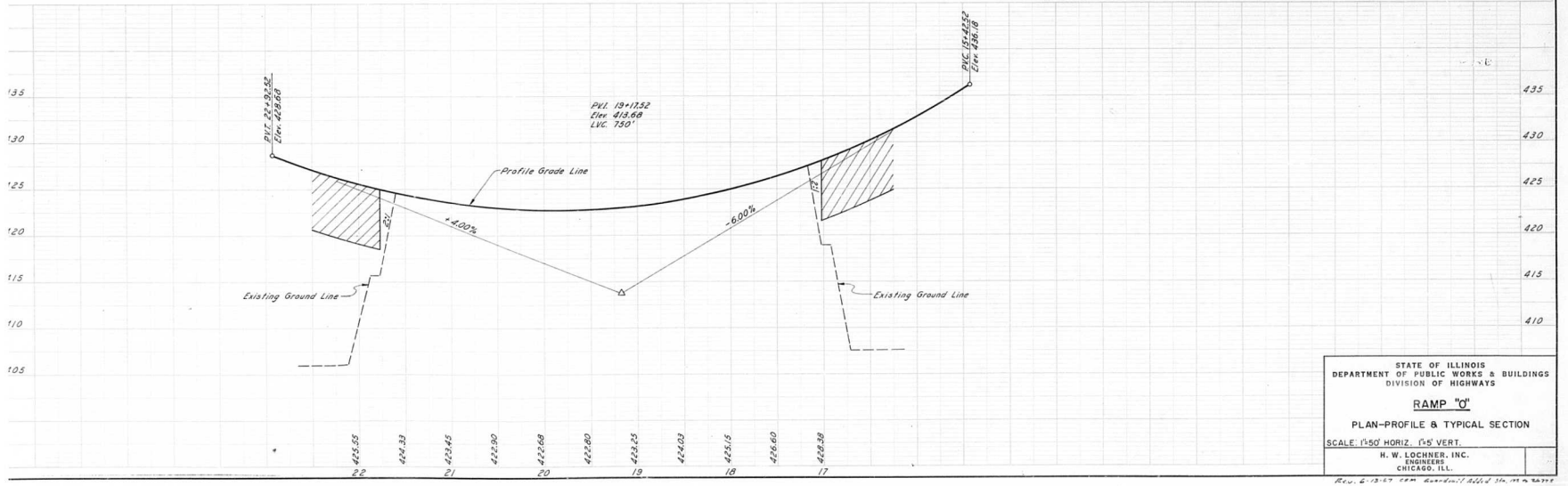
CURVE O-3
PI = 18+39.48
Δ = 63°25'37"
D = 8°11'06"
R = 700'
L = 775.11'
T = 432.70'
E = 122.94'
S = 8%

SCHEDULE OF RAMP 'O' PAVEMENT QUANTITIES
STA. 17+41.83 TO STA. 21+35.17

ITEM	UNIT	QUANTITY
Stabilized Sub-base - 4"	Sq Yd	999
Sub-base Granular Material, Type C	Ton	110
Continuously Reinforced P.C.C. Pavement (8" Thick)	Sq Yd	699
Protective Coat	Sq Yd	841
Steel Plate Beam Guard Rail	Lin Ft	937.5
Fertilizer Nutrients	Ton	0.1
Agricultural Ground Limestone	Ton	4.6
Sodding	Sq Yd	7,392
Supplemental Watering	Unit	52
Stabilized Shoulders	Sq Yd	631

APPROACH SLAB QUANTITIES STANDARD 2138-4 (METHOD II)

APPROACH SLAB	LOCATION	STATION TO STATION	PAVEMENT - ONE END of BRIDGE: SKEW ∠	TRANSVERSE BARS #5 NO.	TRANSVERSE BARS #5 LENGTH	LONGITUDINAL BARS #9 NO.	LONGITUDINAL BARS #9 LENGTH	TOTAL WT. OF BARS LBS	PAVT. 16" x 6" PLAIN SQ YD	DIMENSION 'A' LENGTH	R.C. CAP - ONE CAP: LENGTH FT	NET VOL. CU YD	STIRRUP BARS #4 5' LONG NO.	BEAM BARS #8 NO.	BEAM BARS #8 LENGTH	TOTAL WT. OF BARS LBS
North	Ramp 'O'	17+01.83 to 17+41.83	0°	66	15'-6"	42	#9@21'-6"	5327	71.1	6'-0"	16.00	1.11	16	8	15'-9"	390
South	Ramp 'O'	21+35.17 to 21+75.17	0°	66	15'-6"	20	#9@17'-6"	5327	71.1	6'-0"	16.00	1.11	16	8	15'-9"	390



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

RAMP "O"

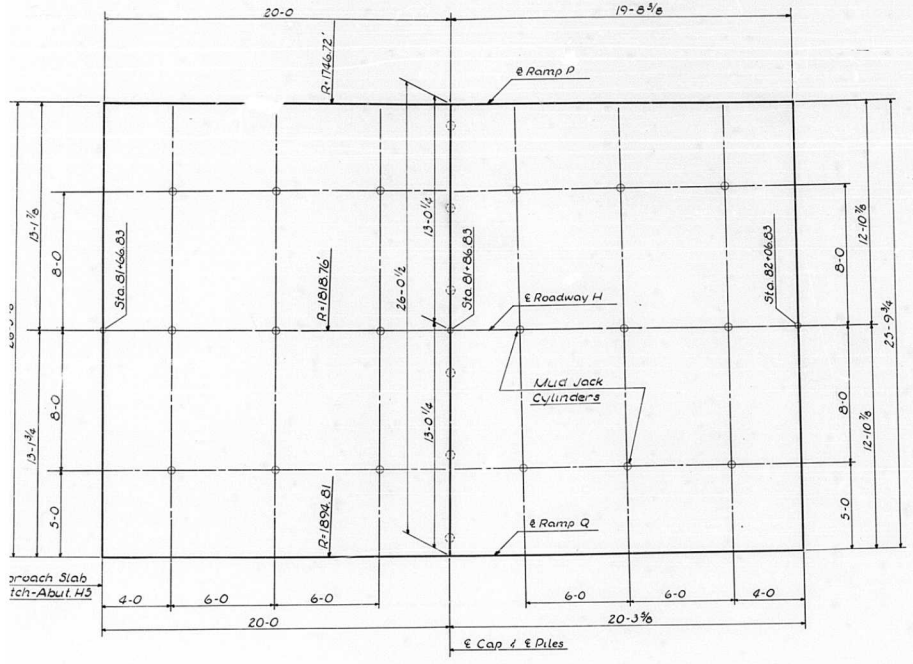
PLAN-PROFILE & TYPICAL SECTION

SCALE: 1"=50' HORIZ. 1"=5' VERT.

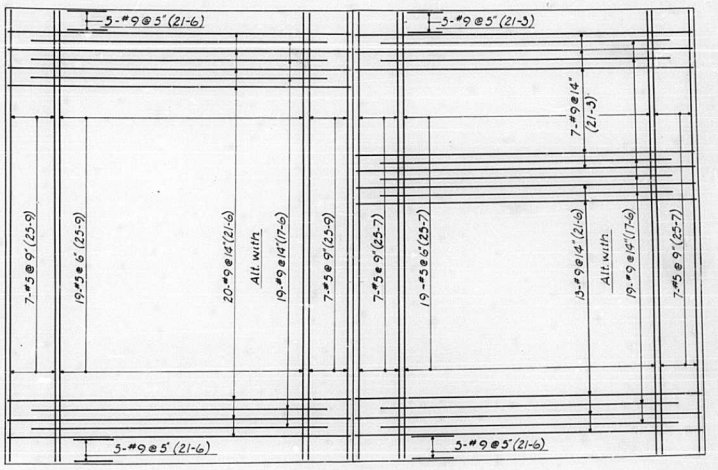
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

Rev. 6-13-67 CEM Guardrail Added Sta. 175 to 24775

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	4
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



DIMENSION PLAN



REINFORCEMENT PLAN

Note:
For Details and Sections not shown see Approach Slab Standards 2138-4 (Method II)

QUANTITIES

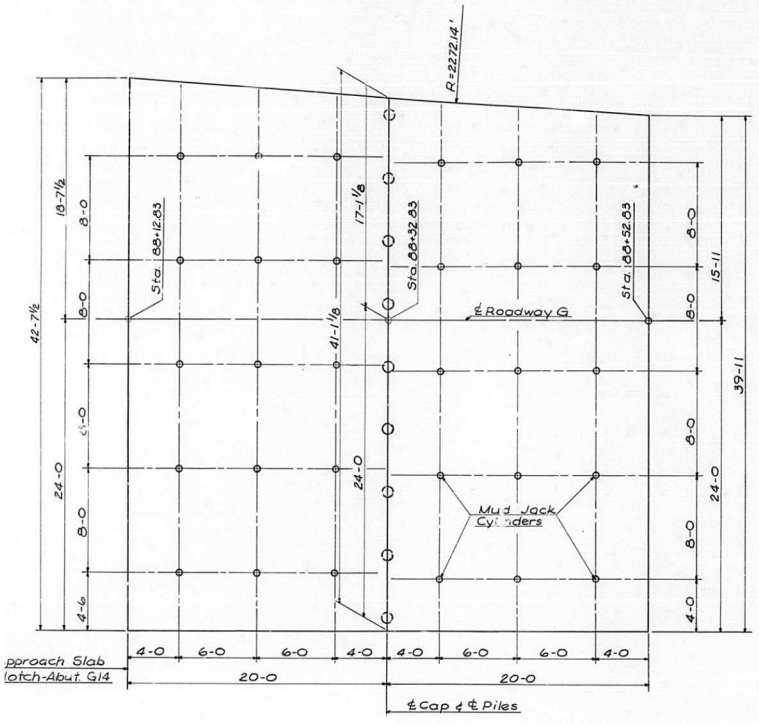
	Reinforcement No.	Size & Length	Weight	
Slab	33	#5 x 25-9	8,410 Lbs.	Pavement 16½-12-16½ 116 Sq. Yds.
	33	#5 x 21-7		
	48	#9 x 21-6		
	12	#9 x 21-3		
	38	#9 x 17-6		
Cap	8	#8 x 25-9	630 Lbs.	Class X Concrete 1.8 Cu. Yds.
	22	#4 x 5-0		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

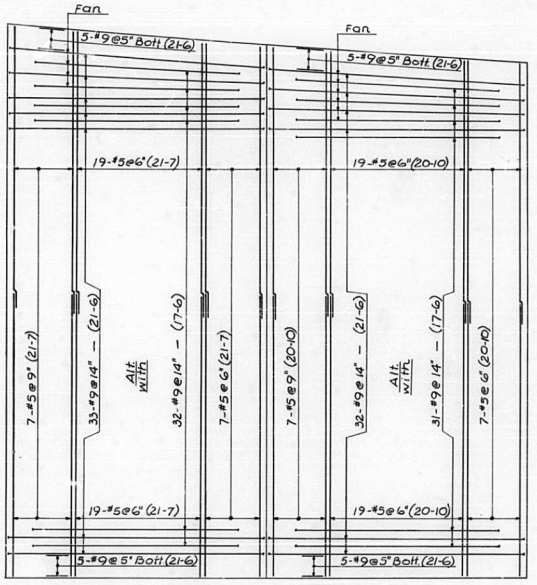
APPROACH SLAB
ROADWAY 'H'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	5
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



DIMENSION PLAN



REINFORCEMENT PLAN

Note:
For Details and Sections not shown see Approach Slab Standards 2138-4 (Method II)

QUANTITIES

	Reinforcement No.	Reinforcement Size & Length	Reinforcement Weight	
Slab	85	#9 x 21-6	12,880 Lbs.	Pavement 16½"-12"-16½" 183 Sq. Yds.
	63	#9 x 17-6		
	66	#5 x 21-7		
	66	#5 x 20-10		
Cap	16	#8 x 21-3	1,030 Lbs.	Class "X" Concrete 2.9 Cu. Yds.
	36	#4 x 5-0		

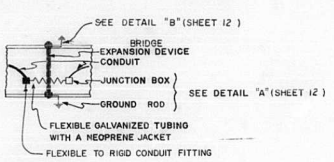
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

APPROACH SLAB
ROADWAY 'G'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

LEGEND

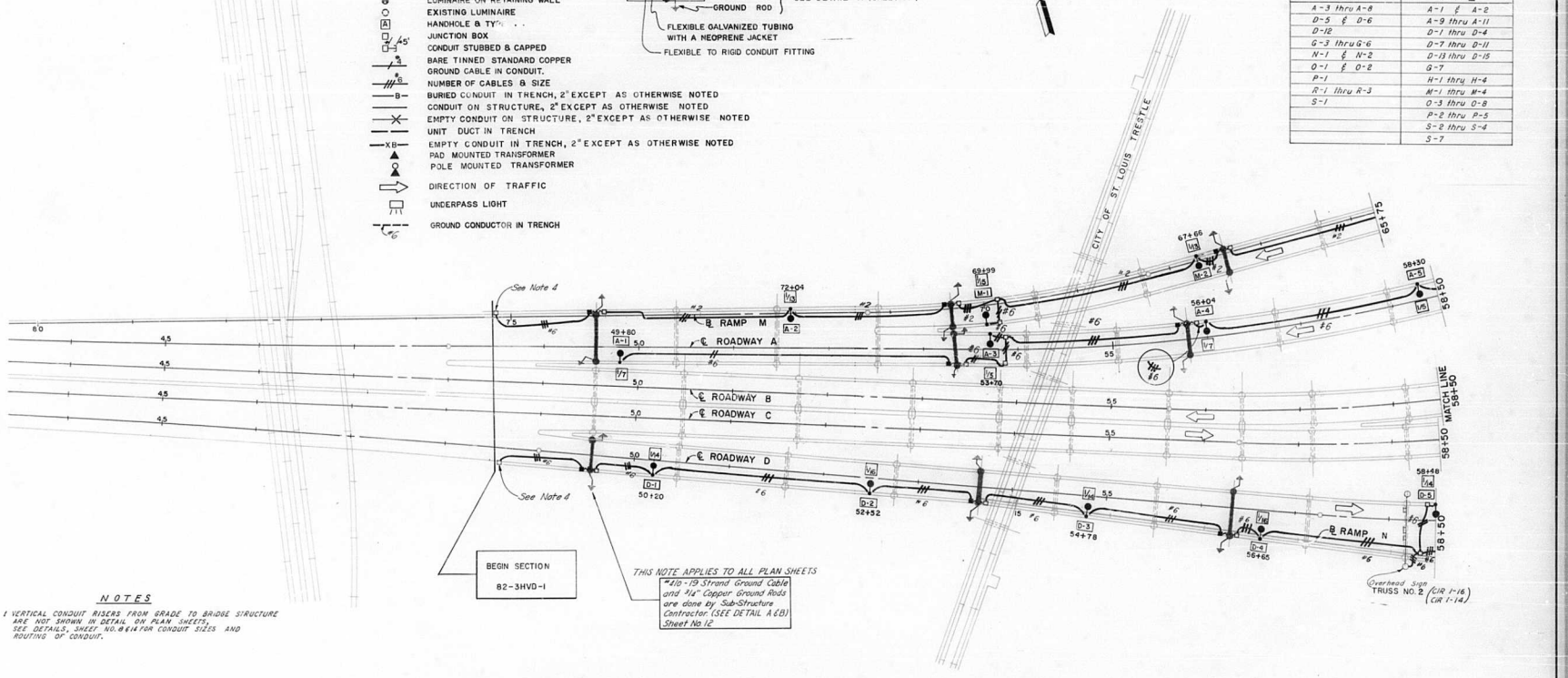
48+50 STATION
A-2 ROADWAY-NO. OF STANDARD
POLE
MAST ARM
LUMINAIRE ON BRIDGE
CONTROL CENTER/CIRCUIT NUMBER
LUMINAIRE ON ROADWAY
LUMINAIRE ON RETAINING WALL
EXISTING LUMINAIRE
A HANDHOLE & TY
45' JUNCTION BOX
CONDUIT STUBBED & CAPPED
BARE TINNED STANDARD COPPER GROUND CABLE IN CONDUIT.
NUMBER OF CABLES & SIZE
BURIED CONDUIT IN TRENCH, 2" EXCEPT AS OTHERWISE NOTED
CONDUIT ON STRUCTURE, 2" EXCEPT AS OTHERWISE NOTED
EMPTY CONDUIT ON STRUCTURE, 2" EXCEPT AS OTHERWISE NOTED
UNIT DUCT IN TRENCH
XB EMPTY CONDUIT IN TRENCH, 2" EXCEPT AS OTHERWISE NOTED
PAD MOUNTED TRANSFORMER
POLE MOUNTED TRANSFORMER
DIRECTION OF TRAFFIC
UNDERPASS LIGHT
GROUND CONDUCTOR IN TRENCH



FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	6
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

LIST OF LIGHT PATTERNS

TYPE I	TYPE II
A-3 thru A-8	A-1 & A-2
D-5 & D-6	A-9 thru A-11
D-12	D-1 thru D-4
G-3 thru G-6	D-7 thru D-11
N-1 & N-2	D-13 thru D-15
O-1 & O-2	G-7
P-1	H-1 thru H-4
R-1 thru R-3	M-1 thru M-4
S-1	O-3 thru O-8
	P-2 thru P-5
	S-2 thru S-4
	S-7



NOTES

1. VERTICAL CONDUIT RISERS FROM GRADE TO BRIDGE STRUCTURE ARE NOT SHOWN IN DETAIL ON PLAN SHEETS. SEE DETAILS, SHEET NO. 8 & 14 FOR CONDUIT SIZES AND ROUTING OF CONDUIT.
2. JUNCTION BOXES AT STATION 48+48, ROADWAYS A & D SHALL BE DRILLED AND TAPPED TO RECEIVE CONDUIT FROM ADJOINING SECTION.
3. ENDS OF ALL CABLES TERMINATING IN JUNCTION BOXES AT STATION 48+48 ROADWAYS A & D SHALL BE TAPED FOR FUTURE CONNECTIONS.
4. AT THE BEGINNING OF SECTION, PROVIDE 3 FEET OF CABLE (EACH WIRE) FOR FUTURE SPLICING TO CIRCUITS [12] & [15], [14] & [16].
5. FOR GROUNDING DETAILS, SEE SHEET 12
6. ALL EXPANSION FITTINGS SHALL BE BONDED EXPANSION COUPLINGS
7. FOR LIGHT STANDARD DETAILS, SEE SHEETS 10 & 11

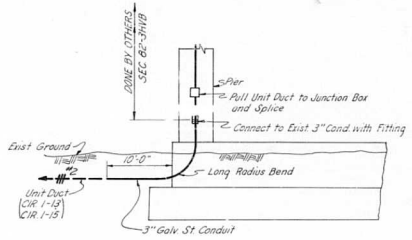
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70

ELECTRICAL PLANS

RDWY 'A' STA 48+48 to STA 58+50
SCALE: 1"=50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD (	ST. CLAIR	258	7
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



DETAIL Z
NOT TO SCALE

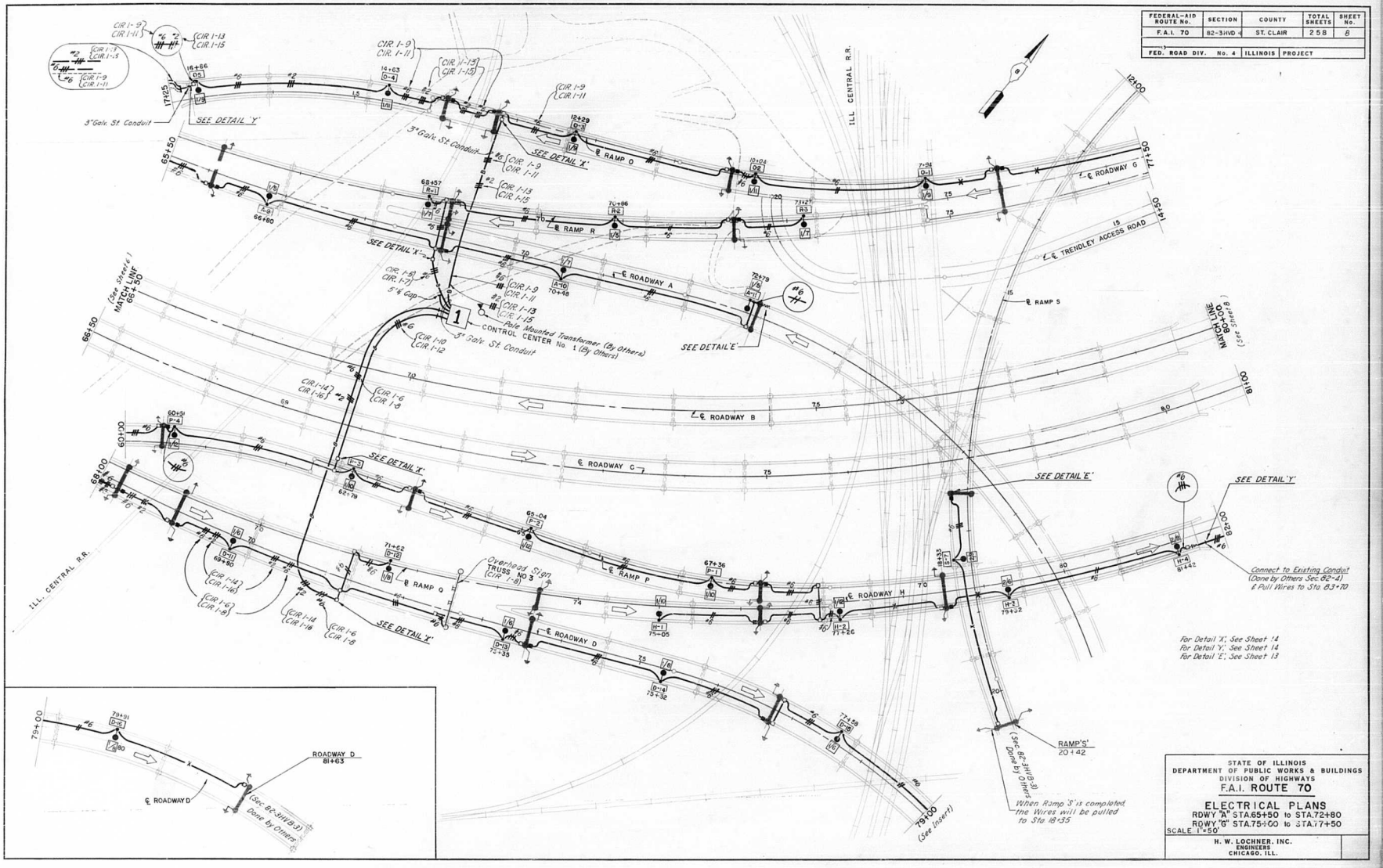
NOTES
For Detail 'E' See Sheet 13
For Detail 'Y' See Sheet 14

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70

ELECTRICAL PLANS

RDWY 'A' STA. 58+50 to STA. 65+50
SCALE 1"=50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD	ST. CLAIR	258	8
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

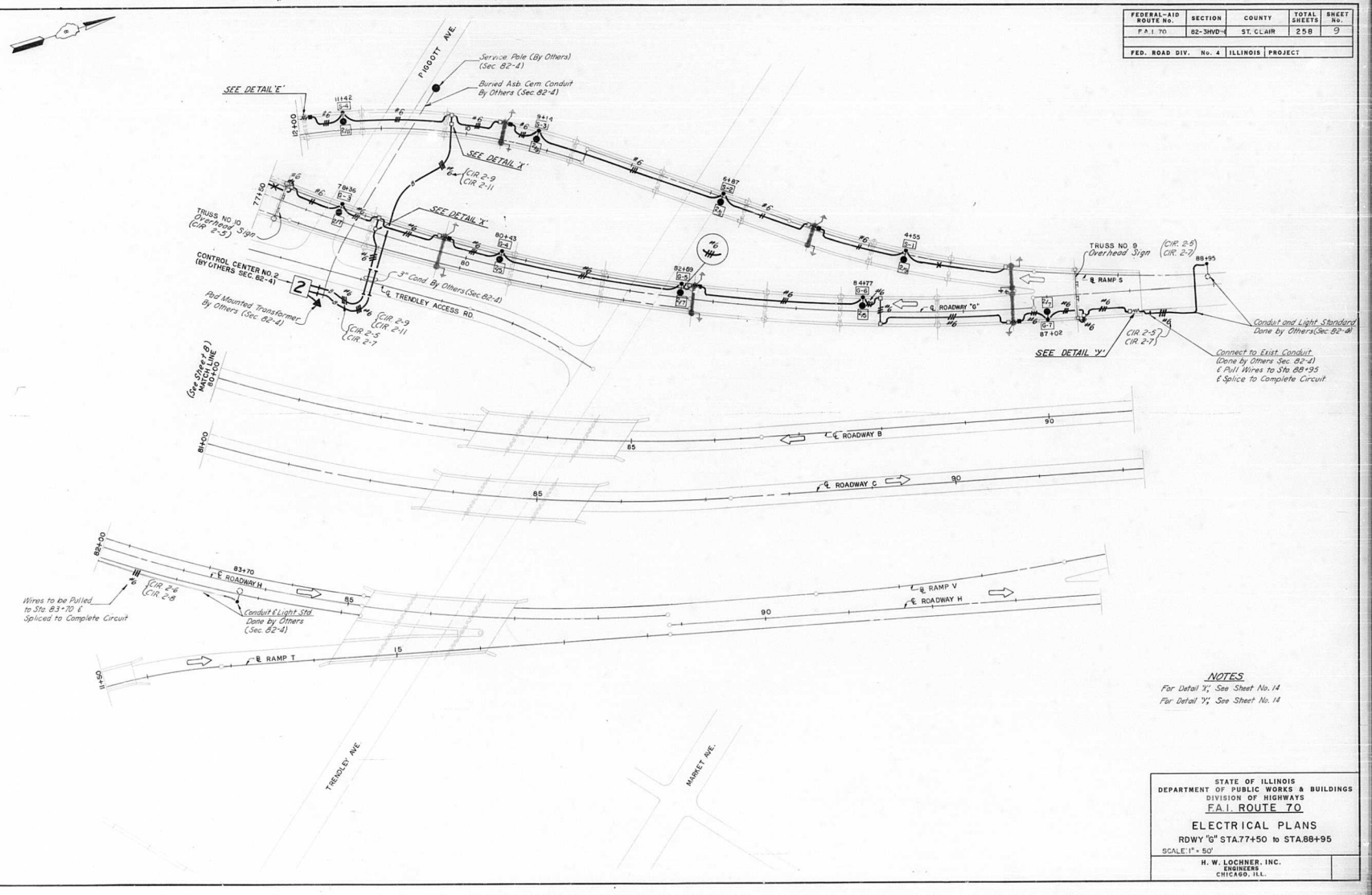
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70

ELECTRICAL PLANS

RDWY "A" STA. 65+50 to STA. 72+80
RDWY "G" STA. 75+00 to STA. 77+50

SCALE: 1"=50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD	ST. CLAIR	258	9
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

NOTES

For Detail 'X', See Sheet No. 14

For Detail 'Y', See Sheet No. 14

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 70

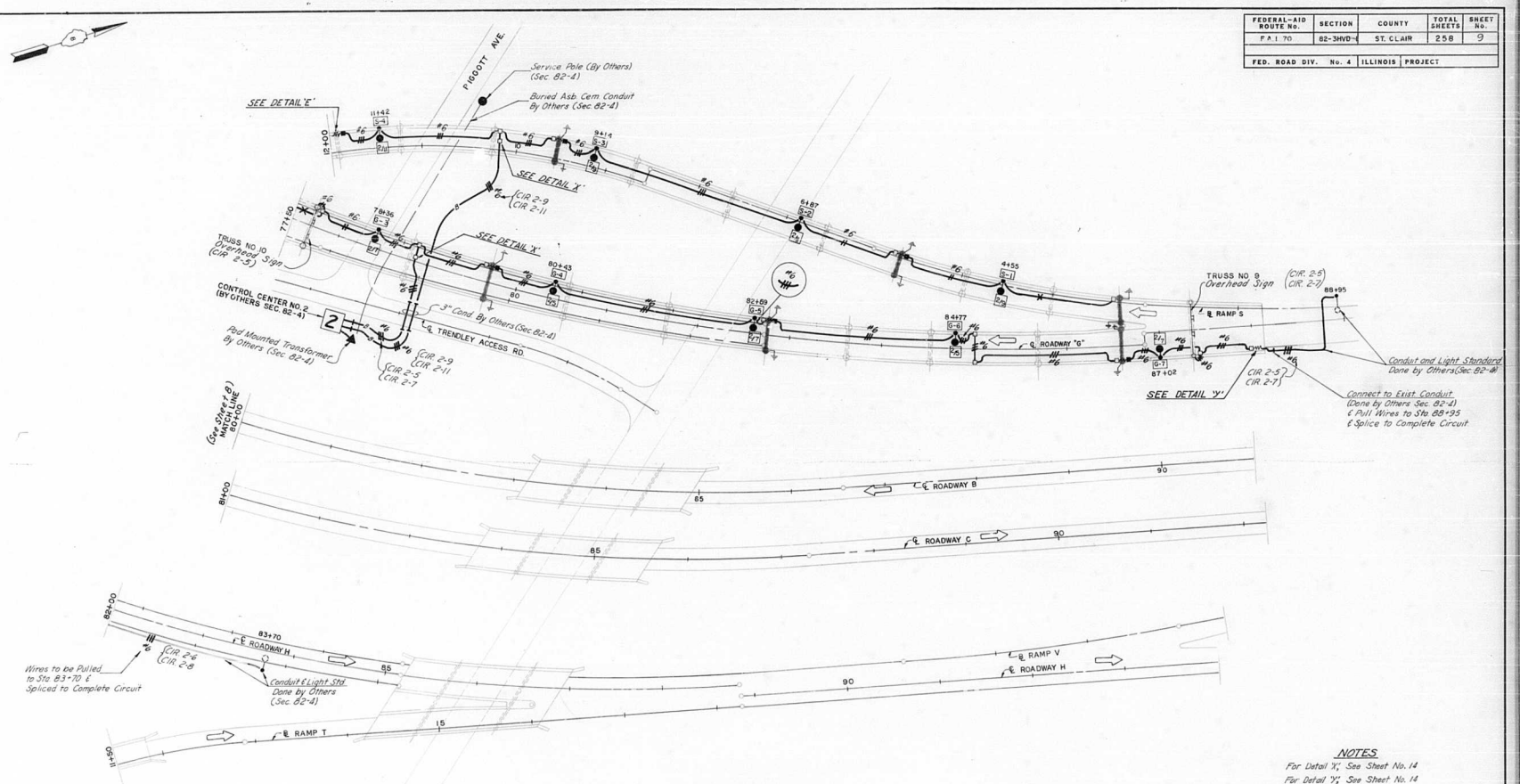
ELECTRICAL PLANS

RDWY "G" STA. 77+50 to STA. 88+95

SCALE 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	9
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



NOTES

For Detail 'X', See Sheet No. 14

For Detail 'Y', See Sheet No. 14

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 70

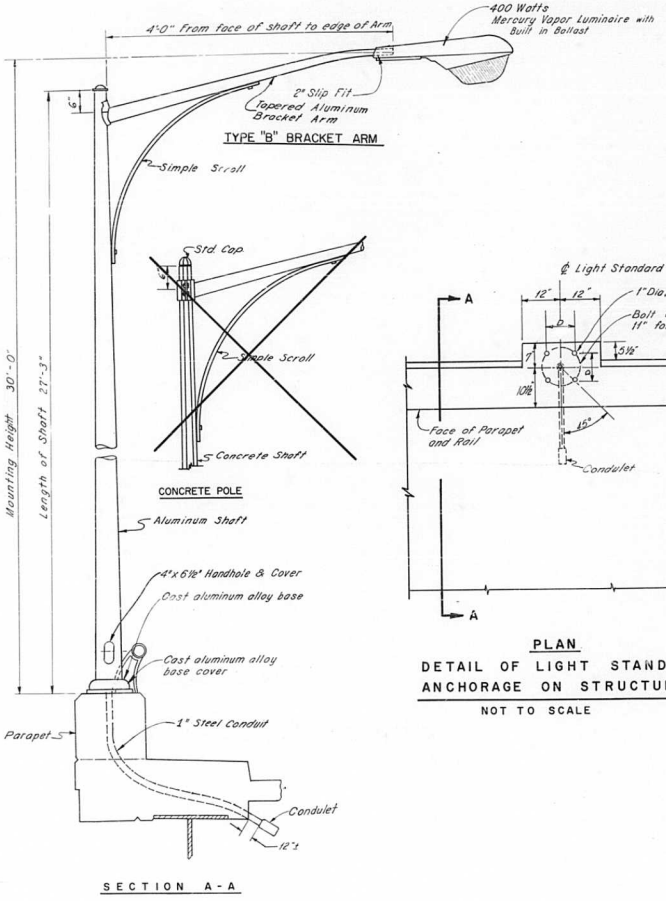
ELECTRICAL PLANS

RDWY "G" STA. 77+50 to STA. 88+95

SCALE: 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
FAI 70	82-3HVD-1	ST. CLAIR	258	10
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



SECTION A-A

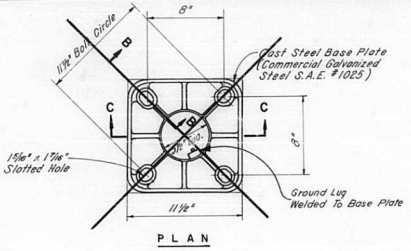
LIGHT STANDARD DETAIL
ON BRIDGE PARAPET (ALUMINUM POLE)

NOT TO SCALE

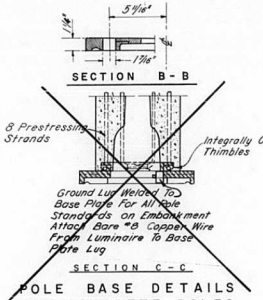
PLAN

DETAIL OF LIGHT STANDARD
ANCHORAGE ON STRUCTURE

NOT TO SCALE

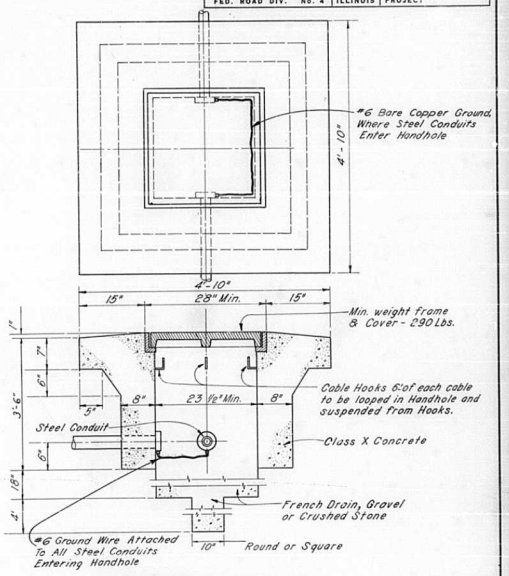


PLAN



POLE BASE DETAILS
FOR CONCRETE POLES

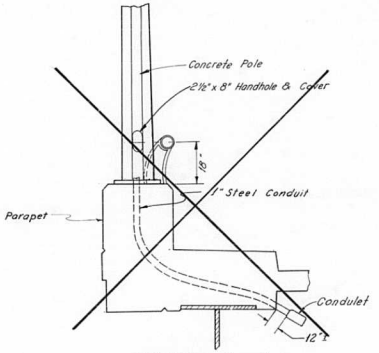
SCALE: 3/16" = 1'-0"



HANDHOLE TYPE A

SCALE: 1" = 1'-0"

(NOT IN THIS CONTRACT)



SECTION A - A

LIGHT STANDARD DETAIL
ON BRIDGE PARAPET (CONCRETE POLE)

NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

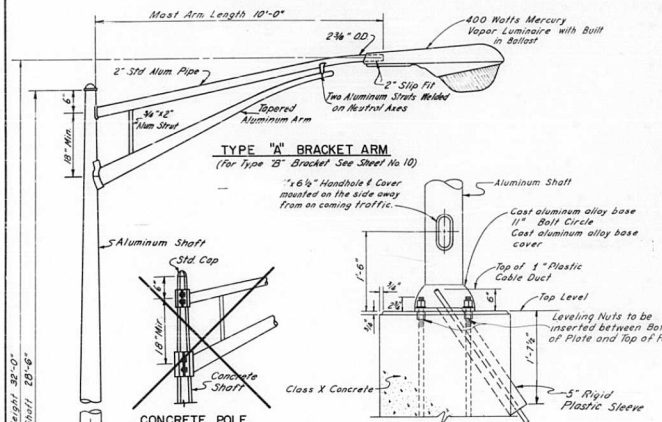
ELECTRICAL DETAILS

LIGHT STANDARDS ON BRIDGES

SCALE AS NOTED

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

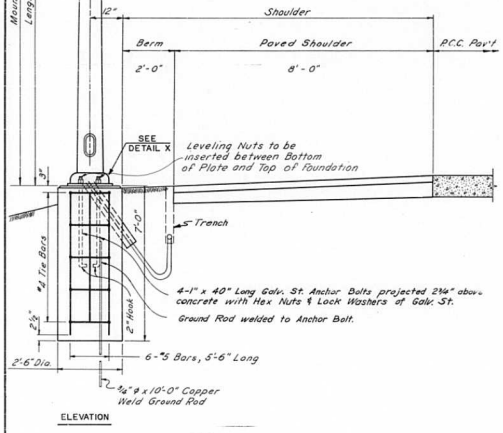
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	11
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



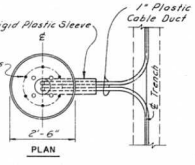
TYPE "A" BRACKET ARM
(for Type "B" Bracket See Sheet No 10)

CONCRETE POLE

DETAIL X

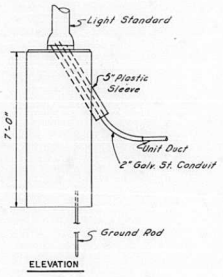


ELEVATION

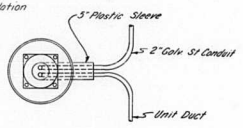


PLAN

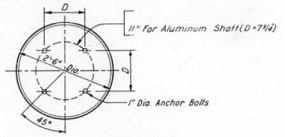
DETAILS OF LIGHT STANDARD ON EMBANKMENT WITH UNIT DUCT & UNIT DUCT IN FOUNDATION



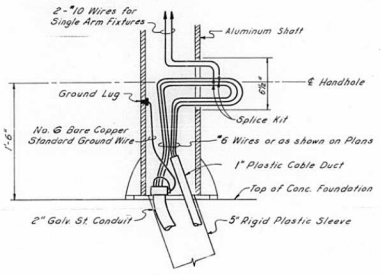
ELEVATION



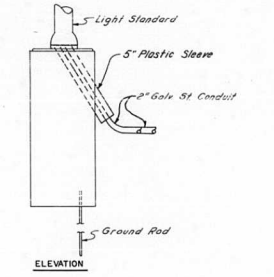
PLAN
CONDUIT & UNIT DUCT IN FOUNDATION



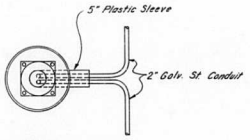
DETAIL OF BOLT CIRCLE



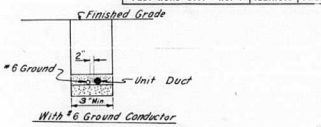
POLE BASE WIRING DIAGRAM
(Steel Conduit and Unit Duct Illustrated)



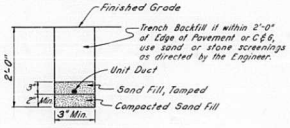
ELEVATION



PLAN
CONDUIT & CONDUIT IN FOUNDATION



With #6 Ground Conductor



UNIT DUCT TRENCH
(Without #6 Ground Conductor)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

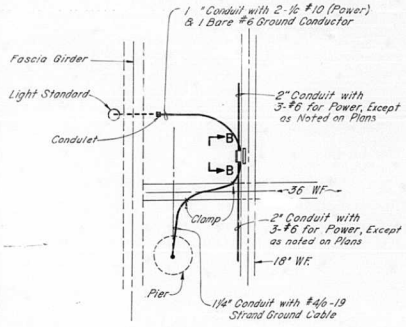
ELECTRICAL DETAILS

LIGHT STANDARD ON EMBANKMENT & CONDUIT ARRANGEMENTS

NOT TO SCALE

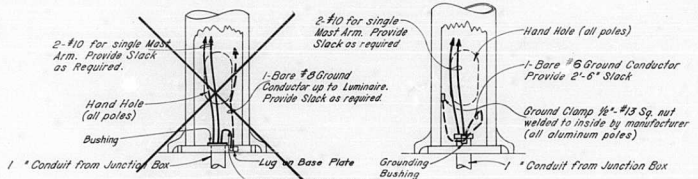
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
FAI 70	82-3HVB-1	ST. CLAIR	258	12
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



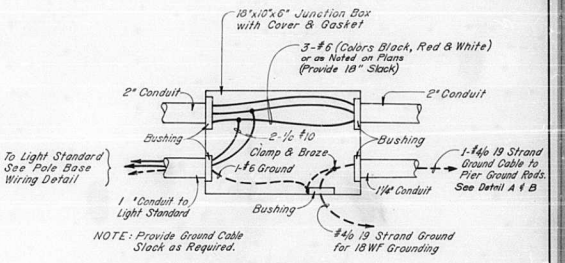
SECTION A - A

PLAN



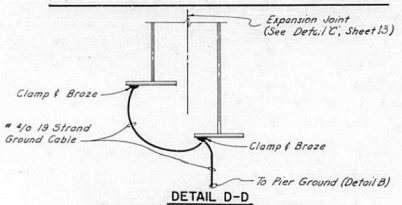
CONCRETE POLE ALUMINUM POLE

POLE BASE WIRING DETAILS



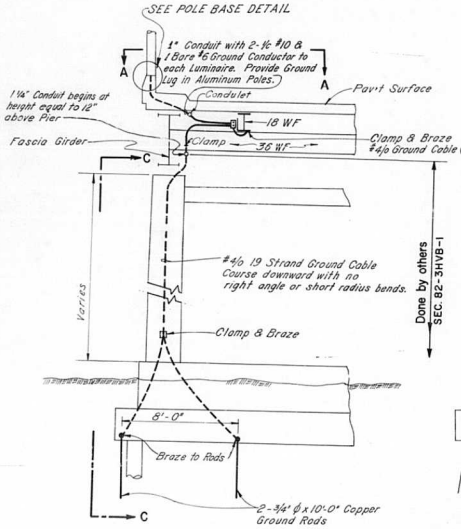
SECTION B - B

TYPICAL JUNCTION BOX DETAIL AT LIGHT STANDARD GROUNDED THRU EXPANSION PIER



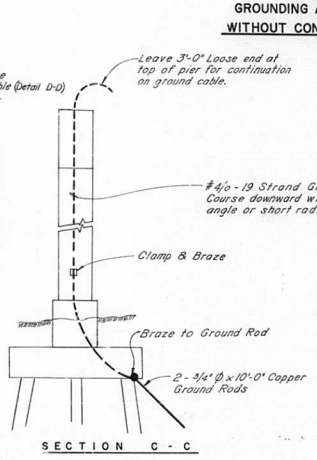
DETAIL D-D

GROUNDING AT EXPANSION JOINT WITHOUT CONDUIT & JUNCTION BOX



FRONT ELEVATION OF TYPICAL GROUNDING AT EXPANSION PIER WITH LIGHT STANDARD

DETAIL 'A'

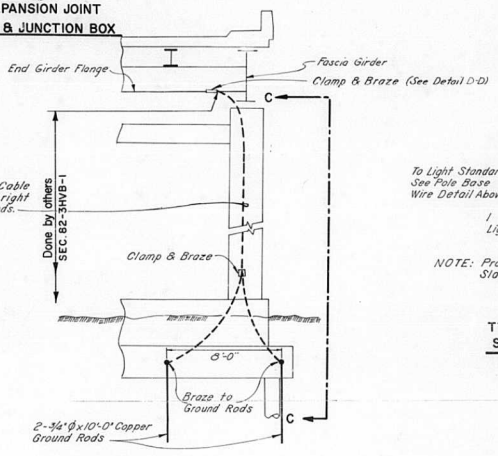


SECTION C - C

SIDE VIEW OF TYPICAL GROUNDING AT EXPANSION PIER

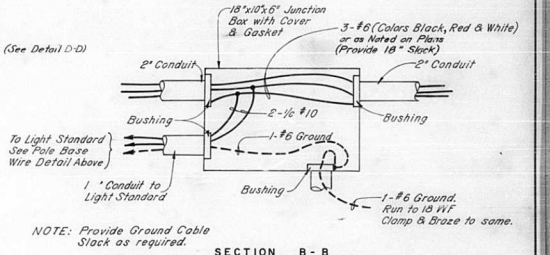
(DONE BY OTHERS)

SEC 82-3HVB-1



FRONT ELEVATION OF TYPICAL GROUNDING AT EXPANSION PIER WITHOUT LIGHT STANDARD

DETAIL 'B'



SECTION B - B

TYPICAL JUNCTION BOX DETAIL AT LIGHT STANDARD GROUNDED AT 18WF

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

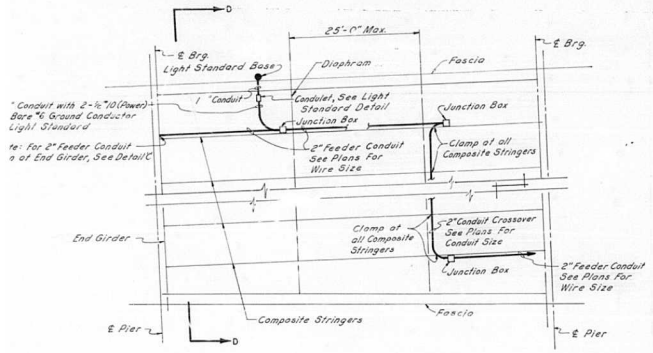
ELECTRICAL

TYPICAL GROUNDING DETAILS FOR BEAMS, JUNCTION BOXES & POLES

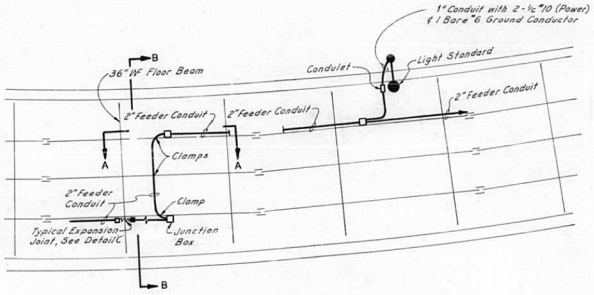
NOT TO SCALE

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

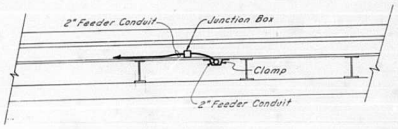
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD 4	ST. CLAIR	258	13
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



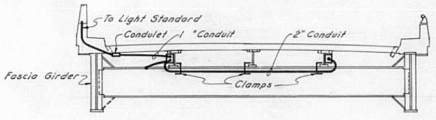
ARRANGEMENT OF CONDUIT AND JUNCTION BOXES FOR SIMPLE SPAN FRAMING
(VARYING ROADWAY WIDTH)



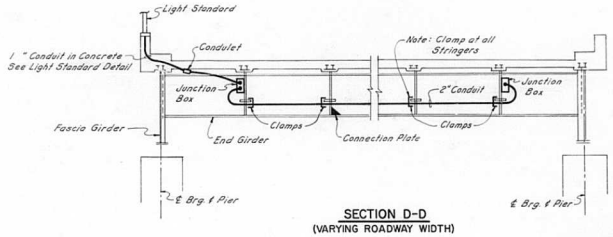
ARRANGEMENT OF CONDUIT AND JUNCTION BOXES SPAN FRAMING
(CONSTANT ROADWAY WIDTH)



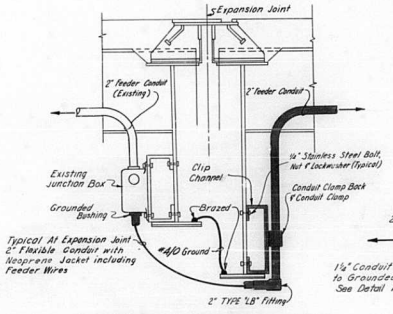
SECTION A-A



SECTION B-B

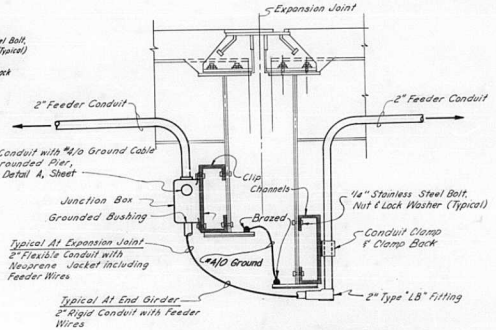


SECTION D-D
(VARYING ROADWAY WIDTH)



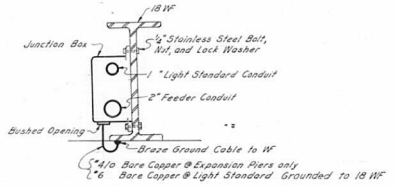
TYPICAL DETAIL FOR FEEDER CONDUIT RUN AT EXPANSION JOINT WITH EXISTING JUNCTION BOX

DETAIL E

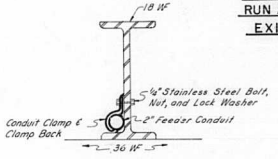


TYPICAL DETAIL FOR FEEDER CONDUIT RUN AT EXPANSION JOINT AND SIMPLE SPAN FRAMING END GIRDER

DETAIL C



DETAIL OF JUNCTION BOX MOUNTING ON BRIDGE



DETAIL OF FEEDER CONDUIT SUPPORT

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

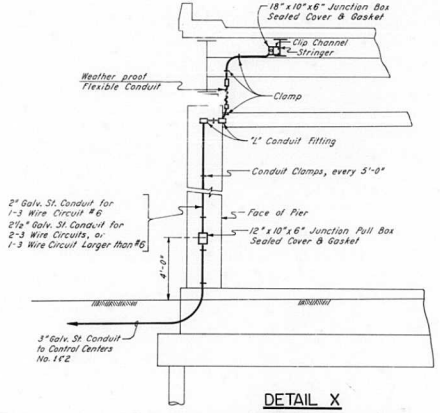
ELECTRICAL DETAILS

ATTACHING CONDUITS & JUNCTION BOXES TO BRIDGES

NOT TO SCALE

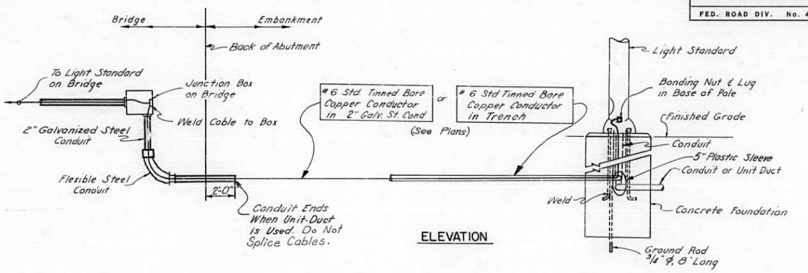
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD	ST. CLAIR	258	14
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

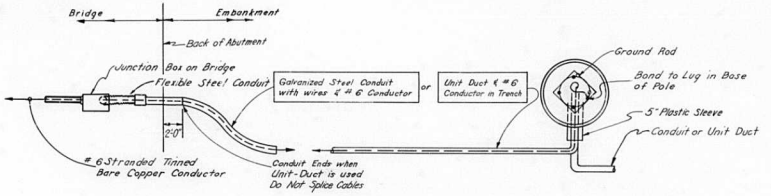


DETAIL X

TYPICAL SERVICE FEED AT PIER



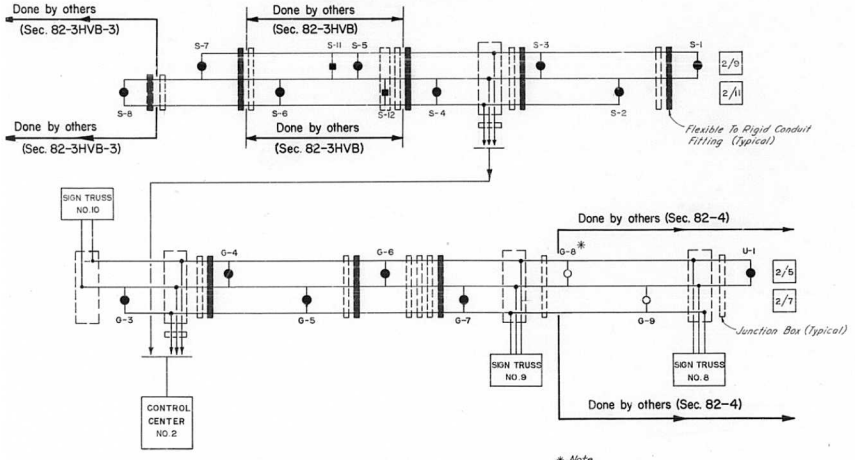
ELEVATION



PLAN

ARRANGEMENT OF CONDUIT THRU BRIDGE ABUTMENT

DETAIL Y



SCHEMATIC WIRING DIAGRAM FOR CONTROL CENTER NO.2

(240/480V, 1Ø, 3 WIRE)

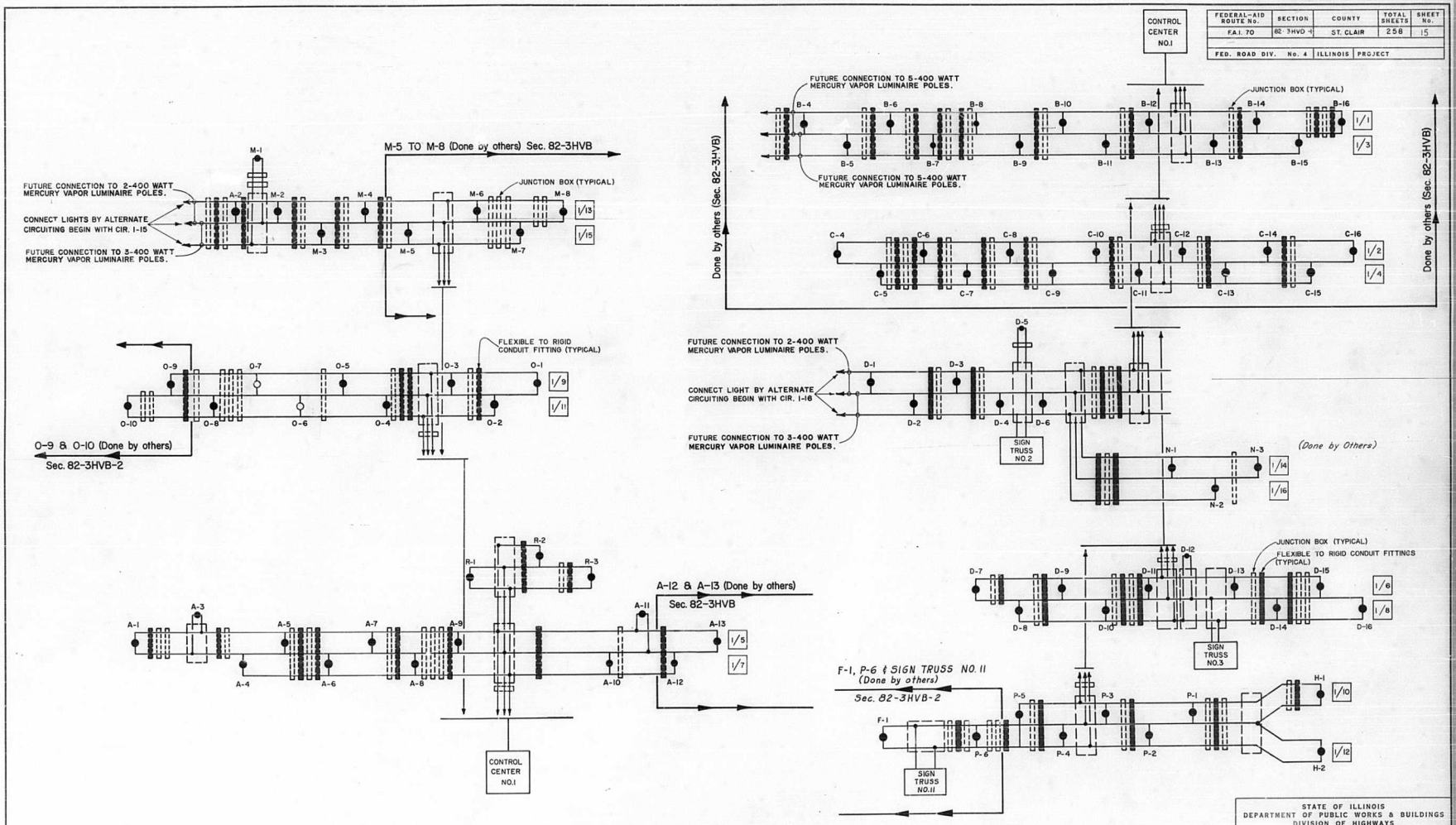
*Note
Wires are pulled to G-8 (See Plans)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
ELECTRICAL DETAILS
SCHEMATIC WIRING DIAGRAM FOR CONTROL CENTER NO.2
TYPICAL SERVICE FEED AT PIER
ARRANGEMENT OF CONDUIT THRU BRIDGE ABUTMENT

NOT TO SCALE

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	15
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



SCHEMATIC WIRING DIAGRAM

(240/480V., 1Ø, 3 WIRE)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ELECTRICAL DETAILS

SCHEMATIC WIRING DIAGRAM FOR CONTROL CENTER NO.1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

SIGN TRUSS SCHEDULE

TRUSS NO.	RDWY. OR RAMP NO. STATION	LOCATION B=BRIDGE, E=EARTH	NO. OF SIGNS ON TRUSS	SIGN NUMBER ON TRUSS	ELEC. LOAD (WATTS)	CIRCUIT NUMBER
1	RDWY. "A" 12+62	B	2	DONE BY OTHERS	720 720	CIR 1-13 CIR 1-15
2	RDWY "D" 3+19	B	3	SE-29, SE-12, SE-10	720 720	CIR 1-16 CIR 1-14
3	RDWY "D" 7+39	B	2	SE-10, SE-11	960	CIR 1-8
4	RAMP "T" (RDWY "M") 18+83	E	2	DONE BY OTHERS	960	CIR 2-8
5	RDWY "H" 98+67	E	2	DONE BY OTHERS	960	CIR 2-8
7	RDWY "B" 106+70	B	2	DONE BY OTHERS	720 720	CIR 3-5 CIR 3-7
8	RDWY "C" 72+61	B	3	DONE BY OTHERS	720 720	CIR 2-5 CIR 2-7
9	RDWY "C" 87+33	B	3	SE-2, SE-26, SE-27	720 720	CIR 2-5 CIR 2-7
10	RDWY "C" 71+68	B	2	SE-2, SE-24	960	CIR 2-5
11	RDWY "F" 37+36	B	2	DONE BY OTHERS	960	CIR 1-12
12	RDWY "F" 42+55	E	2	DONE BY OTHERS	960	CIR 5-2
13	ILL. ROUTE 3	E	2	DONE BY OTHERS	720 480	CIR 5-6
14	RDWY "A" 35+14	E	2	DONE BY OTHERS	960	CIR 4-5
15	RDWY "A" 84+65	B	2	DONE BY OTHERS	960	CIR 4-3

FIXTURE NOTES

Lighting fixture shall be fabricated of 0.064" Aluminium sheet as per specification A.S.T.M.B 209-58T-M1A-H14. This includes Support Clips, Reflector Tabs, Hinges and Locking Latch.

Machine screws shall be #8-32 with nuts and lock washer made of aluminum or stainless steel unless noted.

Other metal parts shall be made of Bronze, Brass, Copper Beryllium with non corrosive finish when necessary.

Reflector shall be made of .020" (Min.) Aluminum lighting sheet with specular finish and shall be 69" long.

Reflector shall be easily removed for cleaning without need for permanent distortion of Reflector shape. The reflecting surface shall have a dense protective coating of oxide not less than 7.5 milligrams per square inch. The Reflector shall be given a sealing treatment such that there will no staining when subject to a water solution (1 gram per 50 c.c.) of Anthraquinone violet R at room temperature. One drop of the solution shall be allowed to remain in contact with the surface for five minutes and wash away with running water. After drying with soft Cloth Observe for stain.

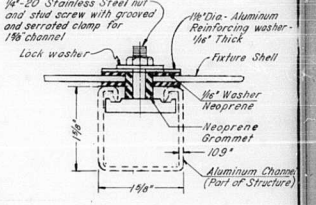
Ballast shall be rated at 1000 MA, 240 Volt and designed for Cold Weather reliable starting at -20°F., in conjuction with rapid start flourescent lamps 72T12-H.O.

Lamps to be mounted in fixture within 1" of grounded metal reflector which is full length of lamps.

Ballast and terminal blocks shall be marked with legible symbols. Conductors shall be tagged and their corresponding identification marked on the terminal board.

The Contractor shall aim and space the lighting fixture under night conditions to provide the most advantageous light distribution over the sign surface to be illuminated. Final aiming of the fixture shall be approved by the Engineer.

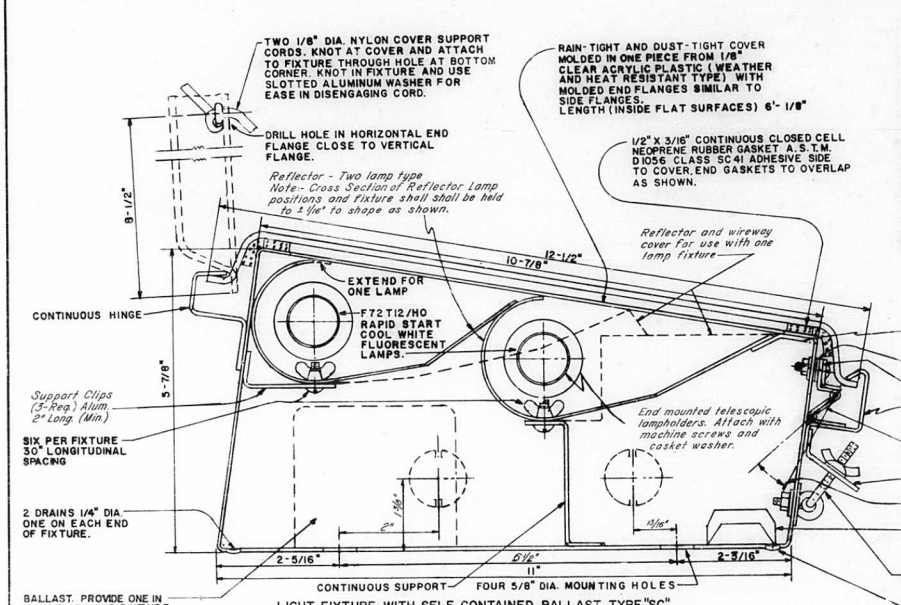
FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-H	ST. CLAIR	258	16
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



FIXTURE MOUNT DETAIL

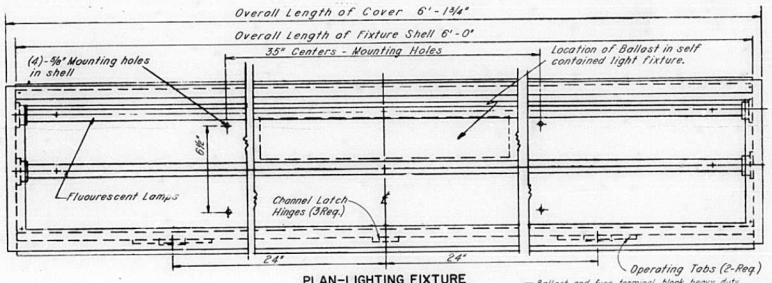
SECTION FULL SCALE

Furnish four sets of mounting hardware as shown. Attach to fixture.



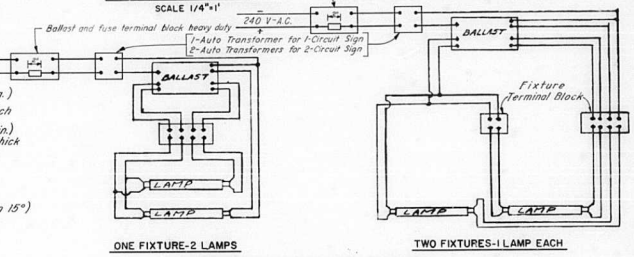
LIGHT FIXTURE WITH SELF CONTAINED BALLAST TYPE "SC"

SECTION FULL SCALE
APPROX. WEIGHT-90 LBS.



PLAN-LIGHTING FIXTURE

SCALE 1/4"=1'



TYPICAL FIXTURE WIRING CIRCUITS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ELECTRICAL DETAIL FOR FLUORESCENT SIGN LIGHTING FIXTURES

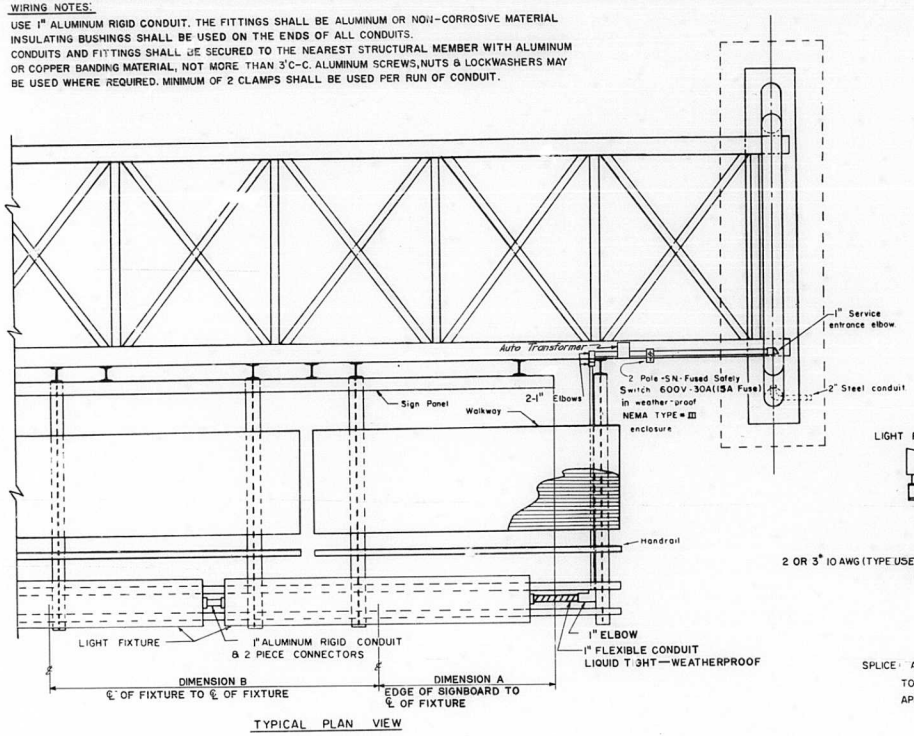
SCALE AS NOTED

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

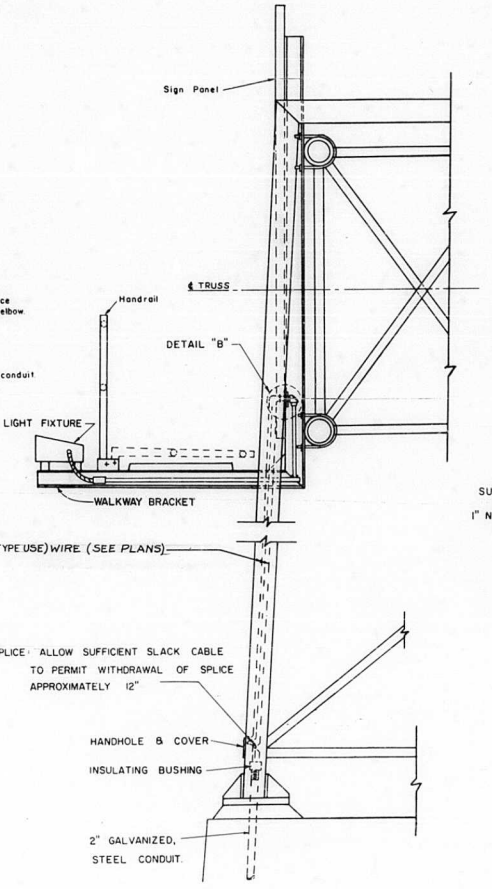
WIRING NOTES:

USE 1" ALUMINUM RIGID CONDUIT. THE FITTINGS SHALL BE ALUMINUM OR NON-CORROSIVE MATERIAL INSULATING BUSHINGS SHALL BE USED ON THE ENDS OF ALL CONDUITS.
CONDUITS AND FITTINGS SHALL BE SECURED TO THE NEAREST STRUCTURAL MEMBER WITH ALUMINUM OR COPPER BANDING MATERIAL, NOT MORE THAN 3'C-C. ALUMINUM SCREWS, NUTS & LOCKWASHERS MAY BE USED WHERE REQUIRED. MINIMUM OF 2 CLAMPS SHALL BE USED PER RUN OF CONDUIT.

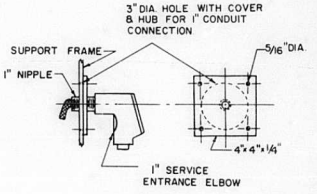
FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-4	ST. CLAIR	258	17
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



TYPICAL PLAN VIEW



TYPICAL SIDE ELEVATION



DETAIL "B"

SIGN SCHEDULE

(See Sheet No. for Truss Schedule)

SIGN NUMBER	NO. OF SIGNS	TYPE OF FIXTURE	LENGTH OF SIGN PANEL (FT)	HEIGHT OF SIGN PANEL (IN)	NO. OF FIXTURES PER SIGN	NO. OF LAMPS PER SIGN	FIXTURE SPACING SEE PLAN VIEW DIM. A	FIXTURE SPACING SEE PLAN VIEW DIM. B
~~SE-1*~~		~~S.C.~~	~~24'~~	~~138"~~	~~4~~	~~8~~	~~30"~~	~~76"~~
SE-2	2	S.C.	12'	120"	2	4	34"	76"
~~SE-2A*~~		~~S.C.~~	~~12'~~	~~120"~~	~~2~~	~~4~~	~~34"~~	~~76"~~
~~SE-7*~~		~~S.C.~~	~~12'~~	~~144"~~	~~2~~	~~4~~	~~34"~~	~~76"~~
SE-10	2	S.C.	13'-6"	108"	2	4	40"	82"
SE-11	1	S.C.	13'-0"	120"	2	4	39"	82"
SE-12	1	S.C.	15'-0"	84"	2	4	41"	98"
~~SE-15*~~		~~S.C.~~	~~14'-0"~~	~~120"~~	~~2~~	~~4~~	~~40"~~	~~88"~~
~~SE-20*~~		~~S.C.~~	~~14'-0"~~	~~100~~	~~2~~	~~4~~	~~40"~~	~~88"~~

SIGN NUMBER	NO. OF SIGNS	TYPE OF FIXTURE	LENGTH OF SIGN PANEL (FT)	HEIGHT OF SIGN PANEL (IN)	NO. OF FIXTURES PER SIGN	NO. OF LAMPS PER SIGN	FIXTURE SPACING SEE PLAN VIEW DIM. A	FIXTURE SPACING SEE PLAN VIEW DIM. B
~~SE-23*~~		~~S.C.~~	~~15'-0"~~	~~96"~~	~~2~~	~~4~~	~~41"~~	~~98"~~
SE-24	1	S.C.	11'-0"	108"	2	4	28"	76"
SE-26	1	S.C.	14'-0"	96"	2	4	40"	88"
SE-27	1	S.C.	14'-6"	108"	2	4	41"	92"
~~SE-28*~~		~~S.C.~~	~~12'-6"~~	~~120"~~	~~2~~	~~4~~	~~34"~~	~~76"~~
SE-29	1	S.C.	15'-0"	120"	2	4	41"	98"
~~SE-8*~~		~~S.C.~~	~~19'-6"~~	~~96"~~	~~2~~	~~4~~	~~28"~~	~~76"~~
~~SE-3*~~		~~S.C.~~	~~17'-0"~~	~~84"~~	~~3~~	~~6~~	~~26"~~	~~76"~~
~~SE-21*~~		~~S.C.~~	~~11'-0"~~	~~108"~~	~~2~~	~~4~~	~~28"~~	~~76"~~

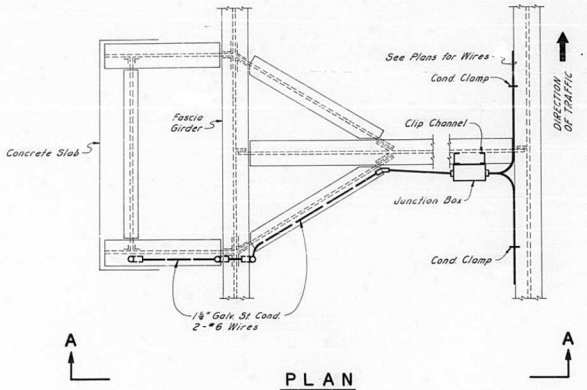
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ELECTRICAL DETAILS FOR SIGN TRUSSES

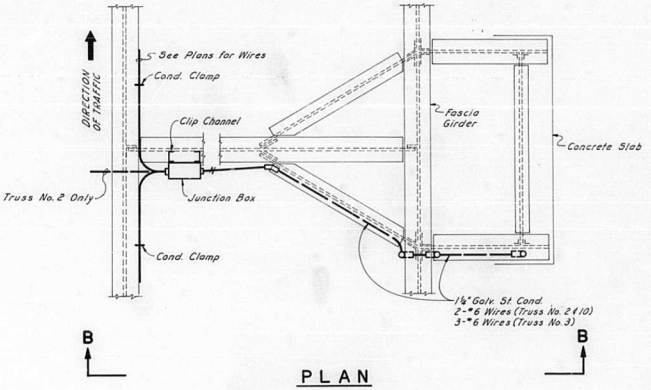
NOT TO SCALE

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

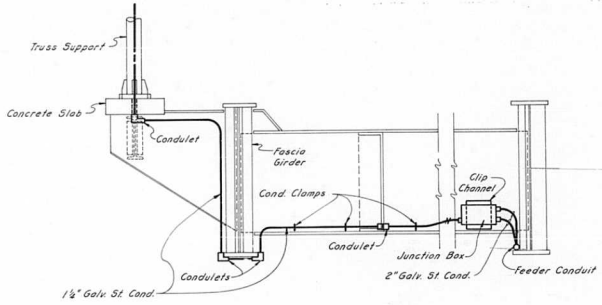
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	18
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



PLAN

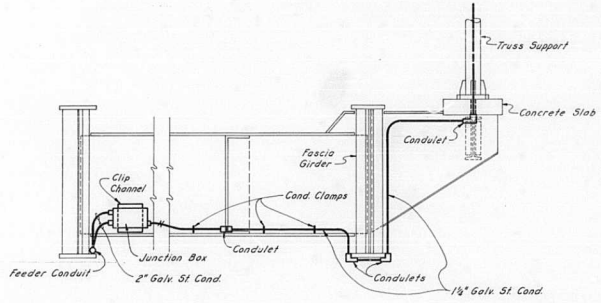


PLAN



ELEVATION
VIEW A-A

SIGN TRUSS NO. 9
Left Side of Bridge



ELEVATION
VIEW B-B

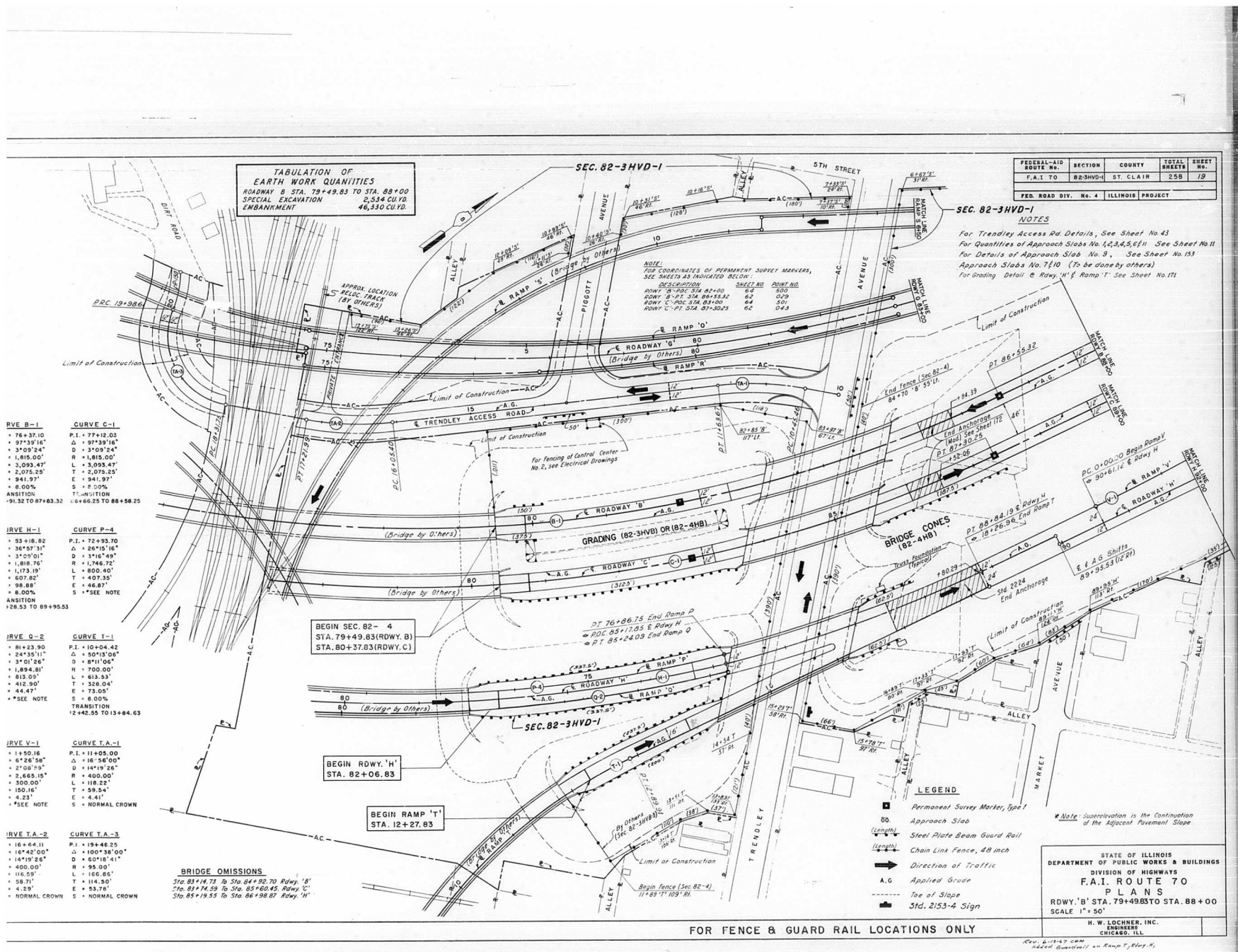
SIGN TRUSS NO. 2,3&10
Right Side of Bridge

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ELECTRICAL DETAILS
ATTACHING CONDUIT TO BRIDGES FOR SIGN TRUSSES

NOT TO SCALE

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I 70	82-3HVD-1	ST. CLAIR	258	19
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

NOTES

For Trendley Access Rd. Details, See Sheet No. 43
For Quantities of Approach Slabs No. 1,2,3,4,5,6 & 11 See Sheet No. 11
For Details of Approach Slab No. 9, See Sheet No. 153
Approach Slabs No. 7 & 10 (To be done by others)
For Grading Detail ℄ Rdwy. 'H' & Ramp 'T' See Sheet No. 171

CURVE B-1
+ 76+37.10
Δ = 97°39'16"
D = 3°09'24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%
TRANSITION
-91.32 TO 87+83.32

CURVE C-1
P.I. = 77+12.03
Δ = 97°39'16"
D = 3°09'24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%
TRANSITION
66+66.25 TO 88+58.25

CURVE H-1
+ 53+16.82
Δ = 36°57'31"
D = 3°09'01"
R = 1,818.76'
L = 1,173.19'
T = 607.82'
E = 98.88'
S = 8.00%
TRANSITION
+28.53 TO 89+95.53

CURVE P-4
P.I. = 72+93.70
Δ = 26°15'16"
D = 3°16'49"
R = 1,746.72'
L = 800.40'
T = 407.35'
E = 46.87'
S = *SEE NOTE

CURVE Q-2
+ 81+23.90
Δ = 24°35'11"
D = 3°01'26"
R = 1,894.81'
L = 813.09'
T = 412.90'
E = 44.47'
S = *SEE NOTE

CURVE T-1
P.I. = 10+04.42
Δ = 50°13'06"
D = 8°11'06"
R = 700.00'
L = 613.53'
T = 328.04'
E = 73.05'
S = 8.00%
TRANSITION
+42.55 TO 13+84.63

CURVE V-1
+ 1+50.16
Δ = 6°26'58"
D = 2°08'59"
R = 2,665.15'
L = 300.00'
T = 150.16'
E = 4.23'
S = *SEE NOTE

CURVE T.A.-1
P.I. = 11+05.00
Δ = 16°54'00"
D = 14°19'26"
R = 400.00'
L = 118.22'
T = 59.54'
E = 4.41'
S = NORMAL CROWN

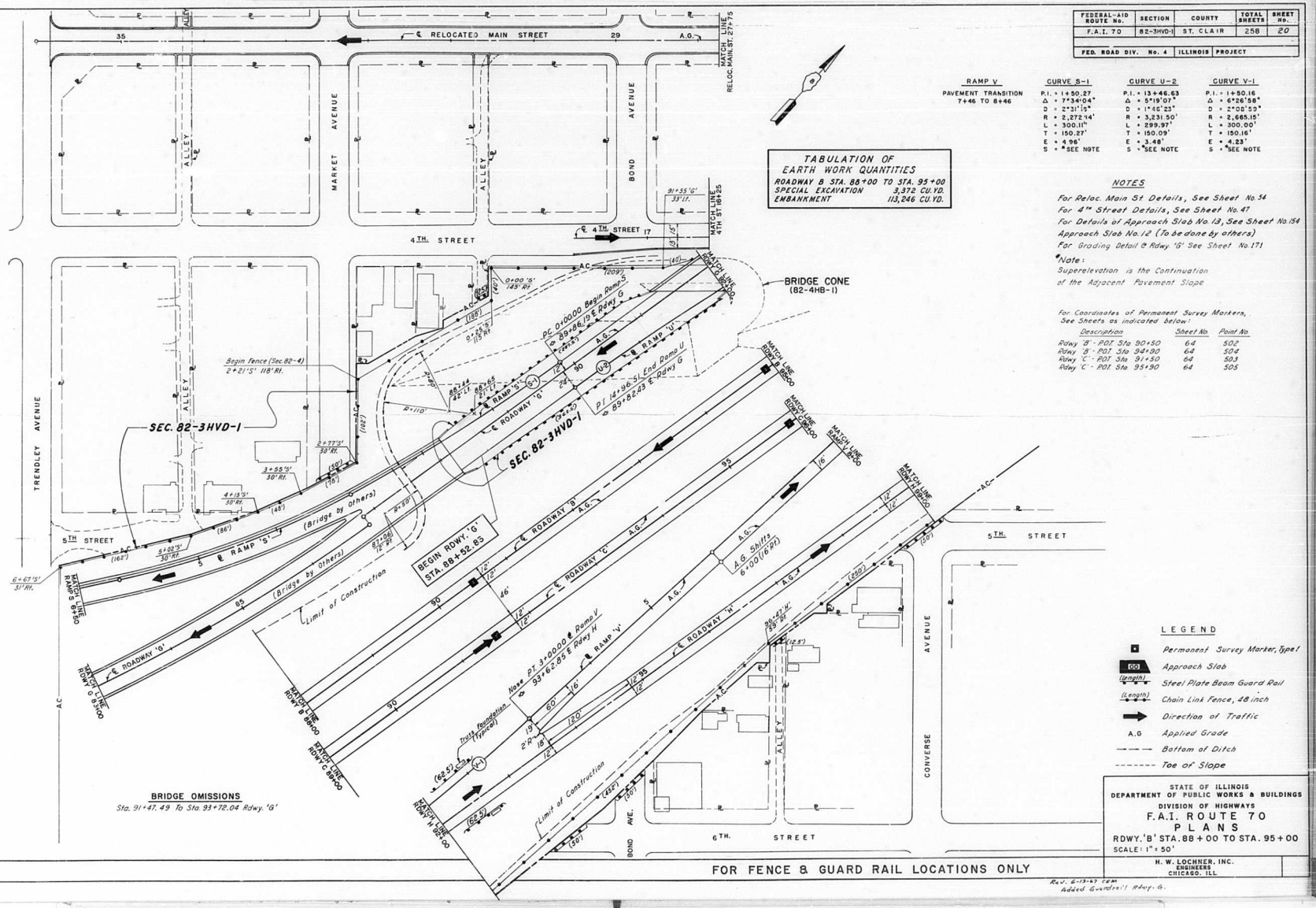
CURVE T.A.-2
+ 16+64.11
Δ = 16°42'00"
D = 14°19'26"
R = 400.00'
L = 116.59'
T = 58.71'
E = 4.29'
S = NORMAL CROWN

CURVE T.A.-3
P.I. = 19+46.25
Δ = 100°38'00"
D = 50°18'41"
R = 95.00'
L = 166.86'
T = 114.50'
E = 53.78'
S = NORMAL CROWN

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70
PLANS
RDWY. 'B' STA. 79+49.83 TO STA. 88+00
SCALE 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

Rev. 6-13-67 CBM
Added Guardrail on Ramp T, Rdwy. H.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	20
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

RAMP V
PAVEMENT TRANSITION
7+46 TO 8+46

CURVE S-1	CURVE U-2	CURVE V-1
P.I. = 1+50.27	P.I. = 13+46.63	P.I. = 1+50.16
Δ = 7°34'04"	Δ = 5°19'07"	Δ = 6°26'58"
D = 2°31'15"	D = 1°46'23"	D = 2°08'59"
R = 2,272.14'	R = 3,231.50'	R = 2,665.15'
L = 300.11'	L = 299.97'	L = 300.00'
T = 150.27'	T = 150.09'	T = 150.16'
E = 4.96'	E = 3.48'	E = 4.23'
S = *SEE NOTE	S = *SEE NOTE	S = *SEE NOTE

TABULATION OF EARTH WORK QUANTITIES
ROADWAY B STA. 88+00 TO STA. 95+00
SPECIAL EXCAVATION 3,372 CU.YD.
EMBANKMENT 113,246 CU.YD.

NOTES
For Reloc. Main St Details, See Sheet No. 54
For 4th Street Details, See Sheet No. 47
For Details of Approach Slab No. 13, See Sheet No. 134
Approach Slab No. 12 (To be done by others)
For Grading Detail @ Rdwy. 'G' See Sheet No. 171

*Note:
Superelevation is the Continuation of the Adjacent Pavement Slope

For Coordinates of Permanent Survey Markers, See Sheets as indicated below:

Description	Sheet No.	Point No.
Rdwy 'B' - POT Sta 90+50	64	502
Rdwy 'B' - POT Sta 94+90	64	504
Rdwy 'C' - POT Sta 91+30	64	503
Rdwy 'C' - POT Sta 95+90	64	505

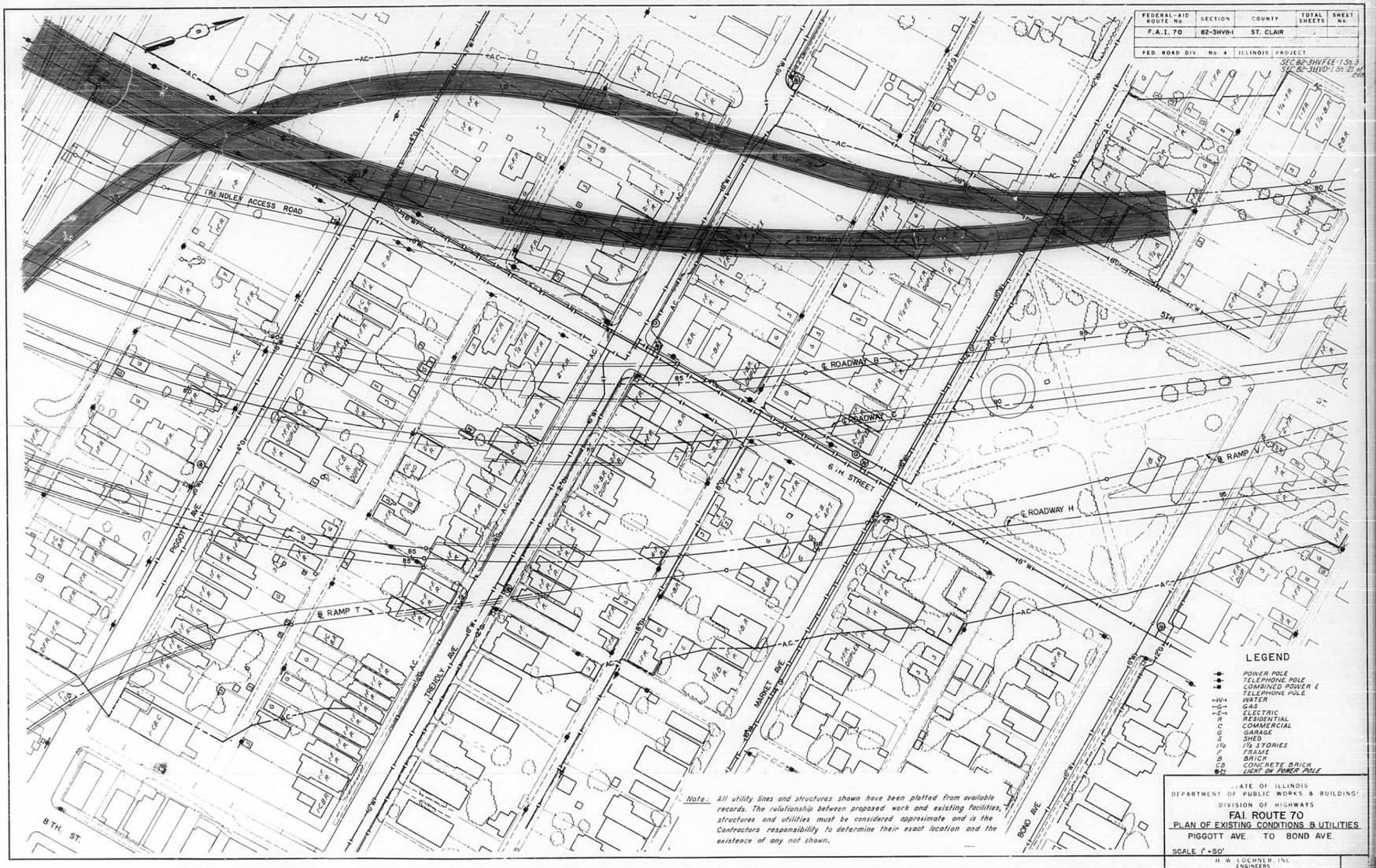
LEGEND
- Permanent Survey Marker, Type I
- 60 Approach Slab
- (Length) Steel Plate Beam Guard Rail
- (Length) Chain Link Fence, 48 inch
- Direction of Traffic
- A.G. Applied Grade
- Bottom of Ditch
- Toe of Slope

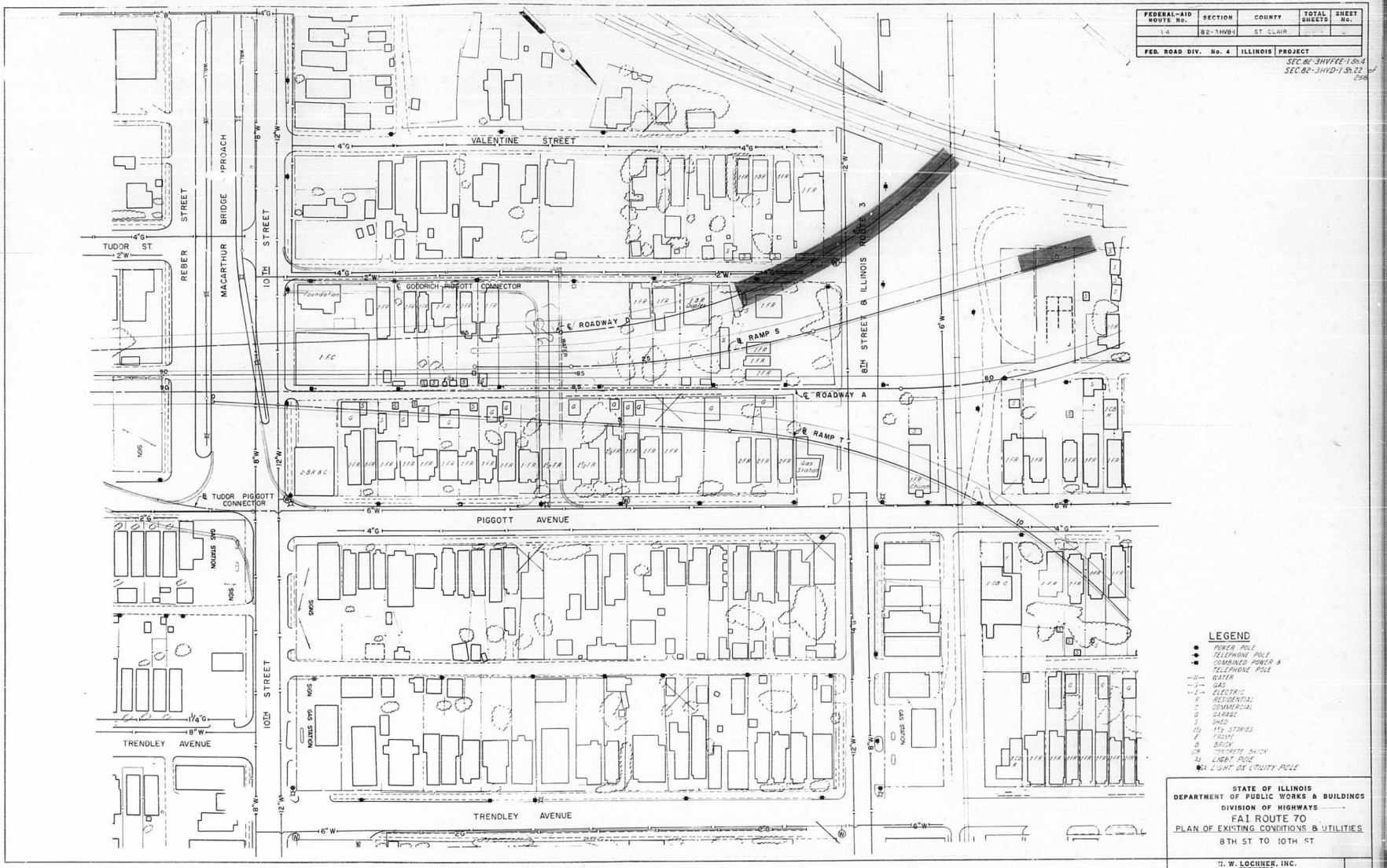
BRIDGE OMISSIONS
Sta. 91+47.49 To Sta. 93+72.04 Rdwy. 'G'

FOR FENCE & GUARD RAIL LOCATIONS ONLY

Rev. 2-13-67 CEM
Added Guardrail Rdwy. G.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70
PLANS
RDWY. 'B' STA. 88+00 TO STA. 95+00
SCALE: 1" = 50'
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.


FEDERAL-AID ROUTE No
SECTION
COUNTY
TOTAL SHEETS
SHEET No
F.A.I. 70
82-3HVB-1
ST. CLAIR
FED. ROAD DIV. No 4
ILLINOIS
PROJECT
SEC 82-3HVFEE-1 Sh 3
SEC 82-3HVD-1 Sh 21 of 24
INDLEY ACCESS ROAD
℄ RAMP S
℄ ROADWAY G
℄ ROADWAY B
℄ ROADWAY C
℄ RAMP V
℄ ROADWAY H
℄ RAMP T
6TH STREET
PIGGOTT AVE
TROJOLY AVE
MARKET AVE
BOND AVE
8TH. ST.
STP
LEGEND
POWER POLE
TELEPHONE POLE
COMBINED POWER & TELEPHONE POLE
WATER
GAS
ELECTRIC
RESIDENTIAL
COMMERCIAL
GARAGE
SHED
1½ STORIES
FRAME
BRICK
CB CONCRETE BRICK
LIGHT ON POWER POLE
Note: All utility lines and structures shown have been plotted from available records. The relationship between proposed work and existing facilities, structures and utilities must be considered approximate and is the Contractors responsibility to determine their exact location and the existence of any not shown.
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
FAI ROUTE 70
PLAN OF EXISTING CONDITIONS & UTILITIES
PIGGOTT AVE. TO BOND AVE.
SCALE 1" = 50'
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
I-4	82-1HVBI	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

SEC. 82-3HVFEE-1 Sh. 4
SEC. 82-3HVD-1 Sh. 22

LEGEND

- POWER POLE
- TELEPHONE POLE
- COMBINED POWER & TELEPHONE POLE
- —W— WATER
- —G— GAS
- —E— ELECTRIC
- R RESIDENTIAL
- C COMMERCIAL
- G GARAGE
- S SHED
- 1½ 1½ STORIES
- F FRAME
- B BRICK
- CA CONCRETE BLOCK
- LIGHT POLE
- LIGHT ON UTILITY POLE

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

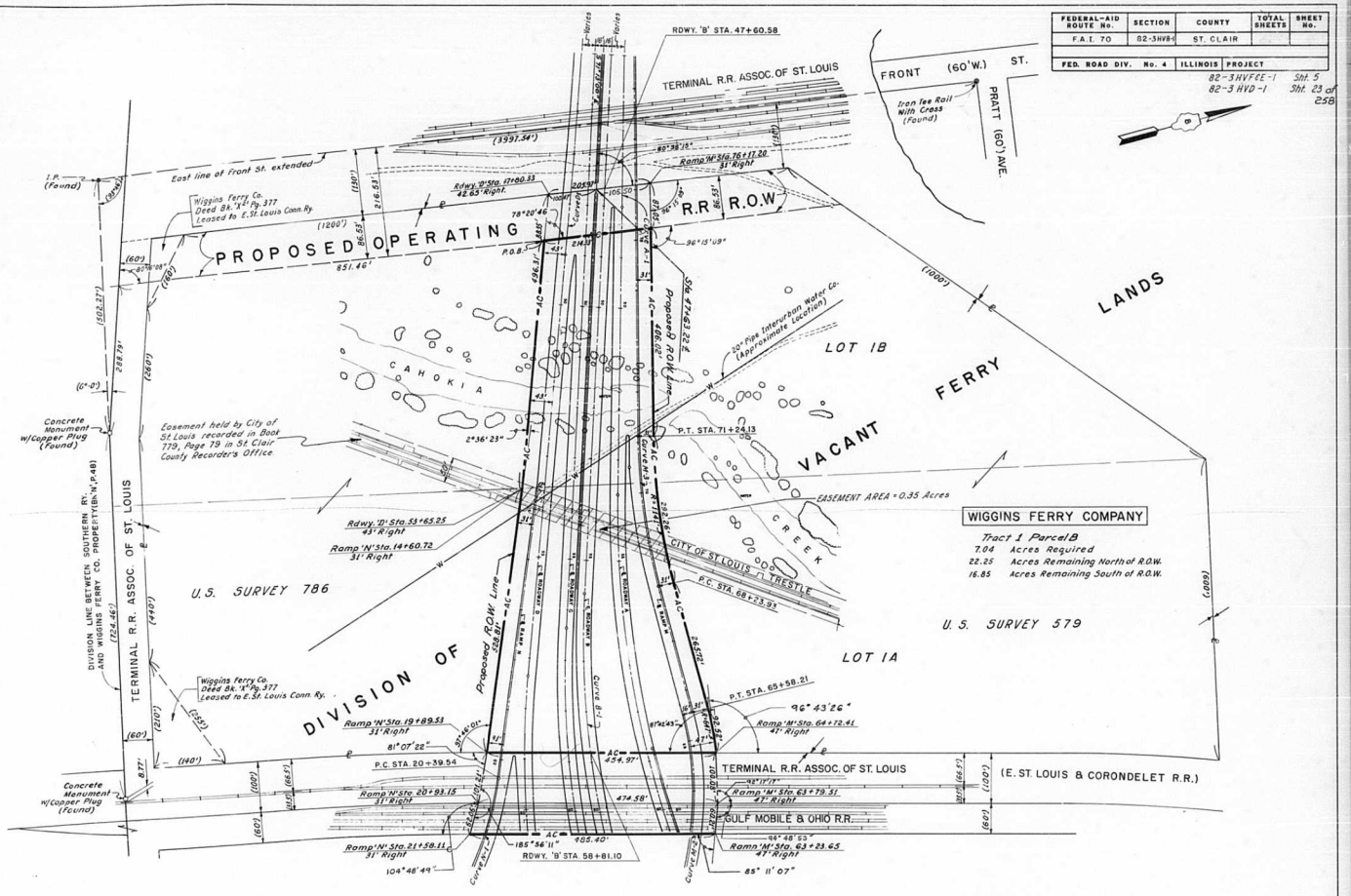
FAI ROUTE 70
PLAN OF EXISTING CONDITIONS & UTILITIES
8TH ST. TO 10TH ST.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

CURVE A-1	CURVE B-1	CURVE D-1
P.I. = 44+49.79	P.I. = 76+37.10	P.I. = 44+99.74
Δ = 1°57'51"	Δ = 97°39'16"	Δ = 2°17'29"
D = 0°16'51"	D = 3°09'24"	D = 0°17'12"
R = 20,405.00'	R = 1815.00'	R = 19,988.00'
L = 699.51'	L = 3093.47'	L = 799.37'
T = 349.79'	T = 2075.25'	T = 399.74'
E = 3.00'	E = 941.97'	E = 4.00'

CURVE M-2	CURVE M-3	CURVE N-1
P.I. = 62+15.89	P.I. = 69+74.86	25+09.37
Δ = 91°18'24"	Δ = 14°40'34"	Δ = 87°42'14"
D = 9°32'57"	D = 4°53'19"	D = 8°11'06"
R = 600'	R = 1172'	R = 700'
L = 956.16'	L = 300.20'	L = 827.57'
T = 613.84'	T = 150.93'	T = 469.82'
E = 258.37'	E = 9.68'	E = 143.05'

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HV8-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		
		82-3HVFEE-1	Sht. 5	
		82-3HVD-1	Sht. 23 of 258	



LEGEND

—AC— Access Control and Right of Way line
Property line
(100') Recorded dimension
100' Measured dimension
Right of Way line

FOR INFORMATION ONLY

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

by _____ Illinois Land Surveyor #886 _____ Date

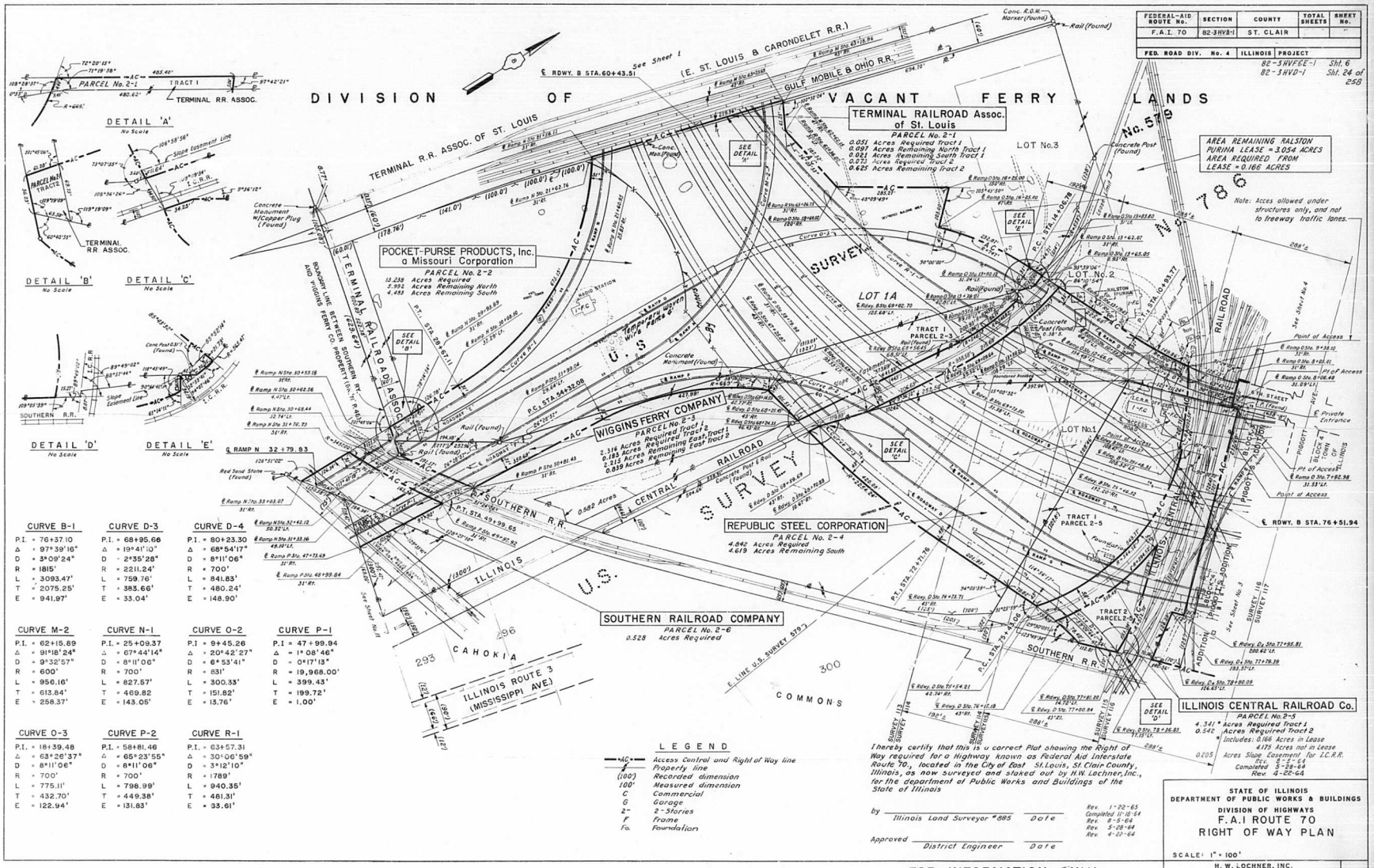
Approved _____ District Engineer _____ Date

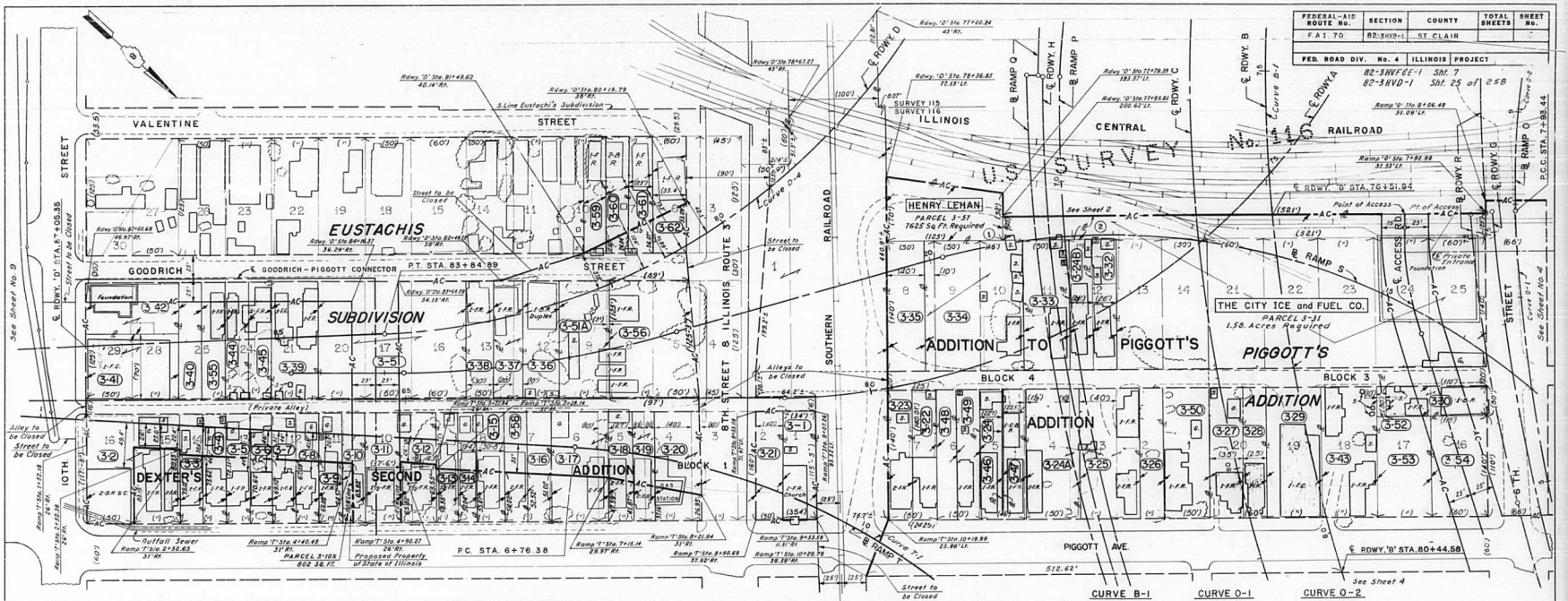
Completed 5-28-64

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I ROUTE 70
RIGHT OF WAY PLAN
STA. 47+60.58 TO STA. 58+81.10
SCALE: 1" = 100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FOR INFORMATION ONLY


DIVISION OF VACANT FERRY LANDS
TERMINAL RAILROAD Assoc. of St. Louis
PARCEL No. 2-1
0.051 Acres Required Tract 1
0.097 Acres Remaining North Tract 1
0.021 Acres Remaining South Tract 1
0.073 Acres Required Tract 2
0.625 Acres Remaining Tract 2
POCKET-PURSE PRODUCTS, Inc.
a Missouri Corporation
PARCEL No. 2-2
13.238 Acres Required
5.893 Acres Remaining North
4.483 Acres Remaining South
WIGGINS FERRY COMPANY
PARCEL No. 2-3
2.316 Acres Required Tract 2
0.185 Acres Required Tract 1
2.315 Acres Remaining East Tract 2
0.859 Acres Remaining East Tract 1
REPUBLIC STEEL CORPORATION
PARCEL No. 2-4
4.842 Acres Required
4.619 Acres Remaining South
SOUTHERN RAILROAD COMPANY
PARCEL No. 2-6
0.528 Acres Required
ILLINOIS CENTRAL RAILROAD Co.
PARCEL No. 2-5
4.341 ± Acres Required Tract 1
0.340 ± Acres Required Tract 2
Includes: 0.166 Acres in Lease
4.175 Acres not in Lease
0.205 Acres Slope Easement for I.C.R.R.
AREA REMAINING RALSTON PURINA LEASE = 3.054 ACRES
AREA REQUIRED FROM LEASE = 0.166 ACRES
Note: Acces allowed under structures only, and not to freeway traffic lanes.
TERMINAL R.R. ASSOC. OF ST. LOUIS
(E. ST. LOUIS & CARONDELET R.R.)
GULF MOBILE & OHIO R.R.
TERMINAL RAILROAD ASSOCIATION
SOUTHERN R.R.
CENTRAL RAILROAD
ILLINOIS CENTRAL R.R.
U.S. 40
U.S. 66
ILLINOIS ROUTE 3 (MISSISSIPPI AVE)
CAHOKIA
COMMONS
LOT No.1
LOT No.2
LOT No.3
LOT 1A
TRACT 1 PARCEL 2-3
TRACT 1 PARCEL 2-5
TRACT 2 PARCEL 2-5
SURVEY 1786
SURVEY 579
SURVEY 116
SURVEY 117
SURVEY 113
SURVEY 114
SURVEY 115
BLOCK 4 TOWN OF ILLINOIS
BLOCK 5 TOWN OF ILLINOIS
PIGGOTT'S ADDITION
PIGGOTT'S 2nd ADDITION
RALSTON PURINA
RADIO STATION KFUO
Concrete Monument W/Copper Plug (Found)
Concrete Post (Found)
Concrete Monument (Found)
Rail (Found)
Red Sand Stone (Found)
Boundary line between Southern Ry. and Wiggins Ferry Co. property (Ent. Pat.)
Temporary Wire Fence
Point of Access
Pt of Access
Private Entrance
6th STREET
E. RDWY. B STA. 60+43.51
E. RDWY. B STA. 76+51.94
E. RAMP N 32+79.83
DETAIL 'A' No Scale
DETAIL 'B' No Scale
DETAIL 'C' No Scale
DETAIL 'D' No Scale
DETAIL 'E' No Scale
SEE DETAIL 'A'
SEE DETAIL 'B'
SEE DETAIL 'C'
SEE DETAIL 'D'
SEE DETAIL 'E'
See Sheet 1
See Sheet No. 3
See Sheet No. 11
See Sheet No. 4
See Sheet No. 5
See Sheet No. 6
See Sheet No. 7
See Sheet No. 8
See Sheet No. 9
See Sheet No. 10
E. LINE U.S. SURVEY 579
Slope Easement Line
Temporary Wire Fence
Ramp Pillar
Ramp Pillar (Found)
Ramp Pillar (Set)
Ramp Pillar (Reset)
Ramp Pillar (Found) Reset
Ramp Pillar (Found) Reset 0.2' Ft.
Ramp Pillar (Found) Reset 0.3' Ft.
Ramp Pillar (Found) Reset 0.4' Ft.
Ramp Pillar (Found) Reset 0.5' Ft.
Ramp Pillar (Found) Reset 0.6' Ft.
Ramp Pillar (Found) Reset 0.7' Ft.
Ramp Pillar (Found) Reset



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3WVD-1	ST. CLAIR		

FED. ROAD DIV. No. 4 | ILLINOIS | PROJECT

82-3WF6E-1 Sht. 7
82-3WVD-1 Sht. 25 of 258

SURVEYED PLOTTED AREAS NOTE BOOK AREAS CHECKED

SURVEY PLOTTED NOTE BOOK AREAS AREAS CHECKED

PIGGOTT'S ADDITION TO TOWN OF ILLINOIS (1)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-27	pt.20	3	WILLIAM A. KOPP & ANITA E. KOPP, his wife	4,900	0
3-28	pt.20	3	GEORGE NELSON & LEONA NELSON, his wife	3,500	0
3-29	19	3	MODERN ENGINEERING COMPANY, INC.	8,400	0
3-30	pt.18	3	ESAU FUNCHES & NETTIE FUNCHES, his wife	3,300	0
3-52	pt.17	3	EMMA L. VEACH	300	0
3-45	18	3	JIM MADISON & CREALOR MADISON, his wife	8,400	0
3-53	pt.17	3	GROVER C. SIBLEY	6,600	0
3-54	pt.16	3	HARRY ELDRIDGE and GEORGIA L. ELDRIDGE, his wife	6,600	0

(1) BOOK OF PLATS 'T', PAGE 117

ADDITION TO PIGGOTT'S ADDITION OF THE TOWN OF ILLINOIS (2)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-23	pt.7	4	JESSE NUNN & IDELLA NUNN, his wife	3,553	0
3-24	pt.5 pt.6 pt.7	4	ANGELO E. CASTELLANI & ANNA N. CASTELLANI, his wife	9,133	0
3-25	pt.3	4	PHILLIP M. COHN Jr.	9,100	0
3-26	pt.2	4	KRISTLE SUGATT RANDLE	3,500	0
3-22	pt.7	4	FRITZ SILBERMAN and FLORENCE E. SILBERMAN, his wife	3,447	0
3-32	pt.12	4	MAHALIE WOODS	3,640	0
3-55	11	4	FLOYD HAWKINS & NANCY HAWKINS, his sister	7,000	0
3-34	pt.8, 9, 10	4	PHILIP DAVIS	14,840	0
3-35	pt.8	4	BRUCE H. LEW and LOUIS E. MITAUER	5,600	0
3-46	pt.5	4	SAMMY CONNOR Sr., MATTIE CONNOR, his wife and SAMMY CONNOR Jr.	3,080	0
3-47	pt.4, pt.5	4	SIMON HOUSTON and ANNIE HOUSTON, his wife	3,360	0
3-48	pt.6	4	EUGENE and ROBERT MAULE and EUGENIA SICKAGE	3,500	0
3-49	pt.6	4	MICHAEL NLOVANICH and FRANK NALIVAYKO	3,500	0
3-50	1	4	HENRY A. HOOVER and ERISENE HOOVER, his wife	7,000	0

(2) BOOK OF PLATS 'B', PAGE 21

DEXTER'S SECOND ADDITION TO THE CITY OF EAST ST LOUIS (3)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-1	1	1	D. KENNETH RANK and MILDRED RANK, his wife	4,008	0
3-1, 3-1A	13 & 16	1	THEODORE N. MAREVELY	7,471	4,082
3-3	pt.14	1	LEON THOMPSON & SAVANAH THOMPSON, his wife	1,075	1,659
3-4	pt.14	1	CORNELL DAUGHERTY & GRACE KING, his mother	1,110	1,822
3-5	pt.13	1	CHARLES KLINE	1,147	1,784
3-6	pt.13	1	ALEXANDER J. BOGDAN & MARGERET BOGDAN, his wife	1,183	1,746
3-7	pt.12	1	MILES HOWARD & SAVANNAH T. HOWARD, his wife	1,218	1,709
3-8	pt.12	1	FRITZ SILBERMAN	1,254	1,671
3-9	pt.11	1	AMESA C. COLEMAN & MARGARET COLEMAN, his wife	1,291	1,633
3-10	pt.11	1	LOUIS STREETER & CORNELIA STREETER, his wife	2,120	0
3-11	pt.10	1	HAZEL HOLLIS	4,379	0
3-12	pt.9, pt.10	1	HENRY LOUIS DOWELL & SARAH DOWELL, his wife	1,948	2,426
3-13	pt.9	1	JAMES A. TOLSON & ADA TOLSON, his wife	1,470	1,445
3-14	pt.8	1	EARNEST OUTLAW & VERTIE MAE OUTLAW, his wife	1,162	1,091
3-15	pt.8	1	ANNIE I. BALL & LEO BALL, her husband	1,885	1,685
3-16	pt.7	1	PAUL MEYER	1,614	1,294
3-17	pt.6, pt.15	1	BERTHA GREENBERG	4,017	2,952
3-18	pt.5	1	ELLEN V. SHELTON	1,929	1,205
3-19	pt.4, pt.5	1	MARY E. GEROLD	1,759	909
3-20	pt.3, pt.4	1	JOSEPH A. TROY, Jr.	4,190	1,602
3-21	pt.2	1	CITY PRODUCTS CORPORATION & CORPORATION of OHIO	3,468	0
3-58	pt.7	1	ISABELLA BRIDGES and SECOLA WHITE	1,578	1,332
3-10X	pt.11	1	LOUIS STREETER and CORNELIA STREETER, his wife	802	0

(3) BOOK OF PLATS 'F' PAGE 1

RE-SURVEY OF EUSTACHI'S OF LOT 13 IN SURVEY NO. 116 (4)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
3-36	pt.12		FRANK BANKS & MABEL BANKS, his wife	5,000	0
3-37	pt.12, pt.13		MAGGIE TATE	3,750	0
3-38	pt.13		ARTHUR P. MEYER & ELNORA B. MEYER, his wife	3,750	0
3-39	21		ERNEST J. HOFFINGER & RAYMOND HOFFINGER	6,250	0
3-40	pt.25		ALEX DOMYAN & SHIRLEY M. DOMYAN, his wife	3,125	0
3-41	pt.26, pt.25		ROSE DOMYAN	7,000	0
3-42	pt.26, pt.25		ARTHUR C. DOUGLAS & BESSIE DOUGLAS, his wife	5,500	0
3-44	pt.24		EDWARD R. HOLLMAN and DOROTHY LEE HOLLMAN, his wife	3,125	0
3-45	pt.24		CHARLES DOMYAN Jr. and ALEX DOMYAN	3,125	0
3-47	16, 17, 18		ESTATE of GEORGE SCHAUB	20,000	0
3-51A	pt.8, 9		ESTATE of GEORGE SCHAUB	6,625	0
3-56	pt.3, pt.4		JEFF SMITH and BEAULAH SMITH, his wife	11,525	0
3-59	pt.10		KENNETH RANK and MILDRED RANK, his wife	150	2975
3-60	pt.7		LOUIS N. RANK	451	2674
3-61	pt.7		WILLIAM P.A. RANK	751	2374
3-62	pt.6		LEO L. RANK and ANTOINETTE RANK, his wife	1,578	2,847
3-55	pt.25		ARNOLD COHN	3,125	0

(4) BOOK OF PLATS 'D' PAGE 137

CURVE B-1
P.I. = 76+37.10
Δ = 97° 39' 16"
D = 3° 09' 24"
R = 1815'
L = 3093.47'
T = 2075.25'
E = 941.97'

CURVE O-1
P.I. = 4+02.17
Δ = 23° 05' 03"
D = 2° 54' 34"
R = 1969.33'
L = 793.44'
T = 402.17'
E = 40.65'

CURVE O-2
P.I. = 2+45.26
Δ = 20° 42' 27"
D = 6° 53' 41"
R = 831'
L = 300.33'
T = 151.62'
E = 13.76'

CURVE D-4
P.I. = 80+23.30
Δ = 68° 54' 17"
D = 8° 11' 06"
R = 700'
L = 841.83'
T = 480.24'
E = 148.90'

CURVE T-1
P.I. = 10+04.42
Δ = 50° 13' 06"
D = 8° 11' 06"
R = 700'
L = 613.53'
T = 328.04'
E = 73.05'

LEGEND
- —AC— Access Control and Right of Way Line
- Property line
- Same Ownership
- Existing R.O.W. line
- (100') Recorded dimension
- 100' Measured dimension
- (1), 10 Lot Number
- R Residential
- C Commercial
- G Garage
- S Shed
- 1½ 1½-Stories
- F Frame
- B Brick
- Proposed R.O.W. Line
- —AC— Access Control Line

Rev. 8-5-64 Completed 5-28-64 Rev. 3-16-64

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

by _____ Illinois Land Surveyor # 885 _____ Date

Approved _____ District Engineer _____ Date

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I. ROUTE 70
RIGHT OF WAY PLAN
10TH. STREET TO 6TH. STREET
SCALE: 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FOR INFORMATION ONLY

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3NVB-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT	82-3NVFEE-1 82-3NVD-1	Sht. 8 Sht. 26 of 258

TOWN OF ILLINOIS (1)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-11	pt.10	4	PLEAS JONES and CLARA JONES, his wife	3,150	0
4-12	pt.10	4	JOSEPH L. GEROLD and MARGARET L. GEROLD, his wife	5,250	0
4-13	pt.8	4	JIMMIE WARE and LUEELLA WARE, his wife	2,800	0
4-14	pt.8	4	ETHEL STACK and CATHERINE IRENE O'LEARY	280	0
4-15	pt.8	4	REVETTER COLEMAN	5,320	0
4-16	pt.7	4	REAL ICASON McALLISTER and PETE REASON, her son	4,900	0
4-17	pt.7	4	HARRY THOMAS and MAMIE THOMAS, his wife	3,500	0
4-18	6	4	FRITZ SILBERMAN	8,400	0
4-19	pt.1	4	VOICE PREATHER and CORA ANN PREATHER, his wife	2,100	0
4-20	pt.1	4	GASTON DIXON	2,100	0
4-21	pt.1	4	RICHARD PAYNE and PECOLA PAYNE, his wife	4,200	0
4-22	pt.2	4	CONSTANT HILL and REBECCA L. HILL	2,100	0
4-23	pt.2	4	DAVID CONRAD and TRESSIE LEE CONRAD, his wife	1,200	0
4-24	pt.3	4	MAURICE COPILEVITZ and ROSE COPILEVITZ, his wife	4,200	0
4-25	pt.3	4	HERBERT E. HOTTES	4,200	0
4-26	pt.4,pt.5	4	JOSEPHINE HILL and EDGAR HILL, her husband, and ROBERT H. REED and DARLINE R. REED, his wife	4,800	0
4-27	pt.4,pt.5	4	JOHN LAMBERT	3,600	0
4-28	pt.1	3	ARNOLD COHN	2,400	0
4-29	pt.1	3	FRANK IRONS and DECILE IRONS, his wife	6,000	0
4-30	pt.2	3	FLORENCE T. MEREDITH	4,200	0
4-31	pt.2,pt.3	3	ISIAH ANDERSON and LOU ANNA ANDERSON, his wife	5,040	0
4-32	pt.4	3	JOHN W. ATCHISON	4,480	0
4-33	pt.8	3	HERBERT E. HOTTES	4,200	0
4-38	pt.3	3	ALBERT JONES and MATTIE JONES, his wife	3,500	0
4-39	pt.3	3	EUGENIA SICKAGE	700	0
4-40	9	4	INTERSTATE BOND Co.	8,400	0
4-41	pt.2	4	ELIZABETH CAMPBELL, et. al.	2,100	0
4-42	pt4,pt5	4	BEN ROWRY and VERDA B. ROWRY, his wife	3,600	0
4-43	pt4,pt5	4	SAM GOLDSTEIN and MINNIE GOLDSTEIN, his wife	4,800	0
4-44	pt.3	3	EDWARD P. HOLLMAN and DOROTHY LEE HOLLMAN, his wife	3,360	0
4-45	pt.4	3	ROSINELLE MARIE NELSON	1,920	0
4-46	5	3	CHESTER COLEMAN and LILLIAN COLEMAN, his wife	3,291	5,109
4-62	pt.8	3	FRANK CASON and MARY LUE CASON, his wife	4,200	0

(1) BOOK OF PLATS 'C', PAGES 314 & 315

EDGAR AME'S ADDITION TO EAST ST. LOUIS (2)

PARCEL NO.	LOT NO.	BLOCK NO	OWNER	AREA REQ'D SQ FT	REMAINDER SQ. FT.
4-1	pt.13	1	LAFAYETTE WEBSTER and MARY E. WEBSTER, his wife	3,500	0
4-2	pt.13	1	SAM GOLDSTEIN	3,500	0
4-3	pt.14	1	EDWARD KIMME and KATIE KIMME, his wife	3,500	0
4-4	pt.14	1	ROBERT JONES and ANNA NESBITT	3,500	0
4-5	pt.15	1	FRITZ SILBERMAN	3,500	0
4-6	pt.15	1	ROBERT HUDSON Jr. and MAGGIE HUDSON, his wife	3,500	0
4-7	pt.16	1	WILLI MAE BROWN	3,500	0
4-8	pt.16	1	ALBERTA M. ELLIOTT and QUINTON ELLIOTT, her husband	3,500	0
4-9	pt. 2	1	PHILIP H. CONN Jr.	3,500	0
4-10	1	1	STANLEY W. GREGORONICZ and VIDA MAE GREGORONICZ, his wife	7,000	0
4-46	pt.10	1	BRUCE H. LEW and LOUIS E. MITAUER	5,600	0
4-47	pt.10	1	JEREMIAH LEHAN and MARY LEHAN, his wife	1,669	0
4-48	11	1	ALBERT A. HEQUEMBOURG and CATHERINE R. HEQUEMBOURG, his wife	7,000	0
4-49	pt.12	1	SAMUEL STEWART and MINNIE STEWART, his wife	3,500	0
4-50	pt.12	1	C.J. SIERON	3,500	0
4-51	pt.6	1	GILNAZ BAKAIAN and ARMAN BAKAIAN, her husband	347	3,153
4-52	pt.5	1	DONNIE ELIZABETH PLAYER	647	1,775
4-53	pt.5	1	EMMETT FARRELL and ETHEL FARRELL, his wife	1,026	1,494
4-54	pt4,pt5	1	ROSETTA THOMAS	1,461	989
4-55	pt.4	1	WILLIAM R. WEIDMAN	2,520	0
4-56	pt.4	1	JOSEPHINE DUPREE	2,520	0
4-57	pt3,pt4	1	BIRL NICHOLSON and VINNIE LEE NICHOLSON, his wife	2,478	0
4-58	pt.3	1	CHARLIE ANN ROGERS and ELSIE DROGERS	2,590	0
4-59	pt2,pt3	1	HAROLD G. BAKER	7,000	0

(2) BOOK OF PLATS 'E' PAGE 40

FRANK B. BOWMAN SUBDIVISION OF LOTS 9 & 10 IN BLOCK 3 OF THE PLATTED TOWN OF ILLINOIS (4)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-34	1,2	–	L.C. WALL	6,000	0
4-35	4,5	–	OLLIE WARD and ELLA WARD, his wife	7,800	0
4-45	3	–	ELLA H. DEBIKE	3,000	0

(4) BOOK OF PLATS 'B', PAGE 104

FRANK B. BOWMAN SUBDIVISION OF LOTS 6 & 7 IN BLOCK 3 OF THE PLATTED TOWN OF ILLINOIS (5)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-62	4,5		FRANK CASON and MARY LUE CASON, his wife	1,771	6,029
4-63	3		RUBILEE WEIHL	1,117	1883
4-64	1,2		IDA MAE HIGGINS	2,959	3,041

(5) BOOK OF PLATS 'B', PAGE 104

CURVE B-I
P.I. = 76+37.10
Δ = 97°39'16"
D = 3°09'24"
R = 1815'
L = 3093.47'
T = 2075.25'
E = 941.97'

CURVE O-I
P.I. = 4+02.17
Δ = 23°05'03"
D = 2°54'34"
R = 1969.33'
L = 793.44'
T = 402.17'
E = 40.65'

CURVE T-I
P.I. = 10+04.42
Δ = 50°13'06"
D = 8°11'06"
R = 700'
L = 613.53'
T = 328.04'
E = 73.05'

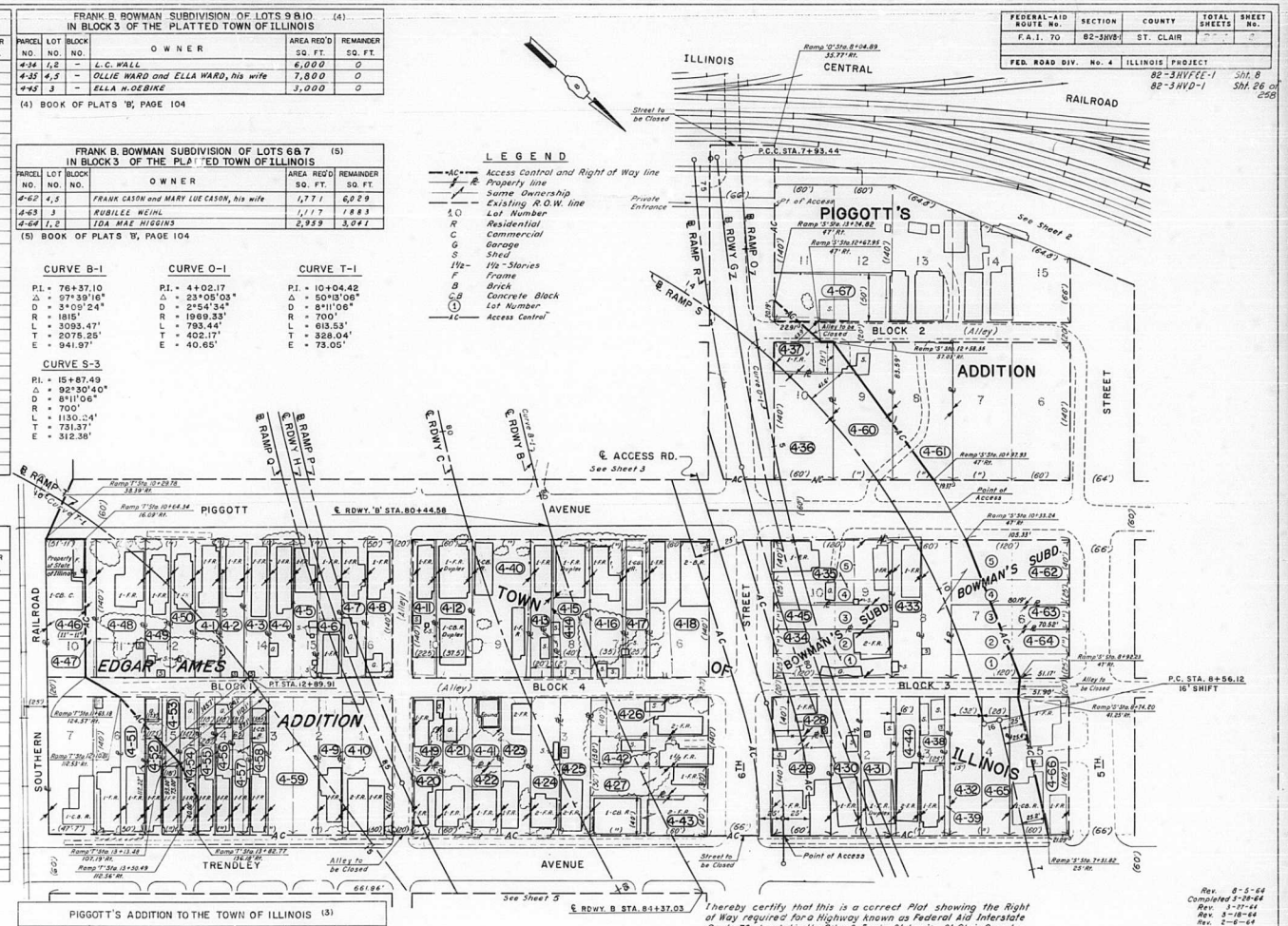
CURVE S-3
P.I. = 15+87.49
Δ = 92°30'40"
D = 8°11'06"
R = 700'
L = 1130.24'
T = 731.37'
E = 312.38'

PIGGOTT'S ADDITION TO THE TOWN OF ILLINOIS (3)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
4-36	pt.10	2	THOMAS LEWIS and JANICE LEWIS, his wife	6,540	0
4-37	pt.10	2	GEORGE WILEY and SARAH WILEY, his wife	1,860	0
4-60	9	2	ESTATE of P.J. PECAU	5,904	2,496
4-61	8	2	FRANK IRONS and DECILE IRONS, his wife	1,150	1,250
4-67	pt.6,pt.7	2	IRENE REEVES	231	5,769

(3) BOOK OF PLATS 'T' PAGE 117

LEGEND
- AC — Access Control and Right of Way line
- Property line
- Same Ownership
- Existing R.O.W. line
- 10 Lot Number
- R Residential
- C Commercial
- G Garage
- S Shed
- 1½ – 1½ - Stories
- F Frame
- B Brick
- C.B Concrete Block
- (1) Lot Number
- AC — Access Control



Rev. 8-5-64
Completed 3-26-64
Rev. 3-17-64
Rev. 3-18-64
Rev. 2-6-64

I hereby certify that this is a correct Plat showing the Right of Way required for a Highway known as Federal Aid Interstate Route 70, located in the City of East St. Louis, St. Clair County, Illinois, as now surveyed and staked out by H.W. Lochner, Inc., for the department of Public Works and Buildings of the State of Illinois

by _____ Illinois Land Surveyor #885 Date _____

Approved _____ District Engineer Date _____

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A.I. ROUTE 70
RIGHT OF WAY PLAN
I.C.R.R. TO TRENDLEY AVENUE

SCALE: 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FOR INFORMATION ONLY

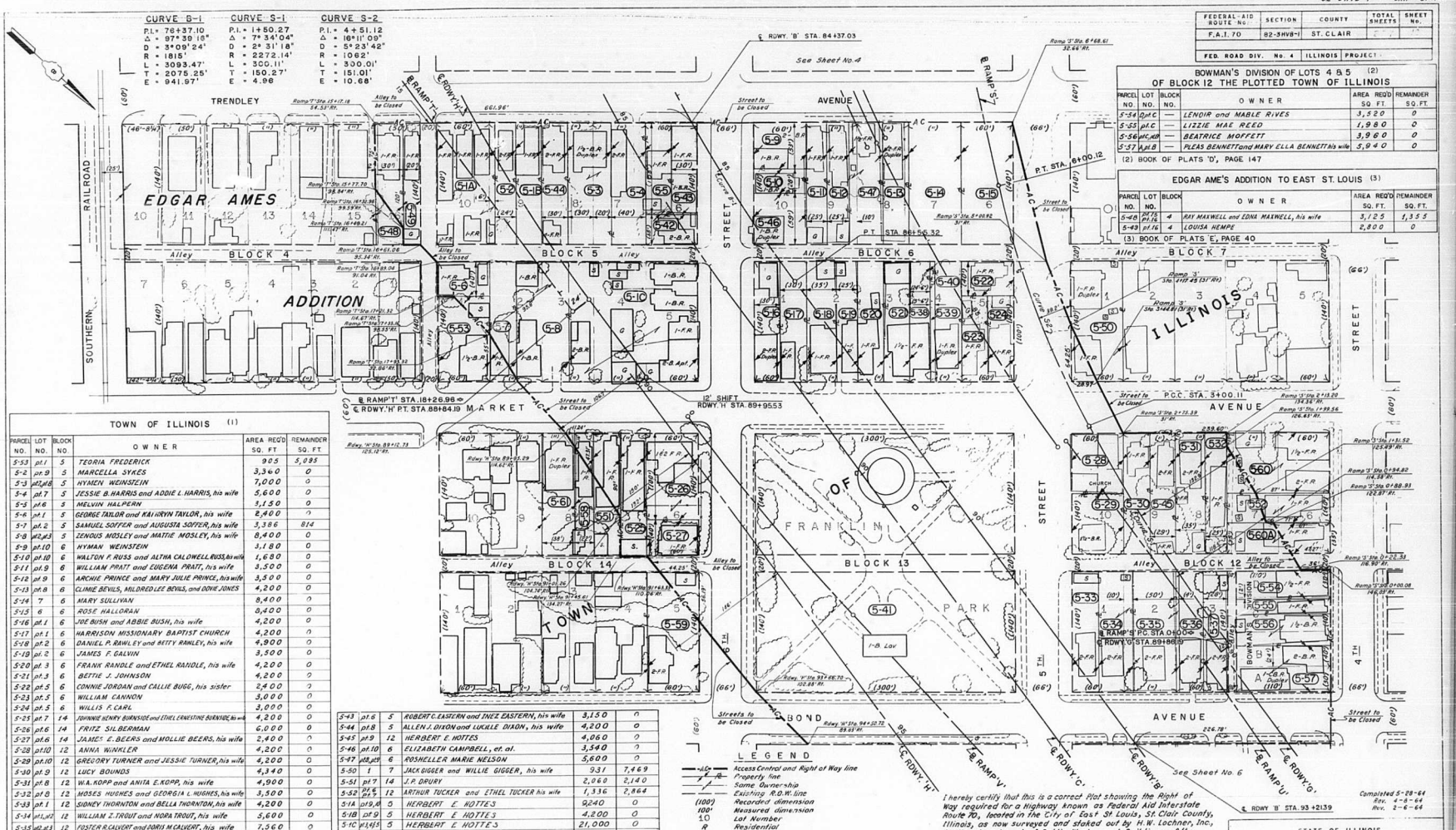
82-3HVFFE-1 Sht. 9
82-3HVU-1 Sht. 21 of 258

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HV8-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT:		

CURVE B-1
P.I. = 76+37.10
Δ = 97° 39' 18"
D = 3° 09' 24'
R = 1815'
L = 3093.47'
T = 2075.25'
E = 941.97'

CURVE S-1
P.I. = 1+50.27
Δ = 7° 34' 04"
D = 2° 31' 18"
R = 2272.14'
L = 300.11'
T = 150.27'
E = 4.96

CURVE S-2
P.I. = 4+51.12
Δ = 18° 11' 09"
D = 5° 23' 42"
R = 1062'
L = 330.01'
T = 151.01'
E = 10.68'



BOWMAN'S DIVISION OF LOTS 4 & 5 (2) OF BLOCK 12 THE PLOTTED TOWN OF ILLINOIS

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-54	pt C	—	LENOIR and MABLE RIVES	3,520	0
5-55	pt C	—	LIZZIE MAE REED	1,980	0
5-56	pt C & D	—	BEATRICE MOFFETT	3,960	0
5-57	pt B	—	PLEAS BENNETT and MARY ELLA BENNETT his wife	3,940	0

(2) BOOK OF PLATS 'D', PAGE 147

EDGAR AME'S ADDITION TO EAST ST. LOUIS (3)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-48	pt 15 pt 16	4	RAY MAXWELL and EDNA MAXWELL, his wife	3,125	1,375
5-49	pt 16	4	LOUISA HEMPE	2,200	0

(3) BOOK OF PLATS 'E', PAGE 40

TOWN OF ILLINOIS (1)

PARCEL NO.	LOT NO.	BLOCK NO.	OWNER	AREA REQ'D SQ. FT.	REMAINDER SQ. FT.
5-53	pt 1	5	TEOBIA FREDERICK	905	5,095
5-2	pt 9	5	MARCELLA SYKES	3,360	0
5-3	pt 1, #8	5	HYMEN WEINSTEIN	7,000	0
5-4	pt 7	5	JESSIE B. HARRIS and ADDIE L. HARRIS, his wife	5,600	0
5-5	pt 6	5	MELVIN HALPERN	3,150	0
5-6	pt 1	5	GEORGE TAYLOR and KAI HRYN TAYLOR, his wife	2,400	0
5-7	pt. 2	5	SAMUEL SOFFER and AUGUSTA SOFFER, his wife	3,386	814
5-8	#2, #3	5	ZENOUS MOSLEY and MATTIE MOSLEY, his wife	8,400	0
5-9	pt. 10	6	HYMAN WEINSTEIN	3,180	0
5-10	pt. 10	6	WALTON F. RUSS and ALTHA CALDWELL RUSS, his wife	1,680	0
5-11	pt. 9	6	WILLIAM PRATT and EUGENIA PRATT, his wife	3,500	0
5-12	pt. 9	6	ARCHIE PRINCE and MARY JULIE PRINCE, his wife	3,500	0
5-13	pt. 8	6	CLINIE BEVILS, MILDRED LEE BEVILS, and DOVIE JONES	4,200	0
5-14	7	6	MARY SULLIVAN	8,400	0
5-15	6	6	ROSE HALLORAN	8,400	0
5-16	pt. 1	6	JOE BUSH and ABBIE BUSH, his wife	4,200	0
5-17	pt. 1	6	HARRISON MISSIONARY BAPTIST CHURCH	4,200	0
5-18	pt. 2	6	DANIEL P. RAWLEY and BETTY RAWLEY, his wife	4,900	0
5-19	pt. 2	6	JAMES F. GALVIN	3,500	0
5-20	pt. 3	6	FRANK RANDLE and ETHEL RANDLE, his wife	4,200	0
5-21	pt. 3	6	BETTIE J. JOHNSON	4,200	0
5-22	pt. 5	6	CONNIE JORDAN and CALLIE BUGG, his sister	2,400	0
5-23	pt. 5	6	WILLIAM CANNON	3,000	0
5-24	pt. 5	6	WILLIS F. CARL	3,000	0
5-25	pt. 7	14	JOHNNIE MAE BURNSIDE and ETHEL LANESTINE BURNSIDE, his wife	4,200	0
5-26	pt. 6	14	FRITZ SILBERMAN	6,000	0
5-27	pt. 6	14	JAMES E. BEERS and MOLLIE BEERS, his wife	2,400	0
5-28	pt. 10	12	ANNA WINKLER	4,200	0
5-29	pt. 10	12	GREGORY TURNER and JESSIE TURNER, his wife	4,200	0
5-30	pt. 9	12	LUCY BOUNDS	4,340	0
5-31	pt. 8	12	W.A. KOPP and ANITA E. KOPP, his wife	4,900	0
5-32	pt. 8	12	MOSES HUGHES and GEORGIA L. HUGHES, his wife	3,500	0
5-33	pt. 1	12	SIDNEY THORNTON and BELLA THORNTON, his wife	4,200	0
5-34	pt. 1, #2	12	WILLIAM Z. TROUT and NORA TROUT, his wife	5,600	0
5-35	#2, #3	12	FOSTER R. CALVERT and DORIS M. CALVERT, his wife	7,560	0
5-36	pt. 3	12	EDWIN J. SIERON	3,920	0
5-37	pt. 3	12	CHARITY PANNELL	3,920	0
5-38	pt. 4	6	GORDON CURD	3,430	0
5-39	pt. 4	6	HAROLD G. BAKER	770	0
5-40	pt. 4	6	JOSEPHINE MORAWSKI and ANDREW MORAWSKI her husband	4,200	0
5-41	All	13	CITY OF EAST ST. LOUIS	89,000	0
5-42	pt. 6	5	JAMES H. OLDHAM and ESTHER OLDHAM, his wife	2,100	0
5-43	pt. 6	5	ROBERT C. EASTERN and INEZ EASTERN, his wife	3,150	0
5-44	pt. 8	5	ALLEN J. DIXON and LUCILLE DIXON, his wife	4,200	0
5-45	pt. 9	12	HERBERT E. HOTTES	4,060	0
5-46	pt. 10	6	ELIZABETH CAMPBELL, et. al.	3,540	0
5-47	#8, #9	6	ROSHELLER MARIE NELSON	5,600	0
5-50	1	7	JACK GIGGER and WILLIE GIGGER, his wife	931	7,469
5-51	pt. 7	14	J.P. DRURY	2,060	2,140
5-52	pt 6 pt 7	12	ARTHUR TUCKER and ETHEL TUCKER his wife	1,336	2,864
5-1A	pt 9, #8	5	HERBERT E. HOTTES	9,240	0
5-1B	pt 9	5	HERBERT E. HOTTES	4,200	0
5-1C	#14, 15	5	HERBERT E. HOTTES	21,000	0
5-58	pt. 8	14	ELDRA ROWERY and ANNA MAE ROWERY, his wife	696	2,384
5-59	4	14	LOUIS D. HAGES and CHERRY L. HAGES, his wife	1,243	7,157
5-60	#4, pt 3	12	HERBERT E. HOTTES	912	7,488
5-60A	#4, pt 3	12	HERBERT E. HOTTES	2,207	1,993
5-61	pt. 8	14	EMMA L. YEACH	90	5,230

(1) BOOK OF PLATS 'C', PAGES 314 & 315

LEGEND

- Access Control and Right of Way line
- Property line
- Same Ownership
- Existing R.O.W. line
- (100') Recorded dimension
- 100' Measured dimension
- 10 Lot Number
- R Residential
- C Commercial
- G Garage
- S Shed
- 1½- 1½ - Stories
- F Frame
- B Brick
- C.B. Concrete Block
- AC Access Control Line

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by _____ Illinois Land Surveyor 885 Date

Approved _____ District Engineer Date

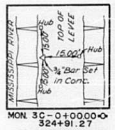
Completed 5-28-64
Rev. 4-8-64
Rev. 2-4-64

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
F.A.I ROUTE 70
RIGHT OF WAY PLAN
TRENDLEY AVE. TO BOND AVE.
SCALE: 1" = 50'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FOR INFORMATION ONLY

REFERENCE TIES TO TRAVERSE LINE



MON. 3C-0+00.00 ◇ 324+91.27



MON. 9A-74+48.66



MON. 17A-133+44.75



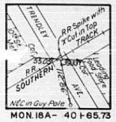
MON. 25A-199+95.30



MON. 4A-5+99.85



MON. 10A-82+71.20



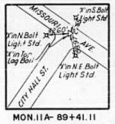
MON. 18A- 40+65.73



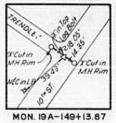
MON 26A-208+30.32



MON. 4C-22+31.74



MON. 11A- 89+41.11



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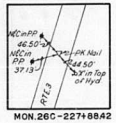
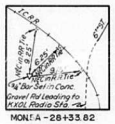
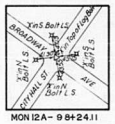


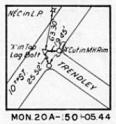
MON. 26C-227+88.42



MON. 1A-28+33.82



MON 12A- 98+24.11



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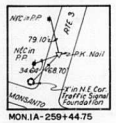
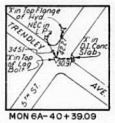
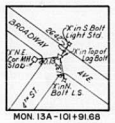


MON.1A-259+44.75



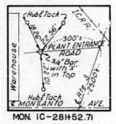
MON 6A-40+39.09



MON. 13A-101+91.68



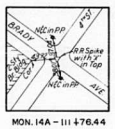
MON. 21A-165+46.42



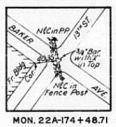
MON. 1C-281+52.71



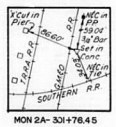
MON 7A-46+65.51



MON. 14A-111+76.44



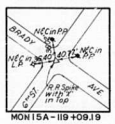
MON. 22A-174+48.71



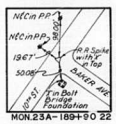
MON 2A-301+76.45



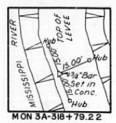
MON.8A-57+46.15



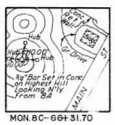
MON 15A-119+09.19



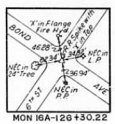
MON.23A-189+90.22



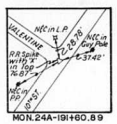
MON 3A-318+79.22



MON.8C-66+31.70



MON 16A-128+30.22



MON.24A-191+60.89

LIST OF BENCH MARKS

B.M. (S & P) ELEV. 413.010
X CUT ON TOP OF BRIDGE PIER WALL
STA. 53+35.27 (F.A.I. 55 & 70) CENTERLINE

B.M. #6 ELEV. 415.721
R.R. SPIKE IN EAST FACE OF POWER POLE ON N. W. CORNER OF 5TH ST. & TRENDLEY AVE.

B.M. #7 ELEV. 416.506
R.R. SPIKE IN NORTH FACE OF POWER POLE ON N. SIDE OF 6TH ST. (44' N.E. OF MONUMENT 7A)

B.M. #8 ELEV. 417.048
X CUT IN S.E. BOLT ON TOP FLANGE OF FIRE HYDRANT (CORNER OF MAIN ST. & CONVERSE AVE.)

B.M. #9 ELEV. 426.283
R.R. SPIKE IN EAST FACE OF POWER POLE 15' N.W. OF CONCRETE MONUMENT 9A.

B.M. #10 ELEV. 419.235
U.S.C. & G.S. MONUMENT R 146 1949 ON S. E. CORNER CONCRETE ABUTMENT OF VETERANS BRIDGE ON N. SIDE OF MISSOURI AVE.

B.M. #11 ELEV. 417. 395
X-CUT IN BOLT OF LIGHT STANDARD ON S.E. CORNER OF MISSOURI AVE. & MAIN ST.

B.M. #12 ELEV. 418.980
X-CUT IN BOLT ON TOP FLANGE OF FIRE HYDRANT ON N. E. CORNER OF MAIN ST. & BROADWAY AVE.

B.M. #13 ELEV. 416.575
X-CUT IN S. W. BOLT OF LIGHT STANDARD ON S. E. CORNER OF 4TH ST. & BROADWAY AVE.

B.M. #14 ELEV. 412.067
R.R. SPIKE IN NORTH FACE OF POWER POLE ON S. E. CORNER OF 4TH ST. & BRADY AVE.

B.M. #15 ELEV. 412.016
X-CUT IN N. E. BOLT ON TOP FLANGE OF FIRE HYDRANT ON S. E. CORNER OF 6TH ST. & BRADY.

B.M. #16 ELEV. 412.182
R.R. SPIKE IN EAST FACE OF POWER POLE ON S. W. CORNER OF 6TH ST. & BOND AVE.

B.M. #17 ELEV. 413.338
X-CUT IN EAST END OF FIRST STEP ON N. SIDE OF FRANKLIN PUBLIC SCHOOL.

B.M. #18 ELEV. 414.526
R.R. SPIKE IN NORTH FACE OF POWER POLE ON S. W. CORNER OF 8TH ST. & TRENDLEY AVE.

B.M. #19 ELEV. 411.788
R.R. SPIKE IN SOUTH FACE OF POWER POLE ON S. W. CORNER OF 10TH ST. & TRENDLEY AVE.

B.M. #20 ELEV. 407.592
R.R. SPIKE IN S. FACE POWER POLE ON N. E. CORNER OF 13TH ST. & TRENDLEY AVE.

B.M. #21 ELEV. 410.879
R.R. SPIKE IN WEST FACE OF POWER POLE ON N. W. CORNER OF 13TH ST. AND BAKER AVE.

B.M. #22 ELEV. 412.554
R.R. SPIKE IN SOUTH FACE OF POWER POLE ON N. W. CORNER OF 10TH ST. & VALENTINE AVE.

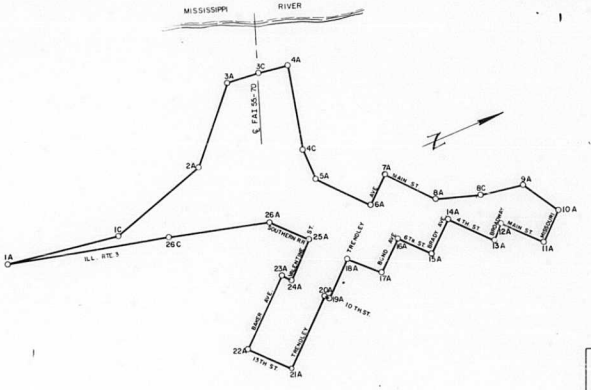
B.M. #23 ELEV. 420.307
X-CUT IN TOP R.R. RAIL DRIVEN VERTICALLY & MARKED MH#6 (41.50' E. OF CONC. MON. 25A)

B.M. #24 ELEV. 415.536
X-CUT IN TOP OF CONCRETE RETAINING WALL (47.20' WEST OF CONC. MON 26A)

B.M. #25 ELEV. 410.214
R.R. SPIKE IN POWER POLE ON THE EAST SIDE OF ROUTE 8 @ McARTHUR BRIDGE.

B.M. #26 ELEV. 404.396
X-CUT IN N. W. CORNER OF CONCRETE ABUTMENT @ CENTER PIER OF ILL. CENTRAL R. R. BRIDGE OVER ILL. RTE. 3.

TRAVERSE POINT	ELEVATION
1C	399.930
2A	420.178
3A	434.060
3C	434.200
4A	434.537
5A	417.721
18A	415.048



GENERAL PLAN OF TRAVERSE LINE
SCALE: 1"=1000'

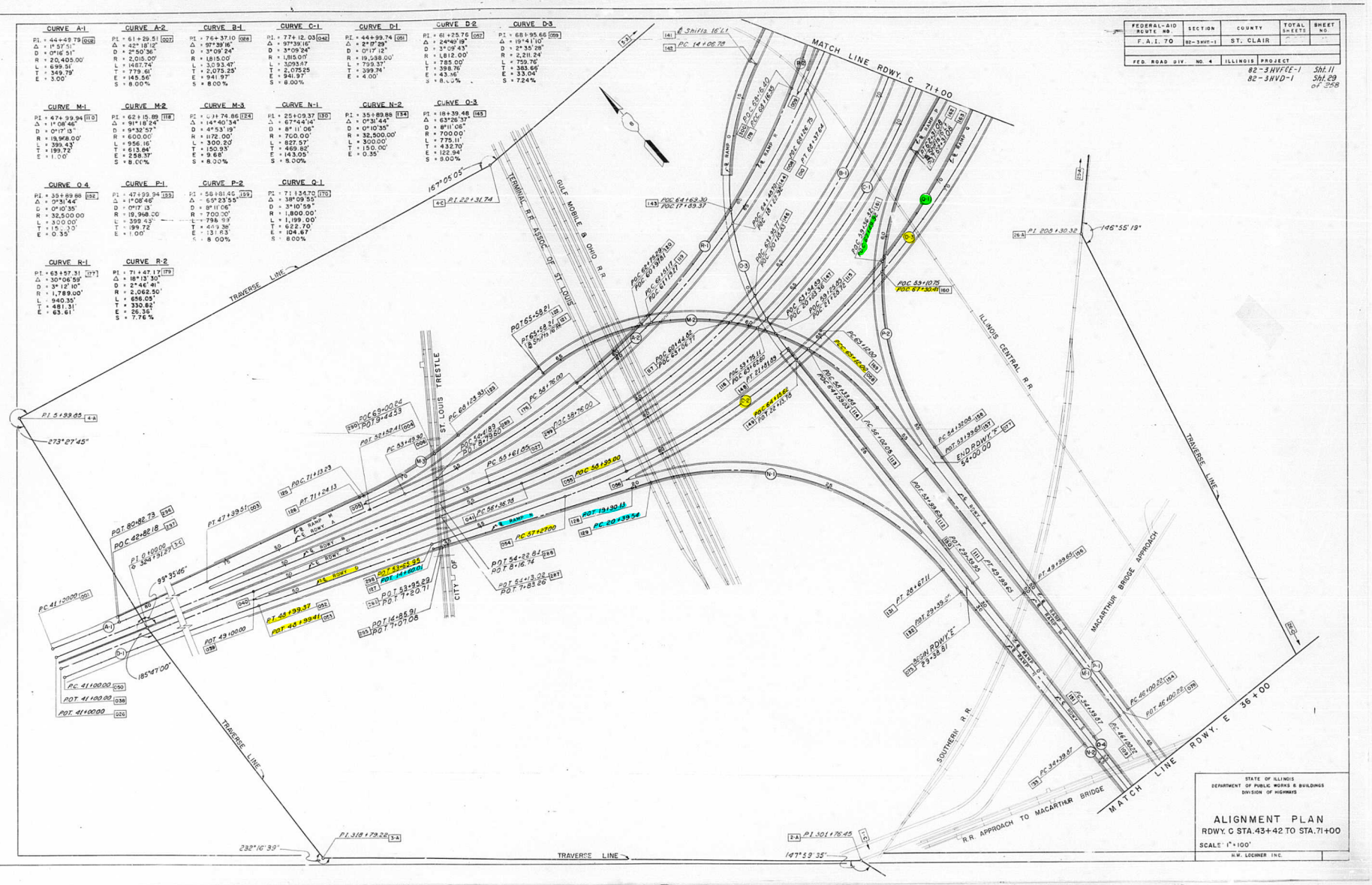
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

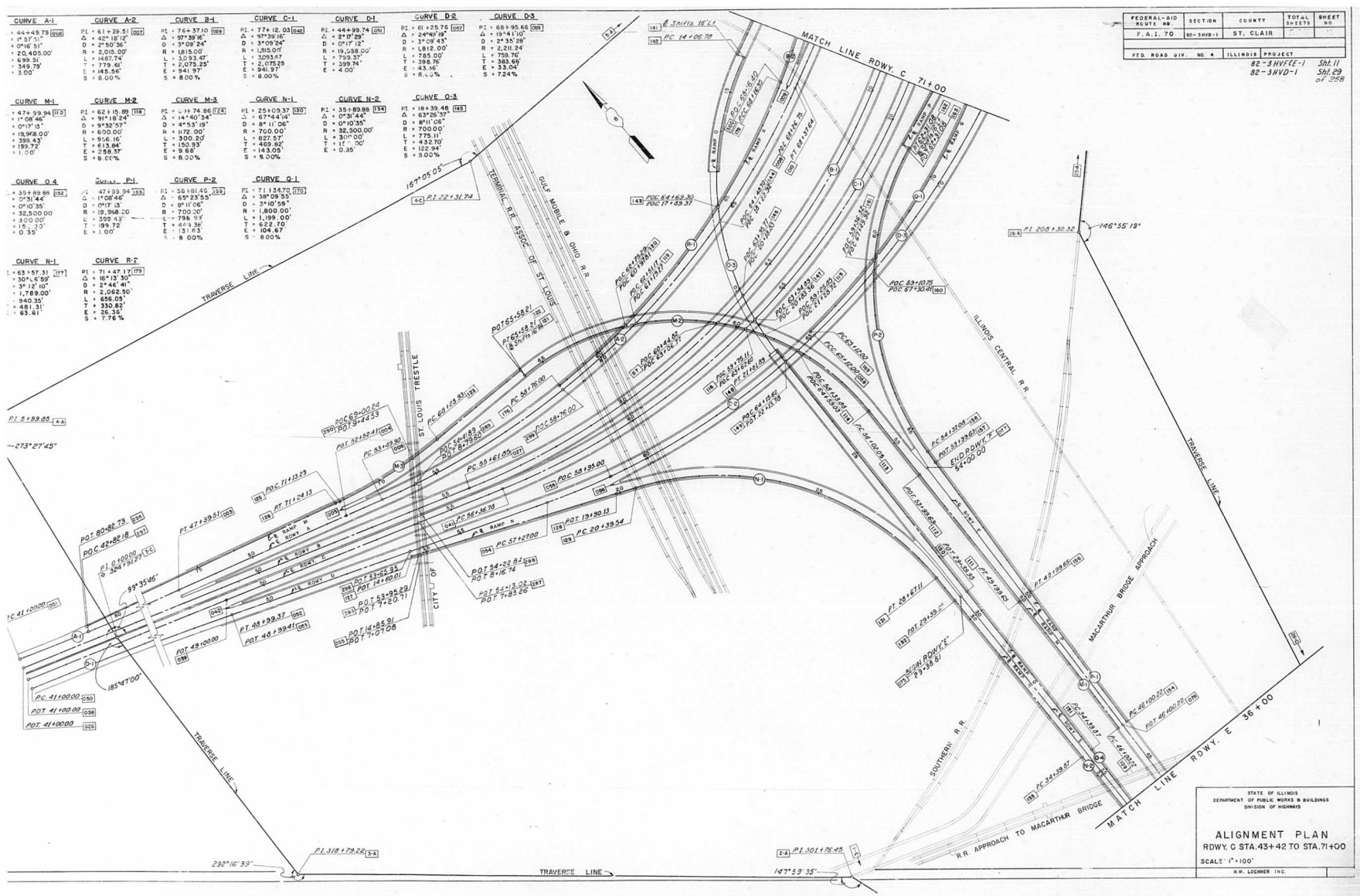
82-3HVFEE-1 Sht. 10
82-3HVD-1 Sht. 28 of 258

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

REFERENCE TIES TO TRAVERSE LINE
LIST OF BENCH MARKS
GENERAL PLAN OF TRAVERSE LINE

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.


CURVE A-1
PI = 44+49.79
Δ = 1° 57' 51"
D = 0°16' 51"
R = 20,405.00'
L = 699.91'
T = 349.79'
E = 3.00'
CURVE A-2
PI = 61+29.51
Δ = 42° 18' 12"
D = 2°50' 36"
R = 2,015.00'
L = 1487.74'
T = 779.61'
E = 145.56'
S = 8.00%
CURVE B-1
PI = 76+37.10
Δ = 97°39' 16"
D = 3°09' 24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%
CURVE C-1
PI = 77+12.03
Δ = 97°39' 16"
D = 3°09' 24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%
CURVE D-1
PI = 44+99.74
Δ = 2° 17' 29"
D = 0°17' 12"
R = 19,998.00'
L = 799.37'
T = 399.74'
E = 4.00'
CURVE D-2
PI = 61+25.76
Δ = 24°40' 19"
D = 3°09' 43"
R = 1,812.00'
L = 785.00'
T = 398.76'
E = 43.16'
S = 8.00%
CURVE D-3
PI = 68+95.66
Δ = 19°41' 10"
D = 2°35' 28"
R = 2,211.24'
L = 759.76'
T = 383.66'
E = 33.04'
S = 7.24%
CURVE M-1
PI = 47+99.94
Δ = 1° 08' 46"
D = 0°17' 13"
R = 19,968.00'
L = 399.43'
T = 199.72'
E = 1.00'
CURVE M-2
PI = 62+15.89
Δ = 91° 18' 24"
D = 9°32' 57"
R = 600.00'
L = 956.16'
T = 613.64'
E = 258.37'
S = 8.00%
CURVE M-3
PI = 64+74.86
Δ = 14° 40' 34"
D = 4°53' 19"
R = 1172.00'
L = 300.20'
T = 150.93'
E = 9.68'
S = 8.00%
CURVE N-1
PI = 25+09.37
Δ = 67°44' 14"
D = 8° 11' 06"
R = 700.00'
L = 827.57'
T = 469.82'
E = 143.05'
S = 8.00%
CURVE N-2
PI = 35+89.88
Δ = 0°31' 44"
D = 0°10' 35"
R = 32,500.00'
L = 300.00'
T = 150.00'
E = 0.35'
CURVE O-3
PI = 18+39.48
Δ = 63°26' 37"
D = 8°11' 06"
R = 700.00'
L = 775.11'
T = 432.70'
E = 122.94'
S = 8.00%
CURVE O-4
PI = 39+89.88
Δ = 0°31' 44"
D = 0°10' 35"
R = 32,500.00'
L = 300.00'
T = 150.00'
E = 0.35'
CURVE P-1
PI = 47+99.94
Δ = 1°08' 46"
D = 0°17' 13"
R = 19,968.00'
L = 399.43'
T = 199.72'
E = 1.00'
CURVE P-2
PI = 58+81.46
Δ = 69°23' 55"
D = 8°11' 06"
R = 700.00'
L = 796.99'
T = 449.38'
E = 131.83'
S = 8.00%
CURVE Q-1
PI = 71+34.70
Δ = 38°09' 55"
D = 3°10' 59"
R = 1,800.00'
L = 1,199.00'
T = 622.70'
E = 104.67'
S = 8.00%
CURVE R-1
PI = 63+57.31
Δ = 30°06' 59"
D = 3° 12' 10"
R = 1,789.00'
L = 940.35'
T = 481.31'
E = 63.61'
CURVE R-2
PI = 71+47.17
Δ = 18°13' 30"
D = 2°46' 41"
R = 2,062.50'
L = 656.05'
T = 330.82'
E = 26.36'
S = 7.76 %
MATCH LINE RDWY. C 71+00
TRAVERSE LINE
GULF MOBILE & OHIO R.R.
TERMINAL R.R. ASSOC. OF ST. LOUIS
ST. LOUIS TRESTLE
CITY OF
ILLINOIS CENTRAL R.R.
MACARTHUR BRIDGE APPROACH
SOUTHERN R.R.
R.R. APPROACH TO MACARTHUR BRIDGE
MATCH LINE RDWY. E 36+00
PI 5+99.65
273° 27' 45"
PI 318+79.22
232° 16' 33"
PI 301+76.45
147° 53' 35"
PI 208+30.32
146° 55' 19"
185° 47' 00"
99° 35' 46"
167° 05' 05"
PI 22+31.74
PI 0+00.00
324°31'27"
PC 41+00.00
POT 41+00.00
PT 47+39.51
PT 48+99.37
POT 48+99.41
POT 49+00.00
POC 42+88.18
POT 80+82.73
POC 63+00.04
POT 59+44.53
POT 52+58.41
PC 53+43.30
PC 54+41.89
POT 8+79.50
PC 55+61.60
PC 56+36.76
PC 56+76.00
PC 58+76.00
PC 56+95.00
PC 57+27.00
PC 60+25.93
PT 71+24.13
POC 71+13.23
POT 53+95.29
POC 141+60.01
POT 53+95.35
POT 14+85.91
POT 7+07.06
POT 53+20.71
POT 54+22.84
POT 8+16.74
POT 54+13.02
POT 7+83.26
POT 19+30.14
PC 20+39.94
PC 63+11.86
POT 22+13.18
PC 63+10.00
PC 63+44.82
POC 63+26.17
PT 63+68.59
POC 63+11.67
POC 63+11.11
POC 63+17.59
POC 63+17.59
POC 64+62.30
POC 17+89.37
POC 64+14.89
POC 18+12.34
POC 64+48.47
POC 20+03.45
POC 64+47.17
POC 20+02.15



FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT	82-3HVFEE-1	Sht. 11
			82-3HVD-1	Sht. 29 of 258

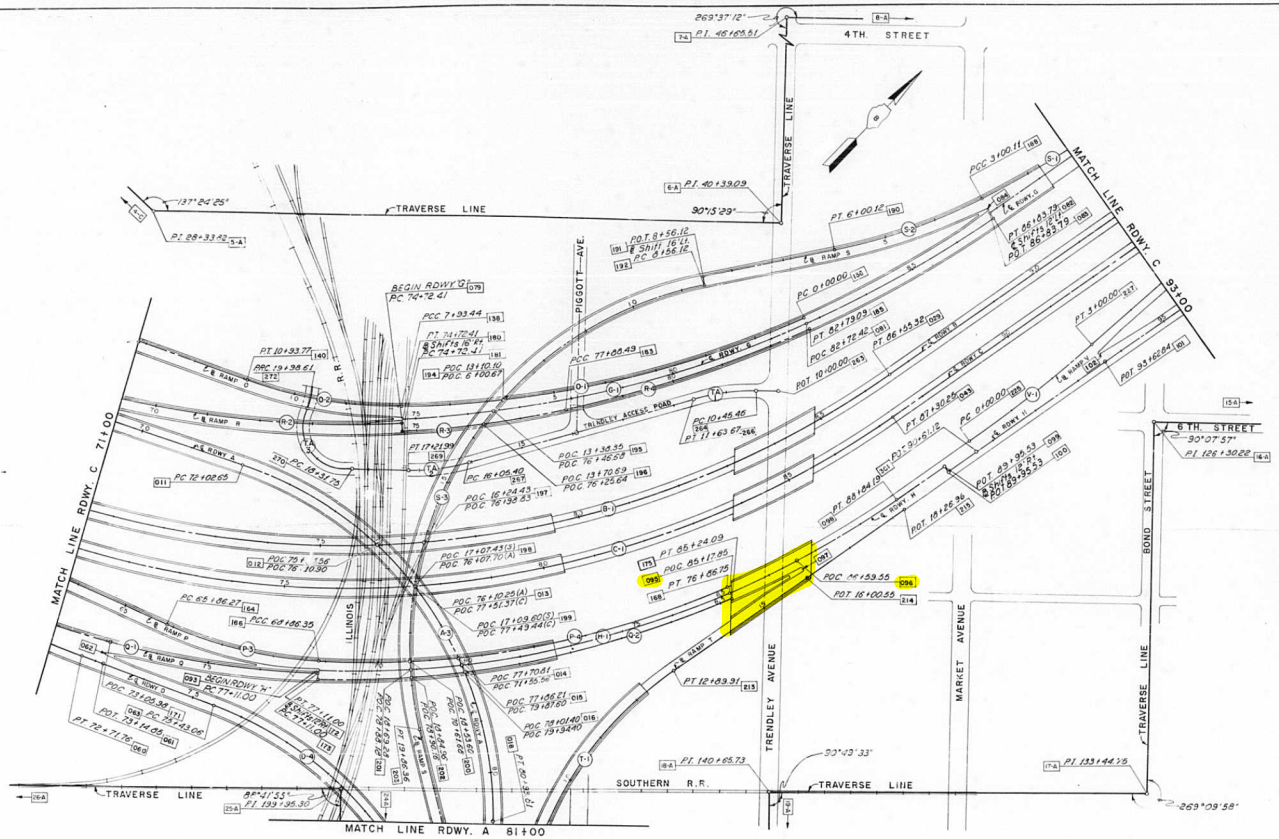
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ALIGNMENT PLAN

RDWY. C STA. 43+42 TO STA. 71+00

SCALE: 1" = 100'

H.W. LOCHNER INC.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

82-3HVFEE-1 Sht. 12
82-3HVD-1 Sht. 30 of 258

CURVE A-3
PI = 77+20.08
Δ = 72°56'32"
D = 8°11'06"
R = 700.00'
L = 891.16'
T = 517.43'
E = 170.48'
S = 8.00%

CURVE B-1
PI = 76+37.10
Δ = 97°39'16"
D = 3°09'24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%

CURVE C-1
PI = 77+12.03
Δ = 97°39'16"
D = 3°09'24"
R = 1,815.00'
L = 3,093.47'
T = 2,075.25'
E = 941.97'
S = 8.00%

CURVE D-4
PI = 80+23.30
Δ = 68°54'17"
D = 8°11'06"
R = 700.00'
L = 841.83'
T = 480.24'
E = 148.90
S = 8.00%

CURVE G-1
PI = 80+94.76
Δ = 32°23'22"
D = 2°40'26"
R = 2,142.90'
L = 1,211.39'
T = 622.36'
E = 89.55'
S = 8.00%

CURVE H-1
PI = 83+18.82
Δ = 36°57'31"
D = 3°09'01"
R = 1,818.76'
L = 1,173.19'
T = 607.82
E = 98.88'
S = 8.00%

CURVE O-1
PI = 44+02.17
Δ = 23°05'03"
D = 2°54'34"
R = 1,969.33'
L = 793.44'
T = 402.17'
E = 40.65'

CURVE O-2
PI = 9+45.26
Δ = 20°42'27"
D = 6°53'41"
R = 831.00'
L = 300.33
T = 151.82'
E = 13.76'
S = 8.00%

CURVE P-3
PI = 67+38.03
Δ = 21°04'14"
D = 7°01'18"
R = 816.00'
L = 300.08'
T = 151.76'
E = 13.99'
S = 8.00%

CURVE P-4
PI = 72+93.70
Δ = 26°15'16"
D = 3°16'49"
R = 1,746.72'
L = 800.40'
T = 407.35'
E = 46.87'

CURVE Q-1
PI = 71+34.70
Δ = 38°09'55"
D = 3°10'59"
R = 1,800.00'
L = 1,199.00'
T = 622.70'
E = 104.67'
S = 8.00%

CURVE Q-2
PI = 81+23.90
Δ = 24°35'11"
D = 3°01'26"
R = 1,894.81'
L = 813.09'
T = 412.90'
E = 44.47'

CURVE R-2
PI = 71+47.17
Δ = 18°13'30"
D = 2°46'41"
R = 2,062.50'
L = 656.05'
T = 330.82'
E = 26.36'
S = 7.76%

CURVE R-3
PI = 76+30.85
Δ = 10°03'40"
D = 3°10'59"
R = 1,800.00'
L = 316.08'
T = 158.45'
E = 6.96

CURVE R-4
PI = 80+34.59
Δ = 11°19'45"
D = 2°18'33"
R = 2,481.19'
L = 490.60'
T = 246.10'
E = 12.18'

CURVE S-1
PI = 14+50.27
Δ = 7°34'04"
D = 2°31'18"
R = 2,272.14'
L = 300.11'
T = 150.27'
E = 4.96'

CURVE S-2
PI = 4+51.12
Δ = 16°11'09"
D = 5°23'42"
R = 1,062.00'
L = 300.01'
T = 151.01'
E = 10.68'
S = 8.00%

CURVE S-3
PI = 15+87.49
Δ = 92°30'40"
D = 8°11'06"
R = 700.00'
L = 1,130.24'
T = 731.37'
E = 312.38'
S = 8.00%

CURVE T-1
PI = 10+04.42
Δ = 50°13'09"
D = 8°11'06"
R = 700.00'
L = 613.53'
T = 328.04'
E = 73.05'
S = 8.00%

CURVE V-1
PI = 1+50.16
Δ = 6°26'58"
D = 2°08'59"
R = 2,665.15'
L = 300.00'
T = 150.16'
E = 4.23'

CURVE T.A.-1
PI = 11+05.00
Δ = 16°56'00"
D = 14°19'26"
R = 400.00'
L = 118.22'
T = 59.54'
E = 4.41'
S = NORMAL CROWN

CURVE T.A.-2
PI = 16+64.11
Δ = 16°42'00"
D = 14°19'26"
R = 400.00'
L = 116.59'
T = 58.71'
E = 4.29'
S = NORMAL CROWN

CURVE T.A.-3
PI = 19+46.25
Δ = 100°38'00"
D = 60°18'41"
R = 95.00'
L = 166.86'
T = 116.50'
E = 53.78'
S = NORMAL CROWN

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ALIGNMENT PLAN

ROADWAY C STA. 71+00 TO STA. 93+00

SCALE: 1" = 100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

82-3HVF&E-1 Sht. 13
82-3HVD-1 Sht. 31 of 258

CURVE B-2
P.I. = 112+16.69 [033]
Δ = 30°31'52"
D = 3°41'32"
R = 1,551.83'
L = 826.92'
T = 423.53'
E = 56.76'
S = 8.00%

CURVE C-2
P.I. = 118+84.59 [047]
Δ = 69°00'37"
D = 4°10'01"
R = 1,375.00'
L = 1,656.13'
T = 945.19'
E = 293.54'
S = 8.00%

CURVE G-2
P.I. = 98+62.90 [089]
Δ = 36°13'46"
D = 9°32'57"
R = 600.00'
L = 379.39'
T = 196.28'
E = 31.29'
S = 3.00%

CURVE-H-2
P.I. = 103+93.81 [105]
Δ = 36°12'34"
D = 13°58'28"
R = 410.00'
L = 259.11'
T = 134.05'
E = 21.36'
S = 3.00%

CURVE S-1
P.I. = 1+50.27 [187]
Δ = 7°34'04"
D = 2°31'18"
R = 2,272.14"
L = 300.11'
T = 150.27'
E = 4.96'

CURVE U-1
P.I. = 1+50.09 [217]
Δ = 5° 19'07"
D = 1°46'23"
R = 3,231.50'
L = 299.97'
T = 150.09'
E = 3.48'

CURVE U-2
P.I. = 13+46.63 [223]
Δ = 5°19'07"
D = 1°46'23"
R = 3,231.50'
L = 299.97'
T = 150.09'
E = 3.48'

CURVE V-2
P.I. = 11+63.84 [231]
Δ = 6°26'58"
D = 1°02'30"
R = 5,500.00'
L = 619.10'
T = 309.88'
E = 8.72'

CURVE R.M.-1
P.I. = 23+70.72 [237]
Δ = 23°56'38"
D = 19°05'55"
R = 300.00'
L = 125.37'
T = 63.61'
E = 6.67'
S = NORMAL CROWN

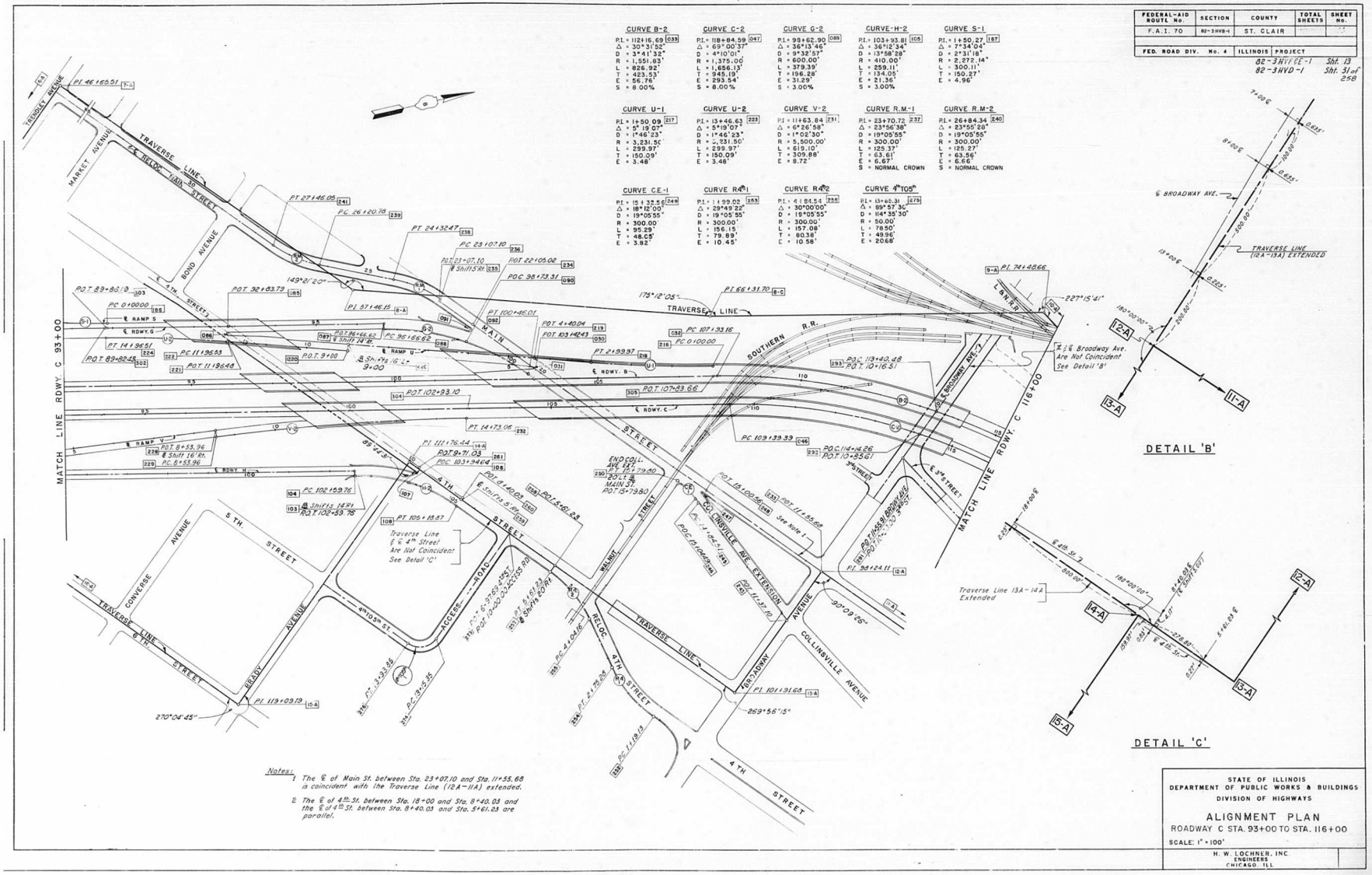
CURVE R.M.-2
P.I. = 26+84.34 [240]
Δ = 23°55'28"
D = 19°05'55"
R = 300.00'
L = 125.27'
T = 63.56'
E = 6.66'
S = NORMAL CROWN

CURVE C.E.-1
P.I. = 15+32.56 [249]
Δ = 18°12'00"
D = 19°05'55"
R = 300.00'
L = 95.29'
T = 48.05'
E = 3.82'

CURVE R4th-1
P.I. = 1+99.02 [253]
Δ = 29°49'22"
D = 19°05'55"
R = 300.00'
L = 156.15'
T = 79.89'
E = 10.45'

CURVE R4th-2
P.I. = 4+84.54 [255]
Δ = 30°00'00"
D = 19°05'55"
R = 300.00'
L = 157.08'
T = 80.38'
E = 10.58'

CURVE 4th TO 5th
P.I. = 13+65.31 [275]
Δ = 89°57'30"
D = 114°35'30"
R = 50.00'
L = 78.50'
T = 49.96'
E = 20.68'



Notes:
1. The ℄ of Main St. between Sta. 23+07.10 and Sta. 11+55.68 is coincident with the Traverse Line (12A-11A) extended.
2. The ℄ of 4th St. between Sta. 18+00 and Sta. 8+40.03 and the ℄ of 4th St. between Sta. 8+40.03 and Sta. 5+61.23 are parallel.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ALIGNMENT PLAN
ROADWAY C STA. 93+00 TO STA. 116+00
SCALE: 1" = 100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

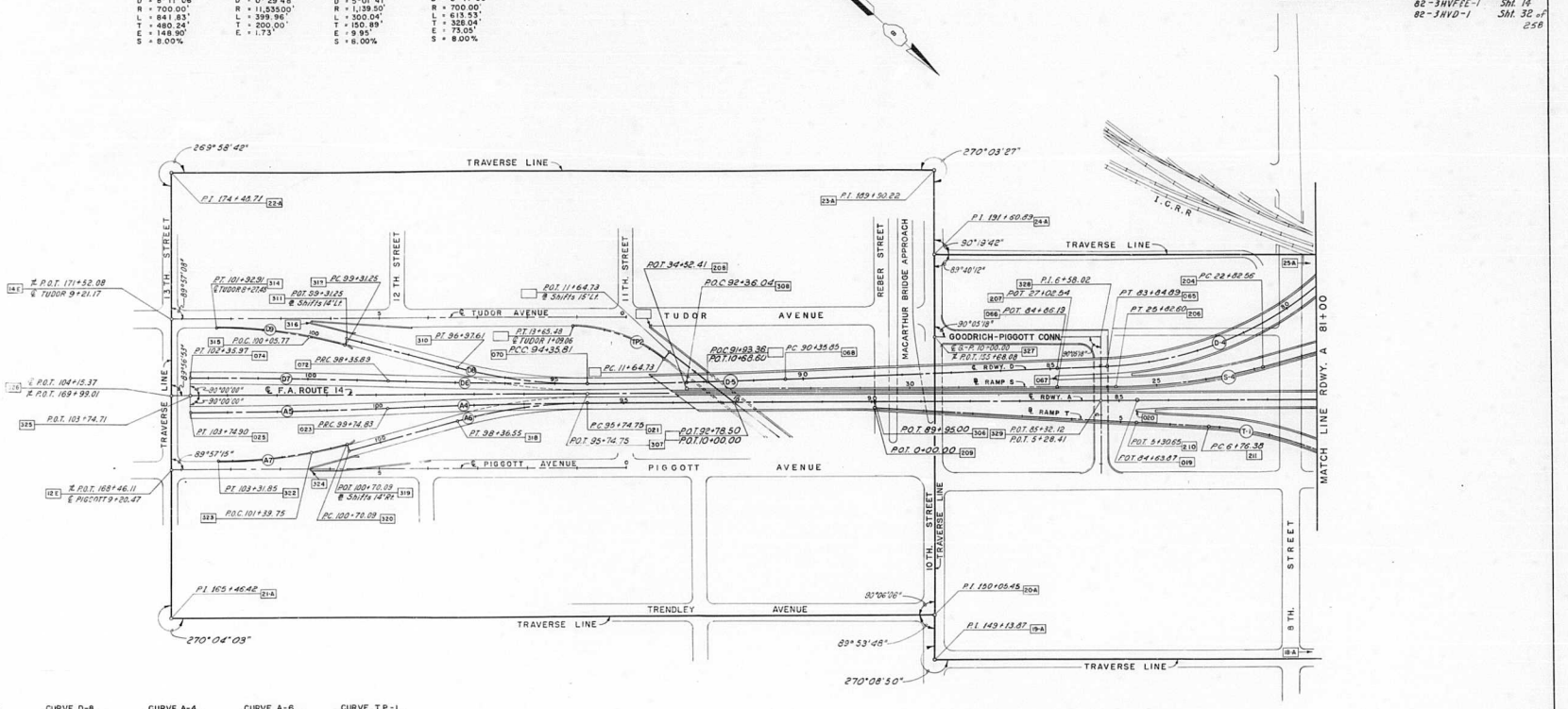
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 14	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		
		82-3HVFE-1		Sht. 16
		82-3HVD-1		Sht. 32 of 258

CURVE D-4
P.I. = 60+23.30 064
Δ = 68°54'17"
D = 8°11'06"
R = 700.00'
L = 841.83'
T = 480.24'
E = 148.90'
S = 8.00%

CURVE D-5
P.I. = 92+35.85 069
Δ = 1°59.12'
D = 0°29'48"
R = 11,535.00'
L = 399.96'
T = 200.00'
E = 1.73'

CURVE S-4
P.I. = 24+33.45 208
Δ = 15°05'12"
D = 5°01'41"
R = 1,139.50'
L = 300.04'
T = 150.89'
E = 9.95'
S = 8.00%

CURVE T-1
P.I. = 10+04.42 212
Δ = 50°13'06"
D = 8°11'06"
R = 700.00'
L = 613.53'
T = 328.04'
E = 73.05'
S = 8.00%



CURVE D-6
P.I. = 96+35.87 071
Δ = 2°-08'-54"
D = 0°-32'-13"
R = 10,670.00'
L = 400.08'
T = 200.06'
E = 1.88'
S = NORMAL CROWN

CURVE D-8
P.I. = 95+67.46 209
Δ = 15°-00'-00"
D = 5°-43'-46"
R = 1000.00'
L = 261.80'
T = 131.65'
E = 8.63'

CURVE A-4
P.I. = 97+74.81 022
Δ = 2°-08'-54"
D = 0°-32'-13"
R = 10,670.00'
L = 400.08'
T = 200.06'
E = 1.88'
S = NORMAL CROWN

CURVE A-6
P.I. = 97+06.40 217
Δ = 15°-00'-00"
D = 5°-43'-46"
R = 1000.00'
L = 261.80'
T = 131.65'
E = 8.63'

CURVE TP-1
P.I. = 7+55.04
Δ = 38°-19'-51"
D = 11°-27'-33"
R = 500.00'
L = 334.50'
T = 173.78'
E = 29.34'

CURVE TP-2
P.I. = 12+69.03
Δ = 38°-20'-27"
D = 19°05'55"
R = 300.00'
L = 200.75'
T = 104.30'
E = 17.61'

CURVE D-7
P.I. = 100+35.95 075
Δ = 2°-08'-54"
D = 0°-32'-13"
R = 10,670.00'
L = 400.08'
T = 200.06'
E = 1.88'
S = NORMAL CROWN

CURVE D-9
P.I. = 100+62.83 213
Δ = 14°-59'-31"
D = 5°-43'-46"
R = 1000.00'
L = 261.66'
T = 131.58'
E = 8.62'

CURVE A-5
P.I. = 101+74.89 024
Δ = 2°-08'-54"
D = 0°-32'-12"
R = 10,670.00'
L = 400.08'
T = 200.06'
E = 1.88'
S = NORMAL CROWN

CURVE A-7
P.I. = 102+01.72 321
Δ = 14°-59'-51"
D = 5°-43'-46"
R = 1000.00'
L = 261.76'
T = 131.63'
E = 8.63'

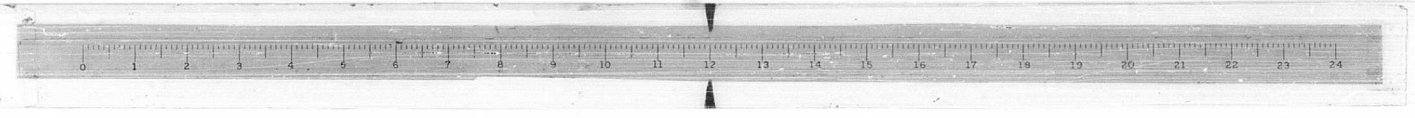
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ALIGNMENT PLAN

ROADWAY A STA. 81+00 TO STA. 103+74.90

SCALE: 1" = 100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		
		82-3HVFEE-1	Sht. 15	
		82-3HVD-1	Sht. 35 of 258	

CURVE E-1
P.I.= 47+36.28 [402]
Δ = 6°27'19"
D = 1°54'35"
R = 3,000.00'
L = 338.00'
T = 169.18'
E = 4.77'

CURVE E-2
P.I.= P.O.C. 48+41.82 [403]
Δ = 6°27'19"
D = 1°10'05"
R = 4,904.72'
L = 552.59'
T = 276.59'
E = 7.79'

CURVE F-1
P.I. = 29+56.22 [411]
Δ = 7°57'29"
D = 2°36'16"
R = 2,200.00'
L = 305.57'
T = 153.03'
E = 5.32'

CURVE F-2
P.I.=P.O.T. 31+43.81 [410]
Δ = 5°09'19"
D = 1°06'51"
R = 5,142.41'
L = 462.70'
T = 231.50'
E = 5.21

CURVE E.F-1
P.I. = 56+99.25 [422]
Δ = 18°00'00"
D = 5°43'46"
R = 1,000.00'
L = 314.16'
T = 158.38'
E = 12.47'

CURVE E.F-2
P.I.=P.O.C.57+62.87 [424]
Δ = 18°00'00"
D = 7°09'43"
R = 800.00'
L = 251.33'
T = 126.71'
E = 9.97'

CURVE E.F-3
P.I.=P.O.C.56+36.66 [421]
Δ = 18°00'00"
D = 7°09'43"
R = 800.00'
L = 251.33'
T = 126.71'
E = 9.97'

CURVE N-2
P.I. = 35+89.88 [134]
Δ = 0°31'44"
D = 0°10'35"
R = 32,500.00'
L = 300.00'
T = 150.00'
E = 0.35'

CURVE O-4
P.I.= 35+89.88 [152]
Δ = 0°31'44"
D = 0°10'35"
R = 32,500.00'
L = 300.00'
T = 150.00'
E = 0.35'

CURVE W-1
P.I.= 1+53.55 [463]
Δ = 42°00'00"
D = 14°19'26"
R = 400.00'
L = 293.22
T = 153.55'
E = 28.46'

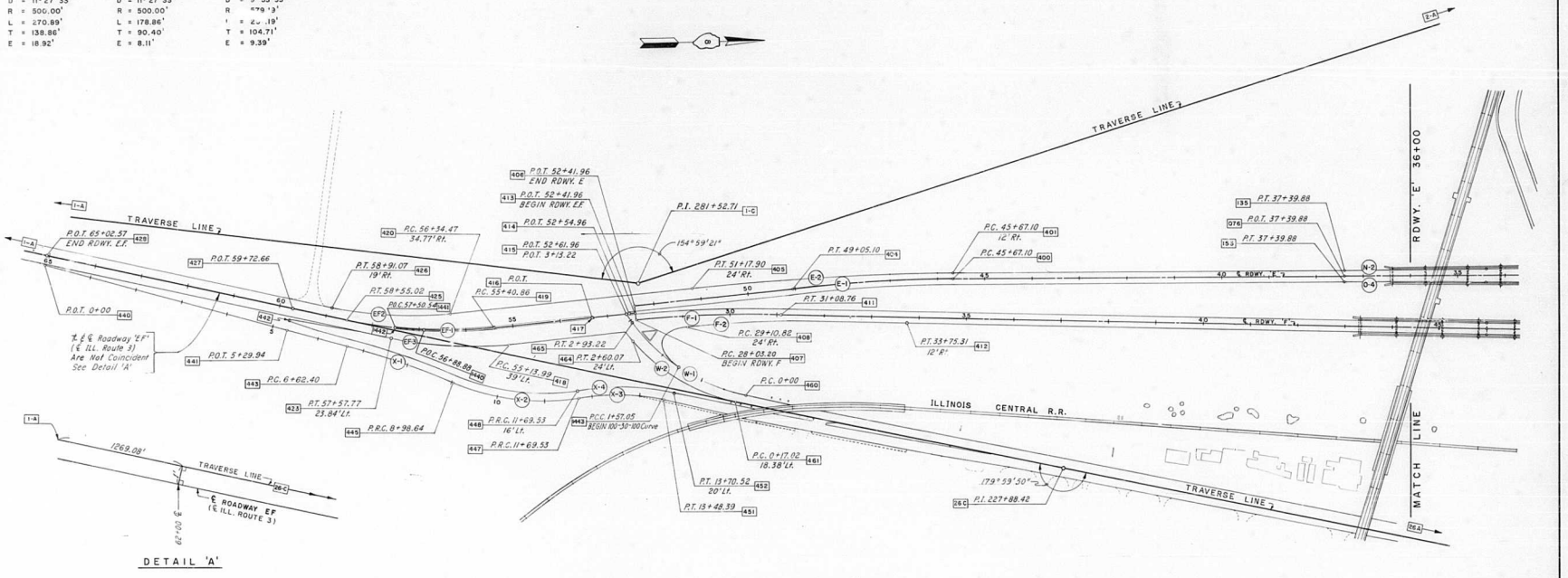
CURVE W-2
P.I.=P.O.C.1+38.49 [462]
Δ = 37°15'07"
D = 14°31'13"
R = 394.59'
L = 256.55'
T = 132.99'
E = 21.81'

CURVE X-1
P.I.=7+80.69 [444]
Δ = 7°31'11"
D = 3°10'59"
R = 1,800.00'
L = 236.24'
T = 118.29'
E = 3.88'

CURVE X-2
P.I. = 10+37.50 [446]
Δ = 31°02'30"
D = 11°27'33"
R = 500.00'
L = 270.89'
T = 138.86'
E = 18.92'

CURVE X-3
P.I.= 12+59.93 [449]
Δ = 20°29'46"
D = 11°27'33"
R = 500.00'
L = 178.86'
T = 90.40'
E = 8.11'

CURVE X-4
P.I. = P.O.C.12+69.64 [450]
Δ = 20°29'46"
D = 9°53'33"
R = "79.13'
L = 2.. .19'
T = 104.71'
E = 9.39'



DETAIL 'A'

℄ ℄ Roadway 'EF' (℄ ILL. Route 3) Are Not Coincident See Detail 'A'

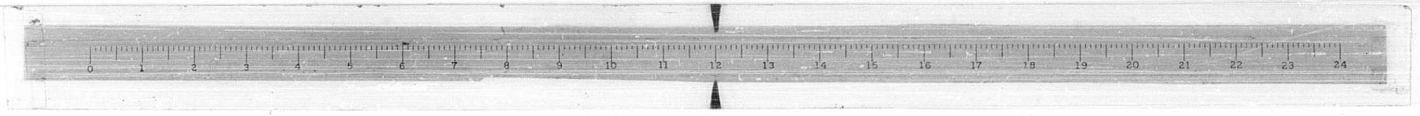
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ALIGNMENT PLAN

ROADWAY E STA. 36+00 TO STA. 65+02.57

SCALE: 1"=100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HV8-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

82-3HVFCE-1 Sht 16
82-3HVD-1 Sht 34 of 258

TRAVERSE POINT LOCATIONS

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
1-A	3,585.015	31,748.167	TRAVERSE POINT
1-C	5,770.707	32,060.956	TRAVERSE POINT
2-A	7,707.391	31,473.777	TRAVERSE POINT
3-A	8,827.340	30,191.148	TRAVERSE POINT
3-C	9,438.510	30,227.520	TRAVERSE POINT
4-A	10,030.665	30,323.293	TRAVERSE POI.
4-C	9,673.297	31,915.572	TRAVERSE POINT
5-A	9,676.088	32,517.645	TRAVERSE POINT
6-A	10,495.902	33,401.150	TRAVERSE POINT
7-A	10,957.004	32,977.137	TRAVERSE POINT
8-A	11,693.731	33,767.717	TRAVERSE POINT
8-C	12,543.360	34,017.374	TRAVERSE POINT
9-A	13,343.702	34,181.317	TRAVERSE POINT
10-A	13,769.335	34,885.169	TRAVERSE POINT
11-A	13,276.149	35,338.540	TRAVERSE POINT
12-A	12,677.995	34,689.002	TRAVERSE POINT
13-A	12,406.926	34,937.255	TRAVERSE POINT
14-A	11,741.037	34,211.759	TRAVERSE POINT
15-A	11,203.440	34,709.666	TRAVERSE POINT
16-A	10,7[illegible].228	34,179.991	TRAVERSE POINT
17-A	10,188.208	34,663.578	TRAVERSE POINT
18-A	9,692.583	34,139.968	TRAVERSE POINT
19-A	9,068.283	34,714.069	TRAVERSE POINT
20-A	9,006.467	34,646.499	TRAVERSE POINT
21-A	7,871.390	35,688.703	TRAVERSE POINT
22-A	7,261.928	35,023.367	TRAVERSE POINT
23-A	8,398.236	33,981.698	TRAVERSE POINT
24-A	8,513.438	34,107.622	TRAVERSE POINT
25-A	9,132.298	33,547.932	TRAVERSE POINT
26-A	8,558.278	32,941.500	TRAVERSE POINT
26-C	6,654.239	32,484.566	TRAVERSE POINT

(CONTINUED ON SHEET)

ROADWAY "A"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
001	9,554.488	30,010.739	P.C. CURVE A-1
002	9,441.860	30,341.898	P.I. CURVE A-1
003	9,340.648	30,676.723	P.T. CURVE A-1
004	9,209.599	31,110.253	P.O.T. RDWY. "A" NOSE 19' LT.
005	9,227.787	31,115.751	NOSE RDWY."A" & RAMP "M"
006	9,181.391	31,203.570	P.C. CURVE A-2
007	8,955.809	31,949.832	P.I. CURVE A-2
008	9,286.586	32,643.747	P.O.C. RDWY. "A" NOSE 19' LT.
009	9,303.782	32,635.665	NOSE RDWY."A" & RAMP "R"
010	9,291.246	32,653.592	P.T. CURVE A-2
011	9,448.297	32,983.090	P.C. CURVE A-3
012	9,516.340	33,274.838	P.O.C. INT. ℄'s RDWY."A" & RDWY."B"
013	9,509.797	33,380.223	P.O.C. INT. ℄'s RDWY."A" & RDWY."C"
014	9,469.823	33,535.360	P.O.C. INT. ℄'s RDWY."A" & RAMP "P"
015	9,464.140	33,549.676	P.O.C. INT. ℄ s RDWY."A" & RDWY."H"
016	9,458.229	33,563.668	P.O.C. INT. ℄'s RDWY."A" & RAMP "Q"
017	9,670.926	33,450.174	P.I. CURVE A-3
018	9,289.695	33,800.021	P.T. CURVE A-3
019	9,017.044	34,050.227	P.O.T. RDWY. "A" NOSE 20' LT.
020	9,030.566	34,064.783	NOSE RDWY."A" & RAMP "T"
021	8,198.565	34,801.328	P.C. CURVE A-4 & 6
022	8,051.182	34,936.596	P.I. CURVE A-4
023	7,968.935	35,077.295	P.R. C. CURVE A-4 & 5
024	7,766.707	35,217.993	P.I. CURVE A-5
025	7,619.305	35,353.261	P.T. CURVE A-5

ROADWAY "B"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
026	9,531.766	30,003.011	P.O.T. BEGIN RDWY. "B"; BEGIN RDWY. "A" 24' LT.
027	9,061.065	31,387.008	P.C. CURVE B-1
028	8,392.855	33,351.732	P.I. CURVE B-1
029	10,429.078	33,752.290	P.T. CURVE B-1
030	12,084.459	34,077.930	P.O.T. RDWY. "B" NOSE 27' LT.
031	12,089.671	34,051.437	NOSE RDWY "B" & RAMP "U"
032	12,526.713	34,164.928	P.C. CURVE B-2
033	12,942.279	34,246.676	P.I. CURVE B-2
034	13,258.700	34,528.201	P.C.C. CURVE E-2 & 3
035	13,787.672	34,998.836	P.I. CURVE B-3
036	13,942.851	35,689.652	P.T. CURVE B-3
037	13,977.261	35,842.835	P.O.T. END RDWY."B"

ROADWAY "C"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
038	9,561.471	29,992.707	P.O.T. BEGIN RDWY. "C"; BEGIN RDWY. "D" 24' RT.
039	9,243.878	30,750.102	P.O.T. RDWY. "C" NOSE 20' RT.
040	9,224.943	30,743.662	NOSE RDWY. "C" & RDWY. "D"
041	9,006.642	31,447.643	P.C. CURVE C-1
042	8,338.433	33,412.368	P.I. CURVE C-1
043	10,374.655	33,812.925	P.T. CURVE C-1
046	12,542.256	34,239.327	P.C. CURVE C-2
047	13,469.675	34,421.765	P.I. CURVE C-2
048	13,631.545	35,352.994	P.T. CURVE C-2
049	13,670.326	35,576.100	P.O.T. END RDWY "C"

ROADWAY "D"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
050	9,478.749	29,984.979	P.C. CURVE D-1; BEGIN RDWY. "D"
051	9,350.038	30,363.427	P.I. CURVE D-1
052	9,206.298	30,736.426	P.T. CURVE D-1
053	9,206.281	30,736.470	P.O.T. RDWY. "D" NOSE 20' LT.
054	8,908.693	31,508.701	P.C. CURVE D-2
055	8,855.631	31,668.038	P.O.C. RDWY. "D" NOSE 20' RT.
056	8,836.384	31,662.605	NOSE RDWY "D" & RAMP "N"
057	8,765.306	31,880.787	P.I. CURVE D-2
058	8,791.367	32,278.692	P.C.C. CURVE D-2 & 3; BEGIN RAMP "O" 12' LT.
059	8,816.441	32,661.531	P.I. CURVE D-3
060	8,769.015	33,013.548	P.T. CURVE D-3
061	8,986.151	33,053.085	P.O.T. RDWY "D" NOSE 20' LT.
062	9,004.502	33,045.131	NOSE RDWY "D" & RAMP "Q"
063	9,076.907	33,262.474	P.C. CURVE D-4
064	9,267.899	33,703.106	P.I. CURVE D-4
065	8,925.526	34,039.882	P.T. CURVE D-4
066	8,853.313	34,110.916	P.O.T. RDWY. "D" NOSE 19' LT.
067	8,866.638	34,124.461	NOSE RDWY "D" & RAMP "S"
068	8,461.458	34,496.376	P.C. CURVE D-5
069	8,318.877	34,636.630	P.I. CURVE D-5
070	8,171.519	34,771.857	P.C.C. CURVE D-5 & 6 & 8
071	8,024.117	34,907.125	P.I. CURVE D-6
072	7,871.748	35,036.772	P.R. C. CURVE D-6 & 7
073	7,719.379	35,166.419	P.I. CURVE D-7
074	7,571.977	35,301.687	P.T. CURVE D-7

ROADWAY "E"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
075	8,062.906	32,133.039	NOSE & BEGIN ROADWAY "E"
076	7,263.307	32,105.853	P.O.T. RDWY."E" END RAMP "N" 12' RT. END RAMP "O" 12' LT.

ROADWAY "F"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
077	8,357.753	32,276.740	NOSE & END ROADWAY "F"
078	7,559.424	32,228.611	P.O.T. RDWY."F" BEGIN RAMP "M" 12' LT. BEGIN RAMP "F" 12' RT.

ROADWAY "G"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
079	9,722.515	33,140.019	NOSE & P.C. CURVE G-1 BEGIN RDWY. "G"
080	10,173.819	33,568.565	P.I. CURVE G-1
081	10,390.904	33,571.150	P.O.C. RDWY."G"; BEGIN RAMP "O" 12' LT.; END RAMP "R" 12' RT.
082	10,784.471	33,688.690	P.T. CURVE G-1 ℄ SHIFTS 12' LT. TO 083
083	10,786.787	33,676.916	P.O.T. RDWY. "G" NOSE 8' LT.
084	10,788.331	33,669.066	NOSE RDWY. "G" & RAMP "S"
085	11,375.504	33,792.726	P.O.T. RDWY. "G" NOSE 19' RT.
086	11,371.837	33,811.368	NOSE RDWY "G" & RAMP "U"
087	11,751.131	33,866.618	P.O.T. RDWY."G" ℄ SHIFTS 14' RT. TO 088
088	11,748.429	33,880.354	P.C. CURVE G-2
089	11,941.019	33,918.240	P.I. CURVE G-2
090	11,940.444	33,954.053	P.O.C. RDWY. "G" NOSE 32' LT.
091	11,956.861	33,926.586	NOSE RDWY."G" & RELOC. MAIN
092	12,073.982	34,062.625	P.T. CURVE G-2 END RDWY. "G"

ROADWAY "H"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
093	9,264.459	33,358.652	NOSE & P.C. CURVE H-1 BEGIN RDWY. "H"
094	9,670.480	33,810.971	P.I. CURVE H-1
095	9,916.936	33,821.977	P.O.C. RDWY. "H"; END RAMP "P" 12' LT.; END RAMP "Q" 12' RT.
096	10,049.688	33,871.447	P.O.C. RDWY. "H" NOSE 19' RT.
097	10,043.752	33,889.496	NOSE RDWY "H" & RAMP "T"
098	10,266.870	33,928.290	P.T. CURVE H-1; END RAMP "T" 24' RT.
099	10,376.109	33,949.780	P.O.T. RDWY. "H" ℄ SHIFTS 12' RT. TO 100
100	10,373.793	33,961.554	P.O.T. RDWY. "H"
101	10,734.205	34,032.453	P.O.T. RDWY. "H" NOSE 20' LT.
102	10,738.063	34,012.828	NOSE RDWY. "H" & RAMP "V"
103	11,614.254	34,205.572	P.O.T. RDWY. "H" ℄ SHIFTS 14' RT. TO 104
104	11,611.552	34,219.309	P.C. CURVE H-2
105	11,743.077	34,245.182	P.I. CURVE H-2
106	11,737.272	34,266.446	P.O.C. RDWY. "H" NOSE 29' LT.
107	11,751.762	34,241.326	NOSE RDWY. "H" & 4TH ST.
108	11,833.916	34,343.755	P.T. CURVE H-2 END RDWY. "H"

RAMP "M"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
109	7,560.147	32,216.633	P.C. CURVE M-1 BEGIN RAMP "M"
110	7,759.505	32,228.652	P.I. CURVE M-1
111	7,959.065	32,236.680	P.T. CURVE M-1
112	8,358.718	32,252.759	P.O.T. RAMP "M" NOSE 24' RT.
113	8,560.973	32,260.896	P.C. CURVE M-2
114	8,788.678	32,225.787	P.O.C. INT. ℄'s RAMP "M" & RDWY "D"
115	8,872.468	32,188.084	P.O.C. INT. ℄'s RAMP "M" & RAMP "O"
116	8,914.692	32,162.744	P.O.C. INT. ℄'s RAMP "M" & RDWY "C"
117	8,970.590	32,121.155	P.O.C. INT. ℄'s RAMP "M" & RDWY "B"
118	9,174.319	32,285.573	P.I. CURVE M-2
119	9,103.040	31, 964.252	P.O.C. INT. ℄'s RAMP "M" & RDWY "A"
120	9,114.796	31,943.187	P.O.C. INT. ℄'s RAMP "M" & RAMP "R"
121	9,185.002	31,671.824	P.T. CURVE M-2 ℄ SHIFTS 16' RT. TO 122
122	9,200.999	31,672.102	P.O.T. RAMP "M"
123	9,205.624	31,406.420	P.C. CURVE M-3
124	9,208.251	31,255.515	P.I. CURVE M-3
125	9,246.127	31,120.713	P.O.C. RAMP "M" NOSE 19' LT.
126	9,249.024	31,110.199	P.T. CURVE M-3

RAMP "N"

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
127	9,027.324	31,167.486	P.O.T. BEGIN RAMP "N"
128	8,814.404	31,652.966	P.O.T. RAMP "N" NOSE 24' LT.
129	8,794.560	31,698.214	P.C. CURVE N-1
130	8,605.857	32,128.476	P.I. CURVE N-1
131	8,136.177	32,116.847	P.T. CURVE N-1
132	8,063.351	32,115.044	P.O.T. RAMP "N" NOSE 18' LT.
133	7,563.587	32, 102.670	P.C. CURVE N-2
134	7,413.630	32,098.957	P.I. CURVE N-2
135	7,263.714	32,093.860	P.T. CURVE N-2 END RAMP "N"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
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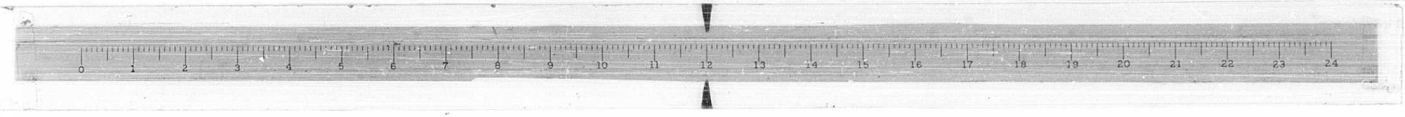
LIST OF COORDINATE POINTS AND DESCRIPTIONS

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HV8-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

82-3HVFEE-1 Sht. 17
82-3HVD-1 Sht. 35 of 258

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
			RAMP "O"
136	10,395.424	33,560.033	P.C. CURVE O-1 BEGIN RAMP "O"
137	10,022.872	33,408.543	P.I. CURVE O-1
138	9,739.548	33,123.112	P.C.C. CURVE O-1 & 2 NOSE 24' LT.
139	9,632.592	33,015.360	P.I. CURVE O-2
140	9,570.645	32,876.749	P.T. CURVE O
141	9,442.932	32,590.979	P.O.T. RAMP "O" ℄ SHIFTS 16' LT.
142	9,428.325	32,597.507	P.C. CURVE O-3
143	9,466.777	32,306.954	P.O.C. INT. ℄ of RAMP "O" & RAMP "R"
144	9,158.717	32,288.570	P.O.C. INT. ℄ of RAMP "O" RDWY. "A"
145	9,251.777	32,202.466	P.I. CURVE O-3
146	8,980.104	32,209.641	P.O.C. INT. ℄ of RAMP "O" & RDWY "B"
147	8,917.304	32,194.932	P.O.C. INT. ℄ of RAMP "O" & RDWY "C"
148	8,819.484	32,183.772	P.T. CURVE O-3
149	8,787.628	32,182.395	P.O.T. INT. ℄ of RAMP "O" & RDWY. "D"
150	8,062.128	32,151.022	P.O.T. RAMP "O" NOSE 18' RT.
151	7,562.677	32,129.424	P.C. CURVE O-4
152	7,412.815	32,122.943	P.I. CURVE O-4
153	7,262.899	32,117.846	P.T. CURVE O-4 END RAMP "O"
			RAMP "P"
154	7,558.702	32,240.590	P.C. CURVE P-1 BEGIN RAMP "P"
155	7,758.061	32,252.608	P.I. CURVE P-1
156	7,957.140	32,268.612	P.T. CURVE P-1
157	8,155.830	32,300.663	P.O.T. RAMP "P" NOSE 24' LT.
158	8,388.180	32,303.263	P.C. CURVE P-2
159	8,836.115	32,339.273	P.I. CURVE P-2
160	8,816.372	32,495.573	P.O.C. INT. ℄ of RAMP "P" & RDWY. "D"
161	8,834.512	32,513.601	P.O.C. INT. ℄ of RAMP "P" & RAMP "Q"
162	8,989.851	32,761.538	P.T. CURVE P-2 ℄ SHIFTS 16' LT. TO 163
163	9,004.885	32,756.064	P.O.T. RAMP "P"
164	9,126.399	33,089.826	P.C. CURVE P-3
165	9,178.316	33,232.426	P.I. CURVE P-3
166	9,278.028	33,346.825	P.C.C. CURVE P-3&4 NOSE 18' RT.
167	9,545.681	33,653.904	P.I. CURVE 4
168	9,921.561	33,810.904	P.T. CURVE 4; END RAMP "P"
			RAMP "Q"
169	8,803.341	32,277.908	P.C. CURVE Q-1; BEGIN RAMP "Q"
170	8,844.037	32,899.272	P.I. CURVE Q-1
171	9,025.489	33,033.488	P.O.C. RAMP "Q" NOSE 24' RT.
172	9,259.994	33,362.660	P.T. CURVE Q-1 NOSE 6' LT., ℄ SHIFTS 12' RT. TO 173
173	9,251.064	33,370.676	P.C. CURVE Q-2
174	9,531.309	33,673.910	P.I. CURVE Q-2
175	9,912.311	33,833.050	P.T. CURVE Q-2 END RAMP "Q"
			RAMP "R"
176	9,108.250	31,721.614	P.C. CURVE R-1 BEGIN RAMP "R"
177	9,092.630	32,202.669	P.I. CURVE R-1
178	9,320.493	32,626.624	P.C.C. CURVE R-1 & 2
179	9,477.110	32,918.022	P.I. CURVE R-2
180	9,717.006	33,145.821	P.T. CURVE R-2 NOSE 8' LT. ℄ SHIFTS 16' RT. TO 181
181	9,705.989	33,157.423	P.C. CURVE R-3
182	9,820.889	33,266.529	P.I. CURVE R-3
183	9,953.082	33,353.884	P.C.C. CURVE R-3 & 4
184	10,158.406	33,489.564	P.I. CURVE R-4
185	10,386.383	33,582.266	P.T. CURVE R-4 END RAMP "R"
			RAMP "S"
186	11,085.817	33,723.510	P.C. CURVE S-1 BEGIN RAMP "S"
187	10,938.369	33,694.504	P.I. CURVE S-1
188	10,796.025	33,646.333	P.C.C. CURVE S-1 & 2 NOSE 24' LT.
189	10,652.983	33,597.925	P.I. CURVE S-2
190	10,529.104	33,511.562	P.T. CURVE S-2
191	10,319.101	33,365.157	P.O.T ℄ SHIFTS 16' LT. TO 192
192	10,309.951	33,378.283	P.C. CURVE S- 3
193	9,709.987	32,960.015	P.I. CURVE S-3
194	9,881.823	33,253.063	P.O.C. INT. ℄ of RAMP "S" & RAMP "O"
195	9,853.629	33,254.754	P.O.C. INT. ℄ of RAMP "S" & RDWY "G"
196	9,821.463	33,258.085	P.O.C. INT. ℄ of RAMP "S" & RAMP "R"
197	9,580.943	33,334.475	P.O.C. INT. ℄ of RAMP "S" & RDWY "B"
198	9,510.142	33,377.694	P.O.C. INT. ℄ of RAMP "S" & RDWY "A"
199	9,508.367	33,378.932	P.O.C. INT. ℄ of RAMP "S" & RDWY "C"
200	9,499.660	33,472.994	P.O.C. INT. ℄ of RAMP "S" & RAMP "P"
201	9,389.047	33,484.537	P.O.C. INT. ℄ of RAMP "S" & RDWY. "H"
202	9,378.699	33,496.311	P.O.C. INT. ℄ of RAMP "S" & RAMP "Q"
203	9,318.407	33,577.728	P.T. CURVE S-3
204	9,159.822	33,827.894	P.C. CURVE S-4
205	9,079.032	33,955.339	P.I. CURVE S-4
206	8,967.855	34,057.364	P.T. CURVE S-4
207	8,879.484	34,138.460	P.O.T. RAMP "S" NOSE 19' RT.
208	8,326.991	34,645.472	P.O.T. END RAMP "S"
			RAMP "T"
209	8,633.827	34,418.185	P.O.T. BEGIN RAMP "T"
210	9,045.699	34,083.591	P.O.T. RAMP "T" NOSE 24' LT.
211	9,158.809	33,991.704	P.C. CURVE T-1
212	9,413.422	33,784.864	P.I. CURVE T-1
213	9,735.293	33,848.181	P.T. CURVE T-1
214	10,040.085	33,908.138	P.O.T. RAMP "T" NOSE 19' LT.
215	10,262.237	33,951.839	P.O.T. END RAMP "T"
			RAMP "U"
216	12,522.030	34,139.547	P.C. CURVE U-1 BEGIN RAMP "U"
217	12,374.759	34,110.576	P.I. CURVE U-1
218	12,230.807	34,068.079	P.T. CURVE U-1
219	12,096.466	34,028.419	P.O.T. RAMP "U" NOSE 24' LT.
220	11,655.332	33,898.189	P.O.T. ℄ SHIFTS 16' LT. TO 1220
1220	11,650.802	33,913.534	P.O.T. RAMP "U"
221	11,366.457	33,829.591	P.O.T. RAMP "U" NOSE 19' RT.
			RAMP "U"
222	11,366.401	33,829.574	P.C. CURVE U-2
223	11,222.450	33,787.077	P.I. CURVE U-2
224	11,075.179	33,758.107	P.T. CURVE U-2 END RAMP "U"
			RAMP "V"
225	10,442.781	33,950.665	P.C. CURVE V-1 BEGIN RAMP "V"
226	10,590.116	33,979.648	P.I. CURVE V-1
227	10,739.774	33,991.898	P.T. CURVE V-1 NOSE 21' RT.
228	11,291.888	34,037.091	P.O.T. ℄ SHIFTS 16' RT. TO 229
229	11,290.582	34,053.037	P.C. CURVE V-2
231	11,599.428	34,078.318	P.I. CURVE V-2
232	11,903.479	34,138.129	P.T. CURVE V-2 END RAMP "V"
			RELOCATED MAIN STREET
233	12,677.994	34,689.002	P.O.T. BEGIN RELOC. MAIN & TRAVERSE POINT 12-A
234	11,967.160	33,917.102	P.O.T. MAIN ST. NOSE 14' LT.
235	11,898.009	33,842.010	P.O.T. ℄ SHIFTS 5' RT. TO 236
236	11,901.687	33,838.623	P.C. CURVE R.M.-1
237	11,858.594	33,791.829	P.I. CURVE R.M. -1
238	11,800.219	33,766.550	P.T. CURVE R.M. -1
239	11,627.416	33,691.720	P.C. CURVE R.M.-2
240	11,569.090	33,666.463	P.I. CURVE R.M.-2
241	11,526.018	33,619.722	P.T. CURVE R.M.-2
			COLLINSVILLE AVENUE EXTENSION
243	12,572.157	34,785.931	P.O.T. BEGIN COLLINSVILLE EXT.
245	12,428.411	34,469.657	P.C. CURVE CE-1
246	12,419.544	34,451.756	P.O.C. COLLINSVILLE EXT. NOSE 19' RT.
247	12,436.280	34,442.761	NOSE COLLINSVILLE EXT. & MAIN ST.
248	12,444.372	34,435.309	P.O.T. MAIN ST. NOSE 11' LT.
249	12,408.528	34,425.911	P.I. CURVE CE-1
250	12,375.977	34,390,563	P.T. CURVE CE-1 END COLL. AVE. EXT.
			RELOCATED 4TH STREET
252	12,194.655	34,948.914	P.C. CURVE R4-1
253	12,140.700	34,890.000	P.I. CURVE R4-1
254	12,123.189	34,812.055	P.T. CURVE R4-1
255	12,094.941	34,686.315	P.C. CURVE R4-2
256	12,077.321	34,607.885	P.I.CURVE R4-2
257	12,022.847	34,548.773	P.T. CURVE R4-2 ℄ SHIFTS 20' RT TO 258
258	12,037.554	34,535.220	P.O.T. ℄ 4TH STREET
259	11, 848.623	34,330.202	P.O.T. ℄ SHIFTS 5' RT. TO 260
260	11, 852.300	34,326.814	P.O.T. ℄ 4TH STREET
261	11,763.528	34,230.483	P.O.T. ℄ 4TH STREET NOSE 16' LT.
			TRENDLEY ACCESS ROAD
263	10,257.494	33,620.551	P.O.T. BEGIN TRENDLEY ACCESS ROAD
264	10,226.724	33,587.090	P.C. CURVE T.A.-1
265	10,186.422	33,543.261	P.I. CURVE T.A.-1
266	10,135.100	33,513.070	P.T. CURVE T.A.-1
			TRENDLEY ACCESS ROAD
267	9,754.363	33,289.097	P.C. CURVE T.A.-2
268	9,703.759	33,259.329	P.I. CURVE T.A. -2
269	9,663.844	33,216.275	P.T. CURVE T.A.-2
270	9,589,223	33,135.785	P.C. CURVE T.A.-3
271	9,511.381	33,051.821	P.I. CURVE T.A. -3
272	9,608.266	32,990.809	P.R.C. CURVE T.A.-3
			4TH TO 5TH STREET ACCESS ROAD
273	11,945.082	34,434.874	℄ INTS. OF 4TH ST. & 4TH TO 5TH ACCESS ROAD
274	11,712.879	34,648.240	P.C. 4TH TO 5TH ACCESS ROAD
275	11,676.088	34,682.046	P.I. 4TH TO 5TH ACCESS ROAD
276	11,642.256	34,645.280	P.T. 4TH TO 5TH ACCESS ROAD
			RELOCATED 2ND STREET
278	13,736.915	34,914.939	℄ INTS. OF MISSOURI & RELOC. 2ND ST.
279	13,671.814	34,806.155	P.C.-1 RELOCATED 2ND STREET
280	13,639 767	34,752 604	P.I. -1 RELOCATED 2ND STREET
281	13,595.693	34,721.447	P.T.-1 RELOCATED 2ND STREET
282	13,511.733	34,690.356	P.C.-2 RELOCATED 2ND STREET
283	13,461.896	34,650.117	P.I.-2 RELOCATED 2ND STREET
284	13,420.503	34,580.958	P.T.-2 RELOCATED 2ND STREET
			℄ INTERSECTIONS OF CITY OF ST. LOUIS TRESTLE
285	9,016.923	31,191.202	ILL. TERM. R.R. & RAMP "N"
286	9,027.971	31,199.179	ILL. TERM. R.R. & RDWY. "D"
287	9,078.690	31,235.803	ILL. TERM. R.R. & RDWY. "C"
288	9,105.826	31,255.397	ILL. TERM. R.R. & RDWY "B"
289	9,156.793	31,292.200	ILL. TERM. R.R. & RDWY "A"
290	9,209.435	31,330.213	ILL. TERM. R.R. & RAMP "M"
			℄ INTERSECTIONS OF CROSS ROADS
291	12,931.515	34,456.354	℄ BRDWY AVE & 3RD ST.
292	12,983.317	34,408.835	℄ BRDWY AVE & RDWY "C"
293	13,034.241	34,362.120	℄ BRDWY AVE & RDWY "B"
294	13,555.127	35,081.862	℄ MISSOURI AVE & RDWY "C"
295	13,653.137	34,991.866	℄ MISSOURI AVE & RDWY "B"
			MISCELLANEOUS POINTS
296	9,507.993	30,187.240	END RAMP "M"
297	9,496.506	30,183.768	P.O.C. RDWY "A", END RAMP "M" 12' LT.
298	9,038.521	31,171.801	P.O.T. RDWY. "D" BEGIN RAMP "N" 12' RT.
299	9,096.256	31,721.224	P.O.C. RDWY. "A" BEGIN RAMP "R" 12' LT.
300	9,320.517	32,626.669	P.O.C. RAMP "R" NOSE 19' RT.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

LIST OF COORDINATE POINTS AND DESCRIPTIONS

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR		
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

82-3HVF&E-1 Sht 18
82-3HVD-1 Sht 36 of 258

POINT CODE NO	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
			MISCELLANEOUS POINTS
301	10,438.148	33,974.214	P.O.T. RDWY "H" BEGIN RAMP "V" 24' LT.
302	11,079.811	33,734.558	P.O.T. RDWY. "G" END RAMP "U" 24' RT.
303	11,083.501	33,735.284	P.O.T. RDWY. "G" BEGIN RAMP "S" 12' LT.
304	11,908.111	34,114.581	P.O.T. RDWY. "C" END RAMP "V" 24' RT.
305	12,517.397	34,163.095	P.O.T. RDWY. "J" BEGIN RAMP "U" 24' LT.
306	8,825.713	34,409.343	P.O.T. RDWY. "A" BEGIN RAMP "T" 12' LT.
307	8,185.042	34,786.593	℄ F.A. 14, 20' LT. OF P.C.C. D-5 & 6
308	8,317.532	34,635.516	P.O.C. RDWY. "D" END RAMP 13.73'LT.
			TEMPORARY ROADWAY "D"
309	8,074.520	34,860.871	P.I. CURVE D-8 TEMP. RDWY. "D"
310	7,957.787	34,921.747	P.T. CURVE D-8 TEMP. RDWY. "D"
311	7,750.626	35,029.782	P.O.T. TEMP. RDWY. "D" ℄ SHIFTS 14' LT.
312	7,757.099	35,042.195	P.C. CURVE D-9 TEMP. RDWY. D
313	7,640.430	35,103.038	P.I. CURVE D-9 TEMP. RDWY. "D"
314	7,543.471	35,191.990	P.T. CURVE D-9 TEMP. RDWY. "D"
315	7,692.366	35,079.084	P.O.C. TEMP. RDWY. "D" NOSE 31' RT.
316	7,676.025	35,052.740	NOSE TEMP. RDWY. "D" & TUDOR AVE.
			TEMPORARY ROADWAY "A"
317	8,101.565	34,890.343	P.I. CURVE A-6 TEMP. RDWY. "A"
318	8,030.910	35,001.429	P.T. CURVE A-6 TEMP. RDWY. "A"
319	7,905.572	35,198.489	P.O.T. TEMP. RDWY. "A" ℄ SHIFTS 14' RT.
320	7,893.759	35,190.975	P.C. CURVE A-7 TEMP. RDWY. "A"
321	7,823.115	35,302.043	P.I. CURVE A-7 TEMP. RDWY. "A"
322	7,726.136	35,391.046	P.T. CURVE A-7 TEMP. RDWY. "A"
323	7,854.355	35,248.407	P.O.C. TEMP. RDWY. "A" NOSE 33' LT.
324	7,880.900	35,268.013	NOSE TEMP. RDWY. "A" & PIGGOTT AVE.
			MISCELLANEOUS POINTS
325	7,595.641	35,327.474	℄ F.A.14, 35' RT. OF P.T. A-5
326	7,565.683	35,354.966	℄ F.A. 14, P.O.T. TRAVERSE LINE
			GOODRICH - PIGGOTT CONNECTOR
327	8,626.676	34,231.390	P.O.T. G-P CONN., P.O.T. TRAVERSE LINE
328	8,879.209	34,000.796	P.I. GOODRICH-PIGGOTT CONNECTOR
329	8,966.756	34,096.375	P.O.T. G-P CONN., P.O.T. ROADWAY "A"

POINT CODE NO.	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
			MISCELLANEOUS POINTS
500	9,997.956	33,609.579	P.O.C. RDWY "B" STA.82+00
501	9,966.235	33,680.852	P.O.C. RDWY "C" STA.83+00
502	10,816.335	33,828.469	P.O.T. RDWY "B" STA.90+50
503	10,786.511	33,893.944	P.O.T. RDWY "C" STA.91+50
504	11,248.061	33,913.397	P.O.T. RDWY "B" STA.94+90
505	11,218.237	33,978.871	P.O.T. RDWY "C" STA.95+90
506	11,699.411	34,002.184	P.O.T. RDWY "B" STA.99+50
507	11,718.647	34,077.310	P.O.T. RDWY "C" STA.101+00
508	12,140.949	34,089.042	P.O.T. RDWY "B" STA.104+00
509	12,160.185	34,164.167	P.O.T. RDWY "C" STA.105+50
510	12,911.113	34,294.588	P.O.C. RDWY "B" STA.112+00
511	12,927.434	34,377.118	P.O.C. RDWY "C" STA.113+50
512	13,282.307	34,650.548	P.O.C. RDWY "C" STA.118+00
513	13,550.020	34,843.441	P.O.C. RDWY "B" STA.120+50
514	13,509.079	34,978.343	P.O.C. RDWY "C" STA.122+00
515	13,800.129	35,263.625	P.O.C. RDWY "B" STA.125+40

POINT CODE NO.	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
			ROADWAY "E"
400	6,436.555	32,077.745	P.C. CURVE E-1
401	6,436.963	32,065.752	P.C. CURVE E-2 (12' RT.)
402	6,267.475	32,071.997	P.I. CURVE E-1
403	6,160.533	32,056.354	P.I. CURVE E-2
404	6,098.821	32,085.294	P.T. CURVE E-1
405	5,884.799	32,078.094	P.T. CURVE E-2 (24' RT.)
406	5,763.001	32,111.771	P.O.T. END RDWY "E"
			ROADWAY "F"
407	5,765.359	32,141.678	P.C. CURVE F-1 BEGIN RDWY "F"
408	5,873.528	32,159.836	P.C. CURVE F-2 (24' RT.)
409	5,917.916	32,129.650	P.I. CURVE F-1
410	6,104.930	32,152.946	P.I. CURVE F-2
411	6,070.668	32,138.859	P.T. CURVE F-1
412	6,336.015	32,166.878	P.T. CURVE F-2 (12' RT.)
			ROADWAY "EF"
413	5,764.180	32,126.725	P.O.T. BEGIN RDWY "EF"
414	5,751.221	32,127.746	P.O.T. NOSE POINT
415	5,744.242	32,128.297	℄ INTS. OF RDWY "EF" AND RAMP "W"
416	5,676.837	32,133.611	P.O.T. NOSE 1' LT.
417	5,676.916	32,134.608	NOSE POINT
418	5,496.057	32,186.985	P.C. CURVE EF-3 (39' LT.)
419	5,466.207	32,150.218	P.C. CURVE EF-1
420	5,373.200	32,118.430	P.C. CURVE EF-2
1440	5,318.320	32,150.626	P.O.T. NOSE POINT 0.283' RT.
1441	5,256.985	32,144.744	P.O.T. NOSE 0.565' RT.
1442	5,257.059	32,144.184	NOSE POINT
421	5,369.741	32,196.944	P.I. CURVE EF-3
422	5,308.313	32,162.667	P.I. CURVE EF-1
423	5,246.530	32,167.382	P.T. CURVE EF-3
424	5,246.884	32,128.389	P.I. CURVE EF-2
425	5,154.299	32,125.714	P.T. CURVE EF-1
426	5,123.673	32,098.827	P.T. CURVE EF-2
427	5,040.192	32,098.336	P.O.T. LEFT CORNER OF 4' STUB 29' LT.
428	4,524.620	31,974.635	P.O.T. END RDWY "EF"

TRAVERSE POINT LOCATION
(CONTINUED FROM SHEET No.)

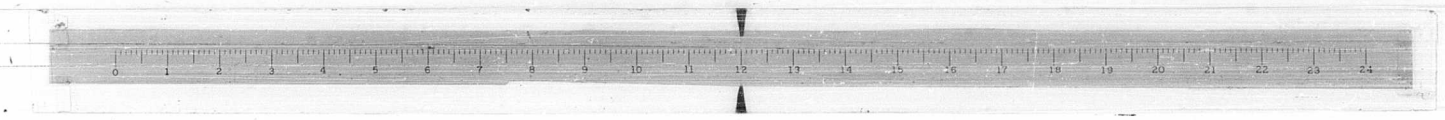
12-E	7,668.961	35,467.713	TRAVERSE POINT
14-E	7,462.290	35,242.093	TRAVERSE POINT

POINT CODE NO.	COORDINATE NORTH	COORDINATE EAST	DESCRIPTION
			RAMP "X"
440	4,519.954	31,994.083	P.O.T. BEGIN RAMP "X"
441	5,028.024	32,144.752	P.O.T. LEFT CORNER 4' STUB 19' RT
442	5,033.426	32,126.536	LEFT CORNER 4' STUB
443	5,155.018	32,182.412	P.C. CURVE X-1
444	5,268.426	32,216.043	P.I. CURVE X-1
445	5,376.457	32,264.227	P.R.C. CURVE X-1/X-2
446	5,503.273	32,320.788	P.I. CURVE X-2
447	5,641.095	32,303.856	P.R.C. CURVE X-2/X-3
448	5,639.144	32,287.975	P.R.C. CURVE X-4 16' LT.
449	5,730.818	32,292.833	P.I. CURVE X-3
450	5,743.076	32,275.206	P.I. CURVE X-4
451	5,818.720	32,313.923	P.T. CURVE X-3
452	5,844.900	32,299.637	P.T. CURVE X-4 20' LT.
			RAMP "W"
460	5,991.868	32,307.130	P.C. CURVE W-1 BEGIN RAMP "W"
461	5,970.358	32,320.480	P.C. CURVE W-2 18.38' LT.
462	5,841.034	32,289.451	P.I. CURVE W-2
463	5,842.560	32,271.306	P.I. CURVE W-1
1443	5,850.145	32,241.824	P.C.C. BEGIN 100-30'-100 COMPOUND CURVE
464	5,756.877	32,186.471	P.T. CURVE W-2 24' LT.
465	5,755.573	32,144.777	P.T. CURVE W-1

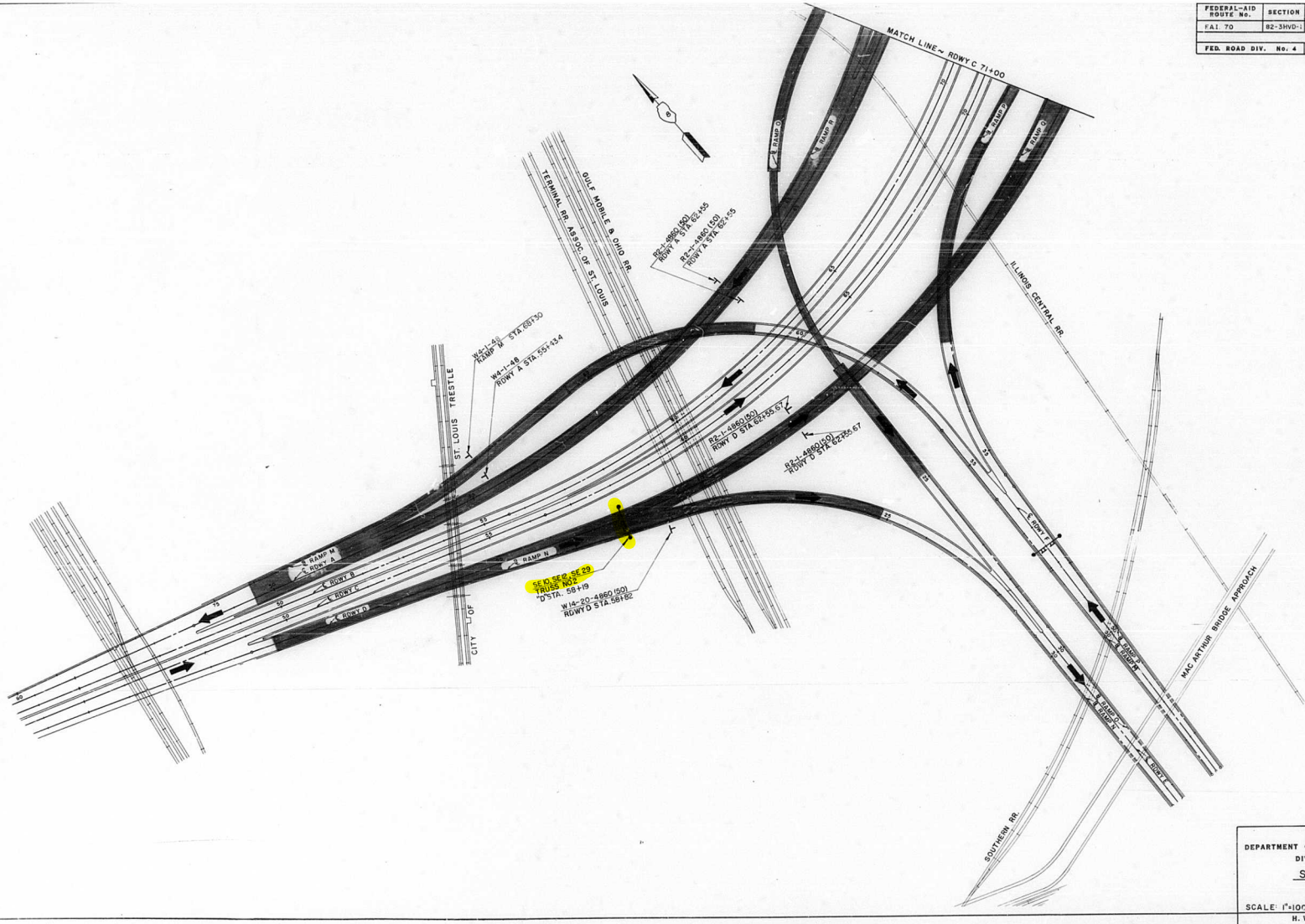
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

LIST OF COORDINATE POINTS AND DESCRIPTIONS

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	37
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

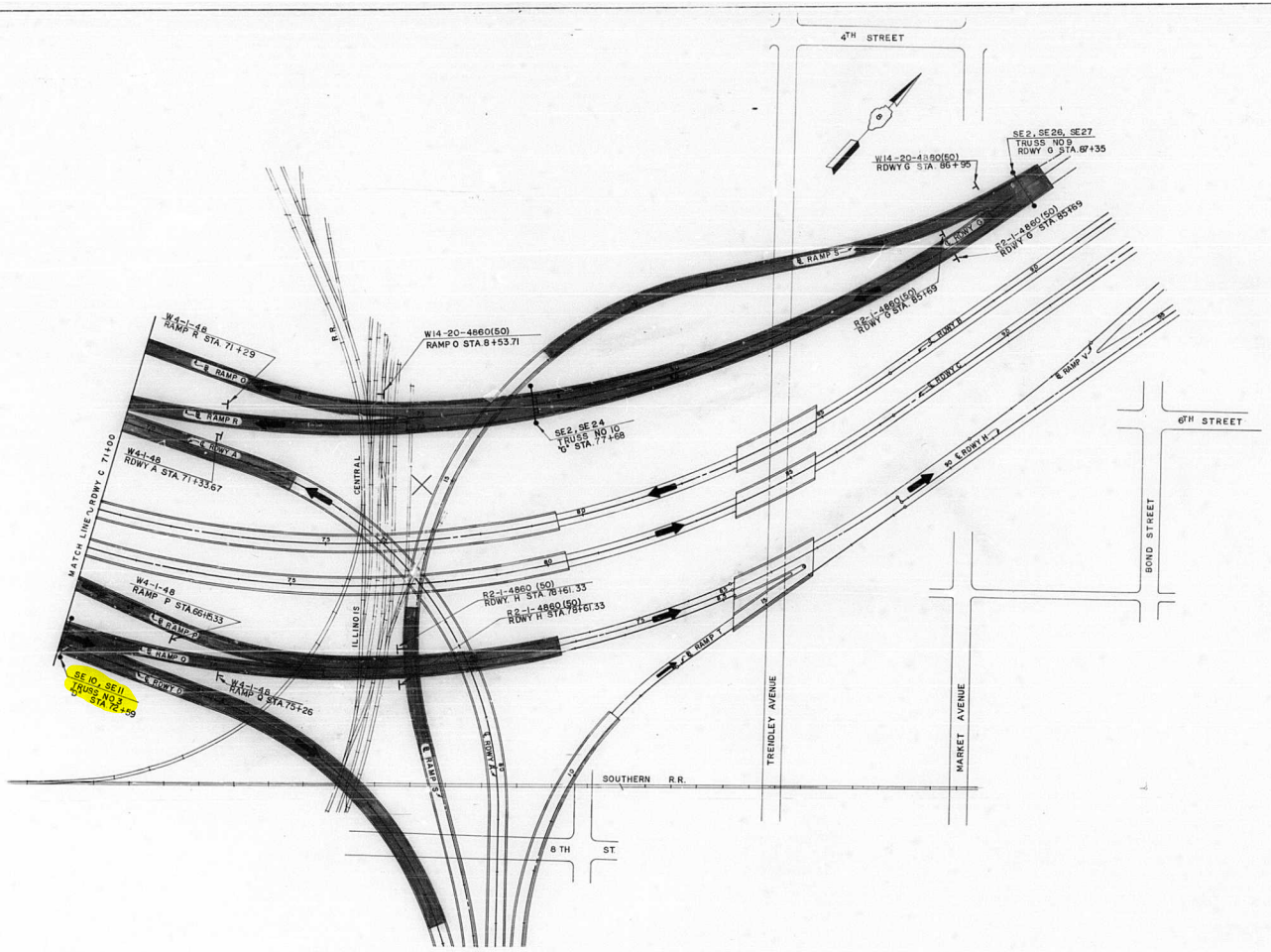
SIGNING PLAN

SCALE: 1"=100

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

Rev. 6-13-67 CEM
Deleted Emer. Stop Sign - R-26-4836
Sta. 53+25 Rdwy. D

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST CLAIR	258	38
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SIGNING PLAN

SCALE: 1"=100'

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

Rev. 6-13-67 CEM
Deleted Two Emer. Stop Signs
Sta. R&L 80+56 Rdwy. G

FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	39
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



SE 11

TRUSS NO. 3



SE 2

TRUSS NO. 9 & 10



SE 24

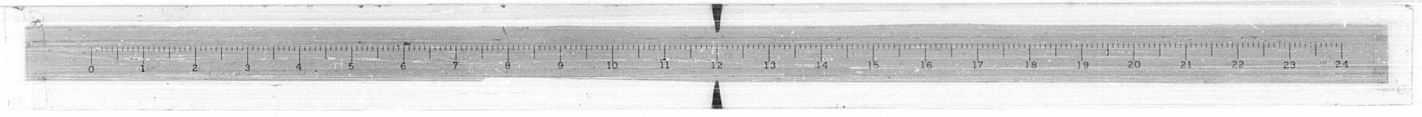
TRUSS NO. 10

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SPECIAL SIGNS

SE-2, SE-11, AND SE-24

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



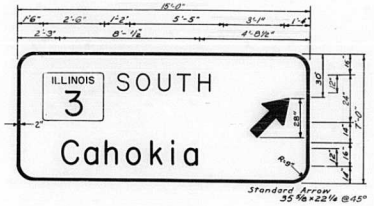
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	40
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



SE 10
TRUSS NO. 2 & 3



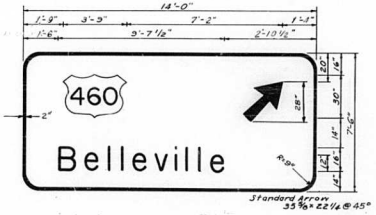
SE 29
TRUSS NO. 2



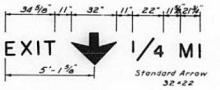
SE 12
TRUSS NO. 2



SE 27
TRUSS NO. 9



SE 26
TRUSS NO. 9

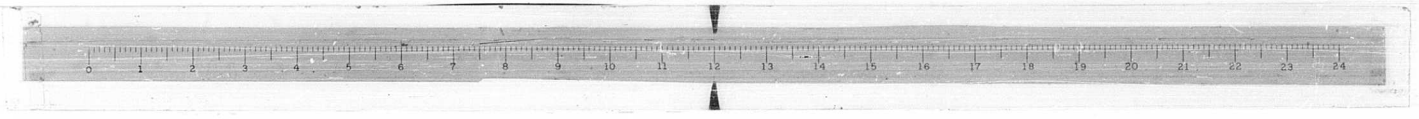


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SPECIAL SIGNS

SE-10, SE-12, SE-26, SE-27 AND SE-29

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3(VD-1	ST. CLAIR	258	41
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

QUANTITIES FOR SPECIAL SIGNS

	LOCATION		LOWER CASE LETTERS	CAPITAL LETTERS & NUMBERS				ARROW SYMBOLS		ROUTE MARKERS			BORDER	SIGN PANEL REFLECTORIZED
	Dim's		12	16	15	12	10	32x22	35½x22½	M1-30(12)	M1-21	M1-5	2"	
										3636	4530	3024		
			Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Lin Ft	Square Feet
SE 10	14'0" X 9'-0"	TRUSS 2	11	5				1					46	126
SE 12	15'0" X 7'-0"		6	1		5			1			1	44	105
SE 29	14'0" X 10'-0"		9	1	1		8	1			1		48	140
SE 10	14'0" X 9'-0"	TRUSS 3	11	5				1					46	126
SE 11	13'-0" X 10'-0"		9	1				2			1		46	130
SE 2	12'-0" X 10'-0"	TRUSS 9	5	2				1		2			44	120
SE 27	14'-0" X 9'-0"		6	1	1	5	8	1				1	46	126
SE 26	14'-0" X 7'-6"		9	1					1		1		42	105
SE 2	12'-0" X 10'-0"	TRUSS 10	8	2				1		2			44	120
SE 24	11'-6" X 9'-0"		6	1		5		1				1	41	103.5
		TOTALS	77	20	2	15	16	9	2	4	3	3	448	1201.5

GENERAL NOTES

1. A wind pressure of 30 lbs./sq ft. shall be used in determining the maximum spacing of the horizontal girts for sign mounting (See Standard 2151-9)
2. Wherever in these plans reference is made to the "Standard Specifications," it is understood to include the "Supplemental Specifications," effective January 3, 1966, and the "Supplemental Specification for Highway Signing," effective March 1, 1963.
4. The demountable letter used in the make-up of the Special Signs should be series E of the Standard Alphabets for Highway Signs modified by widening the stroke width of the upper case letter to approximately one fifth the capital letter or numeral height.
5. All Signs included in this contract shall be reflectorized.
6. The minimum dimensions from the edge of a Standard Arrow Symbol to the inside edge of the border shown are Standard 2140-4 shall be considered Standard unless otherwise specified.
7. Any Standard Signs indicated on the plans but not shown on the accompanying Standards, may be found in the State of Illinois Manual of Uniform Traffic Control Devices for Streets and Highways.
8. Sign panels shall be installed in accordance with Article 14.5.4.3 of the Supplemental Specifications.
9. The high point of the pavement at each location for Overhead Truss Signs shall be determined and this point shall be used as Elevation "A" for the Bench Mark in staking Truss foundations.
10. All standard signs shall be made of metal.

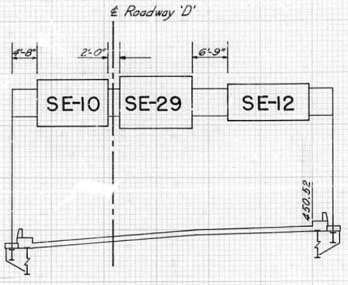
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SPECIAL SIGN QUANTITIES

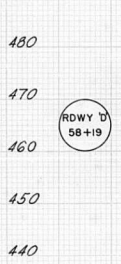
& GENERAL NOTES

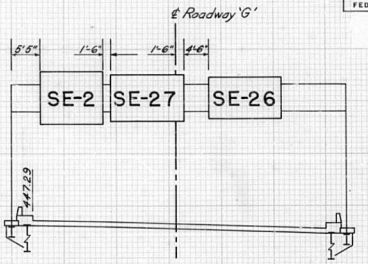
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

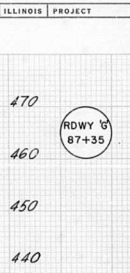
FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	42
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		



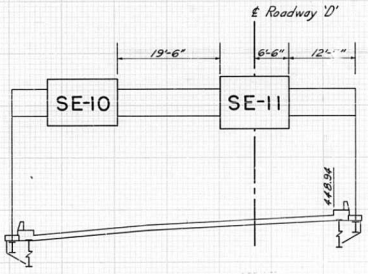
TRUSS NO. 2





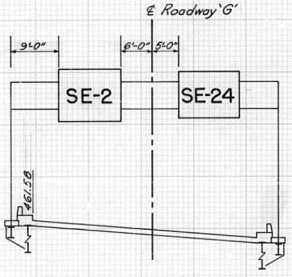


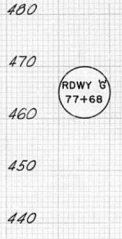
TRUSS NO. 9



TRUSS NO. 3







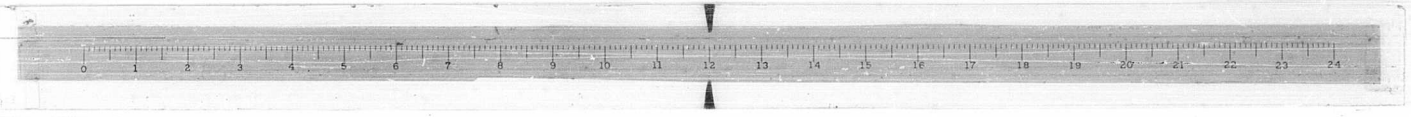
TRUSS NO. 10

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

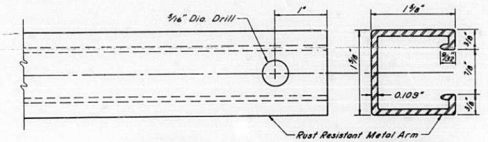
LOCATION OF SIGNS ON TRUSS 2, 3, 9, & 10

SCALE 1" = 10' VERT.
1" = 10' HORIZ.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.

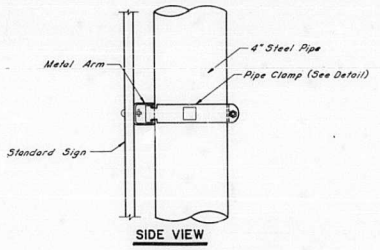


FEDERAL-AID ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	43
FED. ROAD DIV. No. 4	ILLINOIS	PROJECT		

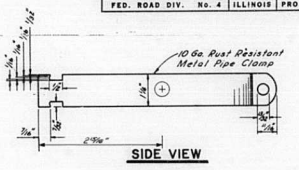


ELEVATION — SIDE VIEW

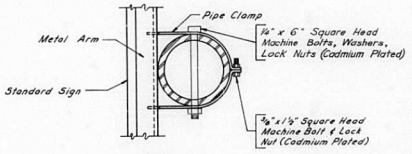
METAL ARM DETAIL
FULL SCALE



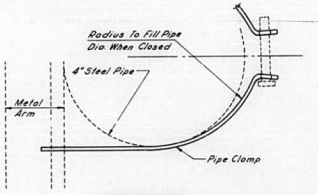
SIDE VIEW



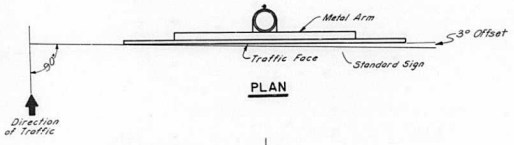
SIDE VIEW



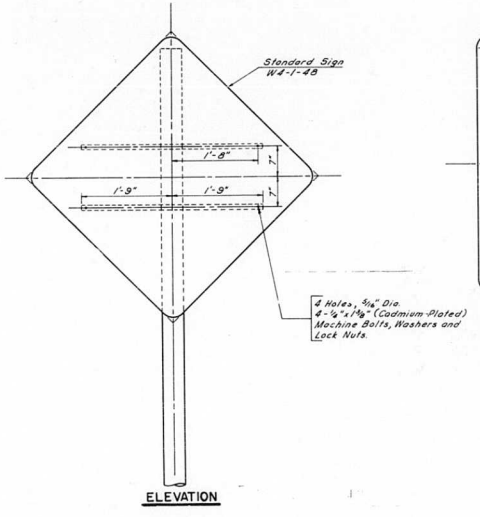
PLAN
CLAMP DETAIL
SCALE: 11/4"=1'-0"



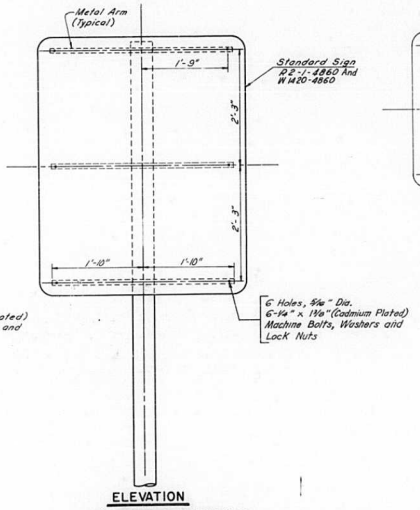
PIPE CLAMP
SCALE: 1"=2"



PLAN

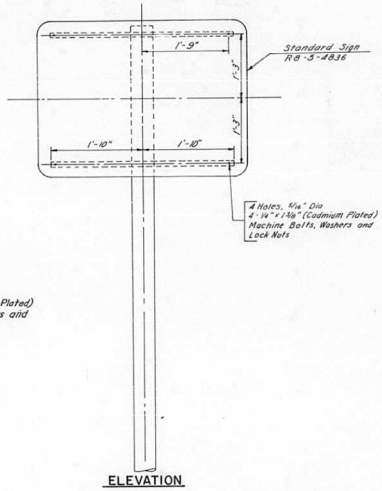


ELEVATION



ELEVATION

MOUNTING DETAILS
SCALE: 1"=1'-0"



ELEVATION

Notes: All Materials used in mounting Sign to 4" Steel Pipe shall have the approval of the Engineer.

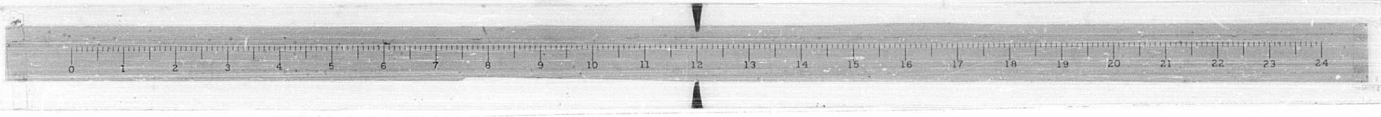
For lengths of 4" Steel Pipe & Bracket Details See Bridge Plans.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

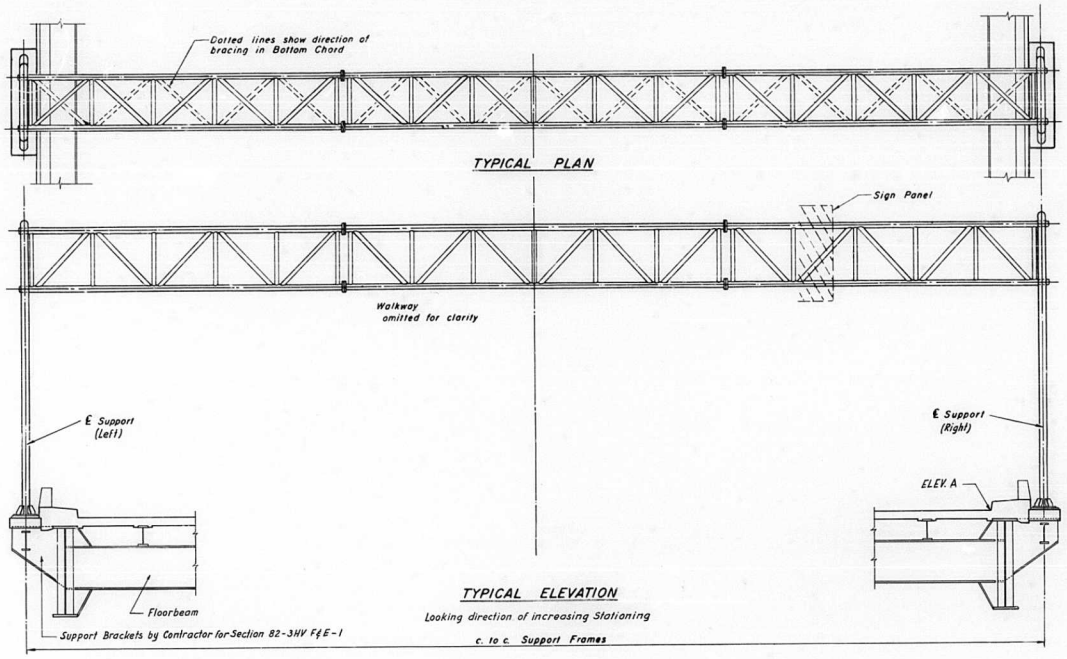
SIGN MOUNTING DETAILS

SCALE AS NOTED

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILL.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	44
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



TYPICAL PLAN

TYPICAL ELEVATION

Looking direction of increasing Stationing

Elev. A = Elev. High Point of Roadway.

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHO Specifications for the Design and Construction of Structural Supports for Highway Signs, dated November, 1960.

CONSTRUCTION: Standard Specifications for Road and Bridge Construction, State of Illinois, dated January 2, 1958, Supplemental Specifications for Road and Bridge Construction, Supplemental Specifications for Highway Signing dated March 1, 1963 and Special Provisions.

LOADING:

WIND LOADING: 30 p.s.f. normal to Sign Panel Area (9.0 ft. Sign Height x 75% Design Span) plus 7.5 p.s.f. normal to remainder of sign truss area.

WALKWAY LOADING: Dead Load + 500 # concentrated liveload

UNIT STRESSES:

Structural Steel - 18,000 p.s.i.

Structural Aluminum - per AASHO Specifications for Highway Signs, Nov. 1960.

Allowable unit stresses due to wind load in combination with other forces, are increased 1.45.

MINIMUM CLEARANCE: Vertical Roadway Clearance = 17'-3" (All Obstructions)

SIGN TRUSS UNITS shall be all welded construction.

WELDING: All welding to be continuous unless otherwise shown. All welding to be made in accordance with current AWS Specifications. Welding on ASTM A-36 Plates and Shapes or ASTM A-53 Grade B Pipe or Tube shall conform to ASTM A233 using E6010, 11 or 27 electrodes. Aluminum alloy filler wire for welding aluminum shall conform to ASTM B-285 ER 5356.

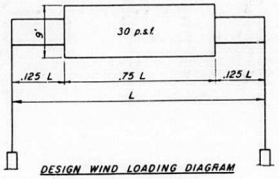
MATERIALS: Aluminum Alloys as shown throughout plans.

All Structural Steel Pipe shall be ASTM A-53 Grade B with a minimum yield of 35,000 p.s.i.

All cross-reference sheet numbers shown on plans are the numbers located in the lower right hand corner.

TOTAL BILL OF MATERIAL		
ITEM	UNIT	TOTAL
Overhead Sign Walkway (Aluminum)	Lin. Ft.	213
Overhead Sign Structure Type II-A (4'-6" x 5'-3")	Lin. Ft.	242.5

TRUSS NO.	STATION	C. to C. SUPPORT	ELEV. A
#2	58+19.00 ℄ Rdwy "D"	61'-5¼"	450.52
#3	72+59.00 ℄ Rdwy "D"	63'-9½"	448.94
#9	87+35.00 ℄ Rdwy "G"	64'-3½"	447.29
#10	77+68.00 ℄ Rdwy "G"	50'-11½"	461.58



DESIGN WIND LOADING DIAGRAM

ALTERNATE "A"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN AND ELEVATION ALUMINUM TRUSS AND STEEL SUPPORTS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

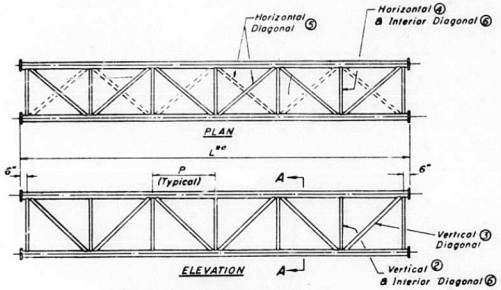
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H.W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

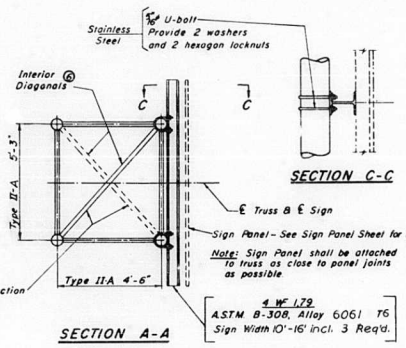
SHEET 1 of 10

DESIGNED BY P.K.
DRAWN BY L.S.
CHECKED BY P.K.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-I	ST. CLAIR	258	45
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



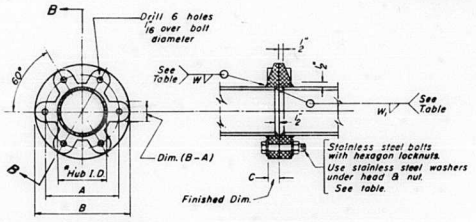
TYPICAL INTERIOR UNIT



SECTION C-C

Note: Reverse Direction of Diagonals at alternate panels

SECTION A-A



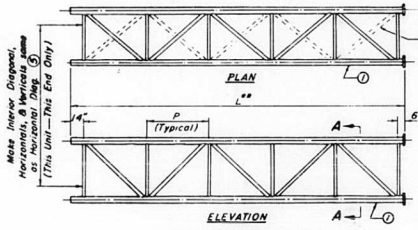
SPLICING FLANGE

A.S.T.M. B-26, Alloy SG-70A Temper T6
or
A.S.T.M. B-247 Alloy 6061 Temper T6

* To fit O.D. of Chord

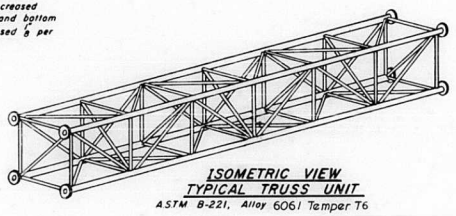
SECTION B-B

Note: Flanges shall be given additional finish if necessary to insure full contact between plates.



TYPICAL END UNIT

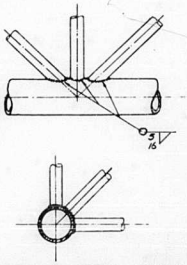
**Dimension "L" of top chord of truss unit shall be increased 1/8 per 20'-0" of truss and bottom chord shall be decreased 1/8 per 20'-0" of truss unit



ISOMETRIC VIEW
TYPICAL TRUSS UNIT
A.S.T.M. B-221, Alloy 6061 Temper T6

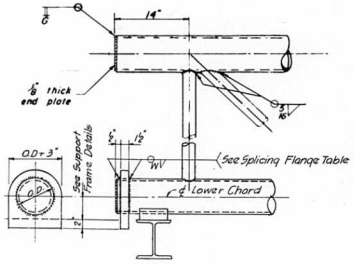
SPLICING FLANGE TABLE

Truss Number	Bolts No.	Bolts Size	W	W1	A	B	C
#2	48	3/4"	1/4"	3/16"	8 1/2"	11 1/2"	1 1/2"
#3	48	3/4"	1/4"	3/16"	8 1/2"	11 1/2"	1 1/2"
#9	48	3/4"	1/4"	3/16"	8 1/2"	11 1/2"	1 1/2"
#10	24	3/4"	1/4"	3/16"	8 1/2"	11 1/2"	1 1/2"



TYPICAL JOINT DETAILS

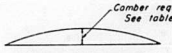
Note: All members shall fit snugly before welding



END DETAIL for END UNIT

TRUSS UNIT TABLE

Truss Number	Station	Truss Type	End Units (2) No. Panels per Unit	End Units (2) Unit Lgth (L)	End Units (2) Panel Lgth (P)	Interior Unit No. Req'd	Interior Unit No. Panels per Unit	Interior Unit Unit Lgth (L)	Interior Unit Panel Lgth (P)	Top & Btm Chord ① O.D.	Top & Btm Chord ① Wall	Vertical ② O.D.	Vertical ② Wall	Vertical Diag. ③ O.D.	Vertical Diag. ③ Wall	Horizontal ④ O.D.	Horizontal ④ Wall	Horizontal Diag. ⑤ O.D.	Horizontal Diag. ⑤ Wall	Interior Diag. ⑥ O.D.	Interior Diag. ⑥ Wall	Camber at ℄
#2	58+19.00 ℄ Rdwy "D"	II-A	4	21'-2"	4'-10 1/2"	1	4	20'-6"	4'-10 1/2"	4 1/2"	3/16"	1 3/4"	3/16"	2 1/2"	5/16"	1 3/4"	3/16"	2 1/2"	1/16"	2 1/4"	3/16"	1 1/4"
#3	72+59.00 ℄ Rdwy "D"	II-A	4	22'-8"	5'-3"	1	4	22'-0"	5'-3"	4 1/2"	3/16"	1 3/4"	3/16"	2 1/2"	5/16"	1 3/4"	3/16"	2 1/2"	1/16"	2 1/4"	3/16"	1 1/2"
#9	87+35.00 ℄ Rdwy "G"	II-A	4	22'-1"	5'-1 1/4"	1	4	21'-5"	5'-1 1/4"	4 3/4"	3/16"	1 3/4"	3/16"	2 1/2"	5/16"	1 3/4"	3/16"	2 1/2"	1/16"	2 1/4"	3/16"	1 1/2"
#10	77+68.00 ℄ Rdwy "G"	II-A	5	26'-1 3/4"	4'-10 3/4"	—	—	—	—	4 3/4"	3/16"	1 3/4"	3/16"	2 1/2"	5/16"	1 3/4"	3/16"	2 1/2"	1/16"	2 1/4"	3/16"	5/8"



CAMBER DIAGRAM

DESIGNED BY P.X.
DRAWN BY L.S.
CHECKED BY P.X.
APPROVED BY K.A.

Corrected No. bolts-Tr. 10; corrected Panel & Unit lgths. of Int. Unit-Tr. 9; corrected A.S.T.M. Desig. 2-14-67 OJR-W.M.B.

ALTERNATE "A"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

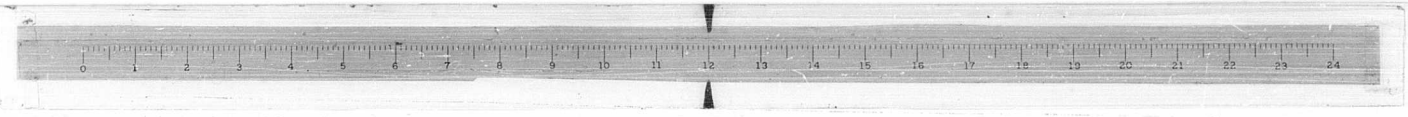
ALUMINUM TRUSS DETAILS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

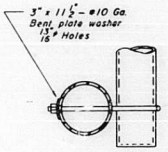
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H.W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

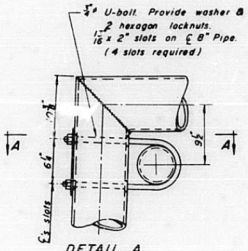
SHEET 2 of 10



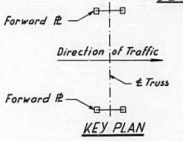
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	46
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



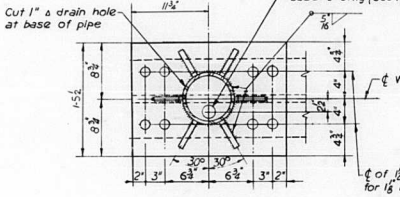
SECTION A-A



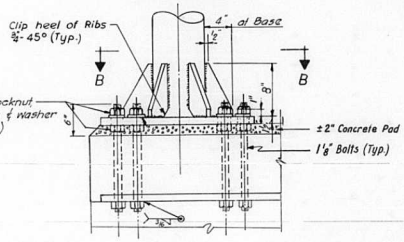
DETAIL A



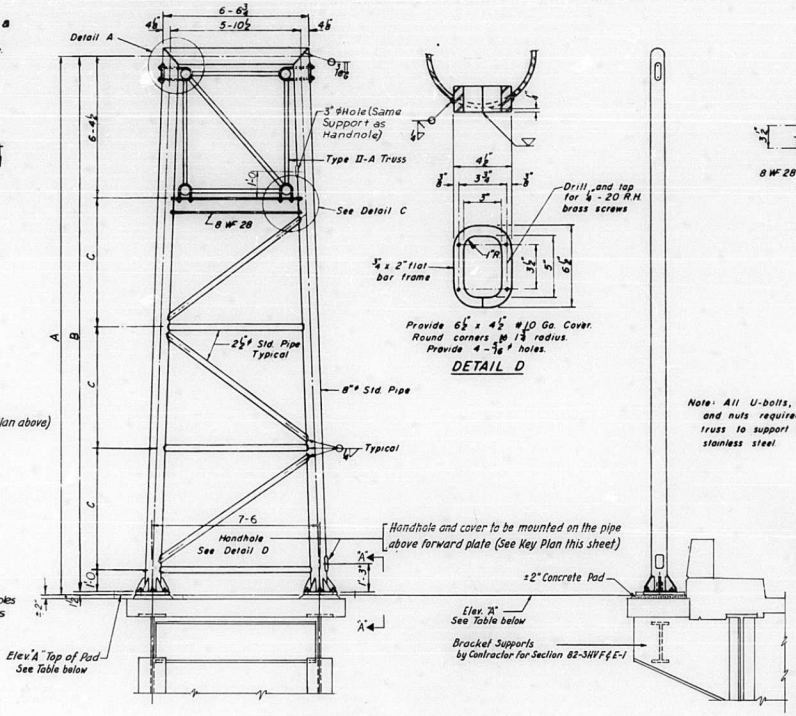
KEY PLAN



SECTION B-B



VIEW A-A

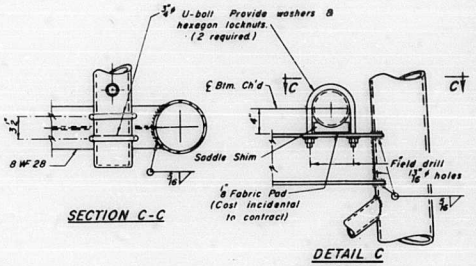


SIDE ELEVATION

FRONT ELEVATION

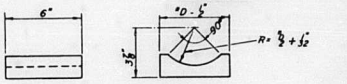
Left Side
Right Side
Increasing Stations

DETAIL D



SECTION C-C

DETAIL C



SADDLE SHIM DETAIL

ASTM B-26 Alloy SG-70A (As Cast)
or ASTM B-209 Alloy 6061-T6

4 required per sign truss.

"D" = Outside Diameter of Chord

Note: All U-bolts, washers and nuts required to attach truss to support shall be stainless steel

TRUSS No.	STATION	DIMENSION	LEFT SIDE	RIGHT SIDE
2	58+19.00 ℄ Rdwy "D"	A	29'-9"	26'-9"
		B	29'-7½"	26'-7½"
		C	7'-5"	6'-5"
3	72+59.00 ℄ Rdwy "D"	A	30'-5¼"	26'-9"
		B	30'-3⅜"	26'-7½"
		C	7'-7⅜"	6'-5"
9	87+35.00 ℄ Rdwy "G"	A	28'-3"	26'-6¾"
		B	28'-1½"	26'-5¼"
		C	6'-11"	6'-4½"
10	77+68.00 ℄ Rdwy "G"	A	30'-1½"	26'-9"
		B	30'-0"	26'-7½"
		C	7'-6½"	6'-5"

ELEVATION "A"

TRUSS No.	Left Side	Right Side
2	447.69	450.69
3	445.42	449.11
9	445.96	447.65
10	458.38	461.75

TRUSS SUPPORT DETAILS
(8" Std. Pipe - Type II-A

Wall Thickness 0.277"

ALTERNATE "A"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
SUPPORT FRAME FOR ALUMINUM TRUSS
TYPE II-A
F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

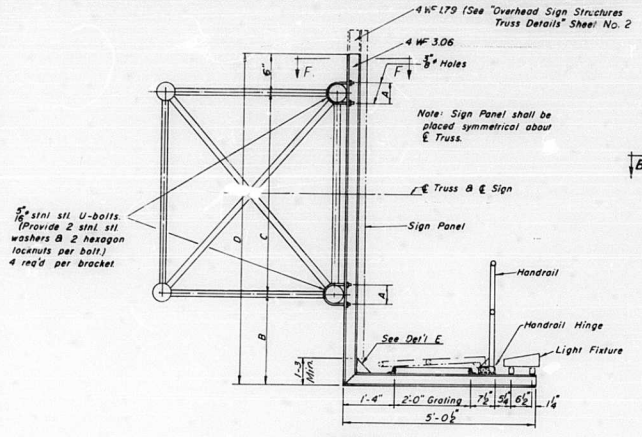
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 3 OF 10

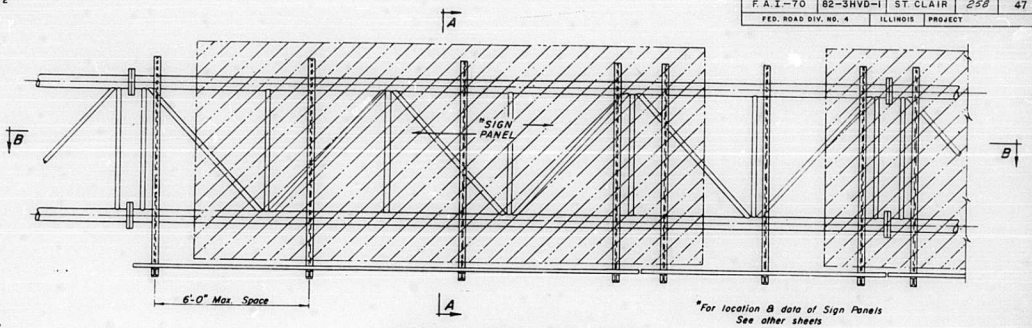
DESIGNED BY P.Y.
DRAWN BY L.S.
CHECKED BY P.Y.
APPROVED BY K.A.

Note: Ribs shall be cut to fit Slope of Pipe.
Weld to Pipe and to Base Plate with 5/16" c.f.w.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	47
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

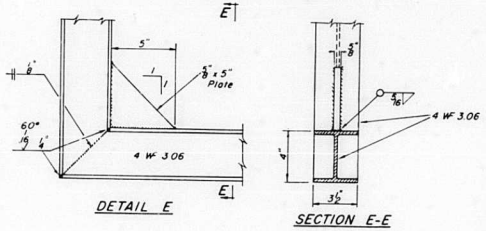


SECTION A-A



TYPICAL FRONT ELEVATION
(With Lights & Handrail omitted for clarity.)

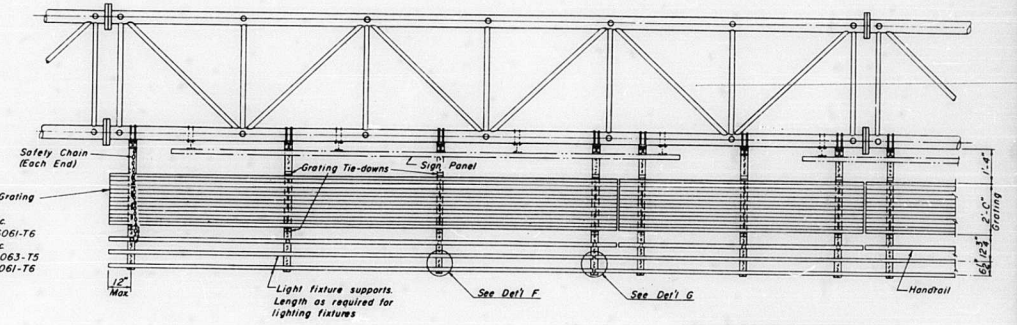
*For location & data of Sign Panels See other sheets



DETAIL E

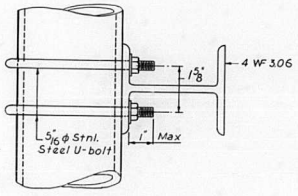
SECTION E-E

BRACKET DETAILS



SECTION B-B

Note: Handrail & Grating shall span a minimum of three brackets
Place all sign and walkway brackets as close to panel points as possible
For Details 'F' and 'G' see Sheet No. 5.



SECTION F-F

TRUSS NUMBER	STATION	A	B	C	D
2	58+19.00 ℄ Rdwy "D"	5 3/16"	3'-7 1/2"	5'-3"	9'-4 1/2"
3	72+39.00 ℄ Rdwy "D"	5 3/16"	3'-7 1/2"	5'-3"	9'-4 1/2"
9	87+35.00 ℄ Rdwy "6"	5 3/16"	3'-7 1/2"	5'-3"	9'-4 1/2"
10	77+68.00 ℄ Rdwy "6"	5 3/16"	3'-7 1/2"	5'-3"	9'-4 1/2"

ALTERNATE "A"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ALUMINUM WALKWAY DETAILS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

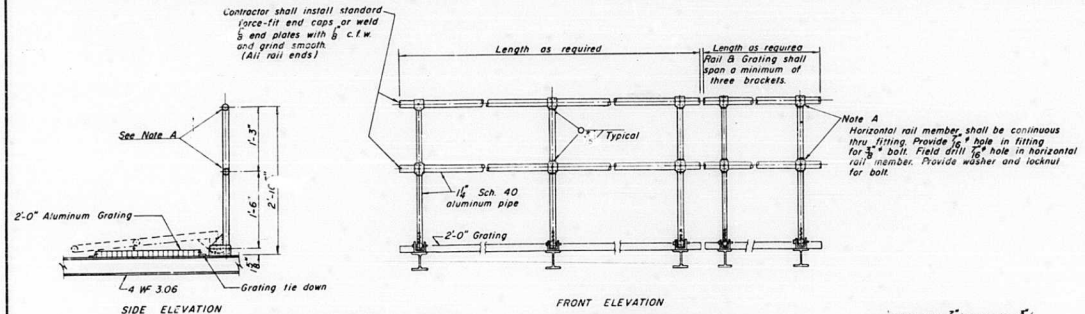
H.W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 4 of 10

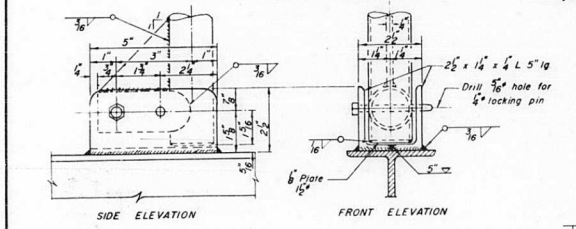
DESIGNED BY P.K.
DRAWN BY L.S.
CHECKED BY P.K.
APPROVED BY K.A.

Corrected bracket hts 2-14-67 DJE-WMB

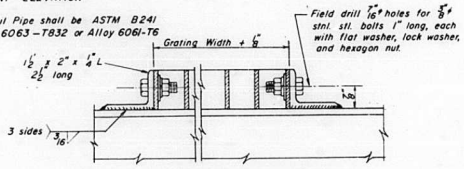
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVD-I	ST. CLAIR	258	48
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



TYPICAL HANDRAIL DETAIL

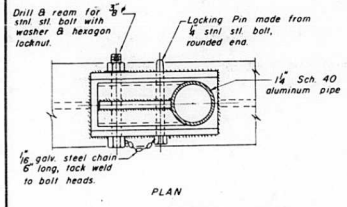


Note: Handrail Pipe shall be ASTM B241 Alloy 6063–T832 or Alloy 6061-T6

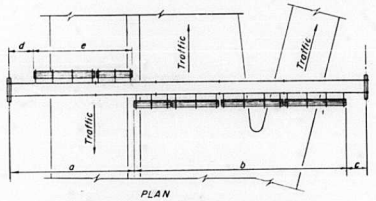


GRATING TIE DOWN

2 Req'd per Walkway Bracket



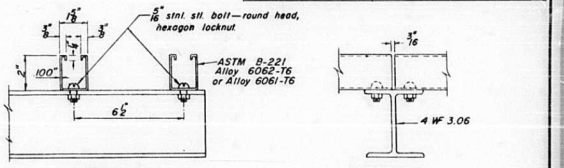
DETAILS OF HANDRAIL HINGE

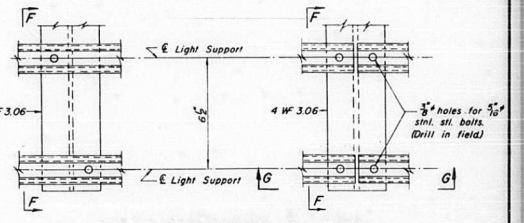


WALKWAY AND HANDRAIL SKETCH

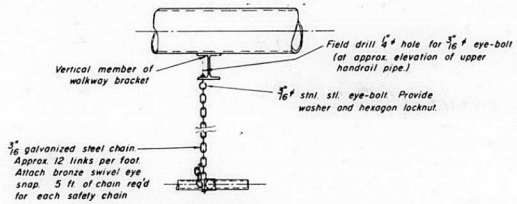
Note: Road Plan shown beneath truss just typical.

Truss Number	Station	a	b	c	d	e	Grating & Handrail Lengths
2	58+19.00 ℄ Rdwy "D"	–	36'-0"	2'-0"	–	–	36'-0"
3	72+59.00 ℄ Rdwy "D"	–	38'-0"	2'-0"	–	–	38'-0"
9	87+35.00 ℄ Rdwy "G"	–	38'-0"	2'-0"	–	–	38'-0"
10	77+68.00 ℄ Rdwy "G"	–	41'-0"	2'-0"	–	–	41'-0"





LIGHTING FIXTURE MOUNTS



SAFETY CHAIN

One (1) required for each end of each walkway.

ALTERNATE "A"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ALUMINUM WALKWAY DETAILS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

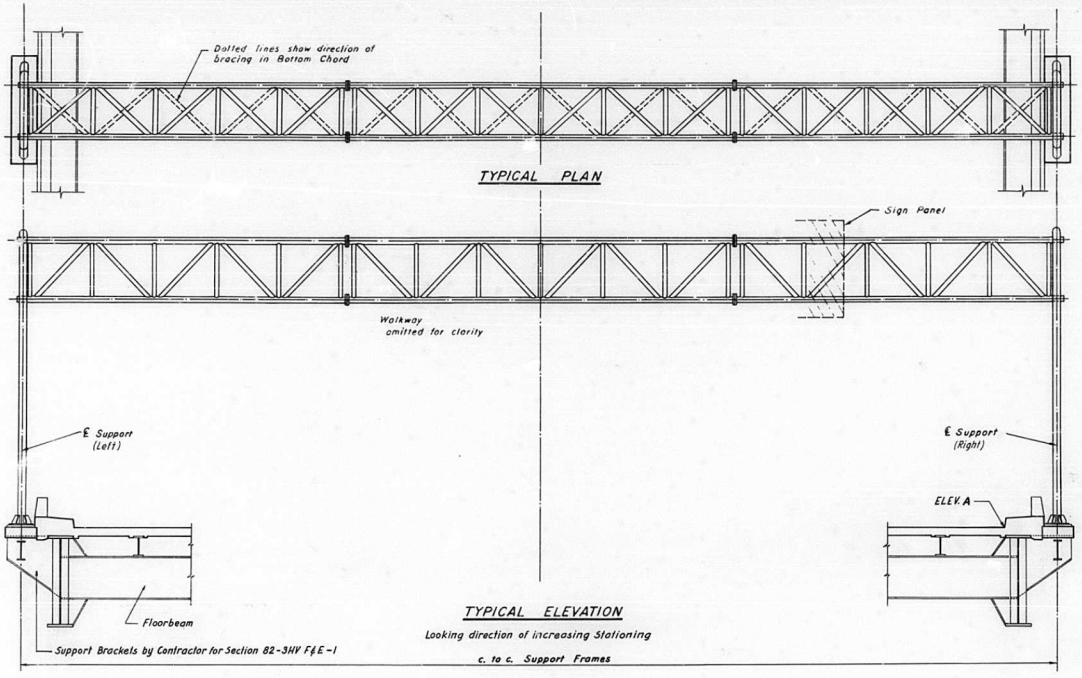
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H.W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 5 OF 10

DESIGNED BY P.K.
DRAWN BY I.S.
CHECKED BY P.K.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	49
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



TYPICAL PLAN

TYPICAL ELEVATION

Looking direction of increasing Stationing

c. to c. Support Frames

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHO Specifications for the Design and Construction of Structural Supports for Highway Signs, dated November, 1960

CONSTRUCTION: Standard Specifications for Road and Bridge Construction, State of Illinois, dated January 2, 1958. Supplemental Specifications for Road and Bridge Construction, Supplemental Specifications for Highway Signing dated March 1, 1963 and Special Provisions.

LOADING:

WIND LOADING: 30 p.s.f. normal to Sign Panel Area (.90 ft. Sign Height x 75% Design Span) plus 7.5 p.s.f. normal to remainder of sign truss area

WALKWAY LOADING: Dead Load + 500 # concentrated liveload

UNIT STRESSES:

Structural Steel - per AASHO Specifications for Highway Signs, dated November, 1960

Allowable unit stresses due to wind, or wind load in combination with other forces, are increased 1.45.

MINIMUM CLEARANCE: Vertical Roadway Clearance = 17'-3" (All Obstructions)

SIGN TRUSS UNITS shall be all welded construction.

WELDING: All welding to be continuous unless otherwise shown. All welding to be made in accordance with current AWS Specifications. Welding on ASTM A-36 Plates and Shapes or ASTM A-53 Grade B Pipe or Tube shall conform to ASTM A233, using E-6010, 11 or 27 electrodes.

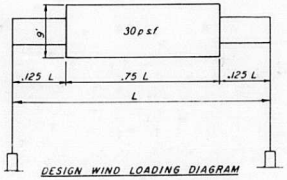
MATERIALS: All Structural Steel Pipe shall be ASTM A-53 Grade B with a minimum yield of 35,000 p.s.i.

All Structural Steel Tube shall be new prime product and shall conform to the applicable requirements of ASTM A-53, Grade B, except for size as indicated in Tables IV & V of Appendix I and hydrostatic test, and shall have a minimum yield of 35,000 p.s.i.

TOTAL BILL OF MATERIAL		
Item	UNIT	TOTAL
Overhead Sign Walkway (Steel)	Lin. Ft.	213
Overhead Sign Structure Type II-S (4'-6", 5'-3")	Lin. Ft.	242.5

Truss No.	Station	c. to c. Support	Elev. A
#2	58+19.00 ℄ Rdwy "D"	61'-5¼"	450.52
#3	72+59.00 ℄ Rdwy "D"	65'-9⅜"	448.94
#9	87+35.00 ℄ Rdwy "G"	64'-3½"	447.29
#10	77+68.00 ℄ Rdwy "G"	50'-11½"	461.58

Elev. A = Elev. High Point of Roadway



DESIGN WIND LOADING DIAGRAM

ALTERNATE "B"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN AND ELEVATION STEEL TRUSS AND STEEL SUPPORTS

F.A.I. ROUTE 70

OVERHEAD SIGN STRUCTURES

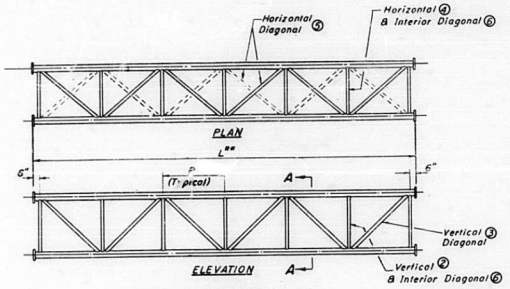
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC. ENGINEERS
CHICAGO, ILLINOIS

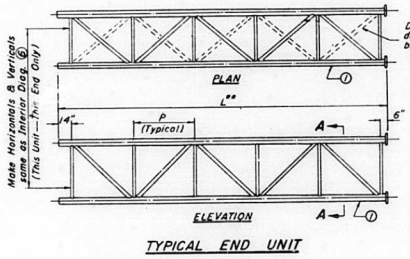
SHEET 6 OF 10

DESIGNED BY P.K.
DRAWN BY L.S.
CHECKED BY P.K.
APPROVED BY K.A.

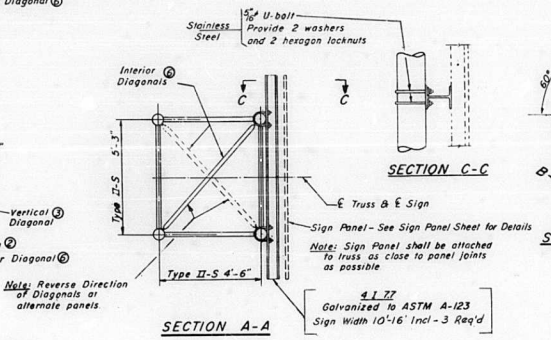
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	50
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



TYPICAL INTERIOR UNIT

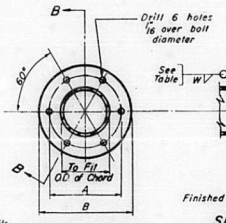


TYPICAL END UNIT

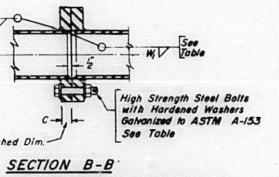


SECTION A-A

SECTION C-C

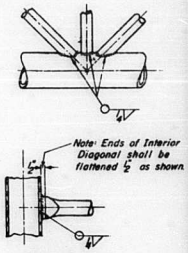


SPLICING FLANGE
ASTM A-36

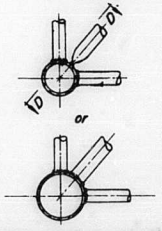


SECTION B-B

Note: Flanges shall be given additional finish if necessary to insure full contact between plates.

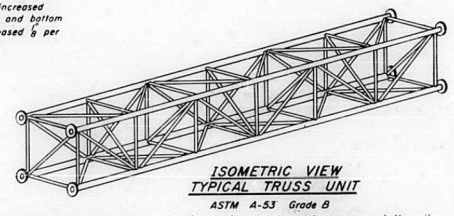


SEC. D-D



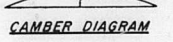
TYPICAL JOINT DETAILS

Note: All members shall fit snugly before welding.

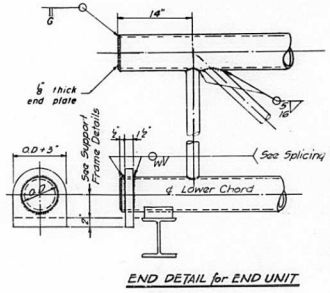


ISOMETRIC VIEW
TYPICAL TRUSS UNIT

ASTM A-53 Grade B



CAMBER DIAGRAM



END DETAIL for END UNIT

""Dimension "L" of top chord of truss unit shall be increased ⅛" per 20'-0" of truss and bottom chord shall be decreased ⅛" per 20'-0" of truss unit.

The steel overhead sign trusses shall be hot-dipped galvanized after fabrication is completed in accordance with A.S.T.M. Designations A-123 and A-385. All closed or blind tubes or pipes of the trusses shall be vented with two one-half inch (2-½") holes located in such position that the tubes or pipes will not retain water after erection.

During shipment to and storage at the site the trusses shall be blocked and any portions which could be damaged shall be wrapped with tough, non-staining paper to preserve finish. The exposed surfaces of the trusses shall be of even texture, free from damage, marks, and imperfections.

Poor appearance or damage to the galvanizing surfaces of the trusses shall be sufficient cause for rejection. The cost of galvanizing the trusses shall be included in the contract unit price per lineal foot for OVERHEAD SIGN STRUCTURES.

SPLICING FLANGE TABLE

Truss Number	Bolts No.	Bolts Size	W	W1	A	B	C
#2	48	⅜"	¼"	3/16"	6½"	9½"	1¼"
#3	48	⅝"	¼"	3/16"	6½"	9½"	1¼"
#9	48	⅝"	¼"	3/16"	6½"	9½"	1¼"
#10	24	⅜"	¼"	3/16"	6½"	9½"	1¼"

TRUSS UNIT TABLE

Truss Number	Station	Truss Type	End Units (2) No. Panels per Unit	End Units (2) Unit Lgth (L)	End Units (2) Panel Lgth (P)	Interior Unit No. Reqd	Interior Unit No. Panels per Unit	Interior Unit Unit Lgth (L)	Interior Unit Panel Lgth (P)	Top & Btm Chord ① O.D.	Top & Btm Chord ① Wall	Vertical ② O.D.	Vertical ② Wall	Vertical Diag. ③ O.D.	Vertical Diag. ③ Wall	Horizontal ④ O.D.	Horizontal ④ Wall	Horizontal Diag. ⑤ O.D.	Horizontal Diag. ⑤ Wall	Interior Diag. ⑥ O.D.	Interior Diag. ⑥ Wall	Camber at ℄
#2	58+19.00 ℄ Rdwy "D"	II-S	4	21'-2"	4'-10½"	1	4	20'-6"	4'-10½"	3½"	3/16"	1¾"	3/16"	2⅜"	3/16"	1½"	3/16"	2¼"	3/16"	1⅞"	3/16"	1⅛"
#3	72+59.00 ℄ Rdwy "D"	II-S	4	22'-8"	5'-3"	1	4	22'-0"	5'-3"	3½"	3/16"	1¾"	3/16"	2⅜"	3/16"	1½"	3/16"	2¼"	3/16"	1⅞"	3/16"	1⅜"
#9	87+33.00 ℄ Rdwy "G"	II-S	4	22'-1"	5'-1¼"	1	4	21'-5"	5'-1⅛"	3½"	3/16"	1¾"	3/16"	2⅜"	3/16"	1½"	3/16"	2¼"	3/16"	1⅞"	3/16"	1⅜"
#10	77+68.00 ℄ Rdwy "G"	II-S	5	26'-1¾"	4'-10¾"	—	—	—	—	3½"	3/16"	1¾"	3/16"	2⅜"	3/16"	1½"	3/16"	2¼"	3/16"	1⅞"	3/16"	5/8"

ALTERNATE "B"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

STEEL TRUSS DETAILS
F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

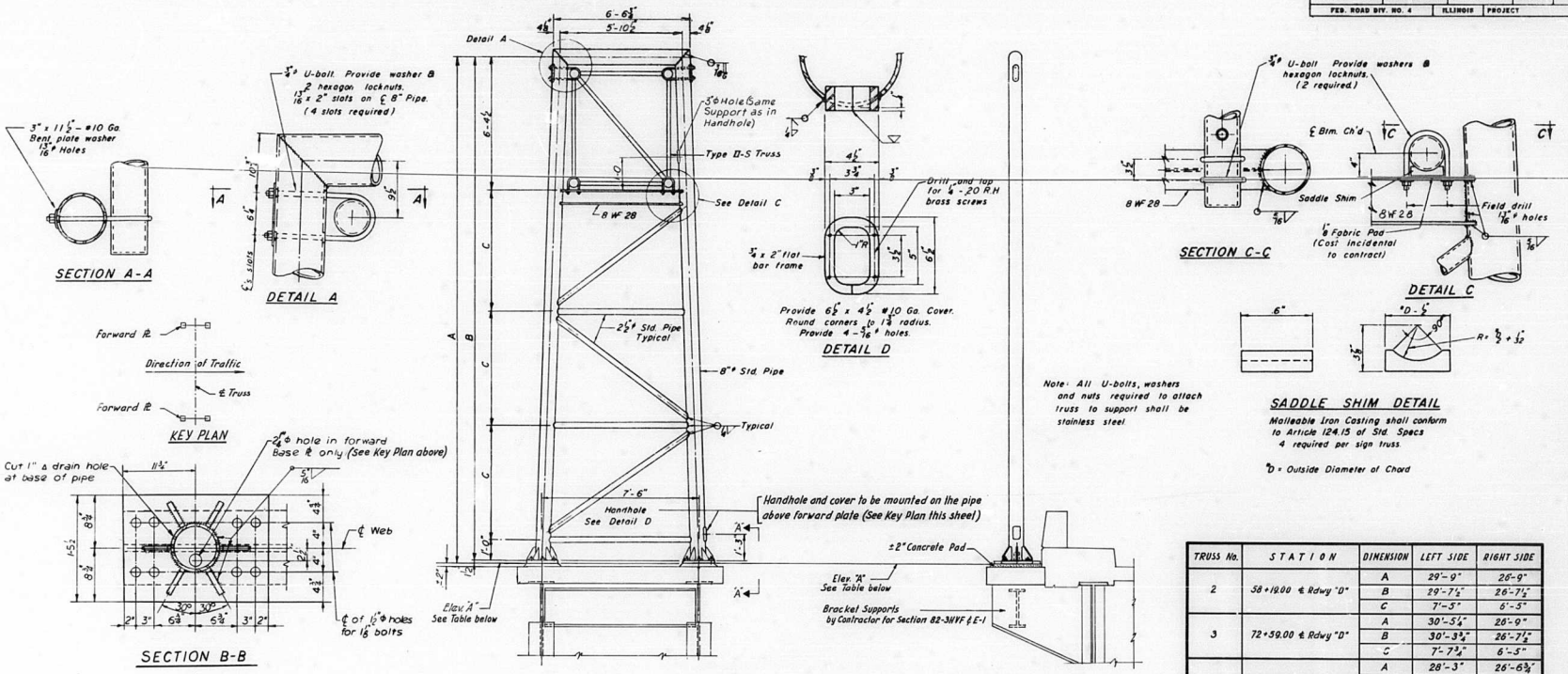
H.W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS

SHEET 7 OF 10

DESIGNED BY P.K.
DRAWN BY R.S.
CHECKED BY P.K.
APPROVED BY K.A.

Corrected No. bolts Truss 10; Corrected Panel & Unit Lgth. Int. Unit Truss 9 2-18-67 RJR-WNTB

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. - 70	82-3HVD-1	ST. CLAIR	258	51
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



SECTION A-A

DETAIL A

DETAIL D

SECTION C-C

DETAIL C

KEY PLAN

SECTION B-B

VIEW A-A

SIDE ELEVATION

FRONT ELEVATION

Note: All U-bolts, washers and nuts required to attach truss to support shall be stainless steel.

SADDLE SHIM DETAIL

Malleable Iron Casting shall conform to Article 124.15 of Std. Specs 4 required per sign truss.

*D = Outside Diameter of Chord

TRUSS No.	STATION	DIMENSION	LEFT SIDE	RIGHT SIDE
2	58+19.00 ℄ Rdwy "D"	A	29'-9"	26'-9"
		B	29'-7 1/2"	26'-7 1/2"
		C	7'-5"	6'-5"
3	72+59.00 ℄ Rdwy "D"	A	30'-5 1/4"	26'-9"
		B	30'-3 3/4"	26'-7 1/2"
		C	7'-7 3/4"	6'-5"
9	87+35.00 ℄ Rdwy "G"	A	28'-3"	26'-6 3/4"
		B	28'-1 1/2"	26'-5 1/4"
		C	6'-11"	6'-4 1/4"
10	77+68.00 ℄ Rdwy "G"	A	30'-1 1/2"	26'-9"
		B	30'-0"	26'-7 1/2"
		C	7'-6 1/2"	6'-5"

ELEVATION "A"

TRUSS No.	Left Side	Right Side
2	447.69	450.69
3	445.42	449.11
9	445.96	447.65
10	458.38	461.75

TRUSS SUPPORT DETAILS
(8" Std. Pipe - Type II-S

Wall Thickness 0.277"

ALTERNATE "B"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SUPPORT FRAME FOR STEEL TRUSS TYPE II-S

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

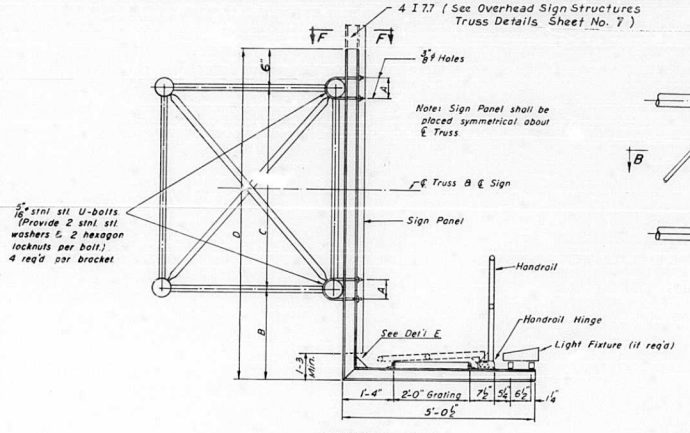
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 8 OF 10

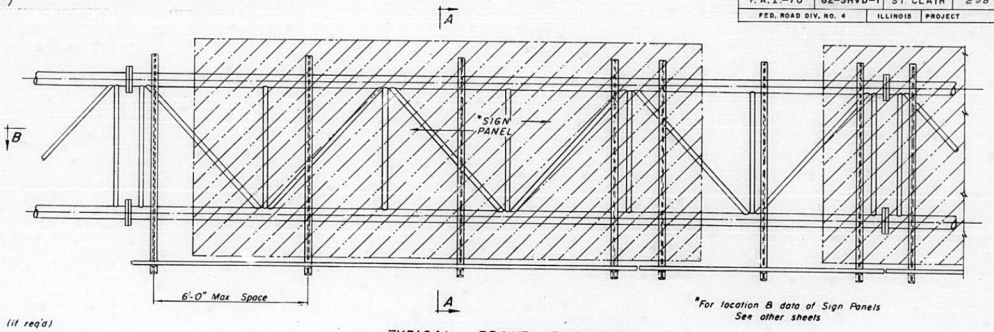
DESIGNED BY RX.
DRAWN BY L.S.
CHECKED BY P.K.
APPROVED BY K.A.

Note: Ribs shall be cut to fit Slope of Pipe. Weld to Pipe and to Base Plate with 5/16" c.f.w.

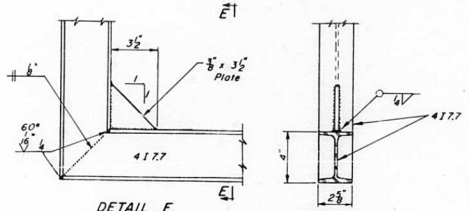
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	52
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



SECTION A-A

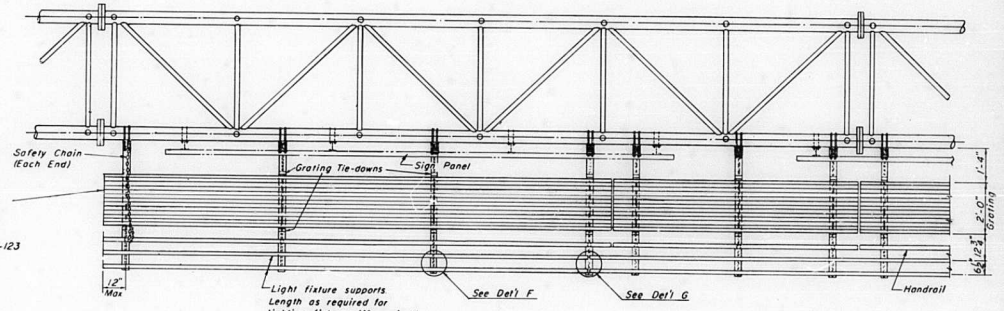


TYPICAL FRONT ELEVATION
(With Lights & Handrail omitted for clarity)



DETAIL E

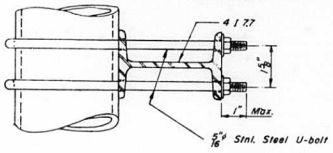
SECTION E-E



SECTION B-B

Note: Handrail & Grating shall span a minimum of three brackets. Place all sign and walkway brackets as close to panel points as possible

BRACKET DETAILS
Galvanized to ASTM A-123 & A-385



SECTION F-F

NOTES: Stainless steel hardware shall not be galvanized
For Detail F & G see Sheet No. 10

TRUSS NUMBER	STATION	A	B	C	D
2	58+19.00 ℄ Rdwy "D"	3 13/16"	3'-7½"	5'-3"	9'-4½"
3	72+39.00 ℄ Rdwy "D"	3 13/16"	3'-7½"	5'-3"	9'-4½"
9	87+35.00 ℄ Rdwy "G"	3 13/16"	3'-7½"	5'-3"	9'-4½"
10	77+68.00 ℄ Rdwy "G"	3 13/16"	3'-7½"	5'-3"	9'-4½"

ALTERNATE "B"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

STEEL WALKWAY DETAILS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

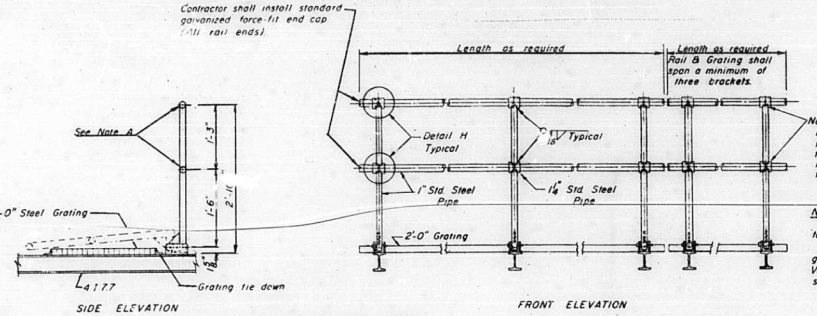
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 9 of 10

DESIGNED BY P.K.
DRAWN BY L.S.
CHECKED BY P.K.
APPROVED BY K.A.

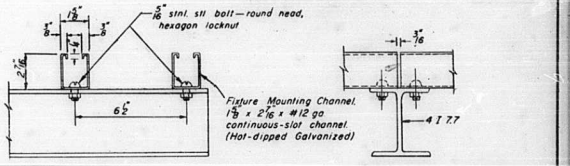
Corrected ht. of Brackets 2-14-67 AJR-WMB

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	53
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



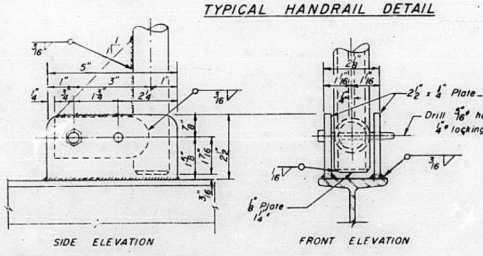
TYPICAL HANDRAIL DETAIL

Note: Handrail Pipe shall be ASTM A-53, Grade B Horizontal Handrail Pipe shall be galvanized to ASTM A-120.
Vertical Handrail Pipe Member shall be galvanized after fabrication to ASTM A-123 & A-385. Vent holes shall be provided in all closed or blind sections prior to galvanizing.



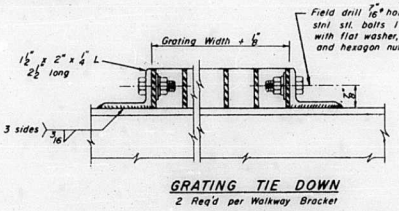
SECT. F-F

SECT. G-G



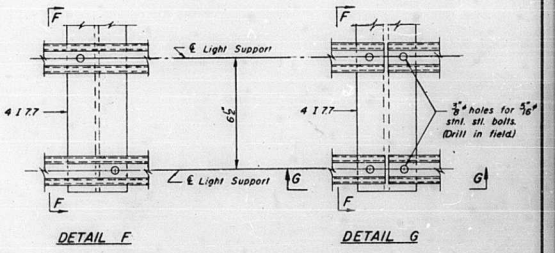
SIDE ELEVATION

FRONT ELEVATION



GRATING TIE DOWN

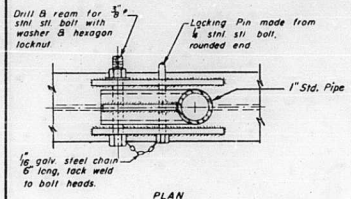
2 Req'd per Walkway Bracket



DETAIL F

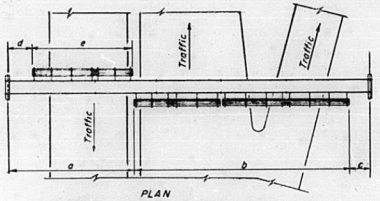
DETAIL G

LIGHTING FIXTURE MOUNTS (IF REQ'D.)



PLAN

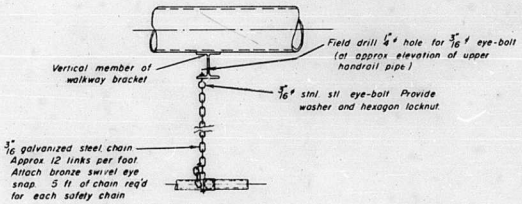
DETAILS OF HANDRAIL HINGE



PLAN

WALKWAY AND HANDRAIL SKETCH

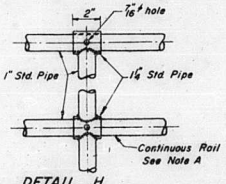
Note: Road Plan shown beneath truss just typical.



SAFETY CHAIN

One (1) required for each end of each walkway.

Truss Number	Station	a	b	c	d	e	Grating & Handrail Lengths
2	58+19.00 ℄ Rdwy "D"	—	56'-0"	2'-0"	—	—	56'-0"
3	72+59.00 ℄ Rdwy "D"	—	56'-0"	2'-0"	—	—	58'-0"
9	81+35.00 ℄ Rdwy "G"	—	56'-0"	2'-0"	—	—	58'-0"
10	77+68.00 ℄ Rdwy "G"	—	41'-0"	2'-0"	—	—	41'-0"



DETAIL H

Welds 7/16 continuous

Note: All bolts, nuts, and washers shall be stainless steel.

ALTERNATE "B"

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

STEEL WALKWAY DETAILS

F.A.I. ROUTE 70
OVERHEAD SIGN STRUCTURES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

DESIGNED BY	P.K.
DRAWN BY	L.S.
CHECKED BY	P.K.
APPROVED BY	K.A.

H.W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 10 OF 10

B.M. #26 Elev. 404.396
X-Cut in N.W. corner of concrete abutment at center pier of Ill. Central R.R. Bridge over Ill. Rte. 3

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF & E-1
82-3HVD-1

19
54 of
258

FIELD WELDING OF CONSTRUCTION ACCESSORIES TO THE BOTTOM FLANGES OR FOR A DISTANCE OF ± OF THE SPAN EACH WAY FROM PIER SUPPORTS ON THE TOP FLANGES OF BEAMS OR GIRDERS WILL NOT BE PERMITTED. FIELD WELDING IN OTHER AREAS WILL BE PERMITTED ONLY WHEN APPROVED BY THE ENGINEER.

GENERAL NOTES

COARSE AGGREGATE TO BE USED IN PARAPET HANDRAILS AND END POST MUST BE ABSOLUTELY FREE OF CHERT, FLINT, LIMONITE, LIGNITE AND SOFT SANDSTONE.

THE CONCRETE FLOOR SLAB SHALL BE FINISHED IN ACCORDANCE WITH ARTICLE 51.19 OF THE STANDARD SPECIFICATIONS.

SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC 6" X 6" MESH, #4 WIRES WEIGHING 58 LBS. PER 100 SQ. FT.

ALL REINFORCEMENT BARS SHALL BE LAPPED 20 DIAMETERS UNLESS OTHERWISE SHOWN.

ALL WELDING SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WELDED HIGHWAY AND RAILWAY BRIDGES OF THE AMERICAN WELDING SOCIETY, AWS D2. 0-63.

ALL STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. DESIGNATION A-36.

ALL FIELD CONNECTIONS BOLTED, HIGH STRENGTH STEEL BOLTS 7/8" OPEN HOLES 15/16" EXCEPT AS NOTED.

HIGH STRENGTH STEEL BOLT CONNECTIONS SHALL BE IN ACCORDANCE WITH ART. 54.5g OF THE STANDARD SPECS.

ANCHOR BOLTS SHALL BE SET BEFORE BOLTING DIAPHRAGMS OVER SUPPORTS.

ROADWAY EXPANSION GUARDS SHALL BE ASSEMBLED IN THE SHOP IN PROPER POSITION WITH THE ENDS IN PLACE AND SHALL BE LEFT ASSEMBLED FOR SHOP INSPECTION.

FINGER PLATES SHALL BE FLAME CUT AS PROVIDED IN ARTICLE 54.5 (1) OF THE STANDARD SPECIFICATIONS.

ALL SURFACE OF THE EXPANSION GUARD INACCESSIBLE AFTER ERECTION SHALL BE GIVEN TWO SHOP COATS OF RED LEAD PAINT, THE CONTACT SURFACES SHALL BE GIVEN ONE COAT OF RED LEAD PAINT. ANCHOR STUDS SHALL NOT BE PAINTED.

EXPANSION GUARDS ARE INCLUDED IN THE QUANTITY OF STRUCTURAL STEEL. ESTIMATED WEIGHT 185,040 LBS.

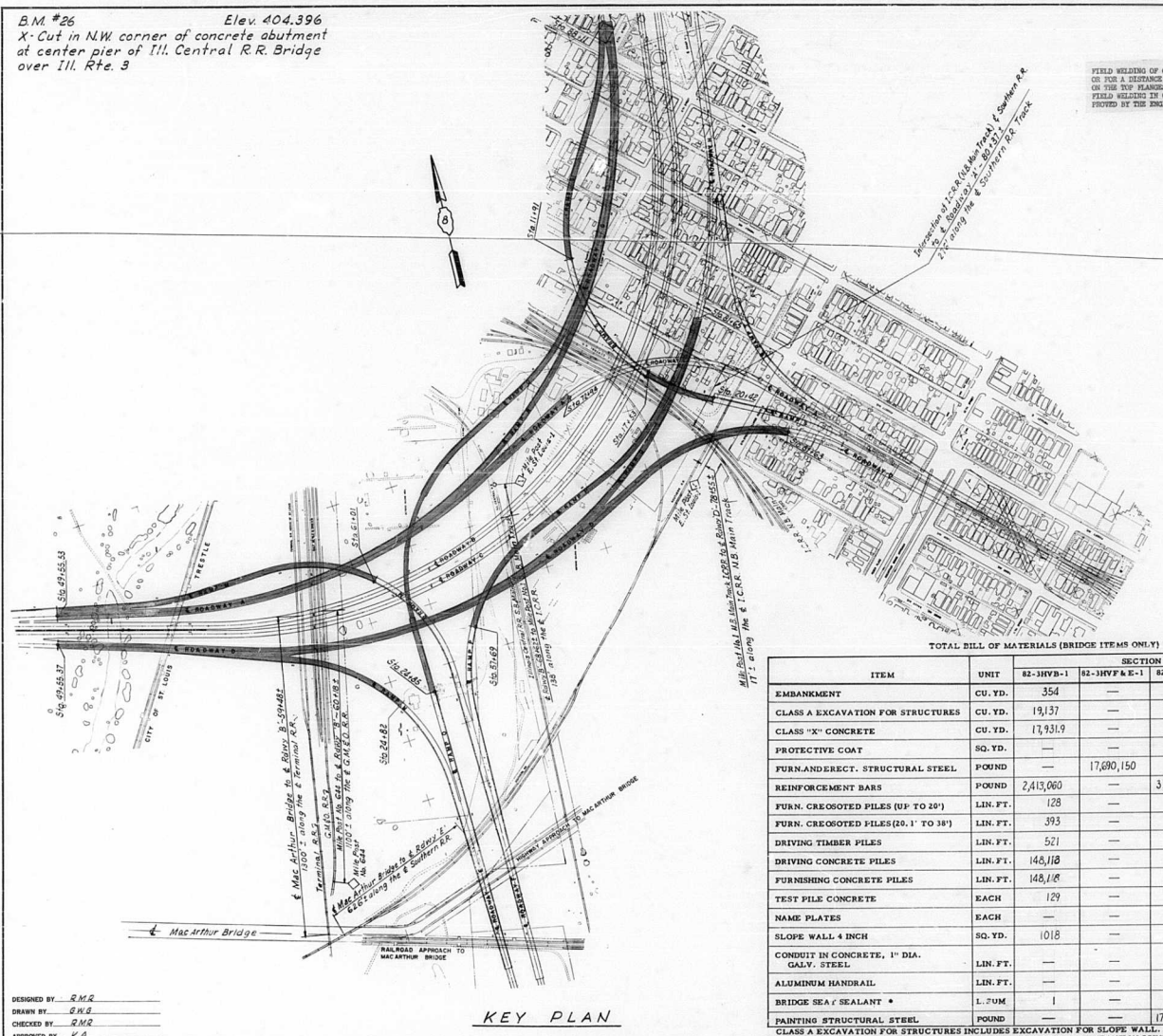
EXCEPT AS OTHERWISE PROVIDED, ALL STRUCTURAL STEEL SHALL RECEIVE ONE (1) SHOP COAT OF RED LEAD PAINT AND TWO FIELD COATS OF GREEN PAINT. SEE ARTICLE 56.1 TO 56.5 INCLUSIVE OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

THE CONTRACTOR SHALL DRIVE ONE CONCRETE TEST PILE IN A PERMANENT LOCATION AT EACH ABUTMENT AND EACH PIER AS DIRECTED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF PILES.

CONCRETE PILES AT ABUTMENTS SHALL BE DRIVEN IN HOLES PRE CORED THROUGH THE EMBANKMENT IN ACCORDANCE WITH ARTICLE 60.9 (c) OF THE STANDARD SPECIFICATIONS.

CURVED GIRDERS, INTERMEDIATE FLOOR BEAMS AND END FLOOR BEAMS SHALL BE COMPLETELY ASSEMBLED IN THE SHOP IN PROPER POSITION BEFORE REAMING FIELD CONNECTIONS AND SHALL BE LEFT ASSEMBLED FOR SHOP INSPECTION.

PERMANENT FOR MS WILL NOT BE PERMITTED IN FORMING THE CONCRETE FLOOR.



KEY PLAN

TOTAL BILL OF MATERIALS (BRIDGE ITEMS ONLY)

ITEM	UNIT	SECTION 82-3HVB-1	82-3HVF & E-1	82-3HVD-1	TOTAL
EMBANKMENT	CU. YD.	354	—	—	354
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	19,137	—	—	19,137
CLASS "X" CONCRETE	CU. YD.	17,931.9	—	15,159.3	33,091.2
PROTECTIVE COAT	SQ. YD.	—	—	59,203	59,203
FURN. AND ERECT. STRUCTURAL STEEL	POUND	—	17,690,150	—	17,690,150
REINFORCEMENT BARS	POUND	2,413,060	—	3,956,230	6,369,290
FURN. CREOSOTED PILES (UP TO 20')	LIN. FT.	128	—	—	128
FURN. CREOSOTED PILES (20.1' TO 38')	LIN. FT.	393	—	—	393
DRIVING TIMBER PILES	LIN. FT.	521	—	—	521
DRIVING CONCRETE PILES	LIN. FT.	148,118	—	—	148,118
FURNISHING CONCRETE PILES	LIN. FT.	148,118	—	—	148,118
TEST PILE CONCRETE	EACH	129	—	—	129
NAME PLATES	EACH	—	—	4	4
SLOPE WALL 4 INCH	SQ. YD.	1018	—	—	1018
CONDUIT IN CONCRETE, 1" DIA. GALV. STEEL	LIN. FT.	—	—	364	364
ALUMINUM HANDRAIL	LIN. FT.	—	—	26,188	26,188
BRIDGE SEAT SEALANT •	L. SUM	1	—	—	1
PAINTING STRUCTURAL STEEL	POUND	—	—	17,690,150	17,690,150

CLASS A EXCAVATION FOR STRUCTURES INCLUDES EXCAVATION FOR SLOPE WALL.
• BRIDGE SEAT SEALANT TO BE USED AT ABUTMENTS AND PIERS AT EXPANSION JOINTS.

DESIGN STRESSES

f_c = 1400 p.s.i. Super and Sub.
f_s = 20,000 psi Reinforcement
f_s = 20,000 psi Struct. (A-36 Steel)
V_c = 75 p.s.i. Footings
n = 10

LOADING HS20-44 & Alt.

Note
All cross reference sheet numbers shown on the Bridge Plans are the numbers located in the lower right hand corner of each sheet.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

KEY PLAN, GENERAL NOTES AND BILL OF MATERIAL

POPLAR STREET BRIDGE APPROACHES

82-3HVB-
82-3HVF & E-1
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 1 OF 526

DESIGNED BY R.M.R.
DRAWN BY B.W.B.
CHECKED BY R.M.R.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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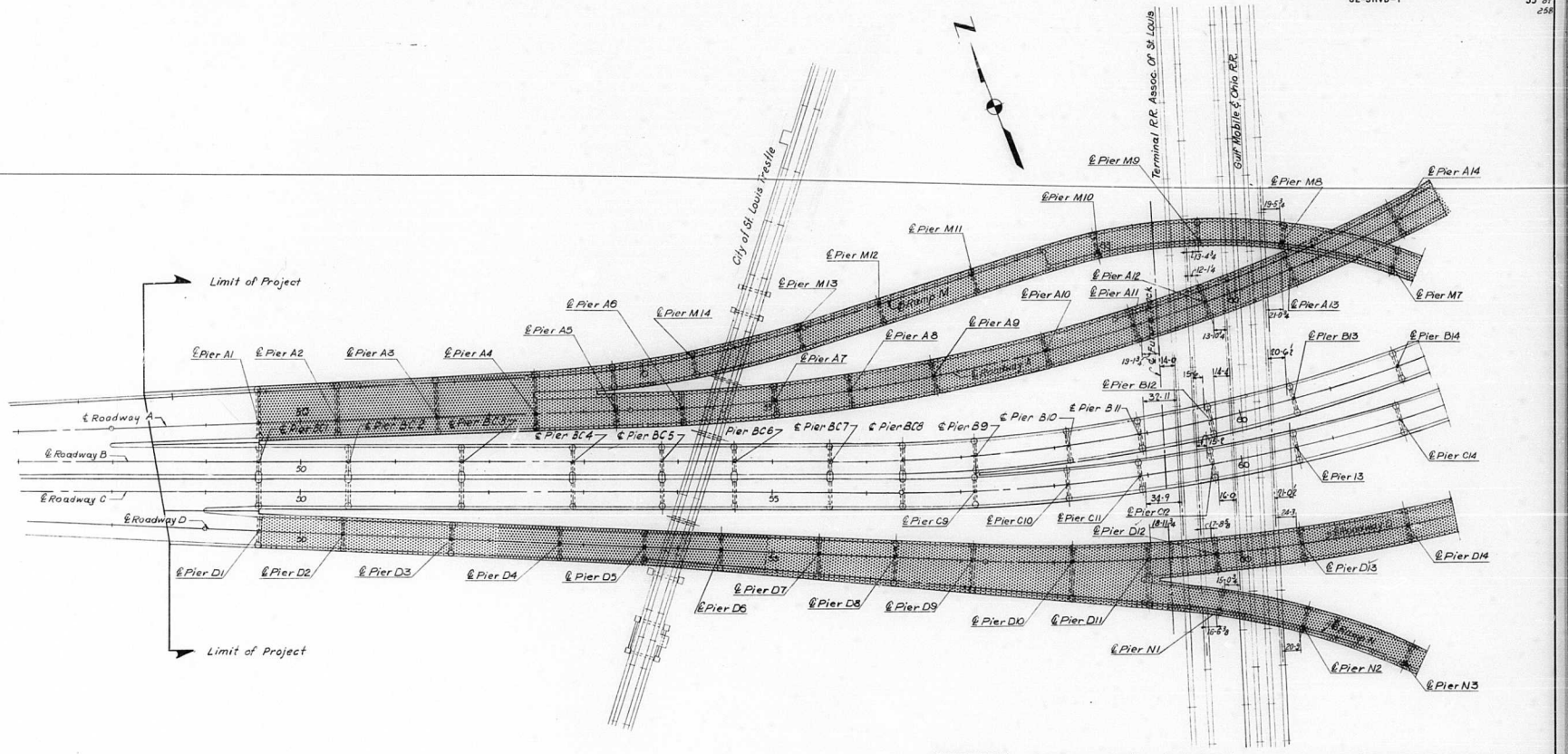
55 of
258



– Indicates Portion included in Sections 82-3HVB-1, 82-3HVF & E-1 and 82-3HVD-1.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN

POPLAR STREET BRIDGE APPROACHES

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

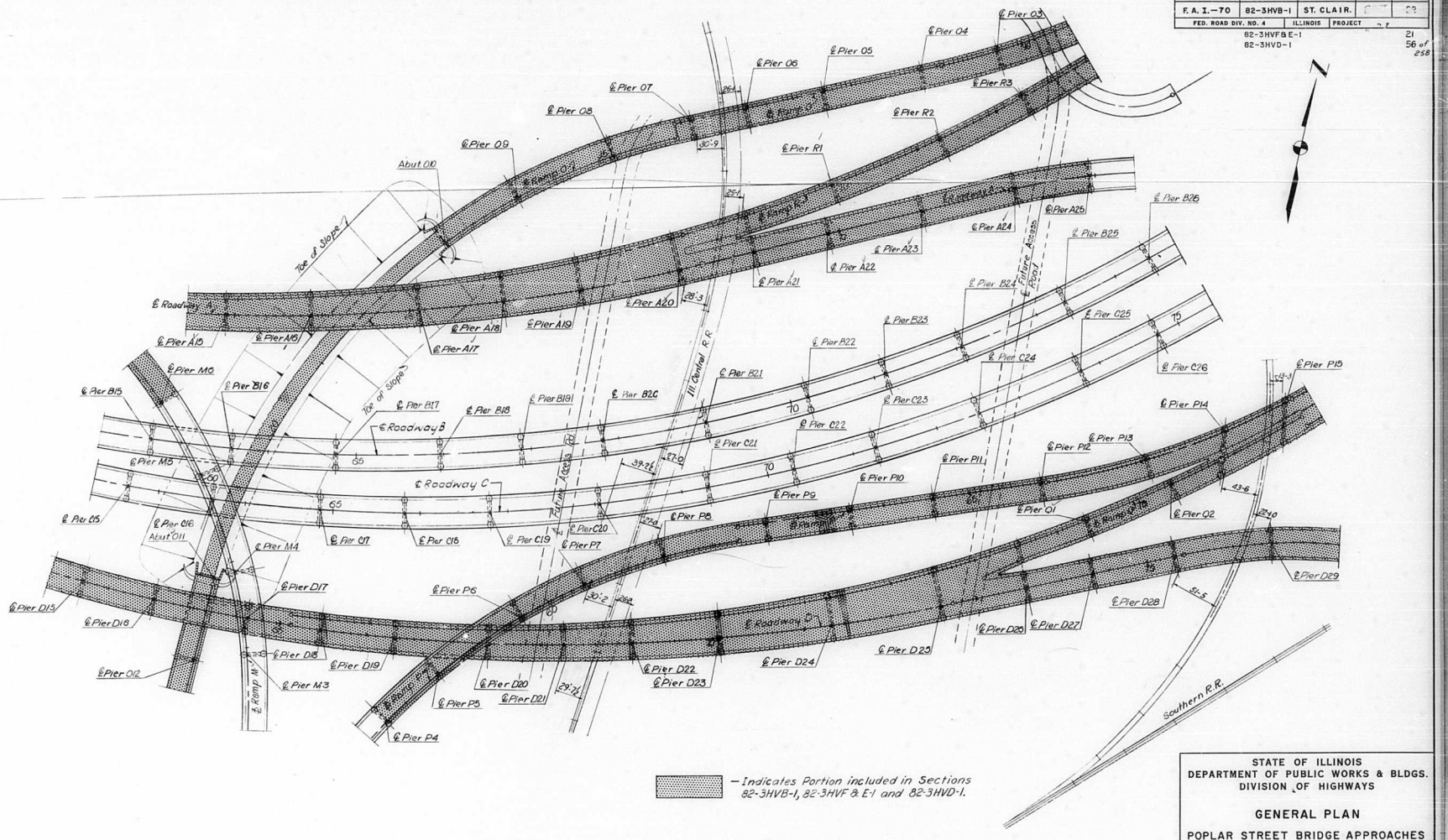
SHEET 2 OF 526

DESIGNED BY RMR
DRAWN BY
CHECKED BY RMR
APPROVED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVB-1	ST. CLAIR.	[illegible]	22
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT	[illegible]	

82-3HVF & E-1
82-3HVD-1

21
56 of 258



— Indicates Portion included in Sections 82-3HVB-1, 82-3HVF & E-1 and 82-3HVD-1.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN

POPLAR STREET BRIDGE APPROACHES

SECTIONS 82-3 HVB-1
82-3 HVF&E-1
82-3HVD-1

F. A. I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

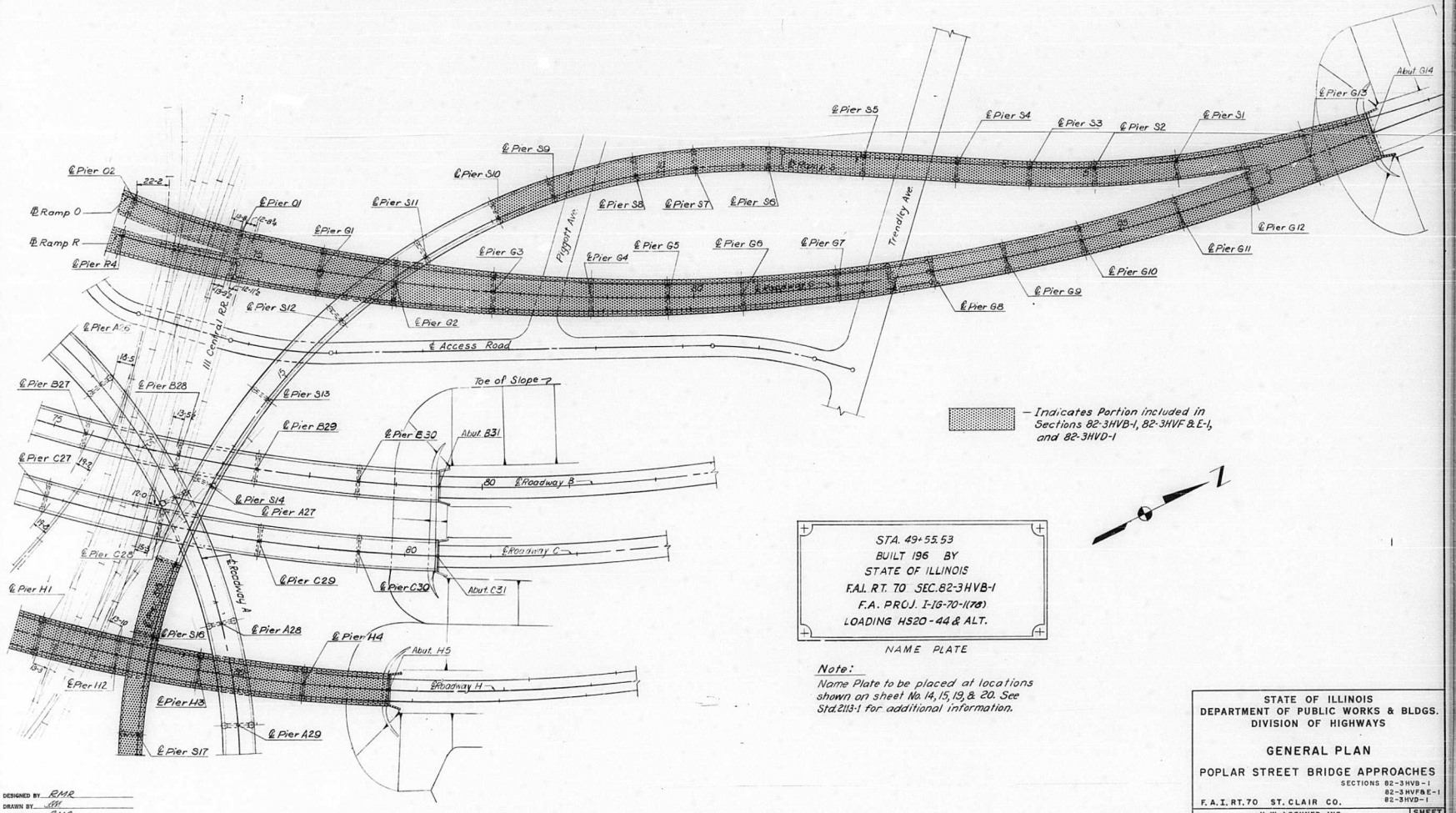
SHEET 3 OF 525

DESIGNED BY RMR
DRAWN BY MH
CHECKED BY RMR
APPROVED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVB-1	ST. CLAIR	[illegible]	[illegible]
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

22
57 of 258



— Indicates Portion included in Sections 82-3HVB-1, 82-3HVF & E-1, and 82-3HVD-1

STA. 49+55.53
BUILT 196 BY
STATE OF ILLINOIS
F.A.I. RT. 70 SEC. 82-3HVB-1
F.A. PROJ. I-IG-70-1(78)
LOADING HS20-44 & ALT.

NAME PLATE

Note:
Name Plate to be placed at locations shown on sheet No. 14, 15, 19, & 20. See Std. 2113-1 for additional information.

DESIGNED BY RMR
DRAWN BY [illegible]
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN

POPLAR STREET BRIDGE APPROACHES

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 4 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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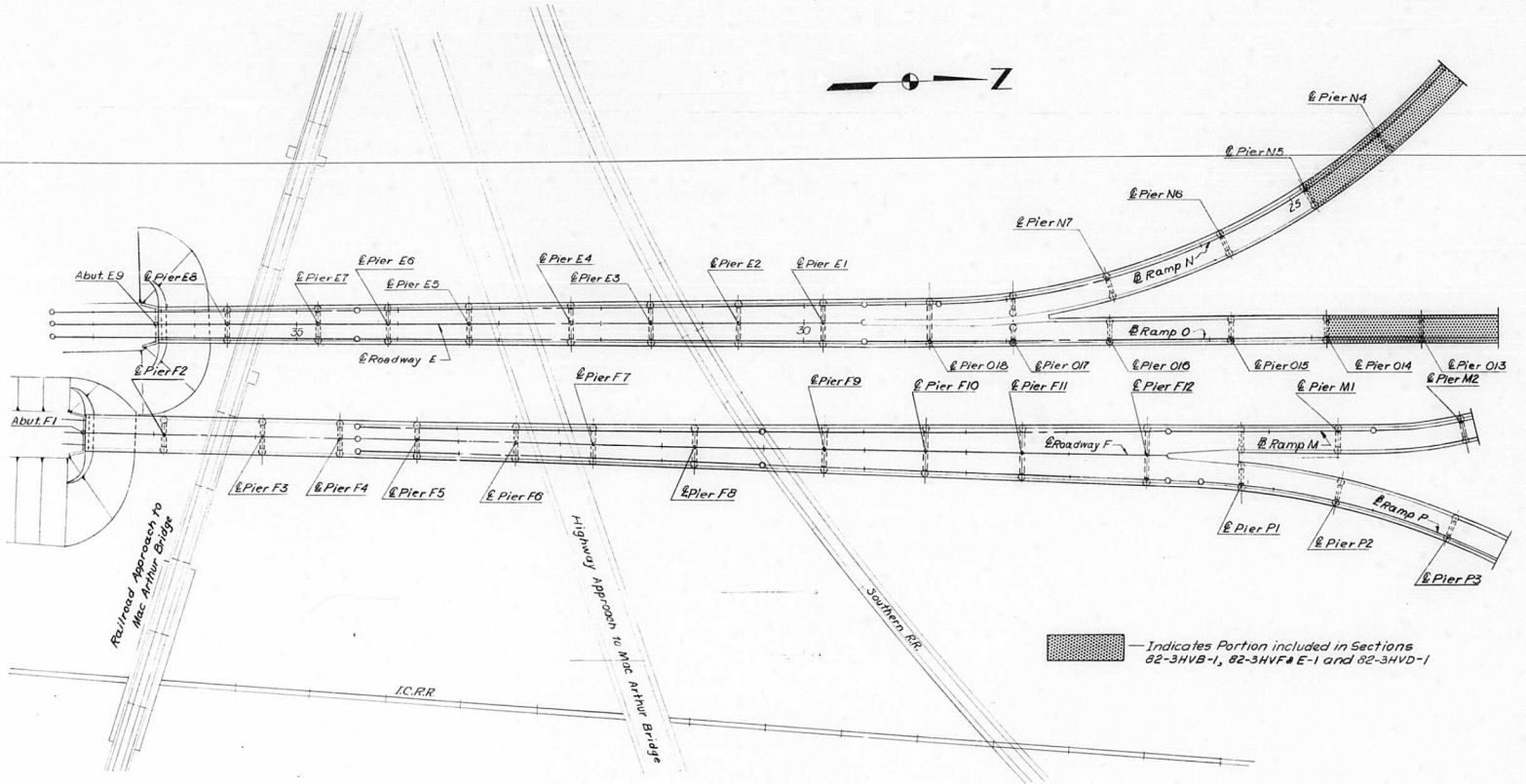
58 of 258



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN

POPLAR STREET BRIDGE APPROACHES

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

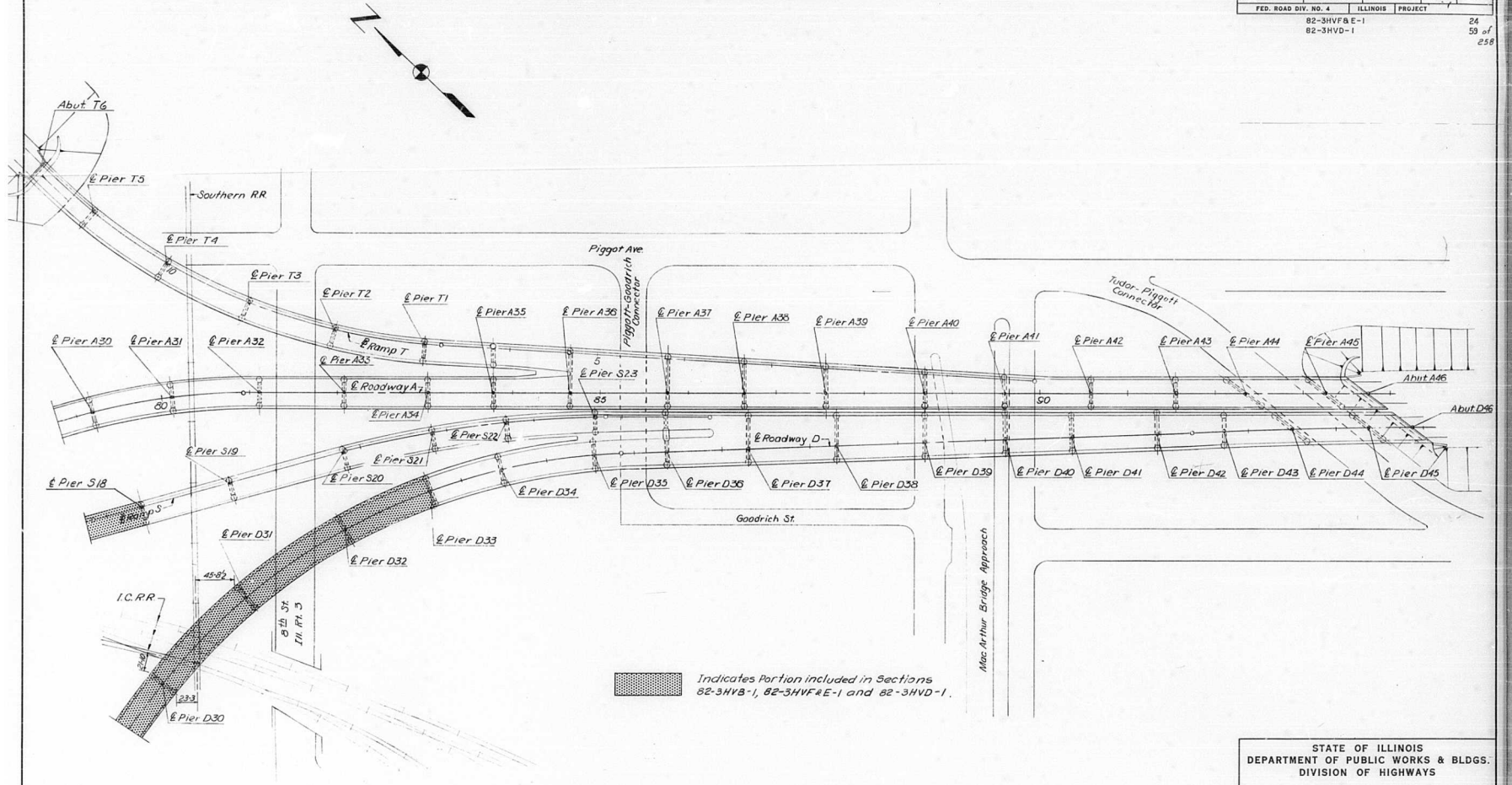
SHEET 5 OF 525

DESIGNED BY RMR
DRAWN BY KA
CHECKED BY RMR
APPROVED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR	--	--
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

24
59 of 258



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GENERAL PLAN

POPLAR STREET BRIDGE APPROACHES

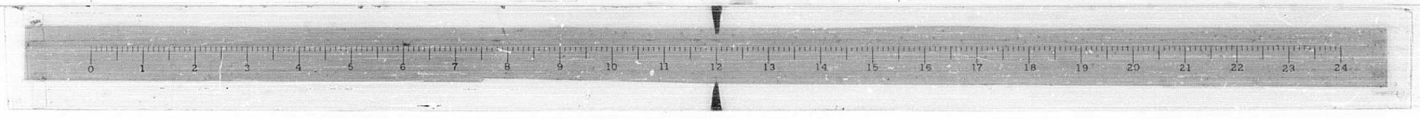
SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 6 OF 526

DESIGNED BY RHR
DRAWN BY JT
CHECKED BY RMR
APPROVED BY KA



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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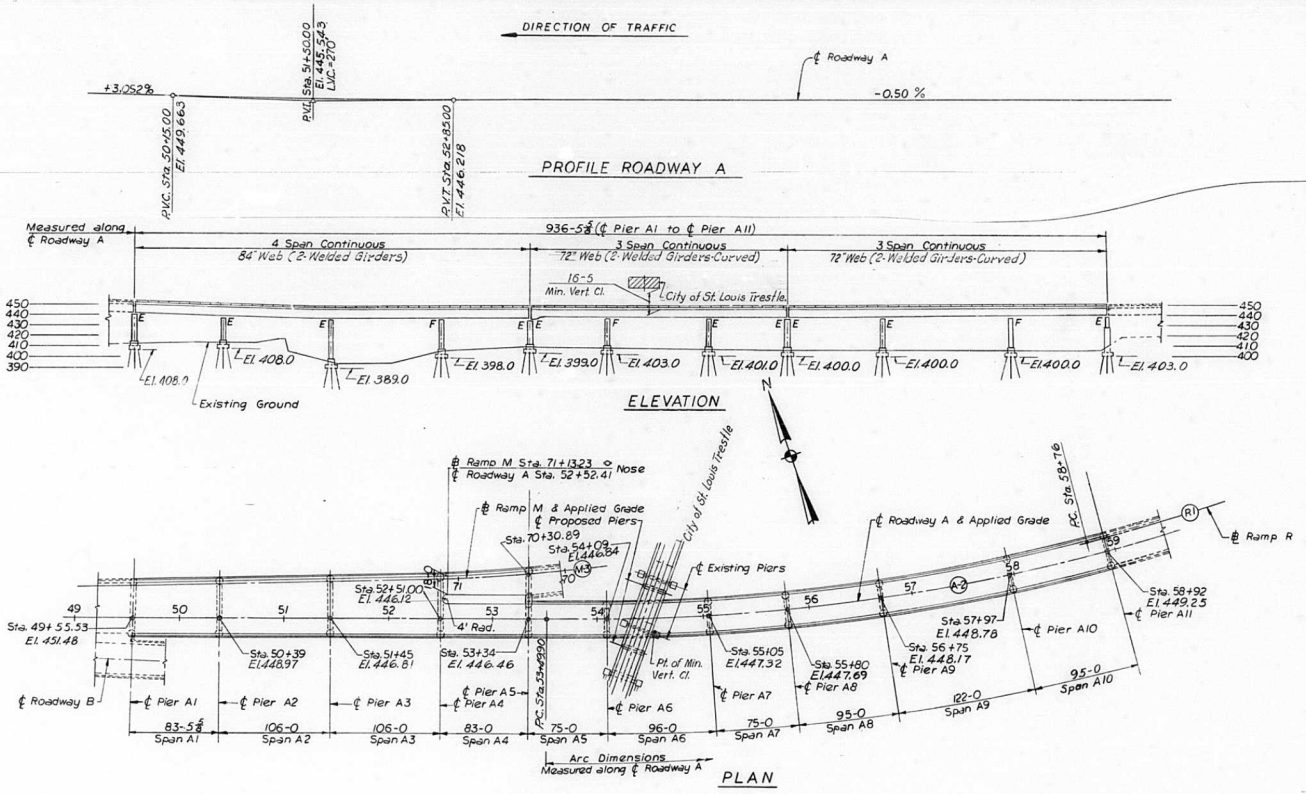
60 of 258



THIS SECTION INCLUDES ALL SUPERSTRUCTURE AND PIERS EXCEPT PIER 11. DATA FOR PIER 11 IS FOR REFERENCE ONLY.

DESIGNED BY J.J.N.
DRAWN BY P.S.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS A1 THRU A10

POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 7 OF 525

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

26
61 of 258

DIRECTION OF TRAFFIC

℄ Roadway A

-0.50%

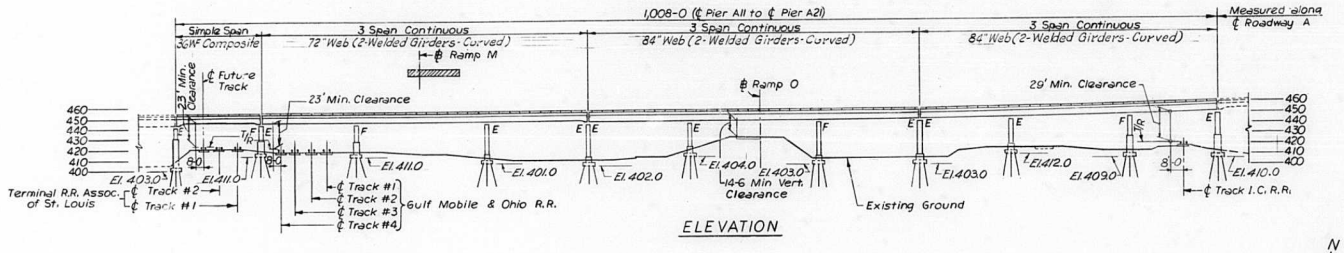
-3.0%

P.I. Sta 68+20.00
El. 453.793
L.V.C. = 200'

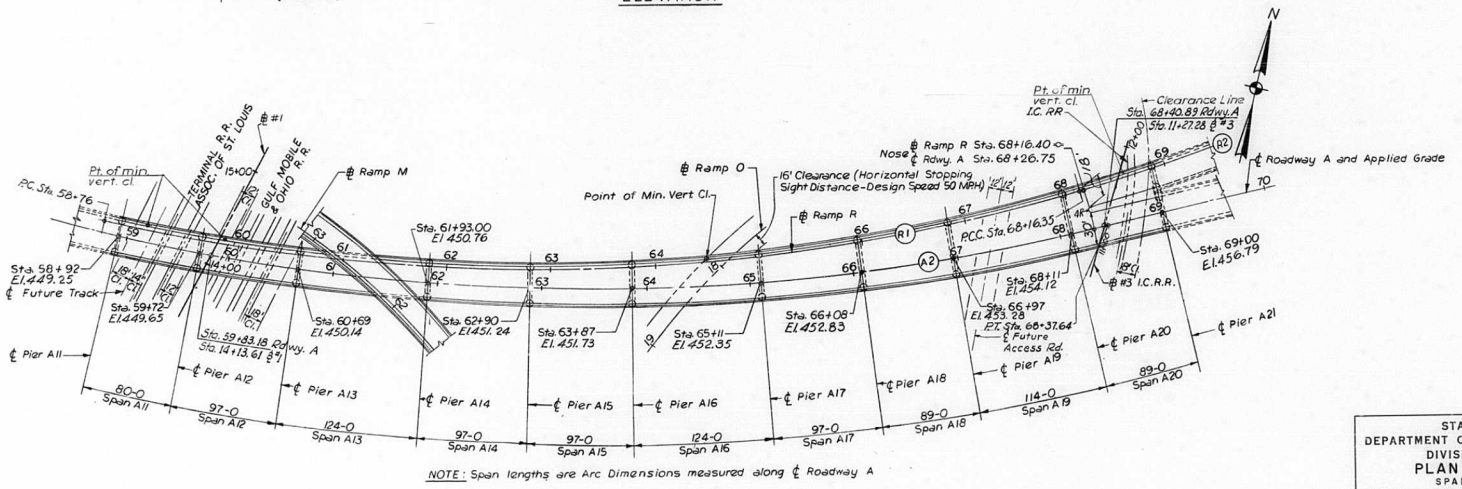
P.I.C. Sta 67+00.00
El 453.293

P.I.T. Sta 69+00.00
El. 456.793

PROFILE ROADWAY A



ELEVATION



NOTE: Span lengths are Arc Dimensions measured along ℄ Roadway A

PLAN

DESIGNED BY J. J. N.
DRAWN BY P.S.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS A11 THRU A20

POPLAR STREET BRIDGE APPROACHES ROADWAY "A"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 8 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-I	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-I
82-3HVD-I

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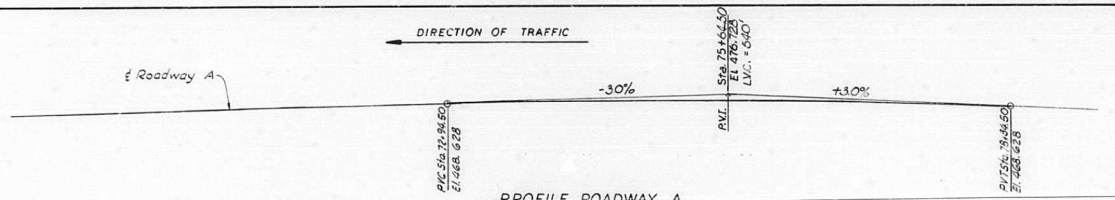
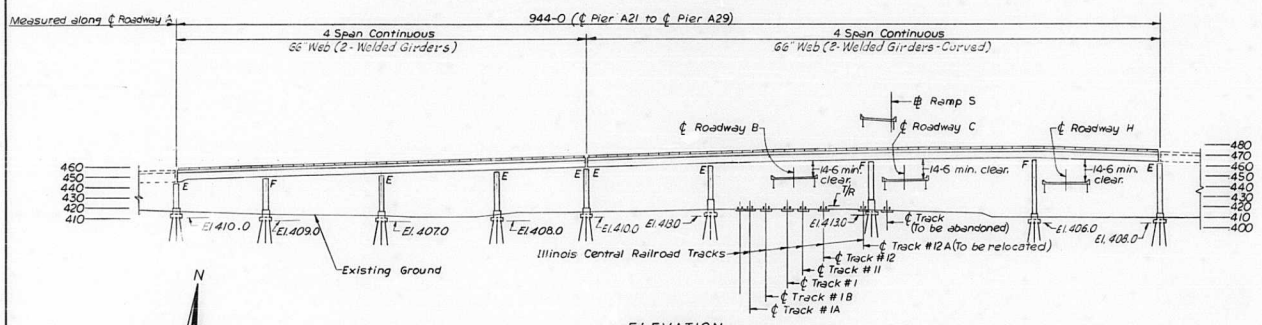
DIRECTION OF TRAFFIC



PROFILE ROADWAY A





ELEVATION
DEVELOPED LENGTH ALONG ℄ ROADWAY A

PLAN

THIS SECTION INCLUDES SPANS A21 THRU A24 ONLY. (PIER A25 NOT INCLUDED) OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY JJN
DRAWN BY PS
CHECKED BY AJC
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS A21 THRU A28

POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

SECTIONS 82-3HVB-I
82-3HVF&E-I
82-3HVD-I

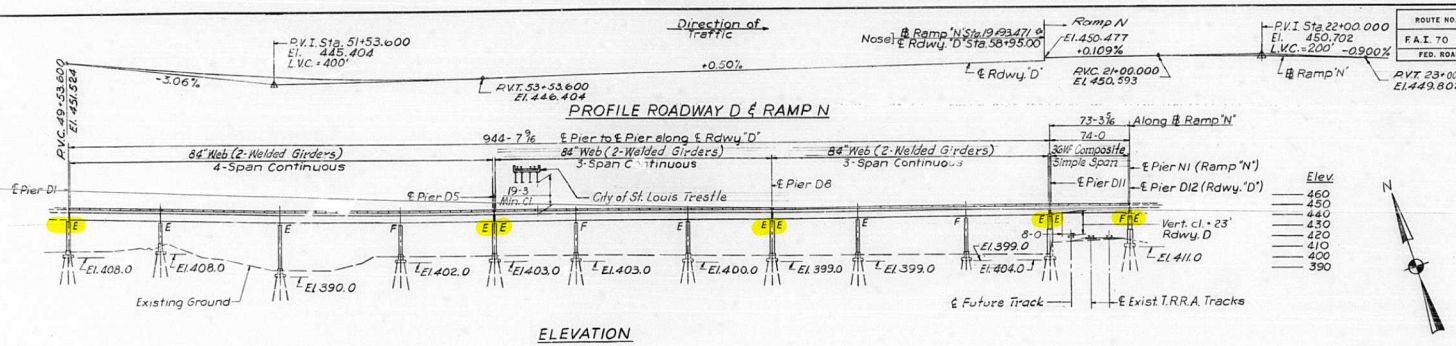
F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

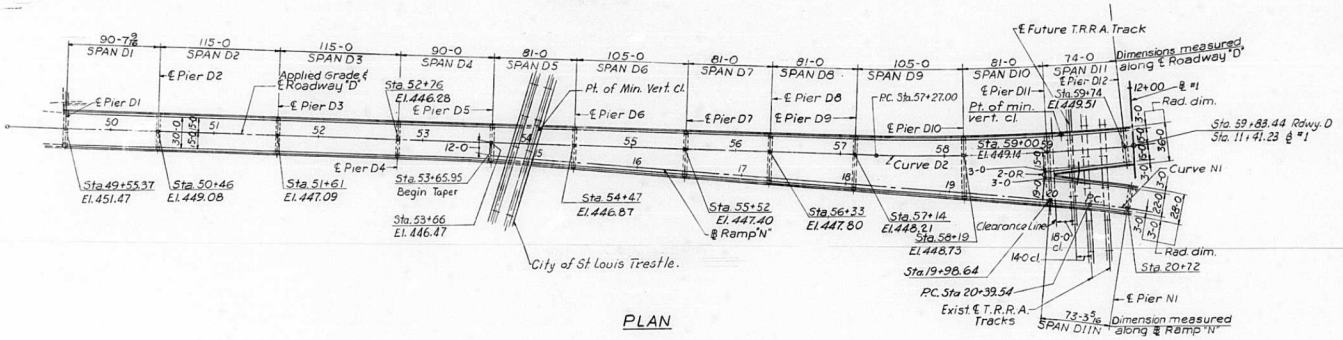
SHEET 9 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		
	82-3HVF&E-1			28
	82-3HVD-1			63 of 258

PROFILE ROADWAY D & RAMP N



ELEVATION



PLAN

THIS SECTION INCLUDES ALL ~~SUPERSTRUCTURE AND~~ PIERS (EXCEPT PIER D1). DATA FOR PIER D1 SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

254 2224-3
255 2225-2

GENERAL NOTES

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 2, 1958, AND THE SUPPLEMENTAL SPECIFICATIONS EFFECTIVE JANUARY 3, 1964, AND THE SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY SIGNING EFFECTIVE MARCH 1, 1963 AND THE STANDARD SPECIFICATIONS FOR TRAFFIC SIGNALS, ADOPTED JUNE 1, 1959 SHALL GOVERN THIS CONSTRUCTION.

ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

DESIGNED BY J.J.N.
DRAWN BY [illegible]
CHECKED BY B.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS D1 THRU D11 & D11 N

POPLAR STREET BRIDGE APPROACHES ROADWAY "D" AND RAMP "N"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

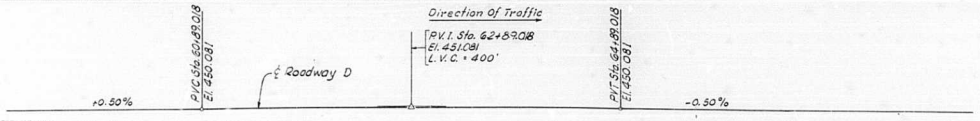
F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

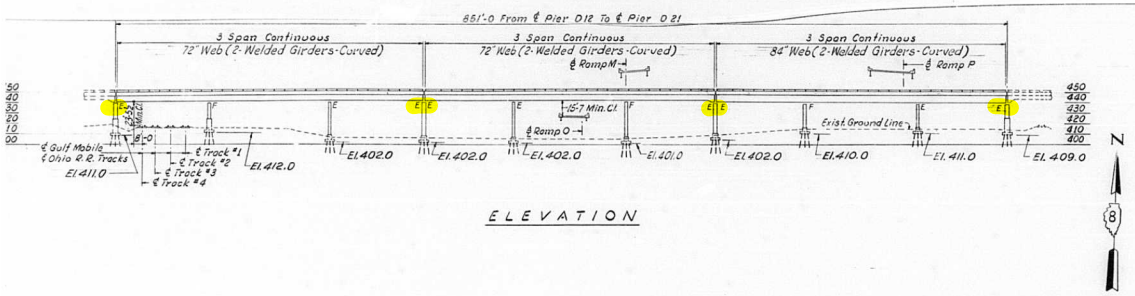
SHEET 10 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

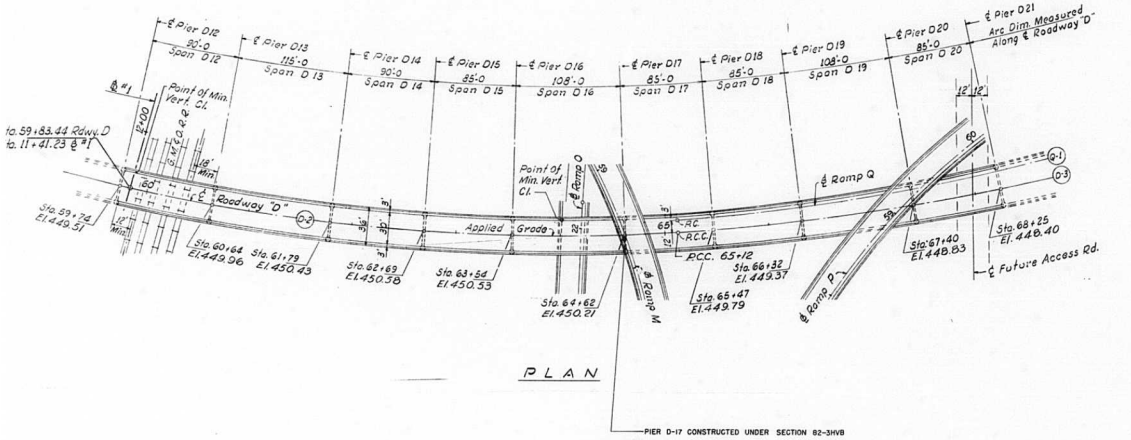
82-3HVF&E-1 29
82-3HVD-1 64 of 258



PROFILE ROADWAY "D"



ELEVATION



PLAN

PIER D-17 CONSTRUCTED UNDER SECTION 82-3HVB

THIS SECTION INCLUDES ALL ~~SUPERSTRUCTURES AND~~ PIERS EXCEPT PIER D17. DATA FOR PIER D17 SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION
SPANS D12 THRU D20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F. A. I. RT. 70 ST. CLAIR CO. SECTIONS 82-3HVB-1, 82-3HVF&E-1, 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

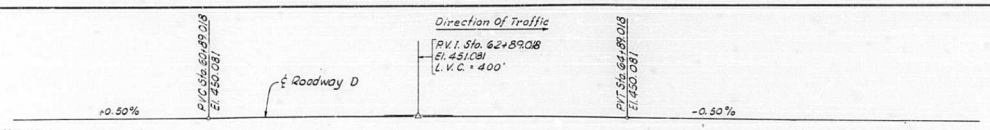
SHEET 11 of 525

DESIGNED BY JJN
DRAWN BY GRATZ
CHECKED BY AJC
APPROVED BY KA

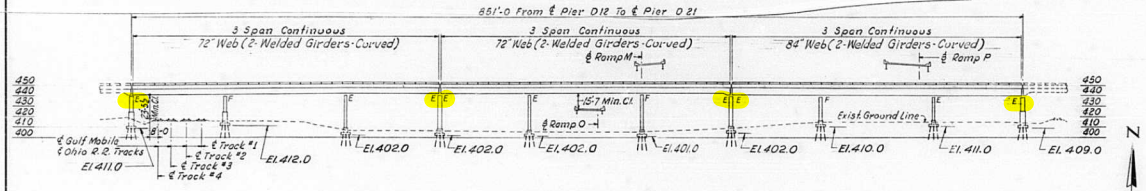
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

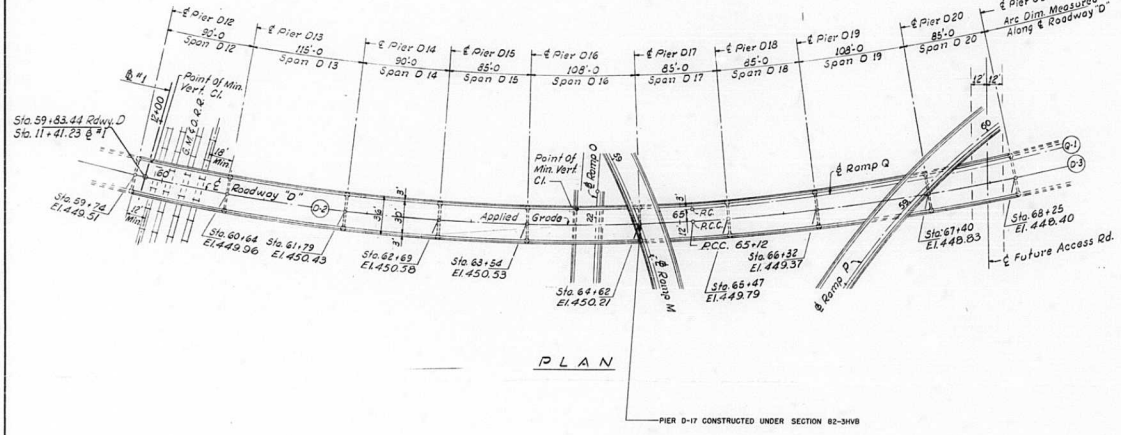
29
64 of 258



PROFILE ROADWAY "D"



ELEVATION



PLAN

PIER D-17 CONSTRUCTED UNDER SECTION 82-3HVB

THIS SECTION INCLUDES ALL ~~SUPERSTRUCTURE~~ AND PIERS EXCEPT PIER D17. DATA FOR PIER D17 SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY JJN
DRAWN BY GRATZ
CHECKED BY AJC
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION
SPANS D12 THRU D20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

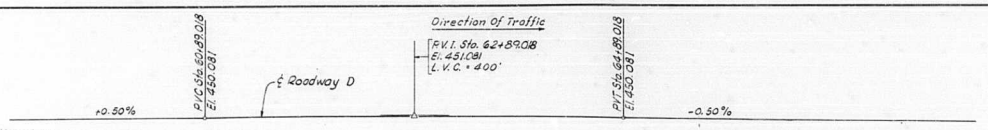
F.A.I. RT. 70 ST. CLAIR CO. SECTIONS 82-3HVB-1, 82-3HVFBE-1, 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

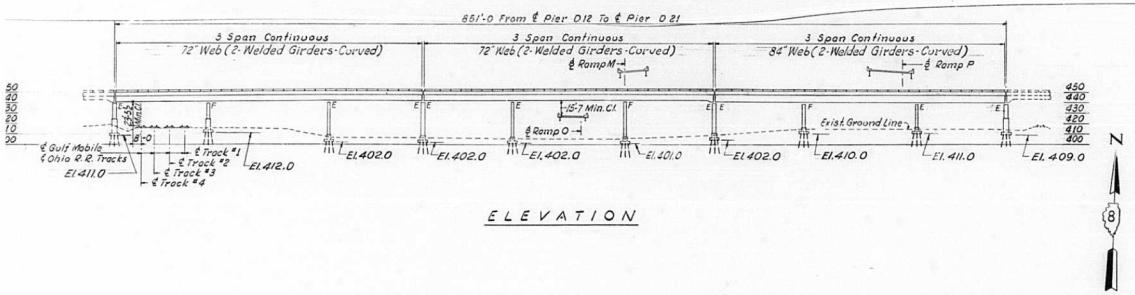
SHEET 11 OF SHTS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

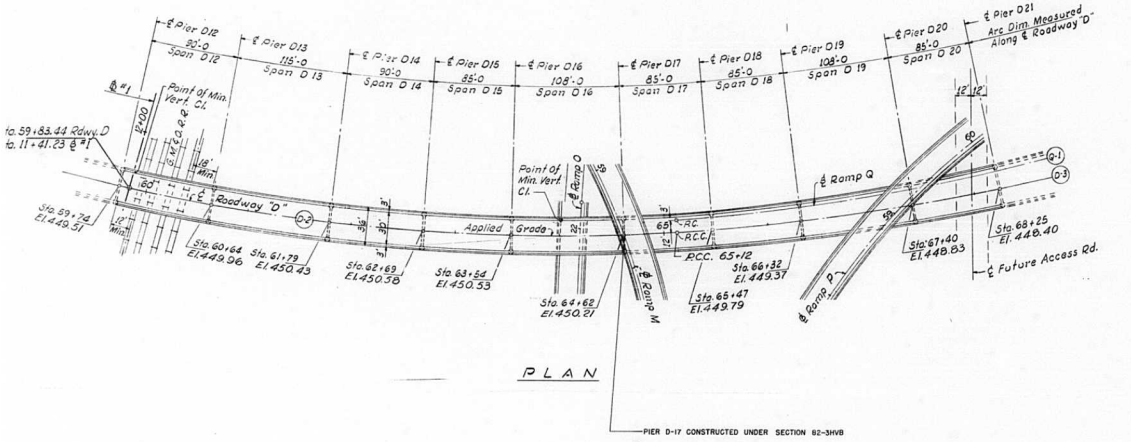
82-3HVFBE-1 29
82-3HVD-1 64 of 258



PROFILE ROADWAY "D"



ELEVATION



PLAN

PIER D-17 CONSTRUCTED UNDER SECTION 82-3HVB

THIS SECTION INCLUDES ALL ~~SUPERSTRUCTURES AND~~ PIERS EXCEPT PIER D17. DATA FOR PIER D17 SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY JJN
DRAWN BY GRATZ
CHECKED BY AJC
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION
SPANS D12 THRU D20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTIONS 82-3HVB-1, 82-3HVFBE-1, 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 11 OF 505

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

30
65 of 268

Direction Of Traffic

℄ Roadway D
-0.50%
P.V.C. 70+31.900
El. 447.367
P.V.T. 72+31.900
El. 447.867 +1.00%

P.V.I. Sta. 71+31.900
El. 446.867
L.V.C.=200'

PROFILE ROADWAY "D"

534'-0 From ℄ Pier D21 To ℄ Pier D26

Simple Span
36"WF Composite

4 Span Continuous
84" Web (2-Welded Girders-Curved)

450 440 430 420 410 400

℄ Exist. Ground Line

℄ Exist. I.C.R.R. Track

El. 409.0 El. 409.0 El. 410.0 El. 408.0 El. 410.0 El. 406.0

ELEVATION

N

Dim. Measured Along ℄ Rdwy. "D"

℄ Pier D21 78'-0 Span D21
℄ Pier D22 100'-0 Span D22
℄ Pier D23 128'-0 Span D23
℄ Pier D24 128'-0 Span D24
℄ Pier D25 100'-0 Span D25
℄ Pier D26

Sta. 68+64.04 Rdwy. D
Sta. G+75.25 ℄ #3

18'
Clearance Line
Point Of Min. Vert. Cl.
7'-00
16'-0
6'-0
6.8
6.9
7.0
7.1
7.2
7.3
7.4
2'-2"
℄ Roadway "D"
℄ Applied Grade
℄ Future Access Rd.
P.T. Sta 72+71.59
Applied Grade ℄ Ramp Q

Sta. 68+25
El. 448.40
Sta. 69+03
El. 448.01
Sta. 70+03
El. 447.51
Sta. 71+31
El. 447.24
Sta. 72+59
El. 448.14
Sta. 73+59
El. 449.14

6'-00
Exist. I.C.R.R. ℄ #3

PLAN

DESIGNED BY J.J.N.
DRAWN BY GRATZ
CHECKED BY B.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS D21 THRU D25

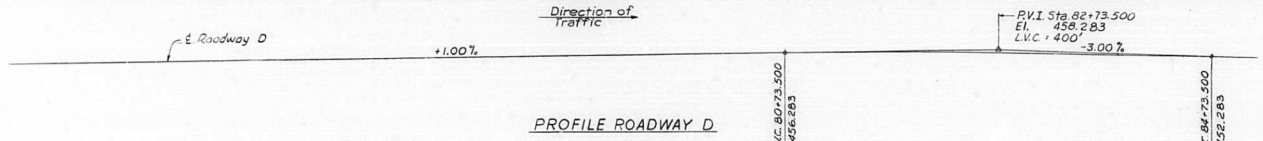
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 12 OF 526

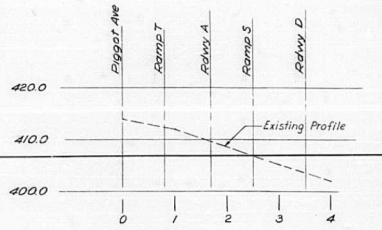


PROFILE ROADWAY D

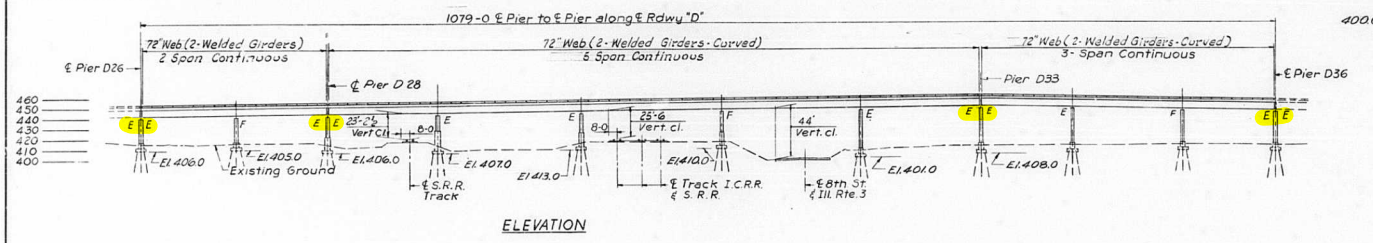
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

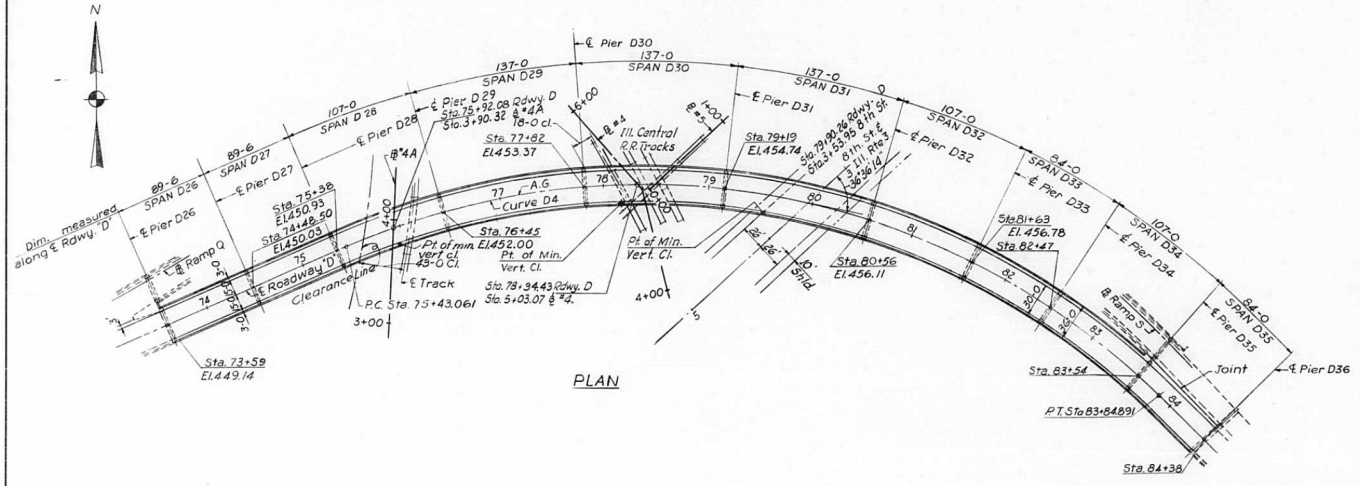
31
66 of 258



8th STREET (Existing) PROFILE



ELEVATION



PLAN

THIS SECTION INCLUDES SPANS D26 THRU D32 ONLY. OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

ROADWAY D
D26 - D36

DESIGNED BY J.J.N.
DRAWN BY E.S.
CHECKED BY B.H.
APPROVED BY K.A.

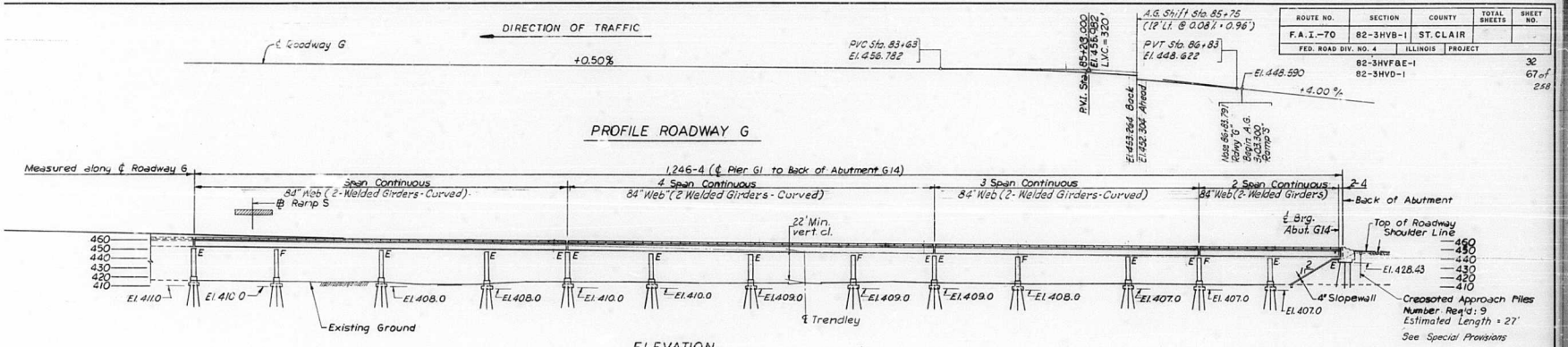
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
PLAN AND ELEVATION
SPANS D 26 THRU D 35
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

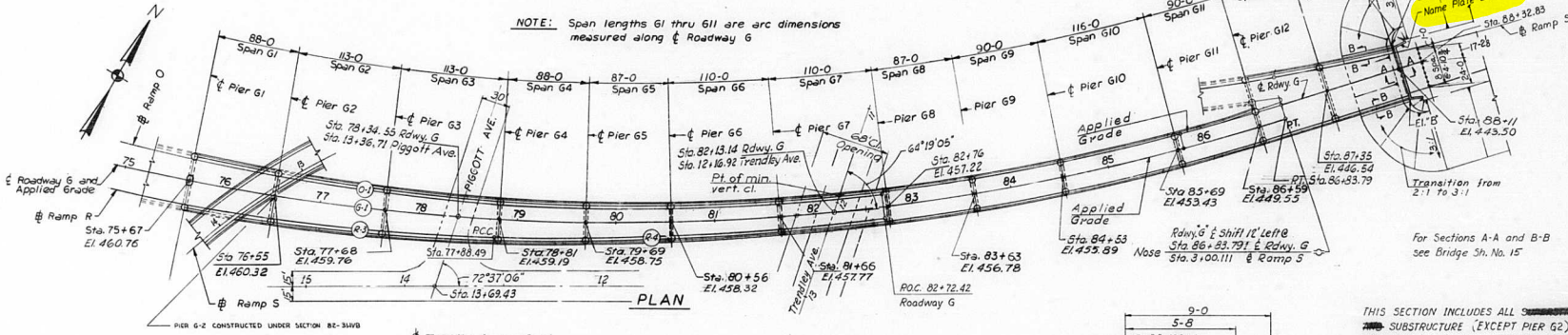
F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 13 OF 526

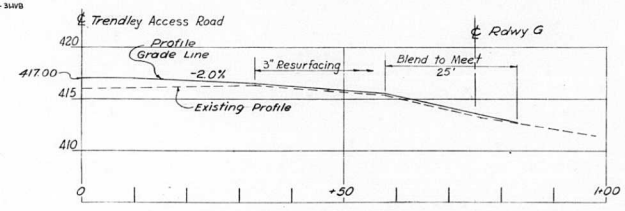


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		
	82-3HVFBE-1			32
	82-3HVD-1			67 of 258

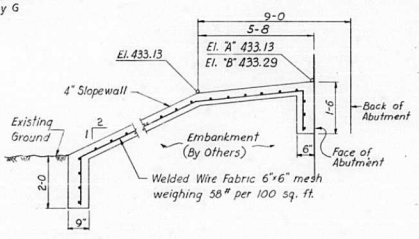


For Sections A-A and B-B see Bridge Sh. No. 15

BILL OF MATERIAL		
Item	Unit	Quantity
Slope Wall 4"	S.Y.	418
Name Plate	Ea.	1
Embankment	C.Y.	157



PIGGOTT AVE. APPROACH PROFILE



TYPICAL CROSS SECTION OF SLOPE WALL

THIS SECTION INCLUDES ALL [redacted] SUBSTRUCTURE (EXCEPT PIER G2). DATA FOR PIER G2 IS SHOWN ON THIS SHEET FOR REFERENCE ONLY.

DESIGNED BY J.J.N.
DRAWN BY P.S
CHECKED BY AJC
APPROVED BY K.A

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION
SPANS G1 THRU G13

POPLAR STREET BRIDGE APPROACHES
ROADWAY "G" 82-3HVB-1
SECTIONS 82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

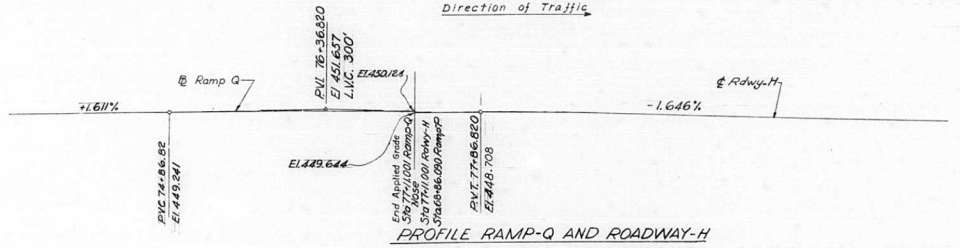
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 14 OF 326

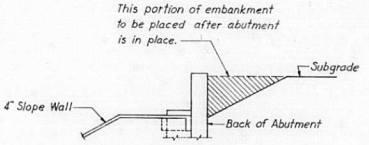
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

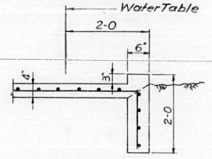
33
68 of 258



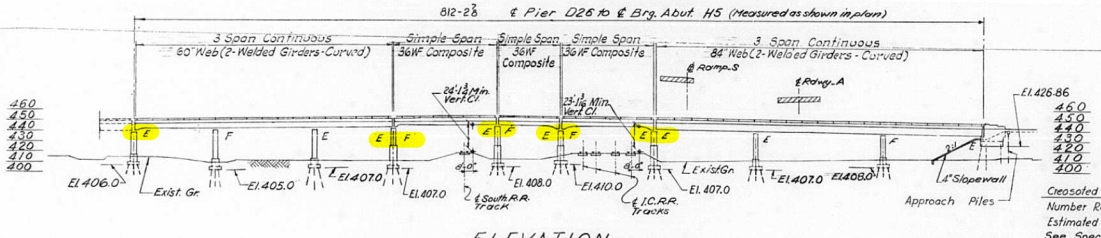
PROFILE RAMP-Q AND ROADWAY-H



SECTION A-A

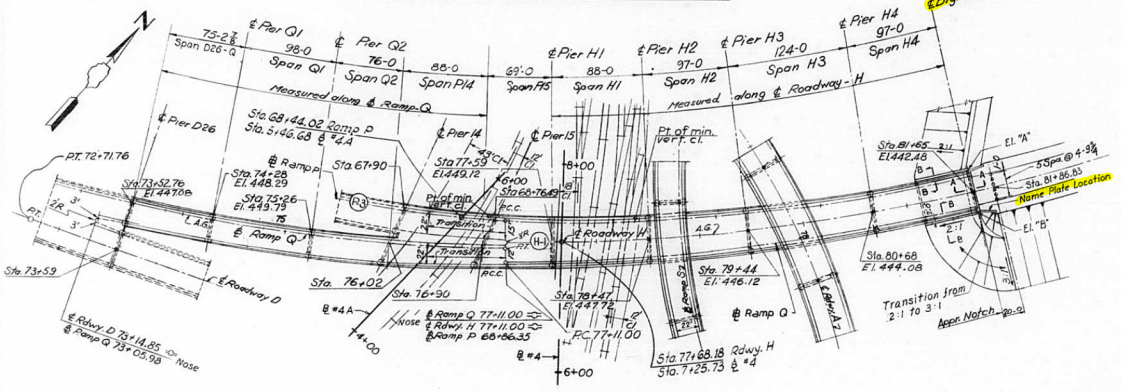


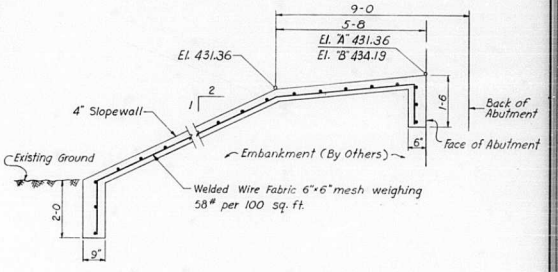
SECTION B-B



Creosoted Approach Piles
Number Required - 6
Estimated Length - 25'
See Special Provisions

ELEVATION
DEVELOPED LENGTH ALONG ℄ RAMP-Q & ℄ ROADWAY-H





TYPICAL CROSS SECTION OF SLOPE WALL

PLAN

BILL OF MATERIAL		
Item	Unit	Quantity
Slope Wall 4"	S.Y.	282
Name Plate	Ea.	1
Embankment	C.Y.	100

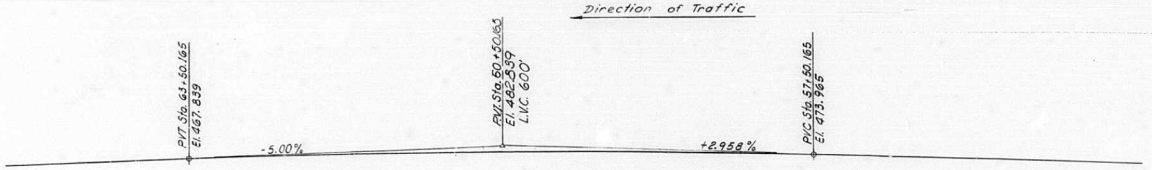
DESIGNED BY J.J.N.
DRAWN BY S.A.B.
CHECKED BY R.M.R.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
PLAN AND ELEVATION
SPANS D26-Q, Q1, Q2, P14, P15, H1 THRU H4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H" AND RAMP "Q"
SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1
F.A.I. RT. 70 ST. CLAIR CO.
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET 15 OF 526

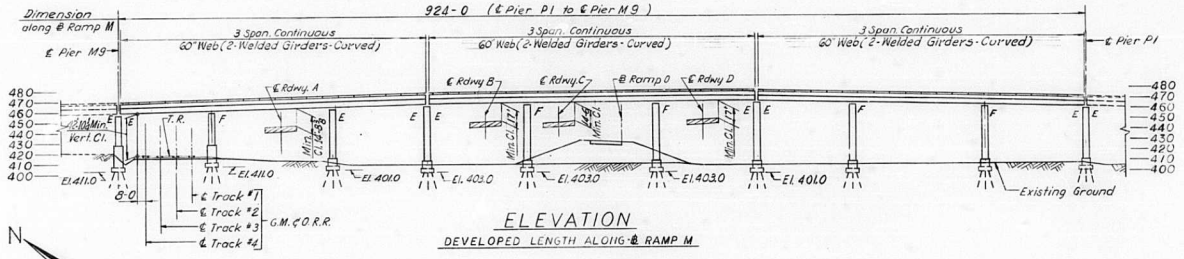
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

34
69 of 258

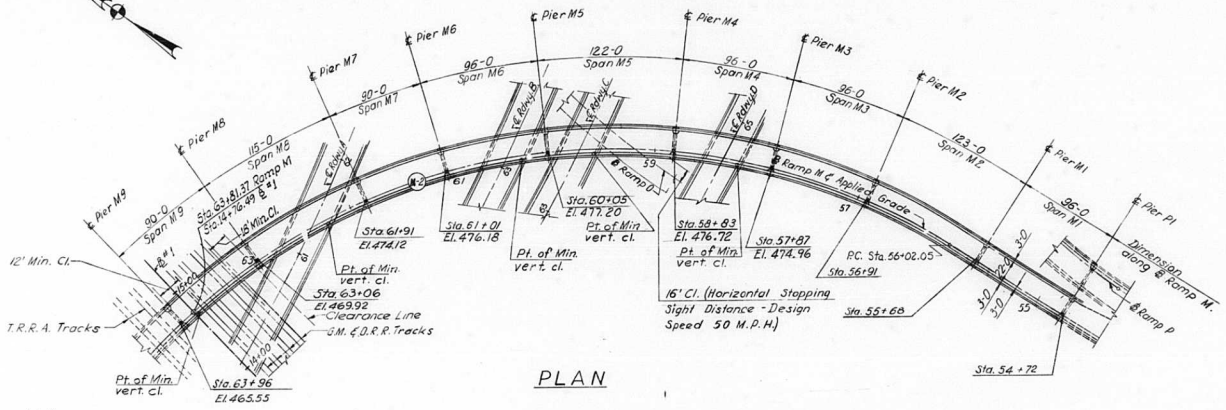


PROFILE RAMP M



ELEVATION

DEVELOPED LENGTH ALONG ℄ RAMP M



PLAN

THIS SECTION INCLUDES SPANS M7 THRU M9 ONLY. (PIER M6 NOT INCLUDED) OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY J.J.N.
DRAWN BY I. A. M.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION
SPANS M1 THRU M9

POPLAR STREET BRIDGE APPROACHES
RAMP "M"

82-3HVB-1
SECTIONS 82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

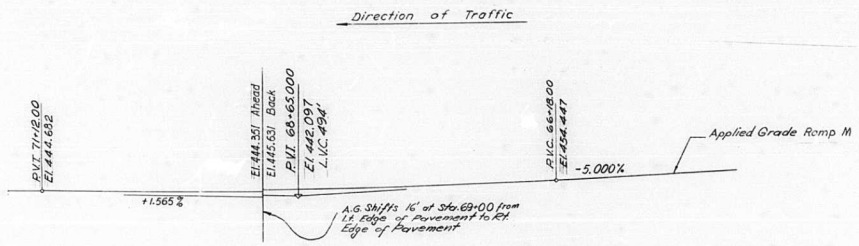
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 16 OF 526

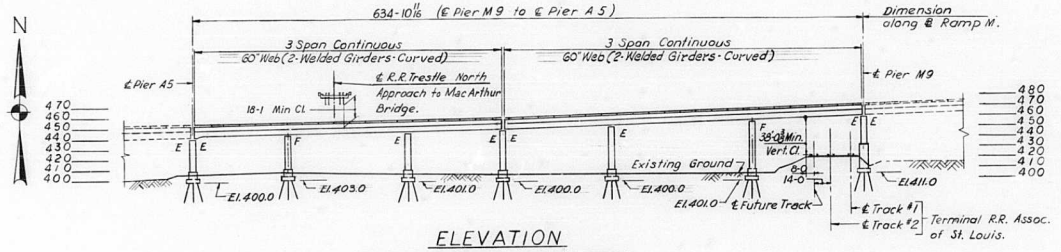
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

35
70 of 258

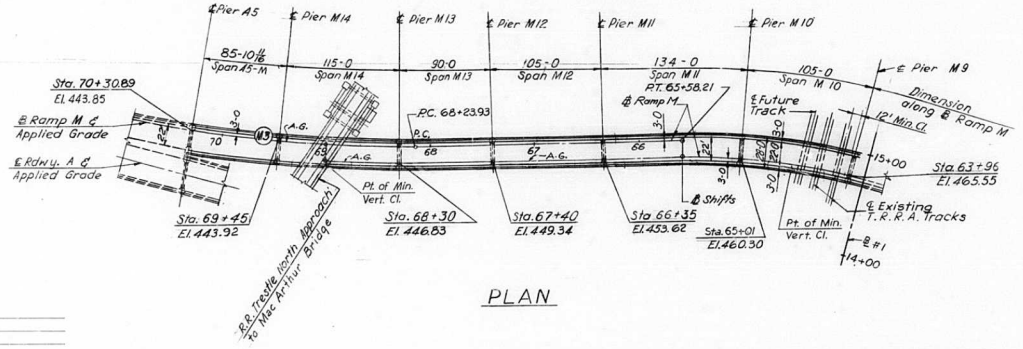


PROFILE RAMP M



ELEVATION

DEVELOPED LENGTH ALONG ℄ RAMP M



PLAN

DESIGNED BY J.J.N
DRAWN BY I.A.M.
CHECKED BY B.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS M10 THRU M14 AND A5-M

POPLAR STREET BRIDGE APPROACHES

RAMP "M"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

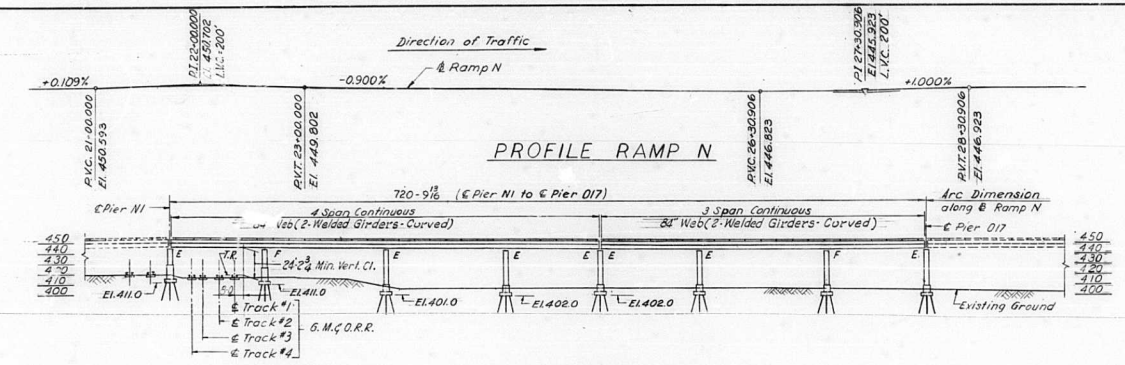
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
17 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

36
71 of
258



ELEVATION

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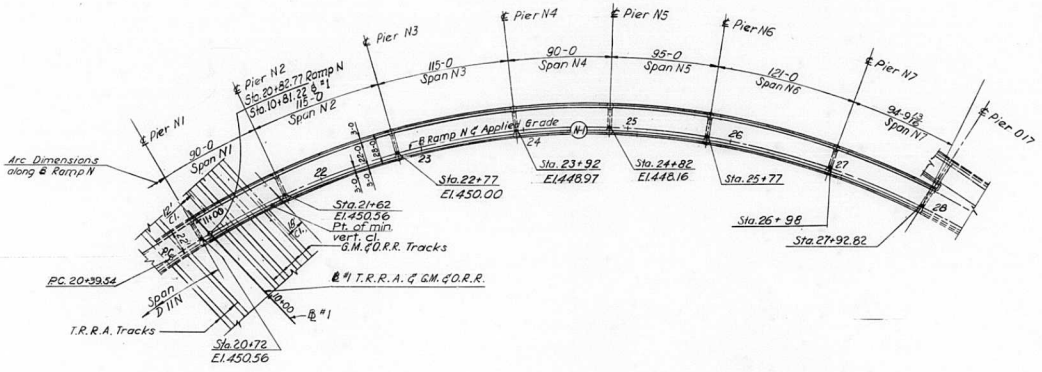


PLAN

THIS SECTION INCLUDES SPANS N1 THRU N4 ONLY. OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY J.J.N.
DRAWN BY I.A.M.
CHECKED BY B.A.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS N1 THRU N7

POPLAR STREET BRIDGE APPROACHES
RAMP "N"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I.RT. 70 ST. CLAIR CO.

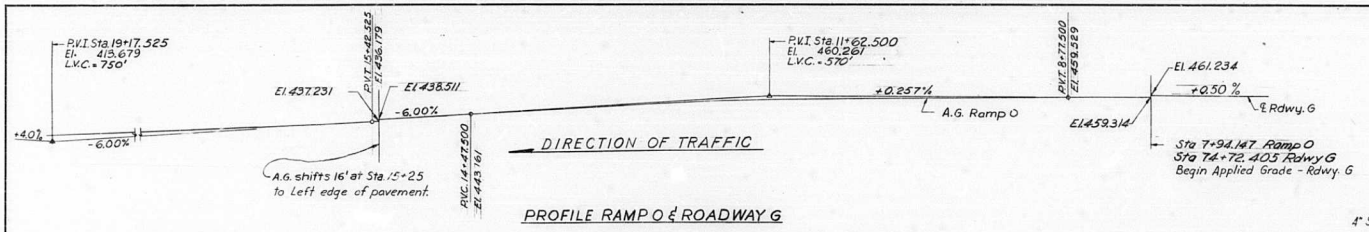
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 18 OF 526

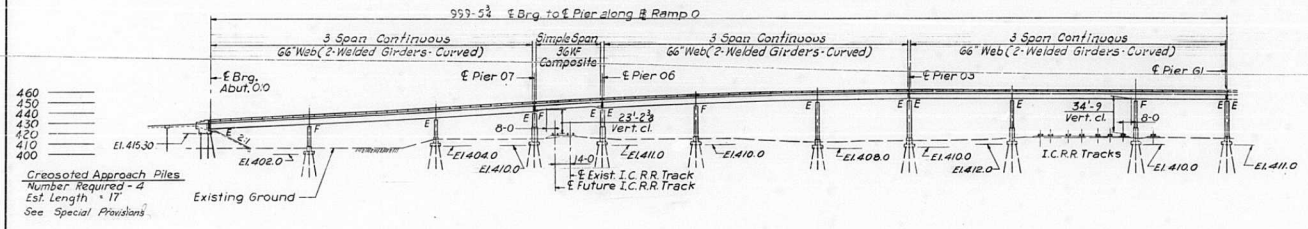
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

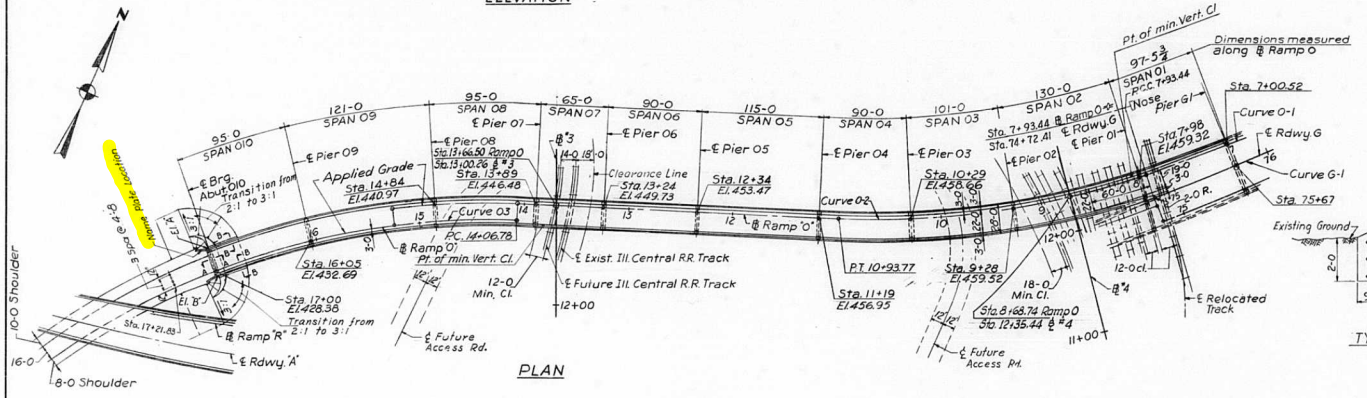
37
72 of
658



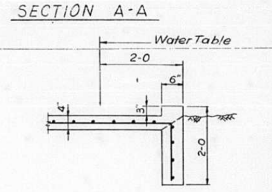
PROFILE RAMP O & ROADWAY G



ELEVATION

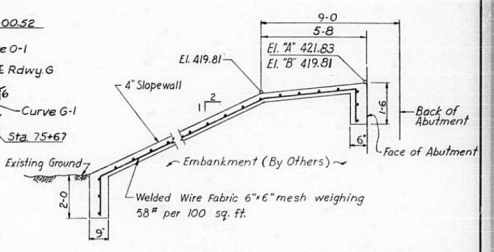


PLAN



SECTION A-A

SECTION B-B



TYPICAL CROSS SECTION OF SLOPE WALL

Note: Plan of Slope Wall similar to Plan shown for Abut. 011 - sh. no. 20

BILL OF MATERIAL

Item	Unit	Quantity
Slope Wall 4"	S.Y.	177
Name Plate	Ea.	1
Embankment	C.Y.	47

DESIGNED BY J.J.N.
DRAWN BY
CHECKED BY R.M.R.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS 01 THRU 010

POPLAR STREET BRIDGE APPROACHES RAMP "O"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 19 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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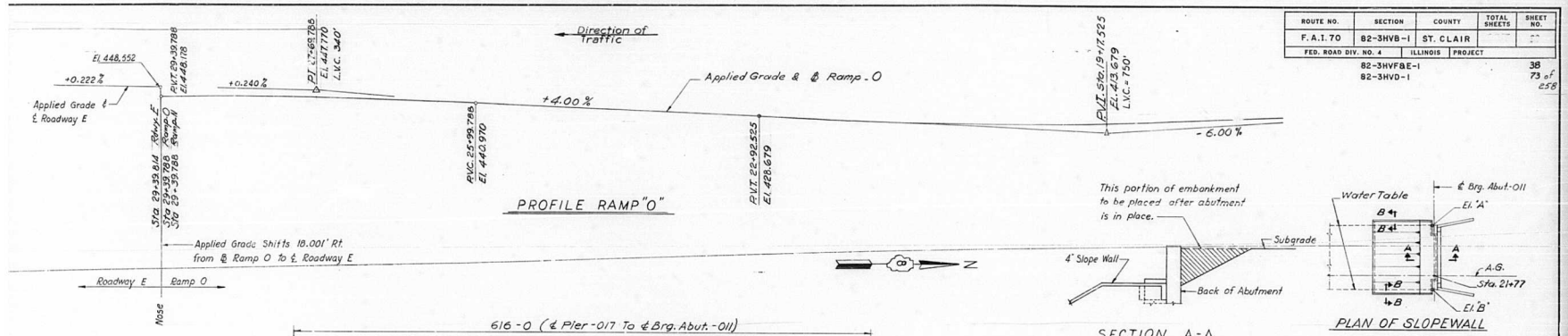
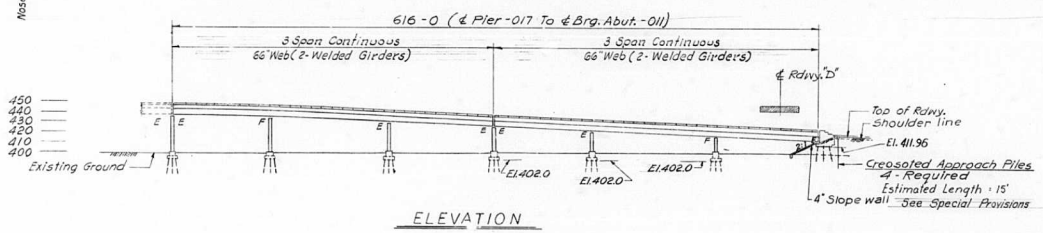
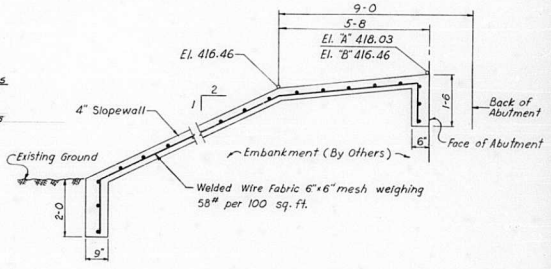
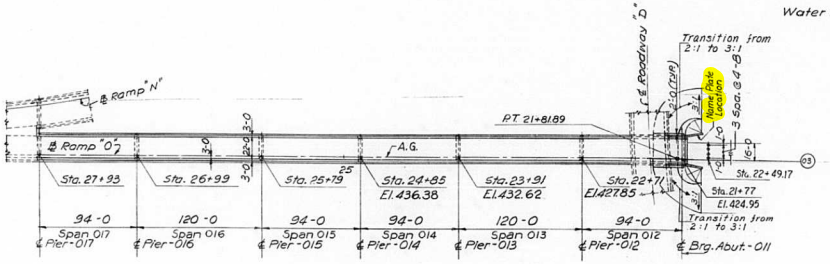
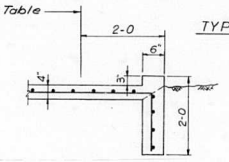
73 of 258











THIS SECTION INCLUDES SPANS 012 THRU 014 ONLY. OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

BILL OF MATERIAL		
Item	Unit	Quantity
Slope Wall 4"	S.Y.	141
Name Plate	Ea.	1
Embankment	C.Y.	50

DESIGNED BY J.J.N.
DRAWN BY K.M.
CHECKED BY S.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS 012 THRU 017

POPLAR STREET BRIDGE APPROACHES

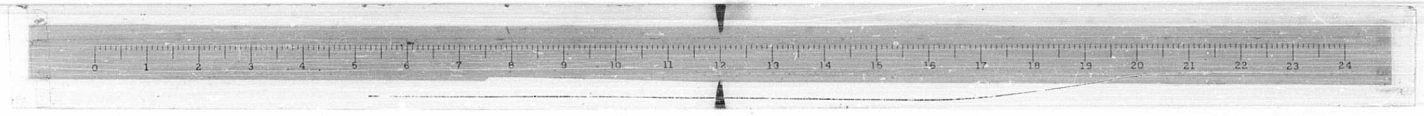
RAMP "O"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 20 OF 526



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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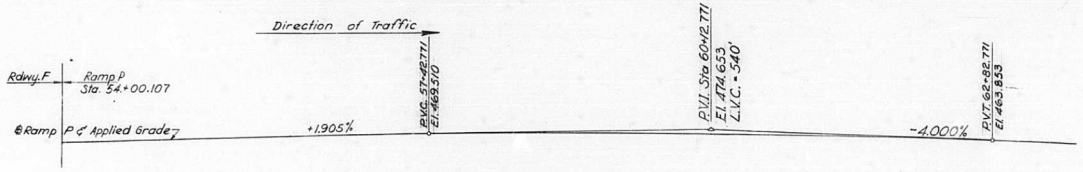
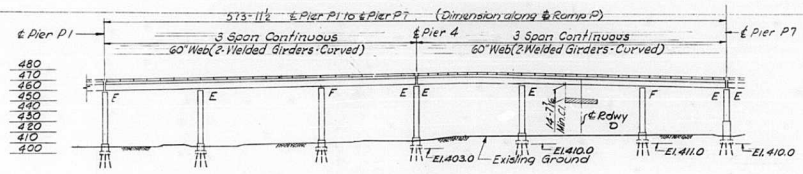
74 of 258



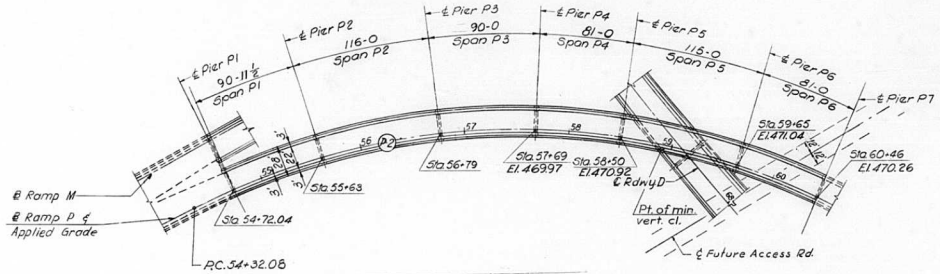
PROFILE RAMP P





ELEVATION

Developed Length along ℄ Ramp P



PLAN

THIS SECTION INCLUDES SPANS P4 THRU P6 ONLY. OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS P1 THRU P6

POPLAR STREET BRIDGE APPROACHES RAMP "P"

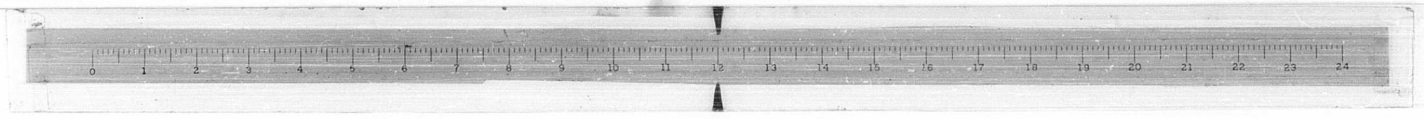
SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 21 OF 526

DESIGNED BY J.J.N.
DRAWN BY I.A.M.
CHECKED BY B.H.
APPROVED BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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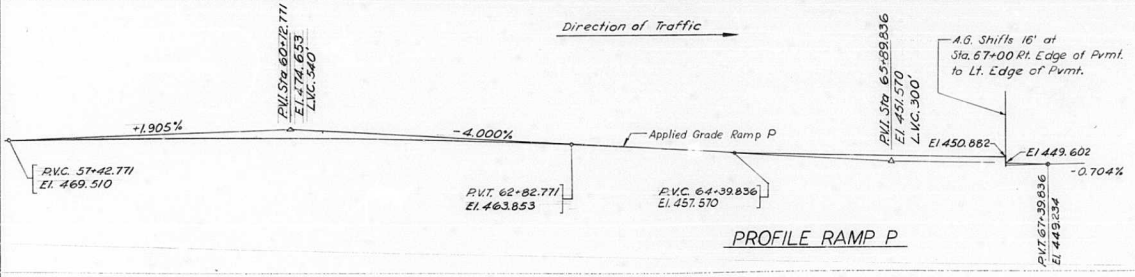
75 of 258



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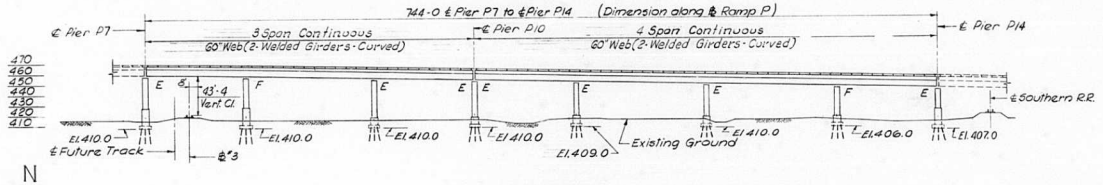
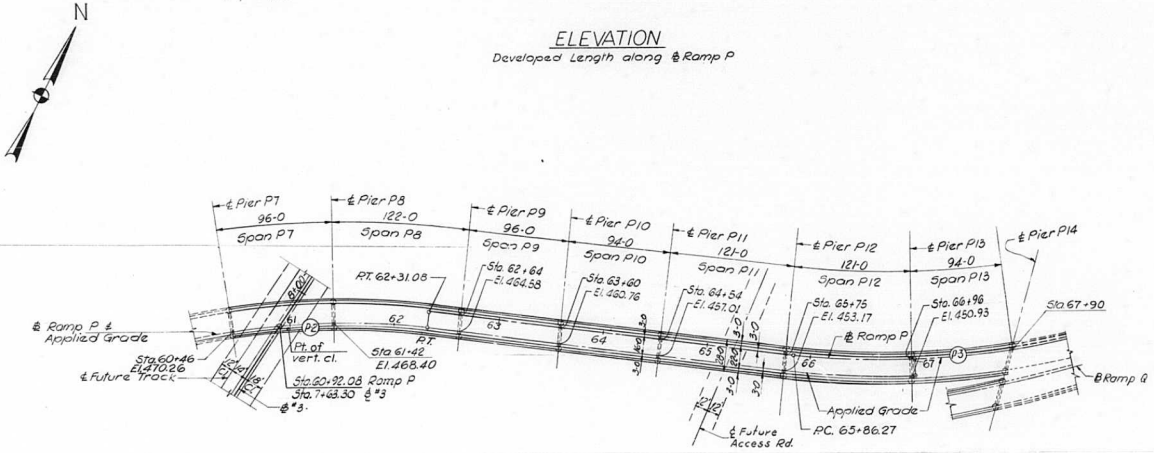


ELEVATION
Developed Length along ℄ Ramp P



PLAN

DESIGNED BY J.J.N.
DRAWN BY I.A.M.
CHECKED BY B.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS P7 THRU P13

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
22 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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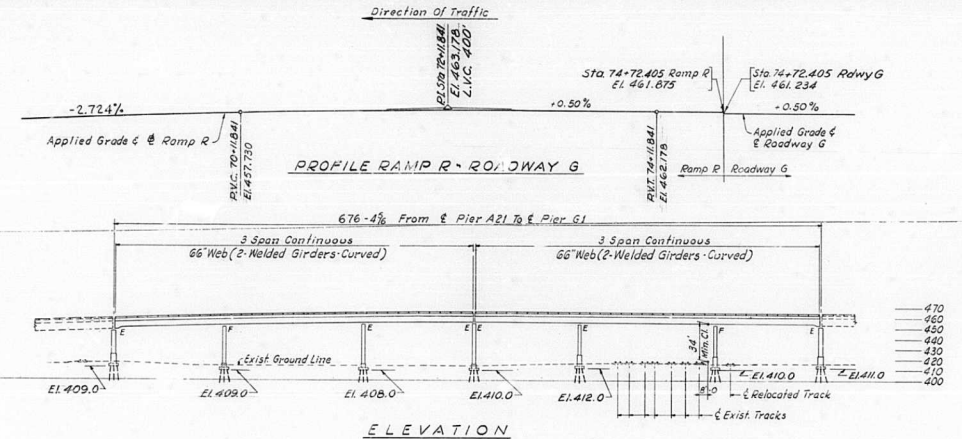
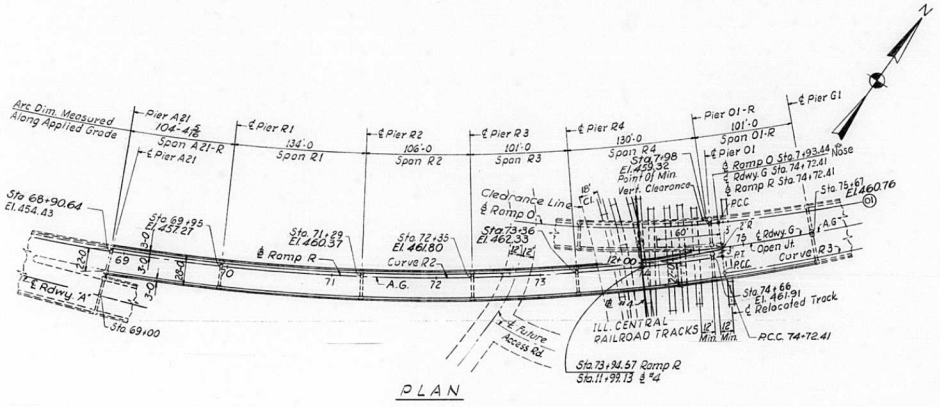
76 of 258





DESIGNED BY J.J.N.
DRAWN BY E.G.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS A21-R, R1 THRU R4 & 01-R

POPLAR STREET BRIDGE APPROACHES RAMP "R"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 23 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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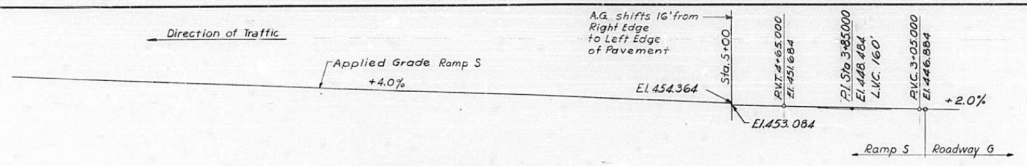
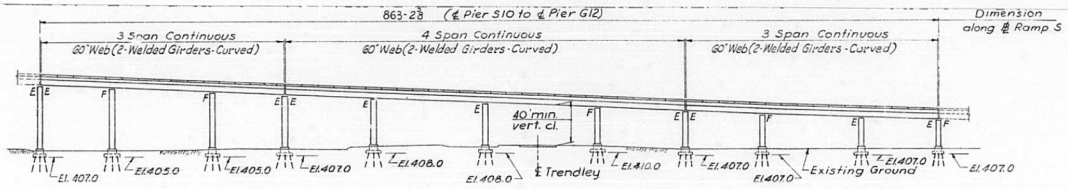
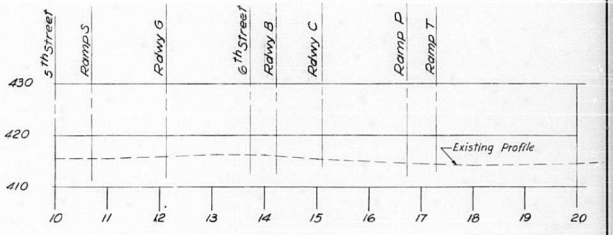
77 of 258



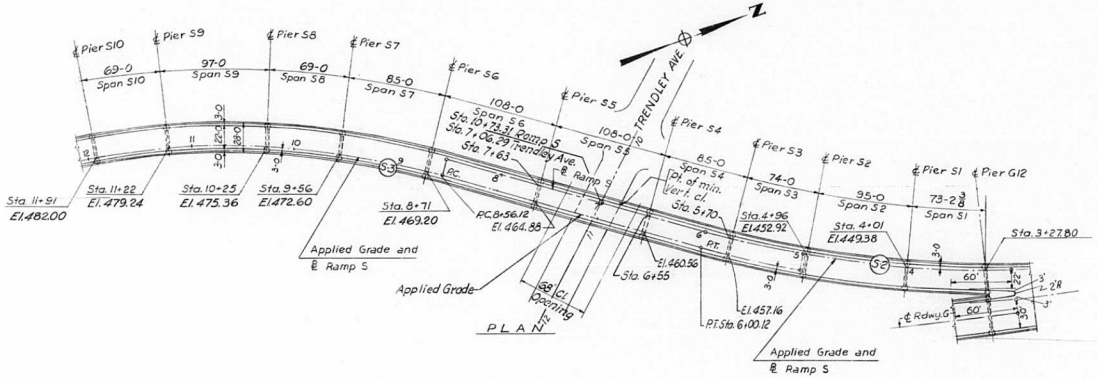
PROFILE RAMP S



ELEVATION
Developed Length along ℄ Ramp S



TRENDLEY AVE. (Existing) PROFILE



THIS SECTION INCLUDES ALL SUPERSTRUCTURE AND PIERS EXCEPT PIER S10. DATA FOR PIER S10 SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS S1 THRU S10

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

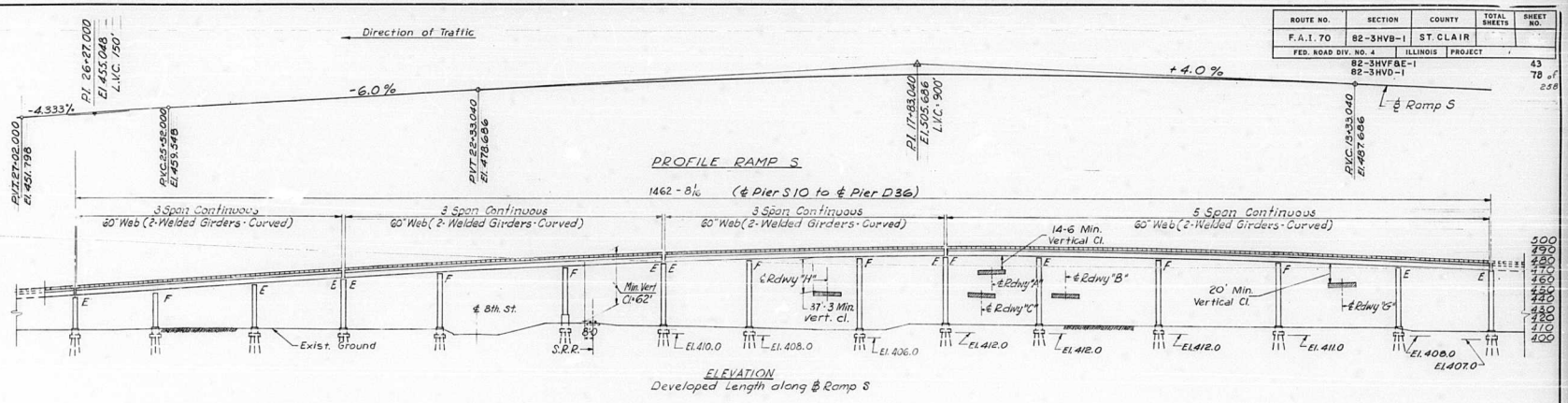
F.A.I. RT. 70 ST. CLAIR CO.

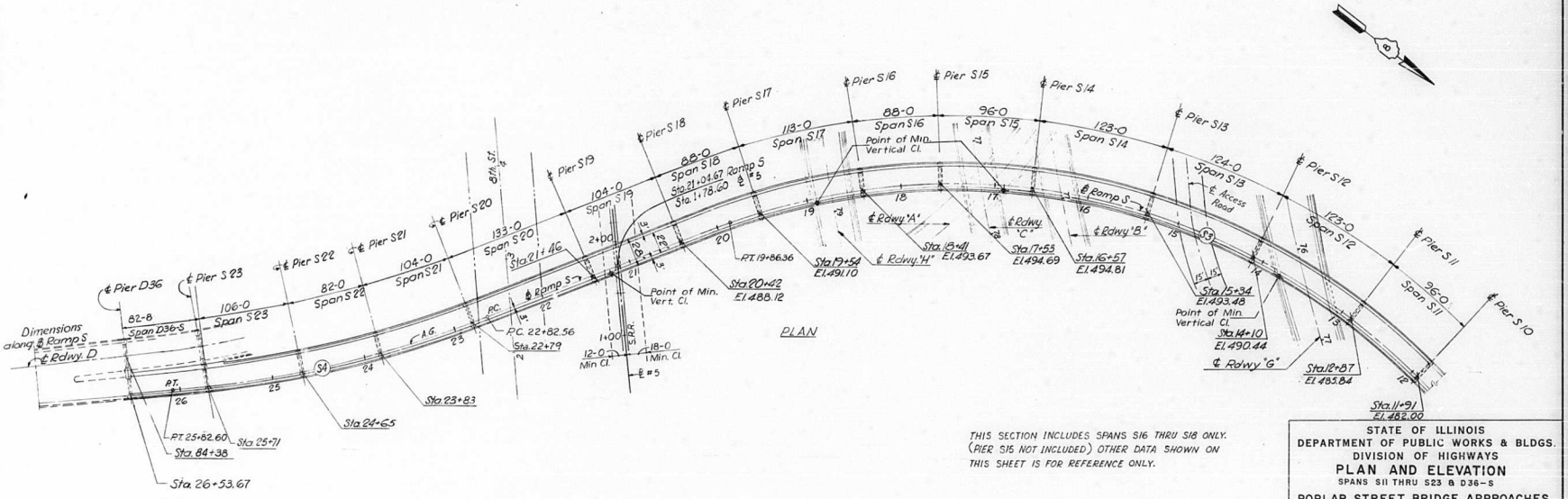
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 24 OF 526

DESIGNED BY J.J.N.
DRAWN BY B.B.
CHECKED BY B.H.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		
	82-3HVFBE-1 82-3HVD-1			43 78 of 258





THIS SECTION INCLUDES SPANS S16 THRU S18 ONLY. (PIER S15 NOT INCLUDED) OTHER DATA SHOWN ON THIS SHEET IS FOR REFERENCE ONLY.

DESIGNED BY J.J.N.
DRAWN BY Geo. S.P.
CHECKED BY B.H.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PLAN AND ELEVATION

SPANS S11 THRU S23 & D36-S

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

SECTIONS 82-3HVB-1, 82-3HVFBE-1, 82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 25 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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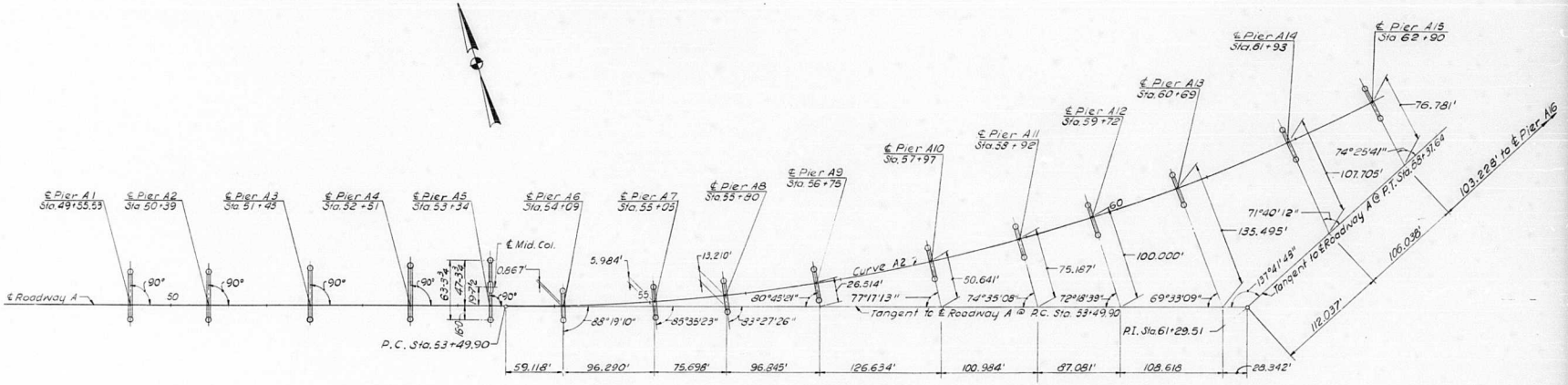
TABLE OF COORDINATES

Pier No.	℄ Roadway A			Azimuth	Right Col. Offset	Left Col. Offset
	Sta.	N. Coordinate	E. Coordinate			
A1	49+55.53	9295.502	30826.071	16°49'09"	16-0	36-0⅛
A2	50+39	9271.350	30905.971	16°49'09"	16-0	37-8
A3	51+45	9240.679	31007.436	16°49'09"	16-0	39-9
A4	52+51	9210.008	31108.902	16°49'09"	16-0	41-11
A5	53+34	9185.991	31188.351	16°49'09"	16-0	47-3¾
A6	54+09	9165.122	31260.386	15°08'19"	16-0	16-0
A7	55+05	9142.268	31353.616	12°24'32"	16-0	16-0
A8	55+80	9127.518	31427.147	10°16'35"	16-0	16-0
A9	56+75	9112.780	31520.988	7°34'30"	16-0	16-0
A10	57+97	9100.367	31642.336	4°06'22"	16-0	16-0
A11	58+92	9095.801	31737.218	1°24'17"	16-0	16-0
A12	59+72	9095.427	31817.212	179°07'48"	16-0	16-3
A13	60+69	9099.234	31914.128	176°22'18"	16-0	17-1
A14	61+93	9110.882	32037.560	172°50'45"	16-0	18-11½
A15	62+90	9125.274	32133.476	170°05'16"	16-0	21-0½

Curve A2
P.I. = 61+29.51
Δ = 42°18'12"
D = 2°50'36"
R = 2,015.00'
L = 1487.74'
T = 779.61
E = 145.56



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS A1 THRU A15

POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 26 OF 526

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.A.B.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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80 of 258

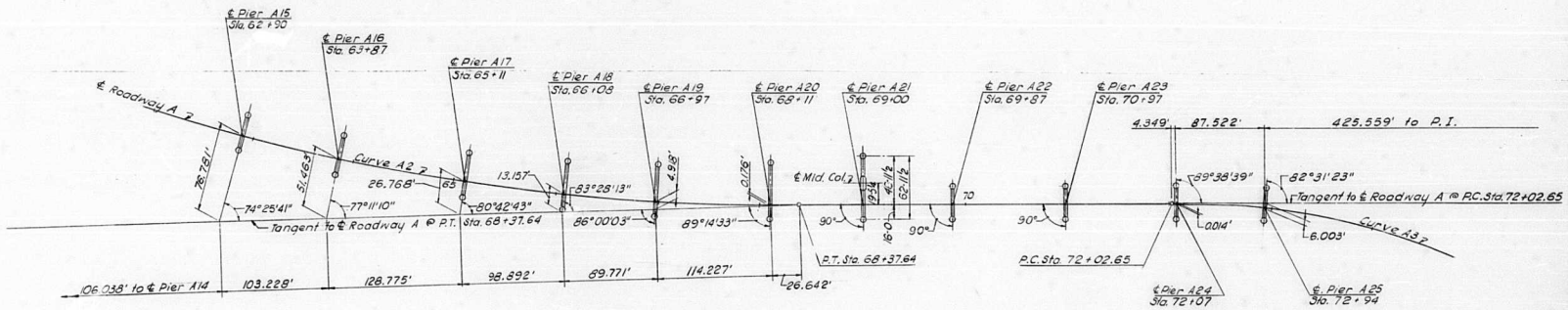

TABLE OF COORDINATES

Pier No.	℄ Roadway A Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
A 16	63+87	9144.265	32228.590	167° 19' 46"	16'-0	23'-8
A 17	65+11	9175.167	32348.657	163° 48' 13"	16'-0	27'-9
A 18	66+08	9204.454	32441.120	161° 02' 44"	16'-0	31'-7
A 19	66+97	9235.212	32524.629	158° 30' 53"	16'-0	35'-6
A 20	68+11	9279.944	32629.470	155° 16' 24"	16'-0	41'-2
A 21	69+00	9318.078	32709.886	154° 30' 57"	16'-0	46'-11½
A 22	69+87	9355.511	32788.421	154° 30' 57"	16'-0	16'-0
A 23	70+97	9402.839	32887.718	154° 30' 57"	16'-0	16'-0
A 24	72+07	9450.156	32987.021	154° 52' 18"	16'-0	16'-0
A 25	72+94	9482.117	33067.878	161° 59' 34"	16'-0	16'-0

Curve A3
P.I = 77+20.08
Δ = 72° 56' 32"
D = 8° 11' 06"
R = 700.00'
L = 891.16'
T = 517.43'
E = 170.48'

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT
PIERS A15 THRU A25
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1
F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 27 OF 126

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.G.B.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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81 of 258

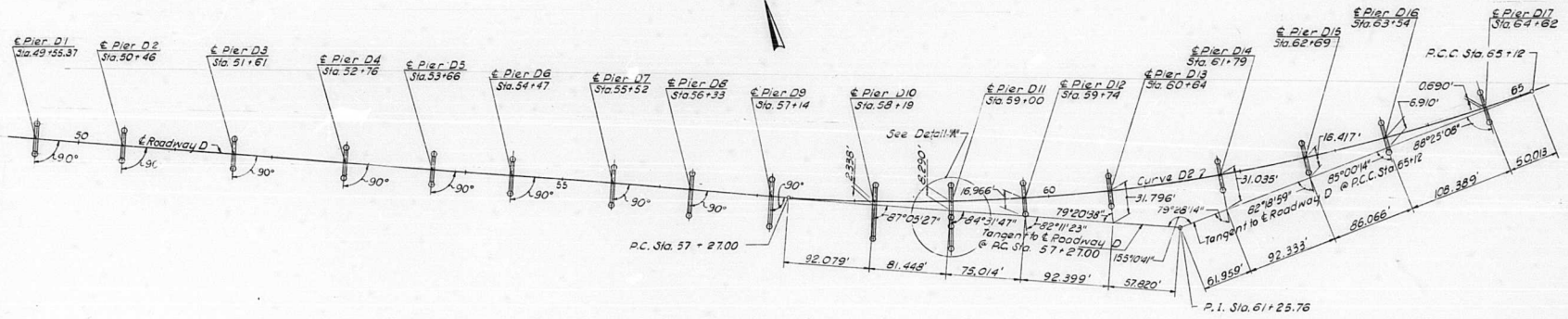
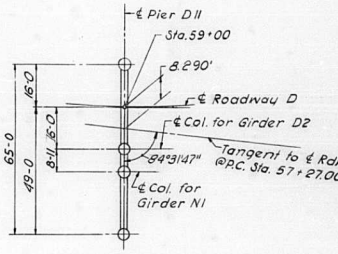


TABLE OF COORDINATES

Pier No.	℄ Roadway D			Azimuth	Right Col. Offset	Left Col. Offset
	Sta.	N. Coordinate	E. Coordinate			
D1	49+55.31	9186.160	30788.684	21°04'29"	16-0	16-0
D2	50+46	9153.571	30873.252	21°04'29"	16-0	16-0
D3	51+61	9112.219	30980.539	21°04'29"	16-0	16-0
D4	52+76	9070.866	31087.827	21°04'29"	16-0	16-0
D5	53+66	9038.504	31171.847	21°04'29"	16-0	16-0
D6	54+47	9009.377	31247.430	21°04'29"	19-8	16-0
D7	55+52	8971.621	31345.406	21°04'29"	24-6	16-0
D8	56+33	8942.494	31420.988	21°04'29"	28-2	16-0
D9	57+14	8913.368	31496.571	21°04'29"	31-10	16-0
D10	58+19	8877.805	31595.350	18°09'56"	39-1	16-0
D11	59+00	8854.280	31672.852	15°36'16"	49-0	16-0
D12	59+74	8835.835	31744.511	13°15'52"	16-0	16-0
D13	60+64	8817.368	31832.587	10°25'07"	16-0	16-0
D14	61+79	8800.173	31946.274	6°46'57"	16-0	16-0
D15	62+69	8791.768	32035.872	3°56'12"	16-0	16-0
D16	63+54	8787.923	32120.777	1°14'56"	16-0	16-0
D17	64+62	8788.788	32228.757	177°50'02"	16-0	16-0

Curve D2
P.I. : 61+25.76
Δ : 24°49'19"
D : 3°09'43"
R : 1,812.00'
L : 785.00
T : 398.76'
E : 43.36'



DETAIL-"A"

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.A.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT
PIERS D1 THRU D17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 28 OF 525

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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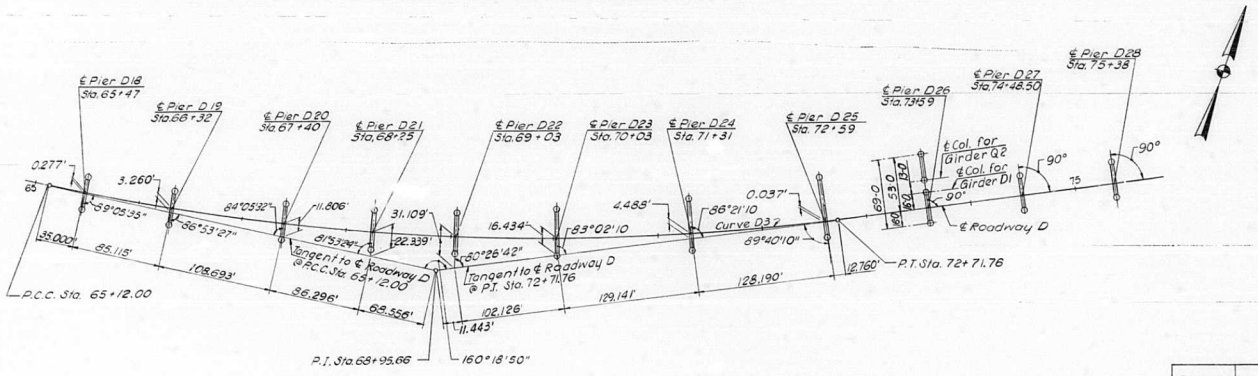
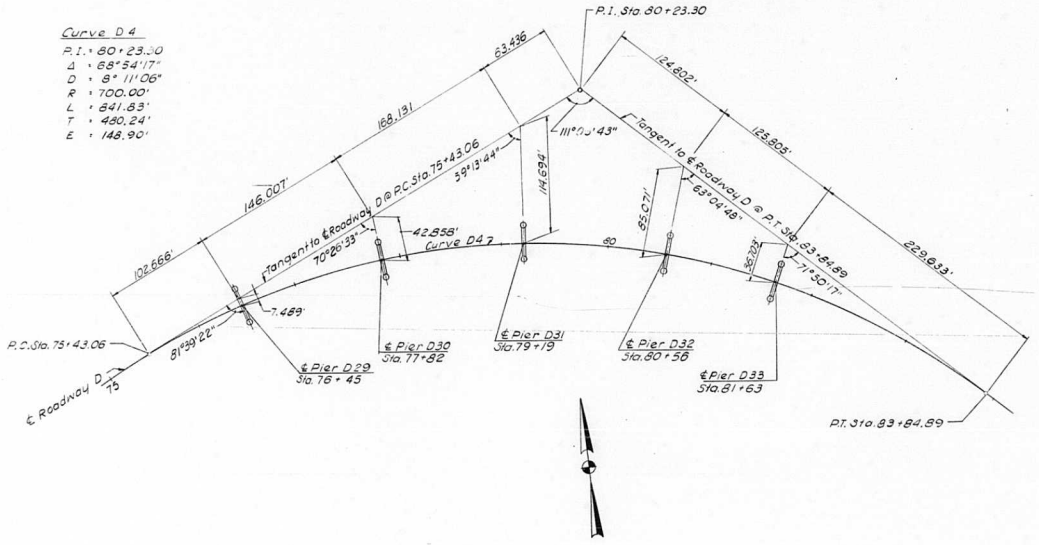
82 of 256



Curve D 3
P.I. = 68 + 95.66
Δ = 19° 41'10"
D = 2° 35'28"
R = 2,211.24'
L = 759.76'
T = 383.66
E = 33.04'

TABLE OF COORDINATES

Pier No.	℄ Roadway D Sta	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
D18	65 + 47	8793.930	32313.595	175° 20'45"	16-0	16-1
D19	66 + 32	8802.453	32398.161	173° 08'37"	16-0	16-8
D20	67 + 40	8817.960	32505.032	170° 20'42"	16-0	18-7
D21	68 + 25	8833.822	32588.533	168° 08'34"	16-0	20-10½
D22	69 + 03	8851.192	32664.570	166° 07'18"	16-0	23-7
D23	70 + 03	8877.365	32761.076	163° 31'50"	16-0	27-11½
D24	71 + 31	8917.185	32882.705	160° 12'50"	16-0	34-11
D25	72 + 59	8963.975	33001.827	156° 53'50"	16-0	43-5
D26	73 + 59	9003.709	33093.594	156° 34'00"	16-0	53-0
D27	74 + 4850	9039.302	33175.713	156° 34'00"	16-0	16-0
D28	75 + 38	9074.894	33257.831	156° 34'00"	16-0	16-0
D29	76 + 45	9110.505	33338.622	164° 54'38"	16-0	16-0
D30	77 + 82	9133.040	33493.534	176° 07'27"	16-0	16-0
D31	79 + 19	9128.908	33630.254	7° 20'16"	16-0	16-0
D32	80 + 56	9098.268	33763.559	18° 33'05"	16-0	16-0
D33	81 + 63	9056.620	33862.008	27° 18'34"	16-0	16-0



Curve D 4
P.I. = 80 + 23.30
Δ = 68° 54'17"
D = 8° 11'06"
R = 700.00'
L = 841.83'
T = 480.24'
E = 148.90'

DESIGNED BY R.M.D.
DRAWN BY I.M.
CHECKED BY S.Q.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS D18 THRU D33
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 29 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1
82-3HVD-1

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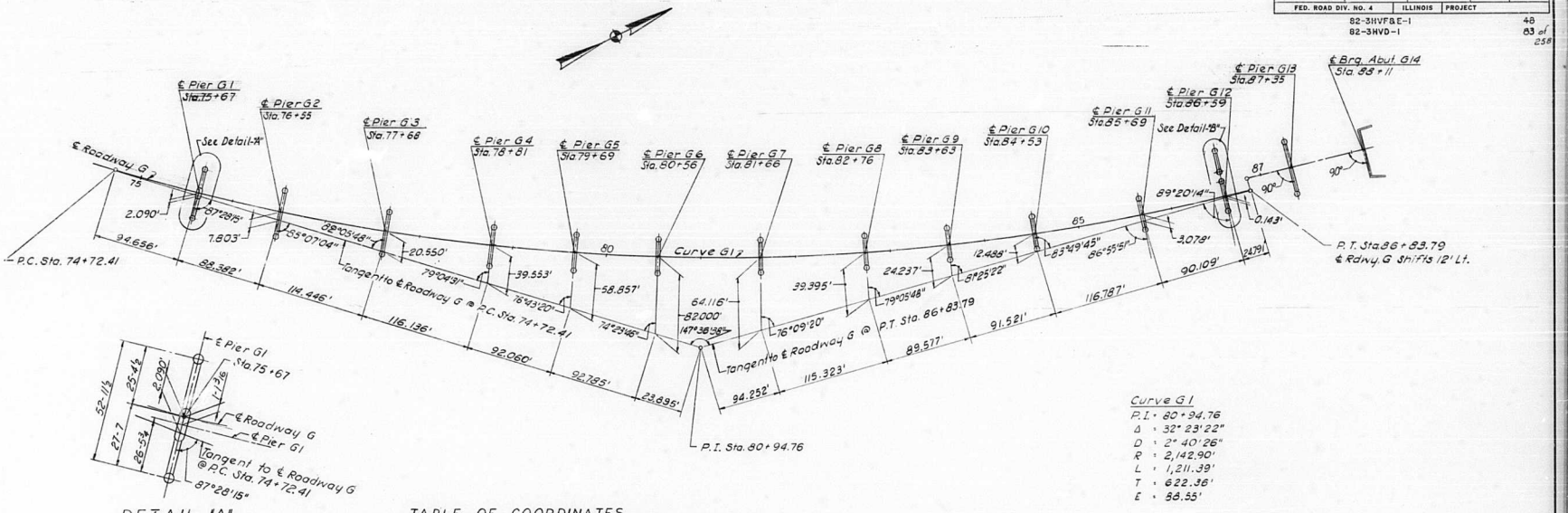
83 of 258

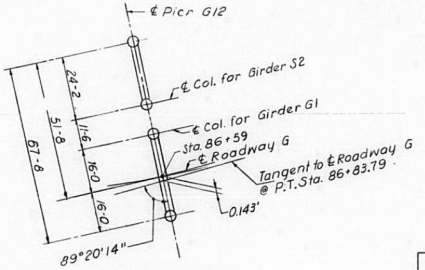


DETAIL - "A"

Curve G1
P.I. = 80+94.76
Δ = 32° 23' 22"
D = 2° 40' 26"
R = 2,142.90'
L = 1,211.39'
T = 622.36'
E = 88.55'

TABLE OF COORDINATES

Pier No.	℄ Roadway G Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col Offset	Left Col Offset
G 1	75+67	9792.526	33203.621	130°59'21"	27 - 7	25 - 4½
G 2	76+55	9860.118	33259.962	128° 38'10"	26 - 4¹³/₁₆	23 - 2⅝
G 3	77+68	9950.204	33328.157	125° 36'54"	23 - 10	20 - 10
G 4	78+81	10043.759	33391.508	122° 35'37"	20 - 9	18 - 11
G 5	79+69	10118.853	33437.376	120° 14'26"	18 - 10	17 - 9
G 6	80+56	10194.882	33479.655	117° 54'52"	17 - 5½	16 - 10½
G 7	81+66	10293.362	33528.635	114° 58'24"	16 - 4	15 - 3
G 8	82+76	10394.226	33572.497	112° 01'56"	16 - 0	15 - 0
G 9	83+63	10475.513	33603.487	109° 42'22"	16 - 0	16 - 0
G 10	84+53	10560.854	33632.047	107° 17'59"	16 - 0	16 - 0
G 11	85+69	10672.486	33663.528	104° 11'53"	16 - 0	16 - 0
G 12	86+59	10760.174	33683.764	101° 47'30"	16 - 0	51 - 8
G 13	87+35	10837.033	33686.800	101° 07'44"	28 - 0	29 - 11
℄ Brg. Abut. G14	88+11	10911.604	33701.469	101° 07'44"	28 - 0	22 - 9⁵/₁₆



DETAIL - "B"

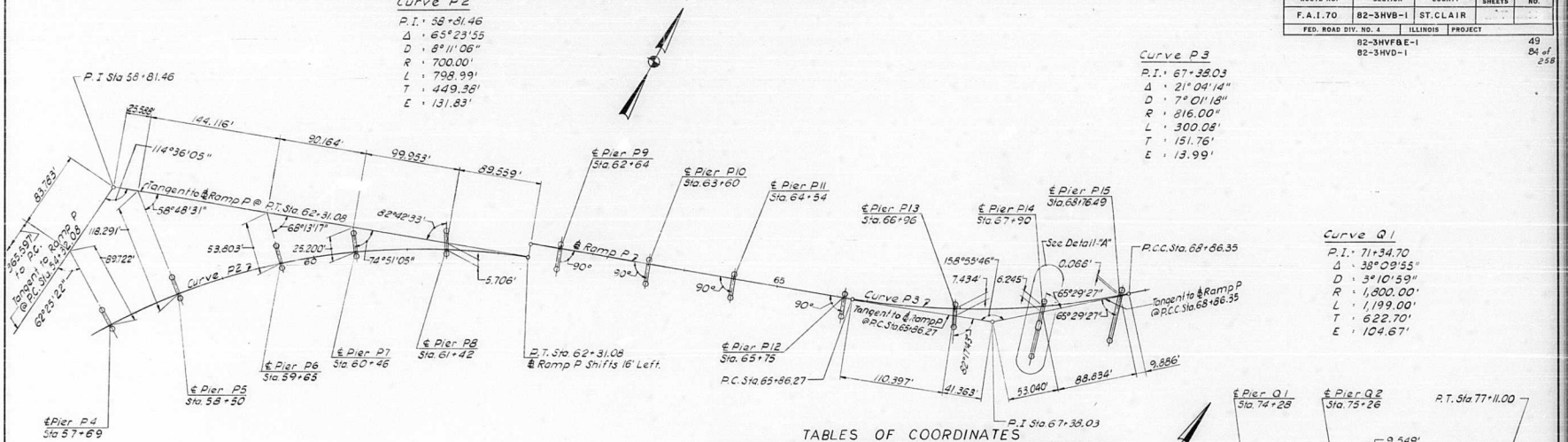
SIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.Q.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
GEOMETRIC LAYOUT
PIERS G1 THRU G14
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"
SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1
F.A.I. RT. 70 ST. CLAIR CO.
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS
SHEET 30 OF 525

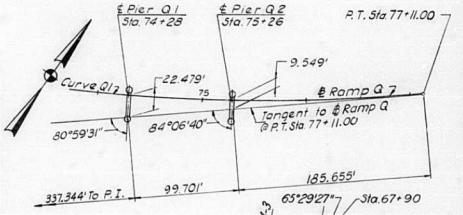
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-1	ST.CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF & E-1
82-3HVD-1

49
84 of 258

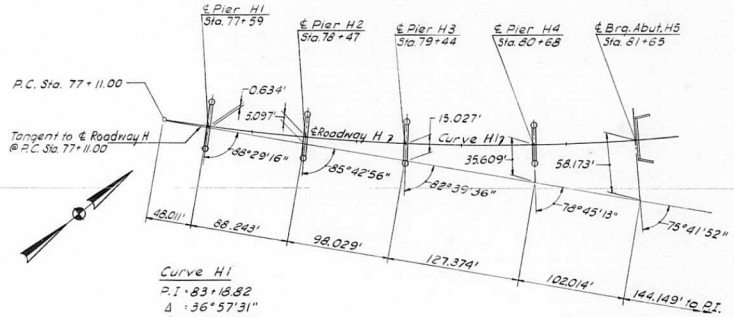


Curve Q1
P.I. : 71+34.70
Δ : 38°09'55"
D : 3°10'59"
R : 1,600.00'
L : 1,199.00'
T : 622.70'
E : 104.67'



TABLES OF COORDINATES

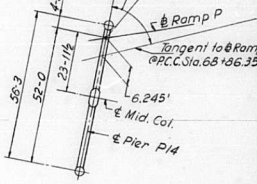
Pier No.	℄ Ramp P Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
P4	57+69	8704.826	32408.504	122°10'24"	4-0	20-0
P5	58+50	8770.742	32455.501	128°48'12"	4-0	20-0
P6	59+65	8854.053	32534.587	138°12'58"	4-0	20-0
P7	60+46	8904.414	32597.970	144°50'46"	4-0	20-0
P8	61+42	8954.141	32679.999	152°42'14"	4-0	20-0
P9	62+64	9016.149	32787.002	159°59'41"	20-0	4-0
P10	63+60	9048.991	32877.210	159°59'41"	20-0	4-0
P11	64+54	9081.149	32965.538	159°59'41"	20-0	4-0
P12	65+75	9122.544	33079.237	159°59'41"	20-0	4-0
P13	66+96	9170.748	33190.105	162°17'24"	20-0	4-0
P14	67+90	9219.149	33270.626	163°26'00"	52-0	4-3
P15	68+76.49	9271.595	33339.354	163°26'00"	45-4	3-4



Curve H1
P.I. : 83+16.82
Δ : 36°57'31"
D : 3°09'01"
R : 1,818.76'
L : 1,173.19'
T : 607.62'
E : 98.88'

Pier No.	℄ Roadway H Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
H1	77+59	9296.990	33393.945	136°34'31"	21-4	21-4
H2	78+47	9359.004	33456.369	133°48'11"	20-2	20-2
H3	79+44	9430.767	33521.613	130°44'51"	19-0½	19-0½
H4	80+68	9527.394	33599.287	126°50'28"	17-10½	17-10½
℄ Brg Abut. H5	81+65	9606.537	33655.351	123°47'07"	17-1 15/16	17-2

Pier No.	℄ Ramp Q Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
Q1	74+28	9088.251	33138.097	147°05'44"	20-0	4-0
Q2	75+26	9143.701	33218.886	143°58'35"	20-0	4-0



DETAIL - "A"

DESIGNED BY R.M.D.
DRAWN BY I.M.
CHECKED BY S.Q.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS P4 THRU P15, Q1 & Q2, H1 THRU H5
POPLAR STREET BRIDGE APPROACHES
RAMPS P&Q AND ROADWAY "H"

SECTIONS 82-3HVB-1
82-3HVF & E-1
82-3HVD-1

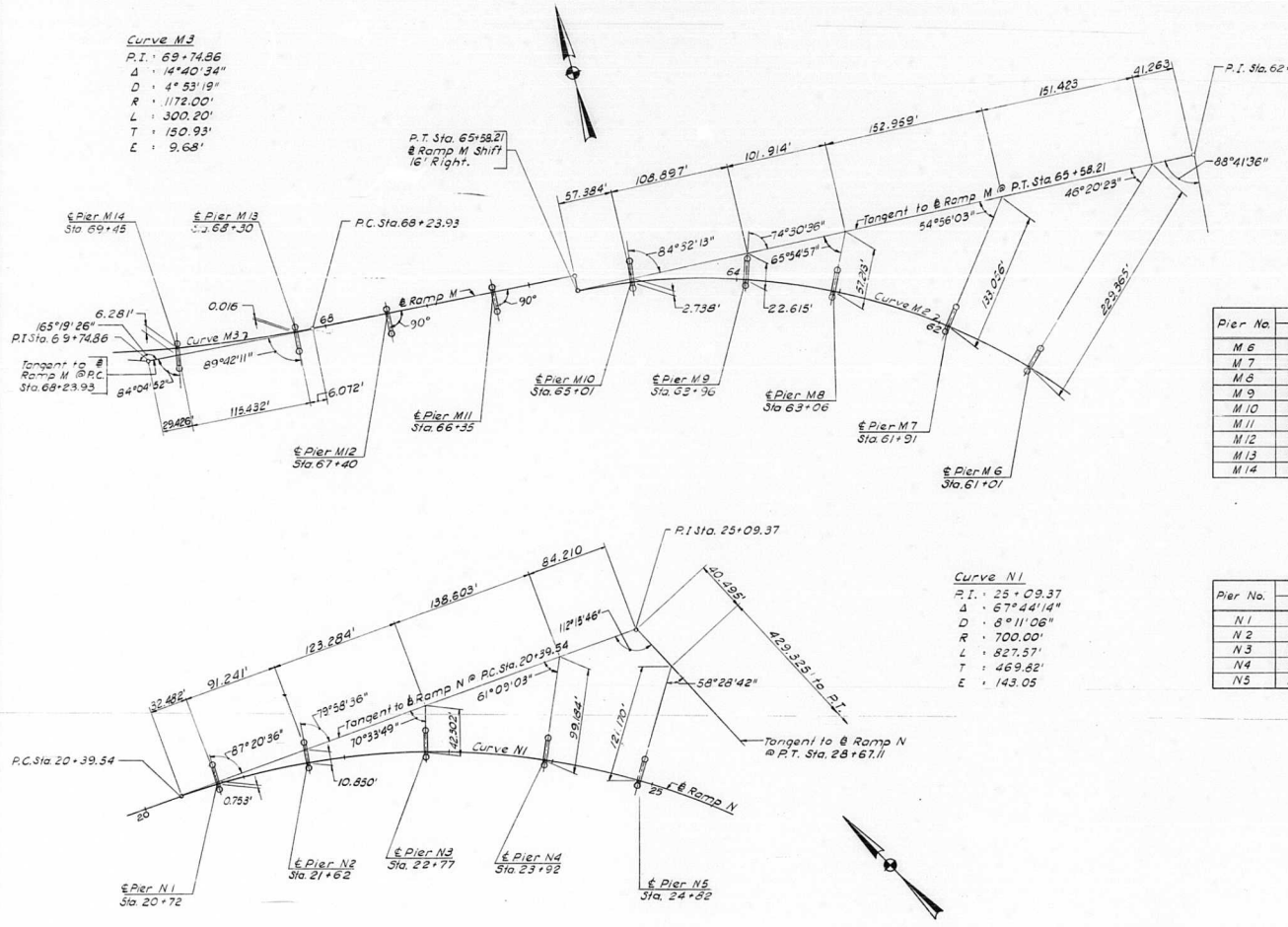
F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 31 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVF&E-1 50
82-3HVD-1 85 of 258



TABLES OF COORDINATES

Pier No.	℄ Ramp M			Azimuth	Right Col. Offset	Left Col. Offset
	Sta.	N. Coordinate	E. Coordinate			
M 6	61+01	9011.888	32083.100	44°39'26"	20·0	4·0
M 7	61+91	9070.116	32014.585	36°03'46"	20·0	4·0
M 8	63+06	9128.518	31915.722	25°04'52"	20·0	4·0
M 9	63+96	9160.424	31831.658	16°29'12"	20·0	4·0
M 10	65+01	9181.283	31728.887	6°27'36"	20·0	4·0
M 11	66+35	9202.336	31595.320	0°59'50"	4·0	20·0
M 12	67+40	9204.163	31490.336	0°59'50"	4·0	20·0
M 13	68+30	9205.745	31400.350	1°17'39"	4·0	20·0
M 14	69+45	9213.974	31285.691	6°54'58"	4·0	20·0

Pier No.	℄ Ramp N			Azimuth	Right Col. Offset	Left Col. Offset
	Sta.	N. Coordinate	E. Coordinate			
N 1	20+72	8780.838	31727.627	26°20'16"	4·0	20·0
N 2	21+62	8735.640	31805.499	33°42'16"	4·0	20·0
N 3	22+77	8664.472	31895.508	43°07'03"	4·0	20·0
N 4	23+92	8579.343	31972.634	52°31'49"	4·0	20·0
N 5	24+82	8504.594	32022.648	59°53'49"	4·0	20·0

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.O.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS M6 THRU M14, N1 THRU N5

POPLAR STREET BRIDGE APPROACHES RAMPS "M" & "N"

SECTIONS 82-3HVB-1
82-3HVF&E-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 32 OF 526

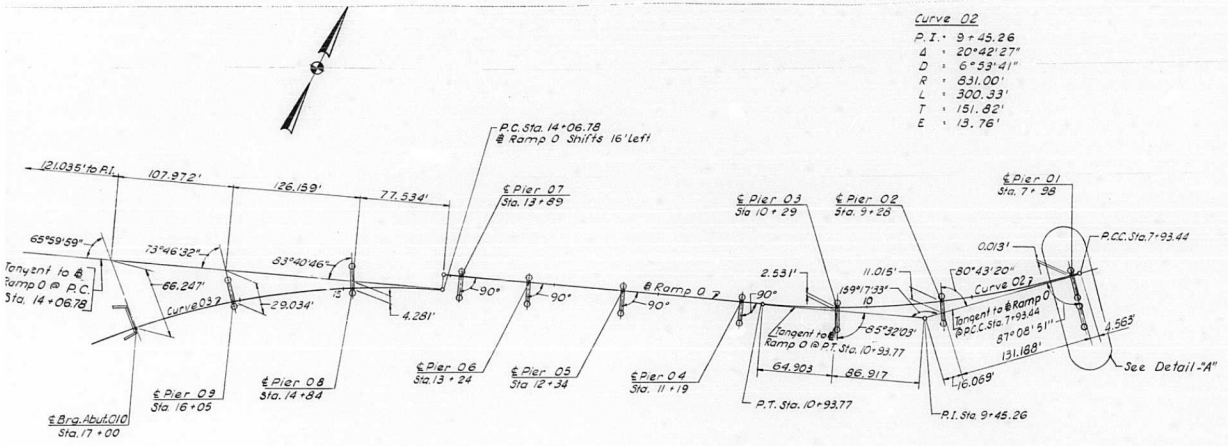
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.70	82-3HVB-I	ST. CLAIR	207	5
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

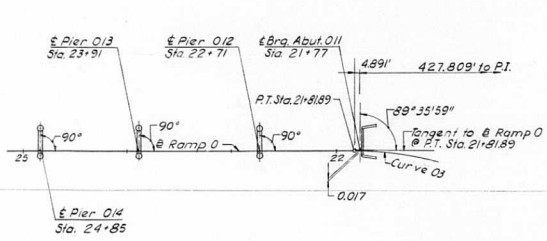
82-3HVF&E-I 51
82-3HVD-I 86 of 258

TABLES OF COORDINATES

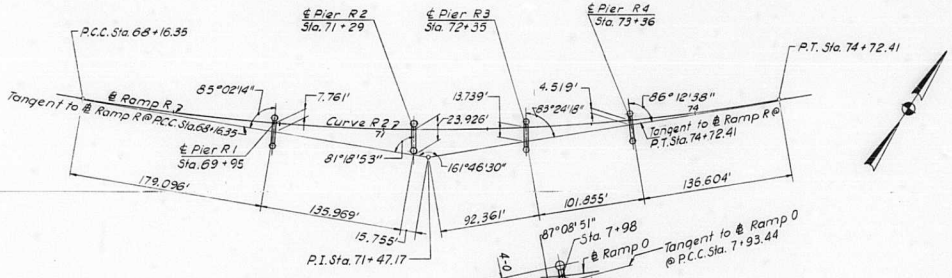
Pier No.	℄ Ramp O Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
O 1	7+98	9736.343	33119.865	138°03'53"	4-0	52-3
O 2	9+28	9652.681	33020.368	144°29'24"	4-0	20-0
O 3	10+29	9599.350	32934.794	151°27'14"	4-0	20-0
O 4	11+19	9560.352	32853.716	155°55'11"	4-0	20-0
O 5	12+34	9513.430	32748.724	155°55'11"	4-0	20-0
O 6	13+24	9476.708	32666.556	155°55'11"	4-0	20-0
O 7	13+89	9450.187	32607.213	155°55'11"	4-0	20-0
O 8	14+84	9392.997	32528.887	149°35'57"	20-0	4-0
O 9	16+05	9323.073	32430.322	139°41'43"	20-0	4-0
℄Brg.Abut.O10	17+00	9256.902	32362.259	131°55'10"	20-0	4-0
℄Brg.Abut.O11	21+77	8824.370	32184.001	92°52'35"	20-0	4-0
O 12	22+71	8730.459	32179.923	92°28'34"	20-0	4-0
O 13	23+91	8610.571	32174.738	92°28'34"	20-0	4-0
O 14	24+85	8516.658	32170.677	92°28'34"	20-0	4-0

Pier No.	℄ Ramp R Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col. Offset	Left Col. Offset
R 1	69+95	9411.773	32760.126	146°46'50"	20-0	4-0
R 2	71+29	9488.774	32889.764	143°03'29"	20-0	4-0
R 3	72+35	9554.629	32972.810	140°06'48"	20-0	4-0
R 4	73+36	9621.268	33048.693	137°18'28"	20-0	4-0

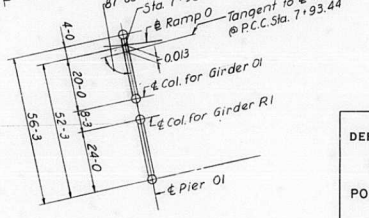




Curve 03
P.I. = 18+39.48
Δ = 63°26'37"
D = 8°11'06"
R = 700.00'
L = 775.11'
T = 432.70'
E = 122.94'



Curve R2
P.I. = 71+47.17
Δ = 18°13'30"
D = 2°46'41"
R = 2,062.50'
L = 656.05'
T = 330.82'
E = 26.36'



DETAIL - "A"

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.Q.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS O1 THRU O14, R1 THRU R4

POPLAR STREET BRIDGE APPROACHES
RAMPS "O" & "R"

SECTIONS 82-3HVB-I
82-3HVF&E-I
82-3HVD-I

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 33 OF 528

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

82-3HVFBE-1
82-3HVD-1

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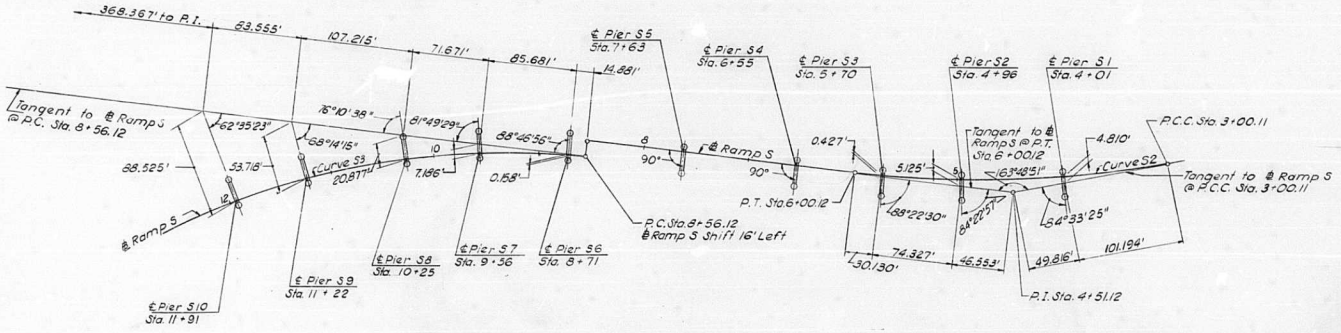
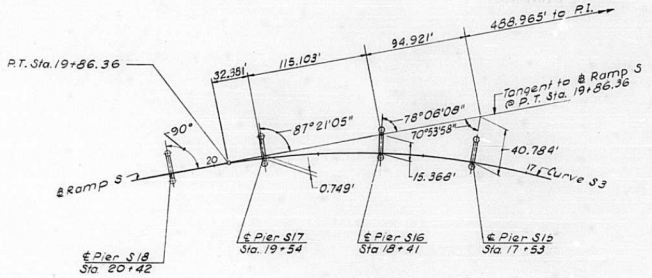
87 of 258



Curve S2
P.I. = 4+51.12
Δ = 16°11'09"
D = 5°23'42"
R = 1,062.00'
L = 300.01'
T = 151.01'
E = 10.68'



Curve S3
P.I. = 15+87.49
Δ = 92°30'40"
D = 8°11'06"
R = 700.00'
L = 1,130.24'
T = 731.37'
E = 312.38'

TABLE OF COORDINATES

Pier No.	℄ Ramp S Sta.	N. Coordinate	E. Coordinate	Azimuth	Right Col Offset	Left Col Offset
S1	4+01	10702.138	33609.505	114°08'23"	4-0	20-0
S2	4+96	10617.298	33566.830	119°15'54"	4-0	20-0
S3	5+70	10554.055	33528.436	123°15'27"	4-0	20-0
S4	6+55	10484.086	33480.178	124°52'57"	4-0	20-0
S5	7+63	10395.491	33418.413	124°52'57"	4-0	20-0
S6	8+71	10297.656	33369.904	123°39'53"	20-0	4-0
S7	9+56	10224.227	33327.191	116°42'26"	20-0	4-0
S8	10+25	10161.161	33299.266	111°03'35"	20-0	4-0
S9	11+22	10068.518	33270.784	103°07'12"	20-0	4-0
S10	11+91	10000.657	33258.456	97°28'20"	20-0	4-0
S15	17+53	9473.596	33404.898	51°28'19"	20-0	4-0
S16	18+41	9408.375	33463.891	44°16'09"	20-0	4-0
S17	19+54	9336.357	33550.808	35°01'12"	20-0	4-0
S18	20+42	9288.616	33624.722	32°22'17"	20-0	4-0

DESIGNED BY R.M.R.
DRAWN BY I.M.
CHECKED BY S.C.B.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

GEOMETRIC LAYOUT

PIERS S1 THRU S18

POPLAR STREET BRIDGE APPROACHES RAMP "S"

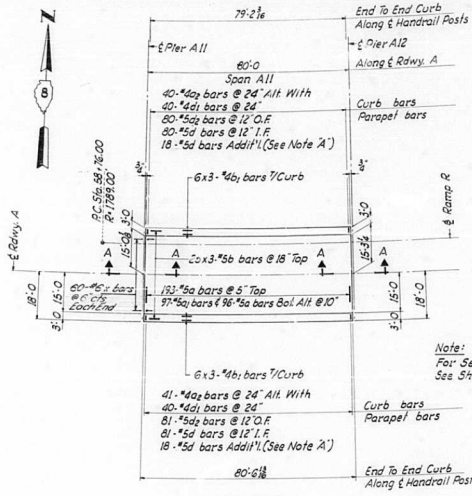
SECTIONS 82-3HVB-1
82-3HVFBE-1
82-3HVD-1

F.A.I. RT. 70 ST. CLAIR CO.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

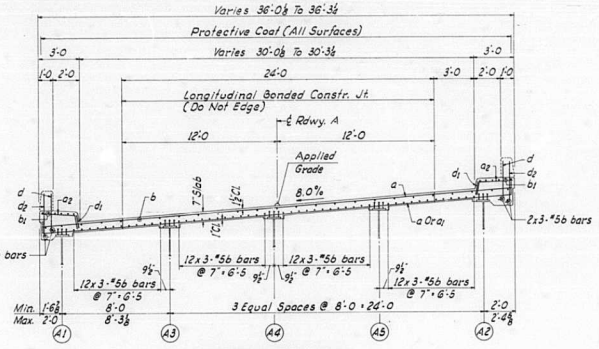
SHEET 34 OF 525

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	88
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

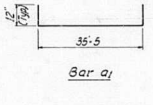


PLAN
SPAN A11

Note:
For Section A-A See Sheet N° 362



CROSS SECTION
SPAN A11



Bar a1

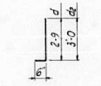


Bar a2

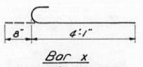
BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
35 a	289	#5	35'-5	
35 a1	97	#5	37'-5	
35 a2	81	#4	3'-9	
35 b	231	#5	27'-6	
35 b1	36	#4	27'-5	
35 d	197	#5	3'-3	
35 d1	80	#4	1'-1	
35 d2	161	#5	3'-6	
35 x	120	#6	4'-9	
• See Note 'X'				

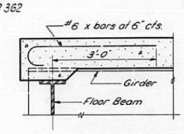
ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	84.6
Reinforcement Bars	Lbs.	24,120
Protective Coat	Sq. Yds.	356
3/4" ℄ Stud Shear Connectors	Each	2,235



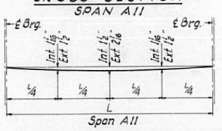
Bars d & d2



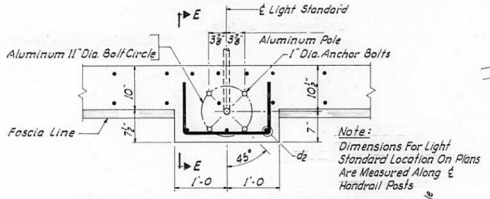
Bar x
This detail typical for all x bars in this section.



TYPICAL CROSS SECTION SHOWING X BAR

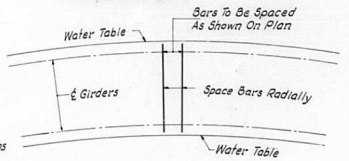


DEAD LOAD DEFLECTION DIAGRAM
(Wt. Of Concrete Only)

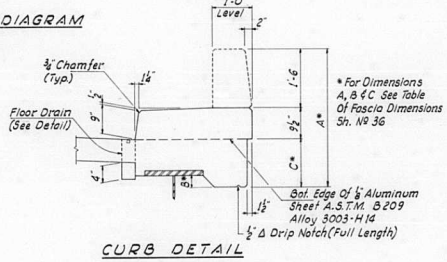


Note:
Dimensions For Light Standard Location On Plans Are Measured Along ℄ Handrail Posts

LIGHT STANDARD ANCHORAGE DETAIL



BAR SPACING DIAGRAM
See Note 'C'



* For Dimensions A, B & C See Table Of Fascia Dimensions Sh. N° 36

CURB DETAIL

GENERAL SLAB NOTES

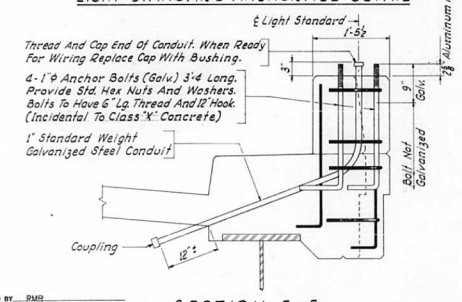
Note 'A' 2-Additional #5d Bars Inside Face Of Parapet At Each Handrail Post And Light Standard. 3-Additional #5d2 Bars In Outside Face At Light Standard.

Note 'B' Bars Indicated Thus 5x4-#5 Etc. Indicates 5 Lines Of Bars With 4 Lengths Per Line. Min. Bar Laps = 20 Dia. (Transverse Slab Bars Shall Have A Min. Lap Of 30 Dia.)

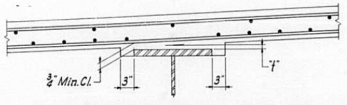
Note 'C' Transverse Bars In Horizontally Curved Slab Shall Be Spaced Radially. See Bar Spacing Diagram.

• Note 'X' The First Two Or Three Digits Of The Bar Mark In The Bill Of Material Correspond To The Sheet N°. These Digits Are Omitted On The Drawing.

Stud shear connectors on the beam flanges shall be placed in the field after the steel has been erected and the deck forms are in place. The cost of furnishing and placing of the connectors is included in "Steel Shear Connectors" in section 82-3HVD-1.

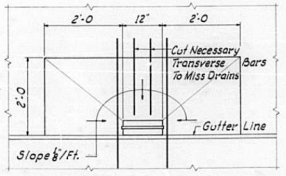


SECTION E-E



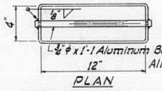
METHOD OF DETERMINING FILLET HEIGHTS "t"

After All Structural Steel Has Been Erected, Elevations Of The Top Flanges Of The Beams Shall Be Taken At Intervals Shown On Sheets 126 Thru 182 These Elevations Subtracted From The Theoretical Grade Elevations Adjusted For Dead Load Deflection Shown On Sheets 126 Thru 182 Minus Slab Thickness (7) Equals The Fillet Heights Above Top Of Beams.

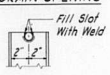


4"x12" Drains To Be Fabricated From 3/16" Welded Sheets Of Material Conforming To A.S.T.M. B209 Alloy 3003-H14 Or A.S.T.M. B209 Alloy 6061-T6 (For Spacing See Plans)

FLOOR DRAIN DETAILS



PLAN
FLOOR DRAIN OPENING



END VIEW

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPAN A11 AND SLAB DETAILS

POPLAR STREET BRIDGE APPROACHES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

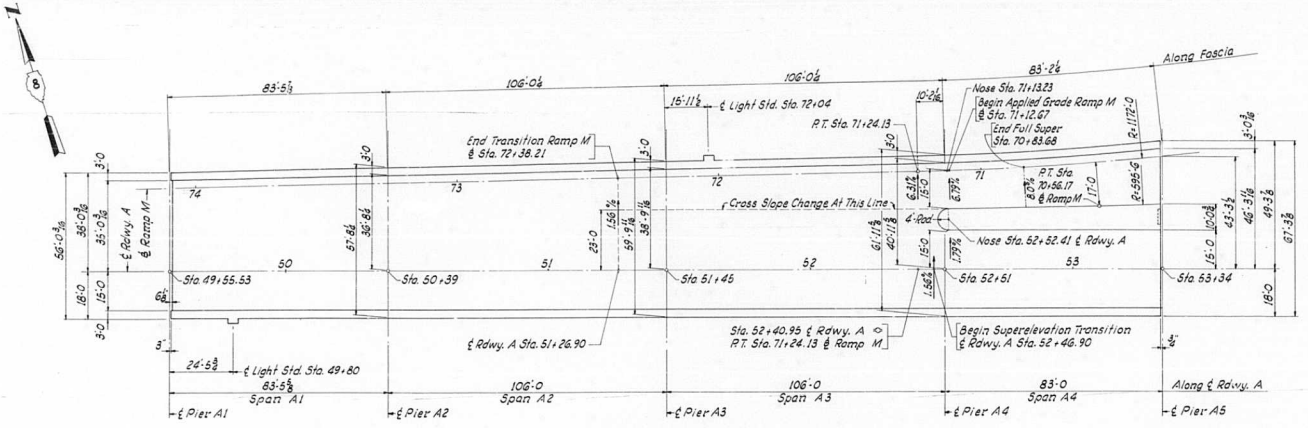
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 33 OF SHEETS

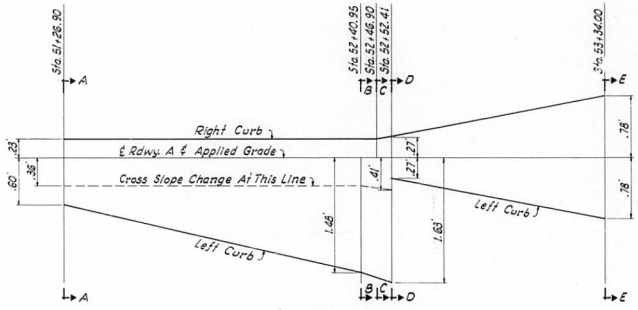
DESIGNED BY PMR
DRAWN BY GBRTZ
CHECKED BY PMR
APPROVED BY K.A.

Rev. Reinf. from 23,260# to 24,120# Added bars 35x 6-3-66 N.R.F.
Added shear conn. in B. of M.

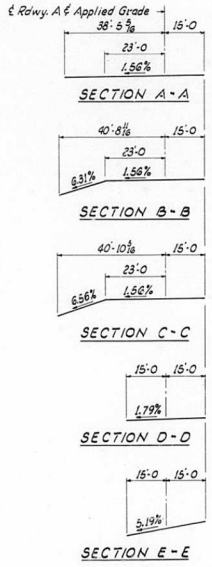
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	89
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

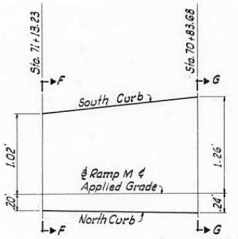


GEOMETRIC LAYOUT



RDWY. A CROSS SLOPE TRANSITION





RAMP M CROSS SLOPE TRANSITION

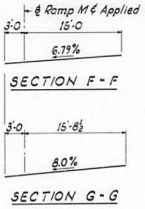


TABLE OF FASCIA DIMENSIONS

LOCATION	SPAN	GIRDER A1 A	GIRDER A1 B Min.	GIRDER A1 B Max.	GIRDER A1 C	GIRDER A2 A	GIRDER A2 B Min.	GIRDER A2 B Max.	GIRDER A2 C
ROADWAY A	A1 thru A4	3'-5½	1"	2½	1'-1¼	3'-4⅞	⅜	2½	1'-0⅜
	A5 thru A7	3'-5½	⅛	2	1'-1⅛	3'-4⅞	1⅛	2	1'-0⅜
	A8 thru A10	3'-5½	½	1½	1'-1⅛	3'-4⅞	1⅛	2⅜	1'-0⅜
	A11	3'-5½	⅜	3	1'-1⅛	3'-4⅞	1	3⅜	1'-0⅜
	A12 thru A14	3'-5½	⅜	1½	1'-1⅛	3'-4⅞	1¼	2⅜	1'-0⅜
	A15 thru A17	3'-5½	⅜	1½	1'-1⅛	3'-4⅞	1⅜	2⅜	1'-0⅜
	A18 thru A20	3'-5½	½	1⅜	1'-1⅛	3'-4⅞	¼	2⅜	1'-0⅜
	A21 thru A24	3'-3⅜	¼	2	1'-0¼	3'-4¼	¼	1⅝	1'-0⅜
		GIRDER D1				GIRDER D2			
ROADWAY D	D1 thru D4	3'-3⅜	⅛	1⅜	1'-0⅜	3'-4⅜	1	1⅜	1'-0⅜
	D5 thru D7	3'-3⅜	¼	⅜	1'-0⅜	3'-4⅜	⅜	1½	1'-0⅜
	D8 thru D10	3'-4⅜	⅛	2⅜	1'-1⅜	3'-4⅜	¼	1½	1'-0⅜
	D11	3'-4⅜	⅜	2⅜	1'-1⅜	3'-4⅜	1⅜	3⅜	1'-0⅜
	D12 thru D14	3'-4⅜	¼	1⅜	1'-1⅜	3'-4⅜	1¼	2⅜	1'-0⅜
	D15 thru D17	3'-4⅜	⅜	1⅜	1'-1⅜	3'-4⅜	1⅜	2⅜	1'-0⅜
	D18 thru D20	3'-4⅜	1	1⅜	1'-1⅜	3'-4⅜	2⅜	2½	1'-0⅜
	D21	3'-4⅜	¼	2⅜	1'-1⅜	3'-4⅜	1⅜	3⅜	1'-0⅜
	D22 thru D25	3'-4⅜	¼	2⅜	1'-1⅜	3'-4¼	1	2⅜	1'-0⅜
	D26 thru D27	3'-3⅜	¼	1½	1'-0⅜	3'-3⅜	1½	2⅜	1'-1⅜
	D28 thru D32	3'-3⅜	¼	1⅜	1'-0⅜	3'-3⅜	¼	1⅜	1'-1⅜
		GIRDER G1				GIRDER G2			
RDWY G	G1 thru G4	3'-5½	1⅛	1'-2		3'-3½	1	1⅜	1'-0
	G5 thru G8	3'-5½	1⅛	1'-2		3'-3½	1⅛	1⅜	1'-0
	G9 thru G11	3'-5½	¼	1'-2		3'-3½	¼	1⅜	1'-0
	G12 & G13	3'-5½	1¼	2⅜	1'-2	3'-3½	¼	1⅜	1'-0
		GIRDER H1				GIRDER H2			
RDWY H	H1	3'-5⅜	¼	3⅜	1'-2¼	3'-4	¼	3½	1'-0¼
	H2 thru H4	3'-5⅜	1¼	2	1'-2¼	3'-4	1½	2¼	1'-0¼
		GIRDER M1				GIRDER M2			
RAMP M	M7 thru M9	3'-4½	1½	2½	1'-0⅜	3'-5	¼	1⅛	1'-1⅛
	M10 thru M12	3'-4½	1¼	2⅜	1'-0⅜	3'-5	⅜	3	1'-1⅜
	M13 thru A5-M	3'-4½	¼	1¼	1'-0⅜	3'-2⅜	¼	1½	11⅛
		GIRDER N1				GIRDER N2			
RAMP N	D11-N	3'-4⅜	⅜	3⅜	1'-1⅛	3'-4⅜	⅜	3⅜	1'-1⅛
	N1 thru N4	3'-3⅜	¼	1½	11⅜	3'-4⅜	¼	1⅜	1'-1⅛
		GIRDER O1				GIRDER O2			
RAMP O	O1 thru O3	3'-4⅜	1⅜	2⅜	1'-1⅜	3'-5⅜	¼	1⅜	1'-1⅜
	O4 thru O6	3'-4⅜	¼	2⅜	1'-1⅜	3'-5⅜	⅜	3	1'-1⅜
	O7	3'-4⅜	1⅜	3⅜	1'-1⅜	3'-3⅜	1½	2⅜	1'-0¼
	O8 thru O10	3'-3⅜	¼	2⅜	1'-2	3'-3⅜	¼	2⅜	1'-0¼
	O12 thru O14	3'-3½	1	2½	1'-2	3'-3⅜	¼	1⅜	1'-0¼
		GIRDER P1				GIRDER P2			
RAMP P	P4 thru P6	3'-4⅜	⅜	2⅜	1'-0⅜	3'-3⅜	¼	2	1'-2¼
	P7 thru P9	3'-4⅜	1⅜	2⅜	1'-0⅜	3'-3⅜	1⅜	2⅜	1'-2¼
	P10 thru P13	3'-4⅜	¼	1¼	1'-0⅜	3'-4⅜	⅜	2⅜	1'-0⅜
	P14	3'-5½	¼	3½	1'-2¼	3'-4⅜	¼	3⅜	1'-0⅜
	P15	3'-5½	2⅜	3⅜	1'-2¼	3'-4⅜	⅜	3⅜	1'-0⅜
RAMP Q		GIRDER Q1				GIRDER Q2			
	D26Q thru Q2	3'-4⅜	¼	1⅜	1'-1⅜	3'-3	⅜	1¼	11½
RAMP R		GIRDER R1				GIRDER R2			
	A21R thru R2	3'-5⅜	⅜	1⅜	1'-2¼	3'-3½	¼	1⅜	1'-0
	R3 thru O12	3'-5⅜	¼	1⅜	1'-2¼	3'-3½	¼	1⅜	1'-0
		GIRDER S1				GIRDER S2			
RAMP S	S1 thru S3	3'-4½	¼	1⅜	1'-1	3'-3	⅜	1⅜	11½
	S4 thru S7	3'-4½	⅜	2⅜	1'-1	3'-4½	¼	2⅜	1'-1
	S8 thru S10	3'-3½	⅜	1⅜	11⅜	3'-4½	¼	3	1'-1
	S16 thru S18	3'-3⅜	¼	1⅜	11⅜	3'-3⅜	¼	2⅜	1'-1⅜

Note:
For Notes And Misc. Details See Sh. № 35

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

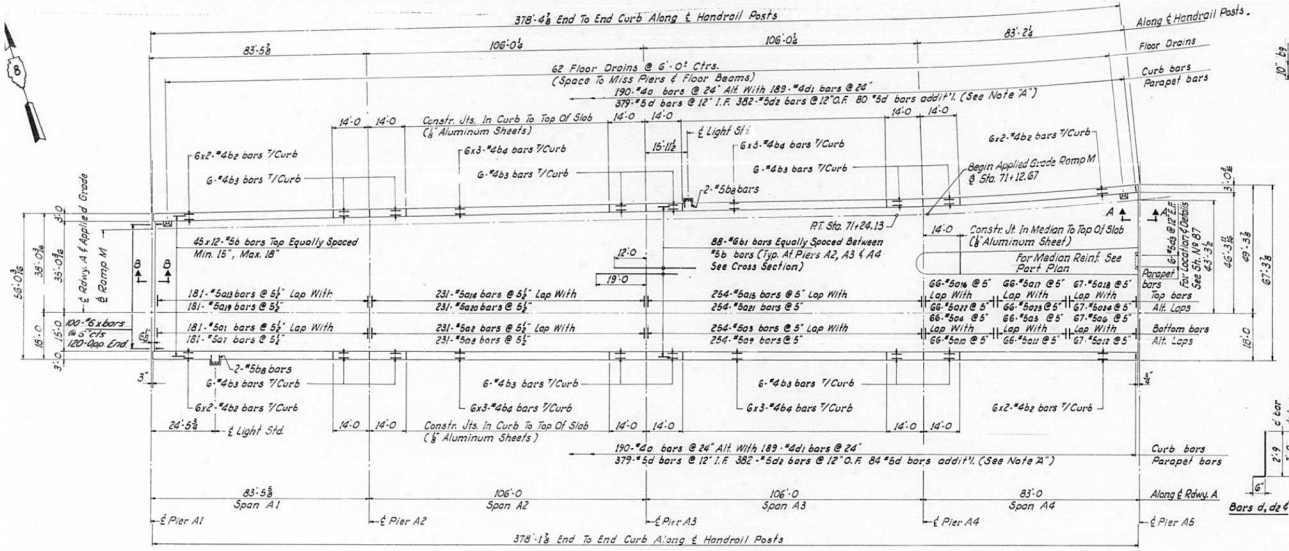
SLAB
DIMENSION PLAN — SPANS A1 THRU A4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 36 OF 526

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY W.J.F.
APPROVED BY F.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	90
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
37a	380	#4	3'-9	
37a1	181	#5	36'-0	
37a2	231	#5	37'-6	
37a3	254	#5	38'-10	
37a4	66	#5	39'-11	
37a5	66	#5	41'-0	
37a6	67	#5	42'-1	
37a7	181	#5	23'-8	
37a8	231	#5	24'-6	
37a9	254	#5	25'-4	
37a10	66	#5	25'-11	
37a11	66	#5	26'-7	
37a12	67	#5	27'-3	
37a13	181	#5	32'-9	
37a14	231	#5	33'-11	
37a15	254	#5	35'-2	
37a16	66	#5	36'-2	
37a17	66	#5	37'-2	
37a18	67	#5	38'-2	
37a19	181	#5	26'-0	
37a20	231	#5	26'-11	
37a21	254	#5	27'-11	
37a22	66	#5	28'-9	
37a23	66	#5	29'-6	
37a24	67	#5	30'-3	
37a25	13	#4	4'-4	
37a26	162	#4	2'-7	
37a27	57	#4	7'-6	
37a28	24	#4	8'-3	
37b	1644	#5	32'-6	
37b1	264	#6	31'-0	
37b2	48	#4	35'-0	
37b3	72	#4	13'-9	
37b4	72	#4	26'-7	
37b5	8	#4	12'-3	
37b6	1	#4	13'-8	
37b7	19	#4	34'-10	
37b8	4	#5	3'-8	
37b9	369	#4	2'-5	
37b10	24	#4	31'-6	
37d	922	#5	3'-3	
37d1	378	#4	1'-1	
37d2	764	#5	3'-6	
37d3	12	#5	4'-9	
37x	220	#6	4'-9	

• See Note "X" Sh. No 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	637.6
Reinforcement Bars	Lbs.	195,740
Protective Coat	Sq. Yds.	2774

Notes:
For Notes And Misc. Details See Sh. No 35
For Sections A-A & B-B See Sh. No 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A1 THRU A4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

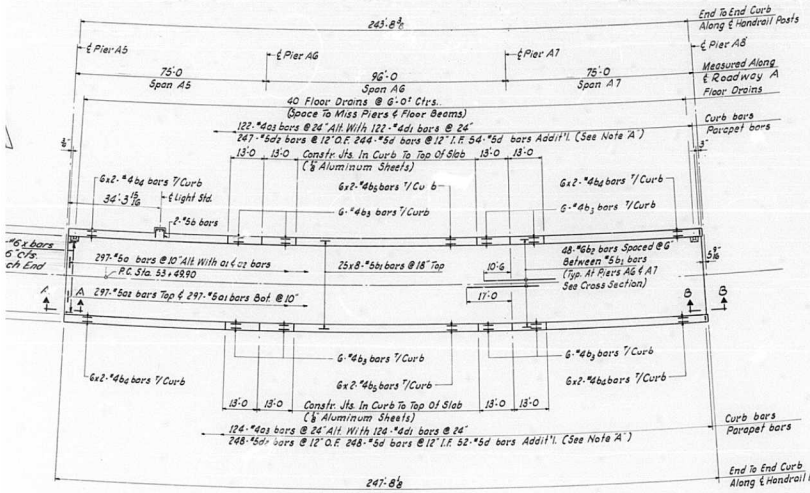
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 37 OF 516

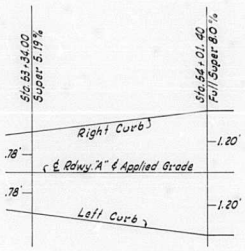
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 194,170# to 195,740# Added bars 37x. 6-3-66 N.R.F.

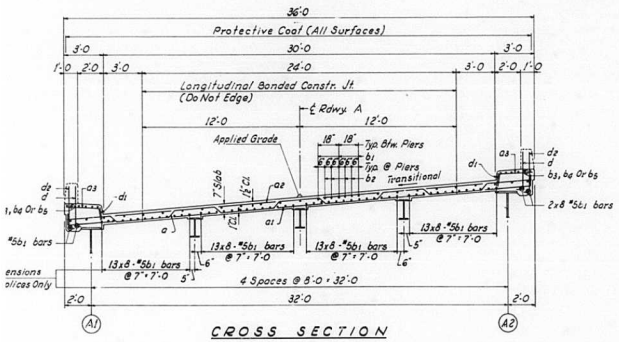
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	91
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



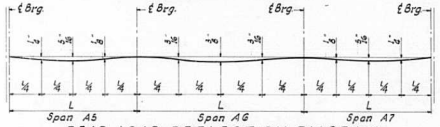
PLAN
SPANS A5 THRU A7



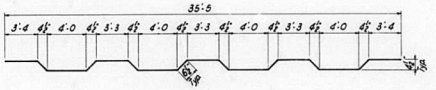
RDWY. "A" CROSS SLOPE TRANSITION



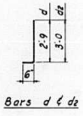
CROSS SECTION

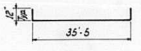


DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)











BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
38a	297	#5	36'-9	
38a1	297	#5	37'-5	
38a2	297	#5	35'-5	
38a3	246	#4	3'-9	
38b	2	#5	3'-8	
38b1	648	#5	31'-9	
38b2	96	#5	27'-6	
38b3	48	#4	12'-9	
38b4	48	#4	31'-8	
38b5	24	#4	35'-9	
38d	598	#5	3'-3	
38d1	246	#4	1'-1	
38d2	495	#5	3'-6	
38x	120	#6	4'-9"	

• See Note X Sh. Nº 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	252.6
Reinforcement Bars	Lbs.	66,850
Protective Coat	Sq. Yds.	1091

Notes:
For Notes And Misc. Details See Sh. Nº 35
For Sections A-A & B-B See Sh. Nº 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A5 THRU A7
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

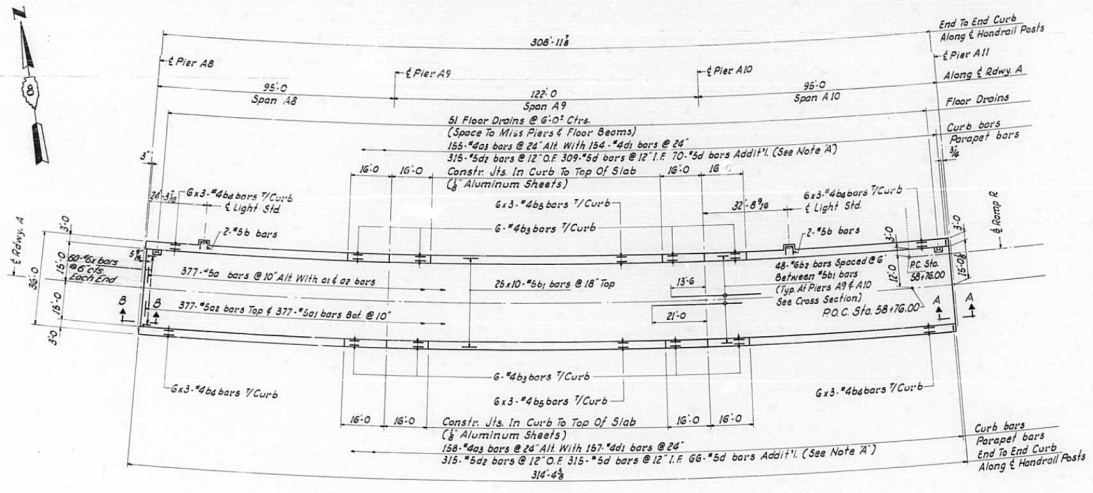
F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

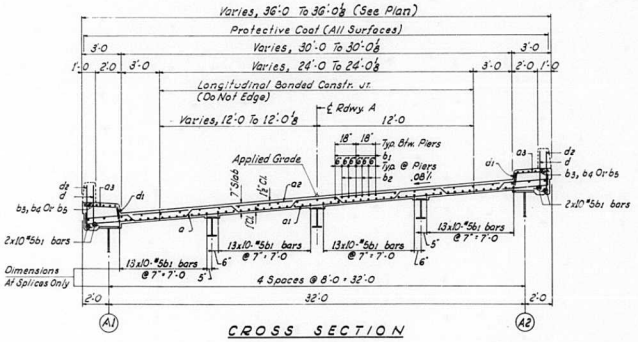
SHEET 38 OF 526

...of from 66,000" to 66,860" Added bars 38x 6-3-66 N.R.F.

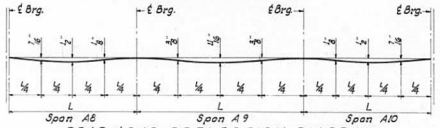
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82—3HVD—1	ST. CLAIR	258	92
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



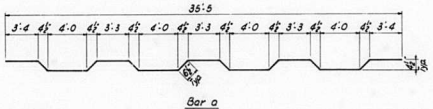
PLAN
SPANS A8 THRU A10



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



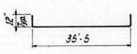
Bar a



Bar b



Bars d & d2



Bar a1



Bar a3

BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
39 a	377	#5	36'-9	
39 a1	377	#5	37'-5	
39 a2	377	#5	35'-5	
39 a3	313	#4	3'-9	
39 b	4	#5	3'-8	
39 b1	810	#5	32'-5	
39 b2	96	#6	34'-6	
39 b3	48	#4	15'-9	
39 b4	72	#4	27'-2	
39 b5	36	#4	30'-11	
39 d	760	#5	3'-3	
39 d1	311	#4	1'-1	
39 d2	630	#5	3'-6	
39 x	120	#6	4'-9	
• See Note X Sh. № 35				

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	320.5
Reinforcement Bars	Lbs.	84770
Protective Coat	Sq. Yds.	1384

Notes:
For Notes And Misc. Details See Sh. № 35
For Sections A-A & B-B See Sh. № 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A8 THRU A10
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

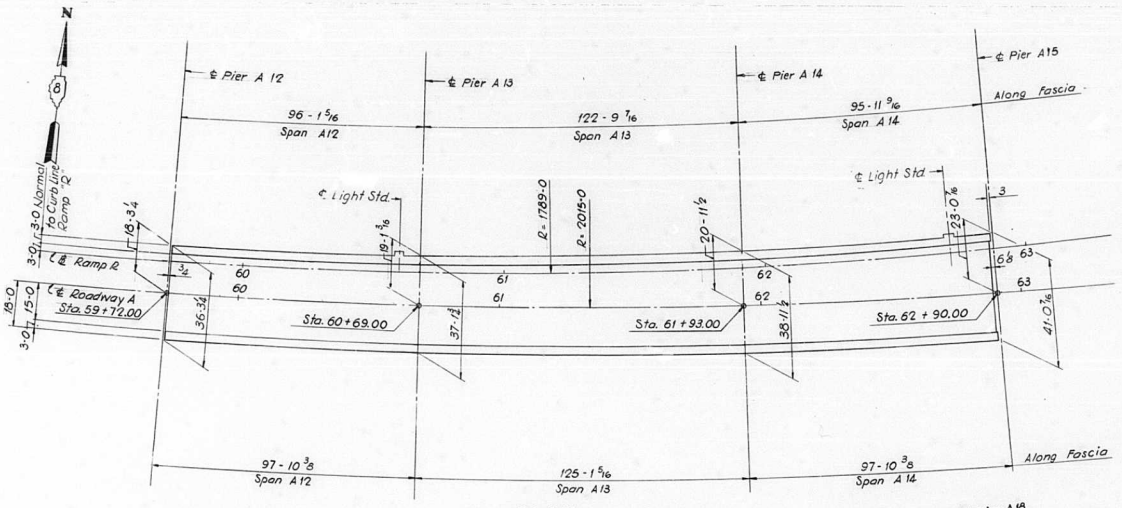
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 39 OF 526

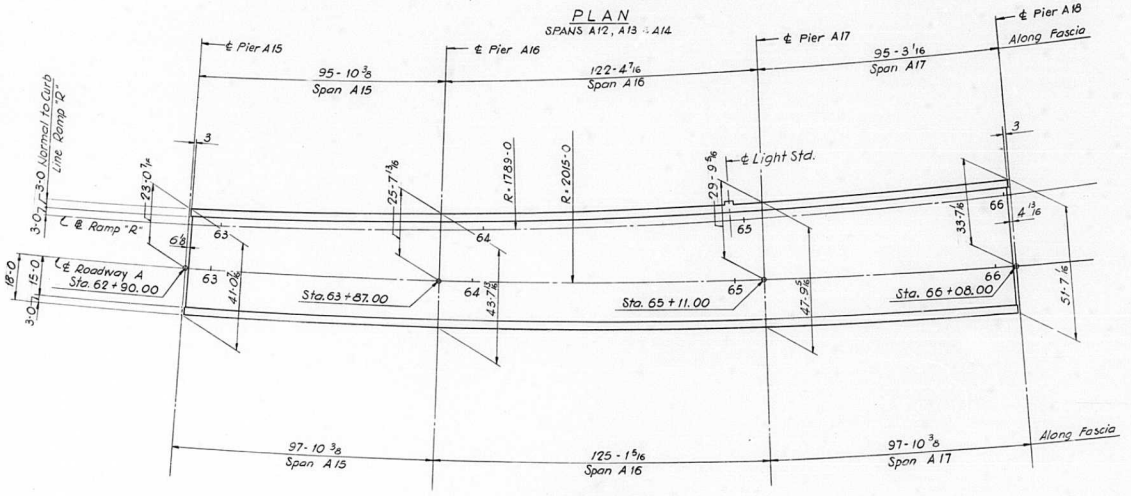
DESIGNED BY RMP
DRAWN BY GBRTZ
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 83,910# to 84,770#. Added bars 39x. 6-3-66. N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82–3HVD–1	ST. CLAIR	258	93
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
SPANS A12, A13 & A14



PLAN
SPANS A15, A16 & A17

DESIGNED BY E.M.R.
DRAWN BY K.R.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

DIMENSION PLAN — SPANS A12 THRU A17

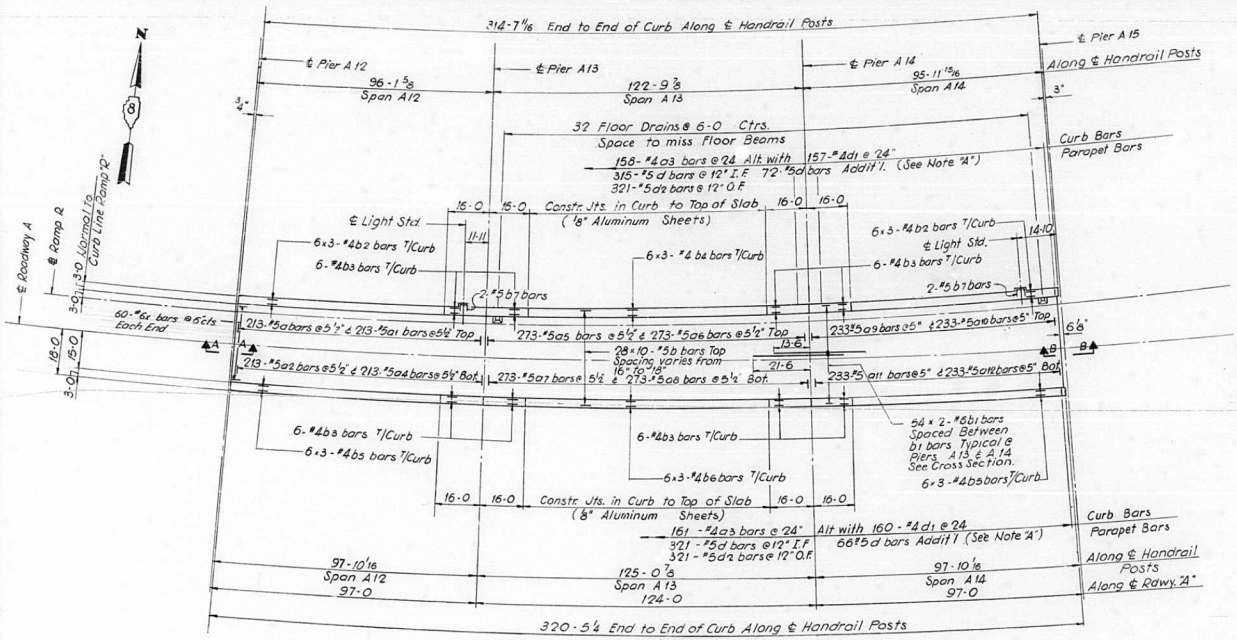
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A" AND RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

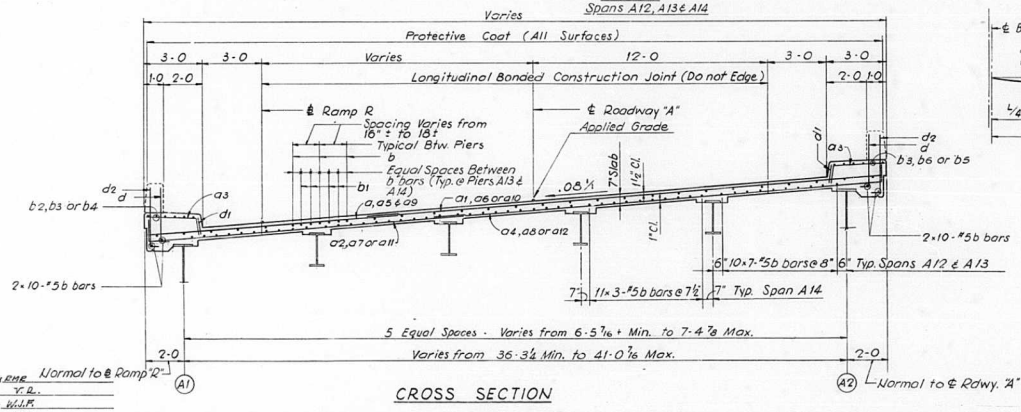
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
40 of 526

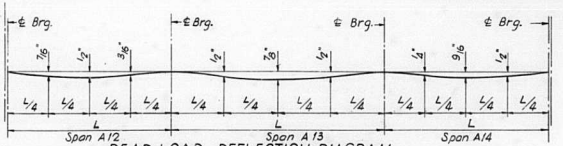
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	94
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Spans A12, A13 & A14



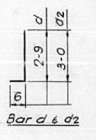
CROSS SECTION

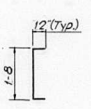


DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. of Concrete Only)

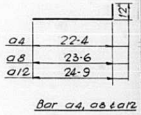
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
41 a	213	#5	12-6	——
41 a1	213	#5	25-7	——
41 a2	213	#5	15-10	——
41 a3	319	#4	3-9	⌐
41 a4	213	#5	23-4	——
41 a5	273	#5	13-0	——
41 a6	273	#5	27-0	——
41 a7	273	#5	16-6	——
41 a8	273	#5	24-6	——
41 a9	233	#5	13-7	——
41 a10	233	#5	28-4	——
41 a11	233	#5	17-4	——
41 a12	233	#5	25-9	——
41 b	835	#5	33-0	——
41 b1	108	#6	35-0	——
41 b2	36	#4	27-4	——
41 b3	48	#4	15-9	——
41 b4	18	#4	31-0	——
41 b5	36	#4	27-11	——
41 b6	18	#4	31-9	——
41 b7	4	#5	3-8	[
41x	120	#6	4-9	⌐
41 d	774	#5	3-3	⌋
41 d1	317	#4	1-1	——
41 d2	642	#5	3-6	⌋
• See Note X Sh. No. 35				









ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	343.8
Reinforcement Bars	Lbs.	104690
Protective Coat	Sq. Yds.	1489

Note:
For Notes & Misc. Details See Sh. No. 35
For Sections A-A & B-B see Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A12 THRU A14
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

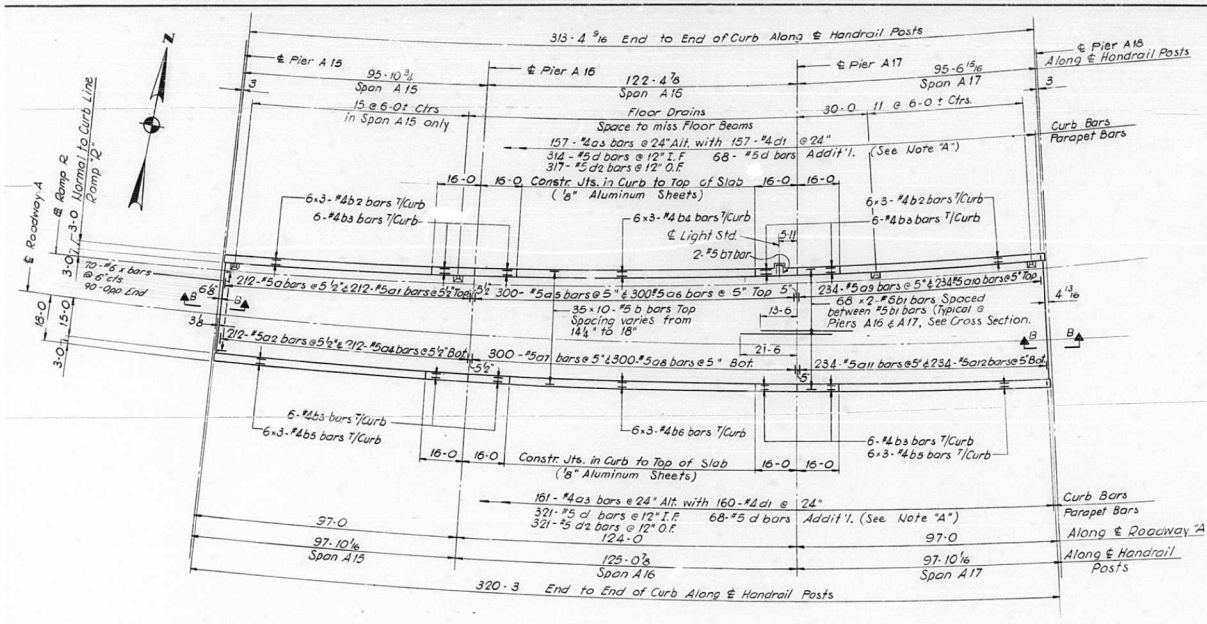
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 41 of 526

DESIGNED BY EME
DRAWN BY Y.R.
CHECKED BY W.H.P.
APPROVED BY K.A.

Rev. Reinf. from 103,830# to 104,690# Added bars 41x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVC-1	ST. CLAIR	258	95
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

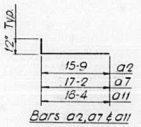


BILL OF MATERIAL

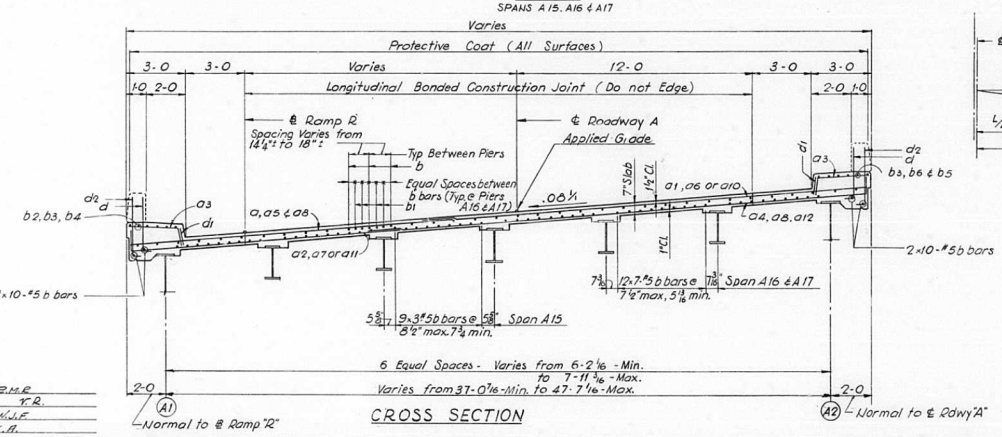
*BAR	No.	SIZE	LENGTH	SHAPE
42a	212	#5	19-1	—
42a1	212	#5	25-8	—
42a2	212	#5	16-9	⌊
42a3	318	#4	3-9	⌐
42a4	212	#5	29-0	—
42a5	300	#5	20-9	—
42a6	300	#5	28-1	—
42a7	300	#5	18-2	⌊
42a8	300	#5	31-9	—
42a9	234	#5	22-4	—
42a10	234	#5	30-4	—
42a11	234	#5	19-4	⌊
42a12	234	#5	34-3	—
42x	160	#6	4'-9"	⊏
42b	1056	#5	33-0	—
42b1	136	#6	35-0	—
42b2	36	#4	27-3	—
42b3	48	#4	15-9	—
42b4	18	#4	30-10	—
42b5	36	#4	27-11	—
42b6	18	#4	31-9	—
42b7	2	#5	3-8	[
42d	771	#5	3-3	J
42d1	317	#4	1-1	—
42d2	638	#5	3-6	J

*See Note "X" Sh. No. 35

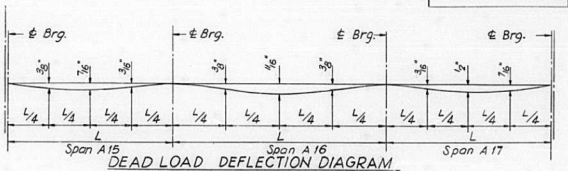
ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	397.3
Reinforcement Bars	Lbs.	130,040
Protective Coat	Sq. Yds.	1753



PLAN
SPANS A15, A16 & A17



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. of Concrete Only)

Note:
For Notes & Misc. Details See Sh. No. 35
For Sect. B-B See Sh. No. 363

DESIGNED BY E.H.R.
DRAWN BY T.R.
CHECKED BY W.J.L.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A15 THRU A17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

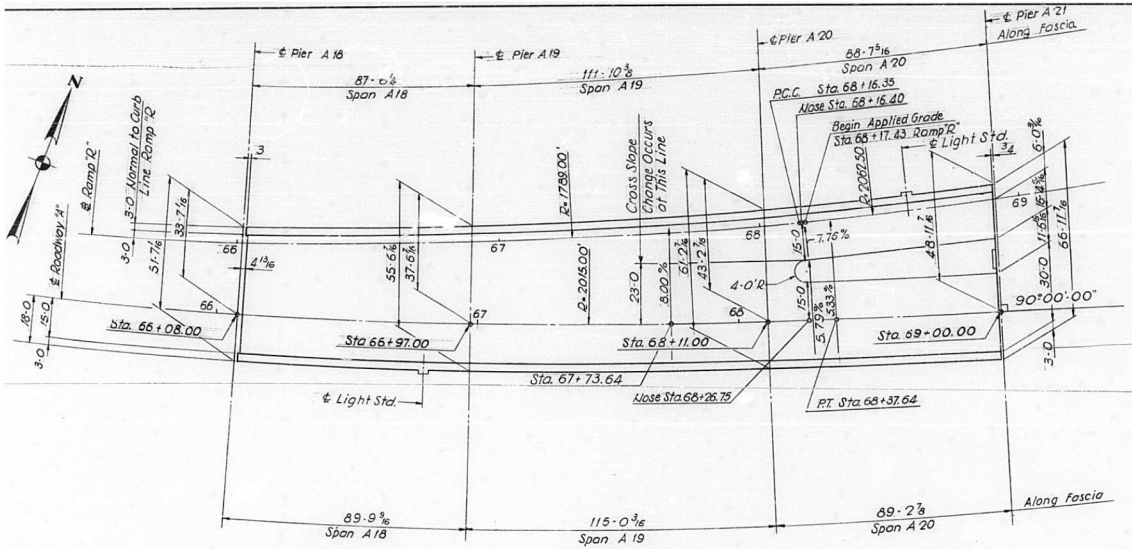
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

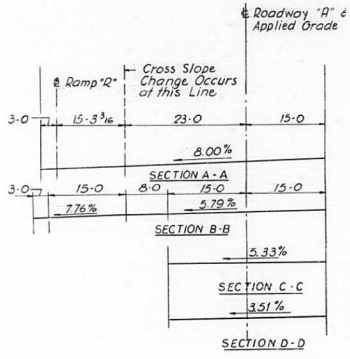
SHEET 42 OF 526

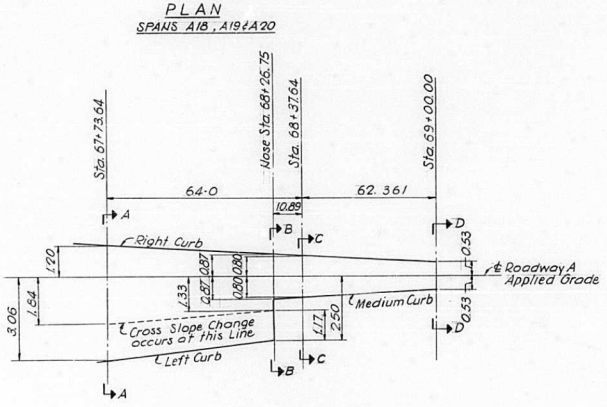
Rev. Reinf. from 128,900# to 130,040#. Added bars 42x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	268	96
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
SPANS A18, A19 & A20





ROADWAY "A" CROSS-SECTION
TRANSITION

W. R.M.P.
T. R.
Y. W.L.F.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

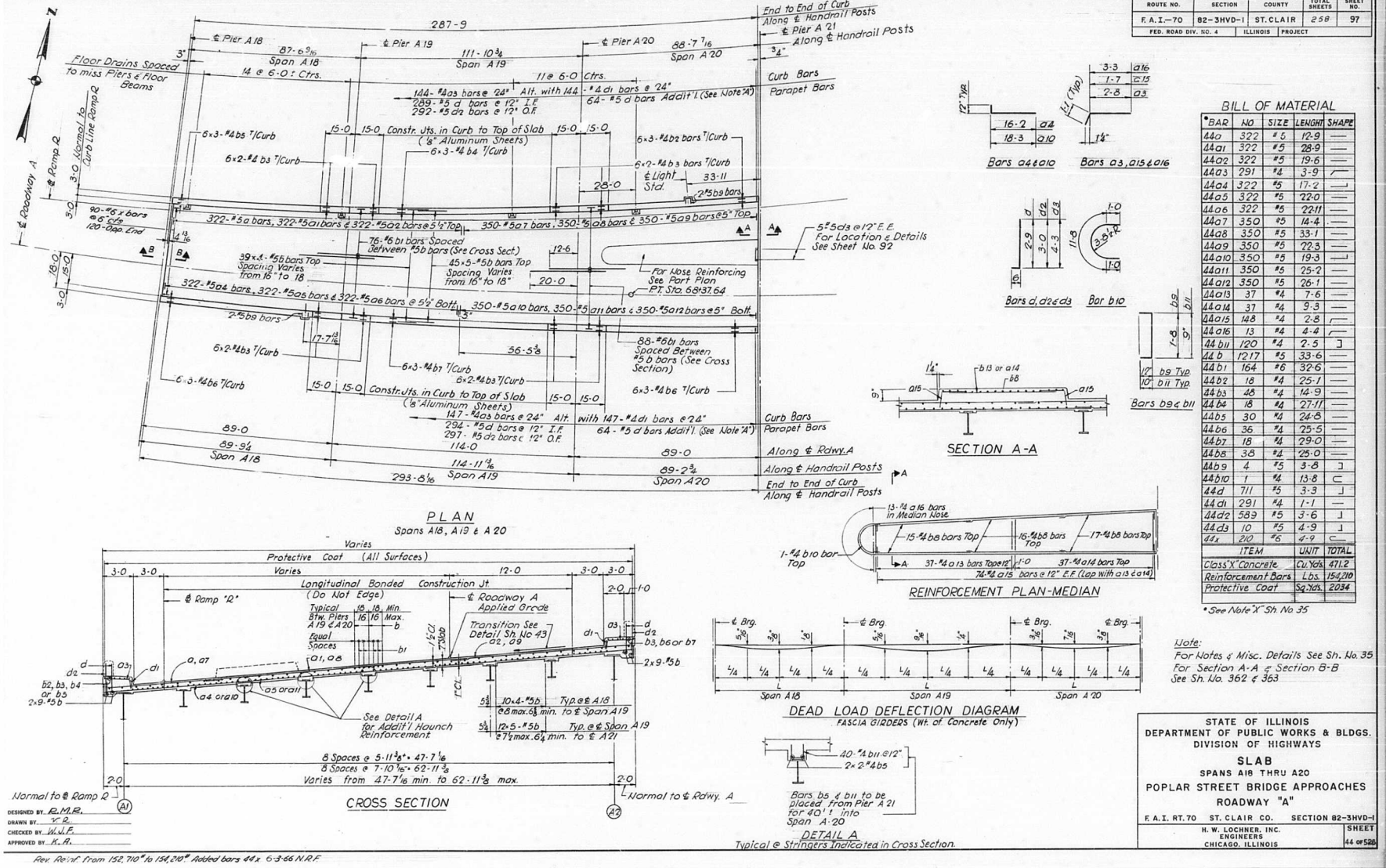
DIMENSION PLAN — SPANS A18 THRU A20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 43 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	97
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Spans A18, A19 & A20

CROSS SECTION

Bars a4 & a10 Bars a3, a15 & a16

Bars d, d2 & d3 Bar b10

Bars b9 & b11

SECTION A-A

REINFORCEMENT PLAN-MEDIAN

DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. of Concrete Only)

Bars b5 & b11 to be placed from Pier A21 for 40'-1" into Span A20

DETAIL A
Typical @ Stringers Indicated in Cross Section.

BILL OF MATERIAL

*BAR	NO	SIZE	LENGHT	SHAPE
44a	322	#5	12-9	—
44a1	322	#5	28-9	—
44a2	322	#5	19-6	—
44a3	291	#4	3-9	⌐
44a4	322	#5	17-2	⌐
44a5	322	#5	22-0	—
44a6	322	#5	22-11	—
44a7	350	#5	14-4	—
44a8	350	#5	33-1	—
44a9	350	#5	22-3	—
44a10	350	#5	19-3	⌐
44a11	350	#5	25-2	—
44a12	350	#5	26-1	—
44a13	37	#4	7-6	—
44a14	37	#4	9-3	—
44a15	148	#4	2-8	⌐
44a16	13	#4	4-4	⌐
44 b11	120	#4	2-5	⌋
44 b	1217	#5	33-6	—
44 b1	164	#6	32-6	—
44 b2	18	#4	25-1	—
44 b3	48	#4	14-9	—
44 b4	18	#4	27-11	—
44 b5	30	#4	24-8	—
44 b6	36	#4	25-5	—
44 b7	18	#4	29-0	—
44 b8	38	#4	25-0	—
44 b9	4	#5	3-8	⌋
44 b10	1	#4	13-8	⊂
44 d	711	#5	3-3	⌋
44 d1	291	#4	1-1	—
44 d2	589	#5	3-6	⌋
44 d3	10	#5	4-9	⌋
44 x	210	#6	4-9	⊂

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	471.2
Reinforcement Bars	Lbs.	154,210
Protective Coat	Sq. Yds.	2034

* See Note "X" Sh. No 35

Note:
For Notes & Misc. Details See Sh. No. 35
For Section A-A & Section B-B See Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A18 THRU A20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

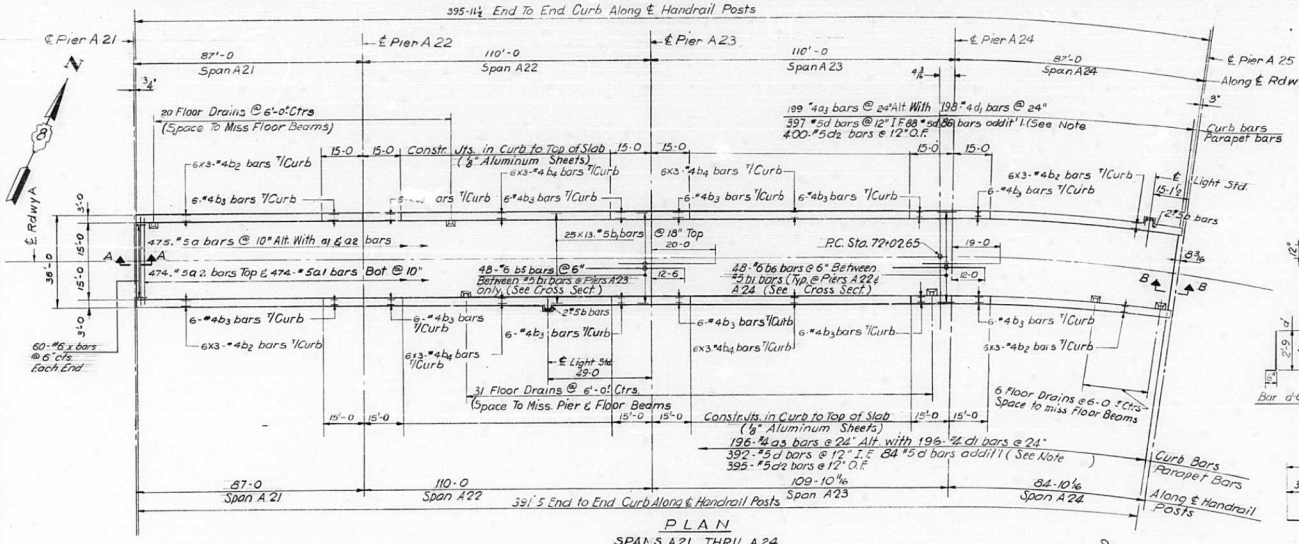
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 44 OF 526

DESIGNED BY R.M.R.
DRAWN BY Y.R.
CHECKED BY W.W.F.
APPROVED BY K.A.

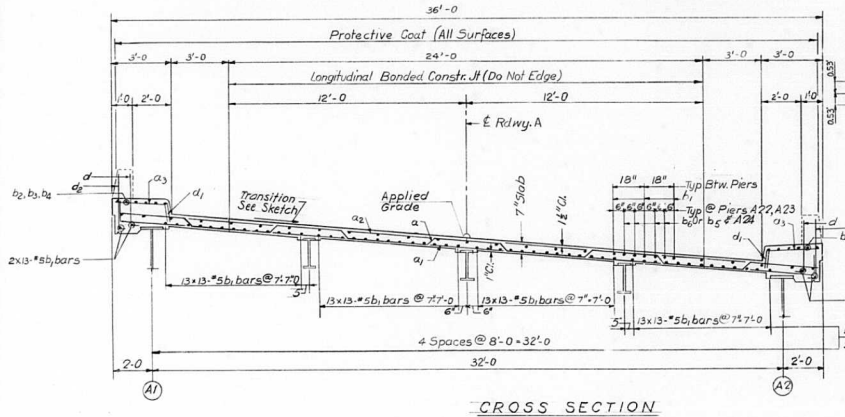
Rev. Reinf. from 152,710# to 154,210#. Added bars 44x 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82–3HVD–1	ST. CLAIR	258	98
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

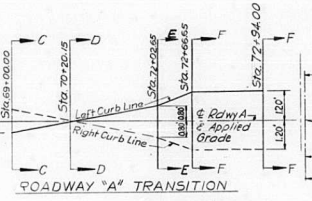


PLAN

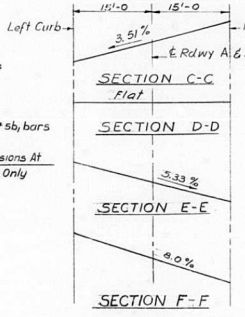
SPANS A21 THRU A24

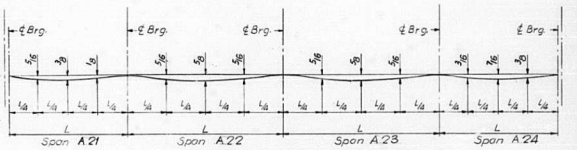


CROSS SECTION



ROADWAY "A" TRANSITION

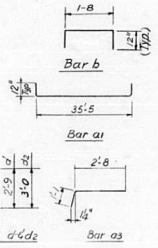


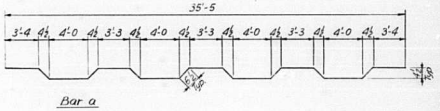


DEAD LOAD DEFLECTION DIAGRAM

FASCIA GIRDERS

(Wt. Of Concrete Only)





BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
45a	475	#5	36-9	
45a1	474	#5	37-5	
45a2	474	#5	35-5	
45a3	395	#4	3-9	
45b	4	#5	3-8	
45b1	1053	#5	31-6	
45b2	72	#4	24-8	
45b3	72	#4	14-9	
45b4	72	#4	27-4	
45b5	48	#6	32-6	
45b6	96	#6	31-0	
45d	959	#5	3-3	
45d1	394	#4	1-1	
45d2	795	#5	3-6	
45x	120	#6	4-9	

• See Note 'X' Sh. No 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds	402.8
Reinforcement Bars	Lbs.	107,140
Protective Coat	Sq. Yds	1747

Note:

For Notes and Misc. Details See Sheet No. 35

For Sect. A-A & Sect. B-B See Sheet No. 362 & 363

DESIGNED BY R.M.R.
DRAWN BY D.T.
CHECKED BY W.J.P.
APPROVED BY K.A.

Rev. Reinf. from 105,280# to 107,140#. Added bars 45x 6-3-66 N.R.F.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS A21 THRU A24

POPLAR STREET BRIDGE APPROACHES

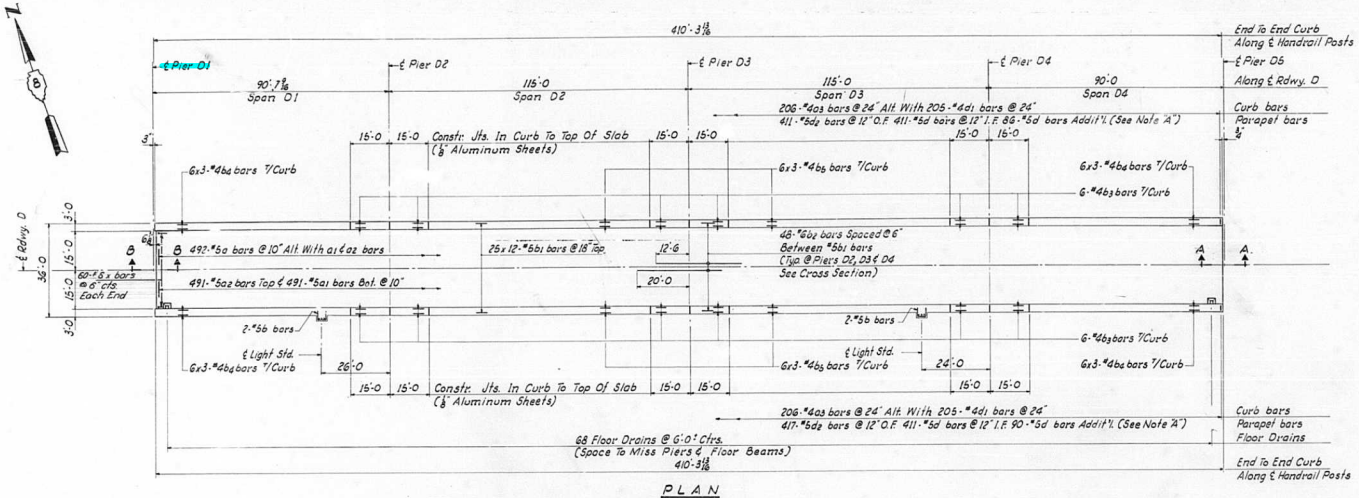
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

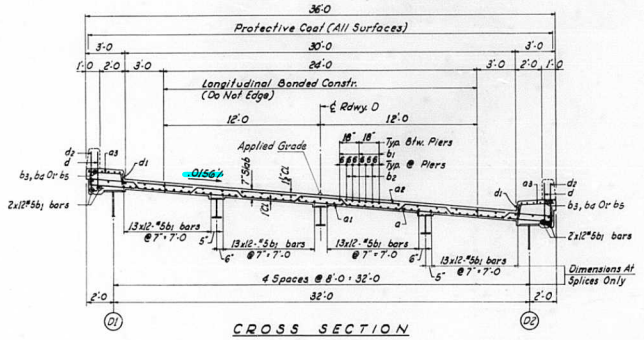
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 45 OF 526

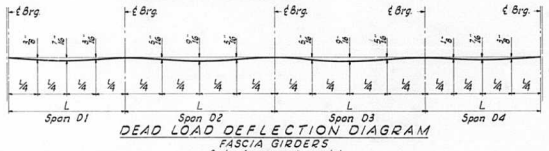
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	99
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



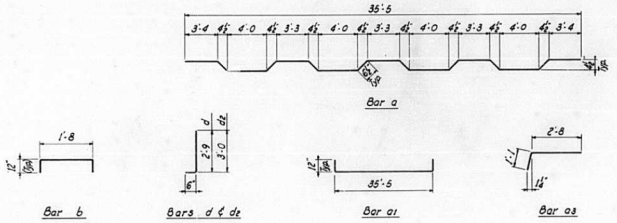
PLAN
SPANS D1 THRU D4



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
46a	492	#5	36'-9	
46a1	491	#5	37-5	
46a2	491	#5	35-5	
46a3	412	#4	3-9	
46b	4	#5	3-8	
46b1	972	#5	35-2	
46b2	144	#6	32-6	
46b3	72	#4	14-9	
46b4	72	#4	25-8	
46b5	72	#4	28-11	
46d	998	#5	3-3	
46d1	410	#4	1-1	
46d2	828	#5	3-6	
46x	120	#6	4'-9"	
• See Note X Sh. Nº 35				

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	419.5
Reinforcement Bars	Lbs.	110,780
Protective Coat	Sq. Yds.	1822

Notes:
For Notes And Misc. Details See Sh. Nº 35
For Sections A-A & B-B See Sh. Nº 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D1 THRU D4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

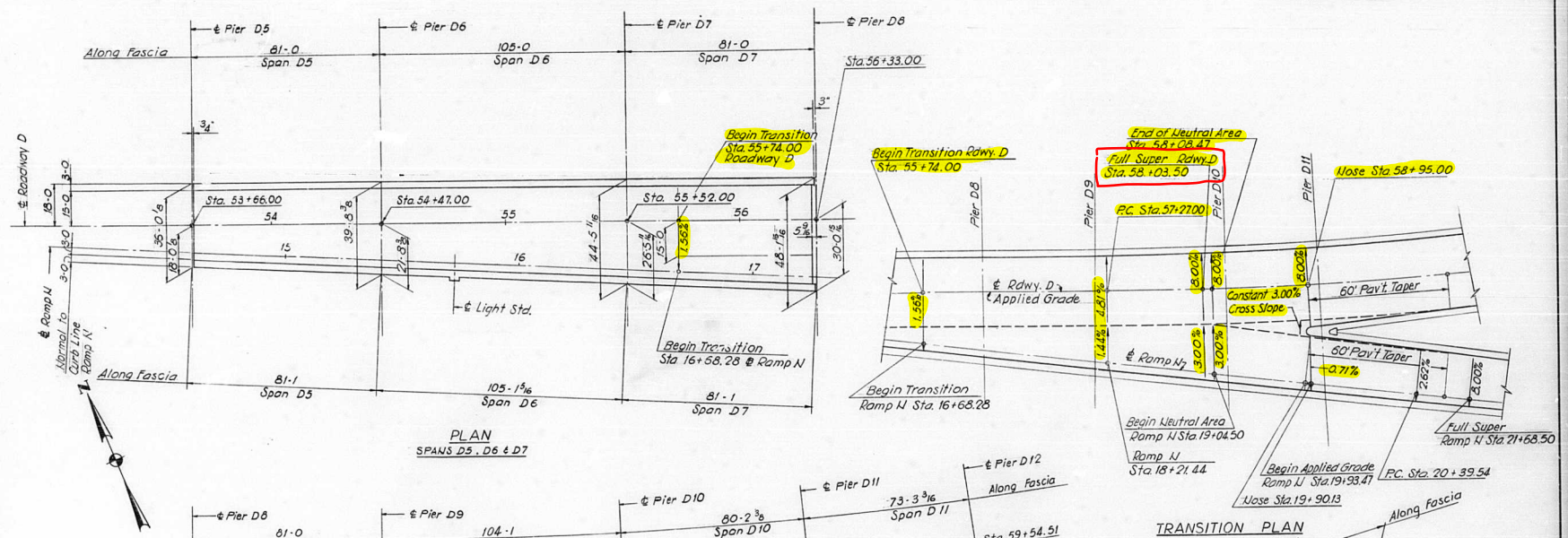
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

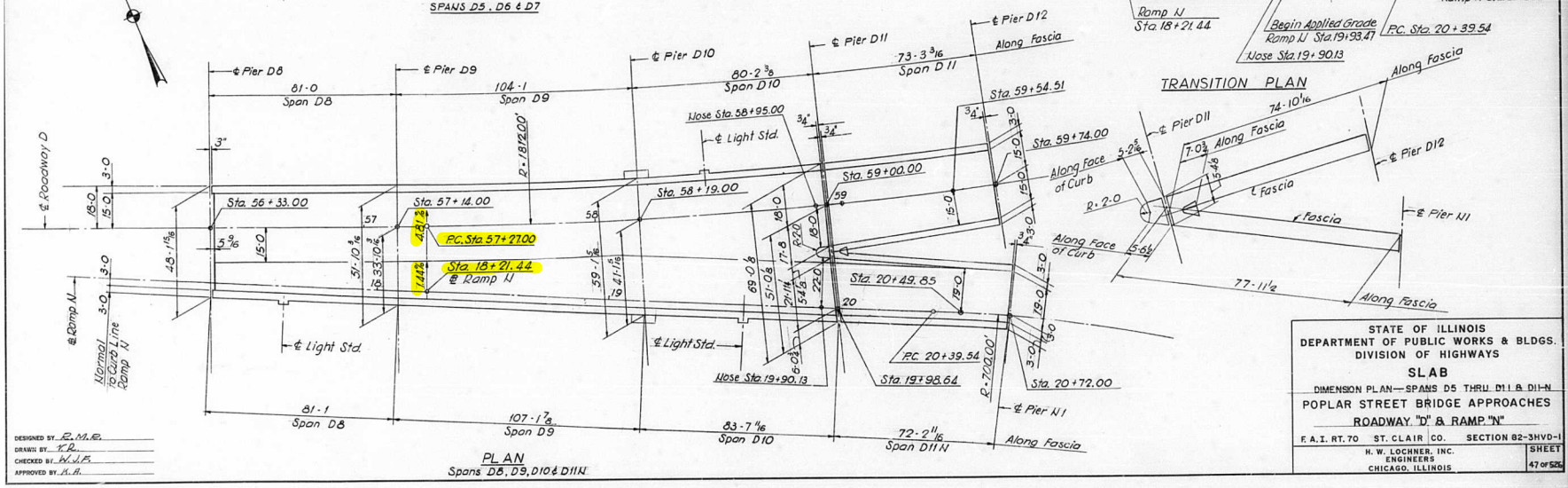
SHEET 46 OF 526

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY W.J.F.
APPROVED BY K.D.

Rev. Reinf. from 109,920# to 110,780#. Added bars 46x6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	100
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		





DESIGNED BY R.M.R.
DRAWN BY Y.D.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

DIMENSION PLAN — SPANS D5 THRU D11 & D11-N

POPLAR STREET BRIDGE APPROACHES

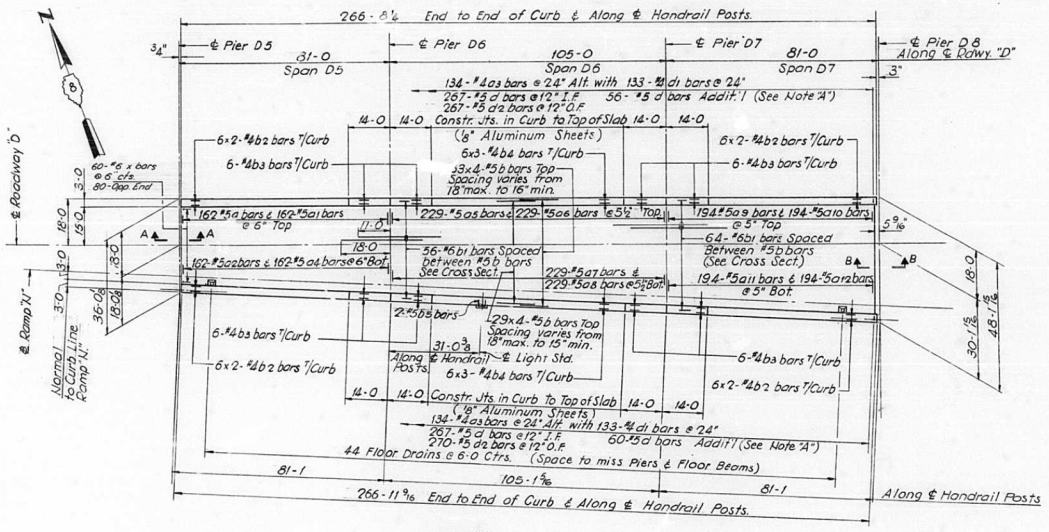
ROADWAY "D" & RAMP "N"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS

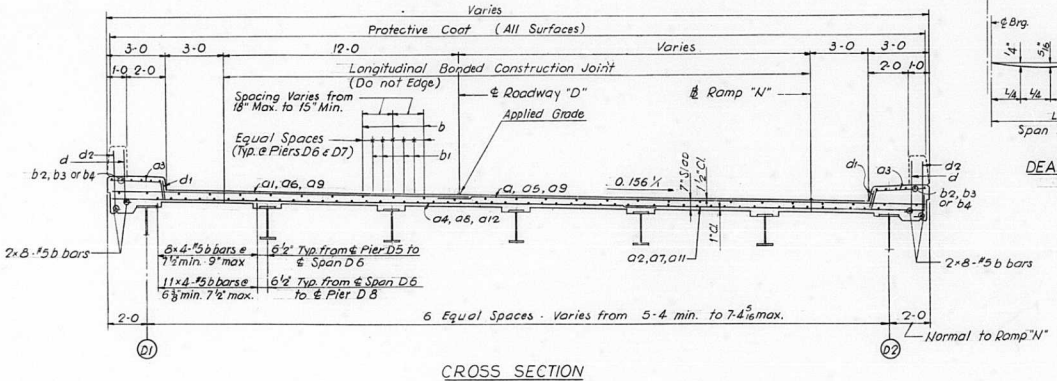
SHEET 47 OF 52

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I—70	82-3HVD-1	ST. CLAIR	258	101
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

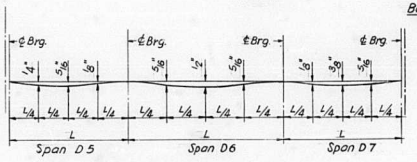


PLAN

Spans D5, D6 & D7

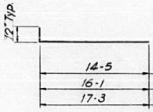


CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM

FASCIA GIRDERS (Wt. Of Concrete Only)



Bars a2, a7 & a11



Bar a3



Bars d & d2



Bar b5

BILL OF MATERIAL

*Bar	No	Size	Length	Shape
48 a	162	#5	23-3	—
48 a1	162	#5	17-4	—
48 a2	162	#5	15-5	⌟
48 a3	268	#4	3-9	⌜
48 a4	162	#5	26-4	—
48 a5	229	#5	26-1	—
48 a6	229	#5	19-6	—
48 a7	229	#5	17-1	⌟
48 a8	229	#5	29-6	—
48 a9	194	#5	28-3	—
48 a10	194	#5	20-11	—
48 a11	194	#5	18-3	⌟
48 a12	194	#5	31-11	—
48 b	736	#5	34-2	—
48 b1	120	#6	29-0	—
48 b2	48	#4	33-11	—
48 b3	48	#4	13-9	—
48 b4	36	#4	26-3	—
48 b5	2	#5	3-8	⌋
48 d	650	#5	3-3	⌋
48 d1	266	#4	1-1	—
48 d2	537	#5	3-6	⌋
48 x	140	#6	4-9	⊏

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	311.3
Reinforcement Bars	Lbs.	35,670
Protective Coat	Sq. Yds.	1364

*See Note "X" Sh. No. 35

Note:
For Notes & Misc. Details See Sh. No. 35.
For Sect. A-A & Sect. B-B See Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D5 THRU D7
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

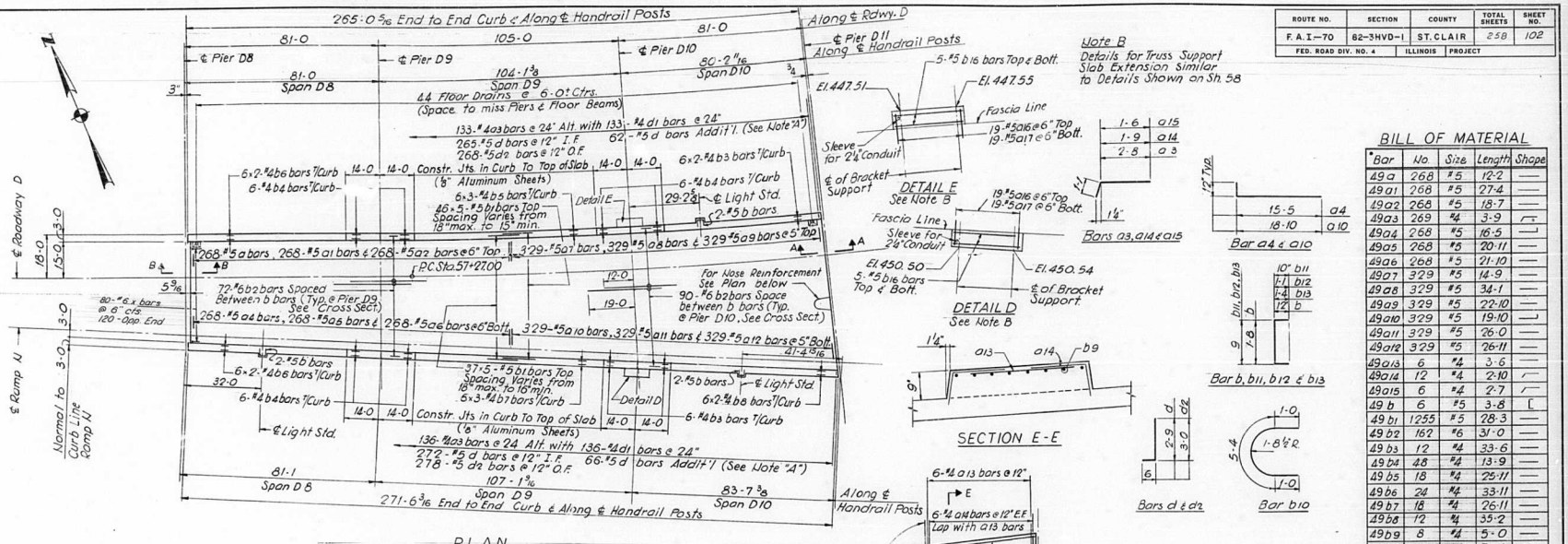
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 48 OF 526

DESIGNED BY R.M.R.
DRAWN BY K.R.
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 94,670# to 95,670# Added bars 48x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I—70	82-3HVD-1	ST. CLAIR	258	102
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

Spans D8, D9 & D10

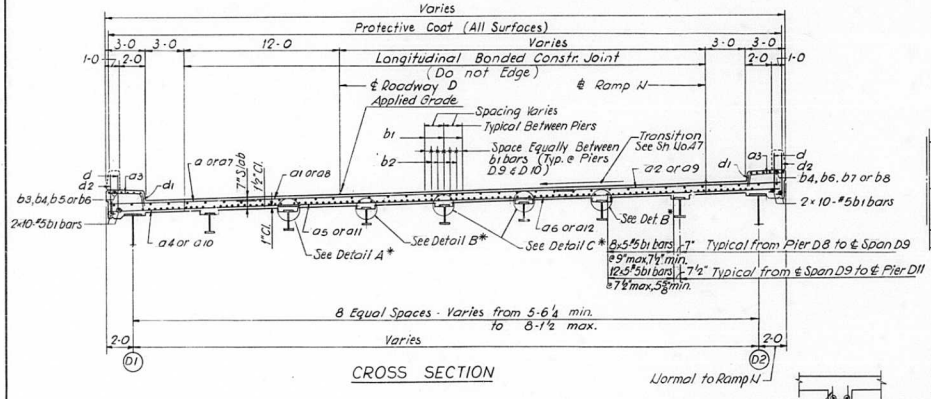
BILL OF MATERIAL

*Bar	No.	Size	Length	Shape
49 a	268	#5	12-2	—
49 a1	268	#5	27-4	—
49 a2	268	#5	18-7	—
49 a3	269	#4	3-9	⌐
49 a4	268	#5	16-5	⌐
49 a5	268	#5	20-11	—
49 a6	268	#5	21-10	—
49 a7	329	#5	14-9	—
49 a8	329	#5	34-1	—
49 a9	329	#5	22-10	—
49 a10	329	#5	19-10	⌐
49 a11	329	#5	26-0	—
49 a12	329	#5	26-11	—
49 a13	6	#4	3-6	—
49 a14	12	#4	2-10	⌐
49 a15	6	#4	2-7	⌐
49 b	6	#5	3-8	[
49 b1	1255	#5	28-3	—
49 b2	162	#6	31-0	—
49 b3	12	#4	33-6	—
49 b4	48	#4	13-9	—
49 b5	18	#4	25-11	—
49 b6	24	#4	33-11	—
49 b7	18	#4	26-11	—
49 b8	12	#4	35-2	—
49 b9	8	#4	5-0	—
49 b10	1	#4	7-4	⊂
49 b11	550	#4	2-5	[
49 b12	164	#4	2-11	[
49 b13	164	#4	3-5	[
49 b14	26	#4	28-0	⊥
49 b15	32	#4	34-6	—
49 b16	20	#5	9-3	—
49 a16	38	#5	7-0	—
49 a17	38	#5	3-6	—
49 d	665	#5	3-3	⌋
49 d1	269	#4	1-1	—
49 d2	546	#5	3-6	⌋
49 x	200	#6	4-9	⊂

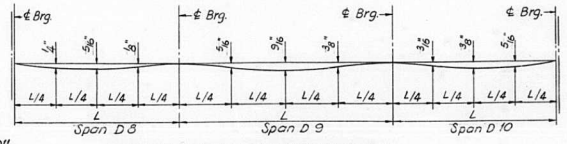
ITEM	UNIT	TOTAL
Class X Concrete	Cu.Yds.	403.7
Reinforcement Bars	Lbs.	139,080
Protective Coat	Sq.Yds.	1801

*See Note X Sh. No. 35

Note:
For Notes & Misc. Details see Sh. No. 35
For Sect. A-A & Sect. B-B see Sh. No. 362 & 363



CROSS SECTION

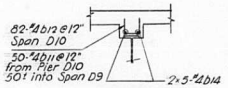


DEAD LOAD DEFLECTION DIAGRAM

FASCIA GIRDERS (Wt. Of Concrete Only)

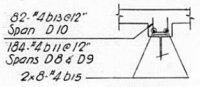
*Details A, B & C Show Additional Haunch Reinforcement within Limits Shown and at Stringers Indicated in Cross Sect. Stirup bars may be cut or placed on slant to provide 1½" min. Clearance to Top of Slab.

DETAIL A



DETAIL B

Typical @ Stringers Indicated in Cross Sect.



DETAIL C

Typical @ Stringers Indicated in Cross Sect.

DESIGNED BY R.M.R.
DRAWN BY T.R.
CHECKED BY W.J.F.
APPROVED BY K.B.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS D8 THRU D10

POPLAR STREET BRIDGE APPROACHES

ROADWAY "D"

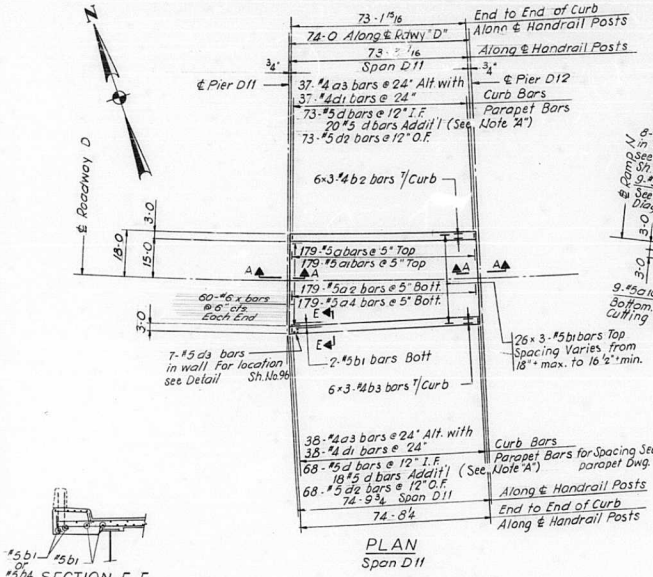
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

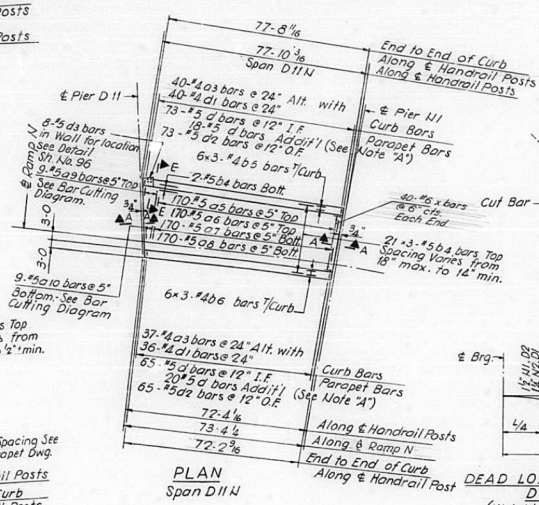
H. W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS

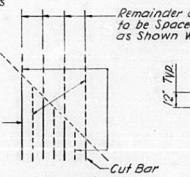
SHEET 49 OF 526

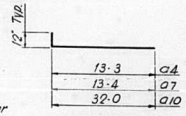
Rev. Reinf. from 137,650# to 139,080# Added bars 49 x 6-3-66 N.R.F.

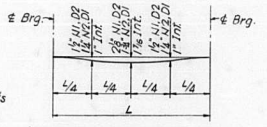
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	103
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

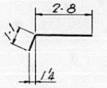


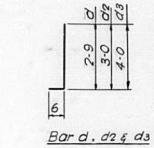










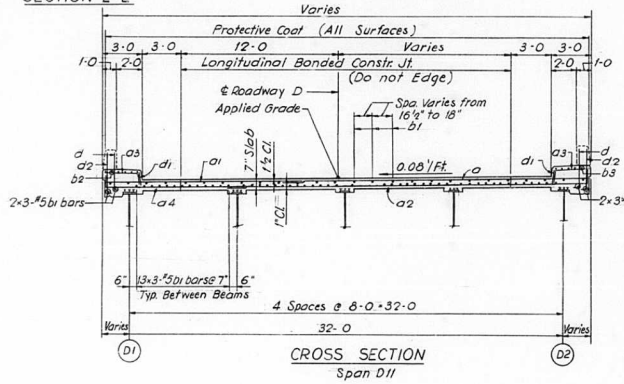


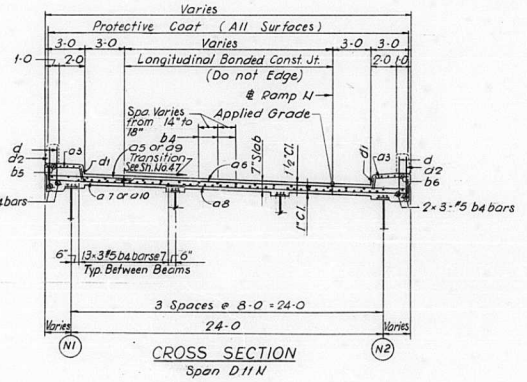
BILL OF MATERIAL

*Bar	NO. D11	NO. D11N	Size	Length	Shape
50a	179		#5	23-3	—
50a1	179		#5	17-3	—
50a2	179		#5	27-7	—
50a3	75	77	#4	3-9	/
50a4	179		#5	14-3	⌟
50a5		170	#5	9-4	—
50a6		170	#5	23-6	—
50a7		170	#5	14-4	⌟
50a8		170	#5	19-6	—
50a9		9	#5	32-0	—
50a10		9	#5	33-0	⌟
50b1	248		#5	25-9	—
50b2	18		#4	24-11	—
50b3	18		#4	25-6	—
50b4		194	#5	26-8	—
50b5		18	#4	26-3	—
50b6		18	#4	24-8	—
50d	179	174	#5	3-3	⌟
50d1	75	76	#4	1-1	—
50d2	141	136	#5	3-6	⌟
50d3	7	8	#5	4-6	⌟
50x	120	80	#6	4-9	⊂

*See Note "X" Sh No. 35

ITEM	UNIT	TOTAL D11	TOTAL D11N
Class "X" Concrete	Cu Yds	77.9	65.6
Reinforcement Bars	Lbs.	24,880	20,410
Protective Coat	Sq Yds.	336	275
3/4" Stud Shear Connectors	Each	2181	1791





Note:
For Notes & Misc. Details See Sh. No. 35
For Sect. A-A See Sh No. 362

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D11 AND D11N

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D" AND RAMP "N"

E.A.I. RT. 70 ST. CLAIR CO SECTION 82-3HVD-1

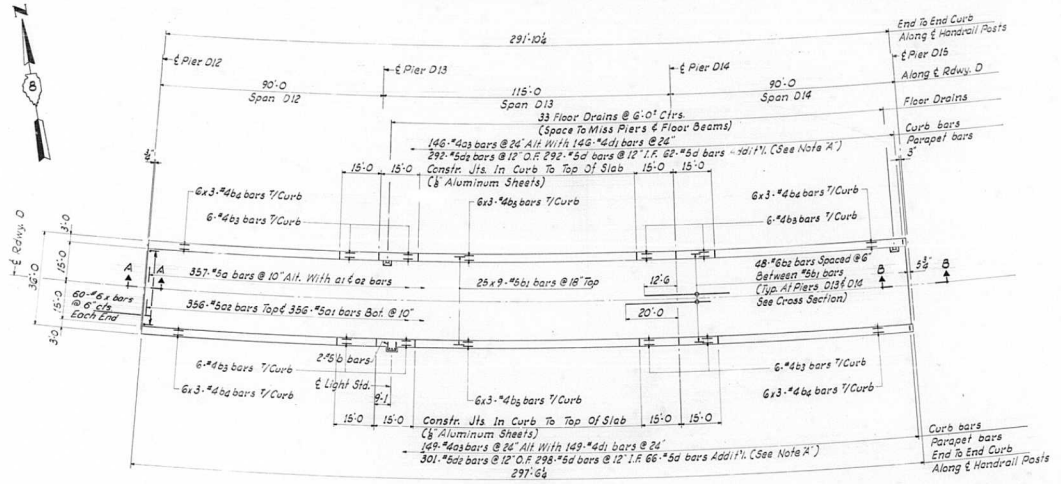
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 50 OF 525

DESIGNED BY R.M.R.
DRAWN BY V.R.
CHECKED BY W.J.F.
APPROVED BY K.A.

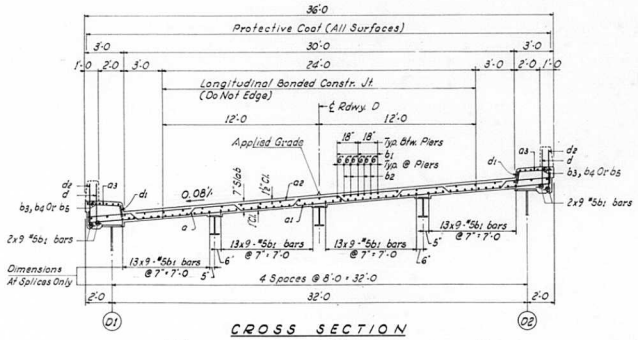
Rev. Reinf. from 19,880# to 18,140# Added bars 50x. 6-3-66 N.R.F.
Added shear conn. in S. of M.
REV. REINF. from 24,020 to 24,880 #

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I—70	82-3HVD-1	ST. CLAIR	258	104
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

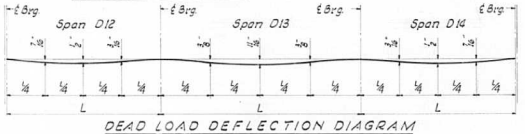


PLAN
SPANS D12 THRU D14

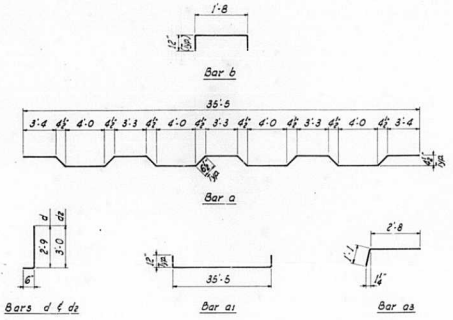
NOTE: ON SHEETS 104 OF 258 THRU SHEET 111 OF 258, REFERENCE TO SHEET NO. SHALL BE THE SHEET NO. SHOWN IN THE LOWER RIGHT CORNER.



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
51a	357	#5	36'-9	
51a1	356	#5	37'-5	
51a2	356	#5	35'-5	
51a3	295	#4	3'-9	
51b	2	#5	3'-8	
51b1	729	#5	33'-11	
51b2	96	#6	32'-6	
51b3	48	#4	14'-9	
51b4	72	#4	25'-10	
51b5	36	#4	29'-4	
51d	718	#5	3'-3	
51d1	295	#4	1'-1	
51d2	593	#5	3'-8	
51x	120	#6	4'-9"	

• See Note X Sh. Nº 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	302.5
Reinforcement Bars	Lbs.	60,040
Protective Coat	Sq. Yds.	1309

Notes:
For Notes And Misc. Details See Sh. Nº 35
For Sections A-A & B-B See Sh. Nº 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D12 THRU D14
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

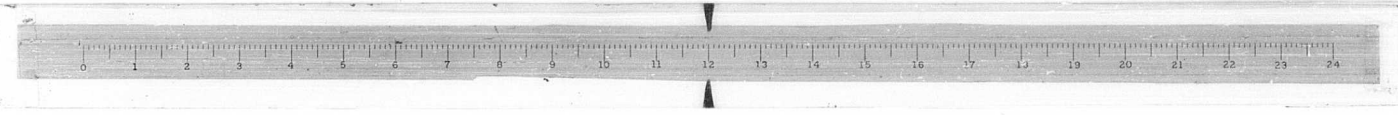
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 51 OF 536

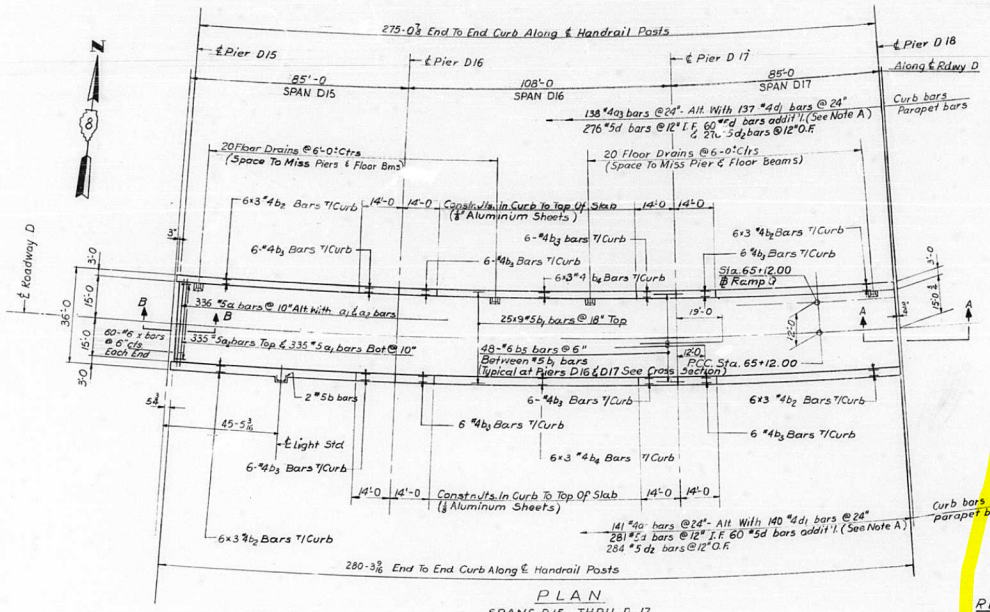
DESIGNED BY RMD
DRAWN BY GRETZ
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 79,160# to 80,040#. Added bars 51x. 6-3-66 N.R.F.

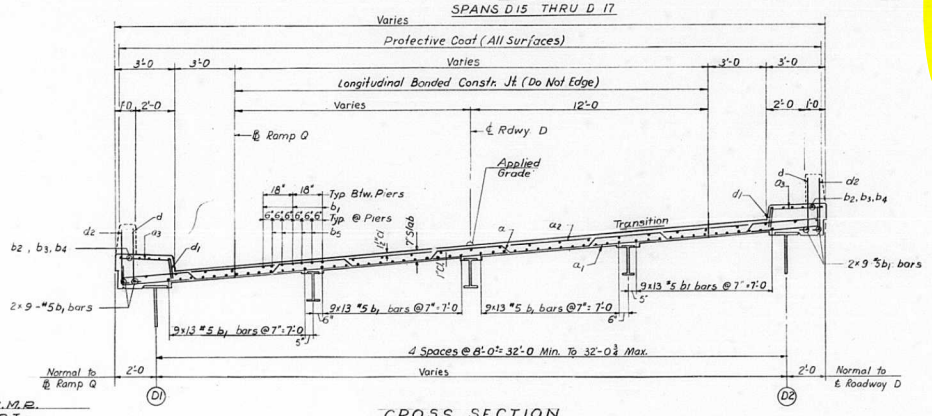
Rev. 6-13-67 Gen. Add. Note in Gus



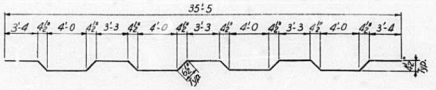
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	105
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



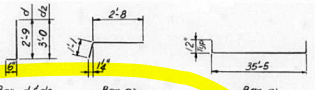
PLAN
SPANS D15 THRU D17

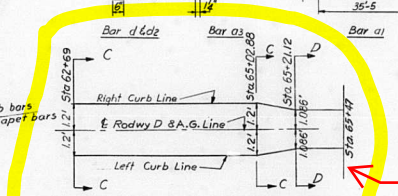


CROSS SECTION

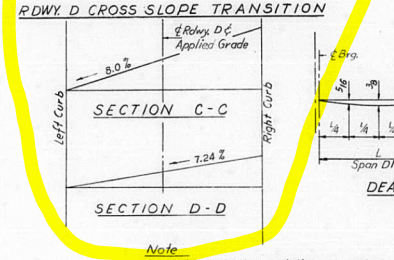




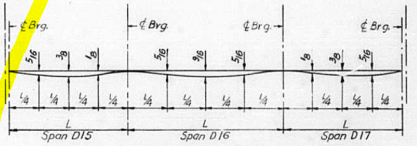




Pier D18



Note
For Notes and Misc. Details See Sh. No 35
For Sections A-A & B-B See Sh. No 362 & 363



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only).

BILL OF MATERIAL

• BAR	NO	SIZE	LENGTH	SHAPE
52a	336	#5	36-9	
52a1	335	#5	37-5	
52a2	335	#5	36-5	
52a3	279	#4	3-9	
52b	2	#5	3-8	
52b1	729	#5	32-0	
52b2	72	#4	24-3	
52b3	48	#4	13-9	
52b4	36	#4	27-8	
52b5	96	#6	31-0	
52d	677	#5	3-3	
52d1	277	#4	1-1	
52d2	560	#5	3-6	
52x	120	#6	4'9"	

• See Note X Sh. No 35

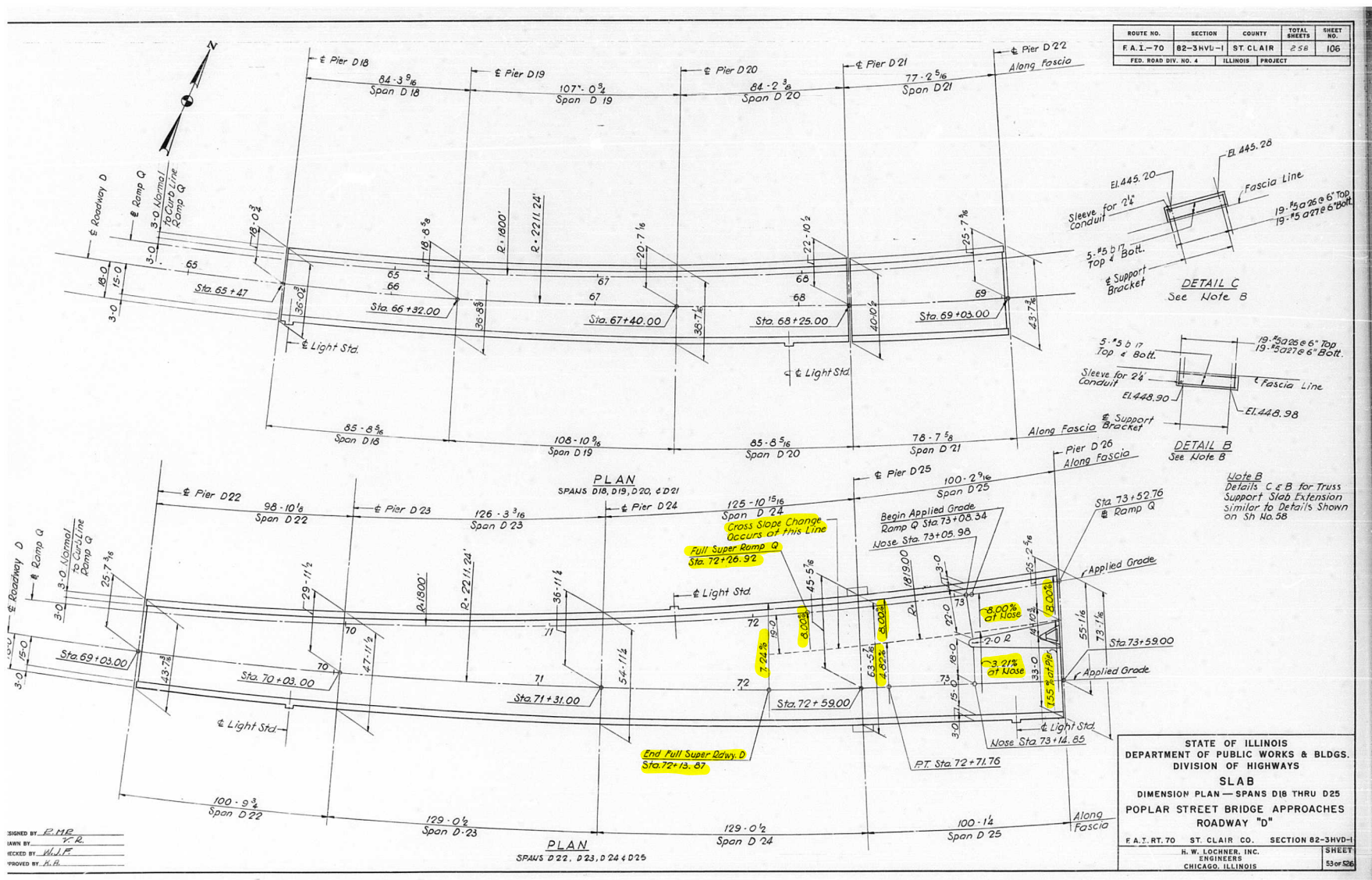
ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	285.7
Reinforcement Bars	Lbs.	75,860
Protective Coat	Sq. Yds.	1234

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
SLAB
SPANS D15 THRU D17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1
H. W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS
SHEET 52 of 526

DESIGNED BY R.M.R.
DRAWN BY D.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 75,000# to 75,860# Added bars 52x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	106
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



DESIGNED BY R.M.P.
DRAWN BY K.R.
CHECKED BY W.J.F.
APPROVED BY A.H.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

DIMENSION PLAN — SPANS D18 THRU D25

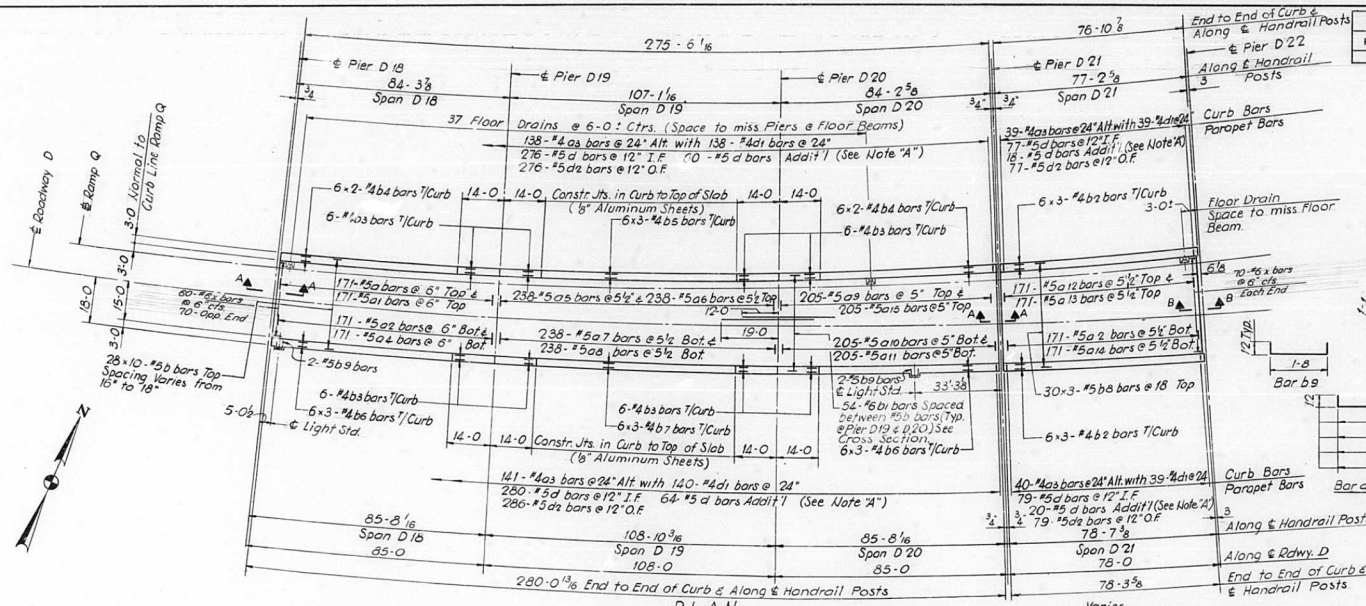
POPLAR STREET BRIDGE APPROACHES

ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 53 of 526



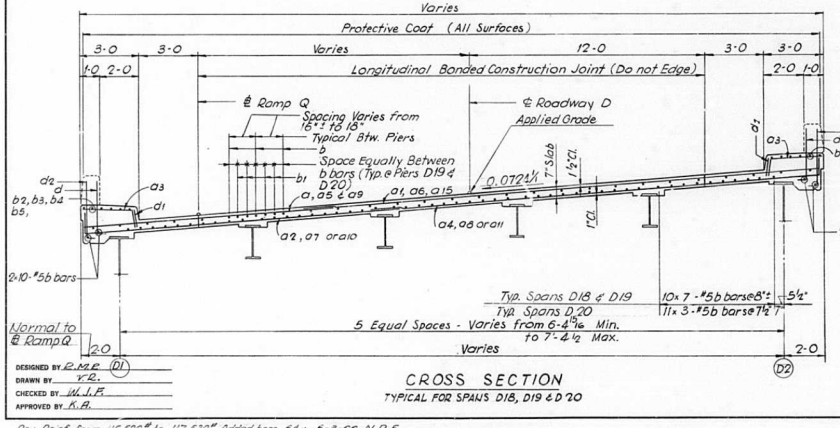
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	107
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

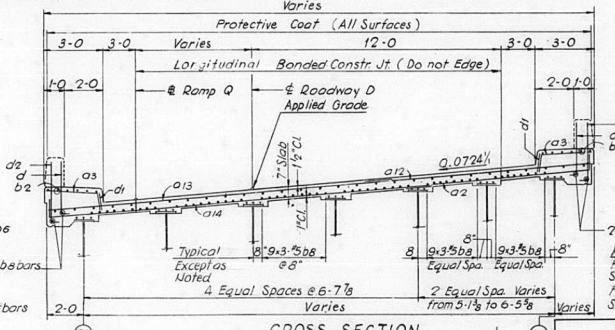
BILL OF MATERIAL

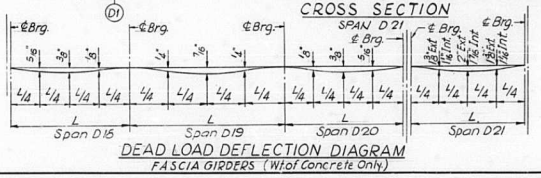
*BAR	NO	SIZE	LENGTH	SHAPE
54a	171	#5	12-5	
54a1	171	#5	25-6	
54a2	342	#5	15-10	
54a3	358	#4	3-9	
54a4	171	#5	23-3	
54a5	238	#5	13-0	
54a6	238	#5	25-10	
54a7	238	#5	16-6	
54a8	238	#5	24-4	
54a9	205	#5	13-9	
54a10	205	#5	17-5	
54a11	205	#5	25-8	
54a12	171	#5	19-3	
54a13	171	#5	26-0	
54a14	171	#5	30-3	
54a15	205	#5	28-4	
54b	835	#5	29-0	
54b1	108	#6	31-0	
54b2	36	#4	26-8	
54b3	48	#4	14-9	
54b4	24	#4	35-6	
54b5	18	#4	27-0	
54b6	36	#4	24-1	
54b7	18	#4	27-3	
54b8	264	#5	26-9	
54b9	4	#5	3-8	
54d	874	#5	3-3	
54d1	356	#4	1-1	
54d2	718	#5	3-6	
54x	270	#6	4-9	

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu.Yds.	390.0
Reinforcement Bars	Lbs.	117,520
Protective Coat	Sq.Yds.	1690
3/4" Stud Shear Connectors	Each	2607

*See Note "X" Sh. No. 35







Notes:
For Notes and Misc. Details See Sh. No. 35
For Sect. A-A and Sect. B-B See Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS D18 THRU D21

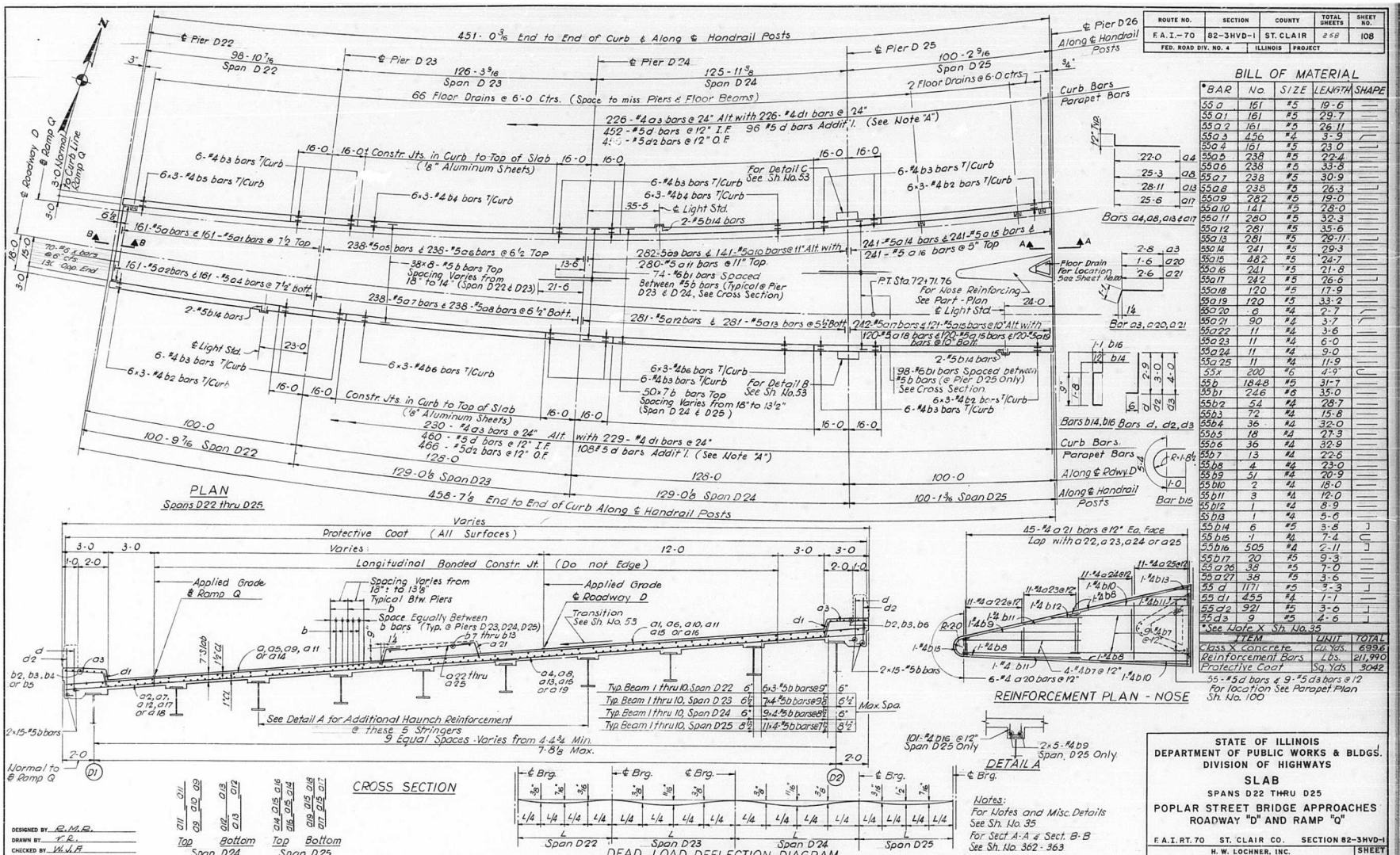
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 540F 526

Rev. Reinf. from 115,590# to 117,520# Added bars 54x. 6-3-66 N.R.F.
Added shear conn. in B of M.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	108
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

BILL OF MATERIAL

*BAR	No.	SIZE	LENGTH	SHAPE
55 a	161	#5	19-6	
55 a1	161	#5	29-7	
55 a2	161	#5	26-11	
55 a3	456	#4	3-9	
55 a4	161	#5	23-0	
55 a5	238	#5	22-4	
55 a6	238	#5	33-8	
55 a7	238	#5	30-9	
55 a8	238	#5	26-3	
55 a9	282	#5	19-0	
55 a10	141	#5	28-0	
55 a11	280	#5	32-3	
55 a12	281	#5	35-6	
55 a13	281	#5	29-11	
55 a14	241	#5	29-3	
55 a15	482	#5	24-7	
55 a16	241	#5	21-8	
55 a17	242	#5	26-6	
55 a18	120	#5	17-9	
55 a19	120	#5	33-2	
55 a20	6	#4	2-7	
55 a21	90	#4	3-7	
55 a22	11	#4	3-6	
55 a23	11	#4	6-0	
55 a24	11	#4	9-0	
55 a25	11	#4	11-9	
55 x	200	#6	4-9	
55 b	1848	#5	31-7	
55 b1	246	#6	35-0	
55 b2	54	#4	28-7	
55 b3	72	#4	15-8	
55 b4	36	#4	32-0	
55 b5	18	#4	27-3	
55 b6	36	#4	32-9	
55 b7	13	#4	22-6	
55 b8	4	#4	23-0	
55 b9	51	#4	20-9	
55 b10	2	#4	18-0	
55 b11	3	#4	12-0	
55 b12	1	#4	8-9	
55 b13	1	#4	5-6	
55 b14	6	#5	3-8	
55 b15	1	#4	7-4	
55 b16	505	#4	2-11	
55 b17	20	#5	9-3	
55 a 26	38	#5	7-0	
55 a 27	38	#5	3-6	
55 d	1171	#5	3-3	
55 d1	455	#4	1-1	
55 d2	921	#5	3-6	
55 d3	9	#5	4-6	

*See Note X Sh. No. 35

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	6996
Reinforcement Bars	Lbs.	211,990
Protective Coat	Sq. Yds.	3042

Notes:
For Notes and Misc. Details See Sh. No. 35
For Sect. A-A & Sect. B-B See Sh. No. 362-363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS D22 THRU D25

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D" AND RAMP "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

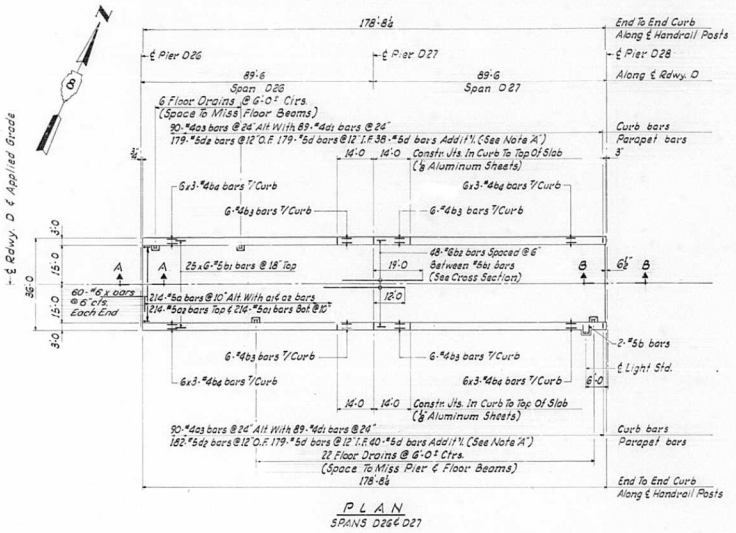
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 55 OF 526

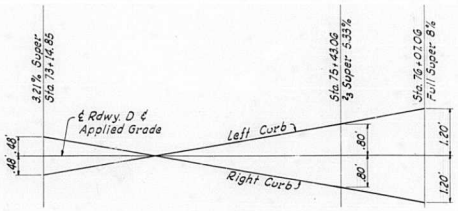
DESIGNED BY E.M.R.
DRAWN BY F.E.
CHECKED BY W.J.R
APPROVED BY E.B.

Rev. Reinf. From 210,560# to 211,990#. Added bars 55x. 6-3-66 N.R.F.

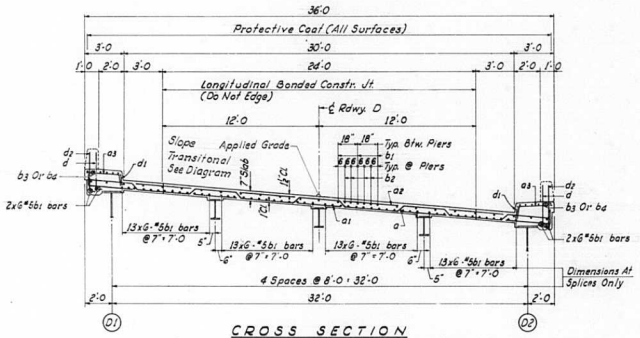
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	109
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



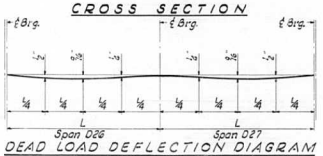
PLAN
SPANS D26 & D27



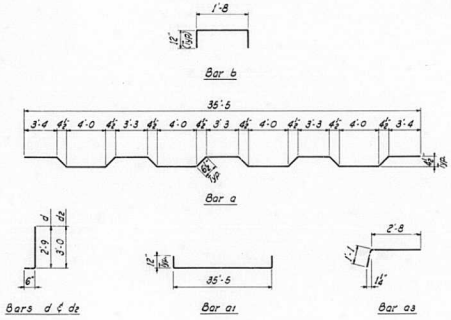
RDWY. D CROSS SLOPE TRANSITION



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
56a	214	#5	36'-9	
56a1	214	#5	37'-5	
56a2	214	#5	35'-5	
56a3	180	#4	3'-9	
56b	2	#5	5'-8	
56b1	486	#5	30'-8	
56b2	48	#6	31'-0	
56b3	24	#4	13'-9	
56b4	72	#4	25'-9	
56d	436	#5	3'-3	
56d1	178	#4	1'-1	
56d2	361	#5	3'-6	
56x	120	#6	4'-9"	
• See Note 'X' Sh. № 35				

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	183.5
Reinforcement Bars	Lbs.	47,940
Protective Coat	Sq. Yds.	794

Notes:
For Notes And Misc. Details See Sh. № 35
For Sections A-A & B-B See Sh. № 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D26 AND D27
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

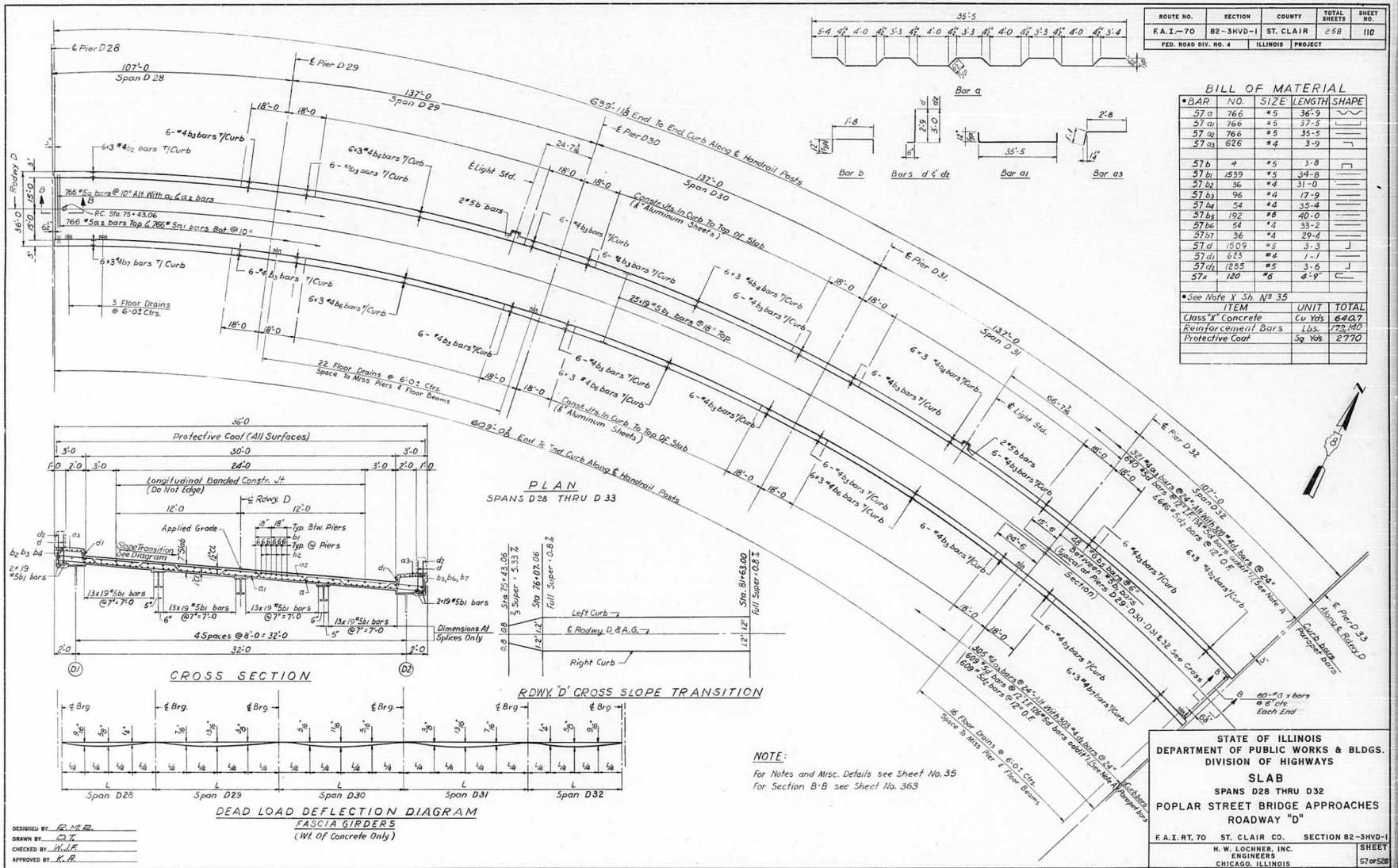
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 56 OF 526

DESIGNED BY RMR
DRAWN BY GRR 12
CHECKED BY W.H.F.
APPROVED BY RA

Rev. Reinf. from 47,000# to 47,940#. Added bars 56x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	110
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	



BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
57 a	766	#5	36'-9	
57 a1	766	#5	37'-5	
57 a2	766	#5	35'-5	
57 a3	626	#4	3'-9	
57 b	4	#5	3'-8	
57 b1	1539	#5	34'-8	
57 b2	36	#4	31'-0	
57 b3	96	#4	17'-9	
57 b4	54	#4	35'-4	
57 b5	192	#6	40'-0	
57 b6	54	#4	33'-2	
57 b7	36	#4	29'-4	
57 d	1509	#5	3'-3	
57 d1	623	#4	1'-1	
57 dx	1255	#5	3'-6	
57x	120	#6	4'-9"	

•See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu Yds	6407
Reinforcement Bars	Lbs.	772,180
Protective Coat	Sq. Yds	2770

CROSS SECTION

PLAN
SPANS D28 THRU D33

RDWY. "D" CROSS SLOPE TRANSITION

DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)

NOTE:
For Notes and Misc. Details see Sheet No. 35
For Section B-B see Sheet No. 363

DESIGNED BY R.M.R.
DRAWN BY D.T.
CHECKED BY W.J.E.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D28 THRU D32
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

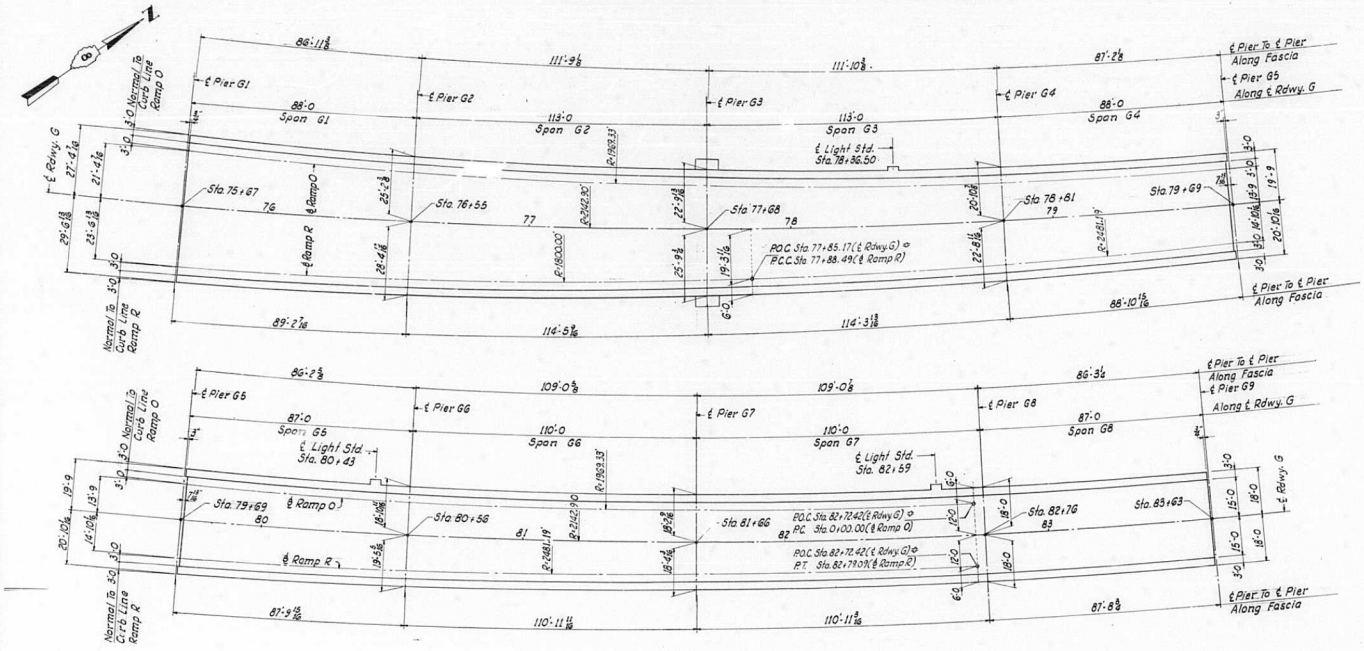
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

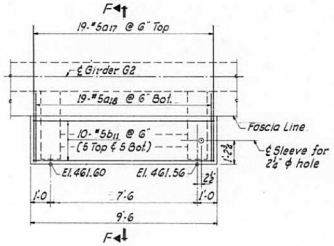
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 57 OF 528

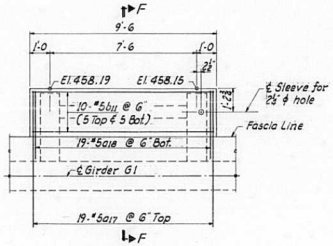
Rev. Reinf. from 172,280# to 173,140# Added bars 57x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	111
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		





DETAIL "A"



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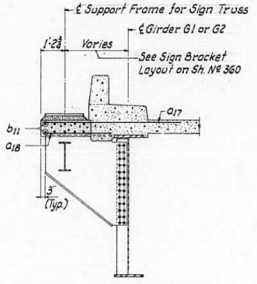


SECTION F-F

DESIGNED BY RMR
DRAWN BY GRITZ
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

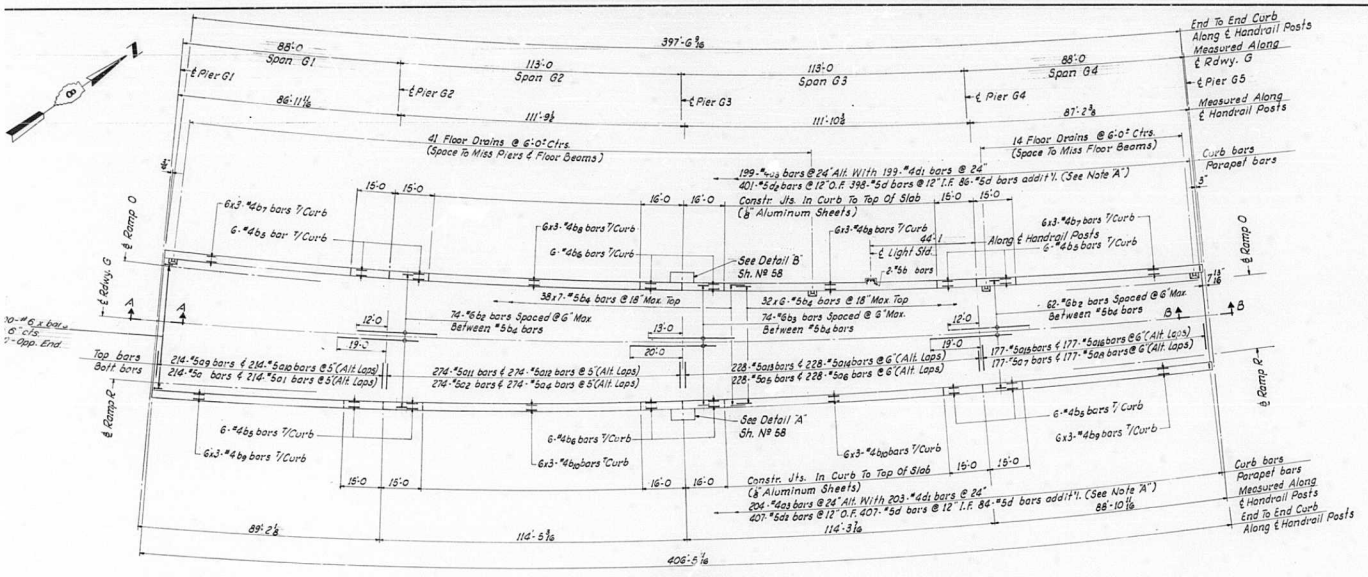
DIMENSION PLAN — SPANS G1 THRU G8

POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

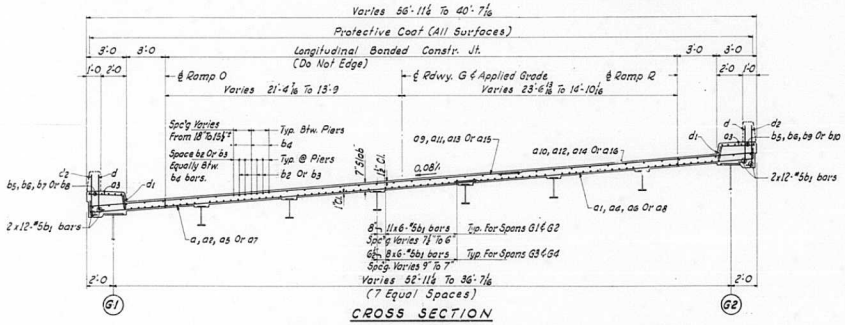
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

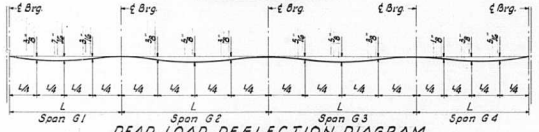
SHEET 58 OF 526



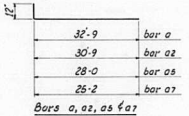
PLAN
SPANS G1 THRU G4

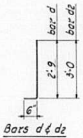


CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)









ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	112
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

BILL OF MATERIAL

●BAR	NO.	SIZE	LENGTH	SHAPE
59 a	214	#5	33'-9	
59 a1	214	#5	25-2	
59 a2	274	#5	31-9	
59 a3	403	#4	3-9	
59 a4	274	#5	23-9	
59 a5	228	#5	29-0	
59 a6	228	#5	21-8	
59 a7	177	#5	26-2	
59 a8	177	#5	19-6	
59 a9	214	#5	36'-7	
59 a10	214	#5	21-5	
59 a11	274	#5	34-4	
59 a12	274	#5	20-4	
59 a13	228	#5	31-2	
59 a14	228	#5	18-6	
59 a15	177	#5	28-0	
59 a16	177	#5	16-8	
59 a17	38	#5	7-0	
59 a18	38	#5	3-6	
59 b	2	#5	3-8	
59 b1	866	#5	34-10	
59 b2	136	#6	31-0	
59 b3	74	#6	33-0	
59 b4	458	#5	32-3	
59 b5	48	#4	14-9	
59 b6	24	#4	15-9	
59 b7	36	#4	24-6	
59 b8	36	#4	27-7	
59 b9	36	#4	25-3	
59 b10	36	#4	28-5	
59 b11	20	#5	9-3	
59 d	976	#5	3-3	
59 d1	402	#4	1-1	
59 d2	808	#5	3-6	
59 x	170	#6	4'-9"	
● See Note X Sh. No 35				

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	532.8
Reinforcement Bars	Lbs.	166,910
Protective Coat	Sq. Yds.	2356

Notes:
For Notes And Misc. Details See Sh. No. 35
For Sections A-A & B-B See Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS G1 THRU G4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

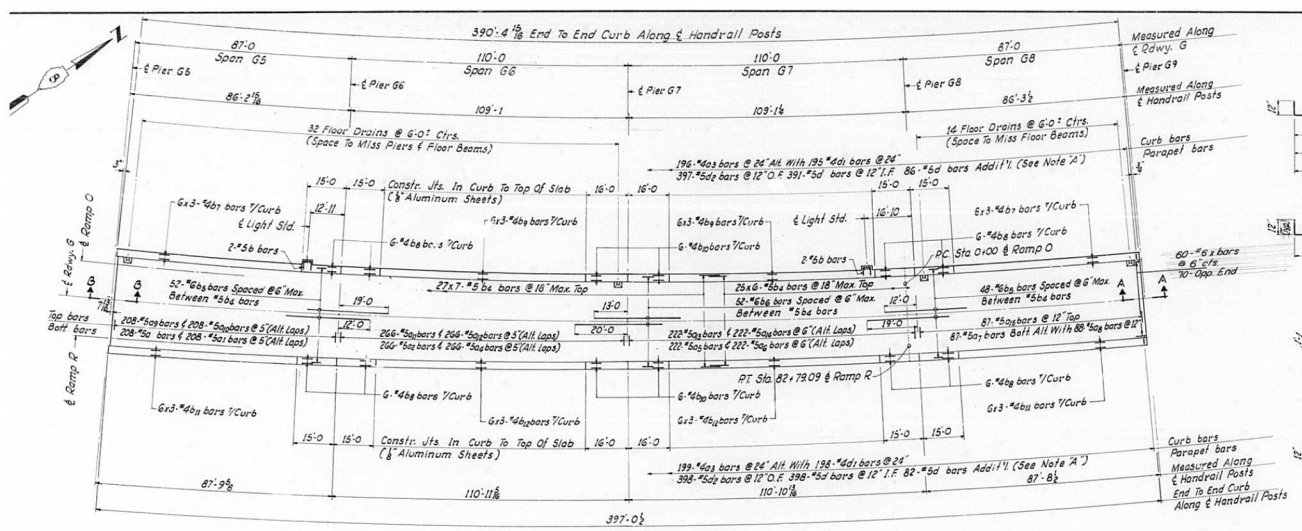
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 59 OF 258

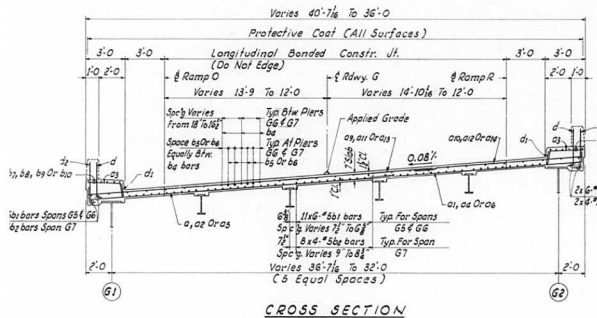
ED BY RMR
BY GRITZ
TD BY W.J.F.
TED BY K.A.

Reinf. From 165,700# To 166,910#. Added bars 59x. 6-3-66 N.R.F.

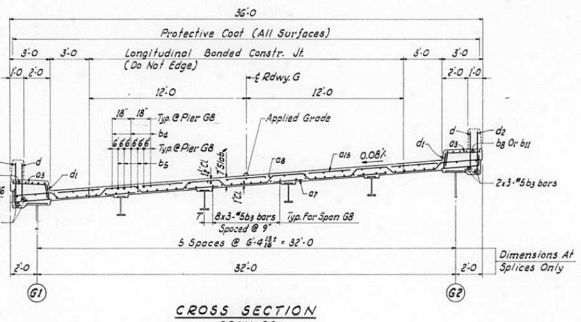
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	113
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



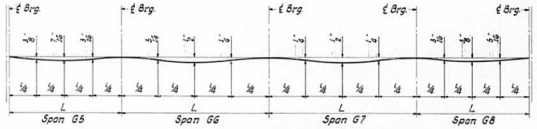
PLAN
SPANS G5 THRU G8



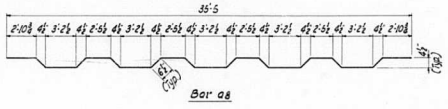
CROSS SECTION
SPANS G5, G6 & G7

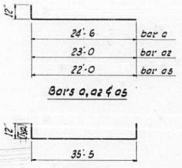


CROSS SECTION
SPAN G8



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)





BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
60 a	208	#5	25'-6	L
60 a1	208	#5	17'-0	—
60 a2	266	#5	20'-0	L
60 a3	395	#4	3'-9	⌐
60 a4	266	#5	16'-3	—
60 a5	222	#5	23'-0	L
60 a6	222	#5	15'-6	—
60 a7	87	#5	37'-5	L
60 a8	88	#5	37'-1	∿
60 a9	208	#5	28'-2	—
60 a10	208	#5	13'-6	—
60 a11	266	#5	26'-6	—
60 a12	266	#5	12'-9	—
60 a13	222	#5	25'-4	—
60 a14	222	#5	12'-3	—
60 a15	87	#5	35'-5	—
60 b	4	#5	3'-8	⊔
60 b1	354	#5	34'-0	—
60 b2	176	#5	28'-9	—
60 b3	132	#5	30'-0	—
60 b4	339	#5	31'-5	—
60 b5	100	#6	31'-0	—
60 b6	52	#6	33'-0	—
60 b7	36	#4	24'-4	—
60 b8	48	#4	14'-9	—
60 b9	36	#4	26'-8	—
60 b10	24	#4	15'-9	—
60 b11	36	#4	24'-9	—
60 b12	36	#4	27'-4	—
60 d	957	#5	3'-3	⌋
60 d1	398	#4	1'-1	—
60 d2	795	#5	3'-6	⌋
60 x	130	#6	4'-9"	⊂

• See Note 'X' Sh. № 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	42.6
Reinforcement Bars	Lbs.	19,820
Protective Coat	Sq. Yds.	1849

Notes:
For Notes And Misc. Details See Sh. № 35.
For Sections A-A & B-B See Sh. № 362 & 363.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS G5 THRU G8
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

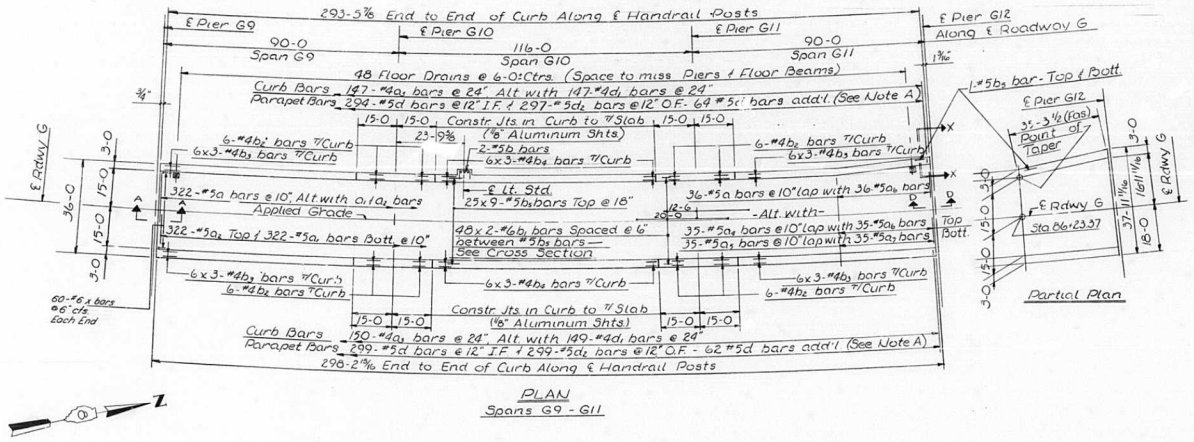
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

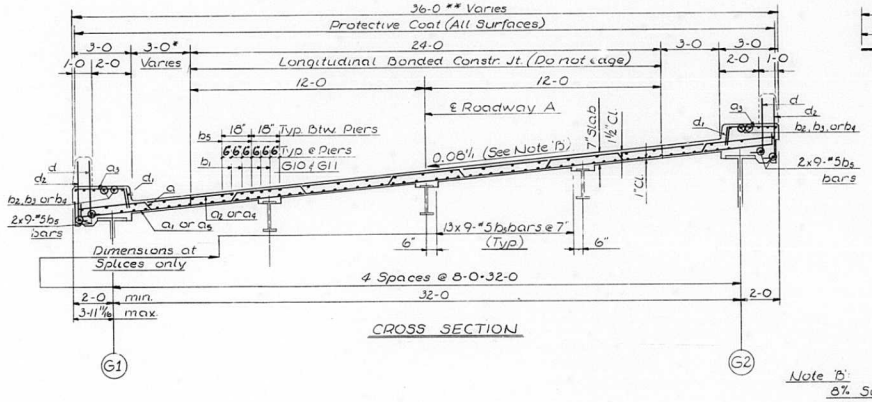
SHEET 60 OF 258

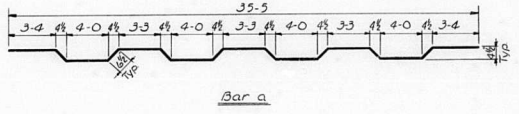
NED BY RMR
N BY GRATZ
CED BY W.J.F.
OVED BY K.A.

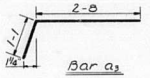
Reinf. from 118,890# to 119,820#. Added bars 60x. 6-3-66 N.R.F.

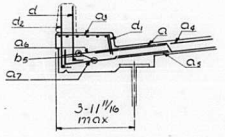
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	114
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

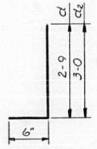






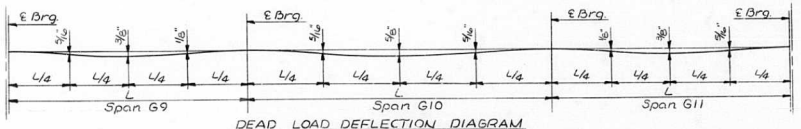






Note:
For Notes & Misc. Details see Sh. № 35
For Sections A-A & D-D see Sh. №'s 62 & 364

Note 'B':
8% Super from ℄ Pier G9 to Sta. 86+03.12
For Transition after Sta. 86+03.12 see Sh. № 62



Notes:
** Dimension Varies From 36-0 at Point of Taper to 37-11/16 at ℄ Pier G12.
* Dimension Varies From 3-0 at Point of Taper to 4-11/16 at ℄ Pier G12.

BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
61a	330	#5	36-9	
61a1	322	#5	37-5	
61a2	322	#5	37-5	
61a3	297	#5	3-0	
61a4	35	#5	34-5	
61a5	35	#5	35-5	
61a6	71	#5	6-0	
61a7	35	#5	6-0	
61b	2	#5	3-6	
61b1	96	#6	32-6	
61b2	68	#4	12-9	
61b3	72	#4	25-10	
61b4	36	#4	29-7	
61b5	731	#5	34-0	
61d	719	#5	3-3	
61d1	296	#4	1-1	
61d2	596	#5	3-6	
61x	120	#6	4-9	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds	302.7
Reinforcement Bars	Lbs	90,870
Protective Coat	Sq. Yds.	1,318

• See Note 'X' Sh. № 35

Bar a1 — 35-5 — 12" Typ
Bar a2 — 34-5 — 12" Typ
Bar a7 — 5-0 — 12" Typ
Bar b — 1-8 — 12" Typ

DESIGNED BY R.M.R.
DRAWN BY J.W.A.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

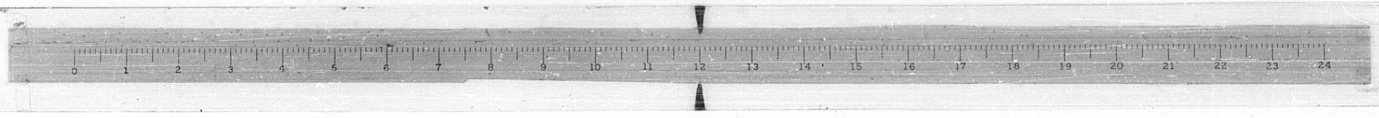
SLAB
SPANS G9 THRU G11
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

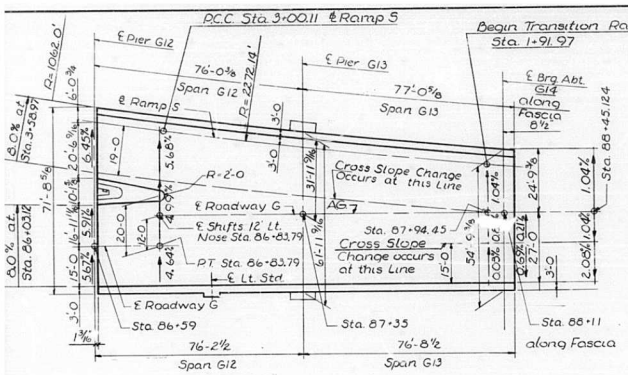
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 61 OF 526

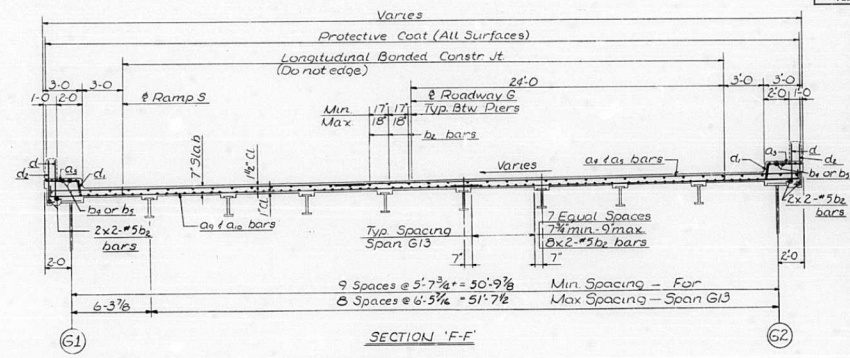
Rev. Reinf. from 80,110# to 80,870#. Added bars 61x. 6-3-66 N.R.F.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVD-1	ST. CLAIR	258	115
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Spans G12, G13



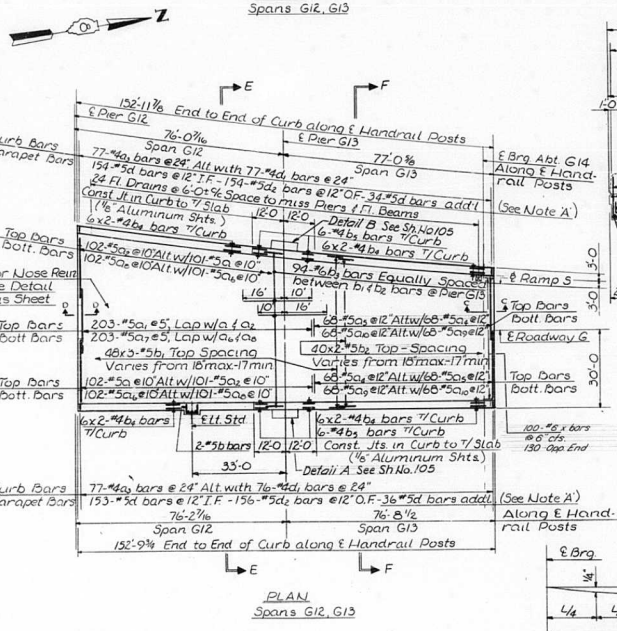
SECTION 'F-F'

BILL OF MATERIAL

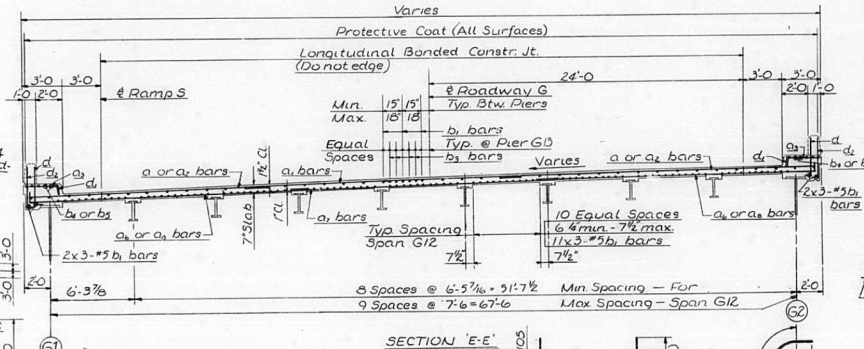
• BAR	NO.	SIZE	LENGTH	SHAPE
G2 a	203	#5	21-4	
G2 a1	203	#5	24-2	
G2 a2	203	#5	26-10	
G2 a3	154	#4	3-9	
G2 a4	136	#5	30-0	
G2 a5	136	#5	26-0	
G2 a6	203	#5	18-6	
G2 a7	203	#5	31-5	
G2 a8	203	#5	23-0	
G2 a9	136	#5	34-1	
G2 a10	136	#5	26-9	
G2 a11	30	#4	3-7	
G2 a12	5	#4	7-6	
G2 a13	8	#4	5-3	
G2 a14	8	#4	3-3	
G2 a15	7	#4	2-7	
G2 a16	38	#4	7-0	
G2 a17	38	#5	3-6	
G2 b	2	#5	3-8	
G2 b1	455	#5	33-0	
G2 b2	230	#5	29-3	
G2 b3	94	#6	26-0	
G2 b4	48	#4	33-0	
G2 b5	24	#4	11-9	
G2 b6	19	#4	12-0	
G2 b7	1	#4	7-4	
G2 b8	20	#5	9-3	
G2 d	377	#4	3-9	
G2 d1	155	#4	7-1	
G2 d2	370	#5	5-6	
G2 d3	21	#5	4-6	
G2 x	230	#6	4'-9"	

• See Note 'X' Sh. N° 35

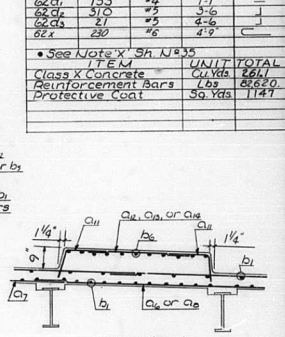
ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	261
Reinforcement Bars	Lbs.	8662.
Protective Coat	Sq. Yds.	1147



PLAN
Spans G12, G13

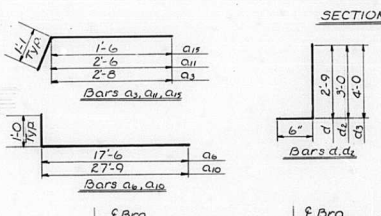


SECTION 'E-E'

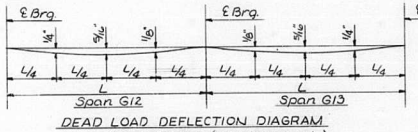


Section 'GG'

Note:
For Notes & Misc. Details - see Sh. N° 35
For Sections DD & CC - see Sh. N° 362 & 364



NOSE REINFORCEMENT



DEAD LOAD DEFLECTION DIAGRAM
Fascia Girders (Wt. of conc. only)

Floor Drain For Location see Sh. N° 105

DESIGNED BY R.M.E.
DRAWN BY JWA
CHECKED BY W.J.B.
APPROVED BY R.A.B.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

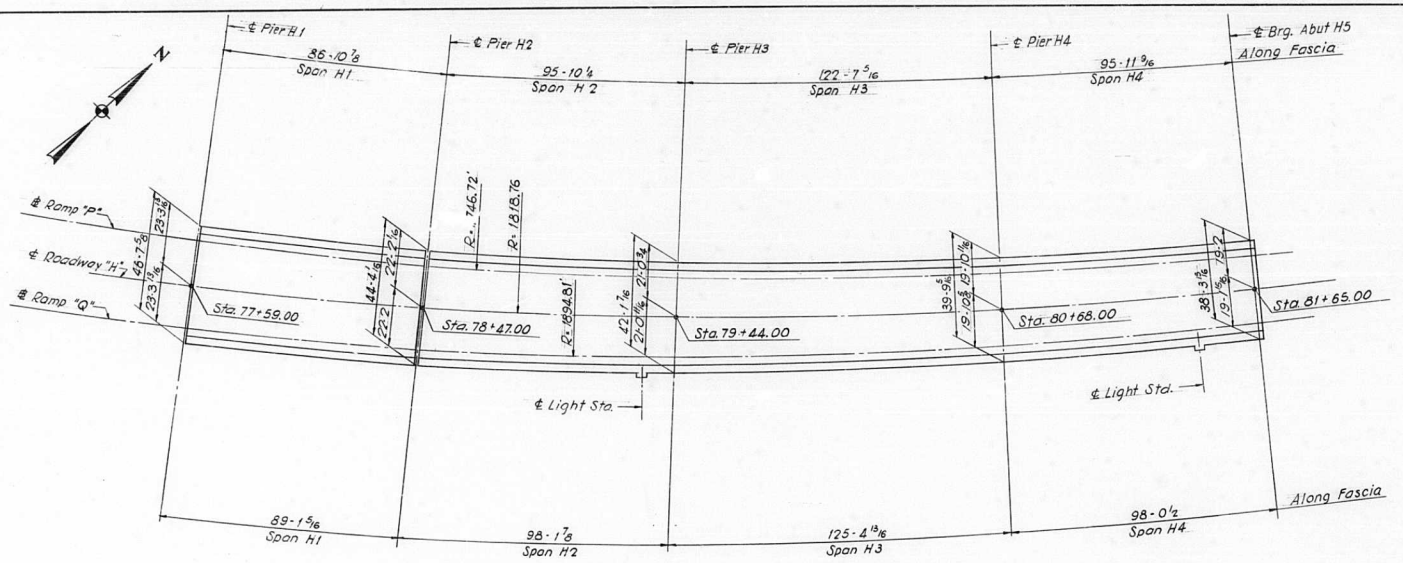
SLAB
SPANS G12 AND G13
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

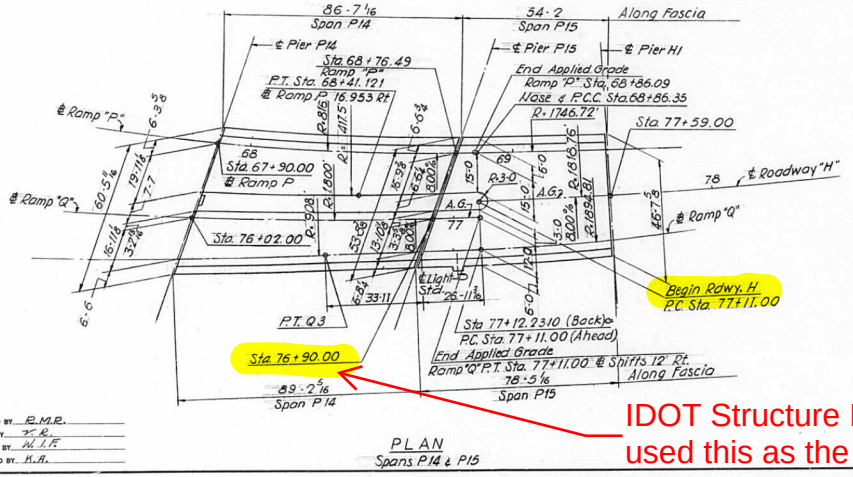
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 62 OF 526

Rev. Reinf. from 80,980# to 82,620# Added bars G2 x, 6-3-66 N.R.F.



PLAN
Spans H1 thru H4



PLAN
Spans P14 & P15

IDOT Structure Information Form has used this as the Start of Roadway H.

CURVE DATA Q3
P.I. 76+07.7806504
Δ = 5° 30' 24.738"
R = 908.00'
Dc = 6° 18' 36.388
L = 87.2706422'
T = 43.6689430
E = 1.0482769

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	116
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

DIMEMENSION PLAN — SPANS H1 THRU H4; P14 & P15

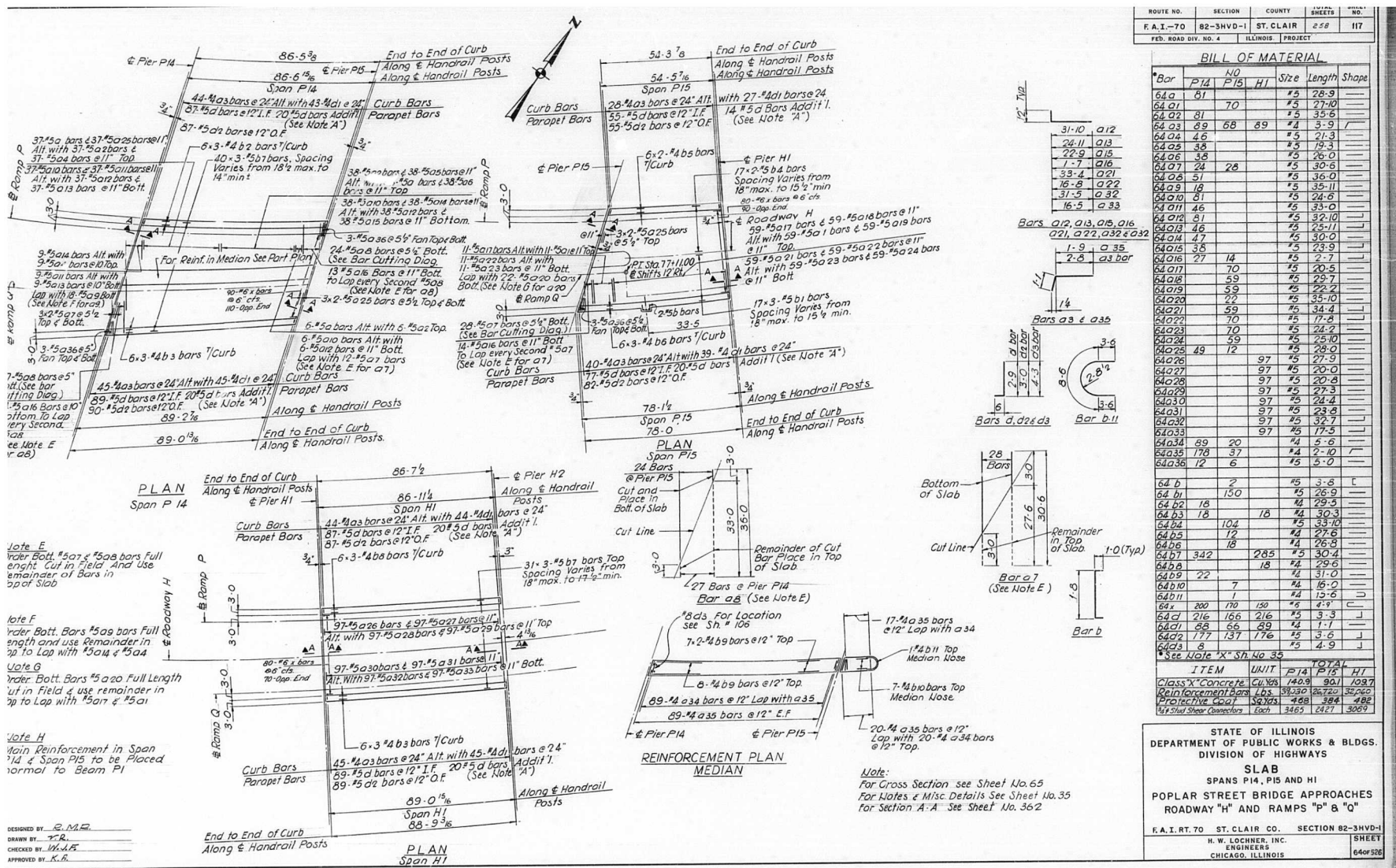
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H" AND RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 63 or 528

DESIGNED BY R.M.R.
DRAWN BY Y.R.
CHECKED BY W.I.F.
APPROVED BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82–3HVD–1	ST. CLAIR	258	117
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

BILL OF MATERIAL

Bar	NO P14	NO P15	NO H1	Size	Length	Shape
64a	81			#5	28-9	
64a1		70		#5	27-10	
64a2	81			#5	35-6	
64a3	89	68	89	#4	3-9	
64a4	46			#5	21-3	
64a5	38			#5	19-3	
64a6	38			#5	26-0	
64a7	24	28		#5	30-6	
64a8	51			#5	36-0	
64a9	18			#5	35-11	
64a10	81			#5	24-6	
64a11	46			#5	33-0	
64a12	81			#5	32-10	
64a13	46			#5	25-11	
64a14	47			#5	30-0	
64a15	38			#5	23-9	
64a16	27	14		#5	2-7	
64a17		70		#5	20-5	
64a18		59		#5	29-7	
64a19		59		#5	22-2	
64a20		22		#5	35-10	
64a21		59		#5	34-4	
64a22		70		#5	17-8	
64a23		70		#5	24-2	
64a24		59		#5	25-10	
64a25	49	12		#5	28-0	
64a26			97	#5	27-9	
64a27			97	#5	20-0	
64a28			97	#5	20-8	
64a29			97	#5	27-3	
64a30			97	#5	24-4	
64a31			97	#5	23-8	
64a32			97	#5	32-7	
64a33			97	#5	17-5	
64a34	89	20		#4	5-6	
64a35	178	37		#4	2-10	
64a36	12	6		#5	5-0	
64b		2		#5	3-8	
64b1		150		#5	26-9	
64b2	18			#4	29-5	
64b3	18		18	#4	30-3	
64b4		104		#5	33-10	
64b5		12		#4	27-6	
64b6		18		#4	26-8	
64b7	342		285	#5	30-4	
64b8			18	#4	29-6	
64b9	22			#4	31-0	
64b10		7		#4	16-0	
64b11		1		#4	13-6	
64x	200	170	150	#6	4-9	
64d	216	166	216	#5	3-3	
64d1	88	66	89	#4	1-1	
64d2	177	137	176	#5	3-6	
64d3	8			#5	4-9	

*See Note "X" Sh. No. 35

ITEM	UNIT	TOTAL P14	TOTAL P15	TOTAL H1
Class "X" Concrete	Cu. Yds.	140.9	90.1	103.7
Reinforcement Bars	Lbs.	34,330	26,720	32,260
Protective Coat	Sq. Yds.	488	384	482
¾" ø Stud Shear Connectors	Each	3465	2421	3069

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS P14, P15 AND H1

POPLAR STREET BRIDGE APPROACHES
ROADWAY "H" AND RAMPS "P" & "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

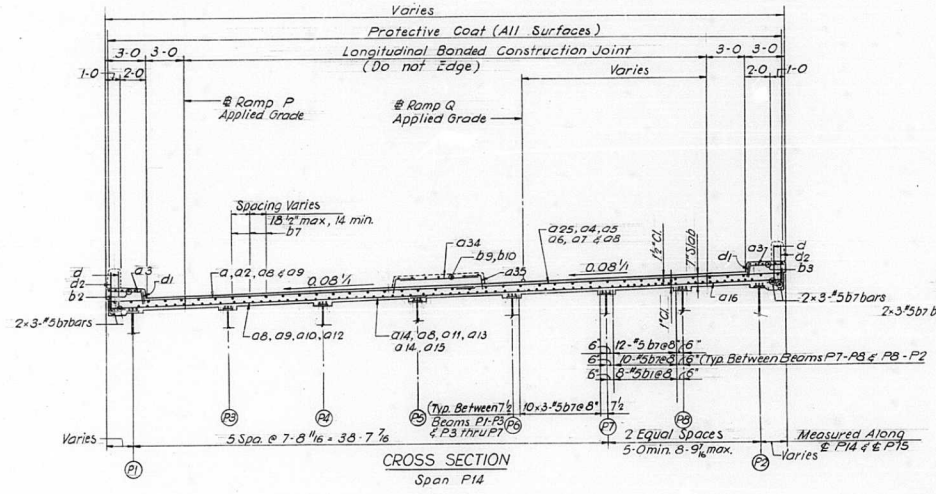
SHEET 64 of 526

DESIGNED BY R.M.R.
DRAWN BY T.R.
CHECKED BY W.A.F.
APPROVED BY K.F.

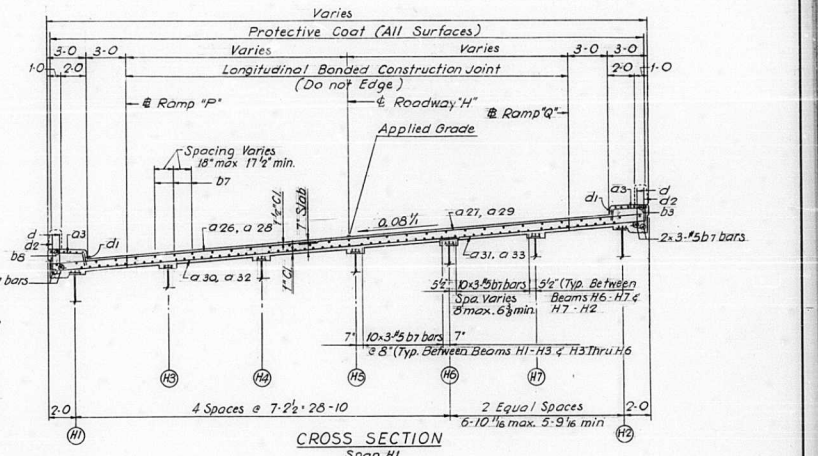
Rev. Reinf. from 30,990# to 32,260# Added bars 64x. 6-3-66 N.R.F.
Added shear conn. to P, of H
Rev. Reinf. from 37,600# to 34,330# Added bars 64x
Rev. Reinf. from 25,510# to 26,720# Added bars 64x

Note:
For Cross Section see Sheet No. 65
For Notes & Misc. Details See Sheet No. 35
for Section A-A See Sheet No. 362

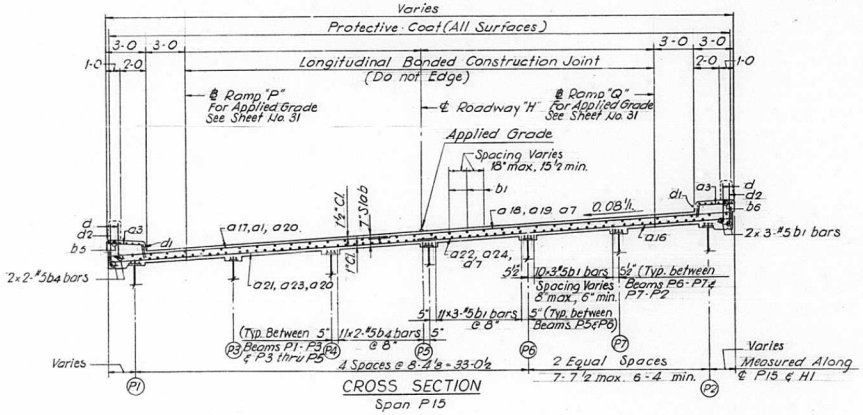
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	118
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



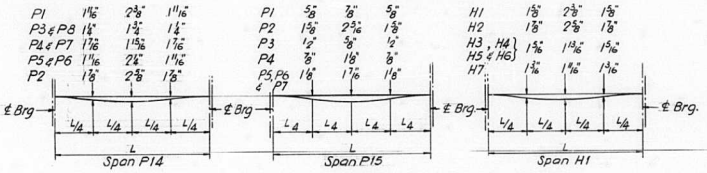
CROSS SECTION
Span P14



CROSS SECTION
Span H1



CROSS SECTION
Span P15



DEAD LOAD DEFLECTION DIAGRAMS
(Weight of Concrete Only)

Note:
For Notes & Location of Section See Sheet No. 64

DESIGNED BY R.M.P.
DRAWN BY T.E.
CHECKED BY W.J.F.
APPROVED BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

SPANS P14, P15 AND H1

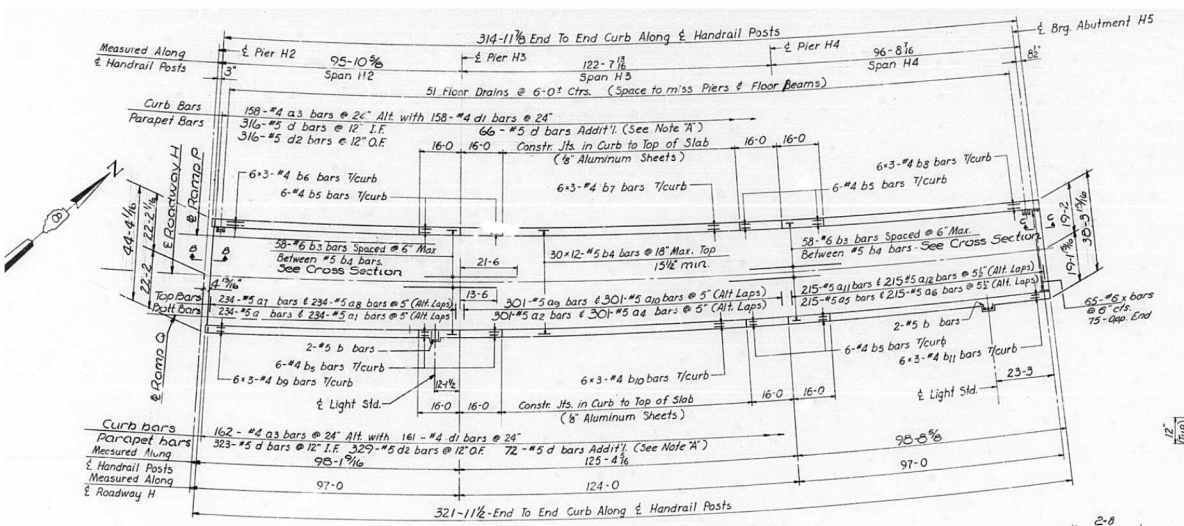
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H" AND RAMPS "P" & "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

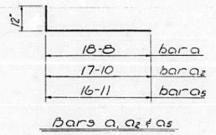
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET G5 OF 525

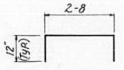
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I-70	82-3HVD-I	ST. CLAIR	258	119
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



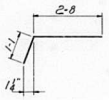
PLAN
SPANS H2 THRU H4



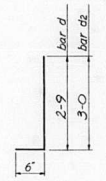
Bars a, a2 & a5



Bar b



Bar a3



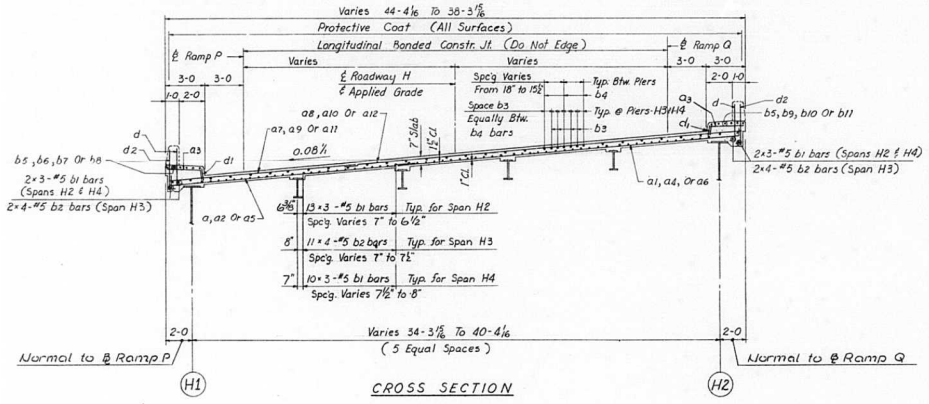
Bars d & d2

BILL OF MATERIAL

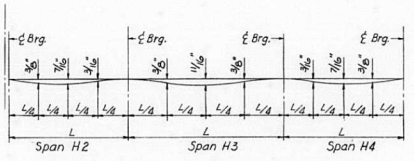
•BAR	NO.	SIZE	LENGTH	SHAPE
66a	234	#5	19-8	L
66a1	234	#5	26-9	
66a2	301	#5	18-10	L
66a3	320	#4	3-9	
66a4	301	#5	25-5	
66a5	215	#5	17-11	L
66a6	215	#5	24-0	
66a7	234	#5	14-4	
66a8	234	#5	30-9	
66a9	301	#5	14-0	
66a10	301	#5	29-3	
66a11	215	#5	13-3	
66a12	215	#5	27-8	
66b	4	#5	3-6	
66b1	369	#5	39-7	
66b2	236	#5	32-3	
66b3	116	#6	35-0	
66b4	360	#5	27-9	
66b5	24	#4	15-9	
66b6	18	#4	27-2	
66b7	18	#4	30-11	
66b8	18	#4	27-6	
66b9	18	#4	27-11	
66b10	18	#4	31-7	
66b11	18	#4	28-2	
66d	777	#5	3-3	
66d1	319	#4	1-1	
66d2	645	#5	3-6	
66x	140	#6	4'-9"	

• See Note X Sh. No 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	368.3
Reinforcement Bars	Lbs.	114,790
Protective Coat	Sq. Yds.	1602



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt Of Concrete Only)

Note:
For Notes & Misc. Details See Sh. No 35
For Section B-B & CC, See Sh. No 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS H2 THRU H4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

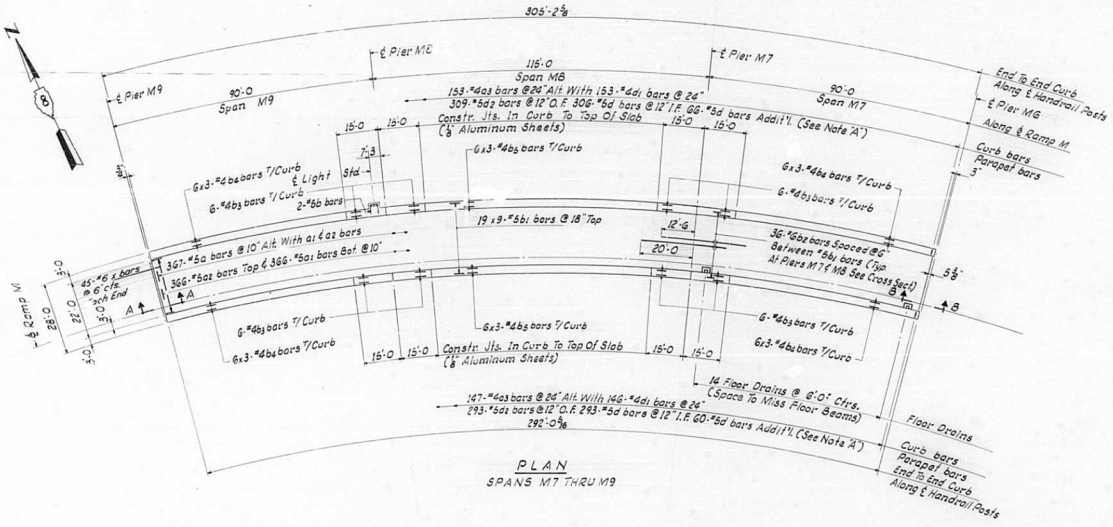
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 66 OF 526

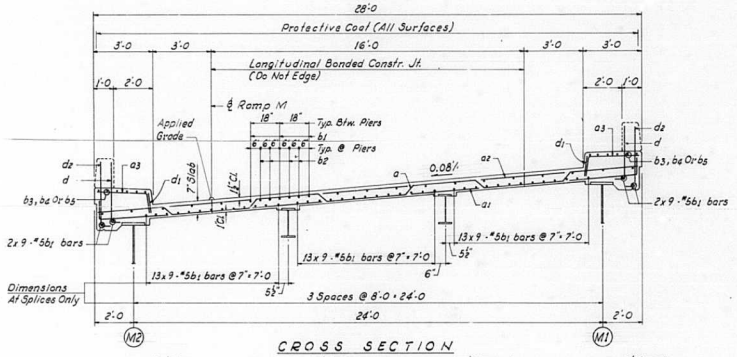
SIGNED BY R.M.R.
DWN BY D.F.
CKED BY W.J.F.
ROVED BY K.R.

Rev. Reinf. from 113,790# to 114,790# Added bars 66x. 6-3-66 N.R.F.

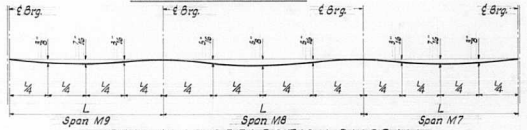
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	120
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



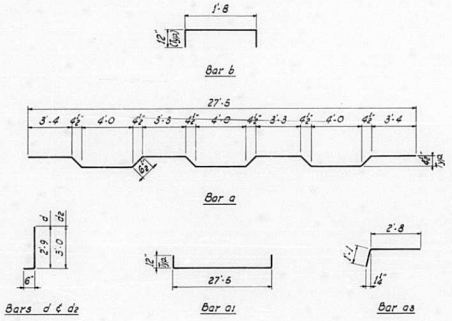
PLAN
SPANS M7 THRU M9



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
67a	367	#5	28'-5	
67a1	366	#5	29'-5	
67a2	366	#5	27'-5	
67a3	300	#4	3'-9	
67b	2	#5	3'-8	
67b1	558	#5	34'-10	
67b2	72	#6	32'-6	
67b3	28	#4	14'-9	
67b4	72	#4	26'-8	
67b5	36	#4	30'-6	
67d	725	#5	3'-3	
67d1	299	#4	1'-1	
67dz	602	#5	3'-6	
67x	90	#6	4'-9"	

• See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	243.4
Reinforcement Bars	Lbs.	65,120
Protective Coat	Sq. Yds.	1061

Notes:
For Notes And Misc. Details See Sh. № 35
For Sections A-A & B-B See Sh. № 302 & 303

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS M7 THRU M9
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

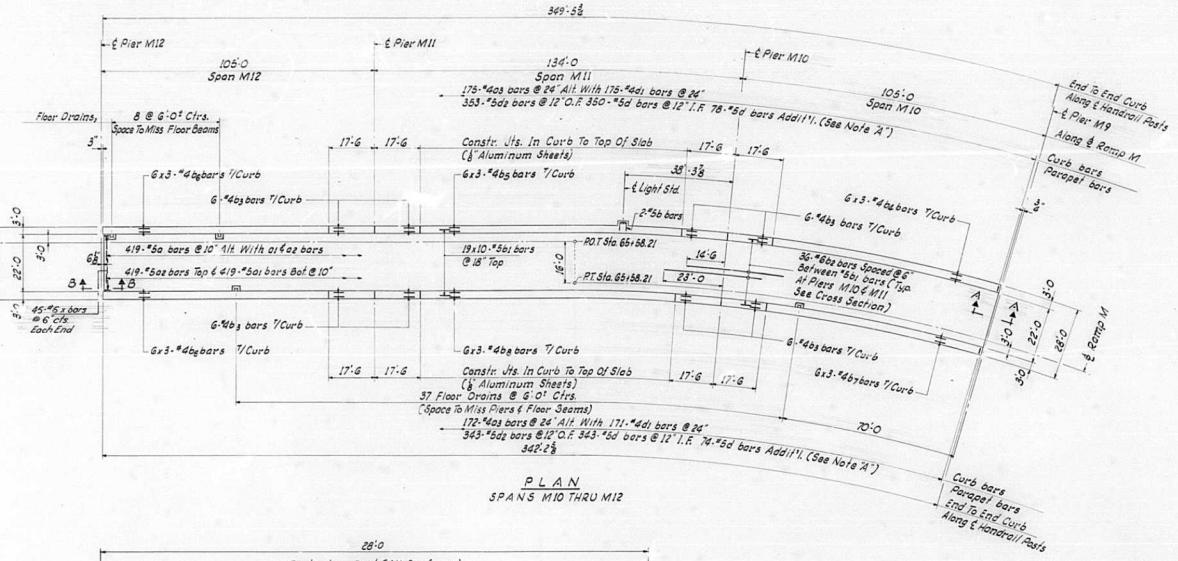
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 67 OF 360

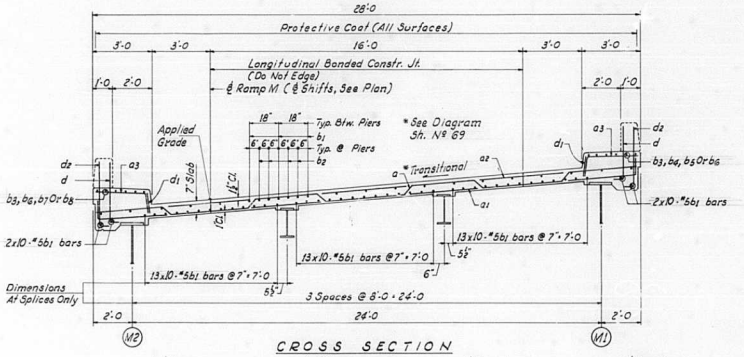
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY K.A.

Rev. Reinf. from 64,980# to 65,120# Added bars 67x. 6-3-66 N.A.F.

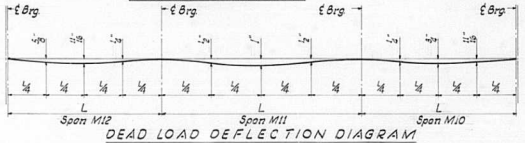
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	121
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



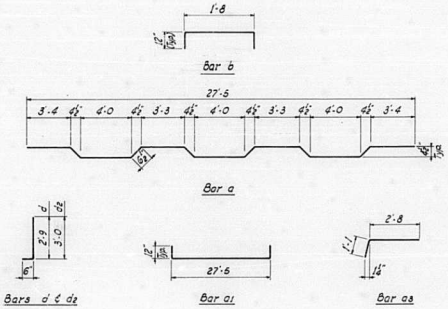
PLAN
SPANS M10 THRU M12



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
68a	419	#5	28'-5	
68a1	419	#5	29'-5	
68a2	419	#5	27'-5	
68a3	347	#4	3'-9	
68b	2	#5	3'-8	
68b1	620	#5	36'-0	
68b2	72	#6	37'-6	
68b3	48	#4	17'-3	
68b4	18	#4	31'-0	
68b5	18	#4	34'-3	
68b6	36	#4	29'-8	
68b7	18	#4	29'-6	
68b8	18	#4	33'-5	
68d	845	#5	3'-3	
68d1	346	#4	1'-1	
68dz	696	#5	3'-6	
68x	90	#6	4'-9"	

• See Note X Sh. No 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	293.5
Reinforcement Bars	Lbs.	74570
Protective Coat	Sq. Yds.	1229

Notes:
For Notes And Misc. Details See Sh. No 35.
For Sections A-A & B-B See Sh. No 362 & 363.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS M10 THRU M12
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

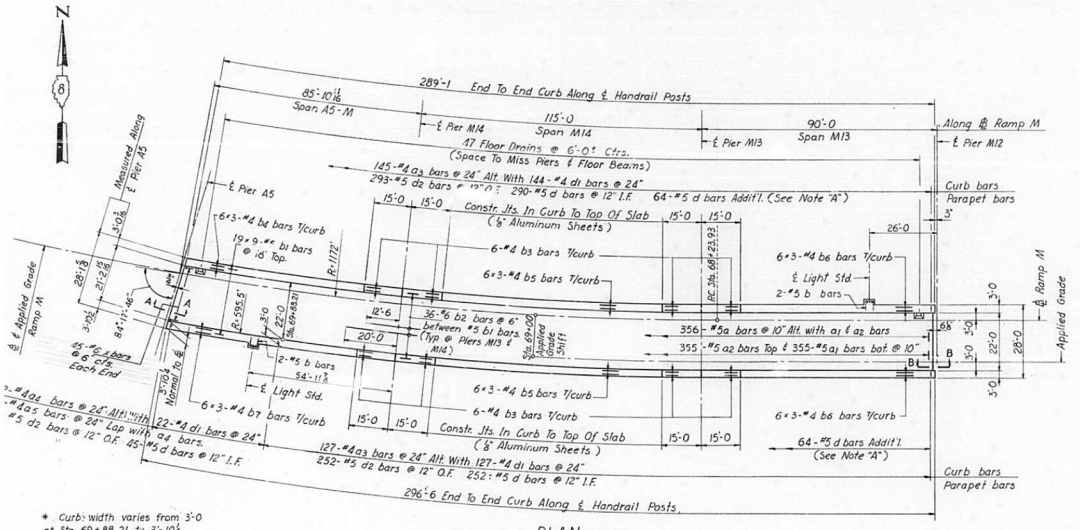
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 68 OF 526

SIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
REMOVED BY KA

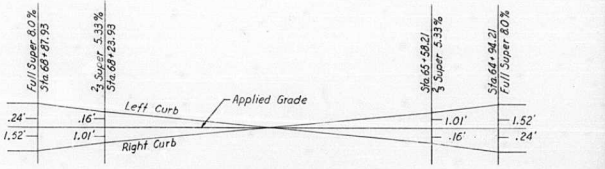
Rev. Reinf. from 73,930# to 74,570#. Added bars 68x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	122
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



* Curb width varies from 3'-0 at Sta. 69+88.21 to 3'-10 1/4 at ℄ Pier A5. (See Plan)

PLAN
SPANS M13, M14 ℄ A5-M



RAMP M CROSS SLOPE TRANSITION

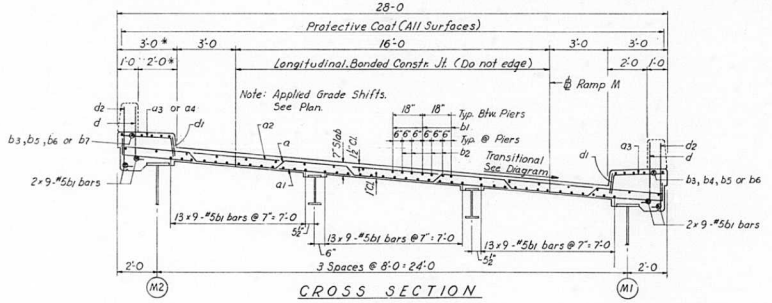
BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
69a	356	# 5	28-5	
69a1	355	# 5	29-5	
69a2	355	# 5	27-5	
69a3	272	# 4	3-9	
69a4	22	# 4	2-11	
69a5	22	# 4	2-7	
69b	4	# 5	3-8	
69b1	558	# 5	33-10	
69b2	72	# 6	32-6	
69b3	48	# 4	14-9	
69b4	18	# 4	23-11	
69b5	36	# 4	29-8	
69b6	36	# 4	25-8	
69b7	18	# 4	25-6	
69d	718	# 5	3-3	
69d1	293	# 4	1-1	
69d2	593	# 5	3-5	
69x	90	#6	4-9"	

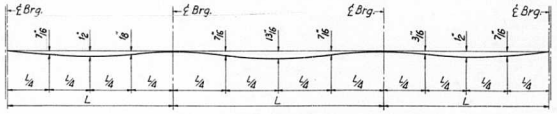
• See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	2474
Reinforcement Bars	Lbs.	63,370
Protective Coat	Sq. Yds.	1040

Note:
For Notes and Misc. Details see Sh. No. 35
For Section A-A ℄ B-B see Sh. No. 362 & 363



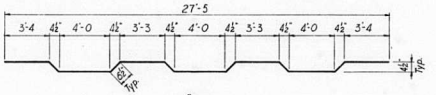
CROSS SECTION



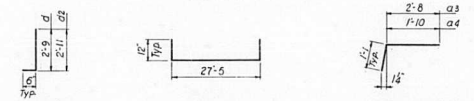
DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



Bar b



Bar a



Bars d ℄ d2 Bar a1 Bars a3 ℄ a4

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS M13, M14 AND A5-M
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

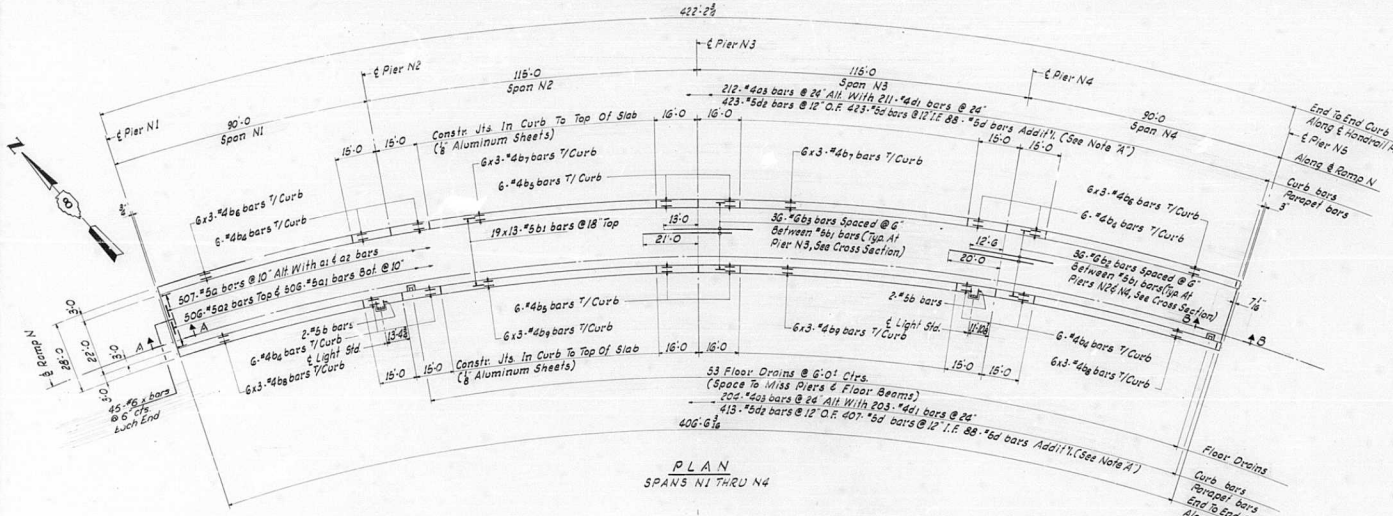
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

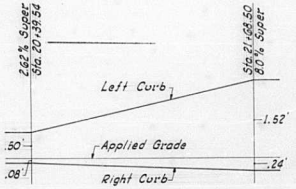
SHEET 69 OF 526

SIGNED BY R.M.R.
DWN BY D.C.F.
CKED BY R.M.R.
APPROVED BY K.A.

Rev. Reinf. from 62,730# to 63,370#. Added bars 69x. 6-3-66 N.A.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVD-1	ST. CLAIR	258	123
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		





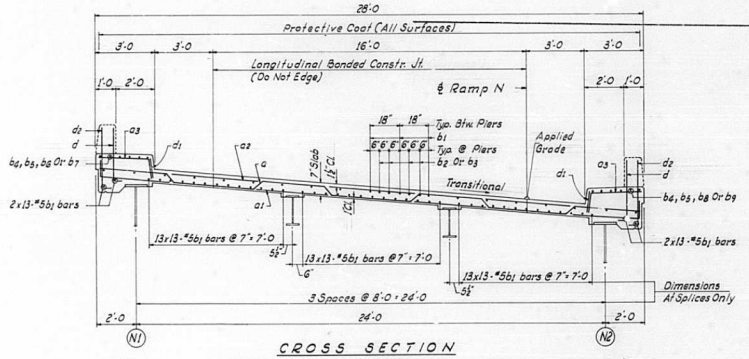
RAMP "N" CROSS SLOPE TRANSITION

BILL OF MATERIAL

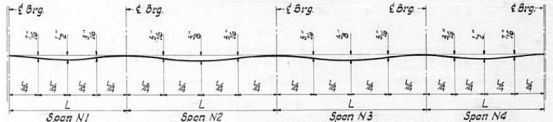
• BAR	NO.	SIZE	LENGTH	SHAPE
70a	607	#5	28'-5	
70a1	506	#5	29'-5	
70a2	506	#5	27'-5	
70a3	416	#4	3'-9	
70b	4	#5	3'-8	
70b1	806	#5	33'-6	
70b2	72	#6	32'-6	
70b3	36	#6	34'-0	
70b4	48	#4	14'-9	
70b5	24	#4	15'-9	
70b6	36	#4	26'-6	
70b7	36	#4	29'-9	
70b8	36	#4	23'-4	
70b9	36	#4	28'-4	
70d	1006	#5	3'-3	
70d1	414	#4	1'-1	
70d2	836	#5	3'-5	
70x	90	#6	4'-9"	

• See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	349.9
Reinforcement Bars	Lbs.	90,290
Protective Coat	Sq. Yds.	1472

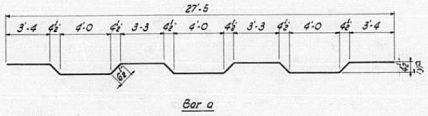


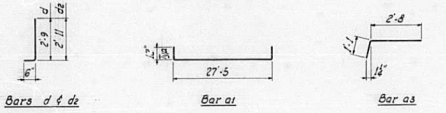
CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)







Notes:
For Notes And Misc. Details See Sh. № 35.
For Sections A-A & B-B See Sh. № 362 & 363.

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS N1 THRU N4
POPLAR STREET BRIDGE APPROACHES
RAMP "N"

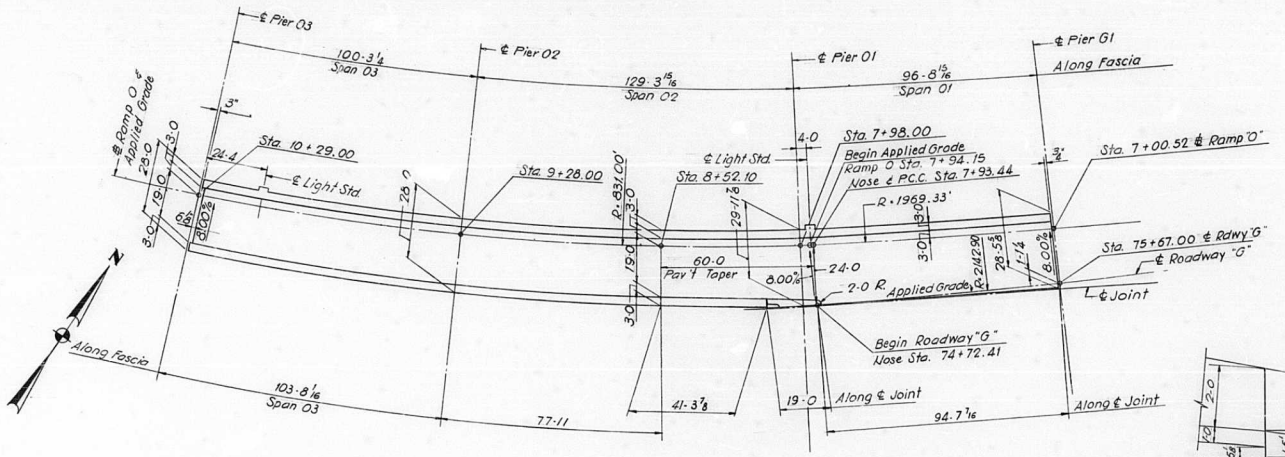
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

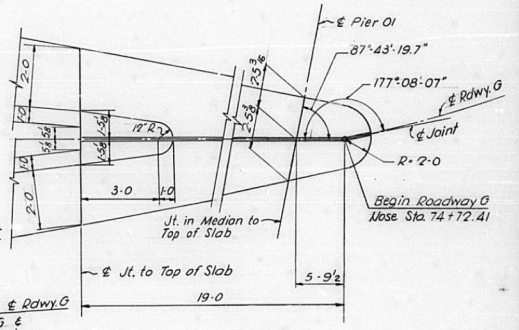
SHEET 70 OF 526

Rev. Reinf. from 89,650# to 90,290# Added bars 70x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVD-1	ST. CLAIR	258	124
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Spans 03, 02 & 01



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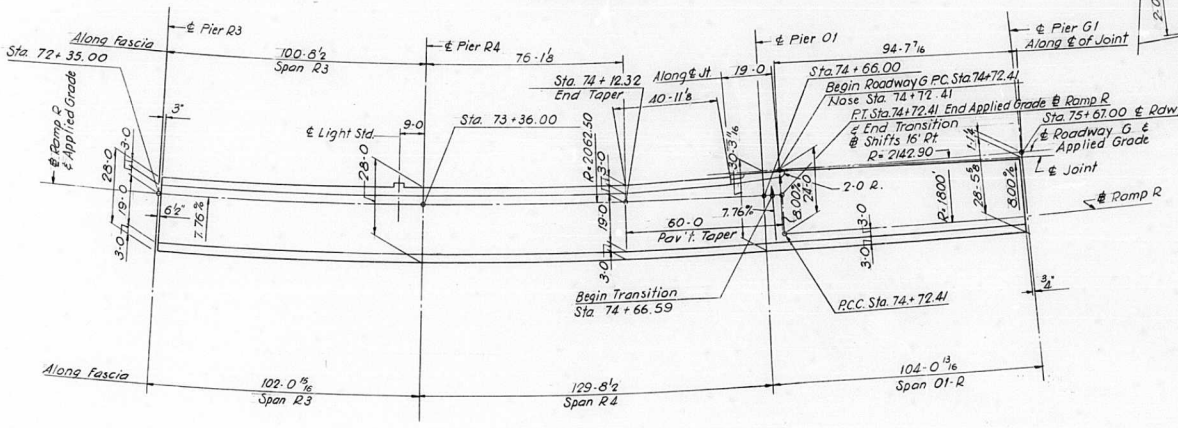


PLAN
Spans R3, R4 & 01-R

DESIGNED BY R.M.R
DRAWN BY K.R.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB

DIMENSION PLAN — SPANS 01, 02, 03; R3, R4, 01-R

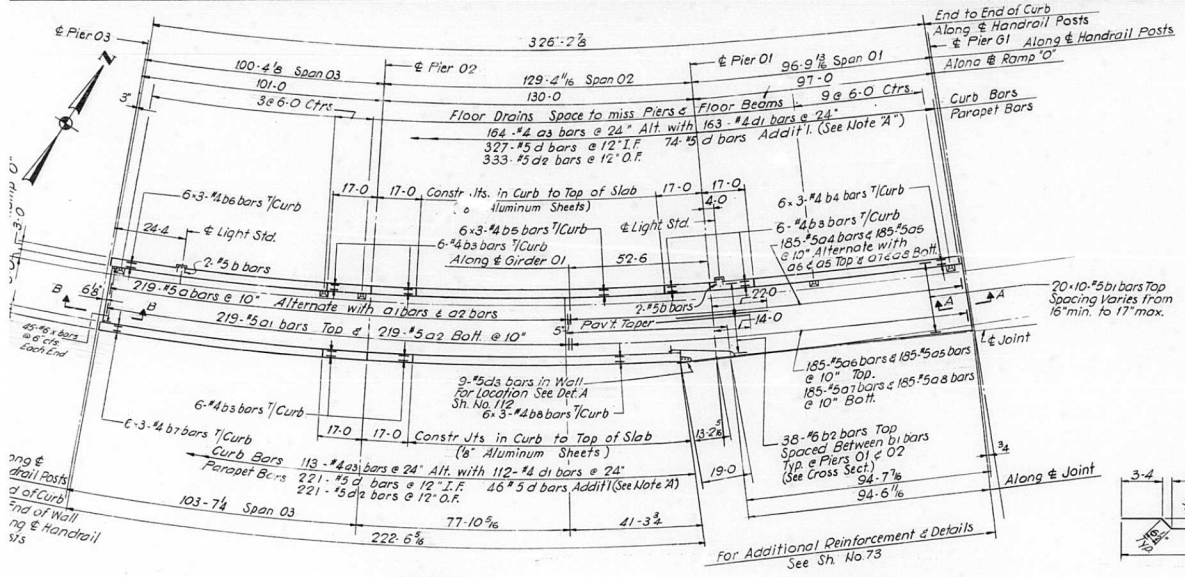
POPLAR STREET BRIDGE APPROACHES
RAMPS "O" AND "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

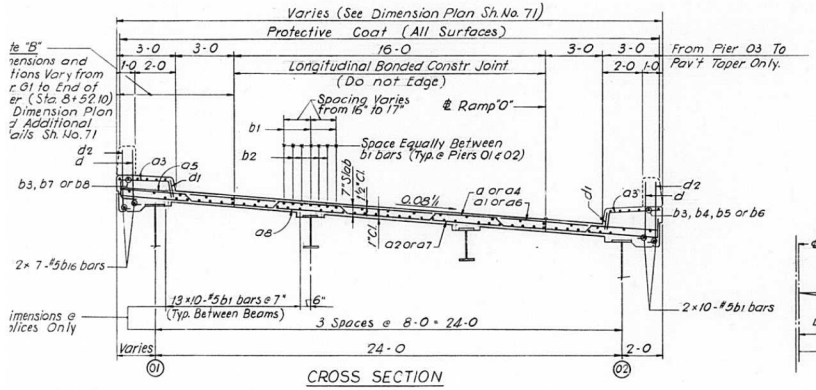
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 71 of 528

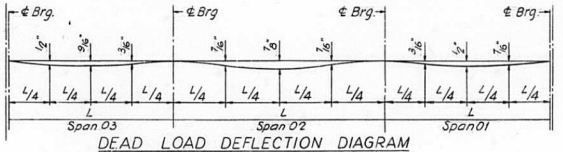
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	125
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



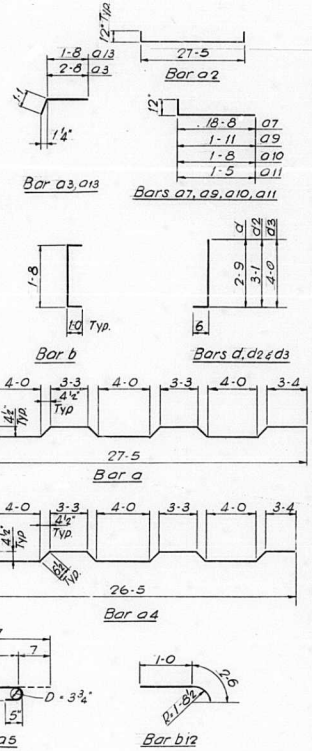
PLAN
Spans 03, 02 & 01



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. of Concrete Only)



BILL OF MATERIAL

Bar	No	Size	Length	Shape
72a	219	#5	28-5	~
72a1	219	#5	27-5	—
72a2	219	#5	29-5	⌊
72a3	277	#4	3-9	⌐
72a4	185	#5	27-5	~
72a5	370	#5	6-7	⌐
72a6	185	#5	26-5	—
72a7	185	#5	19-8	⌊
72a8	185	#5	12-6	—
72a9	36	#5	2-11	⌊
72a10	16	#5	2-8	⌊
72a11	64	#5	2-5	⌊
72a12	10	#4	2-4	—
72a13	23	#4	2-9	⌐
72a14	10	#4	1-8	—
72x	90	#6	4-9	⊏
72b	4	#5	3-8	⊏
72b1	610	#5	34-7	—
72b2	76	#6	36-0	—
72b3	36	#4	16-9	—
72b4	18	#4	27-4	—
72b5	18	#4	32-7	—
72b6	18	#4	28-8	—
72b7	18	#4	29-6	—
72b8	18	#4	33-9	—
72b9	13	#6	26-6	—
72b10	8	#6	31-3	—
72b11	26	#6	33-6	—
72b12	1	#4	3-6	⌐
72b13	4	#4	12-8	—
72b14	3	#4	5-9	—
72b15	5	#6	22-0	--
72b16	14	#5	32-9	—
72d	668	#5	3-3	⌋
72d1	275	#4	1-1	—
72d2	554	#5	3-7	⌋
72d3	9	#5	4-6	⌋

* See Note "X" Sh. No. 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	275.4
Reinforcement Bars	Lbs.	76,180
Protective Coat	Sq. Yds.	1176

Note:
For Notes & Misc. Details See Sh. No. 35
For Section A-A & Section B-B
See Sh. No. 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS 01 THRU 03
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

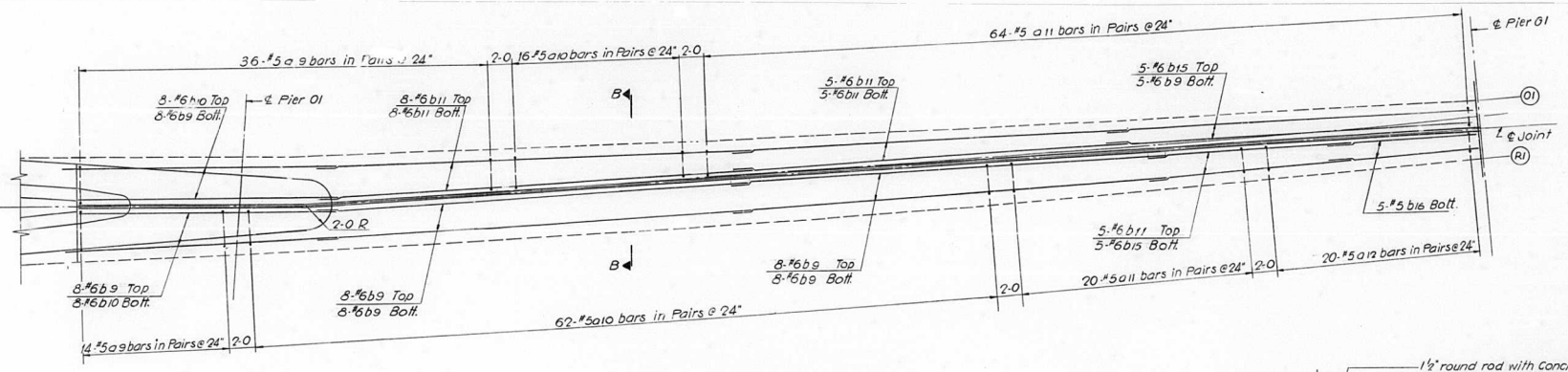
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

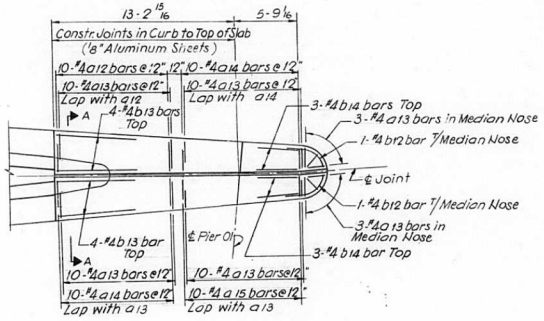
SHEET 72 of 526

DESIGNED BY R.M.R.
DRAWN BY V.C.
CHECKED BY W.J.F.
REMOVED BY K.A.

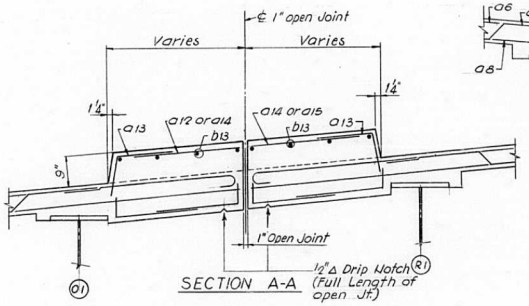
Rev. Reinf. from 75,540# to 76,180# Added bars 72x 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	126
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

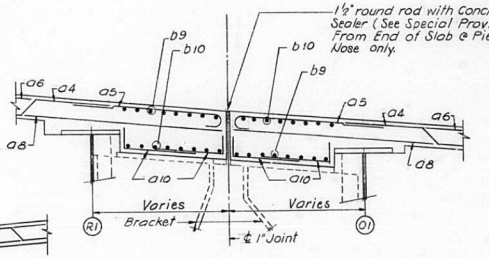




REINFORCEMENT PLAN MEDIAN NOSE



SECTION A-A



SECTION B-B

Note:
For Bill of Material & Location of Details see Sh. No. 72 & 82

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

S L A B

DETAILS-SPANS 01 THRU 03 & R3, R4 & 01-R
POPLAR STREET BRIDGE APPROACHES
RAMPS "O" & "R"

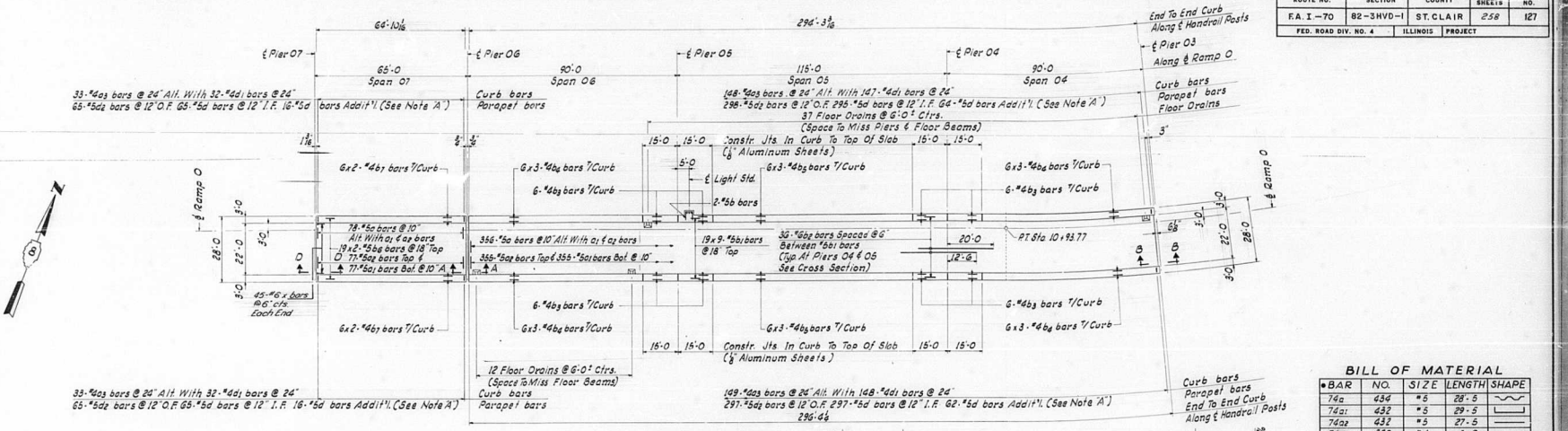
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

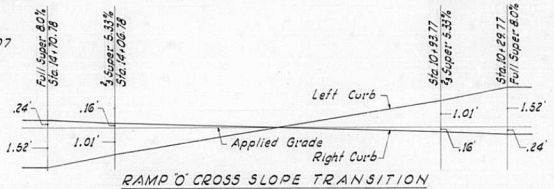
SHEET 73 OF 526

DESIGNED BY R.M.R.
DRAWN BY K.R.
CHECKED BY W.J.F.
APPROVED BY A.R.

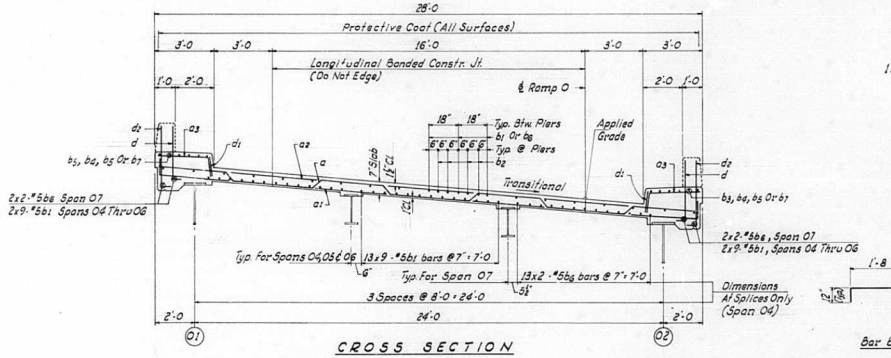
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-I	ST. CLAIR	258	127
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



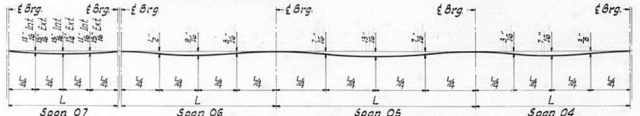
PLAN
SPANS 04 THRU 06 & 07



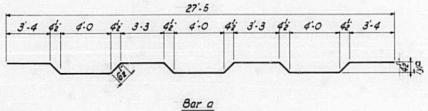
RAMP 'O' CROSS SLOPE TRANSITION



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)





BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
74a	434	#8	28-5	
74a1	432	#5	29-5	
74a2	432	#5	27-5	
74a3	363	#4	3-9	
74b	2	#5	3-8	
74b1	558	#5	33-10	
74b2	72	#6	32-6	
74b3	48	#4	14-9	
74b4	72	#4	28-1	
74b5	36	#4	28-11	
74b6	124	#8	32-11	
74b7	24	#4	32-9	
74d	880	#5	3-3	
74d1	359	#4	1-1	
74d2	725	#5	3-8	
74x	90	#6	4'9"	

• See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	307.4
Reinforcement Bars	Lbs.	76,330
Protective Coat	Sq. Yds.	1279

Notes:
For Notes And Misc. Details See Sh. № 35
For Sections A-A, B-B & D-D See Sh. № 362, 363 & 364.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS 04 THRU 07
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

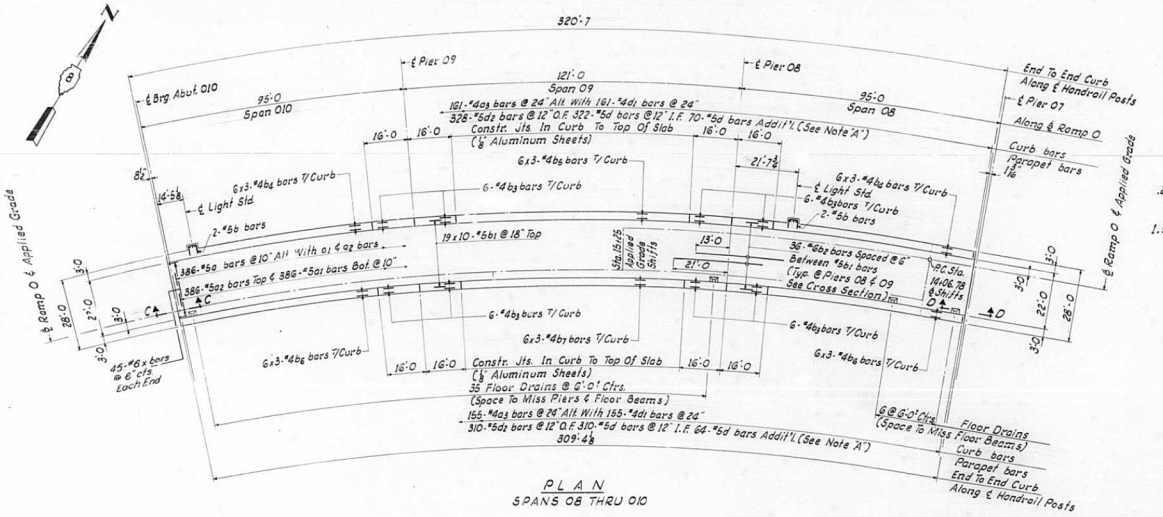
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 74 OF 52U

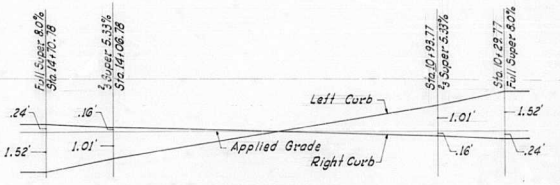
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 75,090# to 76,330#. Added bars 74x. 6-3-66. N.A.F.

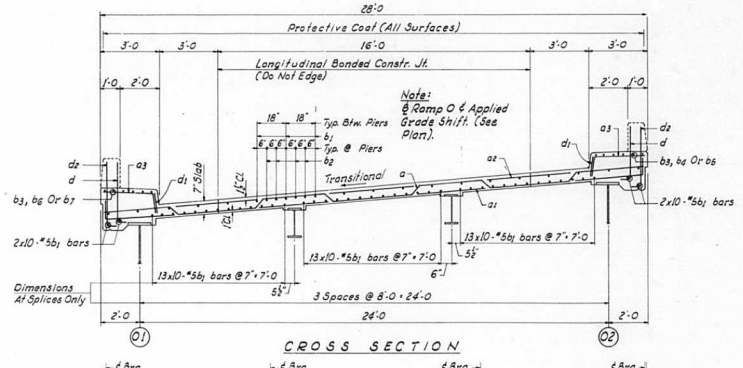
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	128
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



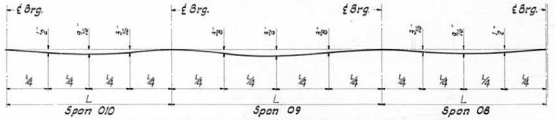
PLAN
SPANS 08 THRU 010



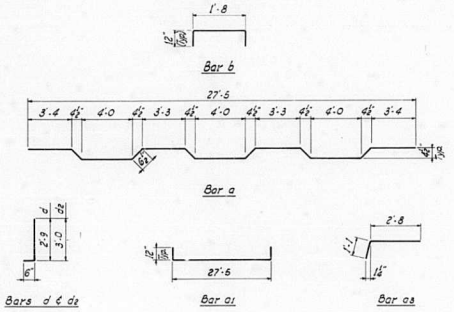
RAMP 'O' CROSS SLOPE TRANSITION



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
75a	386	#5	28-5	
75a1	386	#5	29-5	
75a2	386	#5	27-5	
75a3	316	#4	3-9	
75b	4	#5	3-8	
75b1	620	#5	33-0	
75b2	72	#8	34-0	
75b3	48	#4	16-9	
75b4	36	#4	28-2	
75b5	18	#4	31-5	
75b6	36	#4	26-11	
75b7	18	#4	29-11	
75d	766	#5	3-3	
75d1	316	#4	1-1	
75d2	638	#5	3-6	
75x	90	#6	4-9	

• See Note 'X' Sh. Nº 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	267.3
Reinforcement Bars	Lbs.	68,510
Protective Coat	Sq. Yds.	1119

Notes:
For Notes And Misc. Details See Sh. Nº 35.
For Sections C-C ℄ D-D See Sh. Nº 362 & 364.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS 08 THRU 010
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

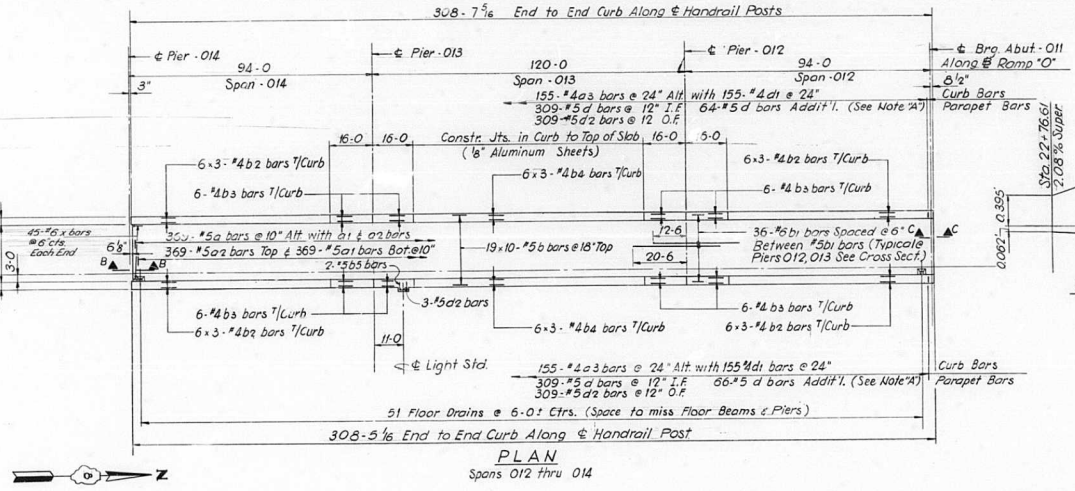
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

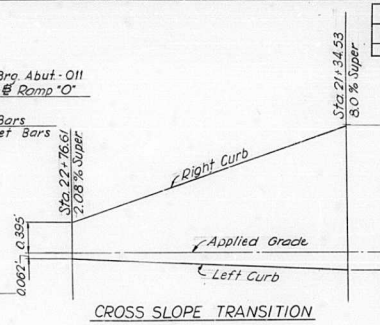
SHEET 75 OF 516

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 67,810# to 68,510# Added bars 75x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	129
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		





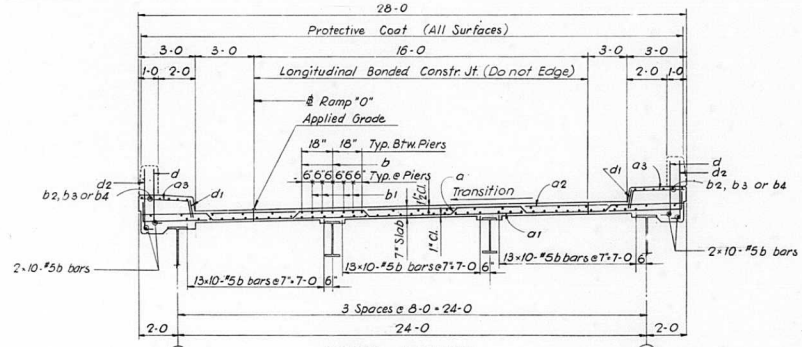
CROSS SLOPE TRANSITION

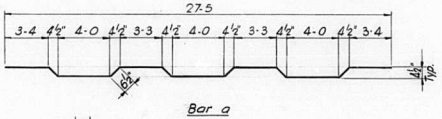
BILL OF MATERIAL

*BAR	NO.	SIZE	LENGTH	SHAPE
76a	369	#5	28-5	
76a1	369	#5	29-5	
76a2	369	#5	27-5	
76a3	310	#4	3-9	
76b	620	#5	31-10	
76b1	72	#6	33-0	
76b2	72	#4	26-11	
76b3	48	#4	15-5	
76b4	36	#4	30-1	
76b5	2	#5	3-8	
76d	748	#5	3-3	
76d1	310	#4	1-1	
76d2	621	#5	3-6	
76x	90	#6	4-9	

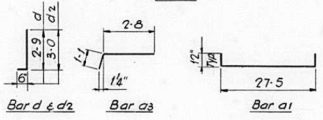
* See Note "X" Sh. No. 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	269.2
Reinforcement Bars	Lbs.	65,940
Protective Coat	Sq. Yds.	1096

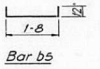




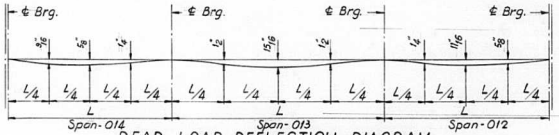
Bar a



Bar d & d2 Bar a3 Bar a1



Bar b5



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. Of Concrete Only)

Notes:
For Notes, Sections & Details See Sh. No. 35
For Section B-B & C-C See Sh. No.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS 012 THRU 014
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

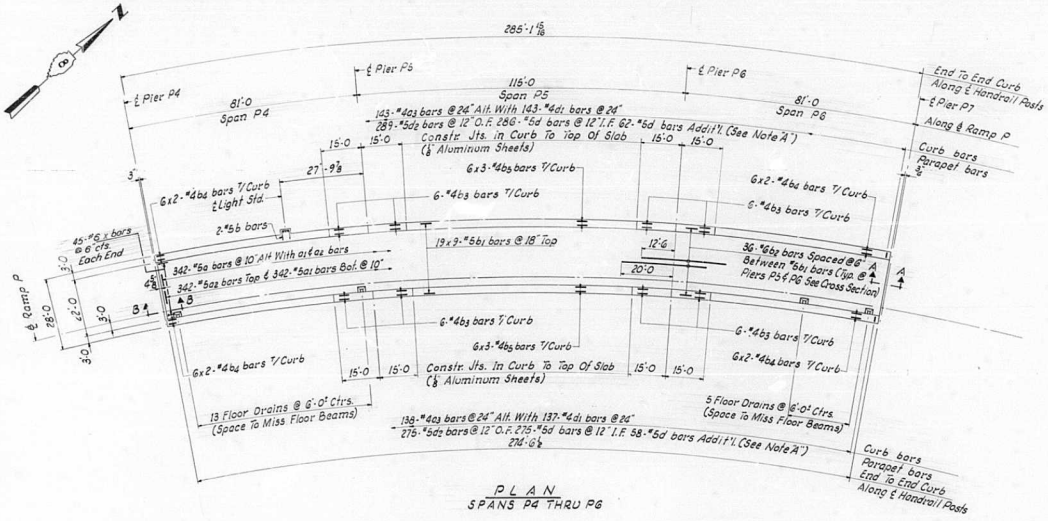
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 76 of 526

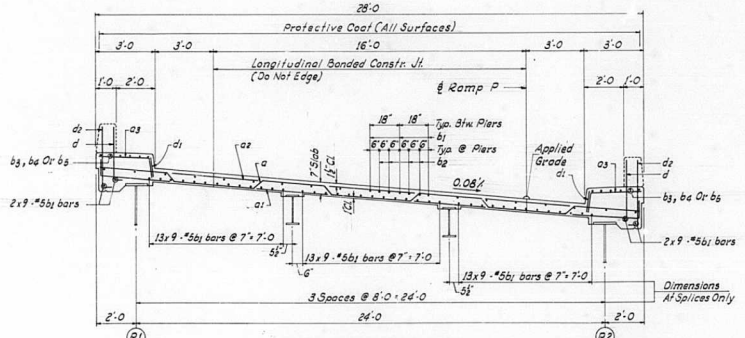
DESIGNED BY R.M.R.
DRAWN BY T.E.
CHECKED BY R.M.R.
APPROVED BY K.A.

Rev. Reinf. from 65,300# to 65,940# Added bars 76x. 6-3-66 N.R.F.

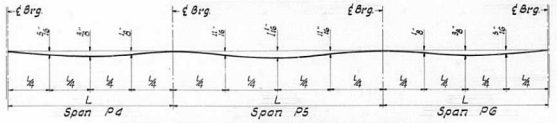
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	130
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



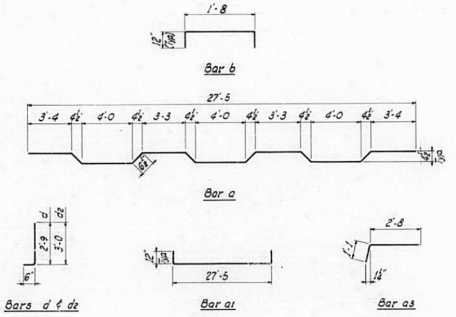
PLAN
SPANS P4 THRU P6



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
77a	342	#5	28'-5	
77a1	342	#5	29'-5	
77a2	342	#5	27'-5	
77a3	281	#4	3'-9	
77b	2	#5	3'-8	
77b1	558	#5	32'-7	
77b2	72	#6	32'-6	
77b3	48	#4	14'-9	
77b4	48	#4	34'-7	
77b5	36	#4	30'-1	
77d	681	#5	3'-3	
77d1	280	#4	1'-1	
77d2	564	#5	3'-6	
77x	90	#6	4'-9"	

• See Note X Sh. № 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	238.3
Reinforcement Bars	Lbs.	61,110
Protective Coat	Sq. Yds.	994

Notes:
For Notes And Misc. Details See Sh. № 35
For Sections A-A & B-B See Sh. № 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS P4 THRU P6
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

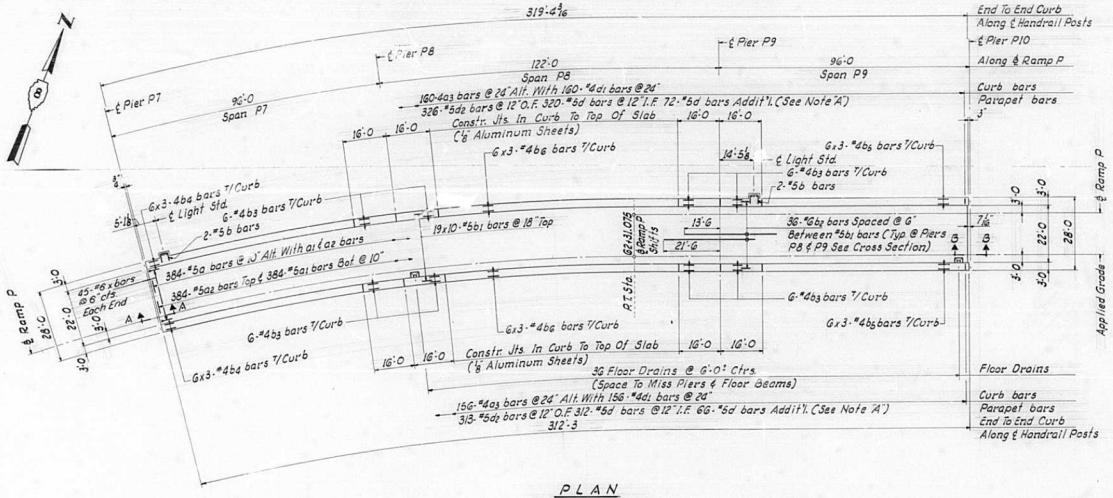
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 77 OF 526

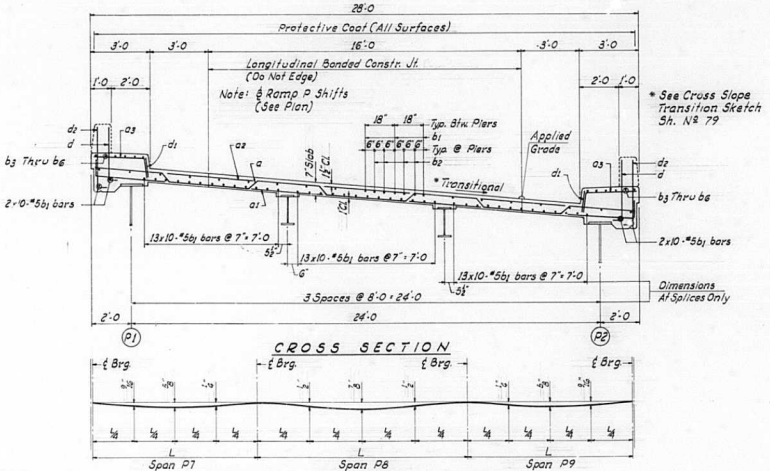
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 60,470# to 61,110#. Added bars 77x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	131
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

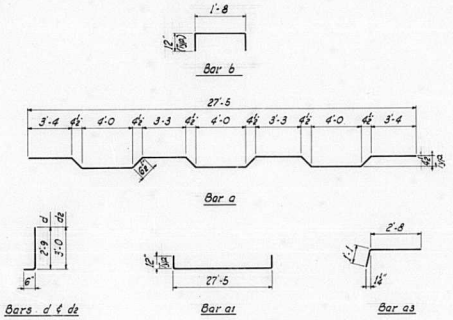


PLAN
SPANS P7 THRU P9



CROSS SECTION

DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
78 a	384	#5	28'-5	
78 a1	384	#5	29'-5	
78 a2	384	#5	27'-5	
78 a3	316	#4	3'-9	
78 b	6	#5	3'-8	
78 b1	620	#5	32'-11	
78 b2	72	#6	35'-0	
78 b3	48	#4	15'-9	
78 b4	36	#4	28'-3	
78 b5	36	#4	27'-2	
78 b6	36	#4	31'-6	
78 d	770	#5	3'-3	
78 d1	316	#4	1'-1	
78 d2	639	#5	3'-6	
78 x	90	#6	4'-7"	

• See Note X Sh. Nº 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	2690
Reinforcement Bars	Lbs.	68430
Protective Coat	Sq. Yds.	1122

Notes:
For Notes And Misc. Details See Sh. Nº 35.
For Sections A-A ℄ B-B See Sh. Nº 382 ℄ 383.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS P7 THRU P9
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

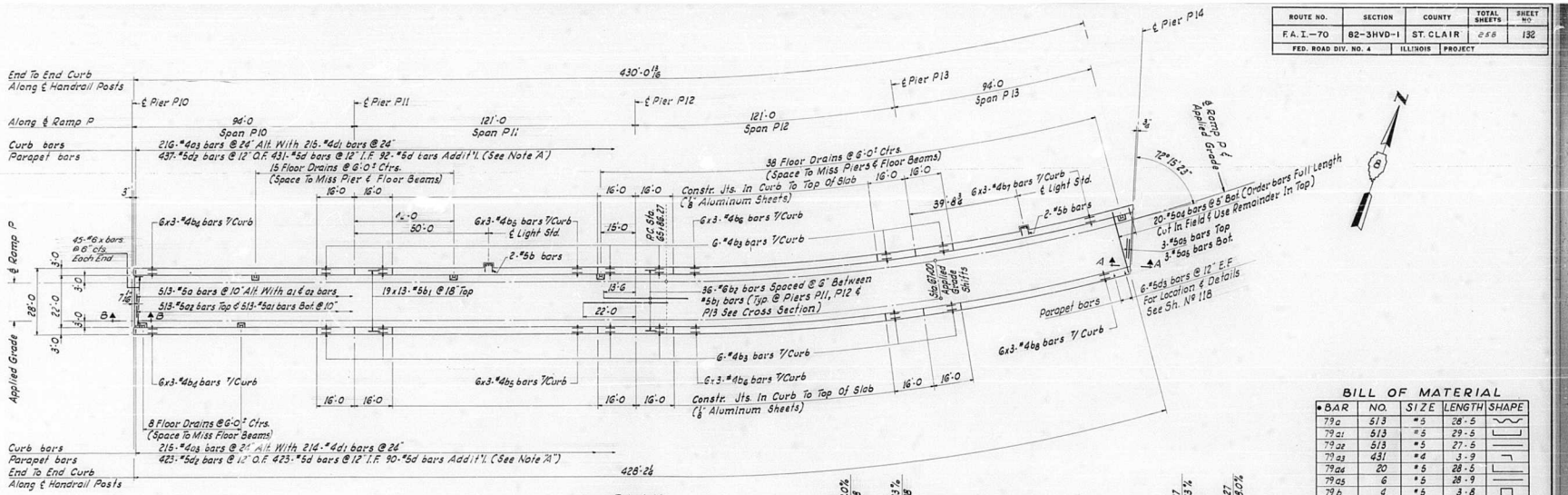
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 78 OF 526

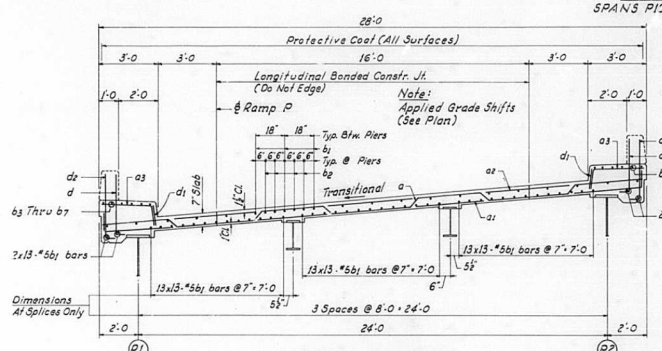
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 67,700# to 68,430#. Added bars 78x. 6-3-66 N.R.F.

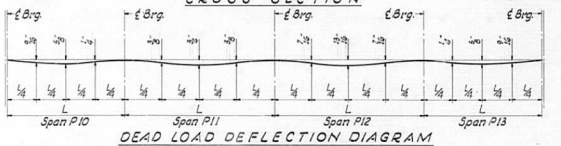
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	132
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



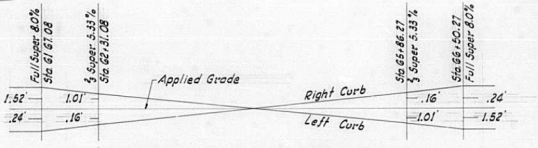
PLAN
SPANS P10 THRU P13



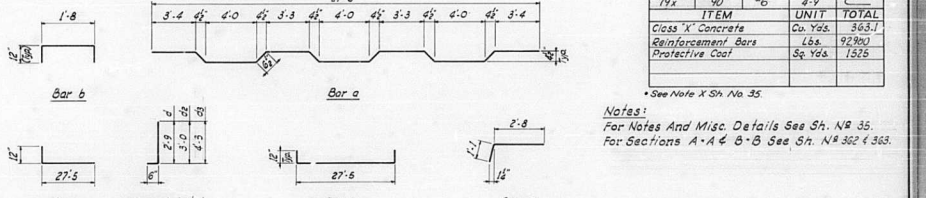
CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



RAMP P CROSS SLOPE TRANSITION



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
79a	513	#5	28'-5	
79a1	513	#5	29'-5	
79a2	513	#5	27'-5	
79a3	431	#4	3'-9	
79a4	20	#5	28'-5	
79a5	6	#5	28'-9	
79b	4	#5	3'-8	
79b1	806	#5	34'-0	
79b2	108	#6	36'-6	
79b3	72	#4	15'-9	
79b4	36	#4	26'-6	
79b5	36	#4	30'-3	
79b6	36	#4	31'-3	
79b7	18	#4	26'-11	
79b8	18	#4	25'-2	
79d	1036	#5	3'-3	
79d1	429	#4	1'-1	
79d2	860	#5	3'-6	
79d3	12	#5	4'-9	
79x	90	#6	4'-9"	

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	363.1
Reinforcement Bars	Lbs.	92,980
Protective Coat	Sq. Yds.	1,525

• See Note X Sh. No 35.

Notes:
For Notes And Misc. Details See Sh. No 35.
For Sections A-A & B-B See Sh. No 362 & 363.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS P10 THRU P13

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

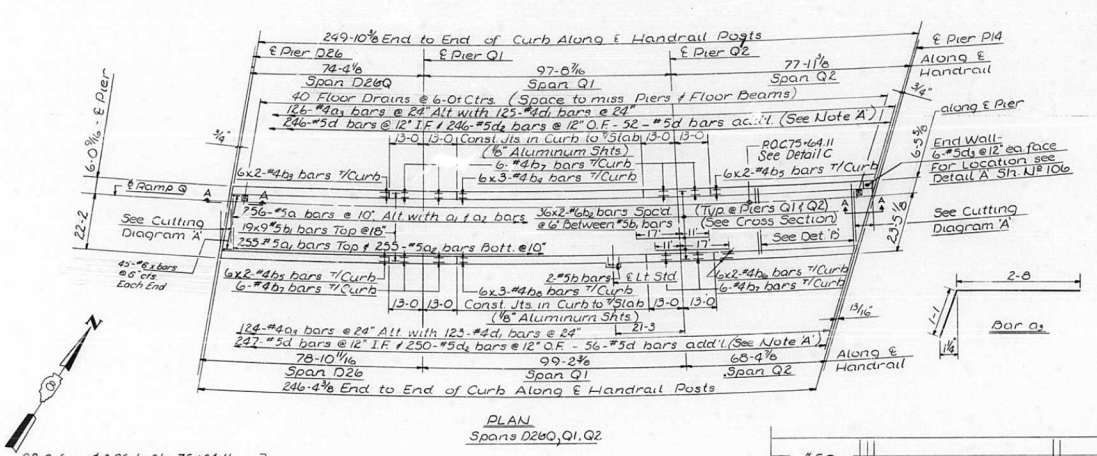
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

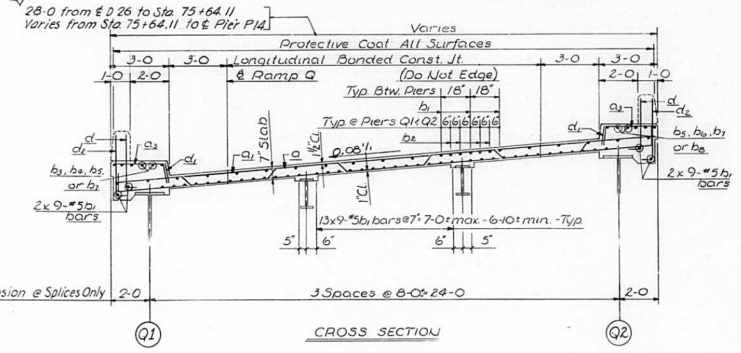
SHEET 79 OF 526

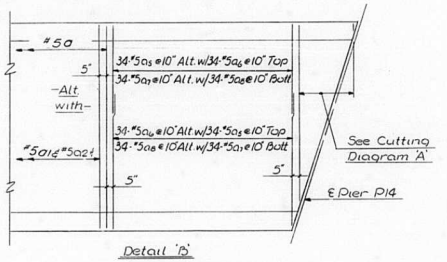
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY [illegible]

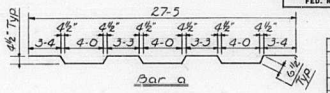
Rev. Reinf. from 92,340# to 92,980# Added bars 79x. 6-3-66 N.R.F.

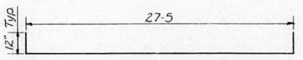
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
F.A.I.–70	82–3HVD–I	ST. CLAIR	268	193
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

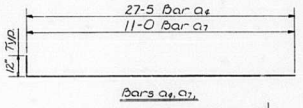


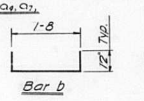


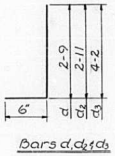




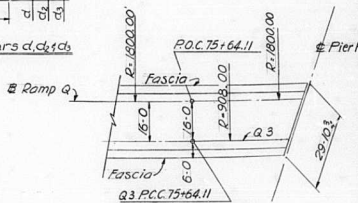


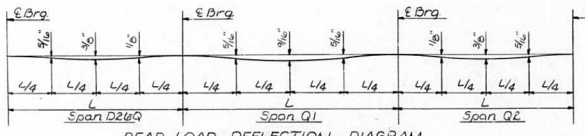


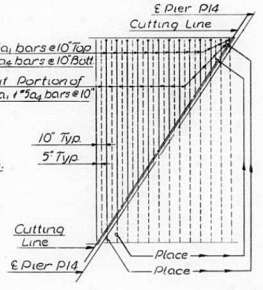


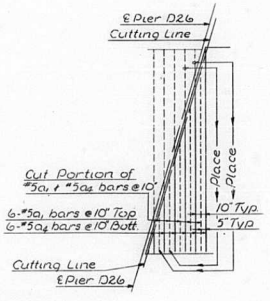


Note:
For Notes & Misc. Details see Sh. No. 35
For Section A-A see Sh. No. 362









BILL OF MATERIAL

• Bar	No	Size	Length	Shape
80a	256	#5	28-9	
80a1	274	#5	27-5	
80a2	255	#5	29-5	
80a3	250	#4	3-9	
80a4	19	#5	28-5	
80a5	68	#5	7-8	
80a6	68	#5	24-0	
80a7	68	#5	12-0	
80a8	68	#5	20-0	
80b	2	#5	3-8	
80b1	558	#5	28-9	
80b2	72	#6	26-0	
80b3	12	#4	31-0	
80b4	18	#4	24-7	
80b5	24	#4	33-3	
80b6	12	#4	27-8	
80b7	48	#4	12-9	
80b8	18	#4	25-0	
80d	601	#5	3-3	
80d1	208	#4	1-1	
80d2	496	#5	3-5	
80d3	12	#5	4-8	
80x	90	#6	4-9	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	209.1
Reinforcement Bars	Lbs.	55,450
Protective Coat	Sq. Ft.	882

• See Note 'X' Sh. No 35

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS D26-Q, Q1 AND Q2
POPLAR STREET BRIDGE APPROACHES
RAMP "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

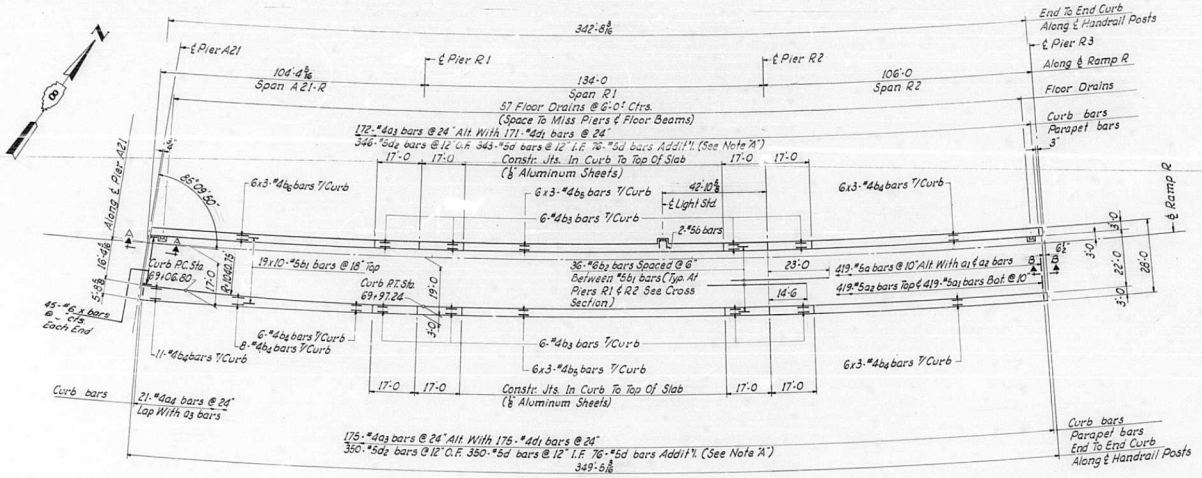
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 80 OF 526

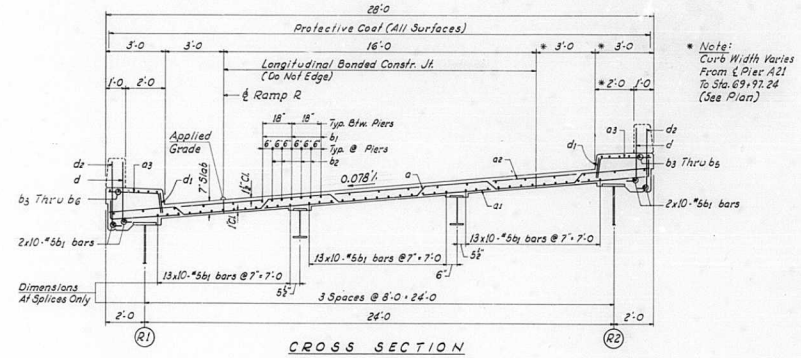
DESIGNED BY R.M.F.
DRAWN BY J.W.A.
CHECKED BY W.J.A.
APPROVED BY R.A.

Rev. Reinf. from 54,810# to 55,450#. Added bars 80x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	134
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

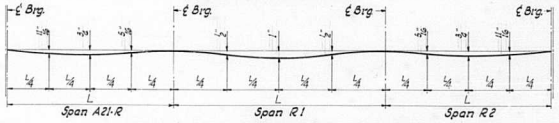


PLAN
SPANS A21-R, R1 & R2

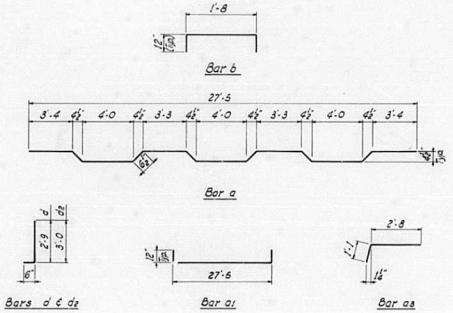


CROSS SECTION

* Note:
Curb Width Varies From ℄ Pier A21 To Sta. 69+97.24 (See Plan)



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
B1 a	419	#5	28'-5	
B1 a1	419	#5	29'-5	
B1 a2	419	#5	27'-5	
B1 a3	347	#4	3'-9	
B1 a4	21	#4	3'-8	
B1 b	2	#5	3'-8	
B1 b1	620	#5	35'-11	
B1 b2	72	#6	37'-6	
B1 b3	48	#4	16'-9	
B1 b4	61	#4	30'-8	
B1 b5	36	#4	34'-5	
B1 b6	18	#4	29'-6	
B1 d	645	#5	3'-3	
B1 d1	346	#4	1'-1	
B1 d2	698	#5	3'-6	
B1 x	90	#6	41'-9	

• See Note X Sh. No 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	29'-.7
Reinforcement Bars	Lbs.	74,730
Protective Coat	Sq. Yds.	1229

Notes:
For Notes And Misc. Details See Sh. No 35
For Sections A-A & B-B See Sh. No 362 & 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS A21-R, R1 AND R2
POPLAR STREET BRIDGE APPROACHES
RAMP "R"

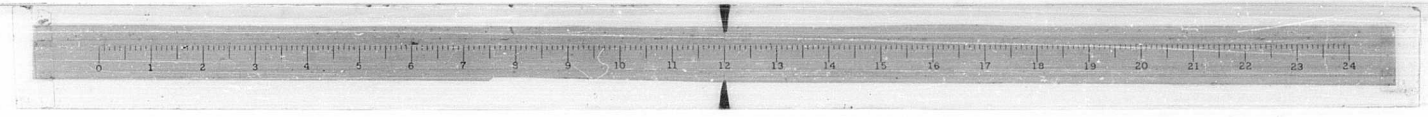
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

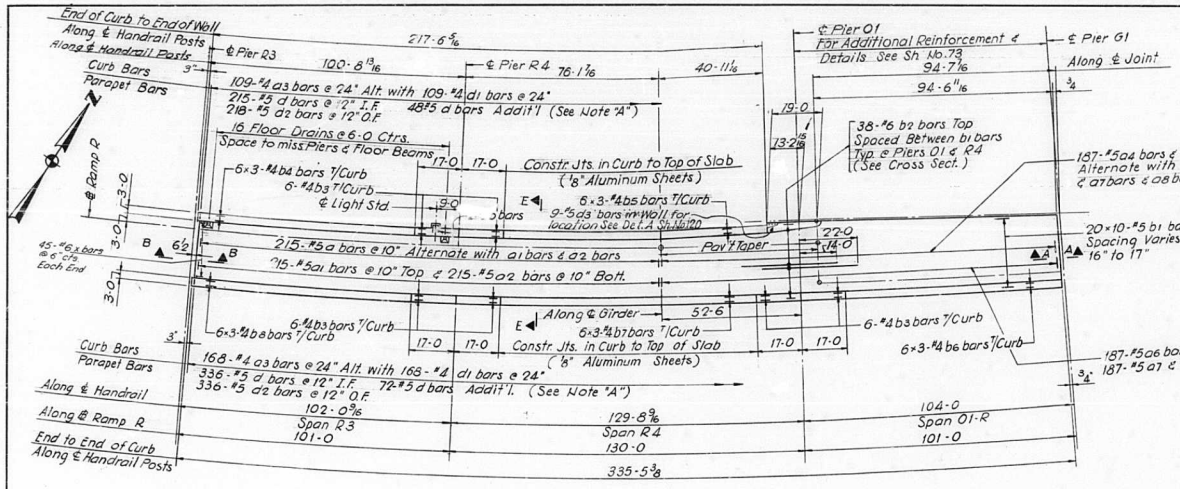
SHEET
81 OF 316

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

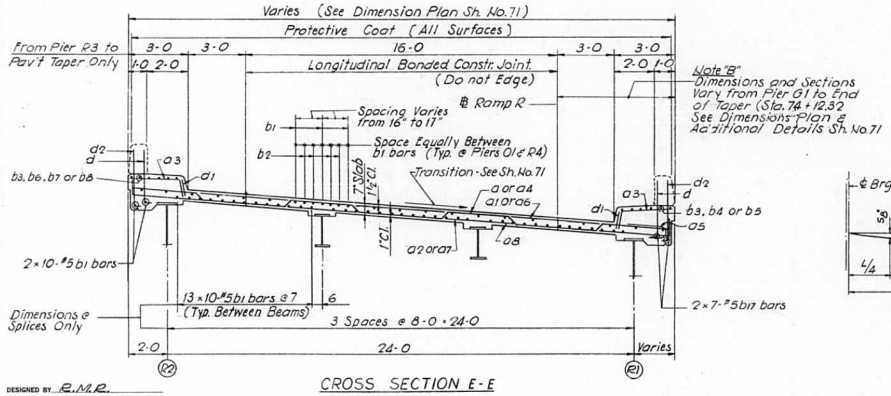
Rev. Reinf. From 74,090# to 74,730# Added bars B1 x. 6-3-66 N.R.F.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	135
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

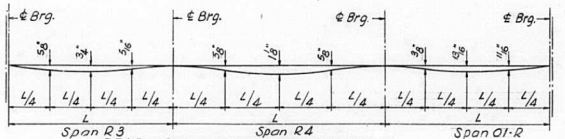


PLAN
Span R3, R4 & 01-R



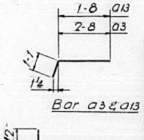
CROSS SECTION E-E

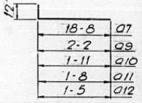
Note "B"
Dimensions and Sections Vary from Pier G1 to End of Taper (Sta. 74+12.32 See Dimensions Plan & Additional Details Sh. No. 71

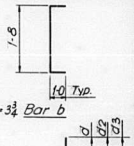


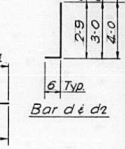
DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS (Wt. Of Concrete Only)

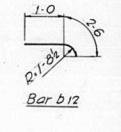
Note:
For Notes & Misc. Details see Sheet No. 35
For Section A-A & Section B-B See Sh. No. 362 & 363











BILL OF MATERIAL

*Bar	No	Size	Length	Shape
B2 a	215	#5	28-5	
B2 a1	215	#5	27-5	
B2 a2	215	#5	29-5	
B2 a3	277	#4	3-9	
B2 a4	187	#5	27-5	
B2 a5	374	#5	6-7	
B2 a6	187	#5	26-5	
B2 a7	187	#5	19-8	
B2 a8	187	#5	12-6	
B2 a9	14	#5	3-2	
B2 a10	62	#5	2-11	
B2 a11	20	#5	2-8	
B2 a12	20	#5	2-5	
B2 a13	23	#4	2-9	
B2 a14	10	#4	2-4	
B2 a15	10	#4	1-8	
B2 b	2	#5	3-8	
B2 b1	610	#5	34-6	
B2 b2	76	#6	36-0	
B2 b3	36	#4	16-9	
B2 b4	18	#4	28-6	
B2 b5	18	#4	34-0	
B2 b6	18	#4	29-9	
B2 b7	18	#4	32-6	
B2 b8	18	#4	28-10	
B2 b9	40	#6	30-0	
B2 b10	8	#6	24-6	
B2 b11	5	#6	33-0	
B2 b12	1	#4	3-6	
B2 b13	4	#4	12-8	
B2 b14	3	#4	5-9	
B2 b15	5	#6	26-10	
B2 b16	5	#6	11-6	
B2 b17	14	#5	31-11	
B2 x	90	#6	4'-0"	
B2 d	671	#5	3-3	
B2 d1	277	#4	1-1	
B2 d2	554	#5	3-6	
B2 d3	9	#5	4-6	

* See Note "X" Sh. No. 35

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds	277.7
Reinforcement Bars	Lbs.	76,210
Protective Coat	Sq. Yds	1,182

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS R3, R4 AND 01-R

POPLAR STREET BRIDGE APPROACHES
RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

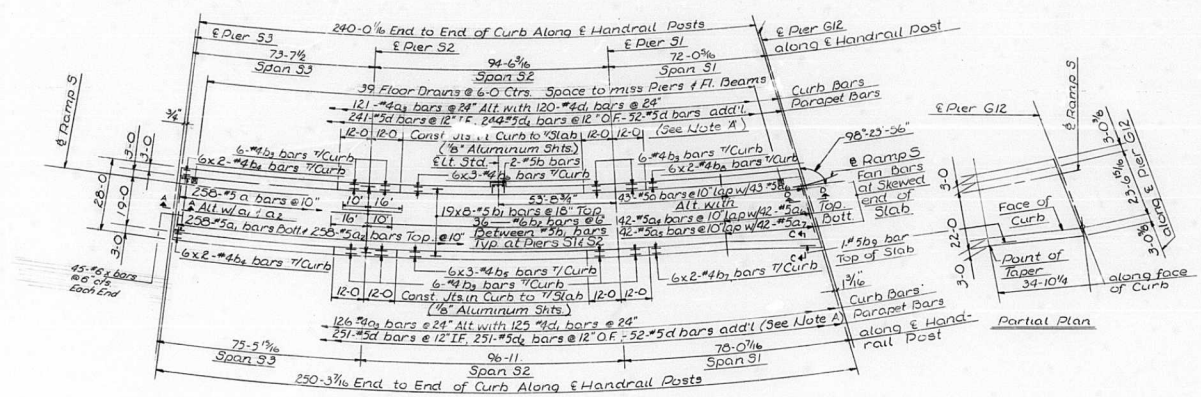
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

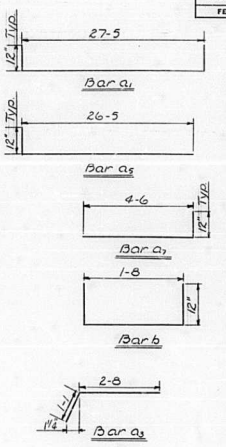
SHEET 82 OF 258

DESIGNED BY R.M.R.
DRAWN BY Y.R.
CHECKED BY W.J.F.
APPROVED BY K.A.

Rev. Reinf. from 75,570# to 76,210# Added bars B2 x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-I	ST. CLAIR	258	136
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	



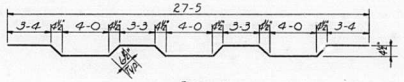


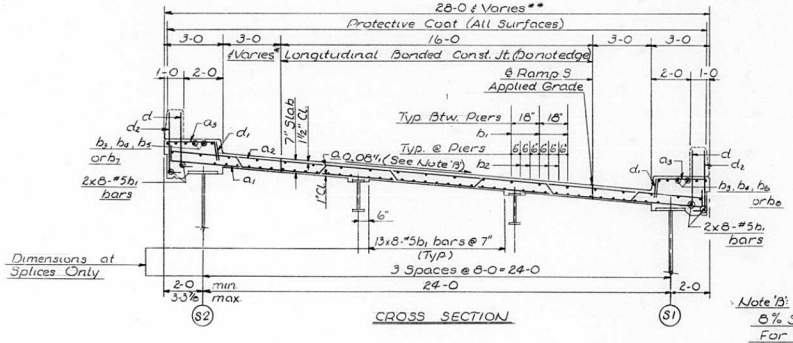
BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
B3 a	301	#5	28-5	
B3 a1	258	#5	29-5	
B3 a2	258	#5	27-5	
B3 a3	247	#4	3-9	
B3 a4	42	#5	26-5	
B3 a5	42	#5	27-5	
B3 a6	85	#5	4-0	
B3 a7	42	#5	4-6	
B3 b	2	#5	3-8	
B3 b1	496	#5	32-3	
B3 b2	72	#6	26-0	
B3 b3	48	#4	11-9	
B3 b4	24	#4	32-8	
B3 b5	18	#4	25-11	
B3 b6	18	#4	24-2	
B3 b7	12	#4	33-3	
B3 b8	12	#4	30-4	
B3 b9	1	#5	30-0	
B3 d	596	#5	3-9	
B3 d1	245	#4	1-1	
B3 d2	495	#5	3-5	
B3 x	90	#6	4-9"	

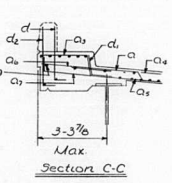
ITEM	UNIT	TOTAL
Class X Concrete	Cu Yds	2071
Reinforcement Bars	Lbs.	53890
Protective Coat	Sq Yds.	874

•See Note X Sh. N° 35

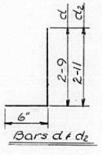




CROSS SECTION



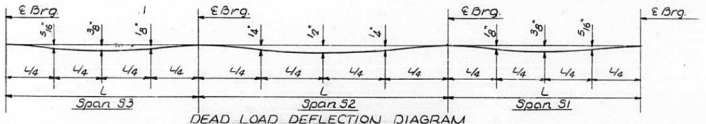
Section C-C



Bars d1 & d2

Note:
For Notes & Misc. Details see Sh. N° 35
For Sections A-A & D-D see Sh. N° 362 & 364

Note 'B':
6% Super from Sta. 3+58.97 to Sta. 5+36.12
For Transition before Sta. 3+58.97 see Sh. N° 62
For Transition after Sta. 5+36.12 see Sh. N° 84



DEAD LOAD DEFLECTION DIAGRAM
Fascia Girders (Wt. of Conc. Only)

Notes:
** Dimension Varies From 28-0 at Point of Taper to 29-3⅞ at ℄ Pier G12.
* Dimension Varies From 3-0 at Point of Taper to 4-5⅞ at ℄ Pier G12.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS S1 THRU S3
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

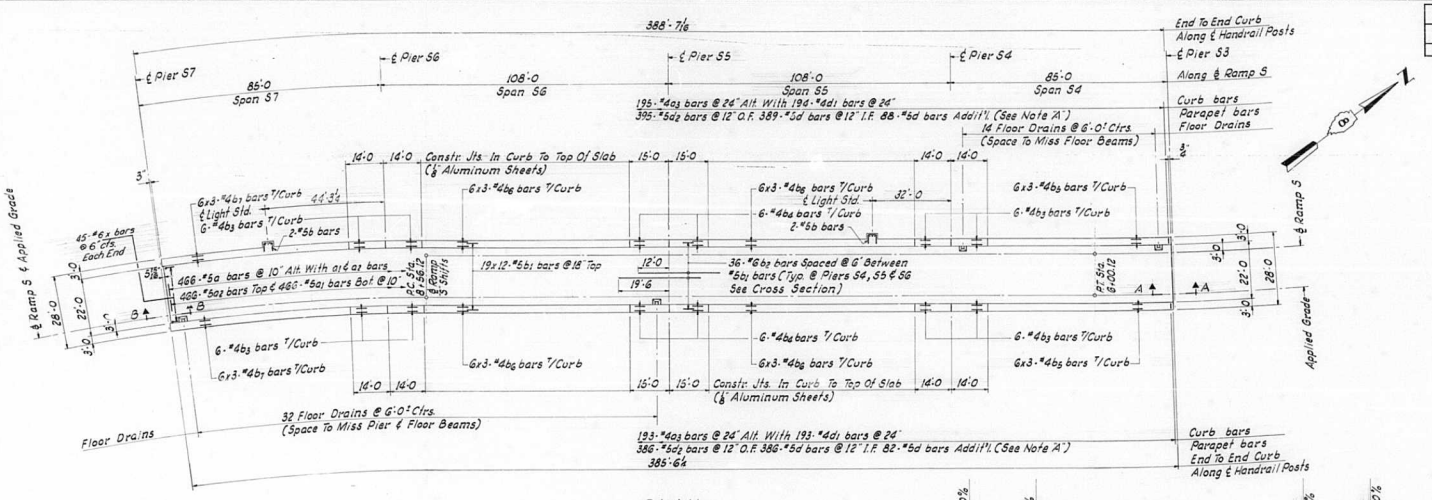
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 83 OF 526

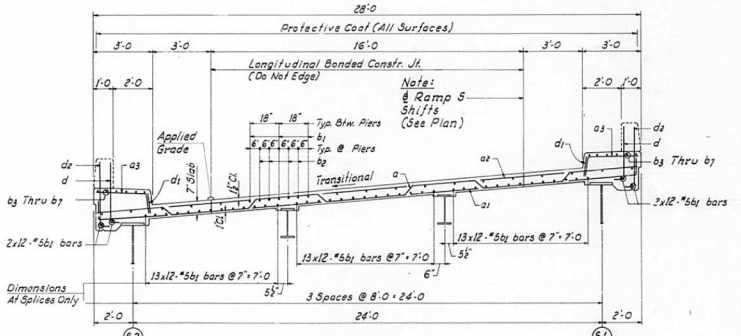
DESIGNED BY R.M.R.
DRAWN BY J.W.A.
CHECKED BY R.M.R.
APPROVED BY K.A.

Rev. Reinf. from 53,250# to 53,890#. Added bars 83x. 6-3-66 N.R.F.

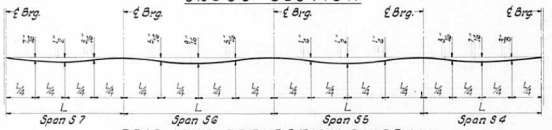
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.—70	82-3HVD-1	ST. CLAIR	258	137
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



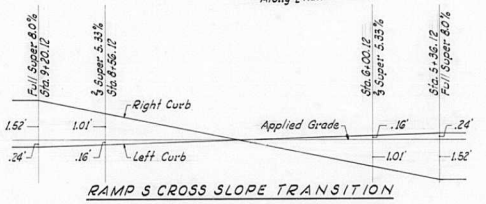
PLAN
SPANS S4 THRU S7



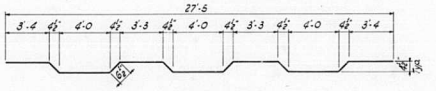
CROSS SECTION



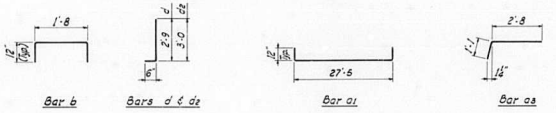
DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



RAMP S CROSS SLOPE TRANSITION



Bar a



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
84a	466	#5	28'-5	
84a1	466	#5	29'-5	
84a2	466	#5	27'-5	
84a3	388	#4	3'-9	
84b	d	#5	3'-8	
84b1	7dd	#5	83'-4	
84b2	108	#6	31'-6	
84b3	48	#4	13'-9	
84b4	24	#4	14'-9	
84b5	36	#4	24'-6	
84b6	72	#4	27'-1	
84b7	36	#4	25'-0	
84d	945	#5	3'-3	
84d1	387	#4	1'-1	
84d2	781	#5	3'-6	
84x	90	#6	4'-9"	

• See Note X Sh. N° 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	328
Reinforcement Bars	Lbs.	83540
Protective Coat	Sq. Yds.	1375

Notes:
For Notes And Misc. Details See Sh. N° 35
For Sections A-A ℄ B-B See Sh. N° 362 ℄ 363

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS S4 THRU S7
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

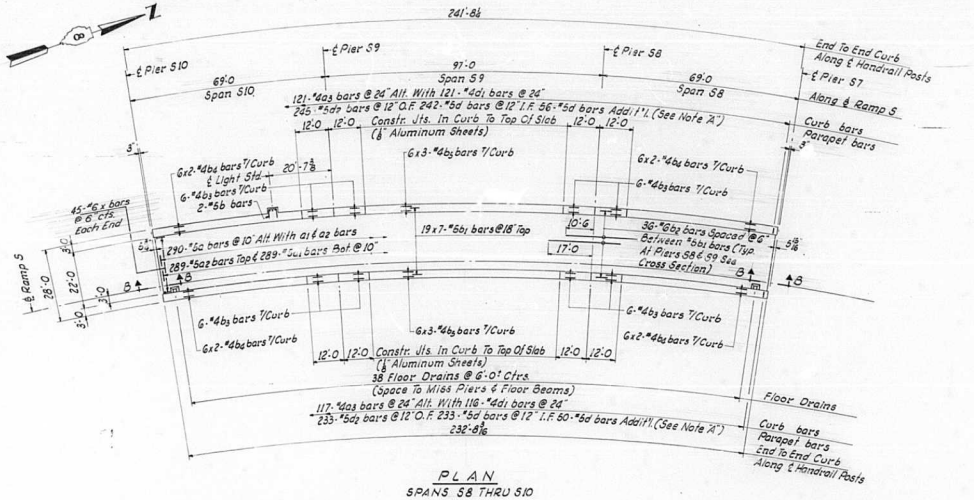
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 84 of 516

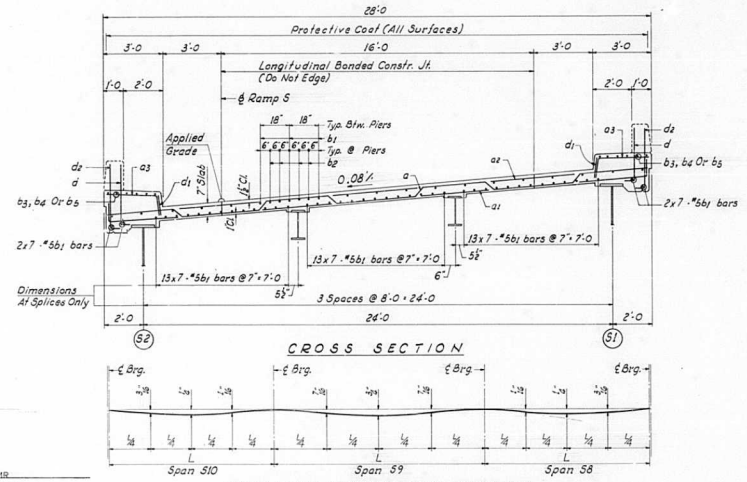
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 82,900# to 83,540# Added bars 84x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	138
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

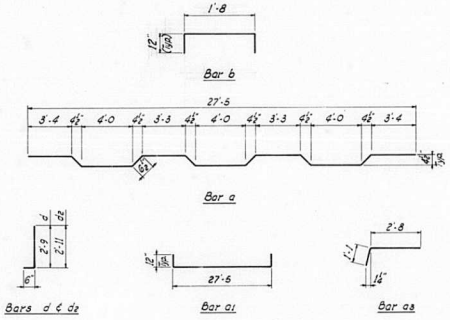


PLAN
SPANS S8 THRU S10



CROSS SECTION

DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR	NO.	SIZE	LENGTH	SHAPE
85a	290	#5	28'-5	
85a1	289	#5	29'-5	
85a2	289	#5	27'-5	
85a3	238	#4	3'-9	
85b	2	#5	3'-8	
85b1	434	#5	35'-6	
85b2	72	#6	27'-6	
85b3	48	#4	11'-9	
85b4	48	#4	29'-10	
85b5	36	#4	25'-11	
85d	581	#5	3'-3	
85d1	237	#4	1'-1	
85d2	478	#5	3'-5	
85x	90	#6	4'-9"	

• See Note x Sh. Nº 35

ITEM	UNIT	TOTAL
Class "K" Concrete	Cu. Yds.	199.9
Reinforcement Bars	Lbs.	51,810
Protective Coat	Sq. Yds.	843

Notes:
For Notes And Misc. Details See Sh. Nº 35.
For Section B-B See Sh. Nº 363.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS S8 THRU S10
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

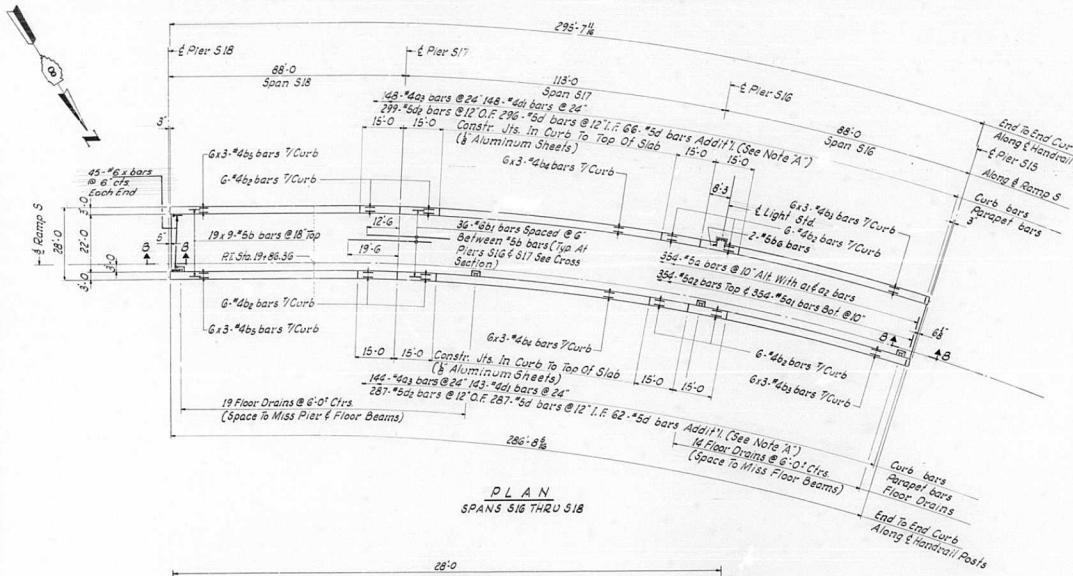
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 85 OF 326

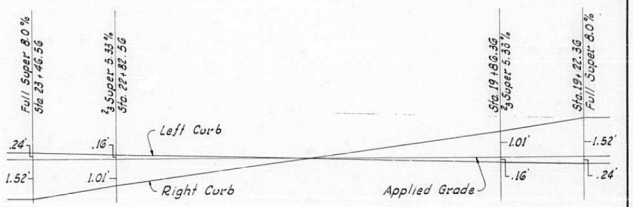
DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 51,170# to 51,810.# Added bars 85x. 6-3-66 N.R.F.

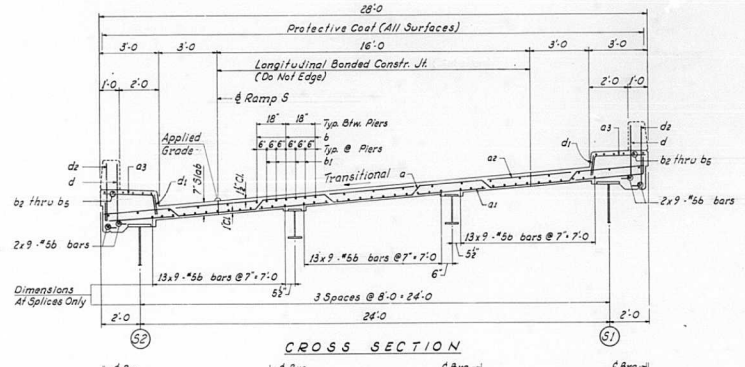
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82-3HVD-1	ST. CLAIR	258	139
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



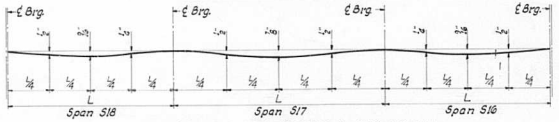
PLAN
SPANS S16 THRU S18



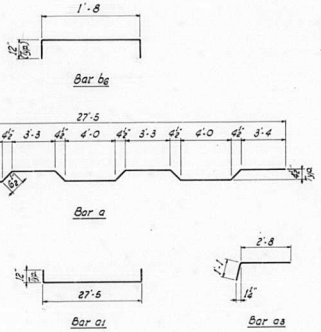
RAMP "S" CROSS SLOPE TRANSITION



CROSS SECTION



DEAD LOAD DEFLECTION DIAGRAM
FASCIA GIRDERS
(Wt. Of Concrete Only)



BILL OF MATERIAL

• BAR NO.	SIZE	LENGTH	SHAPE
86a	#5	28'-5	
86a1	#5	29'-5	
86a2	#5	27'-5	
86a3	#4	3'-9	
86b	#5	33'-10	
86b1	#6	32'-0	
86b2	#4	14'-9	
86b3	#4	26'-9	
86b4	#4	29'-5	
86b5	#4	25'-2	
86b6	#5	3'-8	
86d	#5	3'-3	
86d1	#4	1'-1	
86d2	#5	3'-6	
86x	#6	4'-9"	

• See Note X Sh. Nº 35

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	246.3
Reinforcement Bars	Lbs.	63,100
Protective Coat	Sq. Yds.	1034

Notes:
For Notes And Misc. Details See Sh. Nº 35.
For Section B-B See Sh. Nº 363.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SLAB
SPANS S16 THRU S18
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

ST. CLAIR CO. SECTION 82-3HVD-1

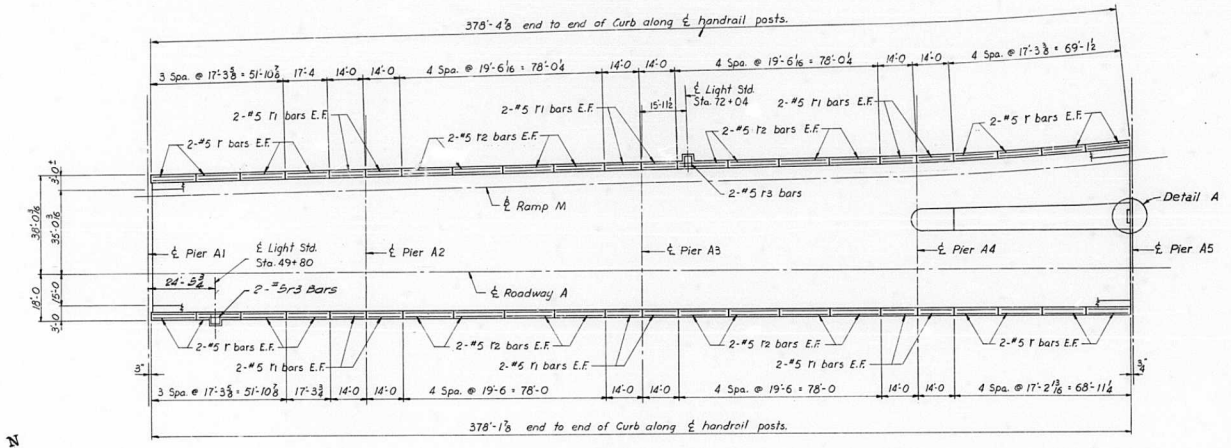
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 86 OF 526

DESIGNED BY RMR
DRAWN BY GRATZ
CHECKED BY RMR
APPROVED BY KA

Rev. Reinf. from 62,480# to 63,120#. Added bars 86x. 6-3-66 N.R.F.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	140
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

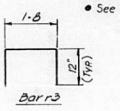


PLAN

PARAPET JOINT SPACING
SPAN A1 THRU A4

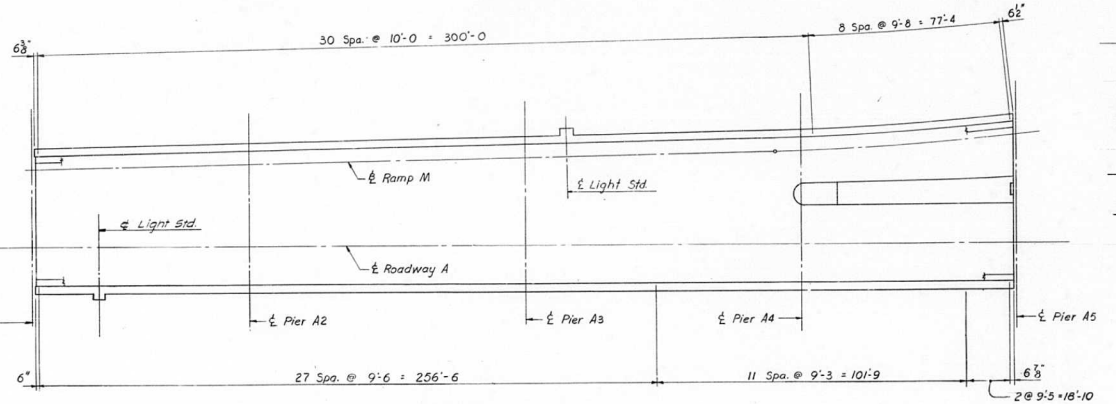
BILL OF MATERIAL				
•BAR	No.	SIZE	LENGTH	SHAPE
87r	64	#5	16-11	——
87r1	48	#5	13-8	——
87r2	64	#5	19-2	——
87r3	4	#5	3-5	⊏
87r4	6	#5	4-9	——
ITEM			UNIT	TOTAL
Class "X" Concrete			Cu. Yds.	392
Reinforcement Bars			Lbs.	3140
Aluminum Handrail			Lin. Ft.	757

• See Note X Sh. No. 35



Bar r3

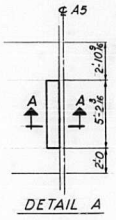




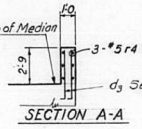
PLAN

HANDRAIL POST SPACING

NOTE:
All dimensions in plan are along ℄ handrail posts.



DETAIL A



SECTION A-A

NOTE:
For Details at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY R.M.R.
DRAWN BY D.C.F.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A1 THRU A4

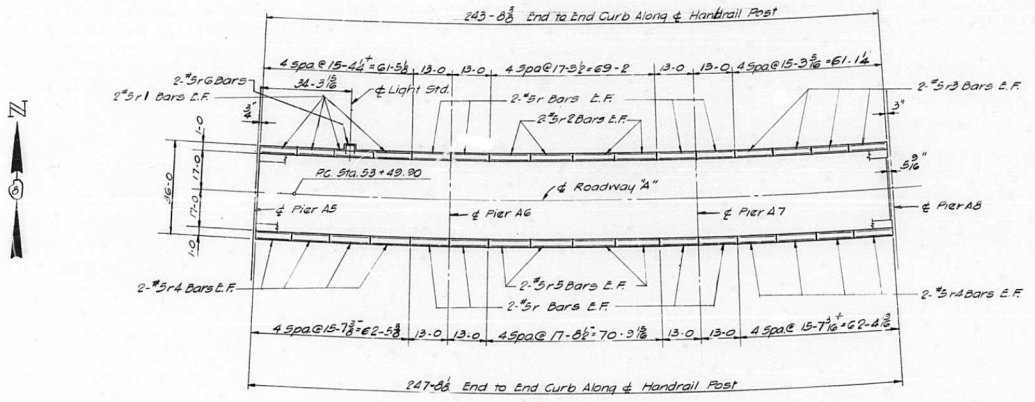
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A" AND RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

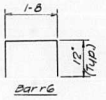
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 87 OF 320

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	141
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans A5, A6, & A7



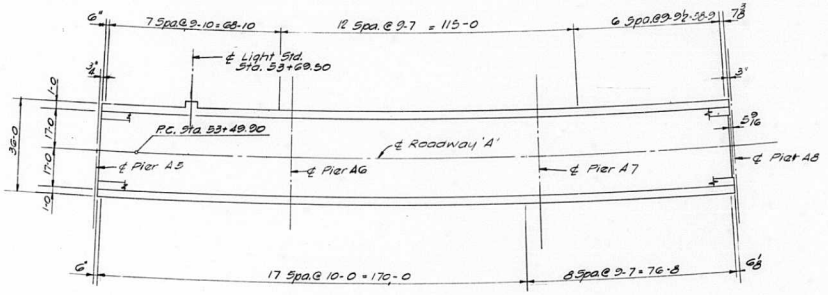
BILL OF MATERIAL

*BAR	NO	SIZE	LENGTH	SHAPE
88r	32	#5	12-8	——
88r1	32	#5	18-0	——
88r2	16	#5	17-0	——
88r3	16	#5	14-11	——
88r4	32	#5	15-4	——
88r5	16	#5	17-4	——
88r6	2	#5	3-8	⊏

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu.Yds.	25.1
Reinforcement Bars	Lbs.	2260
Aluminum Handrail	Lin.Ft.	492

• See Note 'X' Sheet No. 35

NOTE:
All dimensions in plan are along ℄ of handrail post



PLAN
Handrail Post Spacing

NOTE:
For Details of Light Std see Sheet No. 35
for Handrail & Parapet Joint Details
see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A5 THRU A7

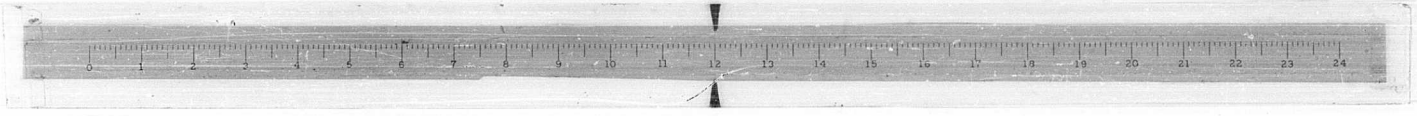
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

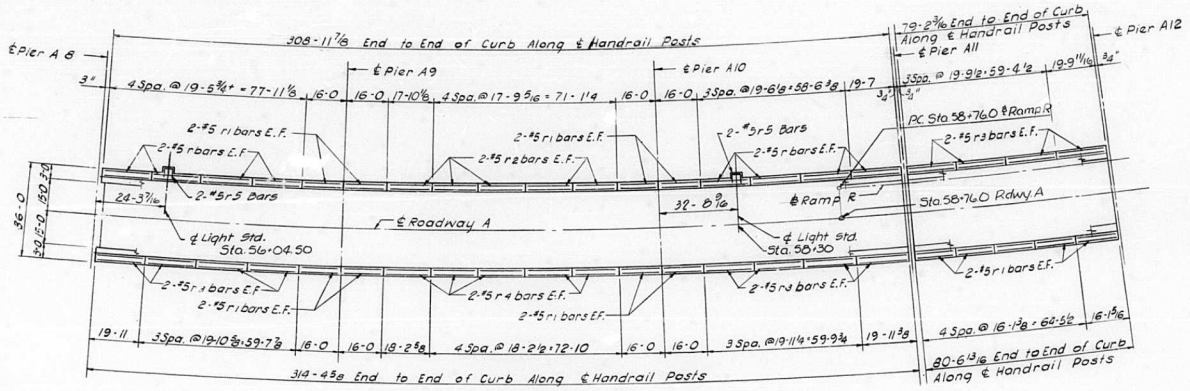
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 88 OF 526

DESIGNED BY R.M.R.
DRAWN BY R
CHECKED BY W.J.K.
APPROVED BY K.A.



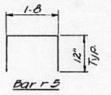
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I.–70	82–3HVD–1	ST. CLAIR	258	142
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



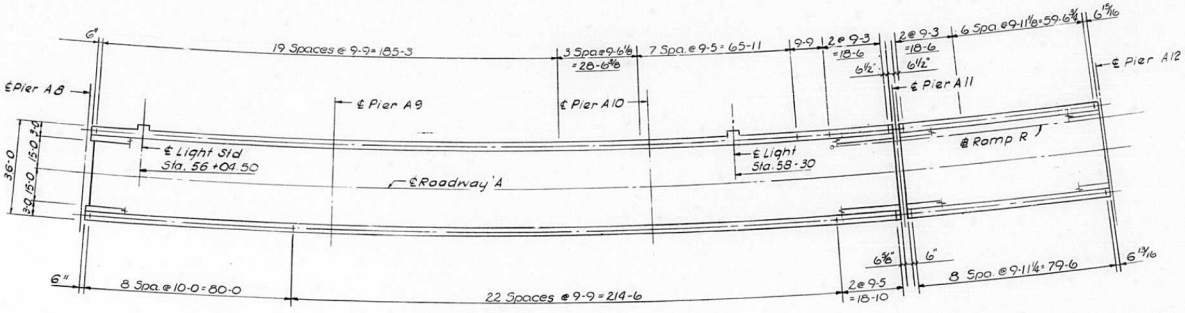
PLAN

PARAPET JOINT SPACING
SPANS A8 THRU A11

BILL OF MATERIAL				
•Bar	No.	Size	Length	Shape
89r	32	# 5	19-1	——
89r1	52	# 5	15-8	——
89r2	20	# 5	17-5	——
89r3	48	# 5	19-5	——
89r4	20	# 5	17-10	——
89r5	4	# 5	5-8	C
Item			Unit	Total
Class 'X' Concrete			Cu. Yds.	40.0
Reinforcement Bars			Lbs	3210
Aluminum Handrail			Lin. Ft.	784
• See Note 'X' Sh. No. 35				







PLAN

HANDRAIL POSTS SPACING

NOTE:
All dimensions in plan are along ℄ of post

NOTE:
For Details at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY P. M. G.
DRAWN BY I. M.
CHECKED BY W. J. B.
APPROVED BY K. R.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A8 THRU A11

POPLAR STREET BRIDGE APPROACHES
ROADWAY "A" AND RAMP "R"

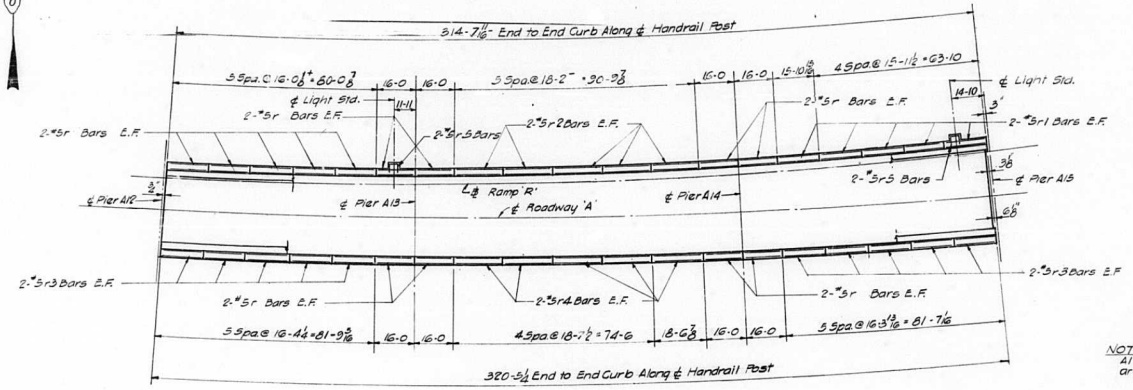
F A I RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 88 OF 258

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	143
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

N

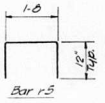


PLAN
Parapet Joint Spacing
Spans A12, A13, & A14

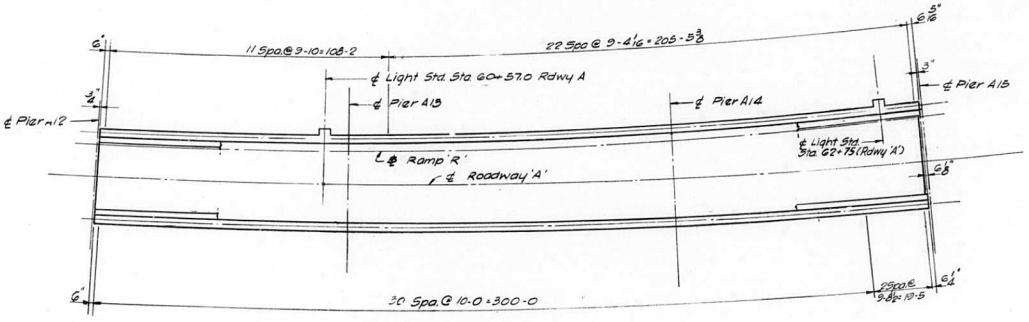
BILL OF MATERIAL				
*BAR	NO	SIZE	LENGTH	SHAPE
90 r	52	#5	15-8	——
90 r1	20	#5	15-7	——
90 r2	20	#5	17-10	——
90 r3	40	#5	16-0	——
90 r4	20	#5	18-3	——
90 r5	4	#5	3-8	⊏
ITEM			UNIT	TOTAL
Class 'X' Concrete			Cu. Yds.	32.5
Reinforcement Bars			Lbs.	2610
Aluminum Handrail			Lin. Ft.	636

* See Note X Sheet No. 35

NOTE:
All dimensions in plan are along ℄ of post



Bar r5



PLAN
Handrail Post Spacing

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail and Parapet Joint Details see Sheet No. 123

DESIGNED BY R.R.
DRAWN BY V.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A12 THRU A14

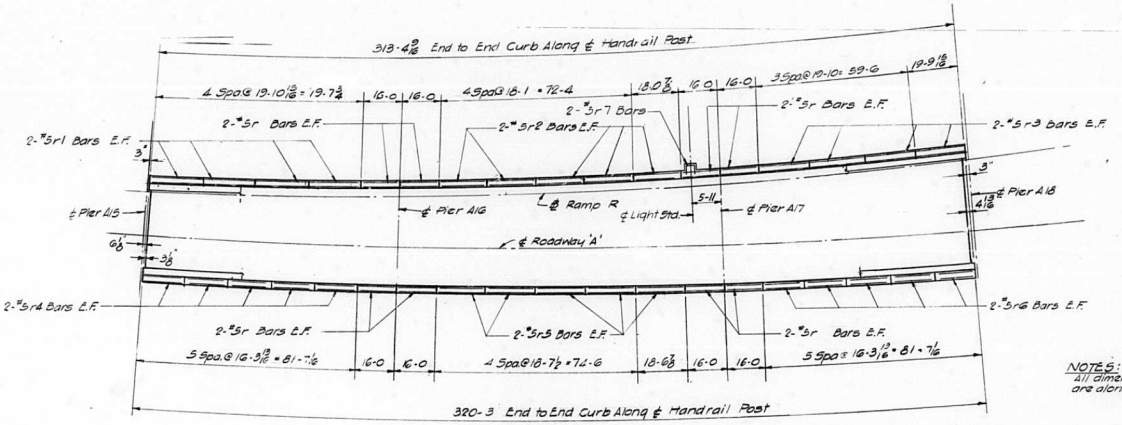
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A" AND RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 90 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I—70	82-3HVD-1	ST. CLAIR	1258	144
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

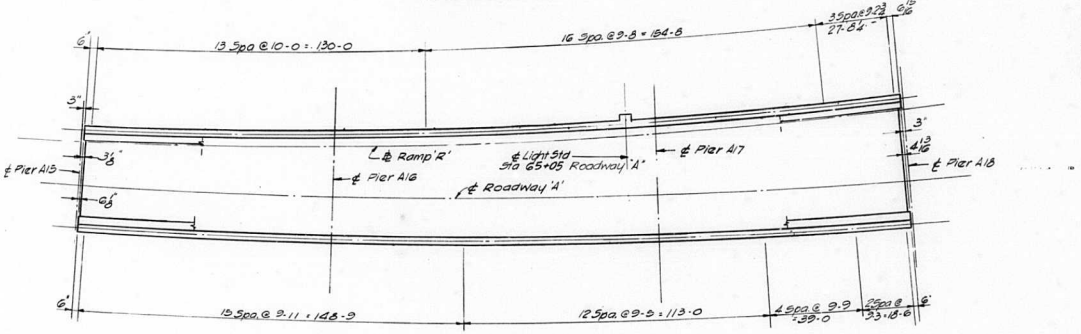


PLAN
Parapet Joint Spacing
Spans A15, A16, & A17

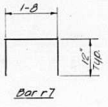
NOTES:
All dimensions in plan are along ℄ of post.

BILL OF MATERIAL				
*BAR	NO	SIZE	LENGTH	SHAPE
91r	32	#5	15-6	——
91r1	16	#5	19-6	——
91r2	20	#5	17-8	——
91r3	16	#5	19-6	——
91r4	20	#5	16-0	——
91r5	20	#5	18-3	——
91r6	20	#5	15-11	——
91r7	2	#5	3-8	⊏
ITEM			UNIT	TOTAL
Class 'X' Concrete			Cu. Yds.	32.3
Reinforcement Bars			Lbs.	2600
Aluminum Handrail			Lin. Ft.	635

* See Note 'X' Sheet No. 35



PLAN
Handrail Post Spacing



Bar r7

NOTE:
For detail at Light Std. see Sheet No. 35
For Handrail and Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A15 THRU A17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A" AND RAMP "R"

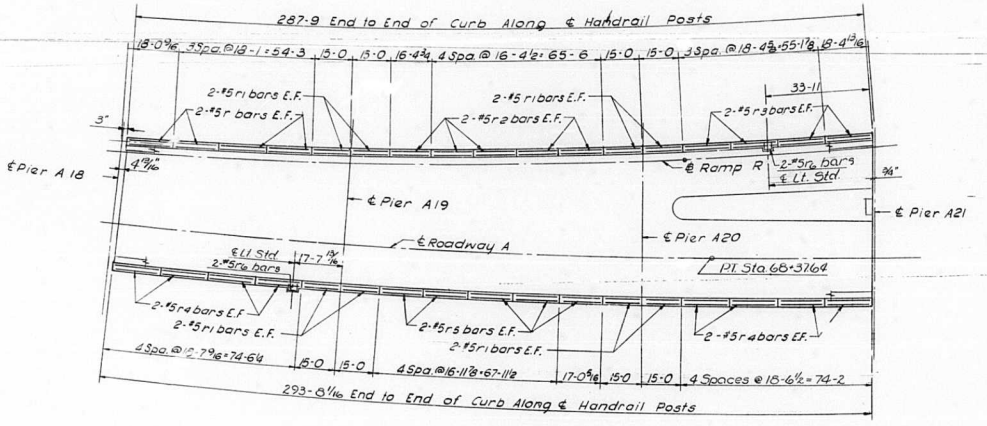
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

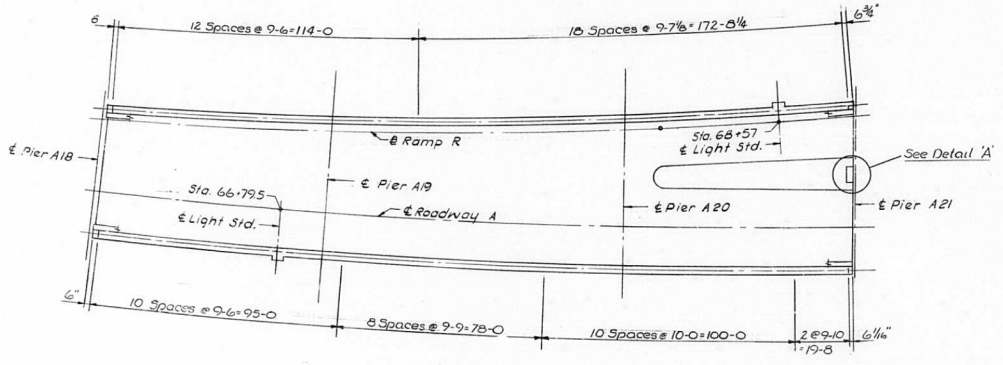
SHEET 91 OF 526

DESIGNED BY R.M.R
DRAWN BY V.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

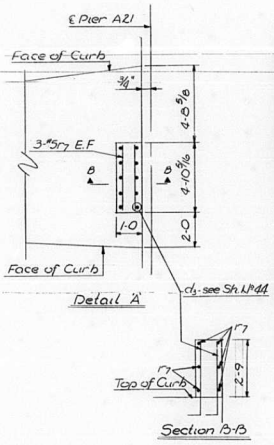
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	145
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
PARAPET JOINT SPACING
SPANS A18 THRU A20



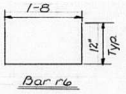
PLAN
HANDRAIL POST SPACING



BILL OF MATERIAL				
• Bar	No.	Size	Length	Shape
92r	16	# 5	17 - 8	—
92r1	32	# 5	14 - 8	—
92r2	20	# 5	16 - 0	—
92r3	16	# 5	18 - 0	—
92r4	32	# 5	18 - 3	—
92r5	20	# 5	16 - 7	—
92r6	4	# 5	3-8	L
92r7	6	# 5	4-6	—

Item	Unit	Total
Class 'X' Concrete	Cu.Yds.	30.2
Reinforcement Bars	Lbs.	2420
Aluminum Handrail	Lin.Ft.	582

• See Note 'X' Sh. No. 35



Note:
All Dimensions in Plan are along ℄ of Post

Note:
For Details at Lt. Std see Sh. No. 35
For Handrail & Parapet Joint Details see Sh. No. 125

DESIGNED BY R.M.P.
DRAWN BY I.M.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

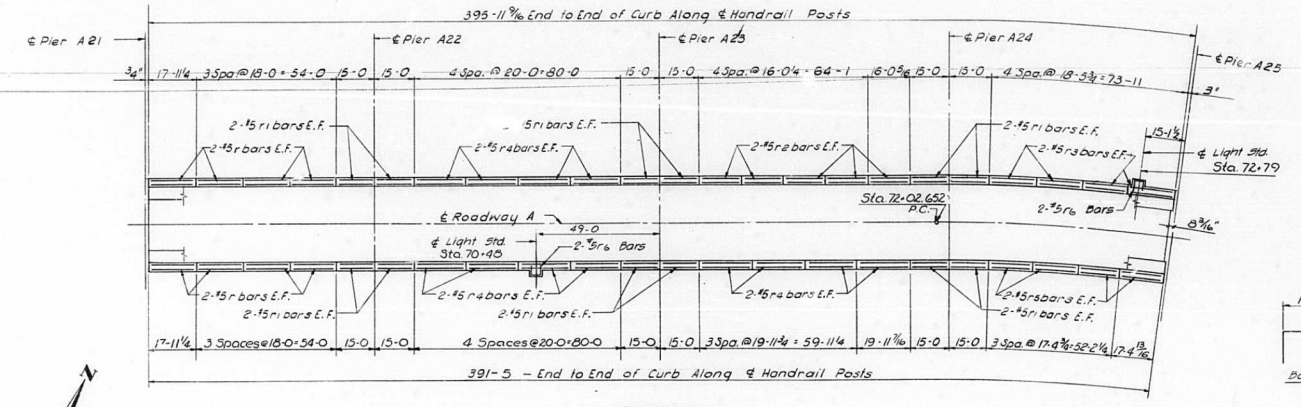
SPANS A18 THRU A20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 92 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	146
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

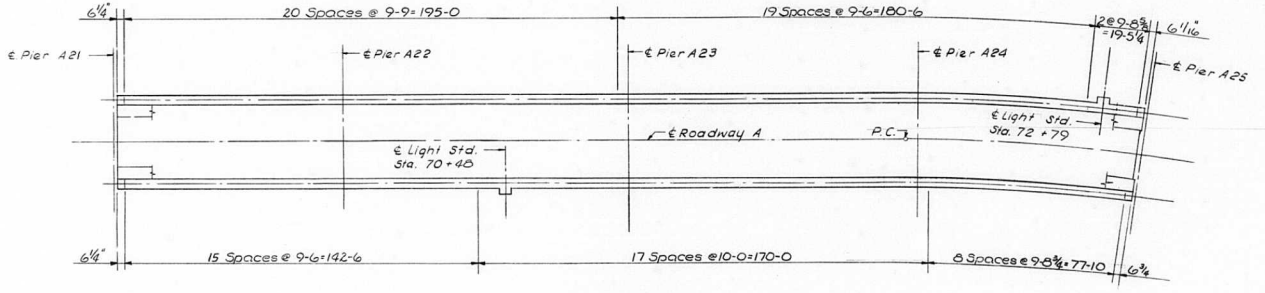
PARAPET JOINT SPACING
SPANS A21 THRU A24

Note:
All Dimensions in Plan are along ℄ of Post

BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
93 r	32	#5	17-7	—
93 r1	48	#5	14-8	—
93 r2	20	#5	15-8	—
93 r3	16	#5	18-1	—
93 r4	48	#5	19-7	—
93 r5	16	#5	17-1	—
93 r6	4	#9	3-8	⊏
Item		Unit	Total	
Class 'A' Concrete		Cu. Yds.	40.2	
Reinforcement Bars		Lbs.	3230	
Aluminum Handrail		Lin. Ft.	768	

•See Note 'X' Sh. No 135

Note:
for Detail at Light Std.
See Sheet No. 135
For Handrail & Parapet Joint
Details See Sheet No. 125



PLAN

HANDRAIL POST SPACING

DESIGNED BY R.M.R.
DRAWN BY T.M.
CHECKED BY W.J.E.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS A21 THRU A24

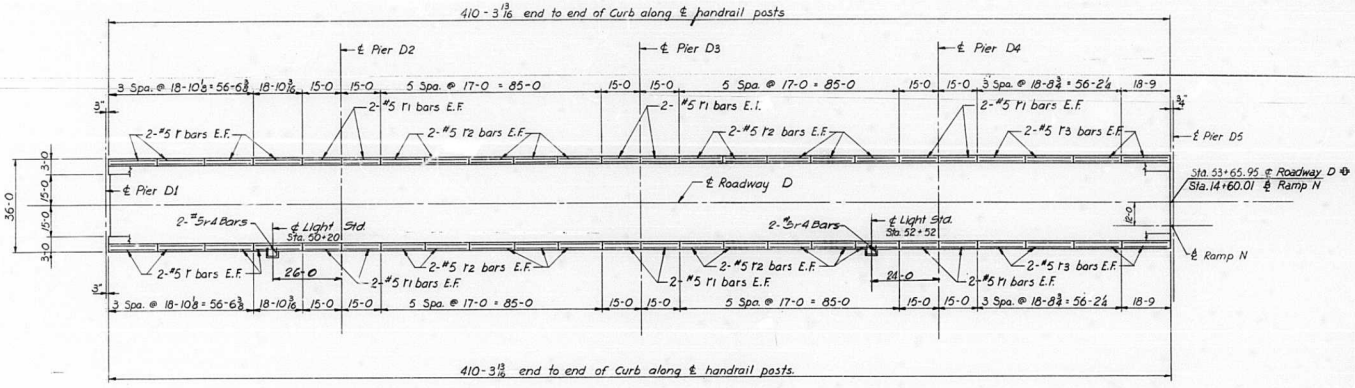
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 93 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
F. A. I.- 70	82-3HVD-1	ST. CLAIR	258	147
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



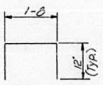
PLAN

PARAPET JOINT SPACING
SPAN D1 THRU D4

BILL OF MATERIAL				
•BAR	No.	SIZE	LENGTH	SHAPE
94r	32	#5	18-6	——
94r1	48	#5	14-8	——
94r2	80	#5	16-8	——
94r3	32	#5	18-3	——
94r4	4	#5	3-8	L

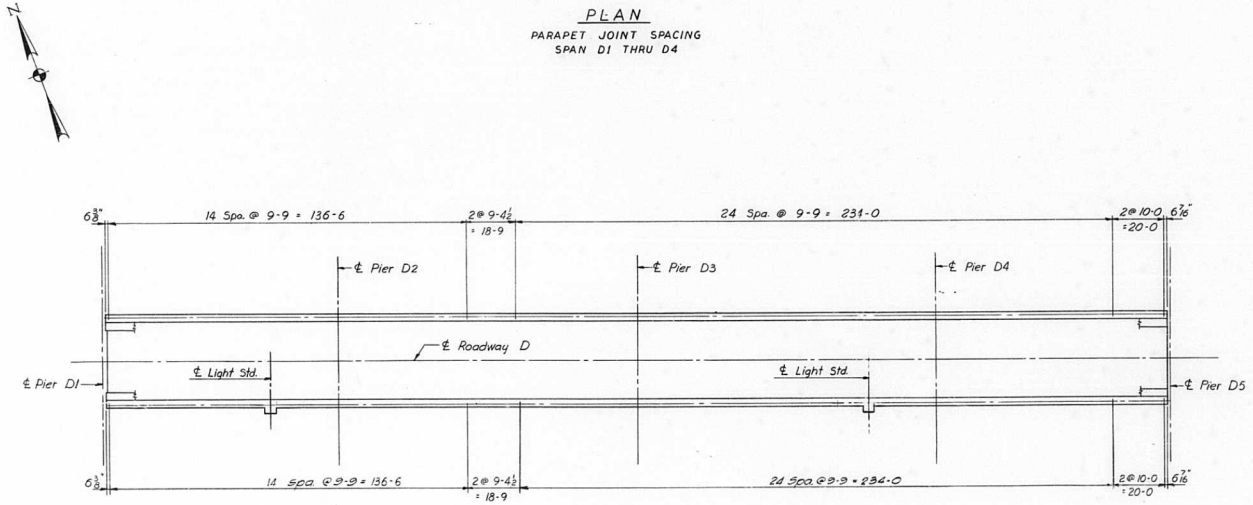
ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	41.9
Reinforcement Bars	Lbs.	3370
Aluminum Handrail	Lin. Ft.	821

• See Note "X" Sh. No 35



Bar r4

NOTE:
All dimensions in plan are along ℄ of post



PLAN

HANDRAIL POST SPACING

NOTE:
For Detail of Light Std. See Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125.

DESIGNED BY R.M.R.
DRAWN BY D.C.F.
CHECKED BY W.J.F
APPROVED BY K.A

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

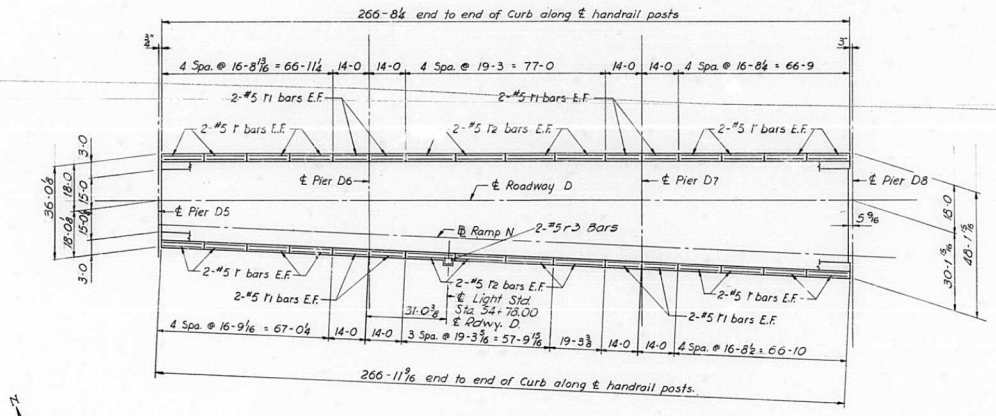
PARAPET AND HANDRAIL
SPANS D1 THRU D4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

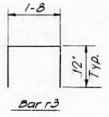
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 94 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. – 70	82–3HVD–1	ST. CLAIR	258	148
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



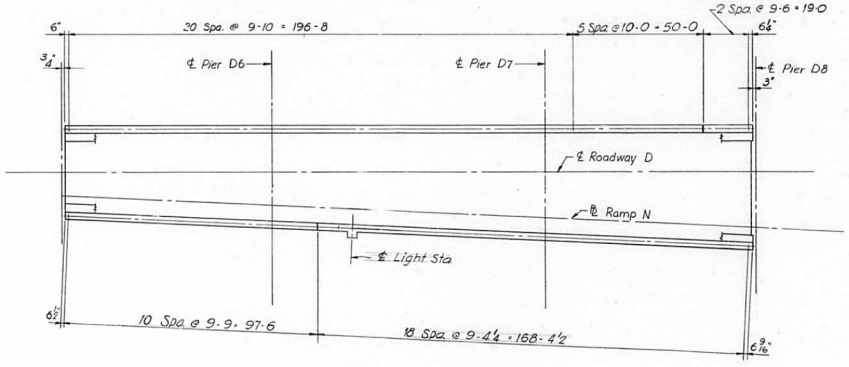
PLAN
PARAPET JOINT SPACING
SPAN D5 THRU D7



BILL OF MATERIAL				
• BAR	No.	SIZE	LENGTH	SHAPE
95T	64	# 5	16-4	——
95T1	32	# 5	13-8	——
95T2	32	# 5	18-11	——
95r3	2	#5	3-8	⊏
ITEM			UNIT	TOTAL
Class "X" Concrete			Cu. Yds.	27.2
Reinforcement Bars			Lbs.	2190
Aluminum Handrail			Lin. Ft.	534

• See Note "X" Sh. No. 35





PLAN
HANDRAIL POST SPACING

NOTE: All dimensions in plan are along ℄ of post

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

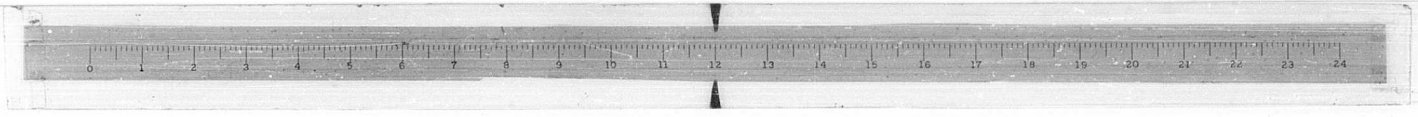
PARAPET AND HANDRAIL
SPANS D5 THRU D7
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

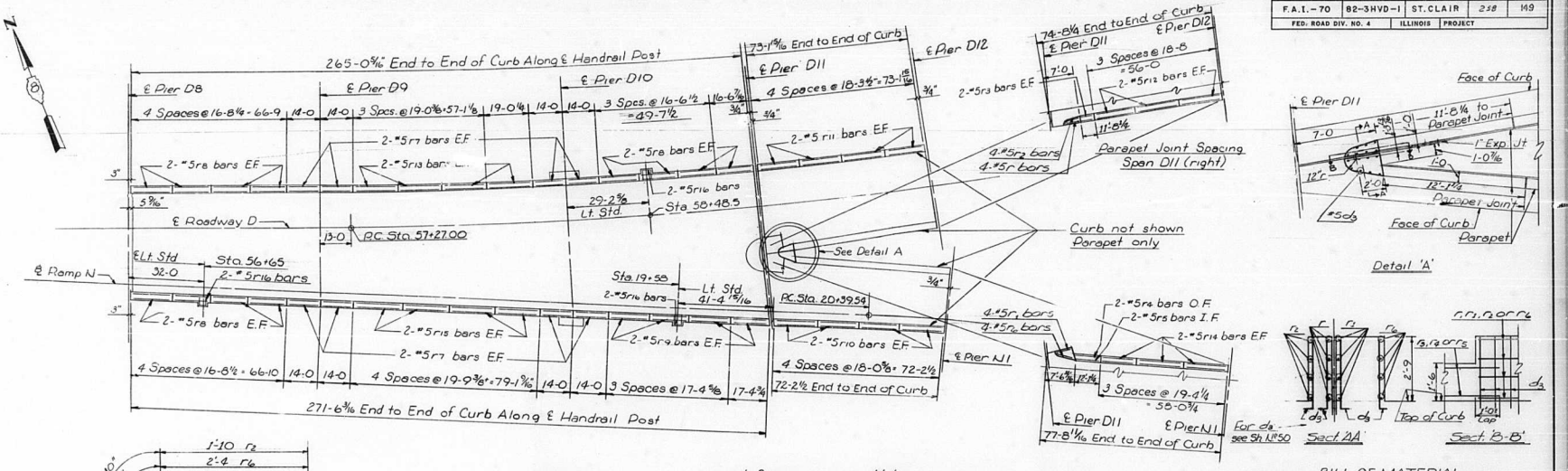
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 95 OF 526

DESIGNED BY R.M.P.
DRAWN BY J.M.
CHECKED BY W.J.F.
APPROVED BY K.A.

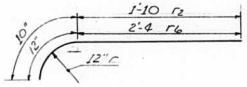


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-I	ST. CLAIR	258	119
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	



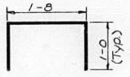
Detail 'A'

For d_3 see Sh. N° 50



Bars r_2 & r_4

PLAN
Parapet Joint Spacing
Rdwy D
Spans D8-D11



Bar r16

Note:
All Dimensions in Plan are along ℄ of Handrail Posts

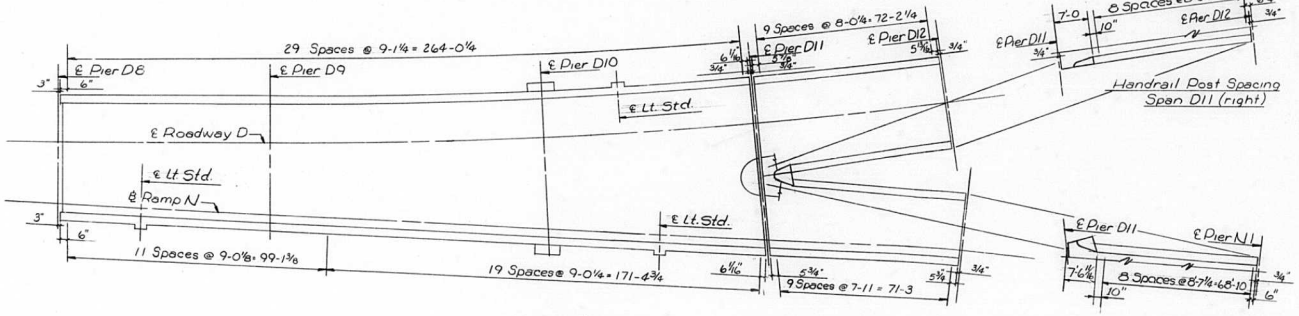
Parapet Joint Spacing
Ramp N
Span D11N (left)

BILL OF MATERIAL

● Bar No.	Size	Length	Shape
96r	#5	2-2	
96r1	#5	2-8	
96r2	#5	2-5	
96r3	#5	12-3	
96r4	#5	13-0	
96r5	#5	12-9	
96r6	#5	3-4	
96r7	#5	13-6	
96r8	#5	16-1	
96r9	#5	16-10	
96r10	#5	17-6	
96r11	#5	17-8	
96r12	#5	18-1	
96r13	#5	18-6	
96r14	#5	18-9	
96r15	#5	19-3	
96r16	#5	3-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu Yds	48.6
Reinforcement Bars	Lbs.	3390
Aluminum Handrails	Lin. Ft.	621.

● See Note 'X' Sh. N° 35



PLAN
Handrail Post Spacing
Rdwy D
Spans D8-D11

Note:
For Detail at Light Std see Sheet N° 35
For Handrail & Parapet Joint Detail see Sheet N° 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D8 THRU D11 & D11N

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D" AND RAMP "N"

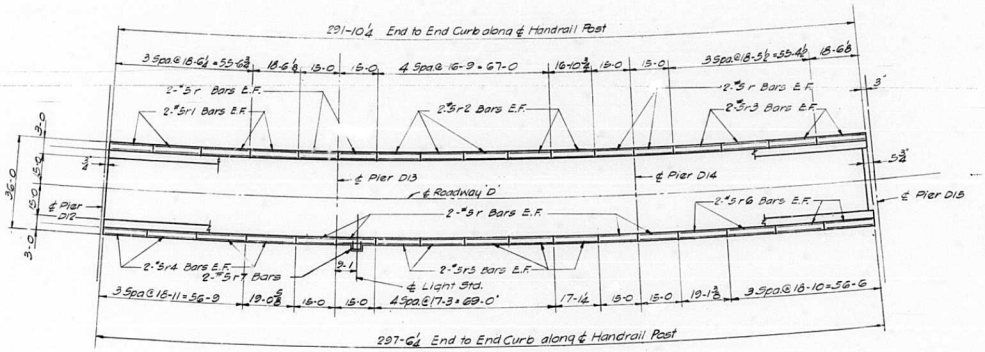
F.A.I. RT. 70 ST. CLAIR CO SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 96 OF 528

DESIGNED BY R.M.R
DRAWN BY LWA
CHECKED BY W.J.F
APPROVED BY K.A

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	150
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

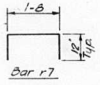


PLAN
Parapet Joint Spacing
Spans D12, D13 & D14

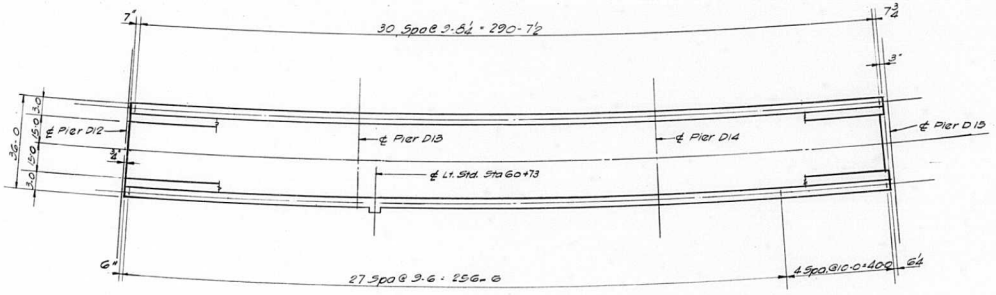
Note:
All dimensions in plan are along ℄ of post.

BILL OF MATERIAL				
• BAR	NO.	SIZE	LENGTH	SHAPE
97r	32	#5	14-8	——
97r1	16	#5	18-3	——
97r2	20	#5	16-5	——
97r3	16	#5	18-1	——
97r4	16	#5	18-7	——
97r5	20	#5	16-10	——
97r6	16	#5	18-6	——
97r7	2	#3	3-8	⊏
ITEM			Unit	Total
Class 'X' Concrete			Cu. Yds.	30.1
Reinforcement Bars			Lbs.	2420
Aluminum Handrail			Lin. Ft.	590

• See Note × Sheet No. 35



Bar r7



PLAN
Handrail Post Spacing

Note:
For Detail at Light Std. see Sheet No. 35
For Handrail and Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D12 THRU D14

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

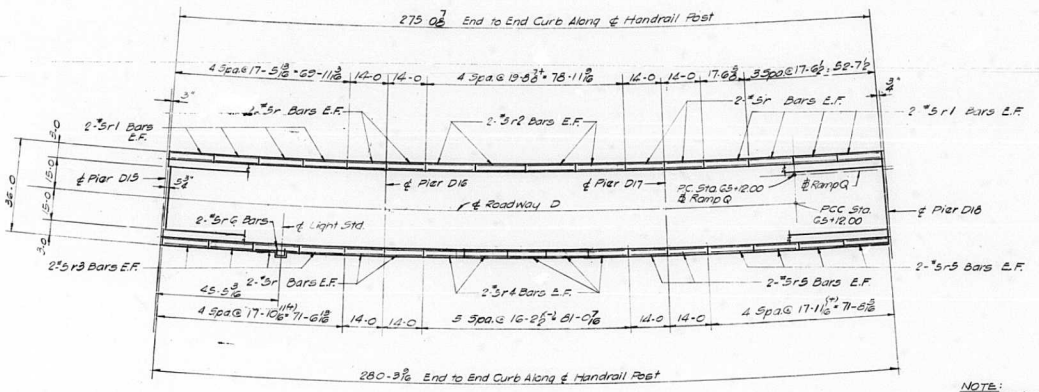
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 97 OF 258

DESIGNED BY R.R.
DRAWN BY
CHECKED BY W.J.F.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. - 70	82-3HVD-1	ST. CLAIR	258	151
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans D15, D16 & D17

NOTE:
All dimensions in plan are along ℄ Post.

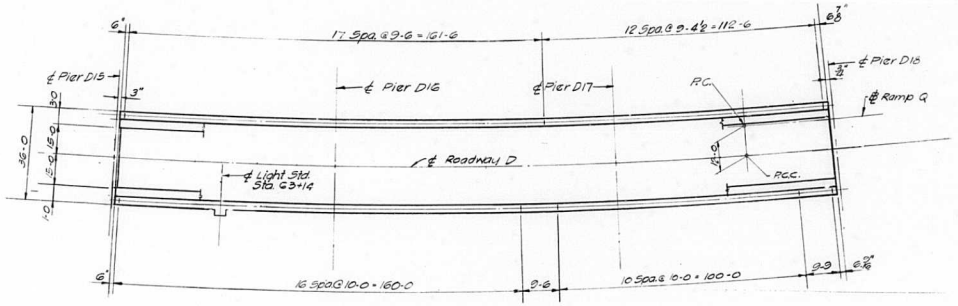
BILL OF MATERIAL				
*BAR	NO	SIZE	LENGTH	SHAPE
98 r	38	#5	13-8	—
98 r1	38	#5	17-1	—
98 r2	16	#5	19-2	—
98 r3	16	#5	17-6	—
98 r4	20	#5	15-9	—
98 r5	16	#5	17-4	—
98 r6	2	#5	3-8	U

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	28.3
Reinforcement Bars	Lbs.	2260
Aluminum Handrail	Lin. Ft.	556

*See Note X Sheet No. 35



Bar r6



PLAN
Handrail Post Spacing

NOTE:
For detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D15 THRU D17

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

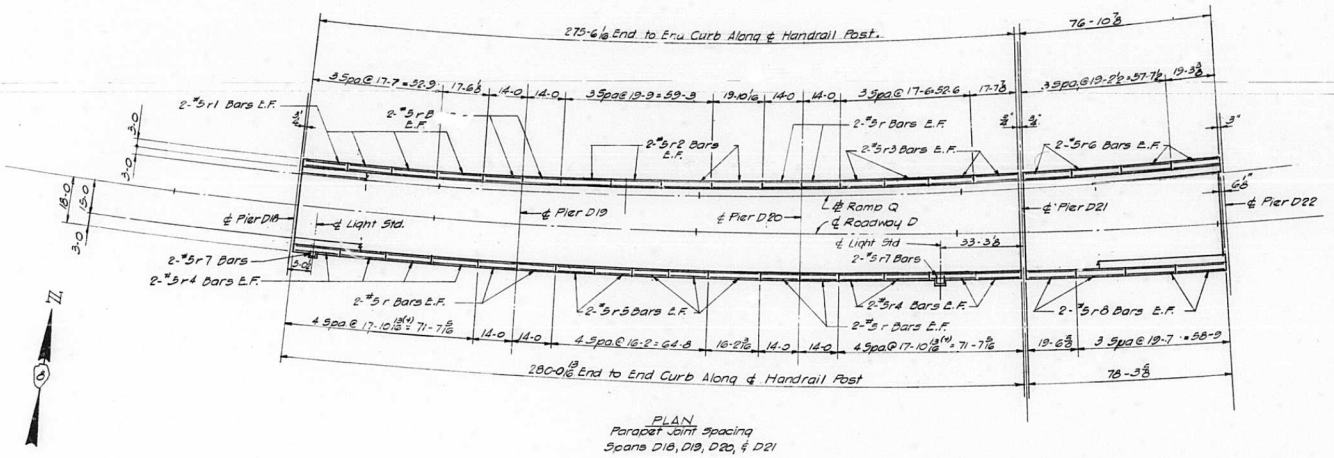
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

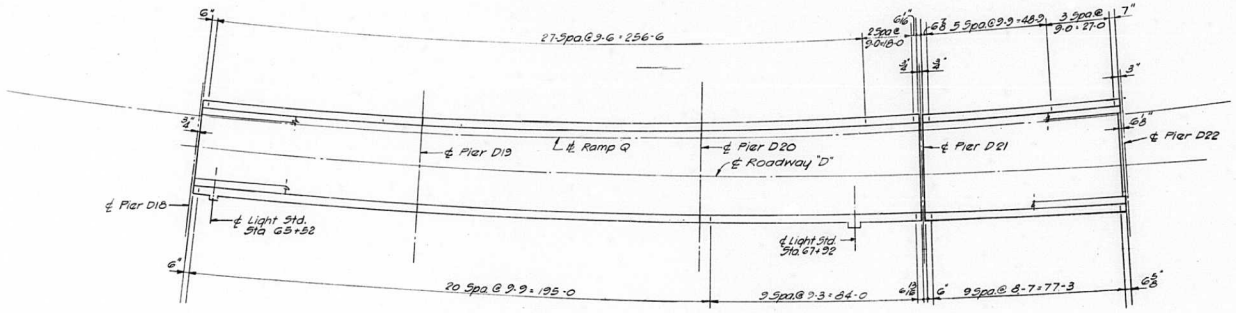
SHEET 98 OF 526

DESIGNED BY R.R.
DRAWN BY V.Z.
CHECKED BY W.J.E.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	152
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans D18, D19, D20, & D21



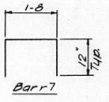
PLAN
Handrail Post Spacing

BILL OF MATERIAL				
•BAR	NO	SIZE	LENGTH	SHAPE
99r	32	#5	13-8	——
99r1	16	#5	17-2	——
99r2	16	#5	19-4	——
99r3	16	#5	17-1	——
99r4	32	#5	17-6	——
99r5	20	#5	15-10	——
99r6	16	#5	18-10	——
99r7	4	#5	3-8	⊏
99r8	16	#5	19-2	——

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	36.3
Reinforcement Bars	Lbs.	2910
Aluminum Handrail	Lin. Ft.	712

• See Note 'X' Sheet No. 35

NOTE: All dimensions in plan are along ℄ of post.



NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY R.R.
DRAWN BY V.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

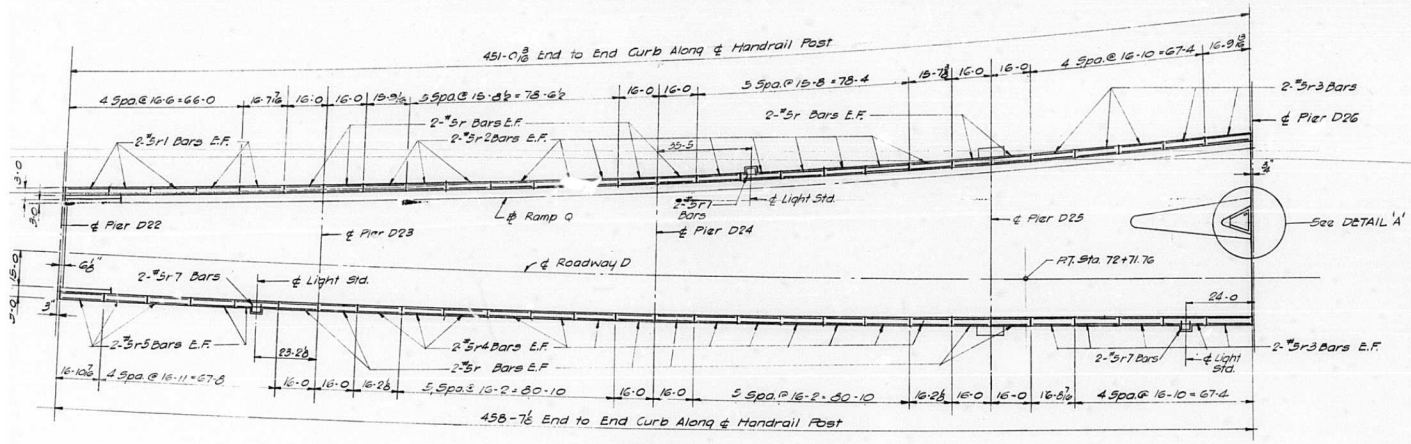
SPANS D18 THRU D21
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

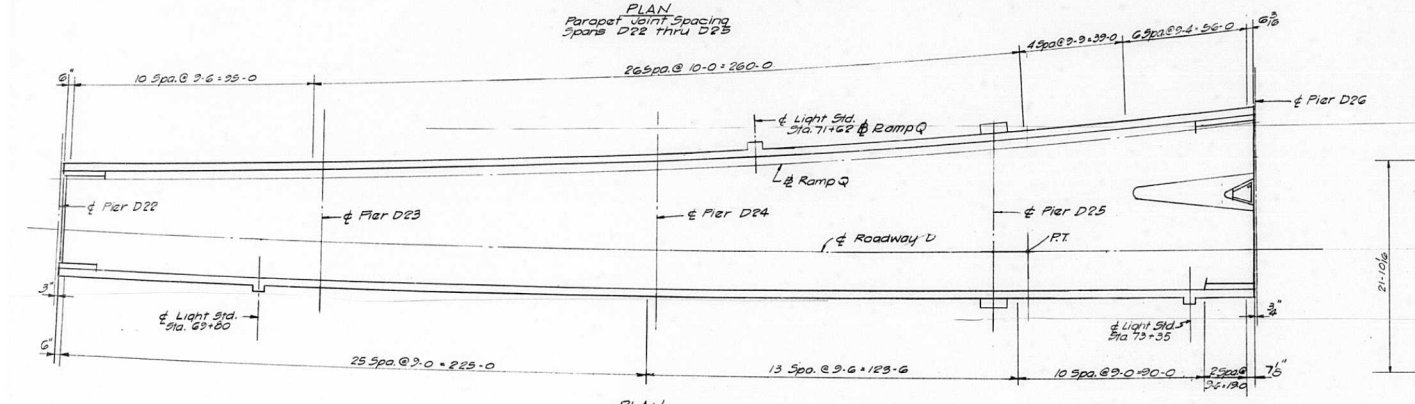
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 99 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	153
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

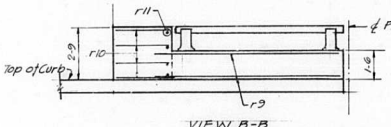


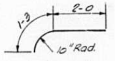
PLAN
Parapet Joint Spacing
Spans D22 thru D25

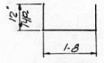


PLAN
Handrail Post Spacing

NOTE:
All dimensions in plan are along ℄ of post.







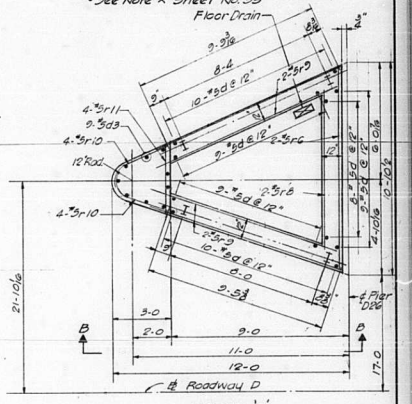
NOTES:
For Dowel Details see Sheet No. 55
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

BILL OF MATERIAL

*BAR	NO	SIZE	LENGTH	SHAPE
100r	48	#5	15-8	
100r1	20	#5	16-2	
100r2	48	#5	15-4	
100r3	40	#5	16-4	
100r4	48	#5	15-10	
100r5	20	#5	16-6	
100r6	2	#5	10-6	
100r7	6	#5	3-8	
100r8	2	#5	7-6	
100r9	8	#5	10-0	
100r10	8	#5	3-3	
100r11	4	#5	3-0	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yd.	49.0
Reinforcement Bars	Lbs	3890
Aluminum Handrail	Lin. Ft.	329

*See Note X Sheet No. 35



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D22 THRU D25
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

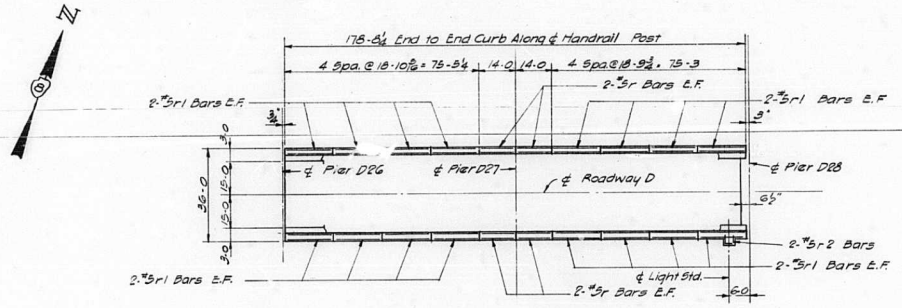
F.A.I.RT.70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 100or 526

DESIGNED BY E.M.P.
DRAWN BY G.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

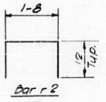
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	154
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



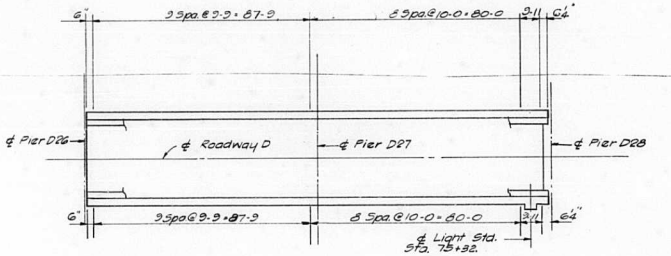
PLAN
Parapet Joint Spacing
Spans D26 & D27

BILL OF MATERIAL				
*BAR	NO	SIZE	LENGTH	SHAPE
101r	16	#5	13-8	——
101r1	64	#5	18-6	——
101r2	2	#5	3-8	⊏
ITEM			UNIT	TOTAL
Class 'X' Concrete			Cu. Yds.	18.3
Reinforcement Bars			Lbs.	1470
Aluminum Handrail			Lin. Ft.	358

* See Note X Sheet No. 35



NOTE:
All dimensions in plan are along ℄ of post.



PLAN
Handrail Post Spacing

NOTE:
For Details at Light Std see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D26 & D27

POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

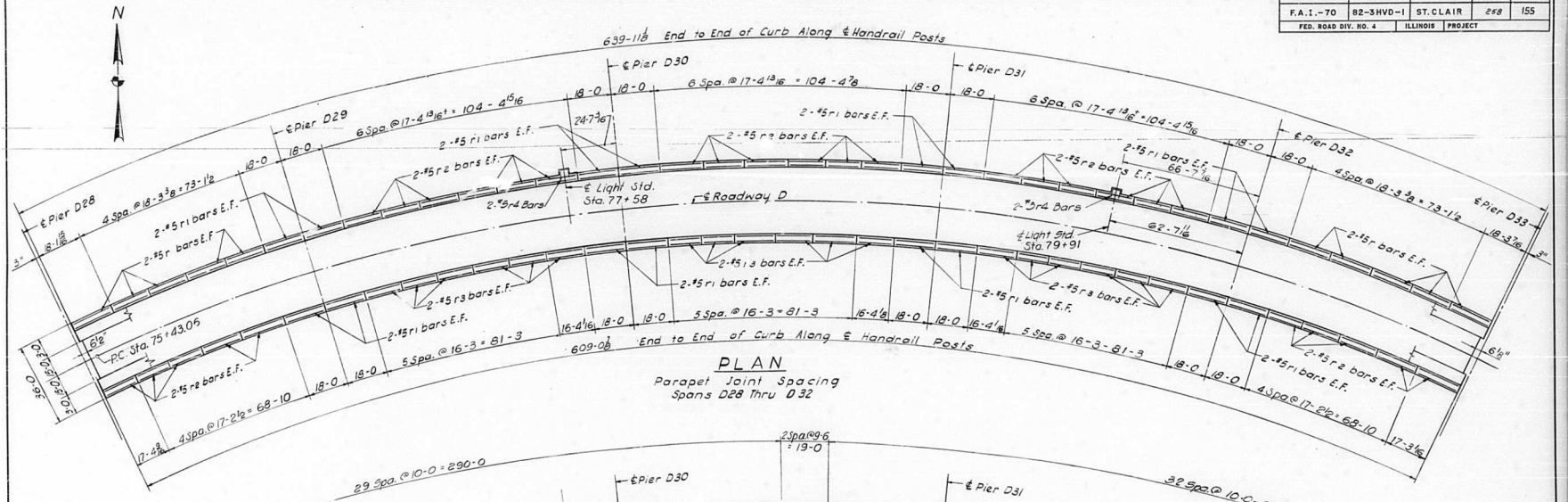
F.A.I RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 101 OF 526

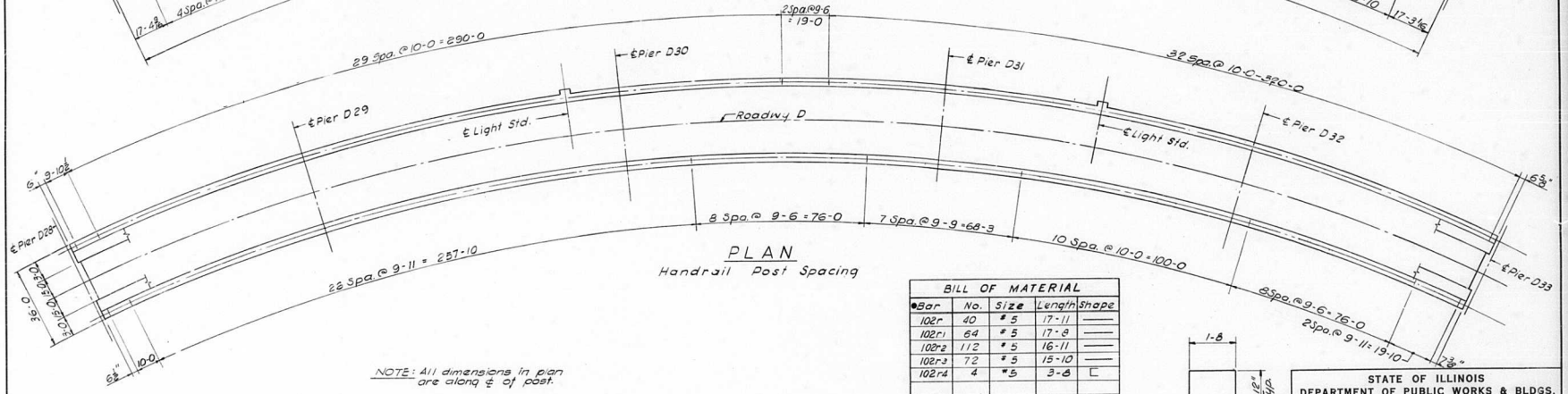
DESIGNED BY R.M.R.
DRAWN BY V.T.
CHECKED BY W.J.F.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	155
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

Parapet Joint Spacing
Spans D28 Thru D32



PLAN

Handrail Post Spacing

NOTE: All dimensions in plan are along ℄ of post.

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

BILL OF MATERIAL				
•Bar	No.	Size	Length	Shape
102r	40	# 5	17-11	——
102r1	64	# 5	17-8	——
102r2	112	# 5	16-11	——
102r3	72	# 5	15-10	——
102r4	4	#5	3-8	L
Item			Unit	Total
Class 'K' Concrete			Cu. Yds.	63.7
Reinforcement Bars			Lbs.	5110
Aluminum Handrail			Lin. Ft.	1250

• See Note 'K' Sheet No. 35

DESIGNED BY R.M.P.
DRAWN BY I.M.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS D28 THRU D32

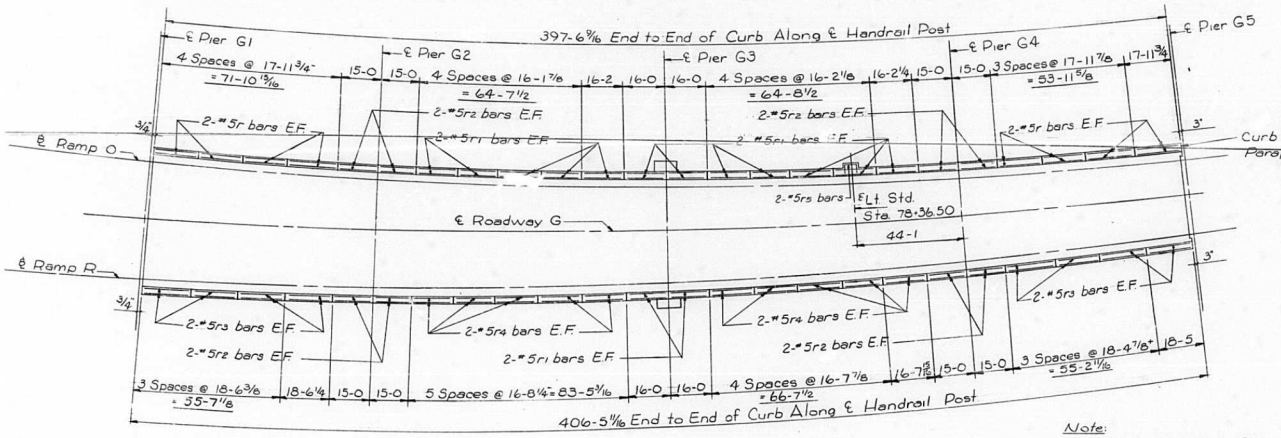
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 102 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	156
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



Note:
All Dimensions in Plan are along ℄ of Post

PLAN
Parapet Joint Spacing

Spans G1-G4

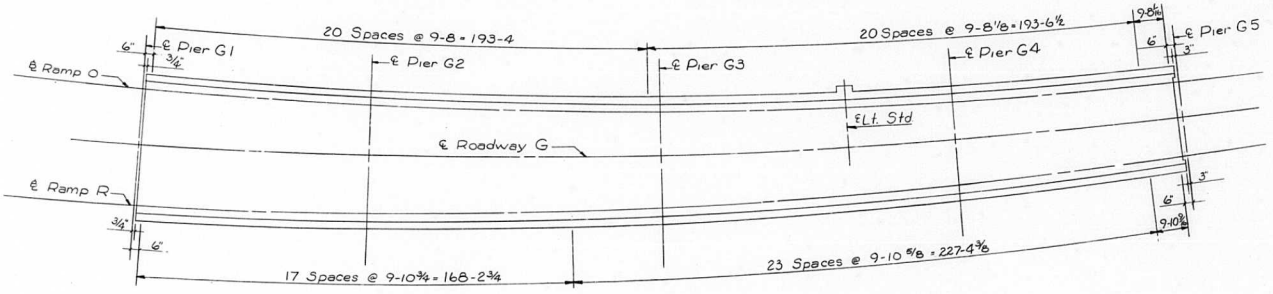
BILL OF MATERIAL

●BAR	NO.	SIZE	LENGTH	SHAPE
103r	32	#5	17-5	
103r1	56	#5	15-8	
103r2	32	#5	14-8	
103r3	32	#5	18-0	
103r4	40	#5	16-2	
103r5	2	#5	3-8	
ITEM			UNIT	TOTAL
Class X Concrete			Cu. Yds.	41.0
Reinforcement bars			Lbs.	3270
Aluminum Handrails			Lin. Ft.	805

●See Note 'X' Sh. No. 35



Bar r5.



PLAN
Handrail Post Spacing

Note:
For Detail at Lt. Std. see Sh. No. 35
For Handrail & Parapet Joint Details see Sh. No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS G1 THRU G4

POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

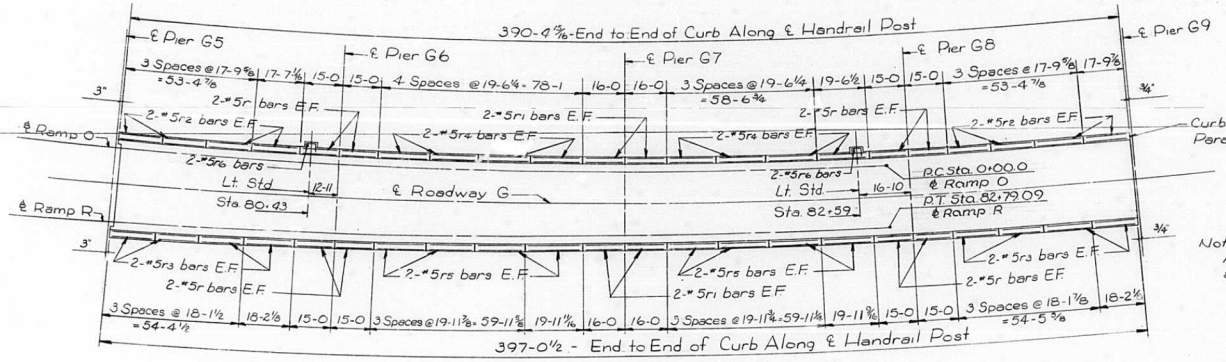
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 103 OF 526

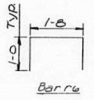
R.M.R.
W.J.F.
KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	157
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Roadway G
Spans G5-G8

Note:
All Dimensions in Plan are along ℄ of Post

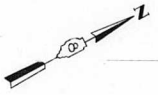


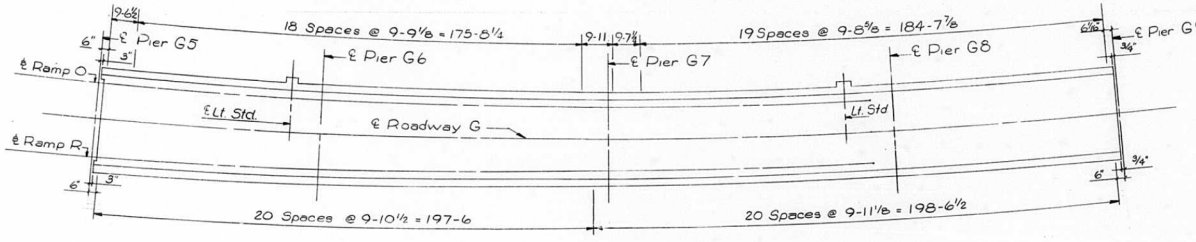
BILL OF MATERIAL

●BAR	NO.	SIZE	LENGTH	SHAPE
104r	32	#5	14-8	
104r1	16	#5	15-8	
104r2	32	#5	17-3	
104r3	32	#5	17-8	
104r4	32	#5	19-0	
104r5	32	#5	19-6	
104r6	4	#5	3-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu Yds.	40.2
Reinforcement bars	Lbs.	3220
Aluminum Handrails	Lin. Ft	788

●See Note 'X' Sh. N° 35





PLAN
Handrail Post Spacing
Roadway G

Note
For Handrail & Parapet Joint Details see Sh. N° 125
For Detail at Lt. Std. see Sh. N° 35

DESIGNED BY R.M.R
DRAWN BY J.N.A
CHECKED BY W.J.F
APPROVED BY K.A

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

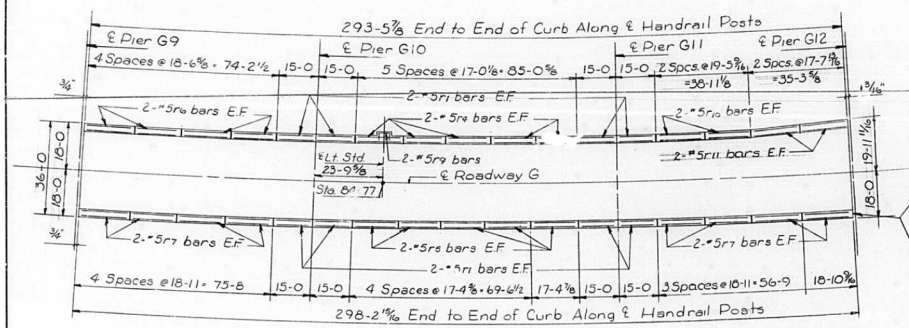
SPANS G5 THRU G8
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

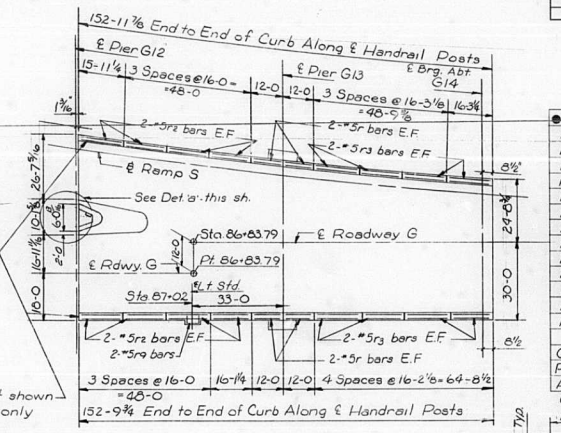
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO ILLINOIS

SHEET 104 OF 258

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	858	158
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		





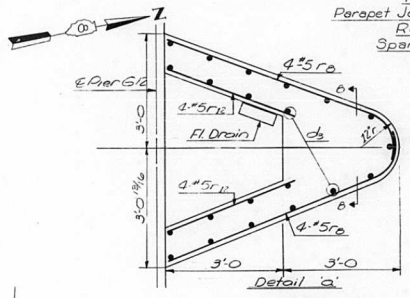
BILL OF MATERIAL

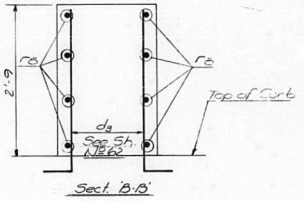
● BAR	NO.	SIZE	LENGTH	SHAPE
105r	16	#5	11-8	
105r1	32	#5	14-8	
105r2	32	#5	15-6	
105r3	32	#5	15-9	
105r4	20	#5	16-6	
105r5	20	#5	16-10	
105r6	16	#5	18-0	
105r7	32	#5	18-5	
105r8	8	#5	6-10	
105r9	4	#5	3-8	⊓
105r10	8	#5	19-0	
105r11	8	#5	17-2	
105r12	8	#5	3-6	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	472
Reinforcement Bars	Lbs.	37740
Aluminum Handrail	Lin. Ft.	898

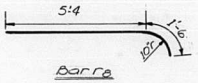
● See Note 'X' Sh. No. 35

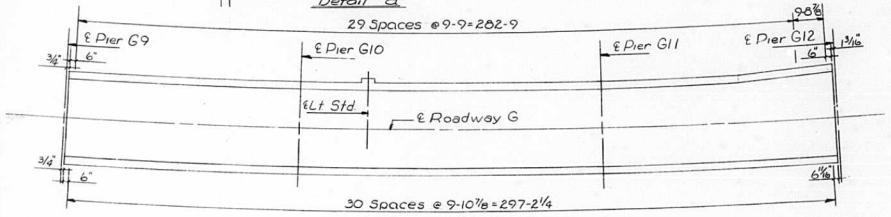






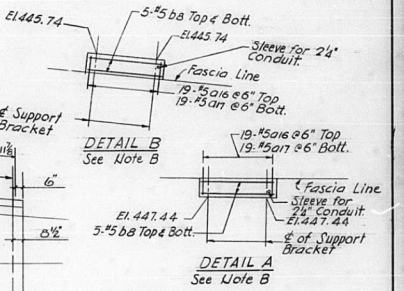
Note:
All Dimensions in Plan are along ℄ of Post

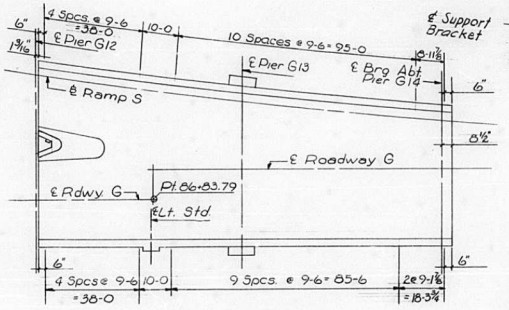




PLAN
Handrail Post Spacing
Rdwy G
Spans G9-G11

PLAN
Parapet Joint Spacing
Rdwy. G & Ramp S
Spans G12-G13





PLAN
Handrail Post Spacing
Rdwy. G & Ramp S
Spans G12-G13

Note B:
Details for Truss Support Slab Extension Similar to Details Shown on Sh. No. 58. Reinforcement Shown on Bill of Material for Slab See Sh. No. 62

Note:
For Handrail & Parapet Joint Details See Sh. No. 125
For Detail at Lt. Std. See Sh. No. 35

DESIGNED BY R.M.B.
DRAWN BY J.W.A.
CHECKED BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS G9 THRU G13

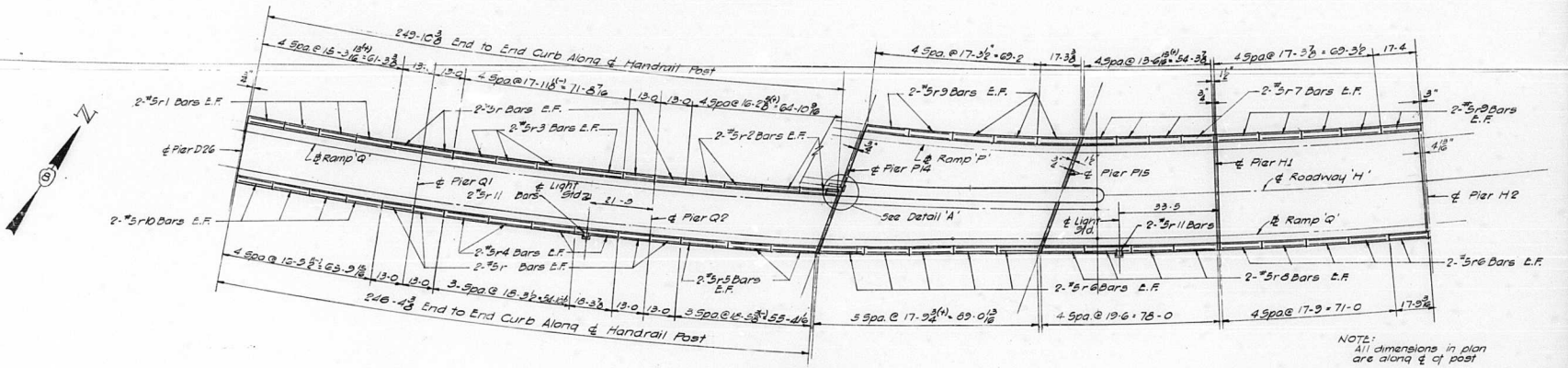
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

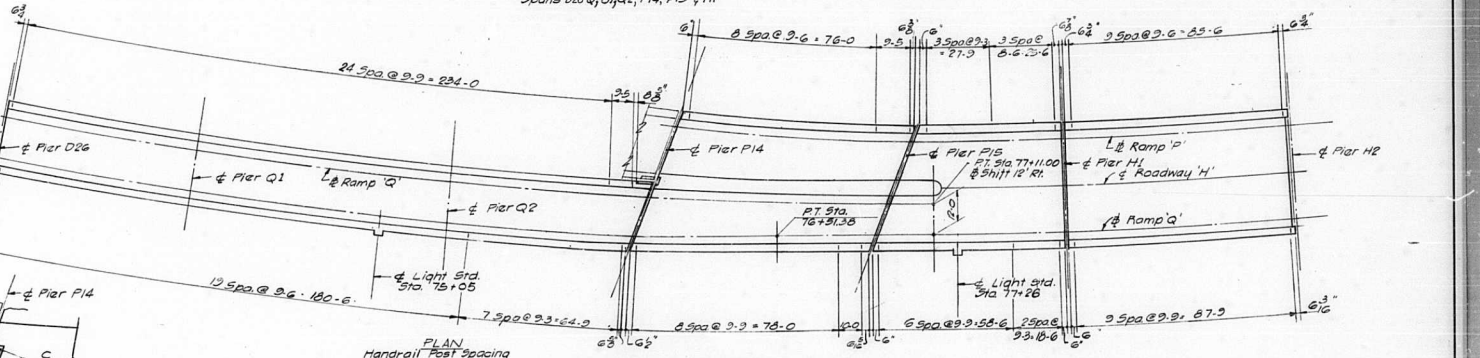
SHEET 105 OF 528

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	159
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

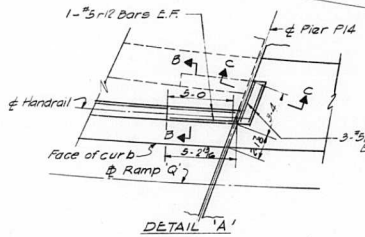


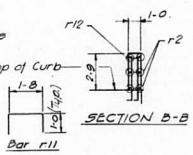
NOTE:
All dimensions in plan are along ℄ of post

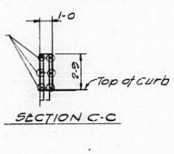
PLAN
Parapet Joint Spacing
Spans D26-Q, Q1, Q2, P14, P15 & H1



PLAN
Handrail Post Spacing







*See Note 'x' Sheet No. 35

BILL OF MATERIAL

*BAR	NO	SIZE	LENGTH	SHAPE
106 r	32	#5	12-8	
106 r1	16	#5	14-11	
106 r2	16	#5	15-10	
106 r3	16	#5	17-7	
106 r4	16	#5	18-0	
106 r5	12	#5	18-2	
106 r6	40	#5	17-4	
106 r7	16	#5	13-4	
106 r8	16	#5	19-2	
106 r9	40	#5	16-11	
106 r10	16	#5	16-1	
106 r11	4	#5	3-8	E
106 r12	2	#5	4-6	
106 r13	4	#5	3-2	

ITEM	UNIT	TOTAL
Class 'X' Concrete	cu.Yds.	50.6
Reinforcement Bars	Lbs.	4040
Aluminum Handrail	Lin.Ft.	976

NOTES:
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DRAWN BY R.M.B.
CHKD BY
CHKD BY W.J.F.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL
SPANS D26-Q, Q1, Q2, P14, P15 & H1

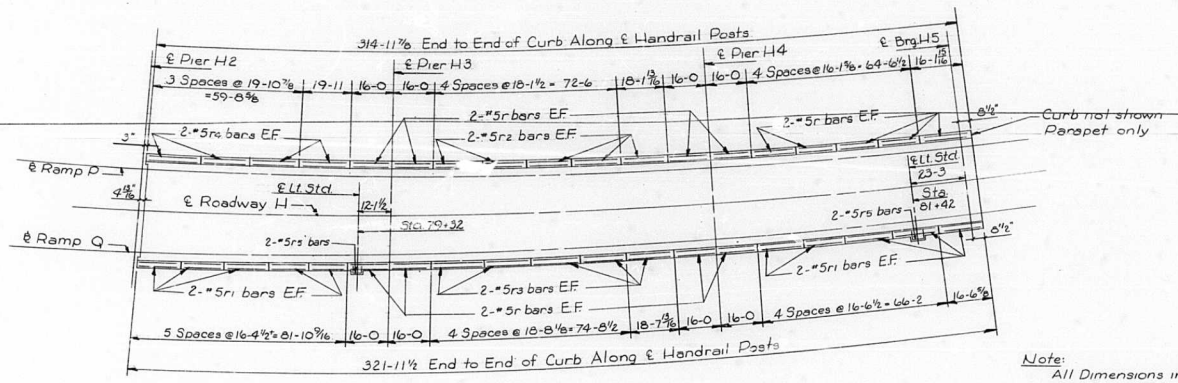
POPLAR STREET BRIDGE APPROACHES
RAMPS "P" & "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 106 OF 126

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	160
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Rdwy H
Spans H2-H4

Note:
All Dimensions in Plan are along ℄ of Post

BILL OF MATERIAL

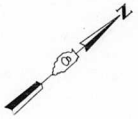
●BAR	NO.	SIZE	LENGTH	SHAPE
107r	52	#5	15-8	
107r1	40	#5	16-0	
107r2	20	#5	17-8	
107r3	20	#5	18-2	
107r4	16	#5	19-5	
107r5	4	#5	3-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	326
Reinforcement Bars	Lbs.	2600
Aluminum Handrails	Lin. Ft.	637

●See Note 'X' Sh. №35



Bar r5





PLAN
Handrail Post Spacing
Rdwy H

Note:
For Detail of Lt Std see sh. №35
For Detail of Handrail & Parapet Joint see sh. №125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

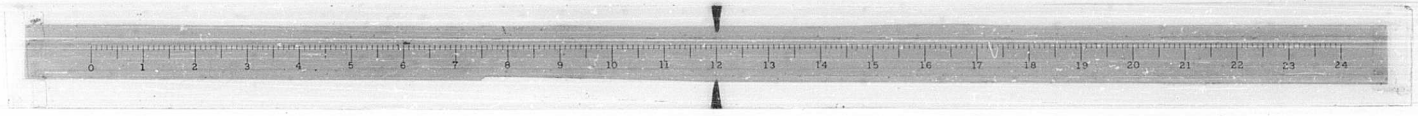
PARAPET AND HANDRAIL
SPANS H2 THRU H4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

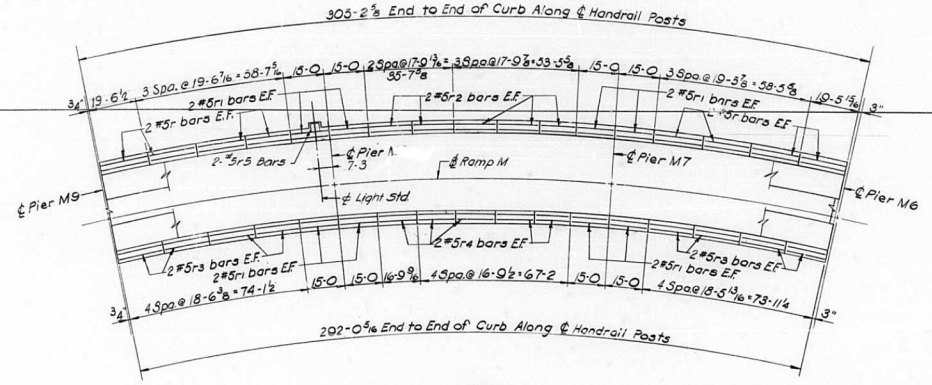
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 107 OF 525

D BY R.M.P.
BY J.W.A.
D BY W.J.F.
D BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.–70	82-3HVD-1	ST. CLAIR	258	161
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans M7 thru M9



Bar r3

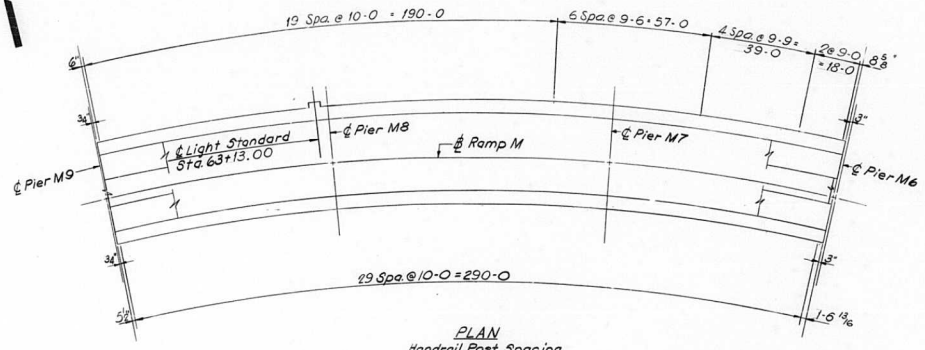
BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
108-	32	#5	19-2	——
108r1	32	#5	14-8	——
108r2	20	#5	17-6	——
108r3	32	#5	18-2	——
108r4	20	#5	16-3	——
108r5	2	#5	3-8	⊏

ITEM	UNIT	TOTAL
CLASS 'A' CONCRETE	Cu.Yds.	30.5
REINFORCEMENT BARS	Lbs.	2450
ALUMINUM HANDRAIL	Lin.Ft.	59.8.

•See Note "X" Sh. No. 35





PLAN
Handrail Post Spacing
Spans M7 thru M9

NOTE:
All dimensions in plan are along ℄ of post.

NOTES:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY RMR
DRAWN BY MICHEL
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

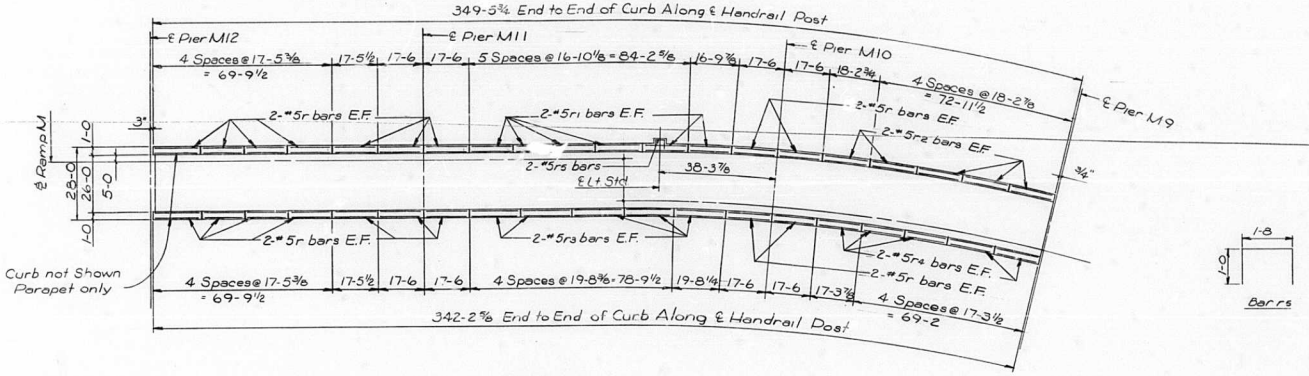
PARAPET AND HANDRAIL
SPANS M7 THRU M9
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 108 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	162
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Ramp M
Spans M10-M12

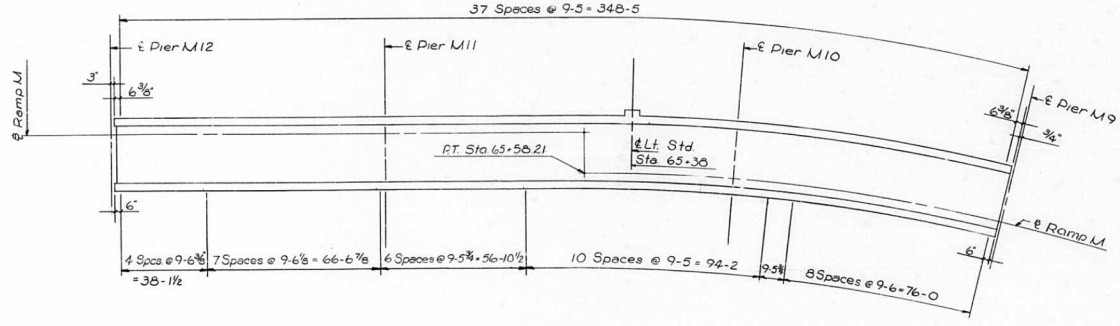
Note:
All Dimensions in Plan are along ℄ of Post

BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
109r	72	#5	17-2	
109r1	24	#5	16-6	
109r2	20	#5	17-10	
109r3	20	#5	19-4	
109r4	20	#5	16-11	
109r5	2	#5	3-8	⊓

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	35.3
Reinforcement Bars	Lbs.	2840
Aluminum Handrail	Lin. Ft.	692

•See Note 'X' Sh. No. 35



PLAN
Handrail Post Spacing
Ramp M

Notes:
For Detail at Lt. Std. see Sh. No. 35
For Handrail & Parapet Jt. Detail see Sh. No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS M10 THRU M12
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

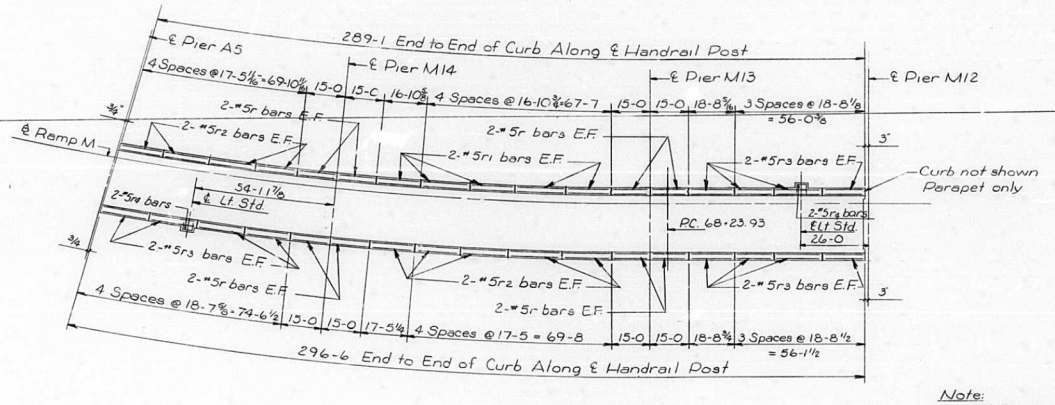
F.A.I. RT. 70 ST. CLAIR CO SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 109 OF 526

IED BY RMR
I BY LWA
ED BY RMR
VED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	163
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Ramp M
Spans M13, M14 & A5-M

Note:
All Dimensions in Plan are along ℄ of Post

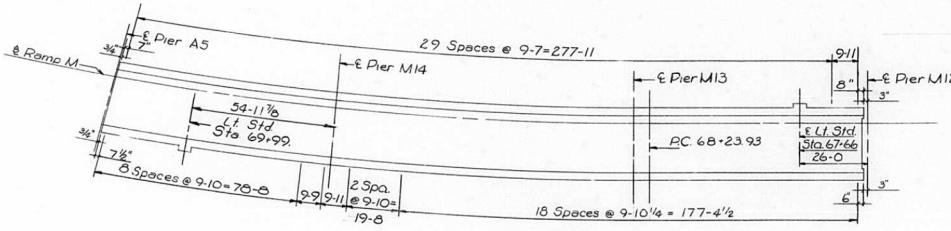
BILL OF MATERIAL

•BAR	NO	SIZE	LENGTH	SHAPE
110 r	32	#5	14-8	
110 r1	20	#5	16-6	
110 r2	36	#5	17-1	
110 r3	48	#5	18-3	
110 r4	4	#5	3-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	29.9
Reinforcement Bars	Lbs.	2400
Aluminum Handrail	Lin. Ft	586

•See Note 'X' Sh. No 35





PLAN
Handrail Post Spacing
Ramp M

Notes:
For Detail at Handrail Posts & Parapet Joints see Sh. No 125
For Detail at Lt. Std. see Sh. No 35

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL
SPANS M13, M14 & A5-M
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

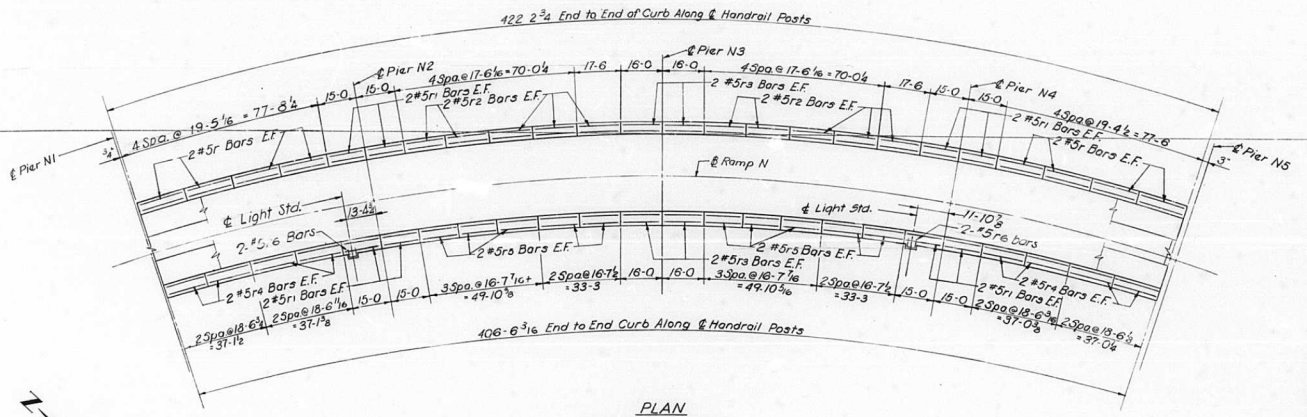
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 110 OF 525

DESIGNED BY RMR
DRAWN BY 13/A
CHECKED BY RMR
APPROVED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	164
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans N1 thru N4

BILL OF MATERIAL

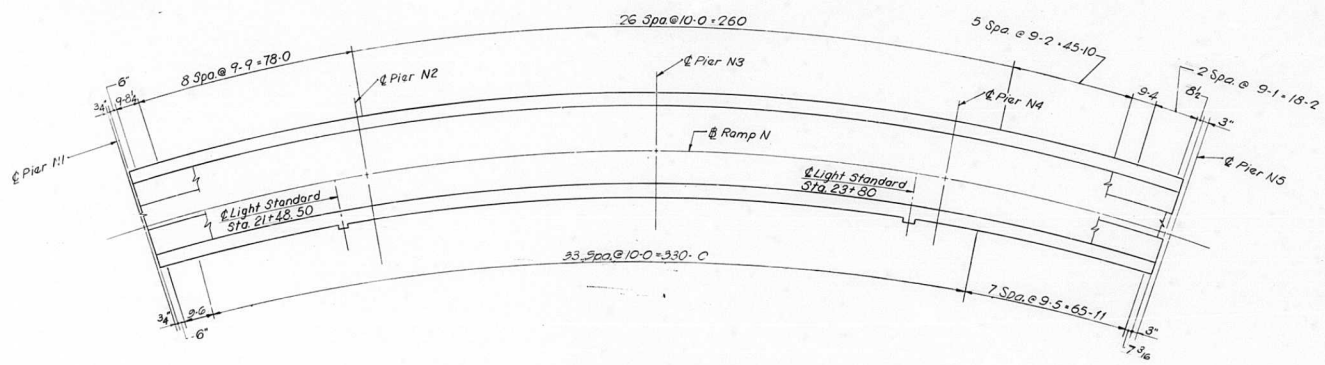
*BAR	NO	SIZE	LENGTH	SHAPE
111 r	32	#5	19-1	——
111 r1	32	#5	14-8	——
111 r2	40	#5	17-2	——
111 r3	16	#5	15-8	——
111 r4	32	#5	18-2	——
111 r5	40	#5	16-3	——
111 r6	4	*5	3-8	L

ITEM	UNIT	TOTAL
CLASS 'X' CONCRETE	Cu Yds.	423
REINFORCEMENT BARS	Lbs.	3400
ALUMINUM HANDRAIL	Lin.Ft.	829

*See Note "X" Sh. No. 35



Bar r6



PLAN
Handrail Post Spacing
Spans N1 thru N4

NOTE:
All dimensions in plan are along ℄ of post.

NOTES:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY RMR
DRAWN BY MICHEL
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

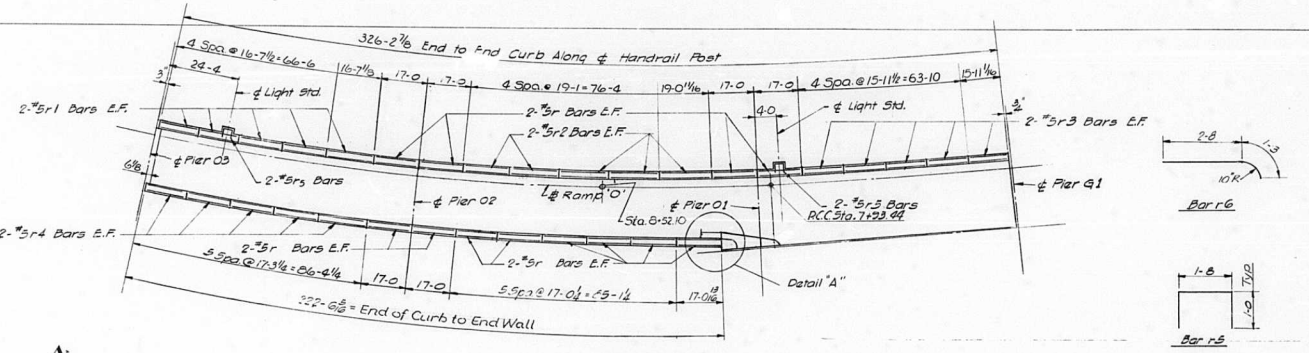
PARAPET AND HANDRAIL
SPANS N1 THRU N4
POPLAR STREET BRIDGE APPROACHES
RAMP "N"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

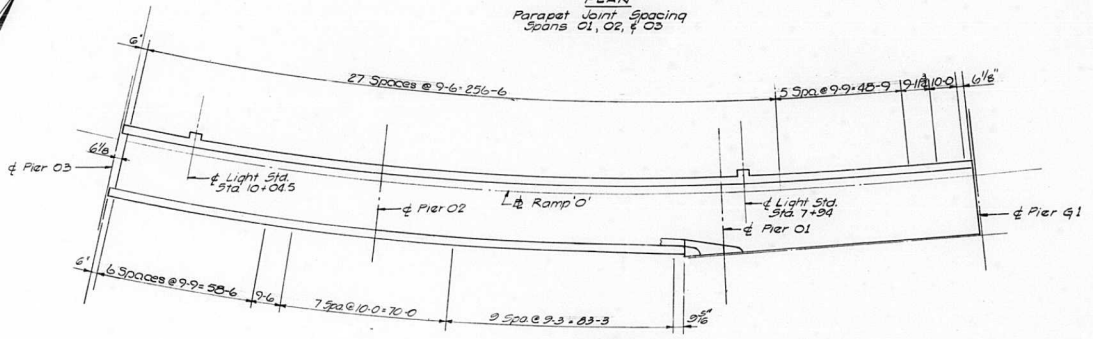
SHEET 111 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	165
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

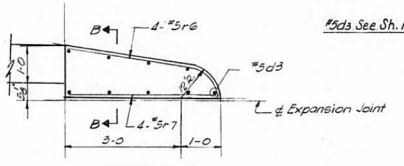


PLAN
Parapet Joint Spacing
Spans 01, 02, & 03

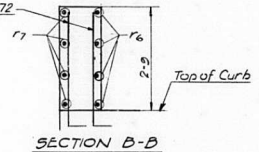




PLAN
Handrail Post Spacing



DETAIL A



SECTION B-B

Bar r6

Bar r5

BILL OF MATERIAL

• BAR	NO	SIZE	LENGTH	SHAPE
112r1	48	#5	16-8	—
112r1	20	#5	16-1	—
112r2	20	#5	18-8	—
112r3	20	#5	19-7	—
112r4	20	#5	16-10	—
112r5	4	#5	3-8	⊏
112r6	4	#5	3-11	⌒
112r7	4	#5	3-6	—

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	285
Reinforcement Bars	Lbs.	2290
Aluminum Handrail	Lin. Ft.	543

• See Note 'X' Sh. No. 35

NOTE:
All dimensions in plan are along ℄ of post.

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS 01 THRU 03

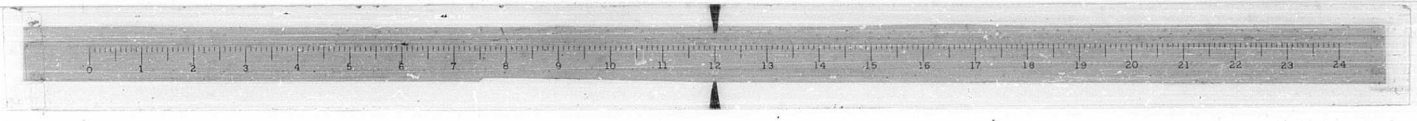
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

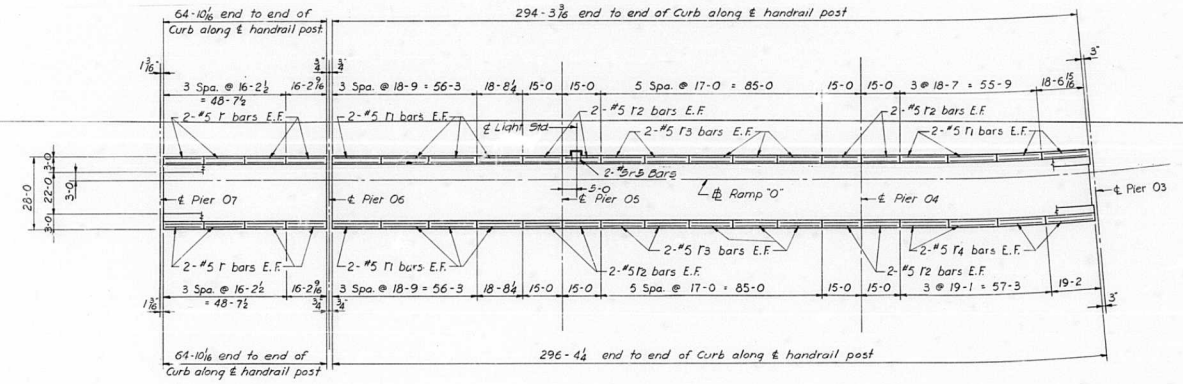
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 112 OF 258

DESIGNED BY R.M.R.
DRAWN BY V.T.
CHECKED BY W.J.F.
APPROVED BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	166
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

PARAPET JOINT SPACING
SPAN 04 THRU 07



Bar r5

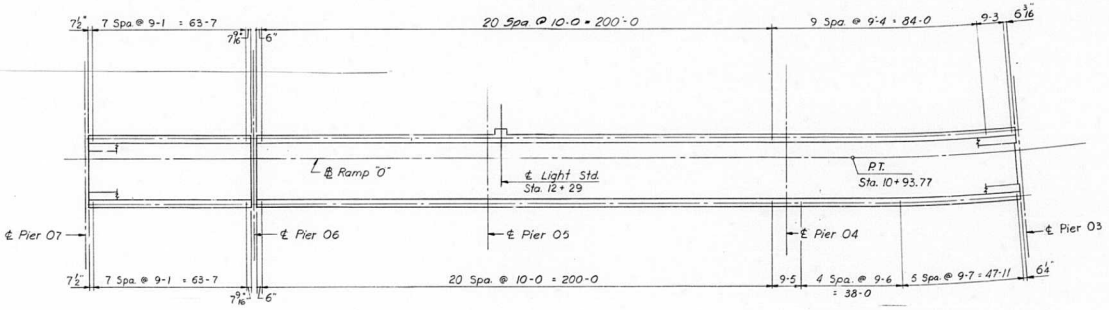
BILL OF MATERIAL

●BAR	No.	SIZE	LENGTH	SHAPE
113r	32	#5	15-10	——
113r1	48		18-3	——
113r2	32		14-8	——
113r3	40		16-8	——
113r4	16		18-9	——
113r5	2	#5	3-8	L

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	367
Reinforcement Bars	Lbs.	2950
Aluminum Handrail	Lin. Ft.	721

● See Note 'X' Sh. Nº 35





PLAN

HANDRAIL POST SPACING

NOTE: All dimensions in plan are along ℄ of post.

NOTE:
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

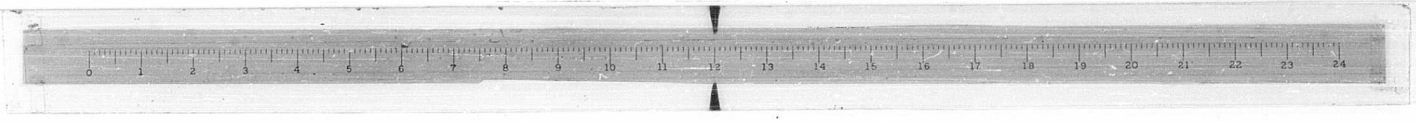
PARAPET AND HANDRAIL
SPANS 04 THRU 07
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

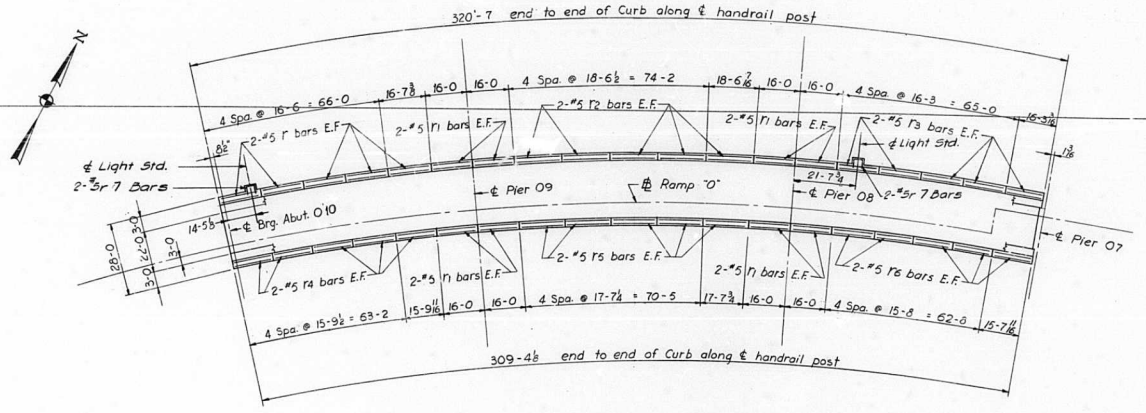
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 113 OF 536

DESIGNED BY R.M.R.
DRAWN BY D.C.F.
CHECKED BY R.M.R.
APPROVED BY K.A.

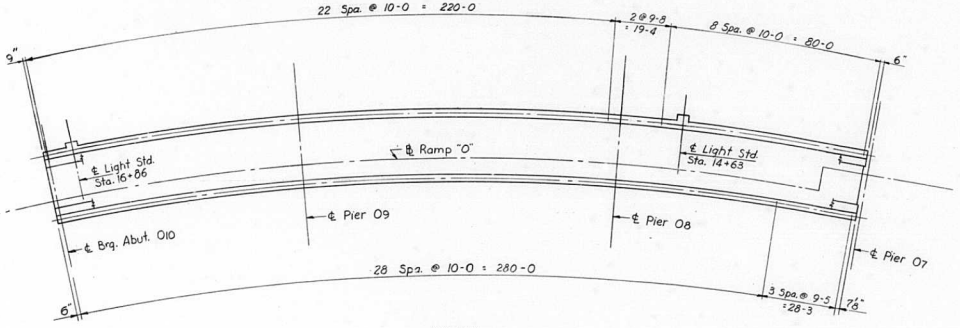


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	167
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

PARAPET JOINT SPACING
SPAN 08 THRU 010



PLAN

HANDRAIL POST SPACING



BILL OF MATERIAL

BAR •	No.	SIZE	LENGTH	SHAPE
114 r	20	#5	16-2	——
114 r1	32		15-8	——
114 r2	20		18-2	——
114 r3	20		15-10	——
114 r4	20		15-5	——
114 r5	20		17-3	——
114 r6	20	#5	15-3	——
114 r7	4	#5	3-8	⊏

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	322
Reinforcement Bars	Lbs.	2580
Aluminum Handrail	Lin. Ft.	630

• See Note X Sh. N² 35

NOTE:
All dimensions in plan are along ℄ of post.

NOTE:
For Detail at Light Std. see Sheet No.35
For Handrail & Parapet Joint Details see Sheet No. 125

DESIGNED BY RMR
DRAWN BY DCF
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS 08 THRU 010

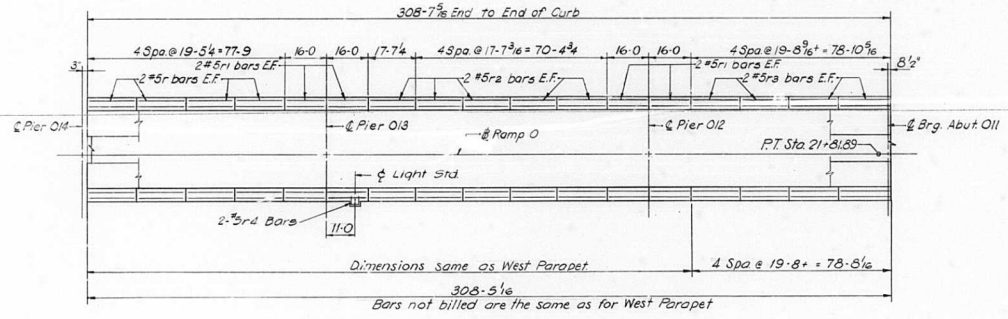
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I.RT.70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

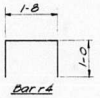
SHEET 114 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	168
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN

Parapet Joint Spacing
Spans 012 thru 014



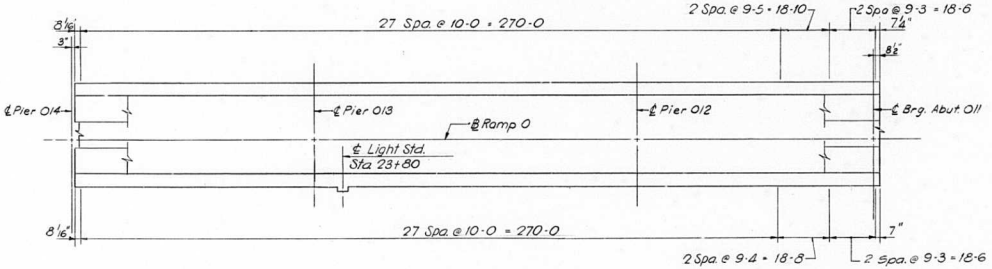
BILL OF MATERIAL

• BAR	NO	SIZE	LENGTH	SHAPE
115r	32	#5	19-1	—
115r1	32	#5	15-8	—
115r2	40	#5	17-3	—
115r3	32	#5	19-4	—
115r4	2	#5	3-8	L

ITEM	UNIT	TOTAL
CLASS 'X' CONCRETE	Cu.Yds.	315
REINFORCEMENT BARS	Lbs.	2530
ALUMINUM HANDRAIL	Lin.Ft	618

• See Note X Sh. No. 35





PLAN

Handrail Post Spacing
Spans 012 thru 014

NOTE:
All dimensions in plan are along ℄ of post

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS 012 THRU 014

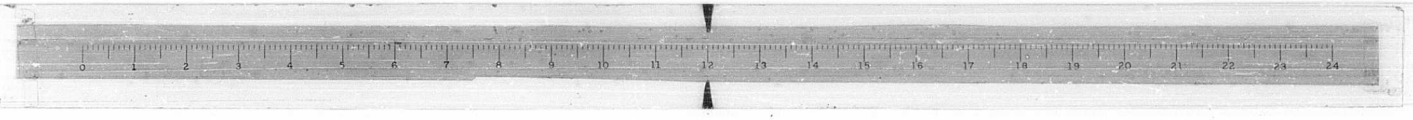
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

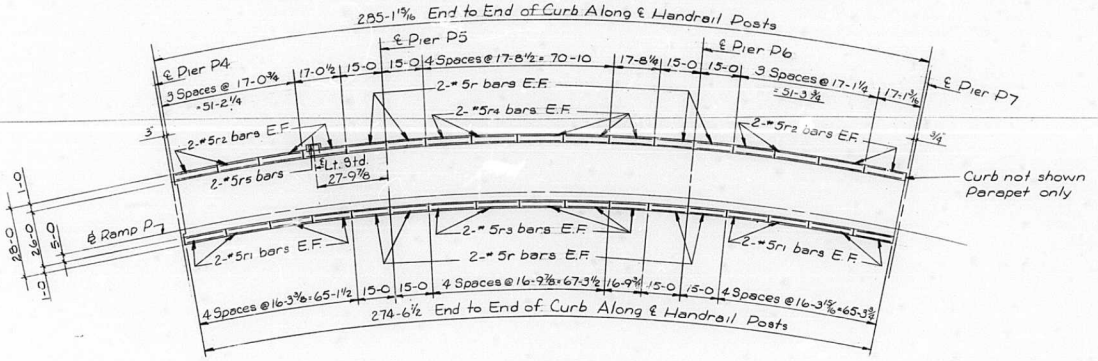
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 115 OF 526

DESIGNED BY RMR
DRAWN BY MICHEL
CHECKED BY RMR
APPROVED BY EA



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	169
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Ramp P
Spans P4-P6

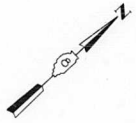
Note:
All Dimensions in Plan are along ℄ of Post

BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
116r	32	#5	14-8	——
116r1	32	#5	15-11	——
116r2	32	#5	16-8	——
116r3	20	#5	16-5	——
116r4	20	#5	17-4	——
116r5	2	#5	3-8	⌐

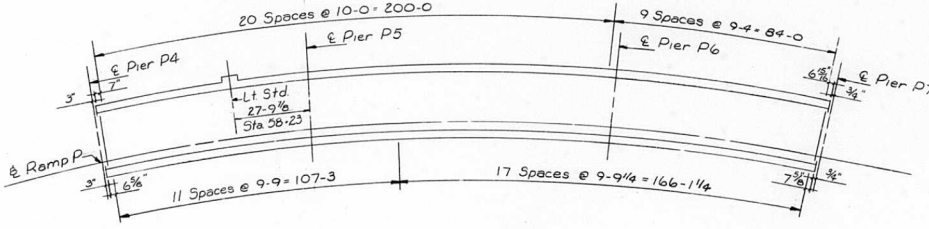
ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	206
Reinforcement Bars	Lbs.	2290
Aluminum Handrail	Lin. Ft.	560

•See Note 'X' Sh. No 35





Bar r5



PLAN
Handrail Post Spacing
Ramp P

Notes:
For Detail at Lt Std. see Sh. No 35
For Detail at Handrail & Parapet Joint see Sh. No 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS P4 THRU P6

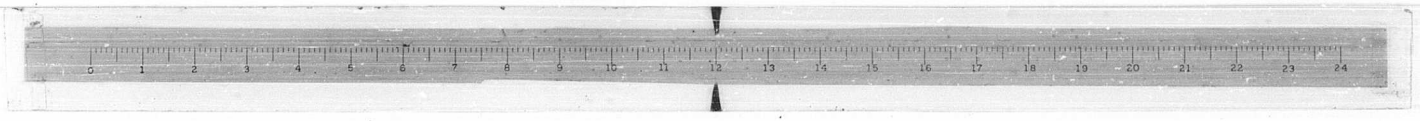
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

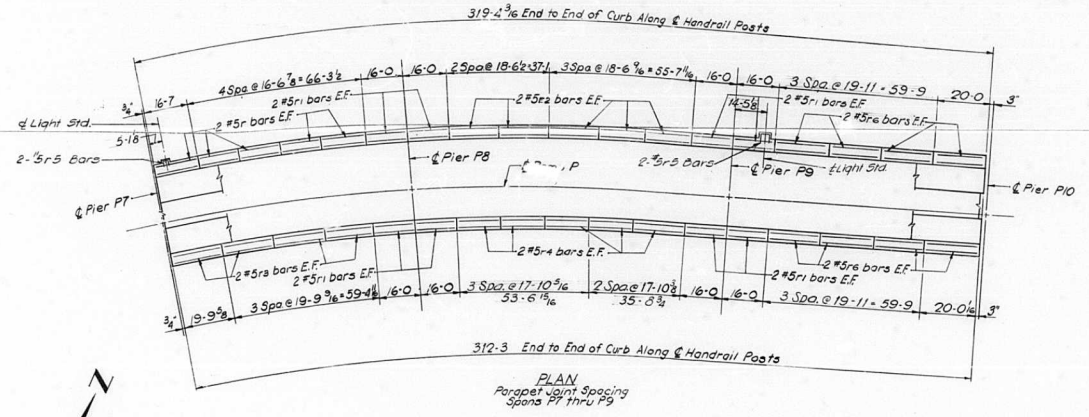
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
116 OF 526

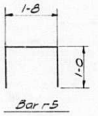
DESIGNED BY RMR
DRAWN BY WA
CHECKED BY RMR
APPROVED BY KA



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	170
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	



PLAN
Parapet Joint Spacing
Spans P7 thru P9

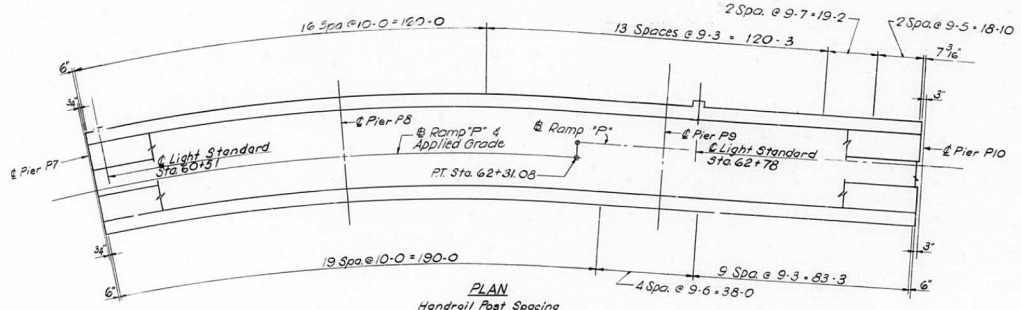


BILL OF MATERIAL

•BAR	NO	SIZE	LENGTH	SHAPE
117r	20	#5	16-3	—
117r1	32	#5	15-8	—
117r2	20	#5	18-2	—
117r3	16	#5	19-3	—
117r4	20	#5	17-6	—
117r5	4	#5	5-8	⊓
117r6	32	#5	19-7	—

ITEM	UNIT	TOTAL
CLASS "A" CONCRETE	Cu Yds	323
REINFORCEMENT BARS	Lbs	2600
ALUMINUM HANDRAIL	Lin.Ft	632

•See Note X Sh. No. 95



PLAN
Handrail Post Spacing
Spans P7 thru P9

NOTE:
All dimensions in plan are along ℄ of post

NOTE:
For Detail of Light Std. see Sheet No. 35
For Handrail & Parapet Joint Detail see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL
SPANS P7 THRU P9
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

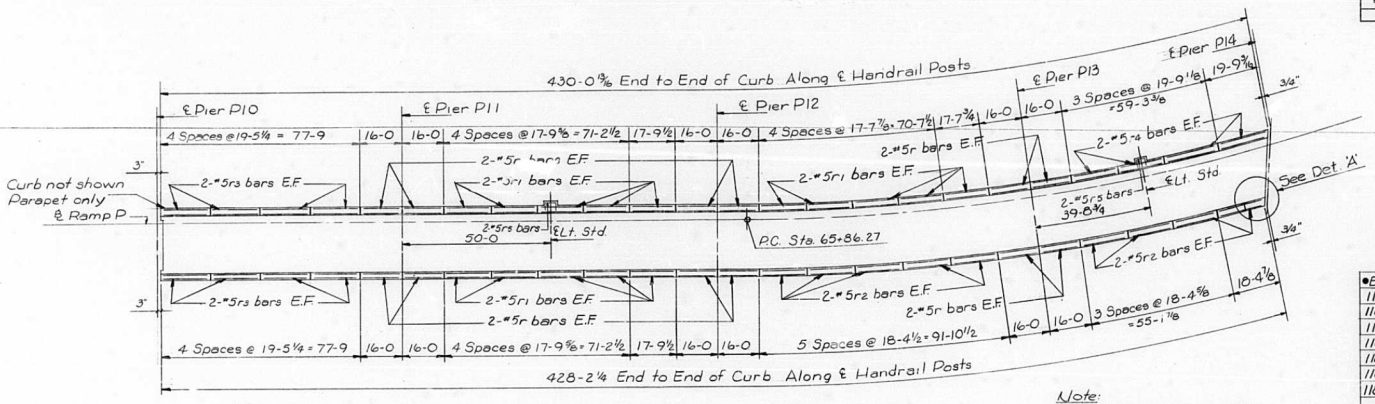
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 117 of 526

DESIGNED BY RMR
DRAWN BY MICHEL
CHECKED BY RMR
APPROVED BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. – 70	82-3HVD-1	ST. CLAIR	258	171
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Ramp P
Spans P10-P13

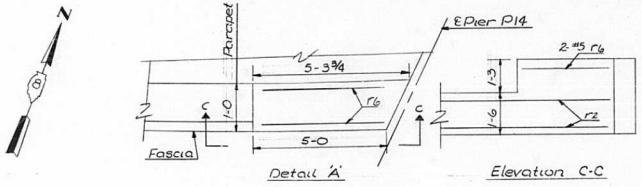
Note:
All Dimensions in Plan are along ℄ of Posts

BILL OF MATERIAL

•BAR	NO.	SIZE	LENGTH	SHAPE
118 r	48	#5	15-8	
118 r1	60	#5	17-4	
118 r2	36	#5	18-0	
118 r3	32	#5	19-1	
118 r4	16	#5	19-5	
118 r5	4	#5	3-8	
118 r6	2	#5	4-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	44.1
Reinforcement Bars	Lbs.	3530
Aluminum Handrail	Lin. Ft.	854

• See Note 'X' Sh. N° 35

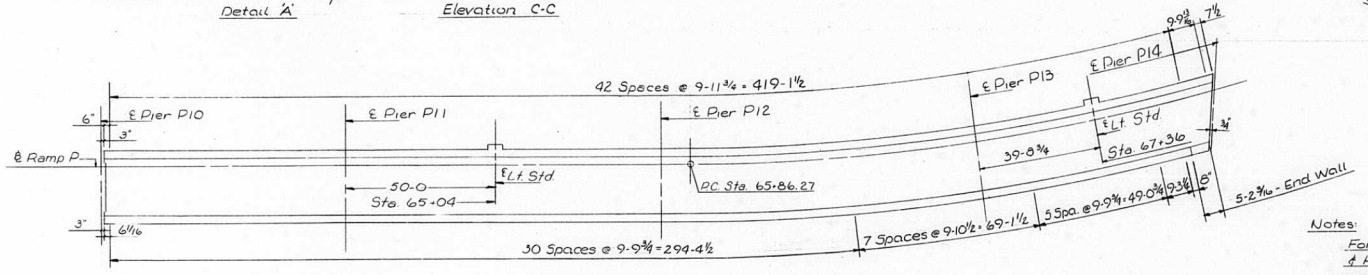


Detail 'A'

Elevation C-C



Bar r5



PLAN
Handrail Post Spacing
Ramp P

Notes:
For Detail of Parapet Joint & Handrail see Sh. N° 35
For Detail at Lt Std. see Sh. No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS P10 THRU P13
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

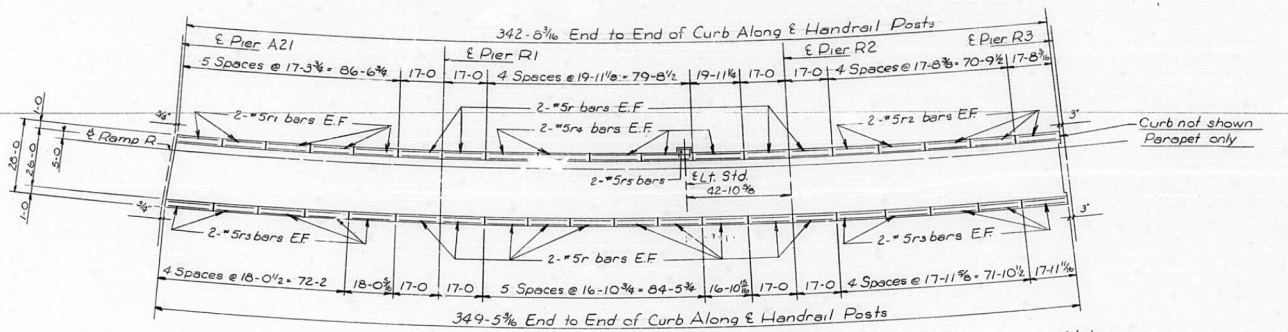
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 110 OF 525

D BY RMR
BY LWA
BY RMR
D BY KA

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	172
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



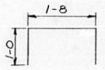
PLAN
Parapet Joint Spacing
Ramp R
Spans A21-R2

BILL OF MATERIAL

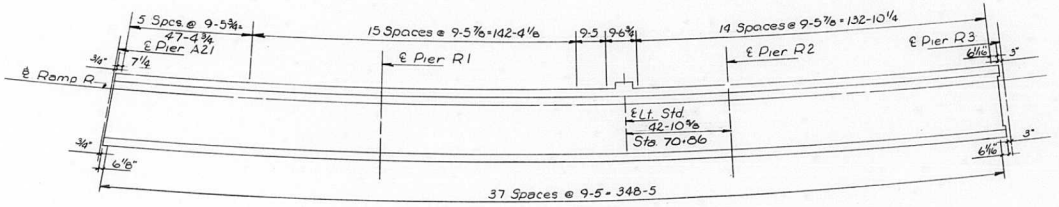
•BAR	NO	SIZE	LENGTH	SHAPE
119r	56	#5	16-6	
119r1	20	#5	16-11	
119r2	20	#5	17-4	
119r3	40	#5	17-7	
119r4	20	#5	19-7	
119r5	2	#5	3-8	

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds	35.3
Reinforcement Bars	Lbs.	2830
Aluminum Handrail	Lin. Ft.	693

•See Note 'X' Sh. N.º 35



Bar r5



PLAN
Handrail Post Spacing
Ramp R

Notes:
For Detail of Lt. Std. see Sh. N.º 35
For Detail of Parapet Joint & Handrail Post see Sh. N.º 125

DESIGNED BY RMR
DRAWN BY JVA
CHECKED BY RMR
APPROVED BY KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

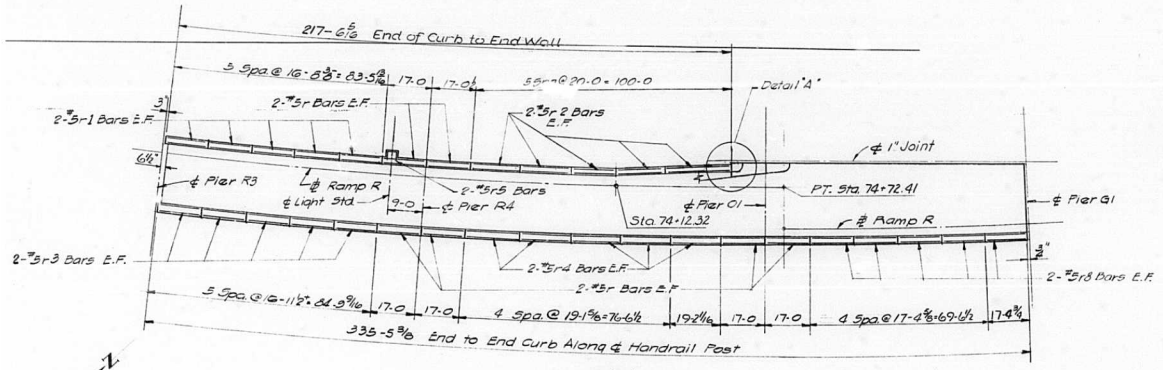
SPANS A21-R, R1 & R2
POPLAR STREET BRIDGE APPROACHES
RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

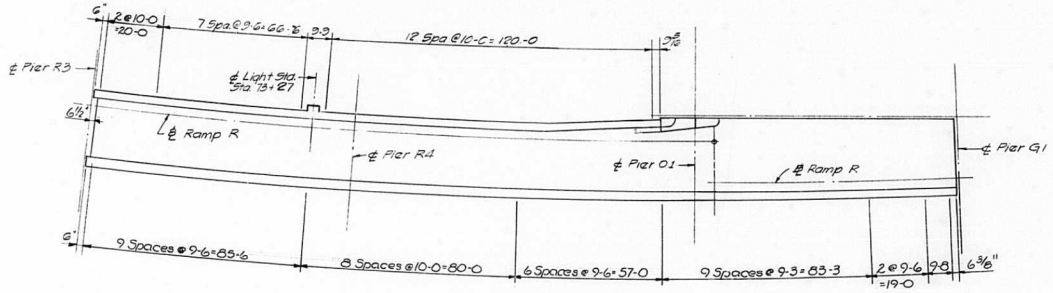
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 119 OF 525

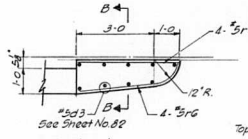
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	173
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



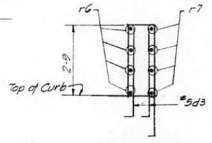
PLAN
Parapet Joint Spacing
Spans R3, R4 & 01



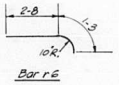
PLAN
Handrail Post Spacing



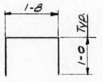
DETAIL A



SECTION B-B



Bar r6



Bar r5

BILL OF MATERIAL

• BAR	NO	SIZE	LENGTH	SHAPE
120r	24	#5	16-8	—
120r1	20	#5	16-4	—
120r2	20	#5	19-6	—
120r3	20	#5	16-6	—
120r4	20	#5	12-9	—
120r5	2	#5	3-8	⊓
120r6	4	#5	3-11	—
120r7	4	#5	3-6	—
120r8	20	#5	17-0	—

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu.Yds	28.6
Reinforcement Bars	Lbs	2290
Aluminum Handrail	Lin. Ft.	553

• See Note 'X' Sheet No. 35

NOTE:
All dimensions in plan are along ℄ of pier.

NOTE:
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL
SPANS R3, R4 & 01-R
POPLAR STREET BRIDGE APPROACHES
RAMP "R"

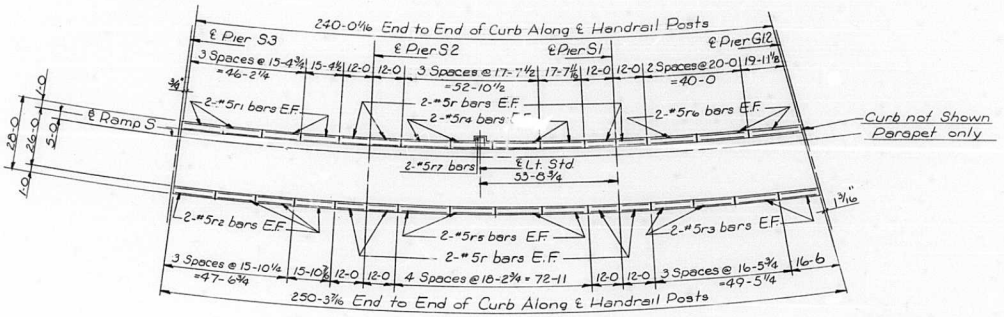
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 120 OF 258

ED BY R.M.R.
BY V.T.
ED BY W.J.F.
ED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	174
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Ramp S
Spans S1-S3

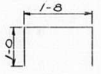
Note:
All Dimensions in Plan are along ℄ of Posts.

BILL OF MATERIAL

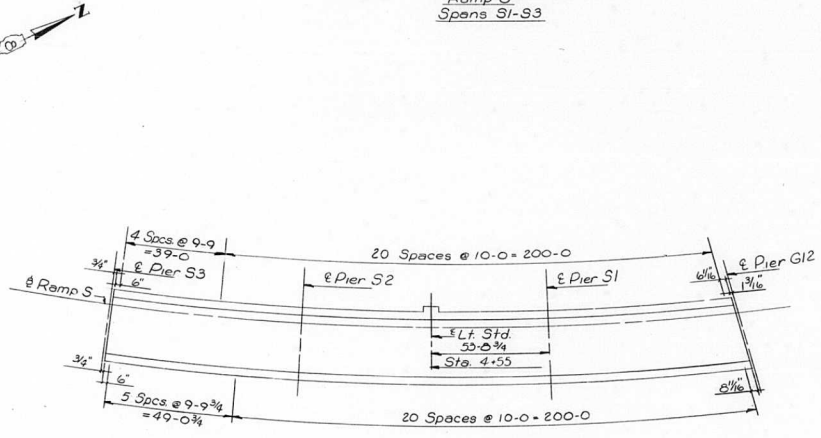
•BAR	NO	SIZE	LENGTH	SHAPE
121 r	32	#5	11-8	——
121 r1	16	#5	15-0	——
121 r2	16	#5	15-6	——
121 r3	16	#5	16-1	——
121 r4	16	#5	17-3	——
121 r5	16	#5	17-10	——
121 r6	12	#5	19-8	——
121 r7	2	#5	3-8	⌐

ITEM	UNIT	TOTAL
Class X Concrete	Cu. Yds.	25.0
Reinforcement Bars	Lbs.	2010
Aluminum Handrail	Lin. Ft.	491

• See Note 'X' Sh. N.º 35



Bar r7



PLAN
Handrail Post Spacing
Ramp S

Notes:
For Detail at Lt. Std. see Sh. N.º 35
For Detail at Handrail ℄ Parapet Joint see Sh. N.º 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS S1 THRU S3

POPLAR STREET BRIDGE APPROACHES
RAMP "S"

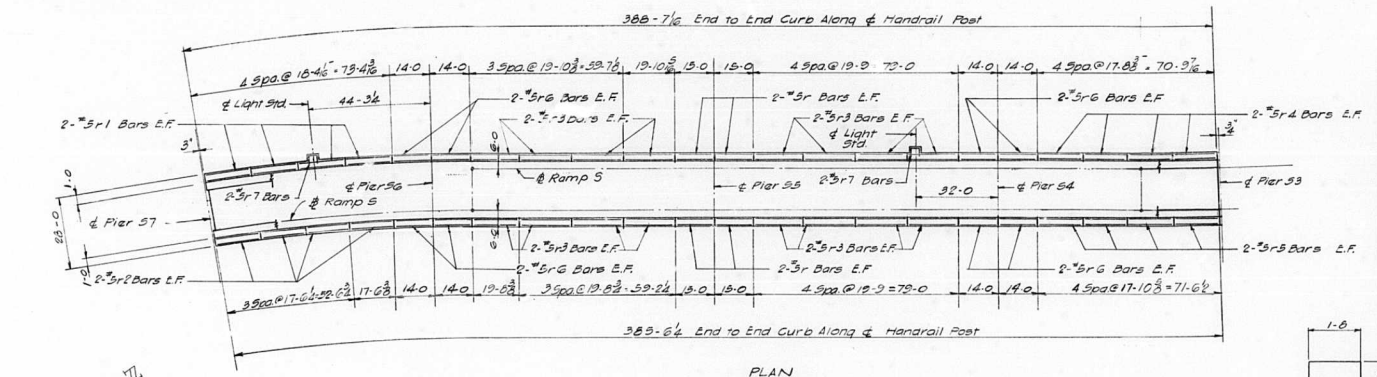
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 121 OF 525

SIGNED BY RMR
DRAWN BY JWA
CHECKED BY RMR
APPROVED BY KA

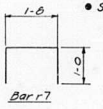
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	175
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN
Parapet Joint Spacing
Spans S4 Thru S7

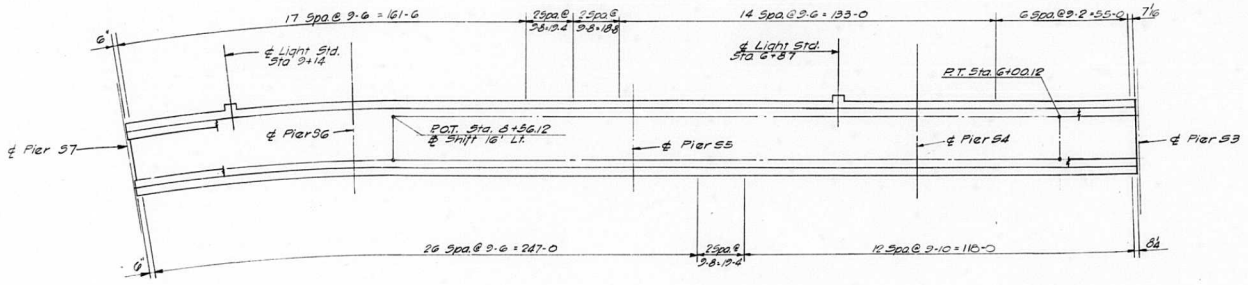
BILL OF MATERIAL				
●BAR	NO	SIZE	LENGTH	SHAPE
122r	16	#5	14-8	——
122r1	16	#5	18-0	——
122r2	16	#3	17-2	——
122r3	64	#5	19-5	——
122r4	16	#5	17-4	——
122r5	16	#5	17-6	——
122r6	32	#5	13-8	——
122r7	4	#5	3-8	[
ITEM			UNIT	TOTAL
Class 'X' Concrete			Cu.Yds.	395
Reinforcement Bars			Lbs.	31180
Aluminum Handrail			Lin.Ft.	775

● See Note 'X' Sheet No. 35



Bar r7





PLAN
Handrail Post Spacing

NOTE:
All dimensions in plan are along ℄ of post.

NOTES:
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

PARAPET AND HANDRAIL

SPANS S4 THRU S7

POPLAR STREET BRIDGE APPROACHES
RAMP "S"

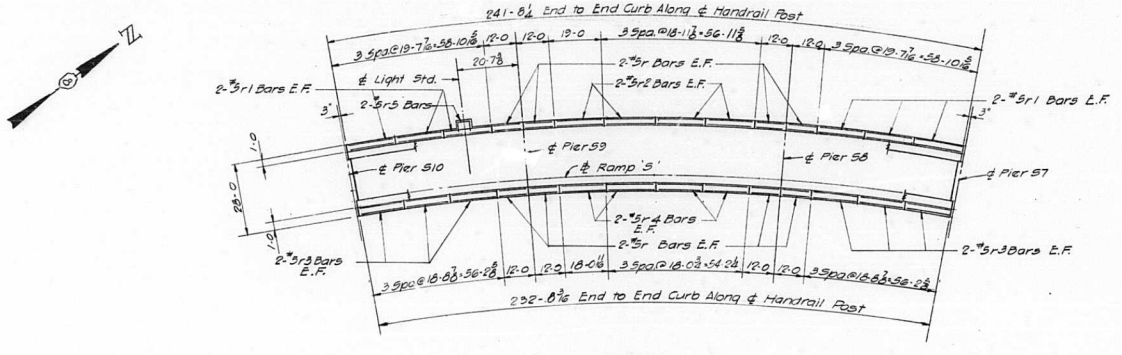
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

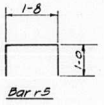
SHEET 122 OF 526

DESIGNED BY RMR
DRAWN BY KA.
CHECKED BY RMR
APPROVED BY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVD-1	ST. CLAIR	258	176
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



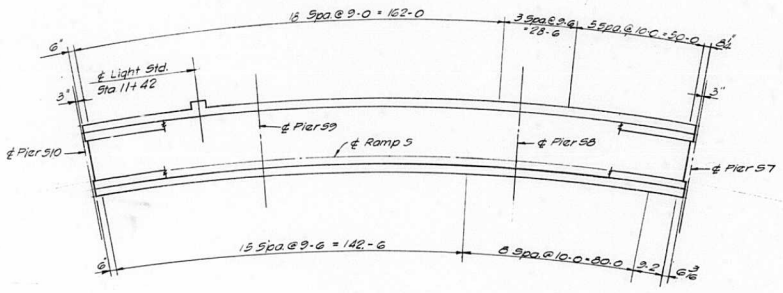
PLAN
Parapet Joint Spacing
Spans S8, S9, & S10



BILL OF MATERIAL				
• BAR	NO	SIZE	LENGTH	SHAPE
123r	36	#5	11-6	——
123r1	24	#5	19-3	——
123r2	16	#5	18-7	——
123r3	24	#5	16-5	——
123r4	16	#5	17-8	——
123r5	2	#5	3-8	⊏
ITEM			UNIT	TOTAL
Class 'X' Concrete			Cu.Yds.	24.2
Reinforcement Bars			Lbs.	1,940
Aluminum Handrail			Lin. Ft.	476

• See Note 'X' Sheet No. 35

NOTE:
All dimensions in plan are along ℄ of post.



PLAN
Handrail Post Spacing

NOTE:
For Detail at Light Std. see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

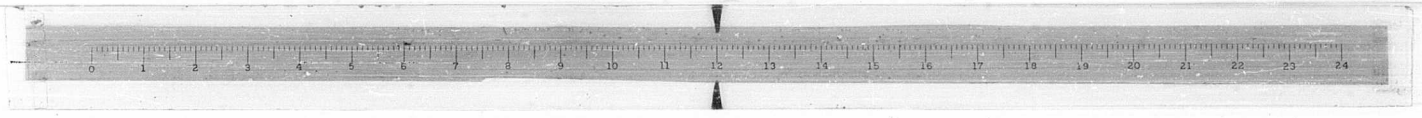
PARAPET AND HANDRAIL
SPANS S8 THRU S10
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

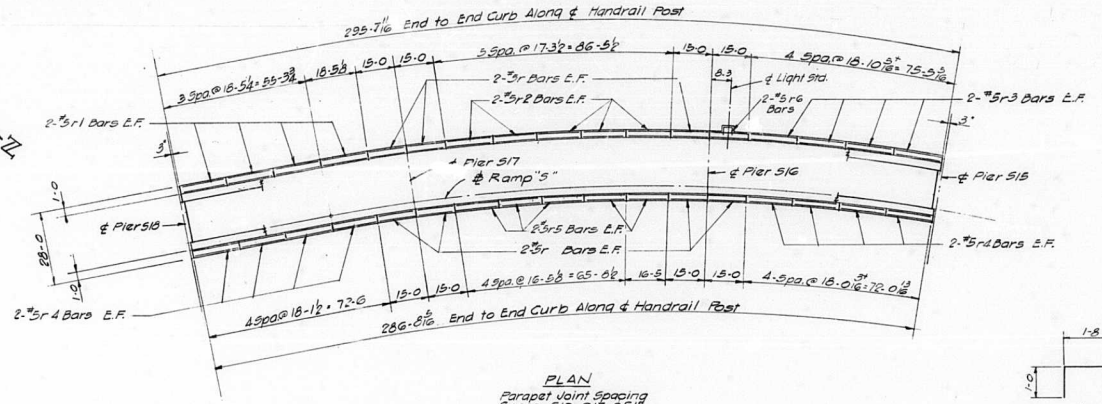
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 123 OF 258

DESIGNED BY RMR
DRAWN BY VT
CHECKED BY RMR
APPROVED BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. – 70	82-3HVD-1	ST. CLAIR	258	177
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



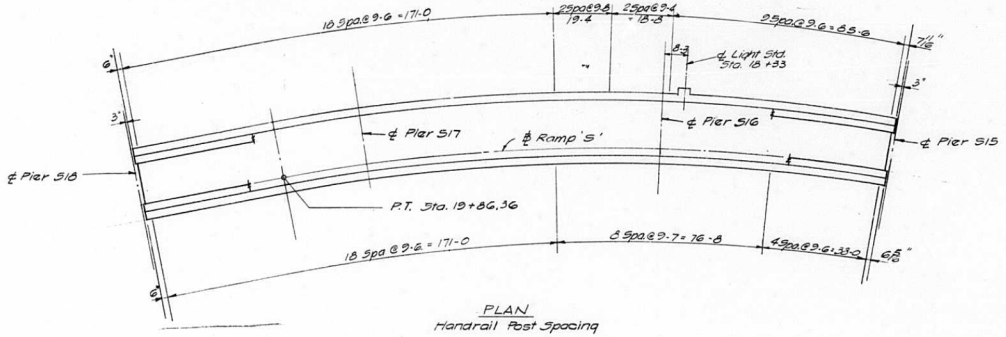
PLAN
Parapet Joint Spacing
Spans S16, S17, & S18

BILL OF MATERIAL

● BAR	NO	SIZE	LENGTH	SHAPE
124 r	32	#5	14-8	——
124 r1	16	#5	18-1	——
124 r2	20	#5	16-11	——
124 r3	16	#5	18-6	——
124 r4	32	#5	17-8	——
124 r5	20	#5	16-1	——
124 r6	2	#5	3-8	⊓

ITEM	UNIT	TOTAL
Class 'X' Concrete	Cu. Yds.	29.7
Reinforcement Bars	Lbs.	2390
Aluminum Handrail	Lin. Ft.	583

● See Note 'X' Sheet No. 35



PLAN
Handrail Post Spacing

NOTE:
All dimensions in plan are along ℄ of post.

NOTES:
For Detail of Light Std see Sheet No. 35
For Handrail & Parapet Joint Details see Sheet No. 125

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

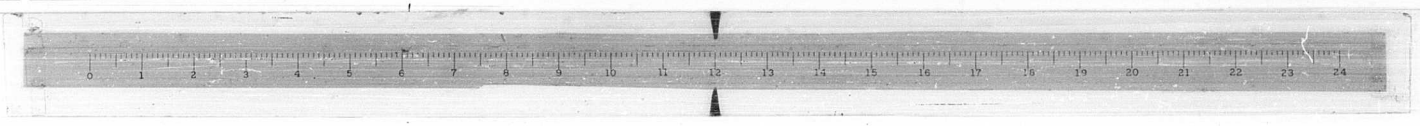
PARAPET AND HANDRAIL
SPANS S16 THRU S18
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

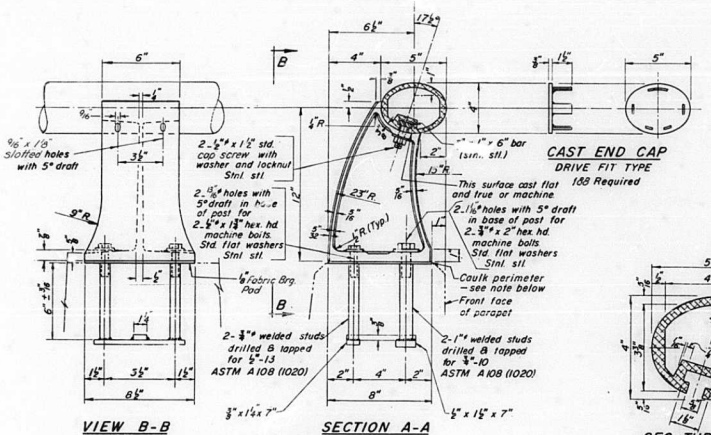
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 124 OF 526

RMR
VI
RMR
KA



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	178
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



VIEW B-B

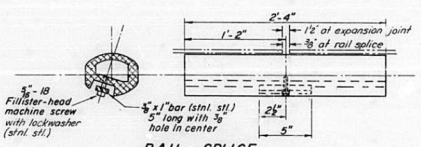
SECTION A-A

RAIL POST DETAILS

CAST END CAP

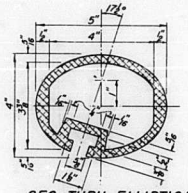
DRIVE FIT TYPE

188 Required

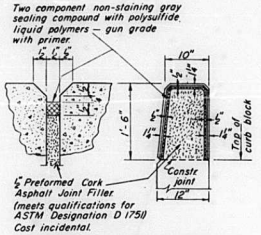


RAIL SPLICE

Notch top of slot in rails to clear ⅝" screw.



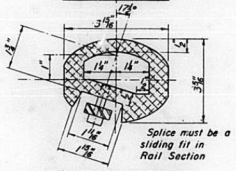
SEC. THRU ELLIPTICAL RAIL SECTION



PARAPET JOINT DETAIL

Note:

Seal perimeter of base of post to parapet with two component non-staining gray sealing compound with polysulfide liquid polymers -gun grade with primer.



SEC. THRU SPLICE

NOTES:

All Posts shall be normal to parapet.

All Aluminum Alloy Extruded Rail shall conform to ASTM specification B-221 alloy 6061-T6, and shall extend a minimum of 2 panel lengths (attached to minimum of 3 posts) except at ends or at open joints where a minimum of 1 panel length is required. All joints in railing must be spliced per detail.

See Special Provisions for following Material Specifications:

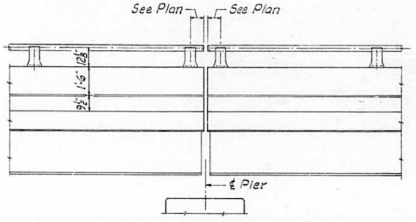
Cast Aluminum Alloy Bridge Post— Alloy A344-T4.
Stainless Steel Bars, Cap Screws, Washers and Lockwashers.
Fabric Bearing Pad.

METHOD of MEASUREMENT: Aluminum handrail shall be measured in lineal feet. The length paid for shall be the over all length along the top longitudinal railing member thru all posts and gaps.

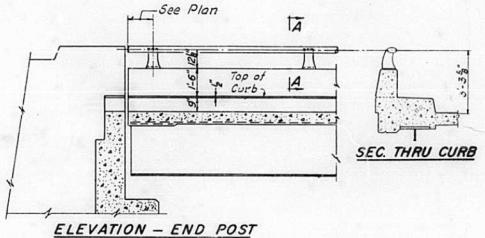
BASIS of PAYMENT: Aluminum handrail shall be paid for at the contract unit price per lineal foot for ALUMINUM HANDRAIL, measured as specified, which price shall be payment in full for all materials, fabrication, transportation, and erection.

Cost of rail splice, end caps, and hardware to be incidental to item ALUMINUM HANDRAIL.

Provide 1-⅛" and 2-1/16" Aluminum Shims for 25% of the Posts. Rail element shall be parallel to Grade — high spots shall be ground, and low spots shimmed.



ELEVATION AT EXP. PIERS



SEC. THRU CURB

ELEVATION — END POST

RMR
GG
RMR
KA

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ALUMINUM HANDRAIL

POPLAR STREET BRIDGE APPROACHES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 125 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	179
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	4956.864	- 36.041	450.875	450.875
	4956.864	- 29.536	450.977	450.977
	4956.864	- 23.030	451.078	451.078
	4956.864	- 16.525	451.180	451.180
	4956.864	- 10.020	451.281	451.281
	4956.864	- 3.515	451.383	451.383
	4956.864	2.990	451.484	451.484
	4956.864	9.495	451.586	451.586
	4956.864	16.000	451.687	451.687

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	4966.132	- 36.226	450.590	450.603
	4966.132	- 29.698	450.691	450.705
	4966.132	- 23.169	450.793	450.807
	4966.132	- 16.641	450.895	450.909
	4966.132	- 10.113	450.997	451.010
	4966.132	- 3.584	451.099	451.112
	4966.132	2.943	451.201	451.214
	4966.132	9.472	451.302	451.316
	4966.132	16.000	451.404	451.418

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	4975.400	- 36.411	450.304	450.327
	4975.400	- 29.860	450.406	450.430
	4975.400	- 23.308	450.508	450.532
	4975.400	- 16.757	450.610	450.634
	4975.400	- 10.205	450.713	450.736
	4975.400	- 3.654	450.815	450.838
	4975.400	2.897	450.917	450.941
	4975.400	9.448	451.019	451.043
	4975.400	16.000	451.121	451.145

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	4986.000	- 36.623	449.977	450.007
	4986.000	- 30.045	450.080	450.109
	4986.000	- 23.467	450.182	450.212
	4986.000	- 16.889	450.285	450.314
	4986.000	- 10.311	450.387	450.417
	4986.000	- 3.733	450.490	450.520
	4986.000	2.944	450.593	450.622
	4986.000	9.422	450.695	450.725
	4986.000	16.000	450.798	450.827

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	4996.600	- 36.835	449.650	449.679
	4996.600	- 30.231	449.753	449.782
	4996.600	- 23.626	449.856	449.885
	4996.600	- 17.022	449.959	449.988
	4996.600	- 10.417	450.062	450.091
	4996.600	- 3.813	450.165	450.194
	4996.600	2.791	450.268	450.297
	4996.600	9.395	450.371	450.400
	4996.600	16.000	450.474	450.503

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	5007.200	- 37.047	449.323	449.345
	5007.200	- 30.416	449.427	449.448
	5007.200	- 23.785	449.530	449.552
	5007.200	- 17.154	449.634	449.655
	5007.200	- 10.523	449.737	449.759
	5007.200	- 3.892	449.841	449.862
	5007.200	2.738	449.944	449.966
	5007.200	9.369	450.047	450.069
	5007.200	16.000	450.151	450.173

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	5017.800	- 37.260	448.997	449.009
	5017.800	- 30.602	449.101	449.113
	5017.800	- 23.944	449.205	449.216
	5017.800	- 17.287	449.309	449.320
	5017.800	- 10.629	449.412	449.424
	5017.800	- 3.972	449.516	449.528
	5017.800	2.685	449.620	449.632
	5017.800	9.342	449.724	449.736
	5017.800	16.000	449.828	449.840

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	5028.400	- 37.472	448.681	448.685
	5028.400	- 30.787	448.786	448.789
	5028.400	- 24.103	448.890	448.893
	5028.400	- 17.419	448.994	448.998
	5028.400	- 10.735	449.099	449.102
	5028.400	- 4.051	449.203	449.206
	5028.400	2.632	449.307	449.310
	5028.400	9.316	449.411	449.415
	5028.400	16.000	449.516	449.519

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	5039.000	- 37.684	448.381	448.381
	5039.000	- 30.973	448.485	448.485
	5039.000	- 24.262	448.590	448.590
	5039.000	- 17.552	448.695	448.695
	5039.000	- 10.841	448.799	448.799
	5039.000	- 4.131	448.904	448.904
	5039.000	2.579	449.009	449.009
	5039.000	9.289	449.114	449.114
	5039.000	16.000	449.218	449.218

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	5049.600	- 37.896	448.095	448.100
	5049.600	- 31.158	448.200	448.205
	5049.600	- 24.421	448.305	448.310
	5049.600	- 17.684	448.410	448.416
	5049.600	- 10.947	448.515	448.521
	5049.600	- 4.210	448.620	448.626
	5049.600	2.526	448.725	448.731
	5049.600	9.263	448.830	448.836
	5049.600	16.000	448.936	448.941

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	5060.200	- 38.108	447.824	447.839
	5060.200	- 31.344	447.929	447.945
	5060.200	- 24.580	448.035	448.050
	5060.200	- 17.817	448.140	448.156
	5060.200	- 11.053	448.246	448.261
	5060.200	- 4.290	448.351	448.367
	5060.200	2.473	448.457	448.472
	5060.200	9.236	448.562	448.578
	5060.200	16.000	448.668	448.683

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	5070.800	- 38.320	447.567	447.594
	5070.800	- 31.530	447.673	447.700
	5070.800	- 24.739	447.779	447.806
	5070.800	- 17.949	447.885	447.912
	5070.800	- 11.159	447.991	448.018
	5070.800	- 4.369	448.097	448.124
	5070.800	2.420	448.203	448.230
	5070.800	9.210	448.309	448.335
	5070.800	16.000	448.415	448.441

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	5081.400	- 38.532	447.326	447.361
	5081.400	- 31.715	447.432	447.467
	5081.400	- 24.898	447.538	447.574
	5081.400	- 18.082	447.645	447.680
	5081.400	- 11.265	447.751	447.786
	5081.400	- 4.449	447.857	447.893
	5081.400	2.367	447.964	447.999
	5081.400	9.183	448.070	448.105
	5081.400	16.000	448.176	448.212

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	5092.000	- 38.744	447.099	447.137
	5092.000	- 31.901	447.205	447.244
	5092.000	- 25.057	447.312	447.351
	5092.000	- 18.214	447.419	447.457
	5092.000	- 11.371	447.526	447.564
	5092.000	- 4.528	447.633	447.671
	5092.000	2.314	447.739	447.778
	5092.000	9.157	447.846	447.884
	5092.000	16.000	447.953	447.991

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	5102.600	- 38.956	446.887	446.921
	5102.600	- 32.086	446.994	447.028
	5102.600	- 25.216	447.101	447.135
	5102.600	- 18.347	447.208	447.242
	5102.600	- 11.477	447.315	447.350
	5102.600	- 4.608	447.423	447.457
	5102.600	2.261	447.530	447.564
	5102.600	9.130	447.637	447.671
	5102.600	16.000	447.744	447.778

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	5113.200	- 39.168	446.689	446.714
	5113.200	- 32.272	446.797	446.822
	5113.200	- 25.375	446.905	446.930
	5113.200	- 18.479	447.012	447.037
	5113.200	- 11.583	447.120	447.145
	5113.200	- 4.687	447.227	447.252
	5113.200	2.208	447.335	447.360
	5113.200	9.104	447.442	447.468
	5113.200	16.000	447.550	447.575

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	5123.800	- 39.380	446.507	446.521
	5123.800	- 32.457	446.615	446.629
	5123.800	- 25.534	446.723	446.737
	5123.800	- 18.612	446.831	446.845
	5123.800	- 11.689	446.939	446.953
	5123.800	- 4.767	447.047	447.061
	5123.800	2.155	447.155	447.169
	5123.800	9.077	447.263	447.277
	5123.800	16.000	447.371	447.385

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	5134.400	- 39.592	446.287	446.292
	5134.400	- 32.643	446.418	446.422
	5134.400	- 25.693	446.548	446.552
	5134.400	- 18.744	446.664	446.669
	5134.400	- 11.795	446.773	446.777
	5134.400	- 4.846	446.881	446.885
	5134.400	2.102	446.990	446.994
	5134.400	9.051	447.098	447.102
	5134.400	16.000	447.206	447.211

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	5145.000	- 39.804	446.060	446.060
	5145.000	- 32.828	446.221	446.221
	5145.000	- 25.853	446.382	446.382
	5145.000	- 18.877	446.513	446.513
	5145.000	- 11.901	446.622	446.622
	5145.000	- 4.926	446.730	446.730
	5145.000	2.049	446.839	446.839
	5145.000	9.024	446.948	446.948
	5145.000	16.000	447.057	447.057

Notes

Girders and Stringers are identified in the Tables by their offset.

Floor Beam 1.5 indicates a line half way between Floor Beam 1 and Floor Beam 2.

Elevations in the Tables are given to the extended roadway when the points are at the curb or median.

DESIGNED BY R.M.P.
DRAWN BY A.N.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS A1 AND A2

POPLAR STREET BRIDGE APPROACHES

ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 126 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	180
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
10.5	5155.600	– 40.016	445.845	445.851
	5155.600	– 33.014	446.038	446.043
	5155.600	– 26.012	446.231	446.236
	5155.600	– 19.009	446.376	446.382
	5155.600	– 12.007	446.485	446.491
	5155.600	– 5.005	446.594	446.600
	5155.600	1.996	446.704	446.709
	5155.600	8.998	446.813	446.819
	5155.600	16.000	446.922	446.928

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
11.0	5166.200	– 40.228	445.643	445.659
	5166.200	– 33.199	445.867	445.884
	5166.200	– 26.171	446.092	446.109
	5166.200	– 19.142	446.254	446.270
	5166.200	– 12.113	446.363	446.380
	5166.200	– 5.085	446.473	446.490
	5166.200	1.943	446.583	446.599
	5166.200	8.971	446.692	446.709
	5166.200	16.000	446.802	446.819

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
11.5	5176.800	– 40.440	445.454	445.482
	5176.800	– 33.385	445.710	445.739
	5176.800	– 26.330	445.967	445.996
	5176.800	– 19.274	446.146	446.175
	5176.800	– 12.219	446.256	446.285
	5176.800	– 5.164	446.366	446.395
	5176.800	1.890	446.477	446.505
	5176.800	8.945	446.587	446.615
	5176.800	16.000	446.697	446.725

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
12.0	5187.400	– 40.652	445.278	445.315
	5187.400	– 33.570	445.567	445.604
	5187.400	– 26.489	445.855	445.893
	5187.400	– 19.407	446.054	446.092
	5187.400	– 12.325	446.164	446.202
	5187.400	– 5.244	446.275	446.313
	5187.400	1.837	446.385	446.423
	5187.400	8.918	446.496	446.534
	5187.400	16.000	446.606	446.644

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
12.5	5198.000	– 40.864	445.114	445.156
	5198.000	– 33.756	445.436	445.477
	5198.000	– 26.648	445.757	445.799
	5198.000	– 19.539	445.976	446.017
	5198.000	– 12.431	446.087	446.128
	5198.000	– 5.323	446.198	446.239
	5198.000	1.784	446.309	446.350
	5198.000	8.892	446.420	446.461
	5198.000	16.000	446.530	446.572

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.0	5208.600	– 41.076	444.964	445.001
	5208.600	– 33.941	445.318	445.355
	5208.600	– 26.807	445.672	445.710
	5208.600	– 19.672	445.913	445.950
	5208.600	– 12.537	446.024	446.062
	5208.600	– 5.403	446.136	446.173
	5208.600	1.731	446.247	446.284
	5208.600	8.865	446.[illegible]	446.396
	5208.600	16.000	446.470	446.507

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.5	5219.200	– 41.288	444.827	444.854
	5219.200	– 34.127	445.214	445.241
	5219.200	– 26.966	445.601	445.628
	5219.200	– 19.804	445.865	445.893
	5219.200	– 12.643	445.977	446.004
	5219.200	– 5.482	446.088	446.116
	5219.200	1.678	446.200	446.228
	5219.200	8.839	446.312	446.339
	5219.200	16.000	446.423	446.451

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.0	5229.800	– 41.500	444.702	444.718
	5229.800	– 34.354	445.120	445.135
	5229.800	– 27.161	445.540	445.556
	5229.800	– 19.967	445.831	445.846
	5229.800	– 12.773	445.943	445.959
	5229.800	– 5.580	446.055	446.071
	5229.800	1.613	446.168	446.183
	5229.800	8.806	446.280	446.295
	5229.800	16.000	446.392	446.408

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.5	5240.400	– 41.712	444.591	444.596
	5240.400	– 34.639	445.035	445.040
	5240.400	– 27.405	445.490	445.495
	5240.400	– 20.171	445.811	445.816
	5240.400	– 12.936	445.924	445.929
	5240.400	– 5.702	446.037	446.042
	5240.400	1.531	446.150	446.155
	5240.400	8.766	446.263	446.268
	5240.400	16.000	446.375	446.381

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.0	5251.000	– 41.968	444.449	444.449
	5251.000	– 34.824	444.923	444.923
	5251.000	– 27.649	445.413	445.413
	5251.000	– 20.374	445.771	445.771
	5251.000	– 13.099	445.897	445.897
	5251.000	– 5.824	446.023	446.023
	5251.000	1.450	446.149	446.149
	5251.000	8.725	446.275	446.275
	5251.000	16.000	446.401	446.401

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.5	5261.600	– 42.320	444.265	444.269
	5261.600	– 35.209	444.778	444.782
	5261.600	– 27.893	445.305	445.309
	5261.600	– 20.577	445.690	445.694
	5261.600	– 13.262	445.849	445.853
	5261.600	– [illegible]46	446.008	446.012
	5261.600	1.369	446.167	446.171
	5261.600	8.684	446.326	446.330
	5261.600	16.000	446.485	446.489

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.0	5272.200	– 42.769	444.100	444.114
	5272.200	– 35.494	444.658	444.672
	5272.200	– 28.137	445.220	445.234
	5272.200	– 20.781	445.621	445.635
	5272.200	– 13.424	445.814	445.828
	5272.200	– 6.068	446.006	446.020
	5272.200	1.287	446.198	446.212
	5272.200	8.644	446.391	446.405
	5272.200	16.000	446.583	446.597

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.5	5282.800	– 43.314	443.953	443.978
	5282.800	– 36.014	444.541	444.566
	5282.800	– 28.583	445.139	445.164
	5282.800	– 21.153	445.561	445.586
	5282.800	– 13.722	445.788	445.813
	3282.800	– 6.291	446.015	446.040
	5282.800	1.139	446.242	446.267
	5282.800	8.569	446.469	446.494
	5282.800	16.000	446.696	446.721

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.0	5293.400	– 43.955	443.836	443.869
	5293.400	– 36.708	444.420	444.452
	5293.400	– 29.178	445.026	445.058
	5293.400	– 21.649	445.503	445.535
	5293.400	– 14.119	445.766	445.798
	5293.400	– 6.589	446.029	446.062
	5 93.400	.940	446.293	446.325
	5293.400	8.470	446.556	446.589
	5293.400	16.000	446.820	446.852

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.5	5304.000	– 44.694	443.735	443.768
	5304.000	– 37.403	444.321	444.354
	5304.000	– 29.774	444.935	444.968
	5304.000	– 22.145	445.440	445.473
	5304.000	– 14.515	445.741	445.774
	5304.000	– 6.886	446.042	446.075
	5304.000	.742	446.342	446.375
	5304.000	8.371	446.643	446.676
	5304.000	16.000	446.943	446.976

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.0	5314.600	– 45.530	443.648	443.674
	5314.600	– 38.097	444.245	444.271
	5314.600	– 30.369	444.866	444.892
	5314.600	– 22.640	445.374	445.400
	5314.600	– 14.912	445.713	445.738
	5314.600	– 7.184	446.051	446.077
	5314.600	.543	446.390	446.416
	5314.600	8.272	446.728	446.754
	5314.600	16.000	447.067	447.093

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.5	5323.925	– 46.345	443.584	443.598
	5323.925	– 38.708	444.197	444.211
	5323.925	– 30.892	444.824	444.838
	5323.925	– 23.077	445.310	445.324
	5323.925	– 15.261	445.685	445.699
	5323.925	– 7.446	446.057	446.071
	5323.925	.369	446.430	446.444
	5323.925	8.184	446.803	446.817
	5323.925	16.000	447.176	447.190

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
– 19.0	5332.666	– 47.178	443.535	443.535
	5332.666	– 39.280	444.168	444.168
	5332.666	– 31.383	444.800	444.800
	5332.666	– 23.486	445.242	445.242
	5332.666	– 15.588	445.656	445.656
	5332.666	– 7.691	446.061	446.061
	5332.666	.205	446.467	446.467
	5332.666	8.103	446.872	446.872
	5332.666	16.000	447.278	447.278

For Notes see Sh. No. 126

SIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A3 AND A4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 127 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	181
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
20.0	5335.334	– 16.000	445.630	445.630
	5335.334	– 8.000	446.050	446.050
	5335.334	– .000	446.470	446.470
	5335.334	8.000	446.889	446.889
	5335.334	16.000	447.309	447.309
20.5	5343.367	– 16.000	445.617	445.628
	5343.367	– 8.051	446.061	446.071
	5343.367	– .051	446.507	446.518
	5343.367	7.949	446.953	446.964
	5343.367	16.000	447.403	447.413
21.0	5351.400	– 16.000	445.603	445.622
	5351.400	– 8.101	446.071	446.090
	5351.400	– .101	446.544	446.563
	5351.400	7.899	447.017	447.036
	5351.400	16.000	447.497	447.515
21.5	5361.000	– 16.000	445.587	445.611
	5361.000	– 8.132	446.084	446.108
	5361.000	– .132	446.590	446.614
	5361.000	7.868	447.095	447.119
	5361.000	16.000	447.609	447.633
22.0	5370.600	– 16.000	445.571	445.595
	5370.600	– 8.117	446.101	446.124
	5370.600	– .117	446.638	446.661
	5370.600	7.882	447.175	447.199
	5370.600	16.000	447.721	447.744
22.5	5380.200	– 16.000	445.555	445.573
	5380.200	– 8.056	446.121	446.138
	5380.200	– .057	446.690	446.707
	5380.200	7.943	447.259	447.277
	5380.200	16.000	447.833	447.850
23.0	5389.800	– 15.000	445.539	445.548
	5389.800	– 8.042	446.138	446.147
	5389.800	– .042	446.739	446.748
	5389.800	7.958	447.340	447.349
	5389.800	16.000	447.945	447.954

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
23.5	5399.400	– 16.000	445.523	445.526
	5399.400	– 8.110	446.148	446.150
	5399.400	– .111	446.781	446.784
	5399.400	7.889	447.415	447.417
	5399.400	16.000	448.057	448.059
24.0	5409.000	– 16.000	445.558	445.558
	5409.000	– 8.133	446.187	446.187
	5409.000	– .134	446.827	446.827
	5409.000	7.866	447.467	447.467
	5409.000	16.000	448.118	448.118
24.5	5418.600	– 16.000	445.606	445.609
	5418.600	– 8.110	446.237	446.240
	5418.600	– .111	446.877	446.880
	5418.600	7.889	447.517	447.520
	5418.600	16.000	448.166	448.169
25.0	5428.200	– 16.000	445.654	445.665
	5428.200	– 8.042	446.291	446.301
	5428.200	– .042	446.931	446.941
	5428.200	7.958	447.571	447.581
	5428.200	16.000	448.214	448.225
25.5	5437.800	– 16.000	445.702	445.723
	5437.800	– 8.061	446.337	446.358
	5437.800	– .061	446.977	446.998
	5437.800	7.939	447.617	447.638
	5437.800	16.000	448.262	448.283
26.0	5447.400	– 16.000	445.750	445.778
	5447.400	– 8.129	446.380	446.408
	5447.400	– .130	447.020	447.048
	5447.400	7.870	447.660	447.688
	5447.400	16.000	448.310	448.338
26.5	5457.000	– 16.000	445.798	445.829
	5457.000	– 8.152	446.426	446.457
	5457.000	– .153	447.066	447.097
	5457.000	7.847	447.706	447.737
	5457.000	16.000	448.358	448.389

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
27.0	5466.600	– 16.000	445.846	445.874
	5466.600	– 8.129	446.476	446.504
	5466.600	– .130	447.116	447.144
	5466.600	7.870	447.756	447.784
	5466.600	16.000	448.406	448.434
27.5	5476.200	– 16.000	445.894	445.915
	5476.200	– 8.061	446.529	446.550
	5476.200	– .061	447.169	447.190
	5476.200	7.939	447.809	447.830
	5476.200	16.000	448.454	448.475
28.0	5485.800	– 16.000	445.942	445.953
	5485.800	– 8.042	446.579	446.589
	5485.800	– .042	447.219	447.229
	5485.800	7.958	447.859	447.869
	5485.800	16.000	448.502	448.513
28.5	5495.400	– 16.000	445.990	445.993
	5495.400	– 8.110	446.621	446.624
	5495.400	– .111	447.261	447.264
	5495.400	7.889	447.901	447.904
	5495.400	16.000	448.550	448.553
29.0	5505.000	– 16.000	446.038	446.038
	5505.000	– 8.133	446.667	446.667
	5505.000	– .134	447.307	447.307
	5505.000	7.866	447.947	447.947
	5505.000	16.000	448.598	448.598
29.5	5514.600	– 16.000	446.086	446.088
	5514.600	– 8.110	446.717	446.720
	5514.600	– .111	447.357	447.360
	5514.600	7.889	447.997	447.999
	5514.600	16.000	448.646	448.648
30.0	5524.200	– 16.000	446.134	446.143
	5524.200	– 8.042	446.771	446.780
	5524.200	– .042	447.411	447.420
	5524.200	7.958	448.051	448.060
	5524.200	16.000	448.694	448.703

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.5	5533.800	– 16.000	446.182	446.200
	5533.800	– 8.062	446.817	446.835
	5533.800	– .062	447.457	447.475
	5533.800	7.937	448.097	448.115
	5533.800	16.000	448.742	448.760
31.0	5543.400	– 16.000	446.230	446.254
	5543.400	– 8.132	446.859	446.883
	5543.400	– .133	447.499	447.523
	5543.400	7.866	448.139	448.163
	5543.400	16.000	448.790	448.814
31.5	5553.000	– 16.000	446.278	446.302
	5553.000	– 8.157	446.905	446.930
	5553.000	– .158	447.545	447.570
	5553.000	7.841	448.185	448.210
	5553.000	16.000	448.838	448.862
32.0	5562.600	– 16.000	446.326	446.345
	5562.600	– 8.137	446.955	446.974
	5562.600	– .137	447.595	447.614
	5562.600	7.862	448.235	448.254
	5562.600	16.000	448.886	448.905
32.5	5570.633	– 16.000	446.366	446.377
	5570.633	– 8.084	446.999	447.010
	5570.633	– .085	447.639	447.650
	5570.633	7.915	448.279	448.290
	5570.633	16.000	448.926	448.937
33.0	5578.655	– 16.000	446.406	446.406
	5578.660	– 8.000	447.046	447.046
	5578.666	– .000	447.686	447.686
	5578.671	8.000	448.326	448.326
	5578.676	16.000	448.966	448.966

Note: For Notes see Sheet No. 126

SIGNED BY R.M.R.
PLAN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A5 THRU A7
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 128 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	182
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
34.0	5581.345	- 16.000	446.420	446.420
	5581.340	- 8.000	447.060	447.060
	5581.334	- .000	447.700	447.700
	5581.329	8.000	448.340	448.340
	5581.324	16.000	448.980	448.980
34.5	5587.500	- 16.000	446.450	446.462
	5587.500	- 8.034	447.088	447.100
	5587.500	- .034	447.728	447.740
	5587.500	7.966	448.368	448.380
	5587.500	16.000	449.010	449.022
35.0	5593.667	- 16.000	446.481	446.504
	5593.667	- 8.049	447.117	447.140
	5593.667	- .049	447.757	447.780
	5593.667	7.951	448.397	448.420
	5593.667	16.000	449.041	449.064
35.5	5603.833	- 16.000	446.532	446.568
	5603.833	- 8.033	447.170	447.206
	5603.833	- .033	447.810	447.846
	5603.833	7.967	448.450	448.486
	5603.833	16.000	449.092	449.128
36.0	5614.000	- 16.000	445.583	446.626
	5614.000	- 8.038	447.220	447.263
	5614.000	- .038	447.860	447.903
	5614.000	7.961	448.500	448.543
	5614.000	16.000	449.143	449.186
36.5	5624.167	- 16.000	446.634	446.676
	5624.167	- 8.094	447.266	447.308
	5624.167	- .094	447.906	447.948
	5624.167	7.906	448.546	448.588
	5624.167	16.000	449.194	449.236
37.0	5634.333	- 16.000	446.685	446.720
	5634.333	- 8.098	447.317	447.352
	5634.333	- .098	447.957	447.992
	5634.333	7.901	448.597	448.632
	5634.333	16.000	449.245	449.279

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
37.5	5644.500	- 16.000	446.735	446.759
	5644.500	- 8.051	447.371	447.395
	5644.500	- .051	448.011	448.035
	5644.500	7.949	448.651	448.675
	5644.500	16.000	449.295	449.319
38.0	5654.667	- 16.000	446.786	446.797
	5654.667	- 8.047	447.426	447.433
	5654.667	- .047	448.063	448.073
	5654.667	7.952	448.703	448.713
	5654.667	16.000	449.346	449.357
38.5	5664.833	- 16.000	446.837	446.839
	5664.833	- 8.124	447.467	447.470
	5664.833	- .124	448.107	448.109
	5664.833	7.875	448.747	448.749
	5664.833	16.000	449.387	449.389
39.0	5675.000	- 16.000	446.888	446.888
	5675.000	- 8.149	447.516	447.516
	5675.000	- .150	448.156	448.156
	5675.000	7.849	448.796	448.796
	5675.000	16.000	449.448	449.448
39.5	5685.167	- 16.000	446.939	446.943
	5685.167	- 8.124	447.569	447.573
	5685.167	- .124	448.209	448.213
	5685.167	7.875	448.849	448.853
	5685.167	16.000	449.499	449.503
40.0	5695.333	- 16.000	446.990	447.005
	5695.333	- 8.047	447.626	447.641
	5695.333	- .047	448.266	448.281
	5695.333	7.952	448.906	448.921
	5695.333	16.000	449.550	449.565
40.5	5705.500	- 16.000	447.040	447.070
	5705.500	- 8.051	447.676	447.706
	5705.500	- .051	448.316	448.346
	5705.500	7.949	448.956	448.986
	5705.500	16.000	449.600	449.630
41.0	5715.667	- 16.000	447.091	447.135
	5715.667	- 8.098	447.724	447.767
	5715.667	- .098	448.363	448.407
	5715.667	7.901	449.003	449.047
	5715.667	16.000	449.651	449.695

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.5	5725.833	- 16.000	447.142	447.195
	5725.833	- 8.094	447.775	447.828
	5725.833	- .094	448.415	448.468
	5725.833	7.906	449.055	449.108
	5725.833	16.000	449.702	449.755
42.0	5736.000	- 16.000	447.193	447.250
	5736.000	- 8.038	447.830	447.887
	5736.000	- .038	448.470	448.527
	5736.000	7.961	449.110	449.166
	5736.000	16.000	449.753	449.810
42.5	5746.167	- 16.000	447.244	447.297
	5746.167	- 8.038	447.881	447.934
	5746.167	- .039	448.521	448.574
	5746.167	7.961	449.161	449.214
	5746.167	16.000	449.804	449.857
43.0	5756.333	- 16.000	447.295	447.338
	5756.333	- 8.064	447.930	447.973
	5756.333	- .064	448.570	448.613
	5756.333	7.936	449.210	449.253
	5756.333	16.000	449.855	449.898
43.5	5766.500	- 16.000	447.345	447.375
	5766.500	- 8.038	447.982	448.012
	5766.500	- .039	448.622	448.652
	5766.500	7.961	449.262	449.292
	5766.500	16.000	449.905	449.935
44.0	5776.667	- 16.000	447.396	447.416
	5776.667	- 8.047	448.033	448.048
	5776.667	- .047	448.673	448.688
	5776.667	7.952	449.313	449.328
	5776.667	16.000	449.956	449.972
44.5	5786.833	- 16.000	447.447	447.452
	5786.833	- 8.124	448.077	448.082
	5786.833	- .124	448.717	448.722
	5786.833	7.875	449.357	449.362
	5786.833	16.000	450.007	450.012
45.0	5797.000	- 16.000	447.498	447.498
	5797.000	- 8.149	448.126	448.126
	5797.000	- .150	448.766	448.766
	5797.000	7.849	449.406	449.406
	5797.000	16.000	450.058	450.058

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.5	5807.167	- 16.000	447.549	447.551
	5807.167	- 8.124	448.179	448.181
	5807.167	- .124	448.819	448.821
	5807.167	7.875	449.459	449.461
	5807.167	16.000	450.109	450.111
46.0	5817.333	- 16.000	447.600	447.611
	5817.333	- 8.047	448.236	448.247
	5817.333	- .047	448.876	448.887
	5817.333	7.952	449.516	449.527
	5817.333	16.000	450.160	450.171
46.5	5827.500	- 16.000	447.650	447.674
	5827.500	- 8.051	448.286	448.310
	5827.500	- .051	448.926	448.950
	5827.500	7.949	449.566	449.590
	5827.500	16.000	450.210	450.234
47.0	5837.667	- 16.000	447.701	447.736
	5837.667	- 8.098	448.334	448.368
	5837.667	- .098	448.973	449.008
	5837.667	7.901	449.613	449.648
	5837.667	16.000	450.261	450.296
47.5	5847.833	- 16.000	447.752	447.794
	5847.833	- 8.094	448.385	448.427
	5847.833	- .094	449.025	449.067
	5847.833	7.906	449.665	449.707
	5847.833	16.000	450.312	450.354
48.0	5858.000	- 16.000	447.803	447.846
	5858.000	- 8.038	448.440	448.483
	5858.000	- .038	449.080	449.123
	5858.000	7.961	449.720	449.763
	5858.000	16.000	450.363	450.406

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.5	5868.167	- 16.000	447.854	447.890
	5868.167	- 8.033	448.491	448.527
	5868.167	- .033	449.131	449.167
	5868.167	7.967	449.771	449.807
	5868.167	16.000	450.414	450.450
49.0	5878.333	- 16.000	447.905	447.927
	5878.333	- 8.049	448.541	448.563
	5878.333	- .049	449.181	449.203
	5878.333	7.951	449.821	449.843
	5878.333	16.000	450.465	450.487
49.5	5884.500	- 16.000	447.935	447.947
	5884.500	- 8.034	448.573	448.585
	5884.500	- .034	449.213	449.225
	5884.500	7.966	449.853	449.865
	5884.500	16.000	450.495	450.507
50.0	5890.655	- 16.000	447.966	447.986
	5890.660	- 8.000	448.606	448.606
	5890.666	- .000	449.246	449.246
	5890.671	8.000	449.886	449.886
	5890.676	16.000	450.526	450.526

Note: For Notes see Sheet No. 126

BY R.M.R.
BY A.J.C.
BY A.S.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS AB THRU AIO
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 129 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	183
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51	5893.344	– 16.021	447.978	447.978
	5893.338	– 8.017	448.618	448.618
	5893.333	– .015	449.258	449.258
	5893.328	7.987	449.899	449.899
	5893.323	15.989	450.539	450.539

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+10'	5903.423	– 16.222	448.012	448.082
	5903.377	– 8.184	448.655	448.704
	5903.332	– .182	449.295	449.344
	5903.287	7.820	449.935	449.384
	5903.243	15.821	450.575	450.643

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+20'	5913.504	– 16.372	448.051	448.177
	5913.418	– 8.301	448.696	448.786
	5913.332	– .300	449.336	449.425
	5913.248	7.702	449.975	450.065
	5913.164	15.703	450.615	450.740

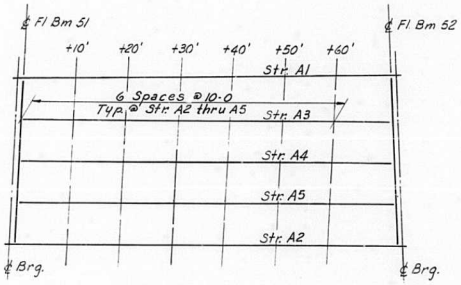
FL. BM. NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+30'	5923.586	– 16.472	448.093	448.255
	5923.459	– 8.369	448.741	448.858
	5923.334	– .368	449.380	449.498
	5923.210	7.633	450.020	450.137
	5923.087	15.634	450.659	450.819

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+40'	5933.670	– 16.522	448.140	448.310
	5933.501	– 8.386	448.790	448.912
	5933.336	– .386	449.429	449.551
	5933.172	7.615	450.068	450.190
	5933.010	15.615	450.707	450.879

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+50'	5943.753	– 16.522	448.190	448.343
	5943.542	– 8.354	448.842	448.952
	5943.338	– .354	449.481	449.591
	5943.134	7.645	450.120	450.231
	5942.933	15.644	450.759	450.914

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51+60'	5953.836	– 16.472	448.244	448.353
	5953.583	– 8.272	448.899	448.978
	5953.339	– .273	449.538	449.618
	5953.096	7.725	450.176	450.257
	5952.855	15.723	450.815	450.930

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52	5970.656	– 16.277	448.344	448.344
	5970.661	– 8.017	449.005	449.005
	5970.667	– .015	449.645	449.645
	5970.672	7.987	450.285	450.285
	5970.677	15.989	450.925	450.925



LOCATION PLAN
Span All

Note:
Stringers are identified in the Tables by their offset.

D BY R.M.R.
BY A.J.C.
D BY A.S.
ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPAN A11
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
130 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	184
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

EM).	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	5973.345	– 16.280	448.357	448.357
	5973.341	– 9.624	448.874	448.874
	5973.337	– 3.368	449.390	449.390
	5973.332	3.088	449.907	449.907
	5973.328	9.544	450.423	450.423
	5973.324	16.000	450.940	450.940

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.0	6027.667	– 16.678	448.527	448.636
	6027.667	– 10.253	449.111	449.150
	6027.667	– 3.715	449.634	449.673
	6027.667	2.822	450.157	450.196
	6027.667	9.360	450.680	450.719
	6027.667	16.000	451.211	451.250

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.0	6089.667	– 17.345	448.854	448.877
	6089.667	– 10.730	449.383	449.407
	6089.667	– 4.060	449.917	449.940
	6089.667	2.610	450.450	450.474
	6089.667	9.280	450.984	451.007
	6089.667	16.000	451.521	451.545

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.0	6151.667	– 18.238	449.092	449.149
	6151.667	– 11.462	449.634	449.691
	6151.667	– 4.613	450.182	450.239
	6151.667	2.235	450.730	450.787
	6151.667	9.084	451.278	451.335
	6151.667	16.000	451.831	451.888

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.0	6213.667	– 19.354	449.313	449.328
	6213.667	– 12.337	449.874	449.889
	6213.667	– 5.265	450.440	450.455
	6213.667	1.807	451.006	451.021
	6213.667	8.879	451.572	451.586
	6213.667	16.000	452.141	452.156

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.0	6275.667	– 20.693	449.516	449.540
	6275.667	– 13.412	450.098	450.123
	6275.667	– 6.072	450.686	450.710
	6275.667	1.267	451.273	451.297
	6275.667	8.607	451.860	451.885
	6275.667	16.000	452.451	452.476

EM 4	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	5979.833	– 16.318	448.387	448.399
	5979.833	– 9.895	448.901	448.913
	5979.833	– 3.430	449.418	449.430
	5979.833	3.034	449.935	449.947
	5979.833	9.498	450.452	450.465
	5979.833	16.000	450.972	450.985

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.5	6038.000	– 16.774	448.641	448.668
	6038.000	– 10.276	449.161	449.188
	6038.000	– 3.721	449.685	449.712
	6038.000	2.835	450.210	450.237
	6038.000	9.391	450.734	450.761
	6038.000	16.000	451.263	451.290

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.5	6100.000	– 17.479	448.895	448.936
	6100.000	– 10.840	449.426	449.467
	6100.000	– 4.143	449.962	450.003
	6100.000	2.553	450.497	450.539
	6100.000	9.250	451.033	451.074
	6100.000	16.000	451.573	451.614

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.5	6162.000	– 18.408	449.130	449.171
	6162.000	– 11.570	449.677	449.718
	6162.000	– 4.687	450.228	450.268
	6162.000	2.195	450.779	450.819
	6162.000	9.077	451.329	451.369
	6162.000	16.000	451.883	451.923

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.5	6224.000	– 19.562	449.348	449.376
	6224.000	– 12.507	449.912	449.941
	6224.000	– 5.393	450.482	450.510
	6224.000	1.720	451.051	451.079
	6224.000	8.833	451.620	451.648
	6224.000	16.000	452.193	452.221

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.5	6282.167	– 20.847	449.536	449.549
	6282.167	– 13.517	450.122	450.135
	6282.167	– 6.147	450.712	450.725
	6282.167	1.223	451.302	451.315
	6282.167	8.593	451.891	451.904
	6282.167	16.000	452.484	452.497

EM .	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
.0	5986.333	– 16.359	448.416	448.440
	5986.333	– 9.945	448.929	448.953
	5986.333	– 3.472	449.447	449.471
	5986.333	3.001	449.965	449.989
	5986.333	9.474	450.483	450.507
	5986.333	16.000	451.005	451.029

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.0	6048.333	– 16.876	448.685	448.698
	6048.333	– 10.354	449.206	449.220
	6048.333	– 3.778	449.732	449.746
	6048.333	2.798	450.259	450.272
	6048.333	9.374	450.785	450.798
	6048.333	16.000	451.315	451.328

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.0	6110.333	– 17.618	448.935	448.993
	6110.333	– 11.005	449.464	449.522
	6110.333	– 4.279	450.002	450.060
	6110.333	2.447	450.540	450.598
	6110.333	9.172	451.078	451.136
	6110.333	16.000	451.625	451.682

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
63.0	6172.333	– 18.585	449.168	449.190
	6172.333	– 11.722	449.717	449.740
	6172.333	– 4.804	450.270	450.293
	6172.333	2.114	450.824	450.846
	6172.333	9.032	451.377	451.400
	6172.333	16.000	451.935	451.957

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.0	6234.333	– 19.776	449.383	449.423
	6234.333	– 12.731	449.946	449.986
	6234.333	– 5.574	450.519	450.559
	6234.333	1.583	451.091	451.131
	6234.333	8.741	451.664	451.704
	6234.333	16.000	452.245	452.285

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
69.0	6288.652	– 21.002	449.556	449.556
	6288.657	– 13.602	450.148	450.148
	6288.662	– 6.201	450.740	450.740
	6288.666	1.199	451.332	451.332
	6288.671	8.600	451.924	451.924
	6288.676	16.000	452.516	452.516

EM .	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
.5	5996.667	– 16.429	448.462	448.500
	5996.667	– 9.981	448.978	449.016
	5996.667	– 3.495	449.497	449.535
	5996.667	2.992	450.016	450.054
	5996.667	9.478	450.535	450.573
	5996.667	16.000	451.056	451.095

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.5	6058.667	– 16.984	448.728	448.731
	6058.667	– 10.527	449.244	449.248
	6058.667	– 3.928	449.772	449.776
	6058.667	2.672	450.300	450.304
	6058.667	9.271	450.828	450.832
	6058.667	16.000	451.366	451.370

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.5	6120.667	– 17.764	448.975	449.044
	6120.667	– 11.117	449.507	449.575
	6120.667	– 4.362	450.047	450.116
	6120.667	2.393	450.568	450.656
	6120.667	9.147	451.128	451.196
	6120.667	16.000	451.676	451.745

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
63.5	6182.667	– 18.768	449.205	449.213
	6182.667	– 11.954	449.750	449.758
	6182.667	– 4.998	450.306	450.315
	6182.667	1.958	450.863	450.871
	6182.667	8.914	451.419	451.428
	6182.667	16.000	451.986	451.994

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.5	6244.667	– 19.996	449.417	449.463
	6244.667	– 12.902	449.984	450.031
	6244.667	– 5.701	450.560	450.607
	6244.667	1.500	451.136	451.183
	6244.667	8.701	451.712	451.759
	6244.667	16.000	452.296	452.343

EM	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
.0	6007.000	– 16.506	448.508	448.553
	6007.000	– 10.048	449.024	449.070
	6007.000	– 3.546	449.544	449.590
	6007.000	2.956	450.064	450.110
	6007.000	9.458	450.585	450.630
	6007.000	16.000	451.108	451.154

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.0	6069.000	– 17.098	448.770	448.770
	6069.000	– 10.647	449.286	449.286
	6069.000	– 4.025	449.816	449.816
	6069.000	2.598	450.346	450.346
	6069.000	9.221	450.876	450.876
	6069.000	16.000	451.418	451.418

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.0	6131.000	– 17.915	449.015	449.087
	6131.000	– 11.176	449.554	449.626
	6131.000	– 4.392	450.097	450.169
	6131.000	2.392	450.639	450.711
	6131.000	9.176	451.182	451.254
	6131.000	16.000	451.728	451.800

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.0	6193.000	– 18.957	449.241	449.241
	6193.000	– 12.135	449.787	449.787
	6193.000	– 5.140	450.347	450.347
	6193.000	1.855	450.906	450.906
	6193.000	8.849	451.466	451.466
	6193.000	16.000	452.038	452.038

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.0	6255.000	– 20.222	449.450	449.497
	6255.000	– 13.021	450.026	450.073
	6255.000	– 5.776	450.606	450.653
	6255.000	1.469	451.186	451.232
	6255.000	8.715	451.765	451.812
	6255.000	16.000	452.348	452.395

M	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5	6017.333	– 16.589	448.553	448.598
	6017.333	– 10.177	449.066	449.111
	6017.333	– 3.657	449.587	449.632
	6017.333	2.863	450.109	450.154
	6017.333	9.382	450.630	450.676
	6017.333	16.000	451.160	451.205

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.5	6079.333	– 17.219	448.812	448.821
	6079.333	– 10.715	449.332	449.341
	6079.333	– 4.069	449.864	449.873
	6079.333	2.578	450.396	450.405
	6079.333	9.224	450.928	450.936
	6079.333	16.000	451.470	451.478

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.5	6141.333	– 18.074	449.054	449.122
	6141.333	– 11.302	449.596	449.663
	6141.333	– 4.487	450.141	450.209
	6141.333	2.329	450.686	450.754
	6141.333	9.144	451.231	451.299
	6141.333	16.000	451.780	451.847

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.5	6203.333	– 19.153	449.277	449.282
	6203.333	– 12.262	449.829	449.833
	6203.333	– 5.229	450.391	450.395
	6203.333	1.804	450.954	450.958
	6203.333	8.837	451.517	451.521
	6203.333	16.000	452.090	452.094

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.5	6265.333	– 20.455	449.483	449.523
	6265.333	– 13.202	450.064	450.103
	6265.333	– 5.910	450.647	450.686
	6265.333	1.382	451.230	451.270
	6265.333	8.673	451.814	451.853
	6265.333	16.000	452.400	452.439

BY R.M.R.
A.J.C.
Y A.S.
BY K.A.

Note: For Notes see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A12 THRU A14
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
131 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	185
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.0	6291.348	- 21.067	449.564	449.564
	6291.344	- 14.889	450.059	450.059
	6291.340	- 8.712	450.553	450.553
	6291.336	- 2.534	451.047	451.047
	6291.332	3.644	451.541	451.541
	6291.328	9.822	452.035	452.035
	6291.324	16.000	452.530	452.530

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.5	6297.833	- 21.226	449.584	449.594
	6297.833	- 15.062	450.077	450.088
	6297.833	- 8.857	450.574	450.584
	6297.833	- 2.652	451.070	451.080
	6297.833	3.553	451.566	451.577
	6297.833	9.758	452.063	452.073
	6297.833	16.000	452.562	452.573

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.0	6304.333	- 21.388	449.604	449.623
	6304.333	- 15.214	450.098	450.117
	6304.333	- 8.982	450.596	450.616
	6304.333	- 2.750	451.095	451.114
	6304.333	3.483	451.593	451.613
	6304.333	9.715	452.092	452.111
	6304.333	16.000	452.595	452.614

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.5	6314.667	- 21.649	449.634	449.666
	6314.667	- 15.412	450.133	450.165
	6314.667	- 9.137	450.635	450.667
	6314.667	- 2.861	451.137	451.169
	6314.667	3.414	451.639	451.671
	6314.667	9.690	452.141	452.173
	6314.667	16.000	452.646	452.678

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
72.0	6325.000	- 21.917	449.665	449.702
	6325.000	- 15.641	450.167	450.204
	6325.000	9.320	450.672	450.709
	6325.000	- 3.001	451.178	451.215
	6325.000	3.320	451.684	451.721
	6325.000	9.640	452.189	452.226
	6325.000	16.000	452.698	452.735

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
72.5	6335.333	- 22.191	449.694	449.731
	6335.333	- 15.931	450.195	450.232
	6335.333	- 9.565	450.704	450.741
	6335.333	- 3.198	451.214	451.250
	6335.333	3.169	451.723	451.760
	6335.333	9.535	452.233	452.269
	6335.333	16.000	452.750	452.786

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
73.0	6345.667	- 22.471	449.724	449.754
	6345.667	- 16.169	450.228	450.258
	6345.667	- 9.756	450.741	450.772
	6345.667	- 3.343	451.254	451.285
	6345.667	3.071	451.767	451.798
	6345.667	9.484	452.280	452.311
	6345.667	16.000	452.801	452.832

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
73.5	6356.000	- 22.757	449.752	449.773
	6356.000	- 16.355	450.265	450.286
	6356.000	- 9.894	450.781	450.802
	6356.000	- 3.434	451.298	451.319
	6356.000	3.026	451.815	451.836
	6356.000	9.487	452.332	452.353
	6356.000	16.000	452.853	452.874

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
74.0	6366.333	- 23.049	449.781	449.791
	6366.333	- 16.594	450.297	450.307
	6366.333	- 10.085	450.818	450.828
	6366.333	- 3.576	451.339	451.349
	6366.333	2.933	451.859	451.870
	6366.333	9.441	452.380	452.390
	6366.333	16.000	452.905	452.915

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
74.5	6376.667	- 23.347	449.809	449.811
	6376.667	- 16.929	450.322	450.324
	6376.667	- 10.369	450.847	450.849
	6376.667	- 3.810	451.372	451.374
	6376.667	2.750	451.896	451.899
	6376.667	9.310	452.421	452.424
	6376.667	16.000	452.956	452.959

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
75.0	6387.000	- 23.652	449.836	449.836
	6387.000	- 17.212	450.351	450.351
	6387.000	- 10.601	450.886	450.880
	6387.000	- 3.990	451.409	451.409
	6387.000	2.622	451.938	451.938
	6387.000	9.233	452.467	452.467
	6387.000	16.000	453.008	453.008

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
75.5	6397.333	- 23.962	449.863	449.869
	6397.333	- 17.442	450.384	450.391
	6397.333	- 10.779	450.917	450.924
	6397.333	- 4.117	451.450	451.457
	6397.333	2.546	451.983	451.990
	6397.333	9.208	452.516	452.523
	6397.333	16.000	453.060	453.066

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
76.0	6407.667	- 24.278	449.889	449.907
	6407.667	- 17.619	450.422	450.440
	6407.667	- 10.905	450.959	450.977
	6407.667	- 4.191	451.496	451.514
	6407.667	2.523	452.033	452.051
	6407.667	9.237	452.570	452.588
	6407.667	16.000	453.111	453.129

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
76.5	6418.000	- 24.601	449.915	449.947
	6418.000	- 17.891	450.452	450.483
	6418.000	- 11.124	450.993	451.025
	6418.000	- 4.356	451.535	451.566
	6418.000	2.412	452.076	452.108
	6418.000	9.179	452.617	452.649
	6418.000	16.000	453.163	453.195

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
77.0	6428.333	- 24.929	449.940	449.985
	6428.333	- 18.218	450.477	450.521
	6428.333	- 11.395	451.023	451.067
	6428.333	- 4.571	451.569	451.613
	6428.333	2.252	452.115	452.159
	6428.333	9.075	452.661	452.705
	6428.333	16.000	453.215	453.259

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
77.5	6438.667	- 25.263	449.965	450.018
	6438.667	- 18.492	450.507	450.560
	6438.667	- 11.613	451.057	451.110
	6438.667	- 4.734	451.608	451.660
	6438.667	2.145	452.158	452.211
	6438.667	9.023	452.708	452.761
	6438.667	16.000	453.266	453.319

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
78.0	6449.000	- 25.604	449.990	450.045
	6449.000	- 18.713	450.541	450.597
	6449.000	- 11.778	451.096	451.151
	6449.000	- 4.844	451.650	451.706
	6449.000	2.091	452.205	452.261
	6449.000	9.025	452.760	452.816
	6449.000	16.000	453.318	453.374

Note: For Notes see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A15 AND A16
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 132 OF 526

R.M.R.
A.U.C.
A.S.
K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	268	186
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
78.5	6459.333	- 25.950	450.014	450.066
	6459.333	- 19.002	450.570	450.622
	6459.333	- 12.009	451.129	451.181
	6459.333	- 5.017	451.688	451.740
	6459.333	1.975	452.248	452.300
	6459.333	8.968	452.807	452.859
	6459.333	16.000	453.370	453.422

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
79.0	6469.667	- 26.302	450.037	450.089
	6469.667	- 19.324	450.595	450.639
	6469.667	- 12.272	451.160	451.203
	6469.667	- 5.221	451.724	451.767
	6469.667	1.830	452.288	452.331
	6469.667	8.882	452.852	452.895
	6469.667	16.000	453.421	453.464

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
79.5	6480.000	- 26.661	450.060	450.090
	6480.000	- 19.594	450.626	450.656
	6480.000	- 12.483	451.194	451.225
	6480.000	- 5.372	451.763	451.793
	6480.000	1.739	452.332	452.362
	6480.000	8.849	452.901	452.931
	6480.000	16.000	453.473	453.503

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
80.0	6490.333	- 27.025	450.083	450.099
	6490.333	- 19.907	450.652	450.668
	6490.333	- 12.736	451.226	451.242
	6490.333	- 5.564	451.800	451.816
	6490.333	1.607	452.373	452.390
	6490.333	8.779	452.947	452.963
	6490.333	16.000	453.525	453.541

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
80.5	6500.667	- 27.395	450.105	450.110
	6500.667	- 20.302	450.672	450.678
	6500.667	- 13.067	451.251	451.256
	6500.667	- 5.833	451.830	451.835
	6500.667	1.402	452.408	452.414
	6500.667	8.636	452.987	452.993
	6500.667	16.000	453.576	453.582

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
81.0	6511.000	- 27.771	450.126	450.126
	6511.000	- 20.644	450.696	450.696
	6511.000	- 13.346	451.280	451.280
	6511.000	- 6.049	451.864	451.864
	6511.000	1.249	452.448	452.448
	6511.000	8.546	453.032	453.032
	6511.000	16.000	453.628	453.628

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
81.5	6521.333	- 28.153	450.147	450.151
	6521.333	- 20.933	450.725	450.728
	6521.333	- 13.573	451.314	451.317
	6521.333	- 6.212	451.903	451.906
	6521.333	1.149	452.492	452.495
	6521.333	8.510	453.080	453.084
	6521.333	16.000	453.680	453.683

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
82.0	6531.667	- 28.540	450.168	450.180
	6531.667	- 21.170	450.758	450.770
	6531.667	- 13.746	451.352	451.364
	6531.667	- 6.322	451.946	451.958
	6531.667	1.102	452.540	452.552
	6531.667	8.526	453.133	453.146
	6531.667	16.000	453.731	453.743

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
82.5	6542.000	- 28.934	450.188	450.212
	6542.000	- 21.502	450.783	450.807
	6542.000	- 14.012	451.382	451.406
	6542.000	- 6.522	451.981	452.005
	6542.000	.967	452.580	452.604
	6542.000	8.457	453.180	453.203
	6542.000	16.000	453.783	453.807

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
83.0	6552.333	- 29.334	450.208	450.242
	6552.333	- 21.888	450.804	450.838
	6552.333	- 14.331	451.408	451.442
	6552.333	- 6.773	452.013	452.047
	6552.333	.784	452.617	452.651
	6552.333	8.341	453.222	453.256
	6552.333	16.000	453.835	453.869

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
83.5	6562.667	- 29.739	450.227	450.267
	6562.667	- 22.221	450.829	450.869
	6562.667	- 14.596	451.439	451.479
	6562.667	- 6.972	452.049	452.089
	6562.667	.653	452.659	452.699
	6562.667	8.278	453.269	453.309
	6562.667	16.000	453.886	453.926

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
84.0	6573.000	- 30.150	450.246	450.286
	6573.000	- 22.501	450.858	450.898
	6573.000	- 14.809	451.473	451.514
	6573.000	- 7.117	452.089	452.129
	6573.000	.575	452.704	452.744
	6573.000	8.268	453.319	453.360
	6573.000	16.000	453.938	453.978

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
84.5	6583.333	- 30.567	450.264	450.298
	6583.333	- 22.843	450.882	450.916
	6583.333	- 15.082	451.503	451.537
	6583.333	- 7.320	452.124	452.158
	6583.333	.442	452.745	452.779
	6583.333	8.203	453.366	453.400
	6583.333	16.000	453.990	454.024

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
85.0	6593.667	- 30.990	450.288	450.328
	6593.667	- 23.215	450.904	450.925
	6593.667	- 15.383	451.531	451.552
	6593.667	- 7.550	452.157	452.179
	6593.667	.282	452.784	452.805
	6593.667	8.115	453.410	453.432
	6593.667	16.000	454.041	454.063

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
85.5	6600.167	- 31.259	450.293	450.304
	6600.167	- 23.422	450.920	450.931
	6600.167	- 15.545	451.550	451.561
	6600.167	- 7.668	452.180	452.192
	6600.167	.209	452.811	452.822
	6600.167	8.086	453.441	453.452
	6600.167	16.000	454.074	454.085

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
86.0	6606.644	- 31.529	450.304	450.304
	6606.650	- 23.608	450.938	450.938
	6606.655	- 15.686	451.571	451.571
	6606.661	- 7.765	452.205	452.205
	6606.666	.157	452.839	452.839
	6606.671	8.078	453.473	453.473
	6606.676	16.000	454.106	454.106

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

Note: For Notes see Sh No 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A16 AND A17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 133 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	187
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
87.0	6609.356	- 31.643	450.308	450.308
	6609.352	- 25.687	450.785	450.785
	6609.347	- 19.732	451.261	451.261
	6609.343	- 13.777	451.738	451.738
	6609.339	- 7.821	452.214	452.214
	6609.336	- 1.866	452.690	452.690
	6609.332	4.089	453.167	453.167
	6609.328	10.045	453.643	453.643
	6609.324	16.000	454.120	454.120

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
87.5	6615.167	- 31.888	450.318	450.326
	6615.167	- 25.935	450.794	450.803
	6615.167	- 19.949	451.273	451.281
	6615.167	- 13.962	451.752	451.760
	6615.167	- 7.976	452.231	452.239
	6615.167	- 1.990	452.710	452.718
	6615.167	3.997	453.189	453.197
	6615.167	9.983	453.667	453.676
	6615.167	16.000	454.149	454.157

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
88.0	6621.000	- 32.136	450.327	450.343
	6621.000	- 26.166	450.805	450.821
	6621.000	- 20.149	451.286	451.302
	6621.000	- 14.131	451.767	451.784
	6621.000	- 8.114	452.249	452.265
	6621.000	- 2.096	452.730	452.746
	6621.000	3.921	453.212	453.228
	6621.000	9.939	453.693	453.709
	6621.000	16.000	454.178	454.194

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
88.5	6630.500	- 32.544	450.342	450.368
	6630.500	- 26.507	450.825	450.851
	6630.500	- 20.439	451.310	451.336
	6630.500	- 14.371	451.796	451.822
	6630.500	- 8.302	452.281	452.307
	6630.500	- 2.234	452.767	452.793
	6630.500	3.834	453.252	453.278
	6630.500	9.903	453.738	453.764
	6630.500	16.000	454.225	454.252

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
89.0	6640.000	- 32.957	450.356	450.387
	6640.000	- 26.874	450.843	450.874
	6640.000	- 20.754	451.333	451.364
	6640.0	- 14.634	451.822	451.853
	6640.000	- 8.514	452.312	452.343
	6640.000	- 2.394	452.801	452.832
	6640.000	3.726	453.291	453.322
	6640.000	9.846	453.781	453.812
	6640.000	16.000	454.273	454.304

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
89.5	6649.500	- 33.374	450.371	450.401
	6649.500	- 27.291	450.857	450.888
	6649.500	- 21.119	451.351	451.382
	6649.500	- 14.946	451.845	451.875
	6649.500	- 8.773	452.339	452.369
	6649.500	- 2.601	452.832	452.863
	6649.500	3.572	453.326	453.357
	6649.500	9.745	453.820	453.851
	6649.500	16.000	454.320	454.351

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
90.0	6659.000	- 33.796	450.384	450.410
	6659.000	- 27.665	450.875	450.901
	6659.000	- 21.439	451.373	451.399
	6659.000	- 15.214	451.871	451.897
	6659.000	- 8.988	452.369	452.395
	6659.000	- 2.763	452.867	452.893
	6659.000	3.463	453.365	453.391
	6659.000	9.688	453.863	453.889
	6659.000	16.000	454.368	454.394

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
90.5	6668.500	- 34.223	450.398	450.415
	6668.500	- 27.994	450.896	450.914
	6668.500	- 21.715	451.398	451.416
	6668.500	- 15.437	451.901	451.918
	6668.500	- 9.158	452.403	452.420
	6668.500	- 2.880	452.905	452.923
	6668.500	3.399	453.407	453.425
	6668.500	9.677	453.910	453.927
	6668.500	16.000	454.415	454.433

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
91.0	6678.000	- 34.655	450.411	450.419
	6678.000	- 28.369	450.914	450.922
	6678.000	- 22.036	451.420	451.429
	6678.000	- 15.704	451.927	451.935
	6678.000	- 9.371	452.433	452.442
	6678.000	- 3.039	452.940	452.949
	6678.000	3.293	453.446	453.455
	6678.000	9.626	453.953	453.962
	6678.000	16.000	454.463	454.472

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
91.5	6687.500	- 35.092	450.423	450.425
	6687.500	- 28.823	450.925	450.927
	6687.500	- 22.436	451.436	451.438
	6687.500	- 16.048	451.947	451.949
	6687.500	- 9.660	452.458	452.460
	6687.500	- 3.273	452.969	452.971
	6687.500	3.115	453.480	453.482
	6687.500	9.503	453.991	453.993
	6687.500	16.000	454.510	454.513

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
92.0	6697.000	- 35.533	450.435	450.435
	6697.000	- 29.234	450.939	450.939
	6697.000	- 22.791	451.455	451.455
	6697.000	- 16.348	451.970	451.970
	6697.000	- 9.904	452.486	452.486
	6697.000	- 3.461	453.001	453.001
	6697.000	2.982	453.517	453.517
	6697.000	9.425	454.032	454.032
	6697.000	16.000	454.558	454.558

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
92.5	6706.500	- 35.980	450.450	450.454
	6706.500	- 29.600	450.960	450.965
	6706.500	- 23.101	451.480	451.485
	6706.500	- 16.603	452.000	452.004
	6706.500	- 10.104	452.520	452.524
	6706.500	- 3.605	453.040	453.044
	6706.500	2.893	453.560	453.564
	6706.500	9.392	454.079	454.084
	6706.500	16.000	454.608	454.613

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
93.0	6716.000	- 36.431	450.475	450.488
	6716.000	- 29.922	450.995	451.009
	6716.000	- 23.368	451.520	451.534
	6716.000	- 16.813	452.044	452.058
	6716.000	- 10.259	452.568	452.582
	6716.000	- 3.705	453.093	453.107
	6716.000	2.849	453.617	453.631
	6716.000	9.404	454.141	454.155
	6716.000	16.000	454.669	454.683

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
93.5	6725.500	- 36.886	450.510	450.536
	6725.500	- 30.324	451.035	451.061
	6725.500	- 23.712	451.564	451.590
	6725.500	- 17.101	452.093	452.119
	6725.500	- 10.490	452.622	452.648
	6725.500	- 3.878	453.151	453.176
	6725.500	2.733	453.680	453.705
	6725.500	9.344	454.209	454.234
	6725.500	16.000	454.741	454.767

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
94.0	6735.000	- 37.347	450.557	450.593
	6735.000	- 30.771	451.083	451.119
	6735.000	- 24.102	451.616	451.653
	6735.000	- 17.432	452.150	452.186
	6735.000	- 10.763	452.684	452.720
	6735.000	- 4.094	453.217	453.253
	6735.000	2.575	453.751	453.787
	6735.000	9.245	454.284	454.320
	6735.000	16.000	454.825	454.861

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
94.5	6744.500	- 37.812	450.614	450.658
	6744.500	- 31.174	451.145	451.189
	6744.500	- 24.447	451.684	451.727
	6744.500	- 17.719	452.222	452.265
	6744.500	- 10.992	452.760	452.803
	6744.500	- 4.265	453.298	453.341
	6744.500	2.463	453.836	453.879
	6744.500	9.190	454.374	454.418
	6744.500	16.000	454.919	454.962

Note : For Notes see Sh. No. 126

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A18 AND A19
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO ILLINOIS

SHEET 134 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	188
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
95.0	6754.000	- 38.282	450.683	450.728
	6754.000	- 31.533	451.223	451.268
	6754.000	- 24.747	451.765	451.811
	6754.000	- 17.962	452.308	452.354
	6754.000	- 11.176	452.851	452.896
	6754.000	- 4.391	453.394	453.439
	6754.000	2.395	453.937	453.982
	6754.000	9.180	454.480	454.525
	6754.000	16.000	455.025	455.071

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
95.5	6763.500	- 38.756	450.762	450.804
	6763.500	- 31.948	451.307	451.349
	6763.500	- 25.103	451.854	451.896
	6763.500	- 18.258	452.402	452.444
	6763.500	- 11.413	452.949	452.991
	6763.500	- 4.568	453.497	453.539
	6763.500	2.277	454.045	454.087
	6763.500	9.121	454.592	454.634
	6763.500	16.000	455.143	455.185

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
96.0	6773.000	- 39.236	450.852	450.886
	6773.000	- 32.391	451.400	451.434
	6773.000	- 25.486	451.952	451.986
	6773.000	- 18.581	452.505	452.539
	6773.000	- 11.676	453.057	453.091
	6773.000	- 4.771	453.609	453.643
	6773.000	2.134	454.162	454.196
	6773.000	9.039	454.714	454.748
	6773.000	16.000	455.271	455.305

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
96.5	6782.500	- 39.719	451.045	451.068
	6782.500	- 32.791	451.596	451.619
	6782.500	- 25.825	452.151	452.174
	6782.500	- 18.860	452.692	452.714
	6782.500	- 11.895	453.223	453.246
	6782.500	- 4.929	453.755	453.778
	6782.500	2.036	454.286	454.309
	6782.500	9.001	454.818	454.841
	6782.500	16.000	455.352	455.375

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
97.0	6792.000	- 40.208	451.255	451.267
	6792.000	- 33.227	451.808	451.819
	6792.000	- 26.220	452.364	452.376
	6792.000	- 19.174	452.895	452.906
	6792.000	- 12.147	453.403	453.414
	6792.000	- 5.121	453.911	453.923
	6792.000	1.905	454.420	454.431
	6792.000	8.932	454.928	454.940
	6792.000	16.000	455.440	455.451

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
97.5	6801.500	- 40.701	451.477	451.480
	6801.500	- 33.730	452.026	452.029
	6801.500	- 26.641	452.584	452.587
	6801.500	- 19.553	453.107	453.110
	6801.500	- 12.464	453.592	453.595
	6801.500	- 5.375	454.077	454.080
	6801.500	1.713	[illegible]	454.564
	6801.500	8.802	455.046	455.049
	6801.500	16.000	455.539	455.542

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
98.0	6811.000	- 41.199	451.710	451.710
	6811.000	- 34.189	452.259	452.259
	6811.000	- 27.038	452.819	452.819
	6811.000	- 19.887	453.336	453.336
	6811.000	- 12.736	453.797	453.797
	6811.000	- 5.585	454.258	454.258
	6811.000	1.566	454.719	454.719
	6811.000	8.717	455.180	455.180
	6811.000	16.000	455.649	455.649

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
98.5	6820.500	- 41.701	451.955	451.959
	6820.500	- 34.604	452.508	452.512
	6820.500	- 27.390	453.070	453.073
	6820.500	- 20.177	453.582	453.586
	6820.500	- 12.963	454.019	454.023
	6820.500	- 5.750	454.455	454.459
	6820.500	1.463	454.892	454.895
	6820.500	8.677	455.328	455.332
	6820.500	16.000	455.771	455.775

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
99.0	6830.000	- 42.207	452.217	452.228
	6830.000	- 34.975	452.766	452.778
	6830.000	- 27.699	453.320	453.331
	6830.000	- 20.422	453.845	453.857
	6830.000	- 13.146	454.256	454.268
	6830.000	- 5.870	454.667	454.679
	6830.000	1.406	455.079	455.091
	6830.000	8.682	455.490	455.502
	6830.000	16.000	455.904	455.916

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
99.5	6839.500	- 42.715	452.472	452.493
	6839.500	- 35.414	453.027	453.048
	6839.500	- 28.070	453.585	453.606
	6839.500	- 20.726	454.113	454.135
	6839.500	- 13.382	454.501	454.523
	6839.500	- 6.037	454.888	454.910
	6839.500	1.307	455.276	455.298
	6839.500	8.652	455.663	455.685
	6839.500	16.000	456.051	456.073

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
100.0	6849.000	- 43.261	452.732	452.762
	6849.000	- 35.928	453.288	453.318
	6849.000	- 28.510	453.850	453.881
	6849.000	- 21.092	454.371	454.402
	6849.000	- 13.675	454.742	454.773
	6849.000	- 6.257	455.113	455.144
	6849.000	1.161	455.484	455.514
	6849.000	8.580	455.854	455.885
	6849.000	16.000	456.225	456.256

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
100.5	6858.500	- 43.852	452.991	453.027
	6858.500	- 36.441	453.552	453.588
	6858.500	- 28.950	454.119	454.155
	6858.500	- 21.459	454.643	454.678
	6858.500	- 13.967	454.996	455.032
	6858.500	- 6.476	455.350	455.386
	6858.500	1.016	455.704	455.739
	6858.500	8.507	456.057	456.093
	6858.500	16.000	456.411	456.447

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
101.0	6868.000	- 44.486	453.251	453.287
	6868.000	- 36.954	453.820	453.856
	6868.000	- 29.389	454.392	454.427
	6868.000	- 21.825	454.927	454.963
	6868.000	- 14.260	455.263	455.299
	6868.000	- 6.695	455.600	455.635
	6868.000	.870	455.936	455.971
	6868.000	8.435	456.272	456.307
	6868.000	16.000	456.608	456.643

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
101.5	6877.500	- 45.164	453.511	453.541
	6877.500	- 37.544	454.086	454.116
	6877.500	- 29.895	454.663	454.692
	6877.500	- 22.246	455.223	455.253
	6877.500	- 14.596	455.542	455.571
	6877.500	- 6.947	455.860	455.890
	6877.500	.702	456.179	456.209
	6877.500	8.351	456.498	456.527
	6877.500	16.000	456.816	456.846

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
102.0	6887.000	- 45.887	453.771	453.790
	6887.000	- 38.189	454.350	454.369
	6887.000	- 30.447	454.933	454.951
	6887.000	- 22.706	455.531	455.549
	6887.000	- 14.965	455.832	455.850
	6887.000	- 7.224	456.133	456.151
	6887.000	.518	456.434	456.452
	6887.000	8.259	456.735	456.753
	6887.000	16.000	457.036	457.054

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
102.5	6892.833	- 46.352	453.931	453.941
	6892.833	- 38.585	454.515	454.524
	6892.833	- 30.787	455.101	455.111
	6892.833	- 22.989	455.726	455.736
	6892.833	- 15.191	456.016	456.026
	6892.833	- 7.393	456.306	456.316
	6892.833	.404	456.596	456.606
	6892.833	8.202	456.886	456.896
	6892.833	16.000	457.176	457.187

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
103.0	6898.666	- 46.835	454.091	454.091
	6898.666	- 38.981	454.680	454.680
	6898.666	- 31.126	455.270	455.270
	6898.666	- 23.272	455.916	455.916
	6898.666	- 15.417	456.206	456.206
	6898.666	- 7.563	456.485	456.485
	6898.666	.291	456.763	456.763
	6898.666	8.146	457.042	457.042
	6898.666	16.000	457.321	457.321

SIGNED BY R.M.R.
AWN BY A.J.C.
ECKED BY A.S.
PROVED BY K.A.

Note: For Notes see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A19 AND A20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 135 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	189
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
104.0	6901.334	- 16.000	456.278	456.278
	6901.334	- 8.000	456.555	456.555
	6901.334	.000	456.833	456.833
	6901.334	8.000	457.111	457.111
	6901.334	16.000	457.388	457.388

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
104.5	6907.500	- 16.000	456.492	456.502
	6907.500	- 8.000	456.755	456.765
	6907.500	.000	457.018	457.029
	6907.500	8.000	457.281	457.292
	6907.500	16.000	457.544	457.555

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105.0	6913.667	- 16.000	456.705	456.725
	6913.667	- 8.000	456.954	456.973
	6913.667	.000	457.203	457.222
	6913.667	8.000	457.452	457.471
	6913.667	16.000	457.701	457.720

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105.5	6922.833	- 16.000	457.023	457.052
	6922.833	- 8.000	457.251	457.279
	6922.833	.000	457.478	457.507
	6922.833	8.000	457.705	457.734
	6922.833	16.000	457.933	457.961

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
106.0	6932.000	- 16.000	457.341	457.374
	6932.000	- 8.000	457.547	457.579
	6932.000	.000	457.753	457.785
	6932.000	8.000	457.959	457.991
	6932.000	16.000	458.165	458.197

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
106.5	6941.167	- 16.000	457.659	457.690
	6941.167	- 8.000	457.843	457.875
	6941.167	.000	458.028	458.059
	6941.167	8.000	458.213	458.244
	6941.167	16.000	458.397	458.428

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
107.0	6950.333	- 16.000	457.977	458.002
	6950.333	- 8.000	458.140	458.166
	6950.333	.000	458.303	458.329
	6950.333	8.000	458.466	458.492
	6950.333	16.000	458.629	458.655

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
107.5	6959.500	- 16.000	458.295	458.311
	6959.500	- 8.000	458.436	458.453
	6959.500	.000	458.578	458.595
	6959.500	8.000	458.720	458.736
	6959.500	16.000	458.861	458.878

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
108.0	6968.667	- 16.000	458.612	458.620
	6968.667	- 8.000	458.733	458.740
	6968.667	.000	458.853	458.860
	6968.667	8.000	458.973	458.981
	6968.667	16.000	459.094	459.101

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
108.5	6977.833	- 16.000	458.930	458.931
	6977.833	- 8.000	459.029	459.030
	6977.833	.000	459.128	459.129
	6977.833	8.000	459.227	459.228
	6977.833	16.000	459.326	459.327

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
109.0	6987.000	- 16.000	459.248	459.248
	6987.000	- 8.000	459.326	459.326
	6987.000	.000	459.403	459.403
	6987.000	8.000	459.480	459.480
	6987.000	16.000	459.558	459.558

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
109.5	6996.167	- 16.000	459.566	459.570
	6996.167	- 8.000	459.622	459.626
	6996.167	.000	459.678	459.682
	6996.167	8.000	459.734	459.738
	6996.167	16.000	459.790	459.794

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
110.0	7005.333	- 16.000	459.884	459.897
	7005.333	- 8.000	459.918	459.932
	7005.333	.000	459.953	459.966
	7005.333	8.000	459.988	460.001
	7005.333	16.000	460.022	460.035

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
110.5	7014.500	- 16.000	460.202	460.228
	7014.500	- 8.000	460.215	460.241
	7014.500	.000	460.228	460.254
	7014.500	8.000	460.241	460.267
	7014.500	16.000	460.254	460.280

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
111.0	7023.667	- 16.000	460.519	460.558
	7023.667	- 8.000	460.511	460.550
	7023.667	.000	460.503	460.541
	7023.667	8.000	460.495	460.533
	7023.667	16.000	460.487	460.525

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
111.5	7032.833	- 16.000	460.837	460.885
	7032.833	- 8.000	460.808	460.855
	7032.833	.000	460.778	460.825
	7032.833	8.000	460.748	460.796
	7032.833	16.000	460.719	460.766

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
112.0	7042.000	- 16.000	461.155	461.206
	7042.000	- 8.000	461.104	461.154
	7042.000	.000	461.053	461.103
	7042.000	8.000	461.002	461.052
	7042.000	16.000	460.951	461.001

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
112.5	7051.167	- 16.000	461.473	461.520
	7051.167	- 8.000	461.400	461.448
	7051.167	.000	461.328	461.375
	7051.167	8.000	461.256	461.303
	7051.167	16.000	461.183	461.230

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
113.0	7060.333	- 16.000	461.791	461.829
	7060.333	- 8.000	461.697	461.735
	7060.333	.000	461.603	461.642
	7060.333	8.000	461.509	461.548
	7060.333	16.000	461.415	461.454

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
113.5	7069.500	- 16.000	462.109	462.135
	7069.500	- 8.000	461.993	462.020
	7069.500	.000	461.878	461.904
	7069.500	8.000	461.763	461.789
	7069.500	16.000	461.647	461.674

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
114.0	7078.667	- 16.000	462.426	462.440
	7078.667	- 8.000	462.290	462.305
	7078.667	.000	462.153	462.166
	7078.667	8.000	462.016	462.030
	7078.667	16.000	461.880	461.893

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
114.5	7087.833	- 16.000	462.744	462.748
	7087.833	- 8.000	462.586	462.590
	7087.833	.000	462.428	462.432
	7087.833	8.000	462.270	462.274
	7087.833	16.000	462.112	462.116

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
115.0	7097.000	- 16.000	463.062	463.062
	7097.000	- 8.000	462.883	462.883
	7097.000	.000	462.703	462.703
	7097.000	8.000	462.523	462.523
	7097.000	16.000	462.344	462.344

Note: For Notes see Sh No. 126

ED BY R.M.R.
BY A.J.C.
D BY A.S.
/ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A21 AND A22
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 186 OF 326

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	190
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
115.5	7106.167	- 16.000	463.380	463.384
	7106.167	- 8.000	463.179	463.183
	7106.167	.000	462.978	462.982
	7106.167	8.000	462.777	462.781
	7106.167	16.000	462.576	462.580

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
116.0	7115.333	- 16.000	463.698	463.712
	7115.333	- 8.000	467.475	463.489
	7115.333	.000	463.253	463.267
	7115.333	8.000	463.031	463.044
	7115.333	16.000	462.808	462.822

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
116.5	7124.500	- 16.000	464.016	464.042
	7124.500	- 8.000	463.772	463.799
	7124.500	.000	463.528	463.555
	7124.500	8.000	463.284	463.311
	7124.500	16.000	463.040	463.067

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
117.0	7133.667	- 16.000	464.333	464.373
	7133.667	- 8.000	464.068	464.108
	7133.667	.000	463.803	463.842
	7133.667	8.000	463.538	463.577
	7133.667	16.000	463.273	463.312

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
117.5	7142.833	- 16.000	464.651	464.699
	7142.833	- 8.000	464.365	464.413
	7142.833	.000	464.078	464.126
	7142.833	8.000	463.791	463.840
	7142.833	16.000	463.505	463.553

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
118.0	7152.000	- 16.000	464.969	465.020
	7152.000	- 8.000	464.661	464.712
	7152.000	.000	464.353	464.404
	7152.000	8.000	464.045	464.096
	7152.000	16.000	463.737	463.788

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
118.5	7161.167	- 16.000	465.287	465.335
	7161.167	- 8.000	464.957	465.005
	7161.167	.000	464.628	464.676
	7161.167	8.000	464.299	464.347
	7161.167	16.000	463.969	464.017

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
119.0	7170.333	- 16.000	465.605	465.644
	7170.333	- 8.000	465.254	465.293
	7170.333	.000	464.903	464.942
	7170.333	8.000	464.552	464.591
	7170.333	16.000	464.201	464.240

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
119.5	7179.500	- 16.000	465.923	465.949
	7179.500	- 8.000	465.550	465.577
	7179.500	.000	465.178	465.205
	7179.500	8.000	464.806	464.832
	7179.500	16.000	464.433	464.460

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
120.0	7188.667	- 16.000	466.240	466.254
	7188.667	- 7.993	465.846	465.860
	7188.667	.007	465.453	465.466
	7188.667	8.007	465.059	465.073
	7188.667	16.000	464.666	464.679

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
120.5	7197.833	- 16.000	466.556	466.562
	7197.833	- 7.976	466.142	466.146
	7197.833	.024	465.727	465.731
	7197.833	8.024	465.312	465.316
	7197.833	16.000	464.898	464.902

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
121.0	7207.000	- 16.000	466.885	466.885
	7207.000	- 7.972	466.442	466.442
	7207.000	.027	466.001	466.001
	7207.000	8.027	465.561	465.561
	7207.000	16.000	465.121	465.121

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
121.5	7216.167	- 16.000	467.221	467.223
	7216.167	- 7.950	466.747	466.749
	7216.167	.050	466.275	466.277
	7216.167	8.049	465.804	465.806
	7216.167	16.000	465.335	465.337

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
122.0	7225.333	- 16.000	467.557	467.567
	7225.333	- 7.960	467.053	467.063
	7225.333	.040	466.551	466.561
	7225.333	8.039	466.048	466.059
	7225.333	16.000	465.549	465.559

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
122.5	7234.500	- 16.000	467.893	467.914
	7234.500	- 7.950	467.357	467.378
	7234.500	.050	466.825	466.845
	7234.500	8.049	466.292	466.313
	7234.500	16.000	465.763	465.783

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
123.0	7243.667	- 16.000	468.230	468.260
	7243.667	- 7.960	467.663	467.694
	7243.667	.040	467.100	467.130
	7243.667	8.039	466.537	466.567
	7243.667	16.000	465.976	466.007

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
123.5	7252.833	- 16.000	468.566	468.602
	7252.833	- 7.950	467.968	468.004
	7252.833	.050	467.374	467.410
	7252.833	8.049	466.780	466.816
	7252.833	16.000	466.190	466.226

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
124.0	7262.000	- 16.000	468.902	468.938
	7262.000	- 7.960	468.274	468.311
	7262.000	.040	467.650	467.686
	7262.000	8.039	467.025	467.062
	7262.000	16.000	466.404	466.440

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
124.5	7271.167	- 16.000	469.208	469.239
	7271.167	- 7.917	468.561	468.593
	7271.167	.082	467.921	467.953
	7271.167	8.081	467.282	467.313
	7271.167	16.000	466.648	466.679

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
125.0	7280.333	- 16.000	469.483	469.503
	7280.333	- 7.871	468.833	468.853
	7280.333	.128	468.193	468.213
	7280.333	8.126	467.553	467.573
	7280.333	16.000	466.923	466.943

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
125.5	7286.500	- 16.000	469.668	469.679
	7286.500	- 7.908	469.021	469.031
	7286.500	.091	468.381	468.391
	7286.500	8.090	467.741	467.751
	7286.500	16.000	467.108	467.118

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
126.0	7292.696	- 16.000	469.854	469.854
	7292.681	- 8.000	469.213	469.213
	7292.666	.000	468.573	468.573
	7292.650	8.000	467.933	467.933
	7292.634	16.000	467.292	467.292

Note: For Notes see Sh. No. 126

R.M.R.
A.J.C.
A.S.
K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS A23 AND A24
POPLAR STREET BRIDGE APPROACHES
ROADWAY "A"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
137 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	191
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	4956.704	- 16.000	451.679	451.679
	4956.704	- 8.000	451.554	451.554
	4956.704	.000	451.429	451.429
	4956.704	8.000	451.305	451.305
	4956.704	16.000	451.180	451.180

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	4963.018	- 16.000	451.489	451.500
	4963.018	- 8.000	451.365	451.375
	4963.018	.000	451.240	451.251
	4963.018	8.000	451.115	451.126
	4963.018	16.000	450.990	451.001

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	4969.333	- 16.000	451.303	451.324
	4969.333	- 8.000	451.178	451.199
	4969.333	.000	451.054	451.074
	4969.333	8.000	450.929	450.950
	4969.333	16.000	450.804	450.825

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	4978.917	- 16.000	451.027	451.060
	4978.917	- 8.000	450.903	450.935
	4978.917	.000	450.778	450.811
	4978.917	8.000	450.653	450.686
	4978.917	16.000	450.528	450.561

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	4988.500	- 16.000	450.760	450.798
	4988.500	- 8.000	450.635	450.674
	4988.500	.000	450.510	450.549
	4988.500	8.000	450.385	450.424
	4988.500	16.000	450.261	450.299

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	4998.083	- 16.000	450.500	450.539
	4998.083	- 8.000	450.376	450.414
	4998.083	.000	450.251	450.289
	4998.083	8.000	450.126	450.164
	4998.083	16.000	450.001	450.040

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	5007.667	- 16.000	450.249	450.282
	5007.667	- 8.000	450.124	450.157
	5007.667	.000	450.000	450.032
	5007.667	8.000	449.875	449.907
	5007.667	16.000	449.750	449.783

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	5017.250	- 16.000	450.006	450.029
	5017.250	- 8.000	449.881	449.904
	5017.250	.000	449.757	449.780
	5017.250	8.000	449.632	449.655
	5017.250	16.000	449.507	449.530

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	5026.833	- 16.000	449.771	449.783
	5026.833	- 8.000	449.647	449.659
	5026.833	.000	449.522	449.534
	5026.833	8.000	449.397	449.409
	5026.833	16.000	449.272	449.284

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	5036.417	- 16.000	449.545	449.548
	5036.417	- 8.000	449.420	449.424
	5036.417	.000	449.295	449.299
	5036.417	8.000	449.170	449.174
	5036.417	16.000	449.045	449.049

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	5046.000	- 16.000	449.326	449.326
	5046.000	- 8.000	449.201	449.201
	5046.000	.000	449.076	449.076
	5046.000	8.000	448.952	448.952
	5046.000	16.000	448.827	448.827

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	5055.583	- 16.000	449.116	449.119
	5055.583	- 8.000	448.991	448.995
	5055.583	.000	448.866	448.870
	5055.583	8.000	448.741	448.745
	5055.583	16.000	448.617	448.620

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	5065.167	- 16.000	448.914	448.926
	5065.167	- 8.000	448.789	448.802
	5065.167	.000	448.664	448.677
	5065.167	8.000	448.539	448.552
	5065.167	16.000	448.414	448.427

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	5074.750	- 16.000	448.720	448.745
	5074.750	- 8.000	448.595	448.620
	5074.750	.000	448.470	448.495
	5074.750	8.000	448.345	448.370
	5074.750	16.000	448.220	448.245

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	5084.333	- 16.000	448.534	448.570
	5084.333	- 8.000	448.409	448.445
	5084.333	.000	448.284	448.321
	5084.333	8.000	448.159	448.196
	5084.333	16.000	448.035	448.071

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	5093.917	- 16.000	448.356	448.400
	5093.917	- 8.000	448.231	448.276
	5093.917	.000	448.106	448.151
	5093.917	8.000	447.982	448.026
	5093.917	16.000	447.857	447.901

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	5103.500	- 16.000	448.187	448.234
	5103.500	- 8.000	448.062	448.109
	5103.500	.000	447.937	447.984
	5103.500	8.000	447.812	447.859
	5103.500	16.000	447.687	447.734

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	5113.083	- 16.000	448.025	448.069
	5113.083	- 8.000	447.900	447.944
	5113.083	.000	447.776	447.820
	5113.083	8.000	447.651	447.695
	5113.083	16.000	447.526	447.570

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	5122.667	- 16.000	447.872	447.908
	5122.667	- 8.000	447.747	447.783
	5122.666	.000	447.623	447.658
	5122.667	8.000	447.498	447.533
	5122.667	16.000	447.373	447.409

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	5132.250	- 16.000	447.727	447.751
	5132.250	- 8.000	447.602	447.626
	5132.250	.000	447.478	447.502
	5132.250	8.000	447.353	447.377
	5132.250	16.000	447.228	447.252

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	5141.833	- 16.000	447.590	447.602
	5141.833	- 8.000	447.466	447.477
	5141.833	.000	447.341	447.353
	5141.833	8.000	447.216	447.228
	5141.833	16.000	447.091	447.103

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	5151.417	- 16.000	447.462	447.465
	5151.417	- 8.000	447.337	447.340
	5151.417	.000	447.212	447.215
	5151.417	8.000	447.087	447.090
	5151.417	16.000	446.963	446.966

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	5161.000	- 16.000	447.341	447.341
	5161.000	- 8.000	447.217	447.217
	5161.000	.000	447.092	447.092
	5161.000	8.000	446.967	446.967
	5161.000	16.000	446.842	446.842

Note: For Notes see Sh. No. 126.

SIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D1 AND D2
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 138 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	192
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
12.5	5170.583	- 16.000	447.229	447.232
	5170.583	- 8.000	447.104	447.107
	5170.583	.000	446.979	446.982
	5170.583	8.000	446.855	446.858
	5170.583	16.000	446.730	446.733

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.0	5180.167	- 16.000	447.125	447.137
	5180.167	- 8.000	447.000	447.012
	5180.167	.000	446.875	446.887
	5180.167	8.000	446.751	446.762
	5180.167	16.000	446.626	446.638

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.5	5189.750	- 16.000	447.029	447.053
	5189.750	- 8.000	446.904	446.928
	5189.750	.000	446.779	446.803
	5189.750	8.000	446.655	446.679
	5189.750	16.000	446.530	446.554

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.0	5199.333	- 16.000	446.941	446.977
	5199.333	- 8.000	446.816	446.852
	5199.333	.000	446.692	446.727
	5199.333	8.000	446.567	446.603
	5199.333	16.000	446.442	446.478

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.5	5208.917	- 16.000	446.862	446.906
	5208.917	- 8.000	446.737	446.781
	5208.916	.000	446.612	446.656
	5208.917	8.000	446.487	446.531
	5208.917	16.000	446.363	446.406

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.0	5218.500	- 16.000	446.790	446.837
	5218.500	- 8.000	446.666	446.712
	5218.500	.000	446.541	446.588
	5218.500	8.000	446.416	446.463
	5218.500	16.000	446.291	446.338

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.5	5228.083	- 16.000	446.727	446.771
	5228.083	- 8.000	446.602	446.647
	5228.083	.000	446.477	446.522
	5228.083	8.000	446.353	446.397
	5228.083	16.000	446.228	446.272

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.0	5237.667	- 16.000	446.672	446.709
	5237.667	- 8.000	446.547	446.584
	5237.666	.000	446.422	446.459
	5237.667	8.000	446.298	446.334
	5237.667	16.000	446.173	446.209

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.5	5247.250	- 16.000	446.625	446.650
	5247.250	- 8.000	446.500	446.525
	5247.250	.000	446.376	446.401
	5247.250	8.000	446.251	446.276
	5247.250	16.000	446.126	446.151

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.0	5256.833	- 16.000	446.586	446.599
	5256.833	- 8.000	446.462	446.475
	5256.833	.000	446.337	446.350
	5256.833	8.000	446.212	446.225
	5256.833	16.000	446.087	446.100

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.5	5266.417	- 16.000	446.556	446.560
	5266.417	- 8.000	446.431	446.435
	5266.417	.000	446.306	446.310
	5266.417	8.000	446.182	446.185
	5266.417	16.000	446.057	446.060

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.0	5276.000	- 16.000	446.534	446.534
	5276.000	- 8.000	446.409	446.409
	5276.000	.000	446.284	446.284
	5276.000	8.000	446.159	446.159
	5276.000	16.000	446.034	446.034

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.5	5285.583	- 16.000	446.519	446.521
	5285.583	- 8.000	446.395	446.397
	5285.583	.000	446.270	446.272
	5285.583	8.000	446.145	446.147
	5285.583	16.000	446.020	446.022

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
19.0	5295.167	- 16.000	446.513	446.522
	5295.167	- 8.000	446.389	446.398
	5295.166	.000	446.264	446.273
	5295.167	8.000	446.139	446.148
	5295.167	16.000	446.014	446.023

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
19.5	5304.750	- 16.000	446.516	446.534
	5304.750	- 8.000	446.391	446.410
	5304.750	.000	446.266	446.285
	5304.750	8.000	446.141	446.160
	5304.750	16.000	446.016	446.035

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
20.0	5314.333	- 16.000	446.526	446.554
	5314.333	- 8.000	446.401	446.429
	5314.333	.000	446.276	446.304
	5314.333	8.000	446.151	446.180
	5314.333	16.000	446.027	446.055

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
20.5	5323.917	- 16.000	446.544	446.578
	5323.917	- 8.000	446.420	446.453
	5323.917	.000	446.295	446.329
	5323.917	8.000	446.170	446.204
	5323.917	16.000	446.045	446.079

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
21.0	5333.500	- 16.000	446.571	446.605
	5333.500	- 8.000	446.446	446.481
	5333.500	.000	446.321	446.356
	5333.500	8.000	446.197	446.231
	5333.500	16.000	446.072	446.106

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
21.5	5343.083	- 16.000	446.606	446.635
	5343.083	- 8.000	446.481	446.510
	5343.083	.000	446.356	446.385
	5343.083	8.000	446.232	446.261
	5343.083	16.000	446.107	446.136

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
22.0	5352.667	- 16.000	446.649	446.667
	5352.667	- 8.000	446.524	446.542
	5352.667	.000	446.399	446.417
	5352.667	8.000	446.275	446.293
	5352.667	16.000	446.150	446.168

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
22.5	5358.667	- 16.000	446.679	446.688
	5358.667	- 8.000	446.554	446.564
	5358.667	.000	446.429	446.439
	5358.667	8.000	446.305	446.314
	5358.667	16.000	446.180	446.189

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
23.0	5364.666	- 16.000	446.709	446.709
	5364.666	- 8.000	446.584	446.584
	5364.666	.000	446.459	446.459
	5364.666	8.000	446.335	446.335
	5364.666	16.000	446.210	446.210

Notes: For Notes see Sh. No. 126

D BY R.M.R.
BY A.J.C.
D BY A.S.
ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D3 AND D4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 139 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	256	193
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
24.0	5367.334	- 16.000	446.722	446.722
	5367.334	- 10.655	446.639	446.639
	5367.334	- 5.311	446.556	446.556
	5367.334	.034	446.472	446.472
	5367.334	5.378	446.389	446.389
	5367.334	10.723	446.305	446.305
	5367.334	16.067	446.222	446.222
24.5	5375.667	- 16.000	446.764	446.774
	5375.667	- 10.532	446.680	446.690
	5375.667	- 5.185	446.595	446.606
	5375.667	.263	446.511	446.521
	5375.667	5.631	446.426	446.437
	5375.667	11.039	446.342	446.353
	5375.667	16.446	446.258	446.268
25.0	5384.000	- 16.000	446.806	446.825
	5384.000	- 10.529	446.720	446.739
	5384.000	- 5.058	446.635	446.654
	5384.000	.413	446.550	446.569
	5384.000	5.884	446.464	446.483
	5384.000	11.355	446.379	446.398
	5384.000	16.826	446.293	446.313
25.5	5394.500	- 16.000	446.858	446.883
	5394.500	- 10.449	446.771	446.797
	5394.500	- 4.899	446.685	446.710
	5394.500	.652	446.598	446.623
	5394.500	6.202	446.512	446.537
	5394.500	11.753	446.425	446.450
	5394.500	17.304	446.339	446.364
26.0	5405.000	- 16.000	446.911	446.935
	5405.000	- 10.370	446.823	446.847
	5405.000	- 4.739	446.735	446.759
	5405.000	.891	446.647	446.672
	5405.000	6.521	446.559	446.584
	5405.000	12.151	446.471	446.496
	5405.000	17.782	446.384	446.408
26.5	5415.500	- 16.000	446.963	446.982
	5415.500	- 10.290	446.874	446.893
	5415.500	- 4.580	446.785	446.803
	5415.500	1.130	446.696	446.714
	5415.500	6.840	446.607	446.625
	5415.500	12.550	446.518	446.536
	5415.500	18.260	446.429	446.447

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
27.0	5426.000	- 16.000	447.016	447.025
	5426.000	- 10.210	446.925	446.935
	5426.000	- 4.421	446.835	446.845
	5426.000	1.369	446.745	446.754
	5426.000	7.158	446.654	446.664
	5426.000	12.948	446.564	446.574
	5426.000	18.738	446.474	446.483
27.5	5436.500	- 16.000	447.068	447.071
	5436.500	- 10.131	446.977	446.979
	5436.500	- 4.261	446.885	446.888
	5436.500	1.608	446.793	446.796
	5436.500	7.477	446.702	446.704
	5436.500	13.346	446.610	446.613
	5436.500	19.216	446.519	446.521
28.0	5447.000	- 16.000	447.121	447.121
	5447.000	- 10.051	447.028	447.028
	5447.000	- 4.102	446.935	446.935
	5447.000	1.847	446.842	446.842
	5447.000	7.796	446.749	446.749
	5447.000	13.745	446.657	446.657
	5447.000	19.694	446.564	446.564
28.5	5457.500	- 16.000	447.173	447.181
	5457.500	- 9.971	447.079	447.087
	5457.500	- 3.943	446.985	446.993
	5457.500	2.086	446.891	446.899
	5457.500	8.114	446.797	446.805
	5457.500	14.143	446.703	446.711
	5457.500	20.172	446.609	446.617
29.0	5468.000	- 16.000	447.226	447.245
	5468.000	- 9.892	447.130	447.150
	5468.000	- 3.783	447.035	447.054
	5468.000	2.325	446.940	446.959
	5468.000	8.433	446.844	446.864
	5468.000	14.541	446.749	446.769
	5468.000	20.650	446.654	446.673
29.5	5478.500	- 16.000	447.278	447.310
	5478.500	- 9.812	447.182	447.213
	5478.500	- 3.624	447.085	447.117
	5478.500	2.564	446.988	447.020
	5478.500	8.752	446.892	446.923
	5478.500	14.940	446.795	446.827
	5478.500	21.128	446.699	446.730

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.0	5489.000	- 16.000	447.331	447.371
	5489.000	- 9.732	447.233	447.273
	5489.000	- 3.465	447.135	447.17
	5489.000	2.803	447.037	447.078
	5489.000	9.070	446.939	446.980
	5489.000	15.338	446.842	446.882
	5489.000	21.606	446.744	446.784
30.5	5499.500	- 16.000	447.383	447.427
	5499.500	- 9.653	447.284	447.328
	5499.500	- 3.305	447.185	447.229
	5499.500	3.042	447.086	447.130
	5499.500	9.389	446.987	447.031
	5499.500	15.736	446.888	446.932
	5499.500	22.084	446.789	446.833
31.0	5510.000	- 16.000	447.436	447.475
	5510.000	- 9.573	447.335	447.375
	5510.000	- 3.146	447.235	447.275
	5510.000	3.281	447.135	447.175
	5510.000	9.708	447.035	447.074
	5510.000	16.135	446.934	446.974
	5510.000	22.561	446.834	446.874
31.5	5520.500	- 16.000	447.488	447.519
	5520.500	- 9.493	447.387	447.417
	5520.500	- 2.987	447.285	447.316
	5520.500	3.520	447.184	447.214
	5520.500	10.026	447.082	447.113
	5520.500	16.533	446.981	447.011
	5520.500	23.039	446.879	446.910
32.0	5531.000	- 16.000	447.541	447.559
	5531.000	- 9.414	447.438	447.456
	5531.000	- 2.828	447.335	447.353
	5531.000	3.759	447.232	447.251
	5531.000	10.345	447.130	447.148
	5531.000	16.931	447.027	447.045
	5531.000	23.517	446.924	446.942

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
32.5	5541.500	- 16.000	447.593	447.600
	5541.500	- 9.334	447.489	447.496
	5541.500	- 2.668	447.385	447.392
	5541.500	3.998	447.281	447.288
	5541.500	10.664	447.177	447.184
	5541.500	17.330	447.073	447.080
	5541.500	23.995	446.969	446.976
33.0	5552.000	- 16.000	447.646	447.646
	5552.000	- 9.254	447.540	447.540
	5552.000	- 2.509	447.435	447.435
	5552.000	4.237	447.330	447.330
	5552.000	10.982	447.225	447.225
	5552.000	17.728	447.119	447.119
	5552.000	24.473	447.014	447.014
33.5	5562.500	- 16.000	447.698	447.702
	5562.500	- 9.175	447.592	447.596
	5562.500	- 2.350	447.485	447.489
	5562.500	4.476	447.379	447.383
	5562.500	11.301	447.272	447.276
	5562.500	18.126	447.166	447.170
	5562.500	24.951	447.059	447.064
34.0	5573.000	- 16.000	447.751	447.763
	5573.000	- 9.095	447.643	447.656
	5573.000	- 2.190	447.535	447.548
	5573.000	4.715	447.427	447.440
	5573.000	11.620	447.320	447.333
	5573.000	18.524	447.212	447.225
	5573.000	25.429	447.104	447.117
34.5	5583.500	- 16.000	447.740	447.762
	5583.500	- 9.015	447.658	447.681
	5583.500	- 2.031	447.577	447.600
	5583.500	4.954	447.496	447.518
	5583.500	11.938	447.414	447.437
	5583.500	18.923	447.325	447.348
	5583.500	25.907	447.229	447.252

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
35.0	5594.000	- 16.000	447.722	447.751
	5594.000	- 8.936	447.671	447.700
	5594.000	- 1.872	447.620	447.649
	5594.000	5.193	447.568	447.597
	5594.000	12.257	447.517	447.546
	5594.000	19.321	447.446	447.475
	5594.000	26.385	447.364	447.393
35.5	5604.500	- 16.000	447.705	447.734
	5604.500	- 8.856	447.684	447.713
	5604.500	- 1.712	447.663	447.693
	5604.500	5.432	447.643	447.672
	5604.500	12.576	447.622	447.651
	5604.500	19.719	447.570	447.599
	5604.500	26.863	447.501	447.530
36.0	5615.000	- 16.000	447.687	447.709
	5615.000	- 8.776	447.698	447.720
	5615.000	- 1.553	447.709	447.731
	5615.000	5.671	447.719	447.741
	5615.000	12.894	447.730	447.752
	5615.000	20.118	447.694	447.716
	5615.000	27.341	447.640	447.662
36.5	5623.333	- 16.000	447.674	447.686
	5623.333	- 8.713	447.710	447.722
	5623.333	- 1.426	447.746	447.758
	5623.333	5.860	447.782	447.794
	5623.333	13.147	447.818	447.830
	5623.333	20.434	447.795	447.807
	5623.333	27.721	447.751	447.763
37.0	5631.666	- 16.000	447.660	447.660
	5631.666	- 8.650	447.722	447.722
	5631.666	- 1.300	447.783	447.783
	5631.666	6.050	447.845	447.845
	5631.666	13.400	447.907	447.907
	5631.666	20.750	447.896	447.896
	5631.666	28.100	447.864	447.864

Note: For Notes see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D5 THRU D7
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 140 OF 526

BY R.M.P.
BY A.J.C.
BY A.S.
D BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	194
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.0	5634.334	- 16.000	447.655	447.655
	5634.334	- 10.472	447.708	447.708
	5634.334	- 4.945	447.761	447.761
	5634.334	.583	447.813	447.813
	5634.334	6.111	447.866	447.866
	5634.334	11.638	447.918	447.918
	5634.334	17.166	447.942	447.942
	5634.334	22.694	447.921	447.921
	5634.334	28.221	447.901	447.901

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.5	5642.667	- 16.000	447.641	447.653
	5642.667	- 10.425	447.714	447.725
	5642.667	- 4.850	447.786	447.798
	5642.667	.725	447.859	447.870
	5642.667	6.300	447.931	447.942
	5642.667	11.875	448.004	448.015
	5642.667	17.451	448.039	448.050
	5642.667	23.026	448.027	448.038
	5642.667	28.601	448.015	448.026

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.0	5651.000	- 16.000	447.628	447.648
	5651.000	- 10.377	447.720	447.740
	5651.000	- 4.755	447.813	447.833
	5651.000	.868	447.905	447.925
	5651.000	6.490	447.998	448.018
	5651.000	12.113	448.090	448.110
	5651.000	17.735	448.136	448.156
	5651.000	23.358	448.134	448.154
	5651.000	28.980	448.131	448.151

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.5	5661.500	- 16.000	447.610	447.636
	5661.500	- 10.318	447.729	447.754
	5661.500	- 4.636	447.847	447.873
	5661.500	1.047	447.965	447.991
	5661.500	6.729	448.084	448.109
	5661.500	12.411	448.202	448.228
	5661.500	18.093	448.261	448.287
	5661.500	23.776	448.270	448.295
	5661.500	29.458	448.278	448.304

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.0	5672.000	- 16.000	447.593	447.618
	5672.000	- 10.258	447.737	447.762
	5672.000	- 4.516	447.882	447.907
	5672.000	1.226	448.027	448.052
	5672.000	6.968	448.172	448.196
	5672.000	12.710	448.316	448.341
	5672.000	18.452	448.386	448.411
	5672.000	24.194	448.407	448.432
	5672.000	29.936	448.428	448.453

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.5	5682.500	- 16.000	447.575	447.594
	5682.500	- 10.198	447.747	447.765
	5682.500	- 4.397	447.918	447.937
	5682.500	1.405	448.090	448.109
	5682.500	7.207	448.262	448.280
	5682.500	13.009	448.433	448.452
	5682.500	18.810	448.514	448.532
	5682.500	24.612	448.547	448.565
	5682.500	30.414	448.580	448.598

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.0	5693.000	- 16.000	447.558	447.567
	5693.000	- 10.142	447.757	447.766
	5693.000	- 4.280	447.956	447.965
	5693.000	1.582	448.155	448.164
	5693.000	7.444	448.354	448.363
	5693.000	13.306	448.553	448.562
	5693.000	19.168	448.642	448.652
	5693.000	25.030	448.688	448.697
	5693.000	30.892	448.733	448.743

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.5	5703.500	- 16.000	447.540	447.543
	5703.500	- 10.089	447.767	447.769
	5703.500	- 4.166	447.994	447.996
	5703.500	1.757	448.221	448.223
	5703.500	7.680	448.448	448.450
	5703.500	13.603	448.675	448.677
	5703.500	19.525	448.773	448.775
	5703.500	25.448	448.831	448.833
	5703.500	31.370	448.888	448.891

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.0	5714.000	- 16.000	447.523	447.523
	5714.000	- 10.037	447.778	447.778
	5714.000	- 4.053	448.033	448.033
	5714.000	1.931	448.288	448.288
	5714.000	7.915	448.544	448.544
	5714.000	13.899	448.799	448.799
	5714.000	19.882	448.904	448.904
	5714.000	25.865	448.975	448.975
	5714.000	31.848	449.046	449.046

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.5	5724.500	- 16.000	447.505	447.514
	5724.500	- 9.985	447.789	447.798
	5724.500	- 3.939	448.073	448.082
	5724.500	2.106	448.358	448.367
	5724.500	8.151	448.642	448.651
	5724.500	14.195	448.926	448.935
	5724.500	20.239	449.037	449.046
	5724.500	26.283	449.121	449.130
	5724.500	32.326	449.205	449.214

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.0	5735.000	- 16.000	447.488	447.510
	5735.000	- 9.915	447.801	447.823
	5735.000	- 3.808	448.115	448.137
	5735.000	2.298	448.429	448.451
	5735.000	8.405	448.743	448.765
	5735.000	14.511	449.057	449.079
	5735.000	20.617	449.173	449.194
	5735.000	26.723	449.270	449.292
	5735.000	32.828	449.368	449.390

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.5	5745.500	- 16.000	447.470	447.506
	5745.500	- 9.895	447.811	447.846
	5745.500	- 3.711	448.156	448.191
	5745.500	2.473	448.502	448.537
	5745.500	8.658	448.847	448.882
	5745.500	14.842	449.192	449.227
	5745.500	21.026	449.310	449.345
	5745.500	27.210	449.423	449.458
	5745.500	33.393	449.535	449.570

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.0	5756.000	- 16.000	447.453	447.498
	5756.000	- 9.895	447.820	447.865
	5756.000	- 3.621	448.198	448.243
	5756.000	2.652	448.576	448.620
	5756.000	8.926	448.953	448.998
	5756.000	15.200	449.323	449.368
	5756.000	21.474	449.450	449.495
	5756.000	27.747	449.578	449.622
	5756.000	34.021	449.705	449.750

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.5	5766.500	- 16.000	447.435	447.484
	5766.500	- 9.835	447.833	447.882
	5766.500	- 3.471	448.244	448.293
	5766.500	2.892	448.655	448.703
	5766.500	9.256	449.066	449.114
	5766.500	15.620	449.451	449.499
	5766.500	21.984	449.594	449.642
	5766.500	28.347	449.737	449.785
	5766.500	34.711	449.880	449.928

Note:
For Notes see Sh. No. 126

BY R.M.R
BY A.J.C.
BY A.S.
D BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D8 AND D9
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
141 OF 528

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	195
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
45.0	5777.000	– 16.000	447.418	447.462
	5777.000	– 9.715	447.851	447.895
	5777.000	– 3.261	448.296	448.340
	5777.000	3.193	448.741	448.785
	5777.000	9.647	449.186	449.230
	5777.000	16.101	449.582	449.626
	5777.000	22.555	449.741	449.785
	5777.000	29.009	449.900	449.944
	5777.000	[illegible]	450.059	450.102

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
45.5	5787.500	– 16.000	447.400	447.434
	5787.500	– 9.534	447.874	447.908
	5787.500	– 2.989	448.354	448.388
	5787.500	3.555	448.834	448.868
	5787.500	10.100	449.314	449.348
	5787.500	16.645	449.717	449.751
	5787.500	23.189	449.892	449.926
	5787.500	29.734	450.067	450.101
	5787.500	36.278	450.242	450.276

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
46.0	5798.000	– 16.000	447.383	447.403
	5798.000	– 9.405	447.895	447.915
	5798.000	– 2.754	448.412	448.432
	5798.000	3.898	448.929	448.949
	5798.000	10.550	449.446	449.466
	5798.000	17.202	449.855	449.875
	5798.000	23.853	450.047	450.068
	5798.000	30.505	450.239	450.260
	5798.000	37.156	450.431	450.452

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
46.5	5808.500	– 16.000	447.398	447.406
	5808.500	– 9.367	447.929	447.937
	5808.500	– 2.586	448.472	448.479
	5808.500	4.195	449.014	449.022
	5808.500	10.976	449.556	449.564
	5808.500	17.756	449.961	449.969
	5808.500	24.537	450.165	450.172
	5808.500	31.317	450.368	450.376
	5808.500	38.097	450.571	450.579

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
47.0	5819.000	– 16.000	447.451	447.451
	5819.000	– 9.268	447.990	447.990
	5819.000	– 2.357	448.542	448.542
	5819.000	4.553	449.095	449.095
	5819.000	11.463	449.648	449.648
	5819.000	18.373	450.036	450.036
	5819	25.282	450.210	450.210
	5819.000	32.192	450.380	450.380
	5819.000	39.102	450.546	450.546

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
47.5	5829.500	– 16.000	447.503	447.508
	5829.500	– 9.108	448.055	448.060
	5829.500	– 2.068	448.618	448.623
	5829.500	4.972	449.181	449.186
	5829.500	12.011	449.744	449.749
	5829.500	19.051	450.103	450.108
	5829.500	26.090	450.249	450.254
	5829.500	33.130	450.391	450.395
	5829.500	40.169	450.528	450.533

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
48.0	5840.000	– 16.000	447.556	447.571
	5840.000	– 8.887	448.125	448.140
	5840.000	– 1.718	448.699	448.713
	5840.000	5.452	449.272	449.287
	5840.000	12.622	449.846	449.860
	5840.000	19.791	450.173	450.188
	5840.000	26.961	450.290	450.305
	5840.000	34.130	450.402	450.417
	5840.000	41.300	450.510	450.524

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
48.5	5850.500	16.000	447.608	448.633
	5850.500	– 8.756	448.187	448.212
	5850.500	– 1.435	448.773	448.798
	5850.500	5.886	449.359	449.384
	5850.500	13.208	449.945	449.970
	5850.500	20.530	450.246	450.271
	5850.500	27.851	450.333	450.358
	5850.500	35.173	450.415	450.440
	5850.500	42.494	450.492	450.517

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
49.0	5861.000	– 16.000	447.661	447.692
	5861.000	– 8.679	448.247	448.278
	5861.000	– 1.188	448.846	448.877
	5861.000	6.303	449.445	449.477
	5861.000	13.793	450.044	450.076
	5861.000	21.284	450.322	450.354
	5861.000	28.774	450.379	450.410
	5861.000	36.264	450.430	450.461
	5861.000	43.753	450.475	450.506

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
49.5	5871.500	– 16.000	447.713	447.744
	5871.500	– 8.539	448.310	448.341
	5871.500	.879	448.923	448.954
	5871.500	6.780	449.535	449.566
	5871.500	14.440	450.148	450.179
	5871.500	22.099	450.407	450.438
	5871.500	29.758	450.431	450.462
	5871.500	37.417	450.449	450.480
	5871.500	45.075	450.461	450.492

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
50.0	5882.000	– 16.000	447.765	447.789
	5882.000	– 8.341	448.379	448.402
	5882.000	– .511	449.005	449.028
	5882.000	7.319	449.631	449.655
	5882.000	15.148	450.250	450.274
	5882.000	22.977	450.485	450.509
	5882.000	30.806	450.489	450.513
	5882.000	38.634	450.473	450.497
	5882.000	46.462	450.451	450.474

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
50.5	5890.333	– 16.000	447.808	447.821
	5890.333	– 8.139	448.436	448.449
	5890.333	– .174	449.074	449.087
	5890.333	7.790	449.711	449.724
	5890.333	15.755	450.310	450.323
	5890.333	23.719	450.549	450.562
	5890.333	31.683	450.540	450.553
	5890.333	39.646	450.496	450.509
	5890.333	47.610	450.445	450.458

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
51.0	5898.654	– 16.000	447.849	447.849
	5898.660	– 7.900	448.497	448.497
	5898.666	.200	449.145	449.145
	5898.672	8.301	449.793	449.793
	5898.678	16.401	450.371	450.371
	5898.684	24.501	450.614	450.614
	5898.689	32.602	450.592	450.592
	5898.695	40.702	450.520	450.520
	5898.701	48.802	450.441	450.441

Note:
For Notes see Sh. No. 126

D BY R.M.R.
BY A.J.C.
D BY A.S.
ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D9 AND D10
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
142 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	196
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52	5901.345	- 16.012	447.862	447.862
	5901.339	- 8.012	448.502	448.502
	5901.333	- .012	449.142	449.142
	5901.327	7.988	449.782	449.782
	5901.322	15.988	450.372	450.372

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+10'	5911.433	- 16.181	447.899	447.965
	5911.382	- 8.181	448.538	448.590
	5911.332	- .181	449.178	449.230
	5911.282	7.819	449.818	449.869
	5911.233	15.819	450.417	450.493

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+20'	5921.523	- 16.294	447.940	448.056
	5921.427	- 8.294	448.580	448.671
	5921.333	- .295	449.219	449.310
	5921.239	7.705	449.858	449.949
	5921.146	15.704	450.463	450.598

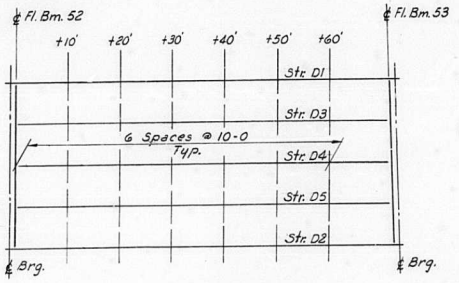
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+30'	5931.614	- 16.351	447.986	448.131
	5931.473	- 8.353	448.625	448.739
	5931.334	- .354	449.264	449.378
	5931.197	7.645	449.904	450.017
	5931.060	15.644	450.511	450.681

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+40'	5941.705	- 16.353	448.036	448.182
	5941.520	- 8.355	448.675	448.790
	5941.336	- .357	449.314	449.429
	5941.155	7.640	449.953	450.068
	5940.975	15.638	450.560	450.731

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+50'	5951.795	- 16.299	448.091	448.210
	5951.566	- 8.303	448.730	448.824
	5951.338	- .306	449.368	449.463
	5951.112	7.691	450.007	450.102
	5950.889	15.688	450.611	450.754

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52+60'	5961.885	- 16.190	448.150	448.220
	5961.611	- 8.195	448.788	448.845
	5961.339	- .199	449.427	449.484
	5961.069	7.796	450.065	450.124
	5960.802	15.792	450.702	450.791

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53	5972.655	- 16.012	448.218	448.218
	5972.661	- 8.012	448.858	448.858
	5972.667	- .012	449.498	449.498
	5972.673	7.988	450.138	450.138
	5972.678	15.988	450.778	450.778



LOCATION PLAN
Span D11

Note:
Stringers are identified in the Tables by their offset.

BY R.M.R.
BY A.J.C.
BY A.S.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPAN D11
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 143 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	197
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
54.0	5975.346	- 16.000	448.233	448.233
	5975.310	- 8.000	448.873	448.873
	5975.334	- .000	449.513	449.513
	5975.328	8.000	450.153	450.153
	5975.323	16.000	450.793	450.793

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
54.5	5981.333	- 16.000	448.263	448.274
	5981.333	- 8.048	448.899	448.910
	5981.333	- .048	449.539	449.550
	5981.333	7.951	450.179	450.190
	5981.333	16.000	450.823	450.834

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
55.0	5987.333	- 16.000	448.293	448.314
	5987.333	- 8.076	448.926	448.948
	5987.333	- .077	449.566	449.588
	5987.333	7.923	450.206	450.228
	5987.333	16.000	450.852	450.874

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
55.5	5996.917	- 16.000	448.341	448.374
	5996.917	- 8.081	448.974	449.008
	5996.917	- .081	449.614	449.648
	5996.917	7.919	450.254	450.288
	5996.917	16.000	450.901	450.934

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56.0	6006.500	- 16.000	448.388	448.429
	6006.500	- 8.034	449.026	449.066
	6006.500	- .034	449.666	449.706
	6006.500	7.965	450.306	450.346
	6006.500	16.000	450.948	450.989

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56.5	6016.083	- 16.000	448.436	448.476
	6016.083	- 8.038	449.073	449.113
	6016.083	- .038	449.713	449.753
	6016.083	7.962	450.353	450.393
	6016.083	16.000	450.996	451.036

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
57.0	6025.667	- 16.000	448.484	448.518
	6025.667	- 8.063	449.119	449.153
	6025.667	- .064	449.759	449.793
	6025.667	7.936	450.399	450.433
	6025.667	16.000	451.044	451.078

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
57.5	6035.250	- 16.000	448.532	448.555
	6035.250	- 8.038	449.169	449.192
	6035.250	- .038	449.809	449.832
	6035.250	7.962	450.449	450.472
	6035.250	16.000	451.092	451.115

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58.0	6044.833	- 16.000	448.580	448.592
	6044.833	- 8.047	449.216	449.228
	6044.833	- .047	449.856	449.868
	6044.833	7.953	450.496	450.508
	6044.833	16.000	451.140	451.152

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58.5	6054.417	- 16.000	448.628	448.631
	6054.417	- 8.122	449.258	449.261
	6054.417	- .123	449.898	449.901
	6054.417	7.877	450.538	450.541
	6054.417	16.000	451.188	451.191

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
59.0	6064.000	- 16.000	448.676	448.676
	6064.000	- 8.147	449.304	449.304
	6064.000	- .148	449.944	449.944
	6064.000	7.851	450.584	450.584
	6064.000	16.000	451.236	451.236

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
59.5	6073.583	- 16.000	448.724	448.730
	6073.583	- 8.122	449.354	449.360
	6073.583	- .123	449.994	450.000
	6073.583	7.877	450.634	450.640
	6073.583	16.000	451.284	451.290

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
60.0	6083.167	- 16.000	448.772	448.789
	6083.167	- 8.047	449.408	449.426
	6083.167	- .047	450.048	450.066
	6083.167	7.953	450.688	450.706
	6083.167	16.000	451.332	451.349

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
60.5	6092.750	- 16.000	448.819	448.851
	6092.750	- 8.038	449.456	449.488
	6092.750	- .038	450.096	450.128
	6092.750	7.962	450.736	450.768
	6092.750	16.000	451.379	451.411

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
61.0	6102.333	- 16.000	448.865	448.910
	6102.333	- 8.063	449.500	449.545
	6102.333	- .064	450.140	450.185
	6102.333	7.936	450.780	150.825
	6102.333	16.000	451.425	451.470

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
61.5	6111.917	- 16.000	448.909	448.963
	6111.917	- 8.038	449.546	449.600
	6111.917	- .038	450.186	450.240
	6111.917	7.962	450.826	450.880
	6111.917	16.000	451.469	451.523

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
62.0	6121.500	- 16.000	448.950	449.008
	6121.500	- 8.038	449.587	449.645
	6121.500	- .038	450.227	450.285
	6121.500	7.962	450.867	450.925
	6121.500	16.000	451.510	451.568

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
62.5	6131.083	- 16.000	448.989	449.043
	6131.083	- 8.092	449.622	449.676
	6131.083	- .093	450.262	450.316
	6131.083	7.907	450.902	450.956
	6131.083	16.000	451.549	451.603

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
63.0	6140.667	- 16.000	449.026	449.071
	6140.667	- 8.097	449.658	449.703
	6140.667	- .097	450.298	450.343
	6140.667	7.903	450.938	450.983
	6140.667	16.000	451.586	451.631

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
63.5	6150.250	- 16.000	449.060	449.092
	6150.250	- 8.050	449.696	449.728
	6150.250	- .051	450.336	450.368
	6150.250	7.949	450.976	451.008
	6150.250	16.000	451.620	451.652

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
64.0	6159.833	- 16.000	449.092	449.110
	6159.833	- 8.047	449.729	449.746
	6159.833	- .047	450.369	450.386
	6159.833	7.953	451.009	451.026
	6159.833	16.000	451.652	451.670

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
64.5	6169.417	- 16.000	449.122	449.128
	6169.417	- 8.122	449.752	449.758
	6169.417	- .123	450.392	450.398
	6169.417	7.877	451.032	451.038
	6169.417	16.000	451.682	451.688

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
65.0	6179.000	- 16.000	449.150	449.150
	6179.000	- 8.148	449.778	449.778
	6179.000	- .148	450.418	450.418
	6179.000	7.851	451.058	451.058
	6179.000	16.000	451.710	451.710

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
65.5	6188.583	- 16.000	449.175	449.178
	6188.583	- 8.122	449.805	449.808
	6188.583	- .123	450.445	450.448
	6188.583	7.877	451.085	451.088
	6188.583	16.000	451.735	451.738

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
66.0	6198.167	- 16.000	449.198	449.210
	6198.167	- 8.047	449.834	449.846
	6198.167	- .047	450.474	450.486
	6198.167	7.953	451.114	451.126
	6198.167	16.000	451.758	451.770

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
66.5	6207.750	- 16.000	449.218	449.242
	6207.750	- 8.038	449.855	449.879
	6207.750	- .038	450.495	450.519
	6207.750	7.962	451.135	451.159
	6207.750	16.000	451.778	451.802

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
67.0	6217.333	- 16.000	449.237	449.270
	6217.333	- 8.063	449.872	449.905
	6217.333	- .064	450.512	450.545
	6217.333	7.936	451.152	451.185
	6217.333	16.000	451.797	451.830

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
67.5	6226.917	- 16.000	449.253	449.293
	6226.917	- 8.038	449.890	449.930
	6226.917	- .038	450.530	450.570
	6226.917	7.962	451.170	451.210
	6226.917	16.000	451.813	451.853

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
68.0	6236.500	- 16.000	449.267	449.307
	6236.500	- 8.034	449.904	449.944
	6236.500	- .034	450.544	450.584
	6236.500	7.965	451.184	451.224
	6236.500	16.000	451.827	451.867

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
68.5	6246.083	- 16.000	449.278	449.312
	6246.083	- 8.081	449.912	449.945
	6246.083	- .081	450.552	450.585
	6246.083	7.919	451.191	451.225
	6246.083	16.000	451.838	451.872

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
69.0	6255.667	- 16.000	449.287	449.308
	6255.667	- 8.076	449.921	449.942
	6255.667	- .077	450.561	450.582
	6255.667	7.923	451.201	451.222
	6255.667	16.000	451.847	451.868

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
69.5	6261.667	- 16.000	449.292	449.303
	6261.667	- 8.048	449.928	449.939
	6261.667	- .048	450.568	450.579
	6261.667	7.951	451.208	451.219
	6261.667	16.000	451.852	451.863

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
70.0	6267.654	- 16.000	449.295	449.295
	6267.660	- 8.000	449.935	449.935
	6267.666	- .000	450.575	450.575
	6267.672	8.000	451.215	451.215
	6267.677	16.000	451.855	451.855

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

Note:
For Notes see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D12 THRU D14
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 144 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	198
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.0	6270.346	- 16.000	449.297	449.297
	6270.340	- 8.000	449.937	449.937
	6270.334	- .000	450.577	450.577
	6270.328	8.000	451.217	451.217
	6270.323	16.000	451.857	451.857

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.5	6276.167	- 16.000	449.299	449.299
	6276.167	- 8.044	449.935	449.944
	6276.167	- .045	450.575	450.584
	6276.167	7.955	451.215	451.224
	6276.167	16.000	451.859	451.868

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
72.0	6282.000	- 16.000	449.300	449.317
	6282.000	- 8.070	449.935	449.952
	6282.000	- .070	450.575	450.592
	6282.000	7.929	451.215	451.232
	6282.000	16.000	451.860	451.877

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
72.5	6291.000	- 16.000	449.301	449.327
	6291.000	- 8.073	449.935	449.962
	6291.000	- .073	450.575	450.602
	6291.000	7.926	451.215	451.242
	6291.000	16.000	451.861	451.887

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
73.0	6300.000	- 16.000	449.300	449.330
	6300.000	- 8.031	449.937	449.968
	6300.000	- .031	450.577	450.608
	6300.000	7.968	451.217	451.248
	6300.000	16.000	451.860	451.890

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
73.5	6309.000	- 16.000	449.296	449.326
	6309.000	- 8.033	449.933	449.964
	6309.000	- .033	450.573	450.604
	6309.000	7.967	451.213	451.244
	6309.000	16.000	451.856	451.886

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
74.0	6318.000	- 16.000	449.291	449.316
	6318.000	- 8.055	449.926	449.951
	6318.000	- .055	450.566	450.591
	6318.000	7.944	451.206	451.231
	6318.000	16.000	451.851	451.876

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
74.5	6327.000	- 16.000	449.283	449.300
	6327.000	- 8.033	449.920	449.937
	6327.000	- .033	450.560	450.577
	6327.000	7.967	451.200	451.217
	6327.000	16.000	451.843	451.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
75.0	6336.000	- 16.000	449.273	449.281
	6336.000	- 8.042	449.910	449.918
	6336.000	- .042	450.550	450.558
	6336.000	7.958	451.190	451.198
	6336.000	16.000	451.833	451.841

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
75.5	6345.000	- 16.000	449.262	449.264
	6345.000	- 8.109	449.893	449.895
	6345.000	- .109	450.533	450.535
	6345.000	7.890	451.173	451.175
	6345.000	16.000	451.822	451.824

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
76.0	6354.000	- 16.000	449.248	449.248
	6354.000	- 8.131	449.878	449.878
	6354.000	- .132	450.518	450.518
	6354.000	7.868	451.158	451.158
	6354.000	16.000	451.808	451.808

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
76.5	6363.000	- 16.000	449.233	449.237
	6363.000	- 8.109	449.864	449.869
	6363.000	- .109	450.504	450.509
	6363.000	7.890	451.144	451.149
	6363.000	16.000	451.793	451.797

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
77.0	6372.000	- 16.000	449.215	449.229
	6372.000	- 8.042	449.852	449.866
	6372.000	- .042	450.492	450.506
	6372.000	7.958	451.132	451.146
	6372.000	16.000	451.775	451.789

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
77.5	6381.000	- 16.000	449.195	449.221
	6381.000	- 8.033	449.833	449.859
	6381.000	- .033	450.473	450.499
	6381.000	7.967	451.113	451.139
	6381.000	16.000	451.755	451.781

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
78.0	6390.000	- 16.000	449.174	449.211
	6390.000	- 8.055	449.809	449.846
	6390.000	- .056	450.449	450.486
	6390.000	7.944	451.089	451.126
	6390.000	15.999	451.734	451.771

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
78.5	6399.000	- 16.000	449.150	449.195
	6399.000	- 8.033	449.787	449.832
	6399.000	- .033	450.427	450.472
	6399.000	7.967	451.067	451.112
	6399.000	16.000	451.710	451.755

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
79.0	6408.000	- 16.000	449.124	449.172
	6408.000	- 8.034	449.761	449.809
	6408.000	- .034	450.401	450.449
	6408.000	7.966	451.041	451.089
	6408.000	16.000	451.684	451.732

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
79.5	6417.000	- 16.000	449.096	449.141
	6417.000	- 8.082	449.730	449.775
	6417.000	- .082	450.370	450.415
	6417.000	7.917	451.010	451.055
	6417.000	16.000	451.656	451.701

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
80.0	6426.000	- 16.000	449.067	449.104
	6426.000	- 8.085	449.700	449.737
	6426.000	- .085	450.340	450.377
	6426.000	7.914	450.980	451.017
	6426.000	16.000	451.627	451.664

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
80.5	6435.000	- 16.000	449.035	449.061
	6435.000	- 8.044	449.671	449.697
	6435.000	- .044	450.311	450.337
	6435.000	7.956	450.951	450.977
	6435.000	16.000	451.595	451.621

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
81.0	6444.000	- 16.000	449.001	449.015
	6444.000	- 8.042	449.637	449.652
	6444.000	- .042	450.277	450.292
	6444.000	7.958	450.917	450.932
	6444.000	16.000	451.561	451.575

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
81.5	6453.000	- 16.000	448.965	448.970
	6453.000	- 8.109	449.596	449.601
	6453.000	- .109	450.236	450.241
	6453.000	7.890	450.876	450.881
	6453.000	16.000	451.525	451.530

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
82.0	6462.000	- 16.000	448.927	448.927
	6462.000	- 8.131	449.557	449.557
	6462.000	- .132	450.197	450.197
	6462.000	7.868	450.836	450.836
	6462.000	16.000	451.487	451.487

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
82.5	6471.000	- 16.000	448.887	448.889
	6471.000	- 8.109	449.518	449.520
	6471.000	- .109	450.158	450.160
	6471.000	7.890	450.798	450.800
	6471.000	16.000	451.447	451.449

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
83.0	6480.000	- 16.000	448.845	448.853
	6480.000	- 8.042	449.482	449.489
	6480.000	- .042	450.122	450.129
	6480.000	7.958	450.762	450.769
	6480.000	16.000	451.405	451.413

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
83.5	6489.000	- 16.000	448.801	448.817
	6489.000	- 8.033	449.439	449.455
	6489.000	- .033	450.079	450.095
	6489.000	7.967	450.719	450.735
	6489.000	16.000	451.361	451.377

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
84.0	6498.000	- 16.000	448.756	448.781
	6498.000	- 8.055	449.392	449.416
	6498.000	- .056	450.032	450.056
	6498.000	7.944	450.672	450.696
	6498.000	16.000	451.316	451.341

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
84.5	6507.000	- 16.000	448.739	448.769
	6507.000	- 8.033	449.362	449.392
	6507.000	- .033	449.989	450.018
	6507.000	7.967	450.615	450.645
	6507.000	16.000	451.244	451.274

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
85.0	6516.000	- 16.001	448.754	448.785
	6516.000	- 8.031	449.348	449.379
	6516.000	- .029	449.944	449.975
	6516.000	7.972	450.540	450.571
	6516.000	16.000	451.139	451.170

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
85.5	6525.000	- 16.009	448.742	448.770
	6525.000	- 8.076	449.316	449.344
	6525.000	- .071	449.896	449.923
	6525.000	7.934	450.476	450.503
	6525.000	16.000	451.060	451.087

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
86.0	6534.000	- 16.024	448.696	448.715
	6534.000	- 8.085	449.271	449.290
	6534.000	- .076	449.851	449.870
	6534.000	7.933	450.431	450.450
	6534.000	16.000	451.015	451.034

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
86.5	6539.833	- 16.039	448.666	448.677
	6539.833	- 8.071	449.243	449.254
	6539.833	- .060	449.823	449.834
	6539.833	7.952	450.403	450.414
	6539.833	16.000	450.985	450.997

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
87.0	6545.656	- 16.057	448.635	448.635
	6545.661	- 8.043	449.216	449.216
	6545.666	- .028	449.796	449.796
	6545.671	7.986	450.376	450.376
	6545.675	16.000	450.956	450.956

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D15 THRU D17
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
145 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	199
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
88.0	6548.344	- 16.066	448.621	448.621
	6548.340	- 9.653	449.086	449.086
	6548.336	- 3.240	449.550	449.550
	6548.332	3.174	450.014	450.014
	6548.329	9.587	450.479	450.479
	6548.325	16.000	450.943	450.943
88.5	6554.167	- 16.089	448.591	448.599
	6554.167	- 9.702	449.053	449.061
	6554.167	- 3.283	449.518	449.526
	6554.167	3.136	449.982	449.991
	6554.167	9.554	450.447	450.456
	6554.167	16.000	450.914	450.922
89.0	6560.000	- 16.115	448.559	448.575
	6560.000	- 9.736	449.021	449.037
	6560.000	- 3.311	449.486	449.502
	6560.000	3.113	449.952	449.968
	6560.000	9.538	450.417	450.433
	6560.000	16.000	450.885	450.901
89.5	6569.000	- 16.162	448.511	448.536
	6569.000	- 9.758	448.975	449.000
	6569.000	- 3.325	449.441	449.466
	6569.000	3.109	449.906	449.932
	6569.000	9.542	450.372	450.397
	6569.000	16.000	450.840	450.865
90.0	6578.000	- 16.217	448.462	448.492
	6578.000	- 9.807	448.926	448.956
	6578.000	- 3.362	449.393	449.423
	6578.000	3.083	449.859	449.889
	6578.000	9.527	450.326	450.356
	6578.000	16.000	450.795	450.824
90.5	6587.000	- 16.281	448.413	448.442
	6587.000	- 9.903	448.874	448.904
	6587.000	- 3.445	449.342	449.371
	6587.000	3.014	449.809	449.839
	6587.000	9.473	450.277	450.307
	6587.000	16.000	450.750	450.779
91.0	6596.000	- 16.352	448.362	448.387
	6596.000	- 9.964	448.825	448.850
	6596.000	- 3.490	449.294	449.318
	6596.000	2.983	449.762	449.787
	6596.000	9.456	450.231	450.256
	6596.000	16.000	450.705	450.730
91.5	6605.000	- 16.432	448.312	448.329
	6605.000	- 9.988	448.778	448.795
	6605.000	- 3.500	449.248	449.265
	6605.000	2.988	449.718	449.735
	6605.000	9.476	450.187	450.205
	6605.000	16.000	450.660	450.677
92.0	6614.000	- 16.519	448.260	448.269
	6614.000	- 10.056	448.728	448.737
	6614.000	- 3.551	449.189	449.208
	6614.000	2.955	449.670	449.679
	6614.000	9.460	450.141	450.150
	6614.000	16.000	450.615	450.624
92.5	6623.000	- 16.615	448.208	448.211
	6623.000	- 10.197	448.673	448.676
	6623.000	- 3.670	449.146	449.148
	6623.000	2.857	449.618	449.621
	6623.000	9.383	450.091	450.093
	6623.000	16.000	450.570	450.572
93.0	6632.000	- 16.718	448.156	448.156
	6632.000	- 10.301	448.620	448.620
	6632.000	- 3.753	449.095	449.095
	6632.000	2.795	449.569	449.569
	6632.000	9.343	450.043	450.043
	6632.000	16.000	450.525	450.525
93.5	6641.000	- 16.830	448.103	448.105
	6641.000	- 10.369	448.571	448.572
	6641.000	- 3.799	449.046	449.048
	6641.000	2.770	449.522	449.524
	6641.000	9.340	449.997	449.999
	6641.000	16.000	450.480	450.481
94.0	6650.000	- 16.950	448.049	448.058
	6650.000	- 10.400	448.523	448.533
	6650.000	- 3.809	449.000	449.010
	6650.000	2.782	449.478	449.487
	65.	9.374	449.955	449.964
	6650.000	16.000	450.435	450.444
94.5	6659.000	- 17.078	447.995	448.014
	6659.000	- 10.504	448.471	448.490
	6659.000	- 3.887	448.950	448.969
	6659.000	2.730	449.429	449.448
	6659.000	9.347	449.908	449.927
	6659.000	16.000	450.390	450.409
95.0	6668.000	- 17.214	447.940	447.968
	6668.000	- 10.653	448.415	448.443
	6668.000	- 4.007	448.896	448.924
	6668.000	2.638	449.377	449.405
	6668.000	9.284	449.858	449.886
	6668.000	16.000	450.345	450.373
95.5	6677.000	- 17.358	447.885	447.919
	6677.000	- 10.765	448.362	448.396
	6677.000	- 4.091	448.845	448.880
	6677.000	2.594	449.328	449.363
	6677.000	9.258	449.812	449.846
	6677.000	16.000	450.300	450.334
96.0	6686.000	- 17.510	447.829	447.865
	6686.000	- 10.840	448.311	448.348
	6686.000	- 4.137	448.797	448.833
	6686.000	2.566	449.282	449.319
	6686.000	9.269	449.767	449.804
	6686.000	16.000	450.255	450.291
96.5	6695.000	- 17.670	447.772	447.807
	6695.000	- 10.968	448.257	448.292
	6695.000	- 4.232	448.745	448.779
	6695.000	2.503	449.232	449.267
	6695.000	9.238	449.720	449.755
	6695.000	16.000	450.210	450.244
97.0	6704.000	- 17.838	447.715	447.743
	6704.000	- 11.123	448.201	448.229
	6704.000	- 4.354	448.691	448.720
	6704.000	2.415	449.181	449.210
	6704.000	9.185	449.671	449.700
	6704.000	16.000	450.165	450.193
97.5	6713.000	- 18.014	447.657	447.677
	6713.000	- 11.243	448.147	448.167
	6713.000	- 4.439	448.640	448.660
	6713.000	2.365	449.133	449.152
	6713.000	9.169	449.625	449.645
	6713.000	16.000	450.120	450.140
98.0	6722.000	- 18.198	447.595	447.609
	6722.000	- 11.399	448.091	448.102
	6722.000	- 4.558	448.586	448.597
	6722.000	2.283	449.082	449.092
	6722.000	9.124	449.577	449.588
	6722.000	16.000	450.075	450.085
98.5	6731.000	- 18.390	447.540	447.543
	6731.000	- 11.617	448.030	448.034
	6731.000	- 4.735	448.528	448.532
	6731.000	2.146	449.027	449.030
	6731.000	9.028	449.525	449.528
	6731.000	16.000	450.030	450.033
99.0	6740.000	- 18.591	447.480	447.480
	6740.000	- 11.799	447.972	447.972
	6740.000	- 4.876	448.473	448.473
	6740.000	2.046	448.974	448.974
	6740.000	8.969	449.476	449.476
	6740.000	16.000	449.985	449.985
99.5	6749.000	- 18.799	447.420	447.423
	6749.000	- 11.944	447.917	447.919
	6749.000	- 4.980	448.421	448.423
	6749.000	1.983	448.925	448.928
	6749.000	8.946	449.429	449.432
	6749.000	16.000	449.940	449.942
100.0	6758.000	- 19.015	447.360	447.369
	6758.000	- 12.053	447.864	447.873
	6758.000	- 5.048	448.371	448.380
	6758.000	1.956	448.878	448.887
	6758.000	8.961	449.385	449.394
	6758.000	16.000	449.895	449.904
100.5	6767.000	- 19.239	447.298	447.316
	6767.000	- 12.234	447.806	447.823
	6767.000	- 5.184	448.316	448.334
	6767.000	1.865	448.826	448.844
	6767.000	8.914	449.337	449.354
	6767.000	16.000	449.850	449.867
101.0	6776.000	- 19.472	447.237	447.262
	6776.000	- 12.459	447.744	447.770
	6776.000	- 5.362	448.258	448.283
	6776.000	1.735	448.772	448.797
	6776.000	8.832	449.286	449.311
	6776.000	16.000	449.805	449.830
101.5	6785.000	- 19.712	447.174	447.204
	6785.000	- 12.648	447.686	447.715
	6785.000	- 5.503	448.203	448.233
	6785.000	1.642	448.720	448.750
	6785.000	8.787	449.238	449.267
	6785.000	16.000	449.760	449.789
102.0	6794.000	- 19.960	447.111	447.141
	6794.000	- 12.801	447.630	447.659
	6794.000	- 5.608	448.150	448.180
	6794.000	1.585	448.671	448.701
	6794.000	8.779	449.198	449.222
	6794.000	16.000	449.715	449.745
102.5	6803.000	- 20.216	447.048	447.073
	6803.000	- 13.001	447.570	447.595
	6803.000	- 5.757	448.095	448.120
	6803.000	1.487	448.619	448.644
	6803.000	8.731	449.143	449.169
	6803.000	16.000	449.670	449.695
103.0	6812.000	- 20.481	446.984	446.999
	6812.000	- 13.228	447.509	447.525
	6812.000	- 5.931	448.037	448.053
	6812.000	1.367	448.565	448.581
	6812.000	8.665	449.094	449.110
	6812.000	16.000	449.625	449.641
103.5	6817.833	- 20.656	446.942	446.950
	6817.833	- 13.356	447.470	447.479
	6817.833	- 6.023	448.001	448.009
	6817.833	1.309	448.532	448.540
	6817.833	8.641	449.063	449.071
	6817.833	16.000	449.596	449.604
104.0	6823.653	- 20.835	446.900	446.900
	6823.658	- 13.468	447.433	447.433
	6823.662	- 6.101	447.966	447.966
	6823.666	1.266	448.500	448.500
	6823.671	8.633	449.033	449.033
	6823.675	16.000	449.566	449.566

Note: For Notes see Sheet No. 126

BY R.M.R.
CK A.J.C.
BY A.S.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D18 THRU D20
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
146 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	200
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105	6826.346	- 20.930	446.879	446.879
	6826.342	- 14.264	447.362	447.362
	6826.338	- 7.597	447.845	447.845
	6826.334	- .930	448.327	448.327
	6826.330	5.736	448.810	448.810
	6826.327	10.883	449.181	449.181
	6826.324	15.990	449.552	449.552

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+10'	6836.432	- 21.430	446.793	446.860
	6836.397	- 14.764	447.275	447.327
	6836.363	- 8.097	447.758	447.809
	6836.329	- 1.430	448.241	448.292
	6836.295	5.236	448.724	448.775
	6836.268	10.540	449.108	449.159
	6836.241	15.842	449.492	449.559

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+20'	6846.521	- 21.584	446.709	446.831
	6846.455	- 15.218	447.192	447.284
	6846.390	- 8.552	447.675	447.767
	6846.326	- 1.885	448.158	448.250
	6846.262	4.781	448.641	448.732
	6846.209	10.261	449.038	449.129
	6846.157	15.739	449.435	449.556

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+30'	6856.613	- 22.293	446.629	446.784
	6856.517	- 15.627	447.112	447.229
	6856.422	- 8.961	447.595	447.712
	6856.327	- 2.295	448.079	448.195
	6856.233	4.371	448.562	448.677
	6856.153	10.028	448.972	449.087
	6856.074	15.681	449.381	449.535

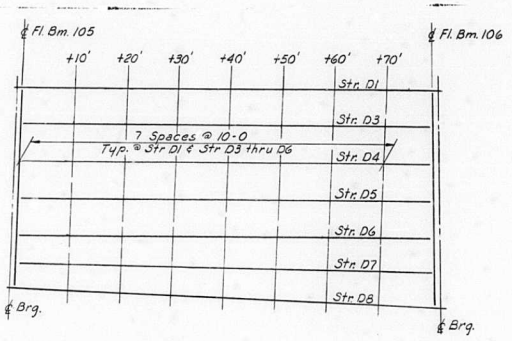
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+40'	6866.709	- 22.656	446.553	446.714
	6866.583	- 15.990	447.036	447.157
	6866.457	- 9.325	447.519	447.640
	6866.332	- 2.659	448.002	448.123
	6866.207	4.006	448.485	448.607
	6866.099	9.839	448.908	449.029
	6865.992	15.668	449.331	449.493

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+50'	6876.809	- 22.973	446.479	446.622
	6876.651	- 16.308	446.962	447.069
	6876.495	- 9.643	447.446	447.553
	6876.339	- 2.978	447.929	448.036
	6876.185	3.687	448.412	448.520
	6876.046	9.696	448.848	448.956
	6875.909	15.699	449.233	449.429

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+60'	6886.911	- 23.244	446.409	446.506
	6886.723	- 16.580	446.892	446.965
	6886.536	- 9.916	447.376	447.449
	6886.350	- 3.252	447.859	447.933
	6886.165	3.412	448.343	448.417
	6885.995	9.597	448.791	448.867
	6885.826	15.775	449.239	449.342

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
105+70'	6897.015	- 23.470	446.342	446.375
	6896.796	- 16.807	446.826	446.851
	6896.579	- 10.144	447.309	447.336
	6896.363	- 3.481	447.793	447.821
	6896.148	3.182	448.276	448.305
	6895.944	9.543	448.738	448.768
	6895.742	15.896	449.199	449.241

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
106	6901.652	- 23.559	446.312	446.312
	6901.656	- 16.900	446.795	446.795
	6901.660	- 10.242	447.277	447.277
	6901.665	- 3.584	447.759	447.759
	6901.669	3.075	448.241	448.241
	6901.672	9.533	448.708	448.708
	6901.676	15.990	449.176	449.176



LOCATION PLAN
Span D21

Note
Stringers are identified in the Tables by their offset.

R.M.P.
A. J. C.
A.S.
K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPAN D21
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 147 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	201
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
107.0	6904.349	- 23.651	446.292	446.292
	5904.346	- 19.245	446.611	446.611
	6904.343	- 14.840	446.930	446.930
	6904.341	- 10.434	447.249	447.249
	6904.338	- 6.028	447.568	447.568
	6904.335	- 1.623	447.887	447.887
	6904.333	2.783	448.206	448.206
	6904.330	7.189	448.525	448.525
	6904.327	11.594	448.844	448.844
	6904.325	16.000	449.163	449.163

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
109.0	6939.000	- 25.055	446.017	446.057
	6939.000	- 20.540	446.344	446.384
	6939.000	- 15.977	446.675	446.715
	6939.000	- 11.415	447.005	447.045
	6939.000	- 6.852	447.335	447.375
	6939.000	- 2.289	447.666	447.706
	6939.000	2.273	447.996	448.036
	6939.000	6.836	448.326	448.366
	6939.000	11.398	448.657	448.697
	6939.000	16.000	448.990	449.030

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
111.0	6981.667	- 26.945	445.667	445.678
	6981.667	- 22.230	446.009	446.019
	6981.667	- 17.457	446.354	446.365
	6981.667	- 12.684	446.700	446.710
	6981.667	- 7.912	447.045	447.056
	6981.667	- 3.139	447.391	447.402
	81.667	1.634	447.736	447.747
	6981.667	6.406	448.082	448.093
	6981.667	11.179	448.427	448.438
	6981.667	16.000	448.776	448.787

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
113.0	7024.333	- 29.010	445.304	445.323
	7024.333	- 24.065	445.662	445.681
	7024.333	- 19.063	446.025	446.043
	7024.333	- 14.061	446.387	446.406
	7024.333	- 9.059	446.749	446.768
	7024.333	- 4.057	447.111	447.130
	7024.333	.945	447.473	447.492
	7024.333	5.947	447.835	447.854
	7024.333	10.950	448.198	448.216
	7024.333	16.000	448.563	448.582

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
115.0	7067.000	- 31.249	444.975	445.033
	7067.000	- 26.045	445.352	445.410
	7067.000	- 20.794	445.732	445.790
	7067.000	- 15.543	446.112	446.170
	7067.000	- 10.292	446.492	446.550
	7067.000	- 5.042	446.873	446.931
	7067.000	.209	447.253	447.311
	7067.000	5.460	447.633	447.691
	7067.000	10.710	448.013	448.071
	7067.000	16.000	448.396	448.454

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
117.0	7109.667	- 33.661	444.768	444.783
	7109.667	- 28.200	445.163	445.178
	7109.667	- 22.681	445.563	445.578
	7109.667	- 17.162	445.962	445.978
	7109.667	- 11.643	446.362	446.377
	7109.667	- 6.124	446.762	446.777
	7109.667	- .605	447.161	447.176
	7109.667	4.914	447.561	447.576
	7109.667	10.433	447.960	447.975
	7109.667	16.000	448.363	448.378

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
107.5	6911.000	- 23.912	446.240	446.252
	6911.000	- 19.519	446.558	446.570
	6911.000	- 15.084	446.879	446.891
	6911.000	- 10.648	447.200	447.212
	6911.000	- 6.213	447.522	447.533
	6911.000	- 1.777	447.843	447.854
	6911.000	2.658	448.164	448.175
	6911.000	7.093	448.485	448.496
	6911.000	11.529	448.806	448.818
	6911.000	16.000	449.130	449.141

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
109.5	6949.667	- 25.511	445.931	445.970
	6949.667	- 21.011	446.257	446.296
	6949.667	- 16.396	446.591	446.630
	6949.667	- 11.782	446.925	446.964
	6949.667	- 7.167	447.259	447.298
	6949.667	- 2.553	447.593	447.632
	6949.667	2.062	447.927	447.966
	6949.667	6.676	448.261	448.301
	6949.667	11.291	448.596	448.635
	6949.667	16.000	448.936	448.976

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
111.5	6992.333	- 27.445	445.578	445.580
	6992.333	- 22.765	445.917	445.919
	6992.333	- 17.935	446.266	446.269
	6992.333	- 13.105	446.616	446.618
	6992.333	- 8.276	446.966	446.968
	6992.333	- 3.446	447.315	447.318
	6992.333	1.384	447.665	447.667
	6992.333	6.214	448.015	448.017
	6992.333	11.044	448.364	448.367
	6992.333	16.000	448.723	448.726

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
113.5	7035.000	- 29.553	445.212	445.246
	7035.000	- 24.552	445.574	445.608
	7035.000	- 19.489	445.941	445.974
	7035.000	- 14.427	446.307	446.341
	7035.000	- 9.364	446.674	446.707
	7035.000	- 4.301	447.040	447.074
	7035.000	.761	447.407	447.440
	7035.000	5.824	447.773	447.807
	7035.000	10.886	448.140	448.173
	7035.000	16.000	448.510	448.544

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
115.5	7077.667	- 31.835	444.912	444.965
	7077.667	- 26.566	445.293	445.347
	7077.667	- 21.250	445.676	445.732
	7077.667	- 15.934	446.063	446.117
	7077.667	- 10.618	446.448	446.502
	7077.667	- 5.302	446.833	446.886
	7077.667	.014	447.218	447.271
	7077.667	5.330	447.603	447.656
	7077.667	10.646	447.987	448.041
	7077.667	16.000	448.375	448.429

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
117.5	7120.333	- 34.291	444.735	444.740
	7120.333	- 28.850	445.129	445.134
	7120.333	- 23.260	445.534	445.539
	7120.333	- 17.669	445.939	445.943
	7120.333	- 12.079	446.344	446.348
	7120.333	- 6.488	446.748	446.753
	7120.333	- .897	447.153	447.158
	7120.333	4.693	447.556	447.562
	7120.333	10.283	447.963	447.967
	7120.333	16.000	448.376	448.381

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
108.0	6917.667	- 24.177	446.188	446.209
	6917.667	- 19.773	446.506	446.528
	6917.667	- 15.308	446.830	446.851
	6917.667	- 10.843	447.153	447.175
	6917.667	- 6.377	447.476	447.498
	6917.667	- 1.912	447.800	447.821
	6917.667	2.553	448.123	448.144
	6917.667	7.018	448.446	448.468
	6917.667	11.484	448.769	448.791
	6917.667	16.000	449.096	449.118

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
110.0	6960.333	- 25.978	445.844	445.877
	6960.333	- 21.430	446.173	446.206
	6960.333	- 16.764	446.511	446.544
	6960.333	- 12.097	446.849	446.882
	6960.333	- 7.431	447.187	447.219
	6960.333	- 2.765	447.525	447.557
	6960.333	1.902	447.862	447.895
	6960.333	6.568	448.200	448.233
	6960.333	11.235	448.538	448.571
	6960.333	16.000	448.883	448.916

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
112.0	7003.000	- 27.955	445.487	445.487
	7003.000	- 23.250	445.828	445.828
	7003.000	- 18.362	446.182	446.182
	7003.000	- 13.475	446.536	446.536
	7003.000	- 8.588	446.890	446.890
	7003.000	- 3.701	447.244	447.244
	7003.000	1.186	447.597	447.597
	7003.000	6.074	447.951	447.951
	7003.000	10.961	448.305	448.305
	7003.000	16.000	448.670	448.670

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
114.0	7045.667	- 30.107	445.125	445.172
	7045.667	- 25.100	445.488	445.535
	7045.667	- 19.975	445.859	445.906
	7045.667	- 14.850	446.230	446.277
	7045.667	- 9.725	446.601	446.648
	7045.667	- 4.600	446.972	447.019
	7045.667	.526	447.343	447.390
	7045.667	5.651	447.714	447.761
	7045.667	10.776	448.085	448.132
	7045.667	16.000	448.464	448.510

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
116.0	7088.333	- 32.433	444.856	444.899
	7088.333	- 27.127	445.240	445.284
	7088.333	- 21.744	445.630	445.673
	7088.333	- 16.362	446.020	446.063
	7088.333	- 10.979	446.409	446.453
	7088.333	- 5.596	446.798	446.842
	7088.333	- .213	447.189	447.232
	7088.333	5.170	447.579	447.622
	7088.333	10.553	447.968	448.012
	7088.333	16.000	448.363	448.406

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
118.0	7131.000	- 34.931	444.711	444.711
	7131.000	- 29.450	445.108	445.108
	7131.000	- 23.788	445.518	445.518
	7131.000	- 18.125	445.927	445.927
	7131.000	- 12.463	446.337	446.337
	7131.000	- 6.801	446.747	446.747
	7131.000	- 1.139	447.157	447.157
	7131.000	4.524	447.567	447.567
	7131.000	10.186	447.977	447.977
	7131.000	16.000	448.398	448.398

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
108.5	6928.333	- 24.611	446.103	446.137
	6928.333	- 20.138	446.427	446.461
	6928.333	- 15.625	446.753	446.787
	6928.333	- 11.112	447.080	447.114
	6928.333	- 6.599	447.407	447.441
	6928.333	- 2.086	447.734	447.768
	6928.333	2.427	448.060	448.094
	6928.333	6.940	448.387	448.421
	6928.333	11.453	448.714	448.748
	6928.333	16.000	449.043	449.077

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
110.5	6971.000	- 28.456	445.756	445.778
	6971.000	- 21.799	446.093	446.115
	6971.000	- 17.080	446.435	446.457
	6971.000	- 12.362	446.776	446.799
	6971.000	- 7.643	447.118	447.140
	6971.000	- 2.925	447.460	447.482
	6971.000	1.793	447.801	447.823
	6971.000	6.512	448.143	448.165
	6971.000	11.230	448.484	448.507
	6971.000	16.000	448.830	448.852

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
112.5	7013.667	- 28.477	445.396	445.403
	7013.667	- 23.683	445.743	445.750
	7013.667	- 18.738	446.101	446.108
	7013.667	- 13.794	446.459	446.466
	7013.667	- 8.849	446.817	446.824
	7013.667	- 3.904	447.175	447.182
	7013.667	1.040	447.533	447.540
	7013.667	5.985	447.891	447.898
	7013.667	10.929	448.249	448.256
	7013.667	16.000	448.617	448.623

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
114.5	7056.333	- 30.673	445.046	445.102
	7056.333	- 25.598	445.414	445.469
	7056.333	- 20.410	445.789	445.845
	7056.333	- 15.222	446.165	446.221
	7056.333	- 10.034	446.541	446.596
	7056.333	- 4.846	446.916	446.972
	7056.333	.341	447.292	447.347
	7056.333	5.529	447.668	447.723
	7056.333	10.717	448.043	448.099
	7056.333	16.000	448.426	448.481

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
116.5	7099.000	- 33.042	444.808	444.837
	7099.000	- 27.638	445.199	445.229
	7099.000	- 22.188	445.594	445.623
	7099.000	- 16.738	445.988	446.018
	7099.000	- 11.288	446.383	446.412
	7099.000	- 5.838	446.778	446.807
	7099.000	- .388	447.172	447.202
	7099.000	5.062	447.567	447.596
	7099.000	10.512	447.961	447.991
	7099.000	16.000	448.359	448.388

Note:
For Notes see Sh. No. 126

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D22 AND D23
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 148 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	202
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
118.5	7141.667	- 35.583	444.694	444.700
	7141.667	- 29.999	445.098	445.104
	7141.667	- 24.264	445.513	445.519
	7141.667	- 18.530	445.928	445.934
	7141.667	- 12.796	446.344	446.349
	7141.667	- 7.062	446.759	446.764
	7141.667	- 1.328	447.174	447.180
	7141.667	4.406	447.589	447.595
	7141.667	10.140	448.004	448.010
	7141.667	16.000	448.428	448.434

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
120.5	7184.333	- 38.295	444.704	444.760
	7184.333	- 32.373	445.132	445.188
	7184.333	- 26.338	445.569	445.625
	7184.333	- 20.303	446.006	446.062
	7184.333	- 14.268	446.443	446.499
	7184.333	- 8.234	446.880	446.936
	7184.333	- 2.199	447.317	447.373
	7184.333	3.836	447.754	447.810
	7184.333	9.870	448.191	448.247
	7184.333	16.000	448.635	448.691

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
122.5	7227.000	- 41.175	444.838	444.869
	7227.000	- 34.868	445.323	445.354
	7227.000	- 28.514	445.810	445.841
	7227.000	- 22.160	446.294	446.325
	7227.000	- 15.807	446.761	446.793
	7227.000	- 9.453	447.186	447.218
	7227.000	- 3.099	447.612	447.643
	7227.000	3.254	448.037	448.068
	7227.000	9.608	448.462	448.493
	7227.000	16.000	448.889	448.921

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
124.5	7269.667	- 44.224	445.320	445.324
	7269.667	- 37.680	445.835	445.839
	7269.667	- 30.984	446.361	446.365
	7269.667	- 24.287	446.888	446.892
	7269.667	- 17.590	447.381	447.385
	7269.667	- 10.893	447.710	447.714
	7269.667	- 4.195	447.039	447.043
	7269.667	2.504	448.368	448.372
	7269.667	9.203	448.696	448.700
	7269.667	16.000	449.030	449.034

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
126.5	7312.333	- 47.888	446.011	446.055
	7312.333	- 40.894	446.556	446.601
	7312.333	- 33.782	447.112	447.156
	7312.333	- 26.670	447.667	447.711
	7312.333	- 19.559	448.025	448.069
	7312.333	- 12.447	448.260	448.304
	7312.333	- 5.335	448.495	448.539
	7312.333	1.777	448.730	448.774
	7312.333	8.888	448.965	449.009
	7312.333	16.000	449.200	449.244

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
128.5	7351.000	- 52.098	446.639	446.651
	7351.000	- 44.571	447.222	447.234
	7351.000	- 37.000	447.809	447.822
	7351.000	- 29.428	448.396	448.409
	7351.000	- 21.857	448.652	448.664
	7351.000	- 14.285	448.793	448.805
	7351.000	- 6.714	448.933	448.946
	7351.000	.857	449.074	449.086
	7351.000	8.429	449.215	449.227
	7351.000	16.000	449.355	449.368

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
119.0	7152.333	- 36.245	444.685	444.702
	7152.333	- 30.496	445.101	445.118
	7152.333	- 24.690	445.521	445.539
	7152.333	- 18.884	445.942	445.959
	7152.333	- 13.078	446.362	446.379
	7152.333	- 7.272	446.782	446.800
	7152.333	- 1.466	447.203	447.220
	7152.333	4.340	447.623	447.640
	7152.333	10.146	448.043	448.061
	7152.333	16.000	448.467	448.485

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
121.0	7195.000	- 38.999	444.726	444.785
	7195.000	- 32.934	445.165	445.224
	7195.000	- 26.822	445.607	445.666
	7195.000	- 20.710	446.050	446.109
	7195.000	- 14.598	446.492	446.551
	7195.000	- 8.486	446.935	446.994
	7195.000	- 2.374	447.377	447.436
	7195.000	3.737	447.820	447.879
	7195.000	9.849	448.262	448.321
	7195.000	16.000	448.707	448.767

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
123.0	7237.667	- 41.922	444.920	444.936
	7237.667	- 35.543	445.425	445.441
	7237.667	- 29.105	445.934	445.950
	7237.667	- 22.668	446.443	446.459
	7237.667	- 16.231	446.911	446.928
	7237.667	- 9.794	447.313	447.330
	7237.667	- 3.357	447.715	447.732
	7237.667	3.080	448.117	448.134
	7237.667	9.518	448.519	448.536
	7237.667	16.000	448.924	448.941

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
125.0	7280.333	- 45.042	445.492	445.506
	7280.333	- 38.316	446.020	446.033
	7280.333	- 31.530	446.552	446.566
	7280.333	- 24.745	447.085	447.099
	7280.333	- 17.960	447.543	447.557
	7280.333	- 11.174	447.849	447.862
	7280.333	- 4.388	448.154	448.168
	7280.333	2.398	448.459	448.473
	7280.333	9.184	448.765	448.779
	7280.333	16.000	449.071	449.085

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
127.0	7323.000	- 48.964	446.184	446.228
	7323.000	- 41.789	446.743	446.787
	23.000	- 34.566	447.306	447.350
	7323.000	- 27.342	447.869	447.913
	7323.000	- 20.118	448.194	448.238
	7323.000	- 12.895	448.403	448.448
	7323.000	- 5.671	448.613	448.658
	7323.000	1.553	448.823	448.868
	7323.000	8.776	449.033	449.077
	7323.000	16.000	449.243	449.287

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
129.0	7357.666	- 52.909	446.747	446.747
	7357.666	- 45.253	447.340	447.340
	7357.666	- 37.596	447.933	447.933
	7357.666	- 29.940	448.526	448.526
	7357.666	- 22.283	448.766	448.766
	7357.666	- 14.626	448.889	448.889
	7357.666	- 6.970	449.013	449.013
	7357.666	.687	449.136	449.136
	7357.666	8.343	449.259	449.259
	7357.666	16.000	449.382	449.382

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
119.5	7163.000	- 36.917	444.683	444.716
	7163.000	- 31.098	445.105	445.137
	7163.000	- 25.217	445.530	445.563
	7163.000	- 19.336	445.956	445.988
	7163.000	- 13.455	446.382	446.414
	7163.000	- 7.574	446.808	446.840
	7163.000	- 1.694	447.233	447.266
	7163.000	4.187	447.659	447.691
	7163.000	10.068	448.085	448.117
	7163.000	16.000	448.514	448.547

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
121.5	7205.667	- 39.714	444.755	444.811
	7205.667	- 33.569	445.200	445.256
	7205.667	- 27.377	445.648	445.704
	7205.667	- 21.186	446.097	446.152
	7205.667	- 14.995	446.545	446.600
	7205.667	- 8.803	446.993	447.049
	7205.667	- 2.612	447.441	447.497
	7205.667	3.579	447.890	447.945
	7205.667	9.770	448.338	448.393
	7205.667	16.000	448.789	448.844

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
123.5	7248.333	- 42.679	445.032	445.038
	7248.333	- 36.306	445.535	445.541
	7248.333	- 29.783	446.050	446.056
	7248.333	- 23.259	446.566	446.572
	7248.333	- 16.735	447.061	447.066
	7248.333	- 10.212	447.439	447.444
	7248.333	- 3.688	447.817	447.823
	7248.333	2.837	448.196	448.201
	7248.333	9.361	448.574	448.579
	7248.333	16.000	448.959	448.964

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
125.5	7291.000	- 45.927	445.665	445.691
	7291.000	- 39.102	446.199	446.226
	7291.000	- 32.214	446.739	446.765
	7291.000	- 25.327	447.279	447.305
	7291.000	- 18.439	447.702	447.728
	7291.000	- 11.551	447.984	448.011
	7291.000	- 4.663	448.267	448.293
	7291.000	2.224	448.549	448.576
	7291.000	9.112	448.832	448.858
	7291.000	16.000	449.114	449.141

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
127.5	7333.667	- 50.106	446.357	446.394
	7333.667	- 42.796	446.925	446.963
	7333.667	- 35.448	447.497	447.534
	7333.667	- 28.098	448.069	448.106
	7333.667	- 20.749	448.365	448.402
	7333.667	- 13.399	448.549	448.586
	7333.667	- 6.049	448.733	448.770
	7333.667	1.301	448.917	448.955
	7333.667	8.650	449.101	449.139
	7333.667	16.000	449.286	449.323

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
120.0	7173.667	- 37.601	444.690	444.736
	7173.667	- 31.761	445.112	445.159
	7173.667	- 25.803	445.544	445.590
	7173.667	- 19.845	445.975	446.021
	7173.667	- 13.887	446.406	446.453
	7173.667	- 7.930	446.838	446.884
	7173.667	- 1.972	447.269	447.315
	7173.667	3.986	447.700	447.747
	7173.667	9.943	448.132	448.178
	7173.667	16.000	448.570	448.617

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
122.0	7216.333	- 40.439	444.785	444.831
	7216.333	- 34.244	445.236	445.283
	7216.333	- 27.971	445.691	445.737
	7216.333	- 21.699	446.144	446.190
	7216.333	- 15.426	446.619	446.665
	7216.333	- 9.154	447.067	447.113
	7216.333	- 2.882	447.515	447.560
	7216.333	3.391	447.962	448.009
	7216.333	9.663	448.410	448.456
	7216.333	16.000	448.862	448.908

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
124.0	7259.000	- 43.446	445.166	445.166
	7259.000	- 37.019	445.672	445.672
	7259.000	- 30.409	446.193	446.193
	7259.000	- 23.799	446.714	446.714
	7259.000	- 17.188	447.218	447.218
	7259.000	- 10.578	447.572	447.572
	7259.000	- 3.967	447.926	447.926
	7259.000	2.644	448.280	448.280
	7259.000	9.256	448.634	448.634
	7259.000	16.000	448.995	448.995

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
126.0	7301.667	- 46.875	445.838	445.875
	7301.667	- 39.998	446.375	446.413
	7301.667	- 32.998	446.923	446.961
	7301.667	- 25.998	447.470	447.508
	7301.667	- 18.999	447.861	447.899
	7301.667	- 11.999	448.120	448.158
	7301.667	- 4.999	448.380	448.417
	7301.667	2.001	448.639	448.677
	7301.667	9.000	448.898	448.936
	7301.667	16.000	449.157	449.195

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
128.0	7344.333	- 51.311	446.530	446.554
	7344.333	- 43.689	447.106	447.130
	7344.333	- 36.403	447.687	447.711
	7344.333	- 28.917	448.269	448.292
	7344.333	- 21.431	448.540	448.563
	7344.333	- 13.945	448.698	448.721
	7344.333	- 6.458	448.855	448.879
	7344.333	1.028	449.013	449.036
	7344.333	8.514	449.171	449.194
	7344.333	16.000	449.328	449.352

D BY R.M.R.
BY A.J.C.
C BY A.S.
ED BY K.A.

Note:
For No'les see Sh. No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D24 AND D25
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 | ST. CLAIR CO. | SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 149 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	203
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
130.0	7360.334	- 16.000	448.910	448.910
	7360.334	- 8.000	449.031	449.031
	7360.334	- .000	449.151	449.151
	7360.334	8.000	449.272	449.272
	7360.334	16.000	449.393	449.393

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
130.5	7367.417	- 16.000	449.023	449.040
	7367.417	- 8.000	449.123	449.139
	7367.417	- .000	449.222	449.238
	7367.417	8.000	449.322	449.338
	7367.417	16.000	449.421	449.437

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
131.0	7374.500	- 16.000	449.137	449.167
	7374.500	- 8.000	449.215	449.245
	7374.500	- .000	449.293	449.323
	7374.500	8.000	449.371	449.401
	7374.500	16.000	449.449	449.480

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
131.5	7383.750	- 16.000	449.254	449.327
	7383.750	- 8.000	449.335	449.378
	7383.750	- .000	449.386	449.428
	7383.750	8.000	449.436	449.479
	7383.750	16.000	449.487	449.529

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
132.0	7393.000	- 16.000	449.432	449.481
	7393.000	- 8.000	449.455	449.504
	7393.000	- .000	449.478	449.527
	7393.000	8.000	449.501	449.550
	7393.000	16.000	449.524	449.573

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
132.5	7402.250	- 16.000	449.580	449.629
	7402.250	- 8.000	449.575	449.624
	7402.250	- .000	449.5.1	449.619
	7402.250	8.000	449.566	449.614
	7402.250	16.000	449.561	449.610

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
133.0	7411.500	- 16.000	449.728	449.770
	7411.500	- 8.000		449.738
	7411.500	- .000	449.663	449.705
	7411.500	8.000	449.630	449.673
	7411.500	16.000	449.598	449.640

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
133.5	7420.750	- 16.000	449.876	449.907
	7420.750	- 8.000	449.816	449.846
	7420.750	- .000	449.756	449.786
	7420.750	8.000	449.695	449.726
	7420.750	16.000	449.635	449.666

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
134.0	7430.000	- 16.000	450.024	450.042
	7430.000	- 8.000	449.936	449.954
	7430.000	- .000	449.848	449.866
	7430.000	8.000	449.760	449.778
	7430.000	16.000	449.672	449.690

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
134.5	7439.250	- 16.000	450.172	450.178
	7439.250	- 8.000	450.056	450.063
	7439.250	- .000	449.941	449.947
	7439.250	8.000	449.825	449.831
	7439.250	16.000	449.709	449.716

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
135.0	7448.500	- 16.000	450.320	450.320
	7448.500	- 8.000	450.176	450.176
	7448.500	- .000	450.033	450.033
	7448.500	8.000	449.890	449.890
	7448.500	16.000	449.746	449.746

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
135.5	7457.750	- 16.000	450.468	450.474
	7457.750	- 8.000	450.297	450.303
	7457.750	- .000	450.126	450.132
	7457.750	8.000	449.954	449.961
	7457.750	16.000	449.783	449.790

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
136.0	7467.000	- 16.000	450.615	450.633
	7467.000	- 8.000	450.417	450.434
	7467.000	- .000	450.218	450.236
	7467.000	8.000	450.019	450.037
	7467.000	16.000	449.821	449.838

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
136.5	7476.250	- 16.000	450.763	450.794
	7476.250	- 8.000	450.537	450.568
	7476.250	- .000	450.311	450.341
	7476.250	8.000	450.084	450.115
	7476.250	16.000	449.858	449.888

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
137.0	7485.500	- 16.000	450.911	450.953
	7485.500	- 8.000	450.657	450.699
	7485.500	- .000	450.403	450.445
	7485.500	8.000	450.149	450.191
	7485.500	16.000	449.895	449.937

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
137.5	7494.750	- 16.000	451.059	451.108
	7494.750	- 8.000	450.777	450.826
	7494.750	- .000	450.496	450.544
	7494.750	8.000	450.214	450.262
	7494.750	15.000	449.932	449.981

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
138.0	7504.000	- 16.000	451.207	451.256
	7504.000	- 8.000	450.897	450.947
	7504.000	- .000	450.588	450.637
	7504.000	8.000	450.279	450.328
	7504.000	16.000	449.969	450.018

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
138.5	7513.250	- 16.000	451.355	451.398
	7513.250	- 8.000	451.018	451.061
	7513.250	- .000	450.681	450.723
	7513.250	8.000	450.343	450.386
	7513.250	16.000	450.006	450.049

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
139.0	7522.500	- 16.000	451.503	451.533
	7522.500	- 8.000	451.138	451.168
	7522.500	- .000	450.773	450.803
	7522.500	8.000	450.408	450.438
	7522.500	16.000	450.043	450.073

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
139.5	7529.583	- 16.000	451.616	451.632
	7529.583	- 8.000	451.230	451.246
	7529.583	- .000	450.844	450.860
	7529.583	8.000	450.458	450.474
	7529.583	16.000	450.072	450.088

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
140.0	7536.666	- 16.000	451.729	451.729
	7536.666	- 8.000	451.322	451.322
	7536.666	- .000	450.915	450.915
	7536.666	8.000	450.507	450.507
	7536.666	16.000	450.100	450.100

Note: For Notes see Sheet No. 126

SIGNED BY R.M.R.
AWN BY A.J.C.
ECKED BY A.S.
PROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS D26 AND D27
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 150 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	204
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
141.0	7539.334	- 16.000	451.772	451.772
	7539.334	- 8.000	451.357	451.357
	7539.334	.000	450.941	450.941
	7539.334	8.000	450.526	450.526
	7539.334	16.000	450.111	450.111

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
141.5	7545.238	- 16.000	451.868	451.880
	7545.238	- 7.967	451.432	451.444
	7545.238	.033	450.999	451.011
	7545.238	8.032	450.565	450.577
	7545.238	16.000	450.145	450.145

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
142.0	7551.143	- 16.000	451.966	451.990
	7551.143	- 7.974	451.511	451.535
	7551.143	.025	451.058	451.082
	7551.143	8.025	450.605	450.628
	7551.143	16.000	450.153	450.176

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
142.5	7558.929	- 16.000	452.096	452.130
	7558.929	- 7.961	451.614	451.651
	7558.929	.039	451.135	451.171
	7558.929	8.039	450.656	450.692
	7558.929	16.000	450.179	450.215

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
143.0	7566.714	- 16.000	452.226	452.272
	7566.714	- 7.962	451.718	451.765
	7566.714	.037	451.213	451.259
	7566.714	8.037	450.707	450.754
	7566.714	16.000	450.204	450.251

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
143.5	7576.500	- 16.000	452.389	452.442
	7576.500	- 7.944	451.847	451.900
	7576.500	.055	451.309	451.362
	7576.500	8.055	450.771	450.824
	7576.500	16.000	450.237	450.290

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
144.0	7586.286	- 16.000	452.552	452.606
	7586.286	- 7.953	451.978	452.032
	7586.286	.047	451.408	451.461
	7586.286	8.046	450.837	450.890
	7586.286	16.000	450.270	450.323

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
144.5	7596.072	- 16.000	452.715	452.763
	7596.072	- 7.944	452.108	452.156
	7596.072	.055	451.505	451.552
	7596.072	8.055	450.901	450.949
	7596.072	16.000	450.302	450.350

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
145.0	7605.857	- 16.000	452.879	452.916
	7605.857	- 7.953	452.239	452.277
	7605.857	.047	451.603	451.641
	7605.857	8.046	450.967	451.005
	7605.857	16.000	450.335	450.372

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
145.5	7615.643	- 16.000	452.984	453.010
	7615.643	- 7.944	452.340	452.365
	7615.643	.055	451.700	451.725
	7615.643	8.055	451.060	451.085
	7615.643	16.000	450.424	450.450

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
146.0	7625.429	- 16.000	453.082	453.095
	7625.429	- 7.953	452.439	452.452
	7625.429	.047	451.799	451.812
	7625.429	8.046	451.159	451.172
	7625.429	16.000	450.522	450.535

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
146.5	7635.214	- 16.000	453.180	453.184
	7635.214	- 7.944	452.536	452.540
	7635.214	.055	451.896	451.900
	7635.214	8.055	451.256	451.260
	7635.214	16.000	450.620	450.624

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
147.0	7645.000	- 16.000	453.278	453.278
	7645.000	- 7.953	452.634	452.634
	7645.000	.047	451.994	451.994
	7645.000	8.046	451.354	451.354
	7645.000	16.000	450.718	450.718

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
147.5	7654.786	- 16.000	453.376	453.380
	7654.786	- 7.944	452.731	452.736
	7654.786	.055	452.091	452.096
	7654.786	8.055	451.451	451.456
	7654.786	16.000	450.816	450.820

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
148.0	7664.571	- 16.000	453.474	453.489
	7664.571	- 7.953	452.830	452.845
	7664.571	.047	452.190	452.205
	7664.571	8.046	451.550	451.565
	7664.571	16.000	450.914	450.929

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
148.5	7674.357	- 16.000	453.572	453.600
	7674.357	- 7.944	452.927	452.956
	7674.357	.055	452.287	452.316
	7674.357	8.055	451.647	451.676
	7674.357	16.000	451.012	451.040

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
149.0	7684.143	- 16.000	453.669	453.713
	7684.143	- 7.953	453.026	453.069
	7684.143	.047	452.386	452.429
	7684.143	8.046	451.746	451.789
	7684.143	16.000	451.109	451.153

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
149.5	7693.929	- 16.000	453.767	453.823
	7693.929	- 7.944	453.123	453.179
	7693.929	.055	452.483	452.539
	7693.929	8.055	451.843	451.899
	7693.929	16.000	451.207	451.263

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
150.0	7703.714	- 16.000	453.865	453.930
	7703.714	- 7.953	453.221	453.286
	7703.714	.047	452.581	452.646
	7703.714	8.046	451.941	452.006
	7703.714	16.000	451.305	451.370

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
150.5	7713.500	- 16.000	453.963	454.031
	7713.500	- 7.944	453.319	453.386
	7713.500	.055	452.679	452.746
	7713.500	8.055	452.039	452.106
	7713.500	16.000	451.403	451.471

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
151.0	7723.286	- 16.000	454.061	454.124
	7723.286	- 7.953	453.417	453.481
	7723.286	.047	452.777	452.841
	7723.286	8.046	452.137	452.201
	7723.286	16.000	451.501	451.564

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
151.5	7733.071	- 16.000	454.159	454.213
	7733.071	- 7.944	453.514	453.568
	7733.071	.055	452.874	452.928
	7733.071	8.055	452.234	452.288
	7733.071	16.000	451.599	451.653

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
152.0	7742.857	- 16.000	454.257	454.297
	7742.857	- 7.953	453.613	453.654
	7742.857	.047	452.973	453.014
	7742.857	8.046	452.333	452.374
	7742.857	16.000	451.697	451.737

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
152.5	7752.643	- 16.000	454.354	454.381
	7752.643	- 7.944	453.710	453.736
	7752.643	.055	453.070	453.096
	7752.643	8.055	452.430	452.456
	7752.643	16.000	451.794	451.821

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
153.0	7762.429	- 16.000	454.452	454.465
	7762.429	- 7.953	453.809	453.821
	7762.429	.047	453.169	453.181
	7762.429	8.046	452.529	452.541
	7762.429	16.000	451.892	451.905

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
153.5	7772.214	- 16.000	454.550	454.554
	7772.214	- 7.944	453.906	453.909
	7772.214	.055	453.266	453.269
	7772.214	8.055	452.626	452.629
	7772.214	16.000	451.990	451.994

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
154.0	7782.000	- 16.000	454.648	454.648
	7782.000	- 7.953	454.004	454.004
	7782.000	.047	453.364	453.364
	7782.000	8.046	452.724	452.724
	7782.000	16.000	452.088	452.088

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
154.5	7791.786	- 16.000	454.746	454.747
	7791.786	- 7.944	454.101	454.103
	7791.786	.055	453.461	453.463
	7791.786	8.055	452.821	452.823
	7791.786	16.000	452.186	452.187

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
155.0	7801.571	- 16.000	454.844	454.852
	7801.571	- 7.953	454.200	454.208
	7801.571	.047	453.560	453.568
	7801.571	8.046	452.920	452.928
	7801.571	16.000	452.284	452.292

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
155.5	7811.357	- 16.000	454.942	454.961
	7811.357	- 7.944	454.297	454.316
	7811.357	.056	453.657	453.676
	7811.357	8.055	453.017	453.037
	7811.357	16.000	452.382	452.401

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
156.0	7821.143	- 16.000	455.033	455.071
	7821.143	- 7.953	454.396	454.428
	7821.143	.047	453.756	453.788
	7821.143	8.046	453.116	453.148
	7821.143	16.000	452.479	452.511

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
156.5	7830.929	- 16.000	455.137	455.181
	7830.929	- 7.944	454.493	454.536
	7830.929	.056	453.853	453.897
	7830.929	8.055	453.213	453.257
	7830.929	16.000	452.577	452.621

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
157.0	7840.714	- 16.000	455.235	455.287
	7840.714	- 7.953	454.591	454.643
	7840.714	.047	453.951	454.003
	7840.714	8.046	453.311	453.363
	7840.714	16.000	452.675	452.727

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
157.5	7850.500	- 16.000	455.333	455.388
	7850.500	- 7.944	454.689	454.744
	7850.500	.055	454.049	454.104
	7850.500	8.055	453.409	453.464
	7850.500	16.000	452.773	452.828

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
158.0	7860.286	- 16.000	455.431	455.483
	7860.286	- 7.953	454.787	454.839
	7860.286	.047	454.147	454.199
	7860.286	8.046	453.507	453.559
	7860.286	16.000	452.871	452.923

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
158.5	7870.071	- 16.000	455.529	455.572
	7870.071	- 7.944	454.884	454.928
	7870.071	.055	454.244	454.288
	7870.071	8.055	453.604	453.648
	7870.071	16.000	452.969	453.012

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
159.0	7879.857	- 16.000	455.627	455.659
	7879.857	- 7.953	454.983	455.015
	7879.857	.047	454.343	454.375
	7879.857	8.046	453.703	453.735
	7879.857	16.000	453.067	453.099

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
159.5	7889.643	- 16.000	455.724	455.744
	7889.643	- 7.944	455.080	455.099
	7889.643	.055	454.440	454.459
	7889.643	8.055	453.800	453.819
	7889.643	16.000	453.164	453.184

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
160.0	7899.429	- 16.000	455.822	455.831
	7899.429	- 7.953	455.179	455.187
	7899.429	.047	454.539	454.547
	7899.429	8.046	453.899	453.907
	7899.429	16.000	453.262	453.271

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
160.5	7909.214	- 16.000	455.920	455.921
	7909.214	- 7.944	455.276	455.277
	7909.214	.055	454.636	454.637
	7909.214	8.055	453.996	453.997
	7909.214	16.000	453.360	453.361

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

Note: For Notes see Sheet No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS D28 THRU D30

POPLAR STREET BRIDGE APPROACHES

ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 151 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	205
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
161.0	7919.000	- 16.000	456.018	456.018
	7919.000	- 7.953	455.374	455.374
	7919.000	.047	454.734	454.734
	7919.000	8.046	454.094	454.094
	7919.000	16.000	453.458	453.458

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
161.5	7928.786	- 16.000	456.116	456.119
	7928.786	- 7.944	455.471	455.475
	7928.786	.055	454.831	454.835
	7928.786	8.055	454.191	454.195
	7928.786	16.000	453.556	453.559

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
162.0	7938.571	- 16.000	456.214	456.227
	7938.571	- 7.953	455.570	455.583
	7938.571	.047	454.930	454.943
	7938.571	8.046	454.290	454.303
	7938.571	16.000	453.654	453.667

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
162.5	7948.357	- 16.000	456.312	456.338
	7948.357	- 7.944	455.667	455.693
	7948.357	.055	455.027	455.053
	7948.357	8.055	454.387	454.413
	7948.357	16.000	453.752	453.778

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
163.0	7958.143	- 16.000	456.409	456.450
	7958.143	- 7.953	455.766	455.806
	7958.143	.047	455.126	455.167
	7958.143	8.046	454.486	454.527
	7958.143	16.000	453.849	453.890

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
163.5	7967.928	- 16.000	456.507	456.561
	7967.928	- 7.944	455.863	455.917
	7967.928	.055	455.223	455.277
	7967.928	8.055	454.583	454.637
	7967.928	16.000	453.947	454.001

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
164.0	7977.714	- 16.000	456.605	456.659
	7977.714	- 7.953	455.961	456.025
	7977.714	.047	455.321	455.385
	7977.714	8.046	454.681	454.745
	7977.714	16.000	454.045	454.109

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
164.5	7987.500	- 16.000	456.703	456.771
	7987.500	- 7.944	456.059	456.126
	7987.500	.055	455.419	455.486
	7987.500	8.055	454.779	454.846
	7987.500	16.000	454.143	454.211

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
165.0	7997.286	- 16.000	456.801	456.865
	7997.286	- 7.953	456.157	456.222
	7997.286	.047	455.517	455.582
	7997.286	8.046	454.877	454.942
	7997.286	16.000	454.241	454.305

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
165.5	8007.071	- 16.000	456.899	456.955
	8007.071	- 8.022	456.260	456.316
	8007.071	- .022	455.620	455.676
	8007.071	7.978	454.980	455.036
	8007.071	16.000	454.339	454.395

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
166.0	8016.857	- 16.000	456.997	457.040
	8016.857	- 8.169	456.370	456.413
	8016.857	- .167	455.730	455.773
	8016.857	7.834	455.090	455.133
	8016.857	16.000	454.437	454.480

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
166.5	8026.643	- 16.000	457.094	457.123
	8026.643	- 7.944	456.450	456.478
	8026.643	.055	455.810	455.839
	8026.643	8.055	455.170	455.199
	8026.643	16.000	454.534	454.563

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
167.0	8036.428	- 16.000	457.192	457.207
	8036.428	- 7.953	456.549	456.563
	8036.428	.047	455.909	455.923
	8036.428	8.046	455.269	455.283
	8036.428	16.000	454.632	454.647

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
167.5	8046.214	- 16.000	457.290	457.295
	8046.214	- 7.944	456.646	456.650
	8046.214	.055	456.006	456.010
	8046.214	8.055	455.366	455.370
	8046.214	16.000	454.730	454.735

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
168.0	8056.000	- 16.000	457.388	457.388
	8056.000	- 7.953	456.744	456.744
	8056.000	.047	456.104	456.104
	8056.000	8.046	455.464	455.464
	8056.000	16.000	454.828	454.828

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
168.5	8065.786	- 16.000	457.486	457.490
	8065.786	- 7.944	456.841	456.845
	8065.786	.055	456.201	456.205
	8065.786	8.055	455.561	455.566
	8065.786	16.000	454.926	454.930

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
169.0	8075.571	- 16.000	457.583	457.597
	8075.571	- 7.953	456.940	456.953
	8075.571	.047	456.300	456.313
	8075.571	8.046	455.660	455.673
	8075.571	16.000	455.023	455.037

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
169.5	8085.357	- 16.000	457.675	457.700
	8085.357	- 7.944	457.030	457.055
	8085.357	.055	456.390	456.415
	8085.357	8.055	455.750	455.775
	8085.357	16.000	455.115	455.140

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
170.0	8095.143	- 16.000	457.756	457.794
	8095.143	- 7.953	457.112	457.150
	8095.143	.047	456.472	456.510
	8095.143	8.046	455.832	455.870
	8095.143	16.000	455.196	455.234

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
170.5	8104.929	- 16.000	457.828	457.876
	8104.929	- 7.944	457.185	457.231
	8104.929	.055	456.543	456.591
	8104.929	8.055	455.904	455.951
	8104.929	16.000	455.268	455.316

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
171.0	8114.714	- 16.000	457.890	457.944
	8114.714	- 7.953	457.246	457.300
	8114.714	.047	456.606	456.660
	8114.714	8.046	455.967	456.020
	8114.714	16.000	455.330	455.384

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
171.5	8124.500	- 16.000	457.943	457.996
	8124.500	- 7.948	457.299	457.352
	8124.500	.052	456.659	456.712
	8124.500	8.051	456.019	456.072
	8124.500	16.000	455.383	455.436

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
172.0	8134.286	- 16.000	457.986	458.033
	8134.286	- 7.964	457.343	457.390
	8134.286	.036	456.703	456.750
	8134.286	8.035	456.063	456.110
	8134.286	16.000	455.426	455.473

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
172.5	8142.071	- 16.000	458.014	458.050
	8142.071	- 7.936	457.368	457.405
	8142.071	.063	456.729	456.765
	8142.071	8.063	456.089	456.125
	8142.071	16.000	455.454	455.490

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
173.0	8148.857	- 16.000	458.035	458.059
	8148.857	- 7.895	457.387	457.410
	8148.857	.104	456.747	456.770
	8148.857	8.103	456.107	456.130
	8148.857	16.000	455.475	455.499

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
173.5	8155.762	- 16.000	458.047	458.060
	8155.762	- 7.922	457.401	457.413
	8155.762	.077	456.761	456.773
	8155.762	8.076	456.121	456.133
	8155.762	16.000	455.487	455.499

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
174.0	8161.696	- 16.000	458.056	458.056
	8161.681	- 8.000	457.416	457.416
	8161.666	.000	456.776	456.776
	8161.650	8.000	456.136	456.136
	8161.634	16.000	455.496	455.496

Note: For Notes see Sheet No. 126

D BY R.M.R.
BY A.J.C.
D BY A.S.
D BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D31 AND D32
POPLAR STREET BRIDGE APPROACHES
ROADWAY "D"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 152 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	206
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	7568.350	- 25.334	458.728	458.728
	7568.345	- 17.778	459.332	459.332
	7568.341	- 10.222	459.937	459.937
	7568.336	- 2.666	460.541	460.541
	7568.331	4.890	461.146	461.146
	7568.327	12.446	461.750	461.750
	7568.322	20.001	462.355	462.355
	7568.317	27.557	462.959	462.959

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	7574.000	- 25.186	458.71[illegible]	458.721
	7574.000	- 17.688	459.311	459.321
	7574.000	- 10.162	459.913	459.923
	7574.000	- 2.635	460.515	460.525
	7574.000	4.891	461.117	461.127
	7574.000	12.417	461.720	461.729
	7574.000	19.944	462.322	462.331
	7574.000	27.503	462.926	462.936

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	7579.667	- 25.039	458.695	458.713
	7579.667	- 17.584	459.291	459.310
	7579.667	- 10.087	459.891	459.909
	7579.667	- 2.590	460.491	460.509
	7579.667	4.908	461.090	461.109
	7579.667	12.405	461.690	461.709
	7579.667	19.902	462.290	462.309
	7579.667	27.446	462.894	462.912

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	7589.083	- 24.798	458.667	458.697
	7589.083	- 17.377	459.261	459.291
	7589.083	- 9.929	459.856	459.887
	7589.083	- 2.480	460.452	460.483
	7589.083	4.968	461.048	461.079
	7589.083	12.416	461.644	461.674
	7589.083	19.865	462.240	462.270
	7589.083	27.345	462.838	462.869

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	7598.500	- 24.559	458.639	458.676
	7598.500	- 17.194	459.228	459.265
	7598.500	- 9.796	459.820	459.857
	7598.500	- 2.397	460.412	460.449
	7598.500	5.001	461.004	461.040
	7598.500	12.400	461.596	461.632
	7598.500	19.799	462.188	462.224
	7598.500	27.235	462.782	462.819

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	7607.917	- 24.324	458.611	458.648
	7607.917	- 17.068	459.192	459.229
	7607.917	- 9.711	459.780	459.817
	7607.917	- 2.364	460.367	460.404
	7607.917	4.983	460.955	460.9[illegible]
	7607.917	12.350	461.543	461.580
	7607.917	19.677	462.131	462.168
	7607.917	27.117	462.7[illegible]	462.753

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	7617.333	- 24.092	458.582	458.614
	7617.333	- 16.881	459.159	459.191
	7617.333	- 9.585	459.743	459.775
	7617.333	- 2.289	460.326	460.358
	7617.333	5.007	460.910	460.942
	7617.333	12.302	461.494	461.526
	7617.333	19.598	462.077	462.109
	7617.333	26.990	462.669	462.701

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	7626.750	- 23.863	458.553	458.576
	7626.750	- 16.662	459.129	459.152
	7626.750	- 9.418	459.709	459.732
	7626.750	- 2.173	460.289	460.311
	7626.750	5.072	460.868	460.891
	7626.750	12.316	461.448	461.470
	7626.750	19.551	462.027	462.050
	7626.750	26.855	462.611	462.634

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	7636.167	- 23.638	458.524	458.537
	7636.167	- 16.487	459.096	459.109
	7636.167	- 9.295	459.672	459.684
	7636.167	- 2.104	460.247	460.259
	7636.167	5.088	460.822	460.835
	7636.167	12.280	461.398	461.410
	7636.167	19.472	461.973	461.985
	7636.167	26.711	462.552	462.564

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	7645.583	- 23.415	458.495	458.499
	7645.583	- 16.386	459.057	459.061
	7645.583	- 9.249	459.628	459.632
	7645.583	- 2.112	460.199	460.203
	7645.583	5.025	460.770	460.774
	7645.583	12.162	461.341	461.345
	7645.583	19.299	461.912	461.916
	7645.583	26.559	462.493	462.497

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	7655.000	- 23.195	458.466	458.466
	7655.000	- 16.244	459.022	459.022
	7655.000	- 9.161	459.588	459.588
	7655.000	- 2.079	460.155	460.155
	7655.000	5.003	460.721	460.721
	7655.000	12.085	461.288	461.288
	7655.000	19.168	461.855	461.855
	7655.000	26.398	462.433	462.433

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	7664.417	- 22.980	458.436	458.441
	7664.417	- 16.060	458.989	458.995
	7664.417	- 9.032	459.552	459.557
	7664.417	- 2.005	460.114	460.119
	7664.417	5.023	460.676	460.682
	7664.417	12.051	461.238	461.244
	7664.417	19.078	461.800	461.806
	7664.417	26.229	462.372	462.378

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	7673.833	- 22.767	458.406	458.422
	7673.833	- 15.835	458.960	458.976
	7673.833	- 8.862	459.518	459.534
	7673.833	- 1.889	460.076	460.092
	7673.833	5.[illegible]4	460.634	460.650
	7673.833	12.057	461.192	461.208
	7673.833	19.030	461.749	461.766
	7673.833	26.051	462.311	462.327

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	7683.250	- 22.558	458.375	458.404
	7683.250	- 15.673	458.926	458.955
	7683.250	- 8.757	459.479	459.508
	7683.250	- 1.840	460.033	460.062
	7683.250	5.077	460.586	460.615
	7683.250	11.994	461.139	461.168
	7683.250	18.911	461.693	461.722
	7683.250	25.865	462.249	462.276

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	7692.667	- 22.351	458.345	458.386
	7692.667	- 15.547	458.889	458.930
	7692.667	- 8.688	459.438	459.479
	7692.667	- 1.829	459.987	460.027
	7692.667	5.030	460.535	460.576
	7692.667	11.889	461.084	461.125
	7692.667	18.749	461.633	461.674
	7692.667	25.670	462.187	462.227

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	7702.083	- 22.148	458.314	458.363
	7702.083	- 15.379	458.855	458.904
	7702.083	- 8.578	459.400	459.449
	7702.083	- 1.776	459.944	459.993
	7702.083	5.025	460.488	460.537
	7702.083	11.827	461.032	461.081
	7702.083	18.628	461.576	461.625
	7702.083	25.487	462.123	462.172

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	7711.500	- 21.948	458.283	458.335
	7711.500	- 15.239	458.820	458.871
	7711.500	- 8.496	459.359	459.411
	7711.500	- 1.754	459.898	459.950
	7711.500	4.989	460.438	460.490
	7711.500	11.732	460.977	461.029
	7711.500	18.474	461.517	461.568
	7711.500	25.255	462.059	462.111

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	7720.917	- 21.751	458.252	458.300
	7720.917	- 15.150	458.780	458.828
	7720.917	- 8.468	459.314	459.363
	7720.917	- 1.786	459.849	459.898
	7720.917	4.896	460.383	460.432
	7720.917	11.579	460.918	460.967
	7720.917	18.261	461.453	461.501
	7720.917	25.035	461.995	462.043

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	7730.333	- 21.558	458.220	458.261
	7730.333	- 15.020	458.743	458.784
	7730.333	- 8.399	459.273	459.313
	7730.333	- 1.777	459.802	459.843
	7730.333	4.845	460.332	460.373
	7730.333	11.467	460.862	460.903
	7730.333	18.089	461.392	461.432
	7730.333	24.807	461.929	461.970

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	7739.750	- 21.368	458.188	458.217
	7739.750	- 14.850	458.710	458.738
	7739.750	- 8.288	459.234	459.263
	7739.750	- 1.726	459.759	459.788
	7739.750	4.835	460.284	460.313
	7739.750	11.397	460.809	460.838
	7739.750	17.959	461.334	461.363
	7739.750	24.570	461.863	461.892

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	7749.167	- 21.181	458.156	458.172
	7749.167	- 14.722	458.673	458.689
	7749.167	- 8.222	459.193	459.209
	7749.167	- 1.722	459.713	459.729
	7749.167	4.778	460.233	460.249
	7749.167	11.278	460.753	460.769
	7749.167	17.778	461.273	461.289
	7749.167	24.325	461.796	461.812

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	7758.583	- 20.997	458.124	458.129
	7758.583	- 14.589	458.630	458.635
	7758.583	- 8.232	459.145	459.150
	7758.583	- 1.796	459.660	459.665
	7758.583	4.640	460.175	460.180
	7758.583	11.076	460.689	460.695
	7758.583	17.513	461.204	461.210
	7758.583	24.071	461.729	461.735

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	7768.000	- 20.617	458.091	458.091
	7768.000	- 14.574	458.590	458.590
	7768.000	- 8.201	459.100	459.100
	7768.000	- 1.829	459.610	459.610
	7768.000	4.544	460.120	460.120
	7768.000	10.917	460.630	460.630
	7768.000	17.289	461.139	461.139
	7768.000	23.809	461.661	461.661

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS G1 AND G2
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 153 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	207
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
12.5	7777.417 –	20.639	458.058	458.063
	7777.417 –	14.438	458.554	458.559
	7777.417 –	8.129	459.059	459.064
	7777.417 –	1.820	459.564	459.569
	7777.417	4.490	460.068	460.074
	7777.417	10.799	460.573	460.578
	7777.417	17.108	461.078	461.083
	7777.417	23.538	461.592	461.597

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.0	7786.833 –	20.465	458.035	458.040
	7786.833 –	14.261	458.521	458.537
	7786.833 –	8.015	459.021	459.036
	7786.833 –	1.769	459.521	459.536
	7786.833	4.476	460.020	460.036
	7786.833	10.722	460.520	460.535
	7786.833	16.968	461.020	461.035
	7786.833	23.259	461.523	461.538

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
13.5	7796.250 –	20.295	457.991	458.019
	7796.250 –	14.155	458.483	458.511
	7796.250 –	7.972	458.977	459.005
	7796.250 –	1.788	459.472	459.500
	7796.250	4.395	459.967	459.995
	7796.250	10.578	460.461	460.489
	7796.250	16.762	460.956	460.984
	7796.250	22.981	461.454	461.482

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.0	7805.667 –	20.127	457.958	457.998
	7805.667 –	14.090	458.441	458.481
	7805.667 –	7.969	458.930	458.971
	7805.667 –	1.847	459.420	459.460
	7805.667	4.274	459.910	459.950
	7805.667	10.396	460.400	460.440
	7805.667	16.517	460.889	460.930
	7805.667	22.708	461.385	461.425

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
14.5	7815.083 –	19.963	457.924	457.973
	7815.083 –	13.985	458.402	458.451
	7815.083 –	7.925	458.887	458.936
	7815.083 –	1.865	459.372	459.421
	7815.083	4.195	459.857	459.905
	7815.083	10.254	460.341	460.390
	7815.083	16.314	460.826	460.875
	7815.083	22.441	461.316	461.365

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.0	7824.500 –	19.803	457.890	457.942
	7824.500 –	13.838	458.367	458.419
	7824.500 –	7.840	458.847	458.899
	7824.500 –	1.842	459.327	459.379
	7824.500	4.157	459.806	459.858
	7824.500	10.155	460.286	460.339
	7824.500	16.153	460.766	460.819
	7824.500	22.179	461.248	461.301

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
15.5	7833.917 –	19.645	457.855	457.905
	7833.917 –	13.739	458.328	458.378
	7833.917 –	7.800	458.803	458.853
	7833.917 –	1.861	459.278	459.328
	7833.917	4.078	459.753	459.803
	7833.917	10.017	460.228	460.278
	7833.917	15.956	460.703	460.753
	7833.917	21.922	461.181	461.231

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.0	7843.333 –	19.491	457.820	457.863
	7843.333 –	13.664	458.287	458.329
	7843.333 –	7.782	458.757	458.800
	7843.333 –	1.901	459.228	459.270
	7843.333	3.981	459.698	459.741
	7843.333	9.863	460.169	460.211
	7843.333	15.744	460.639	460.682
	7843.333	21.671	461.113	461.156

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
16.5	7852.750 –	19.340	457.785	457.816
	7852.750 –	13.548	458.249	458.280
	7852.750 –	7.724	458.715	458.746
	7852.750 –	1.899	459.181	459.211
	7852.750	3.825	459.647	459.677
	7852.750	9.750	460.113	460.143
	7852.750	15.574	460.579	460.609
	7852.750	21.425	461.047	461.077

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.0	7862.167 –	19.192	457.750	457.768
	7862.167 –	13.465	458.208	458.226
	7862.167 –	7.695	458.670	458.688
	7862.167 –	1.926	459.131	459.149
	7862.167	3.843	459.593	459.611
	7862.167	9.612	460.055	460.072
	7862.167	15.382	460.516	460.534
	7862.167	21.185	460.980	460.998

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
17.5	7871.583 –	19.048	457.715	457.721
	7871.583 –	13.439	458.163	458.170
	7871.583 –	7.722	458.621	458.627
	7871.583 –	2.006	459.078	459.085
	7871.583	3.711	459.535	459.542
	7871.583	9.428	459.993	459.999
	7871.583	15.145	460.450	460.457
	7871.583	20.950	460.914	460.921

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.0	7881.000 –	18.907	457.679	457.679
	7881.000 –	13.373	458.122	458.122
	7881.000 –	7.708	458.575	458.575
	7881.000 –	2.044	459.028	459.028
	7881.000	3.620	459.481	459.481
	7881.000	9.285	459.934	459.934
	7881.000	14.949	460.387	460.387
	7881.000	20.721	460.849	460.849

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.5	7890.417 –	18.769	457.643	457.645
	7890.417 –	13.265	458.083	458.086
	7890.417 –	7.653	458.532	458.535
	7890.417 –	2.041	458.981	458.984
	7890.417	3.711	459.430	459.433
	7890.417	9.183	459.879	459.882
	7890.417	14.796	460.328	460.331
	7890.417	20.496	460.784	460.787

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
19.0	7899.833 –	18.635	457.606	457.616
	7899.833 –	13.116	458.048	458.058
	7899.833 –	7.556	458.493	458.503
	7899.833 –	1.996	458.938	458.947
	7899.833	3.564	459.382	459.392
	7899.833	9.124	459.827	459.837
	7899.833	14.684	460.272	460.282
	7899.833	20.278	460.719	460.729

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
19.5	7909.250 –	18.504	457.570	457.585
	7909.250 –	13.036	458.007	458.026
	7909.250 –	7.526	458.448	458.467
	7909.250 –	2.015	458.889	458.908
	7909.250	3.496	459.330	459.349
	7909.250	9.007	459.771	459.790
	7909.250	14.518	460.212	460.231
	7909.250	20.085	460.655	460.674

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
20.0	7918.667 –	18.376	457.533	457.560
	7918.667 –	12.996	457.963	457.991
	7918.667 –	7.533	458.401	458.428
	7918.667 –	2.069	458.838	458.865
	7918.667	3.395	459.275	459.302
	7918.667	8.859	459.712	459.739
	7918.667	14.323	460.149	460.176
	7918.667	19.857	460.592	460.619

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
20.5	7928.083 –	18.251	457.496	457.528
	7928.083 –	12.915	457.923	457.955
	7928.083 –	7.498	458.356	458.388
	7928.083 –	2.081	458.790	458.822
	7928.083	3.336	459.223	459.255
	7928.083	8.753	459.656	459.689
	7928.083	14.170	460.090	460.122
	7928.083	19.654	460.528	460.561

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
21.0	7937.500 –	18.130	457.459	457.491
	7937.500 –	12.793	457.885	457.918
	7937.500 –	7.423	458.315	458.348
	7937.500 –	2.052	458.745	458.777
	7937.500	3.318	459.174	459.207
	7937.500	8.689	459.604	459.637
	7937.500	14.059	460.034	460.066
	7937.500	19.457	460.466	460.498

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
21.5	7946.917 –	18.012	457.421	457.448
	7946.917 –	12.714	457.845	457.872
	7946.917 –	7.388	458.271	458.298
	7946.917 –	2.062	458.697	458.724
	7946.917	3.264	459.123	459.150
	7946.917	8.590	459.549	459.576
	7946.917	13.917	459.975	460.002
	7946.917	19.266	460.403	460.430

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
22.0	7956.333 –	17.898	457.383	457.400
	7956.333 –	12.656	457.802	457.819
	7956.333 –	7.373	458.225	458.242
	7956.333 –	2.089	458.648	458.665
	7956.333	3.194	459.070	459.087
	7956.333	8.478	459.493	459.510
	7956.333	13.762	459.916	459.933
	7956.333	19.080	460.341	460.358

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
22.5	7962.000 –	17.831	457.360	457.389
	7962.000 –	12.602	457.778	457.787
	7962.000 –	7.344	458.199	458.208
	7962.000 –	2.086	458.620	458.629
	7962.000	3.172	459.040	459.049
	7962.000	8.430	459.461	459.470
	7962.000	13.689	459.882	459.891
	7962.000	18.970	460.304	460.313

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
23.0	7967.655 –	17.765	457.337	457.337
	7967.658 –	12.532	457.756	457.756
	7967.661 –	7.300	458.174	458.174
	7967.664 –	2.067	458.593	458.593
	7967.668	3.165	459.011	459.011
	7967.671	8.398	459.430	459.430
	7967.674	13.630	459.849	459.849
	7967.677	18.863	460.267	460.267

Note: For Notes see Sheet No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS G3 AND G4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 154 OF 526

CHECKED BY R.M.R.
CHECKED BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	208
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
24.0	7970.345	- 17.734	457.326	457.326
	7970.341	- 10.424	457.911	457.911
	7970.336	- 3.115	458.496	458.496
	7970.332	4.195	459.080	459.080
	7970.327	11.504	459.665	459.665
	7970.323	18.814	460.250	460.250

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
24.5	7976.500	- 17.664	457.301	457.311
	7976.500	- 10.421	457.880	457.891
	7976.500	- 3.147	458.462	458.473
	7976.500	4.127	459.044	459.055
	7976.500	11.400	459.626	459.637
	7976.500	18.700	460.210	460.921

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
25.0	7982.667	- 17.595	457.276	457.285
	7982.667	- 10.401	457.851	457.871
	7982.667	- 3.163	458.430	458.450
	7982.667	4.076	459.009	459.029
	7982.667	11.314	459.588	459.608
	7982.667	18.589	460.170	460.190

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
25.5	7991.833	- 17.496	457.238	457.268
	7991.833	- 10.338	457.810	457.841
	7991.833	- 3.152	458.385	458.415
	7991.833	4.034	458.960	458.990
	7991.833	11.219	459.535	459.565
	7991.833	18.428	460.112	460.142

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
26.0	8001.000	- 17.400	457.200	457.235
	8001.000	- 10.297	457.768	457.803
	8001.000	- 3.162	458.339	458.374
	8001.000	3.974	458.909	458.945
	8001.000	11.110	459.480	459.516
	8001.000	18.272	460.053	460.089

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
26.5	8010.167	- 17.307	457.161	457.196
	8010.167	- 10.296	457.722	457.757
	8010.167	- 3.206	458.289	458.324
	8010.167	3.881	458.856	458.891
	8010.167	10.969	459.423	459.458
	8010.167	18.121	459.995	460.030

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
27.0	8019.333	- 17.218	457.122	457.153
	8019.333	- 10.256	457.679	457.710
	8019.333	- 3.215	458.243	458.273
	8019.333	3.827	458.806	458.836
	8019.333	10.868	459.369	459.400
	8019.333	17.976	459.93[illegible]	459.9[illegible]

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
27.5	8028.500	- 17.131	457.084	457.105
	8028.500	- 10.177	457.640	457.661
	8028.500	- 3.182	458.199	458.221
	8028.500	3.812	458.759	458.781
	8028.500	10.857	459.319	459.340
	8028.500	17.835	459.881	459.902

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
28.0	8037.667	- 17.048	457.044	457.056
	8037.667	- 10.138	457.597	457.609
	8037.667	- 3.187	458.153	458.165
	8037.667	3.765	458.709	458.721
	8037.667	10.716	459.265	459.277
	8037.667	17.700	459.824	459.836

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
28.5	8046.833	- 16.968	457.005	457.009
	8046.833	- 10.160	457.550	457.554
	8046.833	- 3.249	458.102	458.107
	8046.833	3.662	458.655	458.659
	8046.833	10.574	459.208	459.212
	8046.833	17.570	459.768	459.772

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
29.0	8056.000	- 16.891	456.965	456.965
	8056.000	- 10.144	457.505	457.505
	8056.000	- 3.272	458.055	458.055
	8056.000	3.599	458.605	458.605
	8056.000	10.471	459.154	459.154
	8056.000	17.445	459.712	459.712

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
29.5	8065.167	- 16.817	456.925	456.930
	8065.167	- 10.089	457.464	457.468
	8065.167	- 3.256	458.010	458.015
	8065.167	3.576	458.557	458.561
	8065.167	10.408	459.103	459.108
	8065.167	17.325	459.657	459.661

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.0	8074.333	- 16.746	456.885	456.898
	8074.333	- 9.994	457.425	457.438
	8074.333	- 3.201	457.[illegible]	457.982
	8074.333	3.592	458.512	458.525
	8074.333	10.384	459.056	459.069
	8074.333	17.211	459.602	459.615

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.5	8083.500	- 16.679	456.845	456.868
	8083.500	- 9.962	457.382	457.405
	8083.500	- 3.205	457.923	457.946
	8083.500	3.553	458.463	458.487
	8083.500	10.310	459.004	459.027
	8083.500	17.101	459.547	459.570

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
31.0	8192.667	- 16.121	456.344	456.333
	8192.667	- 7.513	457.032	457.021
	8192.667	- 1.132	457.543	457.532
	8192.667	5.249	458.053	458.042
	8192.667	11.630	458.564	458.553
	8192.667	18.196	458.929	458.918

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
31.5	8101.833	- 16.554	456.763	456.803
	8101.833	- 9.938	457.292	457.332
	8101.833	- 3.245	457.828	457.867
	8101.833	3.448	458.363	458.403
	8101.833	10.141	458.899	458.938
	8101.833	16.898	459.439	459.479

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
32.0	8111.000	- 16.496	456.722	456.764
	8111.000	- 9.867	457.252	457.294
	8111.000	- 3.206	457.785	457.827
	8111.000	3.455	458.318	458.360
	8111.000	10.116	458.851	458.893
	8111.000	16.804	459.386	459.428

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
32.5	8120.167	- 16.441	456.681	456.720
	8120.167	- 9.839	457.209	457.248
	8120.167	- 3.207	457.739	457.778
	8120.167	3.426	458.270	458.309
	8120.167	10.058	458.800	458.840
	8120.167	16.715	459.333	459.372

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
33.0	8129.333	- 16.390	456.639	456.671
	8129.333	- 9.635	457.163	457.195
	8129.333	- 3.229	457.692	457.724
	8129.333	3.[illegible]77	458.220	458.252
	8129.333	9.984	458.749	458.781
	8129.333	16.632	459.281	459.313

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
33.5	8138.500	- 16.341	456.597	456.619
	8138.500	- 9.782	457.121	457.143
	8138.500	- 3.212	457.647	457.670
	8138.500	3.368	458.174	458.196
	8138.500	9.949	458.700	458.722
	8138.500	16.553	459.228	459.251

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
34.0	8147.667	- 16.296	456.555	456.567
	8147.667	- 9.780	457.076	457.088
	8147.667	- 3.223	457.600	457.612
	8147.667	3.333	458.125	458.137
	8147.667	9.890	458.650	458.662
	8147.667	16.480	459.177	459.189

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
34.5	8156.833	- 16.254	456.512	456.516
	8156.833	- 9.821	457.027	457.031
	8156.833	- 3.284	457.550	457.554
	8156.833	3.253	458.073	458.077
	8156.833	9.790	458.596	458.600
	8156.833	16.412	459.125	459.129

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
35.0	8166.000	- 16.216	456.469	456.469
	8166.000	- 9.823	456.981	456.981
	8166.000	- 3.305	457.502	457.502
	8166.000	3.212	458.024	458.024
	8166.000	9.730	458.545	458.545
	8166.000	16.349	459.075	459.075

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS G5 AND G6
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 155 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	209
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
35.5	8175.167	- 16.180	456.426	456.430
	8175.167	- 9.786	456.938	456.942
	8175.167	- 3.288	457.458	457.461
	8175.167	3.211	457.978	457.981
	8175.167	9.709	458.498	458.501
	8175.167	16.282	459.024	459.028

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
36.0	8184.333	- 16.148	456.383	456.395
	8184.333	- 9.710	456.898	456.910
	8184.333	- 3.261	457.417	457.428
	8184.333	3.248	457.935	457.946
	8184.333	9.727	458.453	458.465
	8184.333	16.239	458.974	458.986

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
36.5	8193.500	- 16.119	456.340	456.361
	8193.500	- 9.686	456.854	456.876
	8193.500	- 3.222	457.371	457.393
	8193.500	3.241	457.888	457.910
	8193.500	9.704	458.406	458.427
	8193.500	16.192	458.925	458.946

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
37.0	8202.667	- 16.093	456.296	456.327
	8202.667	- 9.694	456.808	456.839
	8202.667	- 3.243	457.324	457.355
	8202.667	3.207	457.840	457.871
	8202.667	9.658	458.356	458.387
	8202.667	16.150	458.875	458.907

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
37.5	8211.833	- 16.070	456.252	456.290
	8211.833	- 9.663	456.765	456.803
	8211.833	- 3.225	457.280	457.318
	8211.833	3.213	457.795	457.833
	8211.833	9.651	458.310	458.348
	8211.833	16.113	458.827	458.865

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.0	8221.000	- 16.050	456.208	456.249
	8221.000	- 9.655	456.719	456.760
	8221.000	- 3.228	457.233	457.274
	8221.000	3.200	457.748	457.789
	8221.000	9.627	458.262	458.303
	8221.000	16.082	458.778	458.819

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.5	8230.167	- 16.034	456.163	456.202
	8230.167	- 9.691	456.671	456.710
	8230.167	- 3.270	457.184	457.223
	8230.167	3.151	457.698	457.737
	8230.167	9.571	458.211	458.251
	8230.167	16.055	458.730	458.769

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.0	8239.333	- 16.021	456.118	456.151
	8239.333	- 9.687	456.625	456.658
	8239.333	- 3.273	457.138	457.171
	8239.333	3.141	457.651	457.684
	8239.333	9.555	458.164	458.197
	8239.333	16.034	458.683	458.715

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.5	8248.500	- 16.011	456.073	456.097
	8248.500	- 9.644	456.583	456.606
	8248.500	- 3.237	457.095	457.118
	8248.500	3.170	457.608	457.631
	8248.500	9.577	458.120	458.144
	8248.500	16.018	458.636	458.659

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.0	8257.667	- 16.004	456.028	456.041
	8257.667	- 9.641	456.537	456.550
	8257.667	- 3.238	457.049	457.062
	8257.667	3.165	457.562	457.575
	8257.667	9.569	458.074	458.087
	8257.667	16.007	458.589	458.602

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.5	8268.833	- 16.001	455.983	455.987
	8268.833	- 9.699	456.487	456.491
	8268.833	- 3.296	456.999	457.003
	8268.833	3.106	457.511	457.516
	8268.833	9.508	458.023	458.028
	8268.833	16.001	458.543	458.547

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.0	8276.000	- 16.000	455.937	455.937
	8276.000	- 9.717	456.439	456.439
	8276.000	- 3.316	456.951	456.951
	8276.000	3.085	457.464	457.464
	8276.000	9.487	457.976	457.976
	8276.000	16.000	458.497	458.497

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.5	8285.167	- 16.000	455.891	455.894
	8285.167	- 9.697	456.395	456.398
	8285.167	- 3.297	456.907	456.910
	8285.167	3.104	457.419	457.423
	8285.167	9.505	457.931	457.935
	8285.167	16.000	458.451	458.454

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.0	8294.333	- 16.000	455.845	455.855
	8294.333	- 9.638	456.354	456.364
	8294.333	- 3.238	456.866	456.876
	8294.333	3.162	457.378	457.388
	8294.333	9.563	457.890	457.900
	8294.333	16.000	458.405	458.415

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.5	8303.500	- 16.000	455.799	455.818
	8303.500	- 9.638	456.308	456.327
	8303.500	- 3.238	456.820	456.839
	8303.500	3.162	457.332	457.351
	8303.500	9.562	457.844	457.863
	8303.500	16.000	458.359	458.378

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.0	8312.667	- 16.000	455.753	455.780
	8312.667	- 9.674	456.260	456.287
	8312.667	- 3.275	456.772	456.798
	8312.667	3.125	457.283	457.310
	8312.667	9.525	457.795	457.822
	8312.667	16.000	458.313	458.340

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.5	8321.833	- 16.000	455.708	455.739
	8321.833	- 9.672	456.214	456.246
	8321.833	- 3.272	456.726	456.757
	8321.833	3.128	457.238	457.269
	8321.833	9.527	457.750	457.781
	8321.833	16.000	458.268	458.299

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.0	8331.000	- 16.000	455.662	455.694
	8331.000	- 9.630	456.171	456.203
	8331.000	- 3.230	456.683	456.715
	8331.000	3.169	457.195	457.227
	8331.000	9.569	457.707	457.739
	8331.000	16.000	458.222	458.254

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.5	8340.167	- 16.000	455.616	455.643
	8340.167	- 9.626	456.126	456.153
	8340.167	- 3.226	456.638	456.665
	8340.167	3.174	457.150	457.177
	8340.167	9.574	457.662	457.689
	8340.167	16.000	458.176	458.203

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.0	8349.333	- 16.000	455.570	455.588
	8349.333	- 9.641	456.079	456.097
	8349.333	- 3.241	456.591	456.609
	8349.333	3.159	457.103	457.121
	8349.333	9.559	457.615	457.633
	8349.333	16.000	458.130	458.148

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.5	8355.500	- 16.000	455.539	455.549
	8355.500	- 9.629	456.049	456.059
	8355.500	- 3.229	456.561	456.571
	8355.500	3.170	457.073	457.083
	8355.500	9.570	457.585	457.595
	8355.500	16.000	458.099	458.109

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.0	8361.656	- 16.000	455.509	455.509
	8361.660	- 9.600	456.021	456.021
	8361.664	- 3.200	456.533	456.533
	8361.668	3.200	457.045	457.045
	8361.672	9.600	457.556	457.556
	8361.676	16.000	458.068	458.068

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS G7 AND G8
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 156 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	210
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.0	8364.344	- 16.000	455.495	455.495
	8364.339	- 8.000	456.135	456.135
	8364.334	- .000	456.775	456.775
	8364.329	8.000	457.415	457.415
	8364.324	16.000	458.055	458.055

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.5	8370.000	- 16.000	455.464	455.473
	8370.000	- 8.028	456.102	456.111
	8370.000	- .028	456.742	456.751
	8370.000	7.972	457.382	457.391
	8370.000	16.000	458.024	458.033

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.0	8375.667	- 16.000	455.430	455.447
	8375.667	- 8.040	456.067	456.084
	8375.667	- .041	456.707	456.724
	8375.667	7.959	457.346	457.364
	8375.667	16.000	457.990	458.007

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.5	8385.333	- 16.000	455.363	455.391
	8385.333	- 8.028	456.001	456.029
	8385.333	- .028	456.641	456.669
	8385.333	7.972	457.281	457.309
	8385.333	16.000	457.923	457.951

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.0	8395.000	- 16.000	455.286	455.320
	8395.000	- 8.032	455.923	455.957
	8395.000	- .032	456.563	456.597
	8395.000	7.968	457.203	457.237
	8395.000	16.000	457.846	457.880

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.5	8404.667	- 16.000	455.199	455.232
	8404.667	- 8.079	455.832	455.866
	8404.667	- .080	456.472	456.506
	8404.667	7.920	457.112	457.146
	8404.667	16.000	457.759	457.792

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.0	8414.333	- 16.000	455.101	455.130
	8414.333	- 8.083	455.734	455.763
	8414.333	- .083	456.374	456.403
	8414.333	7.916	457.014	457.043
	8414.333	16.000	457.661	457.690

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.5	8424.000	- 16.000	454.993	455.013
	8424.000	- 8.043	455.630	455.650
	8424.000	- .044	456.270	456.290
	8424.000	7.956	456.910	456.930
	8424.000	16.000	457.553	457.573

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.0	8433.667	- 16.000	454.875	454.885
	8433.667	- 8.040	455.512	455.522
	8433.667	- .040	456.152	456.162
	8433.667	7.960	456.792	456.802
	8433.667	16.000	457.435	457.445

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.5	8443.333	- 16.000	454.747	454.750
	8443.333	- 8.105	455.379	455.381
	8443.333	- .105	456.019	456.021
	8443.333	7.894	456.659	456.661
	8443.333	16.000	457.307	457.310

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.0	8453.000	- 16.000	454.609	454.609
	8453.000	- 8.127	455.239	455.239
	8453.000	- .127	455.879	455.879
	8453.000	7.872	456.519	456.519
	8453.000	16.000	457.169	457.169

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.5	8462.667	- 16.000	454.460	454.465
	8462.667	- 8.105	455.092	455.097
	8462.667	- .105	455.732	455.737
	8462.667	7.894	456.372	456.377
	8462.667	16.000	457.020	457.025

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.0	8472.333	- 16.000	454.302	454.316
	8472.333	- 8.040	454.938	454.953
	8472.333	- .040	455.578	455.593
	8472.333	7.960	456.218	456.233
	8472.333	16.000	456.862	456.876

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.5	8482.000	- 16.000	454.133	454.160
	8482.000	- 8.043	454.769	454.796
	8482.000	- .044	455.409	455.436
	8482.000	7.956	456.049	456.076
	8482.000	16.000	456.693	456.720

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
54.0	8491.667	- 16.000	453.953	453.993
	8491.667	- 8.083	454.587	454.626
	8491.667	- .083	455.227	455.266
	8491.667	7.916	455.867	455.906
	8491.667	16.000	456.513	456.553

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
54.5	8501.333	- 16.000	453.764	453.811
	8501.333	- 8.079	454.397	454.445
	8501.333	- .080	455.037	455.085
	8501.333	7.920	455.677	455.725
	8501.333	16.000	456.324	456.371

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
55.0	8511.000	- 16.000	453.564	453.614
	8511.000	- 8.032	454.202	454.251
	8511.000	- .032	454.841	454.891
	8511.000	7.968	455.481	455.531
	8511.000	16.000	456.124	456.174

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
55.5	8520.667	- 16.000	453.354	453.401
	8520.667	- 8.033	453.992	454.039
	8520.667	- .033	454.632	454.679
	8520.667	7.967	455.272	455.319
	8520.667	16.000	455.914	455.961

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.0	8530.333	- 16.000	453.134	453.173
	8530.333	- 8.055	453.770	453.809
	8530.333	- .055	454.410	454.449
	8530.333	7.945	455.050	455.089
	8530.333	16.000	455.694	455.733

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.5	8540.000	- 16.000	452.904	452.931
	8540.000	- 8.033	453.541	453.568
	8540.000	- .033	454.181	454.208
	8540.000	7.967	454.821	454.848
	8540.000	16.000	455.464	455.491

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.0	8549.667	- 16.000	452.663	452.678
	8549.667	- 8.040	453.300	453.315
	8549.667	- .040	453.940	453.955
	8549.667	7.960	454.580	454.595
	8549.667	16.000	455.223	455.238

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.5	8559.333	- 16.000	452.412	452.417
	8559.333	- 8.105	453.044	453.049
	8559.333	- .105	453.684	453.689
	8559.333	7.894	454.324	454.329
	8559.333	16.000	454.972	454.977

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.0	8569.000	- 16.000	452.151	452.151
	8569.000	- 8.127	452.781	452.781
	8569.000	- .127	453.421	453.421
	8569.000	7.872	454.061	454.061
	8569.000	16.000	454.711	454.711

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.5	8578.667	- 16.000	451.880	451.882
	8578.667	- 8.105	452.512	452.514
	8578.667	- .105	453.152	453.154
	8578.667	7.894	453.792	453.794
	8578.667	16.000	454.440	454.442

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.0	8588.333	- 16.000	451.599	451.608
	8588.333	- 8.040	452.235	452.245
	8588.333	- .040	452.875	452.885
	8588.333	7.960	453.515	453.525
	8588.333	16.000	454.159	454.168

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.5	8598.000	- 16.000	451.307	451.327
	8598.000	- 8.043	451.943	451.963
	8598.000	- .044	452.583	452.603
	8598.000	7.956	453.223	453.243
	8598.000	16.000	453.867	453.887

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.0	8607.667	- 16.000	451.012	451.040
	8607.667	- 8.083	451.632	451.660
	8607.667	- .083	452.258	452.287
	8607.667	7.916	452.883	452.912
	8607.667	16.000	453.514	453.543

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.5	8617.333	- 16.000	450.714	450.748
	8617.333	- 8.079	451.306	451.339
	8617.333	- .080	451.903	451.937
	8617.333	7.920	452.496	452.530
	8617.333	16.000	453.094	453.128

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.0	8627.000	- 16.000	450.406	450.440
	8627.000	- 8.032	450.973	451.006
	8627.000	- .032	451.541	451.575
	8627.000	7.968	452.102	452.136
	8627.000	16.000	452.664	452.698

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.5	8636.667	- 16.000	450.088	450.116
	8636.667	- 8.028	450.626	450.654
	8636.667	- .028	451.166	451.194
	8636.667	7.972	451.694	451.722
	8636.667	16.000	452.224	452.252

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.0	8646.333	- 16.000	449.760	449.777
	8646.333	- 8.060	450.268	450.285
	8646.333	- .041	450.779	450.796
	8646.333	7.959	451.275	451.293
	8646.333	16.000	451.774	451.791

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.5	8652.000	- 16.000	449.562	449.572
	8652.000	- 8.028	450.055	450.064
	8652.000	- .028	450.549	450.558
	8652.000	7.972	451.026	451.035
	8652.000	16.000	451.505	451.514

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
63.0	8657.656	- 16.000	449.362	449.362
	8657.661	- 8.000	449.839	449.839
	8657.665	- .000	450.316	450.316
	8657.671	8.000	450.774	450.774
	8657.676	16.000	451.232	451.232

Note : For Notes see Sheet No. 126

ID BY R.M.R.
BY A.S.
D BY A.J.C.
ED BY K.A.

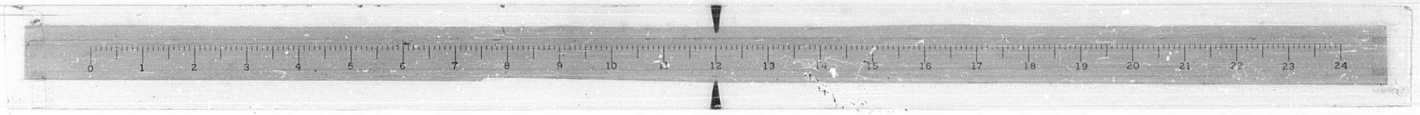
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS G9 THRU G11
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
157 OF 528



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	211
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.0	8660.367	51.501	447.079	447.079
	8660.362	44.001	447.566	447.566
	8660.357	36.501	448.048	448.048
	8660.353	29.001	448.526	448.526
	8660.348	21.501	448.943	448.943
	8660.343	14.001	449.383	449.383
	8660.338	6.500	449.823	449.823
	8660.334	1.000	450.261	450.261
	8660.329	8.500	450.682	450.682
	8660.324	16.000	451.104	451.104

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.5	8667.667	50.462	446.927	446.927
	8667.667	43.195	447.383	447.393
	8667.667	35.800	447.843	447.853
	8667.667	28.405	448.298	448.307
	8667.667	21.011	448.719	448.728
	8667.667	13.618	449.132	449.142
	8667.667	6.225	449.545	449.555
	8667.667	1.167	449.955	449.965
	8667.667	8.559	450.348	450.358
	8667.667	16.000	450.743	450.753

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.0	8675.000	49.443	446.782	446.799
	8675.000	42.360	447.211	447.228
	8675.000	35.071	447.648	447.665
	8675.000	27.783	448.080	448.098
	8675.000	20.496	448.487	448.504
	8675.000	13.209	448.874	448.892
	8675.000	5.924	449.262	449.279
	8675.000	1.360	449.645	449.662
	8675.000	8.644	450.009	450.027
	8675.000	16.000	450.378	450.395

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.5	8685.000	48.088	446.593	446.617
	8685.000	41.179	446.990	447.014
	8685.000	34.035	447.397	447.421
	8685.000	26.892	447.799	447.822
	8685.000	19.751	448.159	448.182
	8685.000	12.612	448.512	448.536
	8685.000	5.473	448.865	448.889
	8685.000	1.664	449.212	449.236
	8685.000	8.799	449.539	449.563
	8685.000	16.000	449.870	449.893

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.0	8695.000	46.770	446.408	446.432
	8695.000	39.958	446.771	446.795
	8695.000	32.966	447.137	447.162
	8695.000	25.974	447.499	447.523
	8695.000	18.983	447.823	447.847
	8695.000	11.993	448.142	448.166
	8695.000	5.004	448.462	448.486
	8695.000	1.985	448.773	448.797
	8695.000	8.972	449.065	449.089
	8695.000	16.000	449.358	449.382

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.5	8705.000	45.498	446.214	446.233
	8705.000	38.738	446.542	446.562
	8705.000	31.896	446.870	446.889
	8705.000	25.055	447.192	447.212
	8705.000	18.214	447.481	447.501
	8705.000	11.374	447.768	447.788
	8705.000	4.534	448.055	448.075
	8705.000	2.306	448.332	448.352
	8705.000	9.145	448.589	448.608
	8705.000	16.000	448.847	448.866

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.0	8715.000	44.271	446.005	446.017
	8715.000	37.609	446.299	446.310
	8715.000	30.908	446.589	446.600
	8715.000	24.207	446.917	446.929
	8715.000	17.506	447.132	447.143
	8715.000	10.805	447.388	447.399
	8715.000	4.103	447.644	447.655
	8715.000	2.598	447.887	447.899
	8715.000	9.299	448.111	448.123
	8715.000	16.000	448.335	448.346

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.5	8725.000	43.089	445.804	445.808
	8725.000	36.619	446.057	446.061
	8725.000	30.041	446.310	446.314
	8725.000	23.464	446.558	446.562
	8725.000	16.887	446.773	446.777
	8725.000	10.309	447.000	447.004
	8725.000	3.732	447.227	447.231
	8725.000	2.845	447.439	447.443
	8725.000	9.423	447.631	447.635
	8725.000	16.000	447.824	447.827

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.0	8735.000	41.952	445.550	445.550
	8735.000	35.628	445.770	445.770
	8735.000	29.175	445.989	445.989
	8735.000	22.721	446.205	446.205
	8735.000	16.269	446.411	446.411
	8735.000	9.814	446.609	446.609
	8735.000	3.361	446.808	446.808
	8735.000	3.093	446.988	446.988
	8735.000	9.546	447.150	447.150
	8735.000	16.000	447.312	447.312

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.5	8745.000	40.860	445.297	445.300
	8745.000	34.638	445.485	445.488
	8745.000	28.308	445.672	445.675
	8745.000	21.978	445.856	445.859
	8745.000	15.648	446.043	446.046
	8745.000	9.319	446.214	446.217
	8745.000	2.989	446.385	446.388
	8745.000	3.341	446.536	446.539
	8745.000	9.670	446.668	446.671
	8745.000	16.000	446.800	446.803

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
69.0	8755.000	39.813	445.044	445.053
	8755.000	33.647	445.209	445.212
	8755.000	27.441	445.349	445.368
	8755.000	21.235	445.512	445.521
	8755.000	15.029	445.672	445.681
	8755.000	8.823	445.816	445.826
	8755.000	2.618	445.960	445.970
	8755.000	3.588	446.081	446.091
	8755.000	9.794	446.185	446.195
	8755.000	16.000	446.289	446.299

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
69.5	8765.000	38.811	444.790	444.808
	8765.000	32.775	444.919	444.937
	8765.000	26.678	445.046	445.063
	8765.000	20.581	445.169	445.187
	8765.000	14.484	445.294	445.311
	8765.000	8.388	445.413	445.430
	8765.000	2.291	445.532	445.549
	8765.000	3.806	445.624	445.642
	8765.000	9.903	445.701	445.718
	8765.000	16.000	445.777	445.795

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.0	8775.000	37.854	444.530	444.552
	8775.000	31.982	444.627	444.650
	8775.000	25.984	444.724	444.747
	8775.000	19.987	444.818	444.840
	8775.000	13.989	444.911	444.933
	8775.000	7.991	445.005	445.028
	8775.000	1.993	445.100	445.123
	8775.000	4.004	445.165	445.188
	8775.000	10.002	445.215	445.238
	8775.000	16.000	445.266	445.288

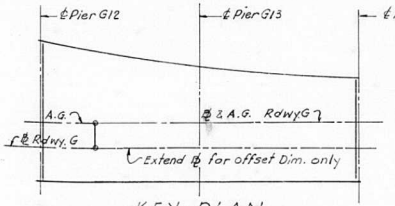
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.5	8785.000	36.941	444.236	444.259
	8785.000	31.189	444.304	444.327
	8785.000	25.291	444.371	444.394
	8785.000	19.392	444.436	444.459
	8785.000	13.493	444.524	444.547
	8785.000	7.595	444.595	444.618
	8785.000	1.696	444.656	444.689
	8785.000	4.203	444.704	444.727
	8785.000	10.101	444.729	444.752
	8785.000	16.000	444.754	444.777

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.0	8795.000	36.072	443.952	443.970
	8795.000	30.397	443.991	444.009
	8795.000	24.597	444.031	444.048
	8795.000	18.797	444.071	444.088
	8795.000	12.998	444.111	444.128
	8795.000	7.196	444.182	444.199
	8795.000	1.399	444.230	444.247
	8795.000	4.401	444.242	444.259
	8795.000	10.200	444.242	444.260
	8795.000	16.000	444.243	444.260

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.5	8802.708 –	35.434	443.628	443.637
	8802.708 –	29.786	443.667	443.677
	8802.708 –	24.062	443.707	443.717
	8802.708 –	18.339	443.747	443.757
	8802.708 –	12.616	443.787	443.797
	8802.708 –	6.893	443.861	443.871
	8802.708 –	1.170	443.892	443.902
	8802.708	4.554	443.884	443.894
	8802.708	10.277	443.866	443.876
	8802.708	16.000	443.848	443.858

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
72.0	8810.416	34.821	443.301	443.301
	8810.416	29.175	443.342	443.342
	8810.416	23.528	443.382	443.382
	8810.416	17.881	443.422	443.422
	8810.416	12.234	443.463	443.463
	8810.416	6.587	443.539	443.539
	8810.416	.940	443.554	443.554
	8810.416	4.706	443.526	443.526
	8810.416	10.353	443.490	443.490
	8810.416	16.000	443.454	443.454

Note: For Notes See Sheet No. 126



KEY PLAN
Showing Extended ℄ For Offset Dim.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS G12 AND G13
POPLAR STREET BRIDGE APPROACHES
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 158 OF 526

NED BY R.M.R.
N BY A.S.
KED BY A.J.C.
OVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	212
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1	7760.349	- 21.316	447.401	447.401
	7760.344	- 14.108	447.978	447.978
	7760.338	- 6.900	448.555	448.555
	7760.333	.309	449.132	449.132
	7760.328	7.517	449.708	449.708
	7760.323	14.401	450.259	450.259
	7760.318	21.285	450.810	450.810

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+10'	7770.468	- 21.391	447.266	447.339
	7770.422	- 14.183	447.843	447.900
	7770.376	- 6.975	448.421	448.477
	7770.331	.234	448.998	449.055
	7770.287	7.442	449.576	449.632
	7770.245	14.195	450.116	450.173
	7770.204	20.948	450.657	450.739

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+20'	7780.587	- 21.410	447.098	447.233
	7780.500	- 14.202	447.676	447.780
	7780.415	- 6.994	448.254	448.358
	7780.330	.213	448.832	448.936
	7780.246	7.421	449.410	449.513
	7780.159	14.043	449.941	450.044
	7780.093	20.666	450.472	450.621

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+30'	7790.706	- 21.374	446.934	447.112
	7790.579	- 14.166	447.513	447.650
	7790.453	- 6.959	448.091	448.228
	7790.329	.248	448.670	448.806
	7790.205	7.455	449.249	449.385
	7790.095	13.945	449.770	449.895
	7789.965	20.438	450.291	450.487

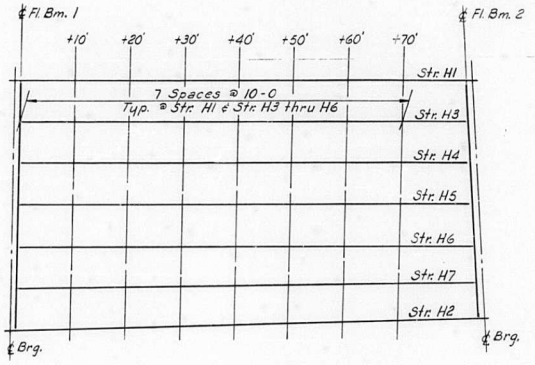
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+40'	7800.824	- 21.281	446.775	446.971
	7800.657	- 14.075	447.354	447.505
	7800.491	- 6.869	447.934	448.085
	7800.327	.338	448.513	448.664
	7800.164	7.544	449.092	449.243
	7800.021	13.903	449.603	449.742
	7799.879	20.264	450.114	450.331

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+50'	7810.941	- 21.134	446.620	446.810
	7810.733	- 13.926	447.200	447.347
	7810.528	- 6.723	447.780	447.927
	7810.323	.483	448.360	448.507
	7810.121	7.688	448.940	449.087
	7809.947	13.914	449.441	449.576
	7809.775	20.145	449.942	450.155

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+60'	7821.056	- 20.930	446.470	446.626
	7820.808	- 13.726	447.051	447.172
	7820.562	- 6.522	447.631	447.753
	7820.318	.682	448.211	448.334
	7820.076	7.886	448.792	448.915
	7819.873	13.981	449.282	449.396
	7819.671	20.080	449.774	449.954

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1+70'	7831.168	- 20.671	446.324	446.426
	7830.880	- 13.469	446.905	446.986
	7830.594	- 6.266	447.486	447.569
	7830.311	.937	448.067	448.151
	7830.029	8.140	448.648	448.733
	7829.798	14.102	449.129	449.215
	7829.568	20.070	449.610	449.737

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2	7845.652	- 20.203	446.123	446.123
	7845.657	- 12.991	446.700	446.700
	7845.662	- 5.778	447.277	447.277
	7845.668	1.435	447.854	447.854
	7845.673	8.648	448.431	448.431
	7845.677	14.409	448.892	448.892
	7845.681	20.170	449.353	449.353



LOCATION PLAN
Span H1

Note
Stringers are identified in the Tables by their offset.

ID BY R.M.R
BY A.J.C
D BY A.S
ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPAN H1
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
159 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	213
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	7848.349	- 20.156	446.083	446.083
	7848.343	- 12.095	446.728	446.728
	7848.337	- 4.033	447.373	447.373
	7848.331	4.028	448.018	448.018
	7848.325	12.089	448.663	448.663
	7848.320	20.151	449.308	449.308
3.5	7854.833	- 20.077	445.982	445.993
	7854.833	- 12.088	446.621	446.632
	7854.833	- 4.058	447.264	447.275
	7854.833	3.971	447.906	447.917
	7854.833	12.001	448.549	448.560
	7854.833	20.071	449.194	449.205
4.0	7861.333	- 19.998	445.882	445.902
	7861.333	- 12.059	446.517	446.538
	7861.333	- 4.060	447.157	447.177
	7861.333	3.938	447.797	447.817
	7861.333	11.937	448.436	448.457
	7861.333	19.993	449.081	449.102
4.5	7871.667	- 19.875	445.721	445.755
	7871.667	- 11.965	446.354	446.388
	7871.667	- 4.016	446.990	447.024
	7871.667	3.933	447.626	447.660
	7871.667	11.882	448.262	448.295
	7871.667	19.869	448.901	448.934
5.0	7882.000	- 19.753	445.561	445.601
	7882.000	- 11.898	446.190	446.229
	7882.000	- 3.997	446.822	446.861
	7882.000	3.903	447.454	447.493
	7882.000	11.804	448.086	448.125
	7882.000	19.747	448.721	448.761
5.5	7892.333	- 19.634	445.401	445.440
	7892.333	- 11.890	446.020	446.059
	7892.333	- 4.037	446.648	446.688
	7892.333	3.816	447.277	447.316
	7892.333	11.669	447.905	447.944
	7892.333	19.628	448.541	448.581

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	7902.667	- 19.516	445.240	445.273
	7902.667	- 11.824	445.855	445.889
	7902.667	- 4.018	446.480	446.513
	7902.667	3.788	447.104	447.138
	7902.667	11.594	447.729	447.762
	7902.667	19.510	448.362	448.395
6.5	7913.000	- 19.400	445.079	445.102
	7913.000	- 11.700	445.695	445.718
	7913.000	- 3.941	446.316	446.335
	7913.000	3.818	446.937	446.960
	7913.000	11.578	447.557	447.580
	7913.000	19.394	448.183	448.206
7.0	7923.333	- 19.286	444.918	444.930
	7923.333	- 11.628	445.531	445.542
	7923.333	- 3.914	446.148	446.160
	7923.333	3.793	446.765	446.777
	7923.333	11.513	447.382	447.394
	7923.333	19.280	448.003	448.015
7.5	7933.667	- 19.174	444.757	444.760
	7933.667	- 11.650	445.359	445.362
	7933.667	- 3.980	445.972	445.976
	7933.667	3.689	446.586	446.589
	7933.667	11.359	447.200	447.203
	7933.667	19.168	447.824	447.827
8.0	7944.000	- 19.063	444.596	444.596
	7944.000	- 11.613	445.152	445.152
	7944.000	- 3.988	445.802	445.802
	7944.000	3.638	446.412	446.412
	7944.000	11.264	447.022	447.022
	7944.000	19.057	447.645	447.645
8.5	7954.333	- 18.955	444.434	444.440
	7954.333	- 11.519	445.029	445.035
	7954.333	- 3.936	445.636	445.641
	7954.333	3.646	446.242	446.248
	7954.333	11.228	446.849	446.854
	7954.333	19.949	447.467	447.472

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	7964.667	- 18.849	444.273	444.289
	7964.667	- 11.365	444.871	444.888
	7964.667	- 3.827	445.475	445.491
	7964.667	3.712	446.078	446.094
	7964.667	11.251	446.681	446.697
	7964.667	18.843	447.288	447.305
9.5	7975.000	- 18.744	444.111	444.142
	7975.000	- 11.307	444.706	444.737
	7975.000	- 3.810	445.306	445.336
	7975.000	3.687	445.906	445.936
	7975.000	11.184	446.505	446.536
	7975.000	18.738	447.110	447.140
10.0	7985.333	- 18.641	443.949	443.993
	7985.333	- 11.300	444.536	444.580
	7985.333	- 3.843	445.133	445.177
	7985.333	3.613	445.730	445.773
	7985.333	11.069	446.326	446.370
	7985.333	18.636	446.931	446.975
10.5	7995.667	- 18.541	443.787	443.840
	7995.667	- 11.234	444.372	444.425
	7995.667	- 3.818	444.965	445.018
	7995.667	3.598	445.558	445.612
	7995.667	11.014	446.151	446.205
	7995.667	18.535	446.753	446.807
11.0	8006.000	- 18.442	443.625	443.682
	8006.000	- 11.111	444.211	444.268
	8006.000	- 3.735	444.802	444.858
	8006.000	3.641	445.392	445.448
	8006.000	11.017	445.982	446.038
	8006.000	18.436	446.575	446.632
11.5	8016.333	- 18.345	443.463	443.516
	8016.333	- 11.053	444.046	444.100
	8016.333	- 3.715	444.633	444.687
	8016.333	3.622	445.220	445.274
	8016.333	10.959	445.807	445.861
	8016.333	18.339	446.397	446.451

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	8026.667	- 18.250	443.300	443.345
	8026.667	- 11.025	443.878	443.923
	8026.667	- 3.726	444.462	444.507
	8026.667	3.574	445.046	445.091
	8026.667	10.873	445.630	445.675
	8026.667	18.244	446.220	446.254
12.5	8037.000	- 18.157	443.137	443.169
	8037.000	- 10.940	443.715	443.747
	8037.000	- 3.678	444.296	444.327
	8037.000	3.584	444.877	444.908
	8037.000	10.846	445.458	445.489
	8037.000	18.152	446.042	446.074
13.0	8047.333	- 18.066	442.975	442.992
	8047.333	- 10.896	443.548	443.566
	8047.333	- 3.670	444.126	444.144
	8047.333	3.556	444.704	444.722
	8047.333	10.782	445.282	445.300
	8047.333	18.061	445.865	445.882
13.5	8057.667	- 17.976	442.812	442.818
	8057.667	- 10.931	443.375	443.381
	8057.667	- 3.740	443.951	443.957
	8057.667	3.450	444.526	444.532
	8057.667	10.641	445.101	445.107
	8057.667	17.971	445.688	445.694
14.0	8068.000	- 17.889	442.649	442.649
	8068.000	- 10.909	443.207	443.207
	8068.000	- 3.752	443.780	443.780
	8068.000	3.404	444.352	444.352
	8068.000	10.560	444.925	444.925
	8068.000	17.884	445.511	445.511
14.5	8078.333	- 17.804	442.485	442.488
	8078.333	- 10.828	443.043	443.046
	8078.333	- 3.706	443.613	443.616
	8078.333	3.416	444.183	444.185
	8078.333	10.538	444.753	444.755
	8078.333	17.799	445.334	445.336

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	8088.667	- 17.720	442.322	442.332
	8088.667	- 10.688	442.885	442.895
	8088.667	- 3.601	443.452	443.462
	8088.667	3.487	444.019	444.029
	8088.667	10.575	444.586	444.596
	8088.667	17.716	445.157	445.167
15.5	8099.000	- 17.639	442.158	442.179
	8099.000	- 10.643	442.718	442.739
	8099.000	- 3.588	443.282	443.303
	8099.000	3.467	443.847	443.868
	8099.000	10.522	444.411	444.432
	8099.000	17.635	444.980	445.001
16.0	8109.333	- 17.559	441.995	442.025
	8109.333	- 10.650	442.547	442.578
	8109.333	- 3.626	443.109	443.140
	8109.333	3.398	443.671	443.702
	8109.333	10.422	444.233	444.264
	8109.333	17.555	444.804	444.835
16.5	8119.667	- 17.482	441.831	441.867
	8119.667	- 10.599	442.381	442.418
	8119.667	- 3.606	442.941	442.977
	8119.667	3.387	443.500	443.537
	8119.667	10.380	444.060	444.096
	8119.667	17.478	444.628	444.664
17.0	8130.000	- 17.406	441.667	441.704
	8130.000	- 10.489	442.220	442.257
	8130.000	- 3.527	442.777	442.814
	8130.000	3.435	443.334	443.371
	8130.000	10.397	443.891	443.928
	8130.000	17.402	444.451	444.489

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.5	8140.333	- 17.333	441.503	441.535
	8140.333	- 10.441	442.054	442.086
	8140.333	- 3.508	442.609	442.640
	8140.333	3.425	443.163	443.195
	8140.333	10.357	443.718	443.750
	8140.333	17.329	444.275	444.307
18.0	8150.667	- 17.261	441.338	441.359
	8150.667	- 10.420	441.885	441.906
	8150.667	- 3.516	442.438	442.458
	8150.667	3.389	442.990	443.011
	8150.667	10.293	443.543	443.563
	8150.667	17.257	444.100	444.120
18.5	8157.542	- 17.214	441.229	441.240
	8157.542	- 10.374	441.776	441.787
	8157.542	- 3.488	442.327	442.338
	8157.542	3.397	442.878	442.889
	8157.542	10.282	443.429	443.439
	8157.542	17.211	443.983	443.994
19.0	8164.410	- 17.169	441.119	441.119
	8164.412	- 10.302	441.669	441.669
	8164.415	- 3.435	442.218	442.218
	8164.417	3.432	442.767	442.767
	8164.419	10.298	443.317	443.317
	8164.421	17.165	443.866	443.866

Note: For Notes see Sheet No. 126

SIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS H2 THRU H4
POPLAR STREET BRIDGE APPROACHES
ROADWAY "H"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
160 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	214
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	6102.343	– 4.000	475.837	475.837
	6102.325	4.000	476.478	476.478
	6102.308	12.000	477.118	477.118
	6102.291	20.000	477.758	477.758
1.5	6108.333	– 4.000	475.732	475.743
	6108.333	3.950	476.368	476.379
	6108.333	11.949	477.008	477.019
	6108.333	20.000	477.652	477.663
2.0	6114.333	– 4.000	475.622	475.643
	6114.333	3.960	476.259	476.280
	6114.333	11.959	476.899	476.920
	6114.333	20.000	477.542	477.563
2.5	6123.917	– 4.000	475.437	475.470
	6123.917	3.936	476.072	476.105
	6123.917	11.936	476.712	476.745
	6123.917	20.000	477.357	477.390
3.0	6133.500	– 4.000	475.239	475.278
	6133.500	3.949	475.875	475.914
	6133.500	11.948	476.515	476.554
	6133.500	20.000	477.159	477.198
3.5	6143.083	– 4.000	475.029	475.068
	6143.083	3.936	475.664	475.703
	6143.083	11.936	476.304	476.342
	6143.083	20.000	476.949	476.988
4.0	6152.667	– 4.000	474.807	474.839
	6152.667	3.949	475.443	475.475
	6152.667	11.948	476.083	476.115
	6152.667	20.000	476.727	476.759

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	6162.250	– 4.000	474.573	474.595
	6162.250	3.936	475.208	475.229
	6162.250	11.936	475.848	475.869
	6162.250	20.000	476.493	476.515
5.0	6171.833	– 4.000	474.327	474.337
	6171.833	3.949	474.962	474.973
	6171.833	11.948	475.602	475.613
	6171.833	20.000	476.247	476.257
5.5	6181.417	– 4.000	474.068	474.070
	6181.417	3.936	474.703	474.705
	6181.417	11.936	475.343	475.345
	6181.417	20.000	475.988	475.990
6.0	6191.000	– 4.000	473.797	473.797
	6191.000	3.949	474.433	474.433
	6191.000	11.948	475.073	475.073
	6191.000	20.000	475.717	475.717
6.5	6200.583	– 4.000	473.514	473.518
	6200.583	3.936	474.149	474.153
	6200.583	11.936	474.789	474.793
	6200.583	20.000	475.434	475.438
7.0	6210.167	– 4.000	473.219	473.233
	6210.167	3.949	473.855	473.869
	6210.167	11.948	474.495	474.509
	6210.167	20.000	475.139	475.153
7.5	6219.750	– 4.000	472.912	472.940
	6219.750	3.936	473.547	473.574
	6219.750	11.936	474.187	474.214
	6219.750	20.000	474.832	474.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	6229.333	– 4.000	472.592	472.633
	6229.333	3.949	473.228	473.269
	6229.333	11.948	473.869	473.909
	6229.333	20.000	474.512	474.553
8.5	6238.917	– 4.000	472.261	472.311
	6238.917	3.936	472.896	472.946
	6238.917	11.936	473.536	473.586
	6238.917	20.000	474.181	474.231
9.0	6248.500	– 4.000	471.917	471.970
	6248.500	3.949	472.553	472.606
	6248.500	11.948	473.193	473.246
	6248.500	20.000	473.837	473.890
9.5	6258.083	– 4.000	471.561	471.611
	6258.083	3.936	472.196	472.246
	6258.083	11.936	472.836	472.886
	6258.083	20.000	473.481	473.531
10.0	6267.667	– 4.000	471.193	471.234
	6267.667	3.949	471.828	471.869
	6267.667	11.948	472.468	472.509
	6267.667	20.000	473.113	473.154
10.5	6277.250	– 4.000	470.812	470.840
	6277.250	3.936	471.447	471.475
	6277.250	11.936	472.087	472.115
	6277.250	20.000	472.732	472.760
11.0	6286.833	– 4.000	470.420	470.434
	6286.833	3.949	471.056	471.069
	6286.833	11.948	471.695	471.709
	6286.833	20.000	472.340	472.354

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	6296.417	– 4.000	470.015	470.018
	6296.417	3.936	470.650	470.653
	6296.417	11.936	471.290	471.293
	6296.417	20.000	471.935	471.938
12.0	6306.000	– 4.000	469.598	469.598
	6306.000	3.949	470.234	470.234
	6306.000	11.948	470.874	470.874
	6306.000	20.000	471.518	471.518
12.5	6315.583	– 4.000	469.169	469.171
	6315.583	3.936	469.804	469.806
	6315.583	11.936	470.444	470.446
	6315.583	20.000	471.089	471.091
13.0	6325.167	– 4.000	468.727	468.738
	6325.167	3.949	469.363	469.374
	6325.167	11.948	470.003	470.014
	6325.167	20.000	470.647	470.658
13.5	6334.750	– 4.000	468.274	468.296
	6334.750	3.936	468.909	468.930
	6334.750	11.936	469.549	469.570
	6334.750	20.000	470.194	470.216
14.0	6344.333	– 4.000	467.808	467.840
	6344.333	3.949	468.444	468.476
	6344.333	11.948	469.084	469.116
	6344.333	20.000	469.728	469.760
14.5	6353.917	– 4.000	467.331	467.370
	6353.917	3.936	467.966	468.005
	6353.917	11.936	468.606	468.645
	6353.917	20.000	469.251	469.290

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	6363.500	– 4.000	466.852	466.891
	6363.500	3.949	467.488	467.527
	6363.500	11.948	468.128	468.167
	6363.500	20.000	468.772	468.811
15.5	6373.083	– 4.000	466.373	466.406
	6373.083	3.936	467.008	467.041
	6373.083	11.936	467.646	467.681
	6373.083	20.000	468.293	468.326
16.0	6382.667	– 4.000	465.894	465.915
	6382.667	3.949	466.530	466.551
	6382.667	11.948	467.170	467.191
	6382.667	20.000	467.814	467.835
16.5	6388.667	– 4.000	465.594	465.605
	6388.667	3.990	466.233	466.244
	6388.667	11.990	466.873	466.884
	6388.667	20.000	467.514	467.525
17.0	6394.657	– 4.000	465.294	465.294
	6394.675	4.000	465.934	465.934
	6394.692	12.000	466.573	466.573
	6394.709	20.000	467.212	467.212

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS M7 THRU M9
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 161 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	215
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
18.0	6397.343	- 4.000	465.160	465.160
	6397.325	4.000	465.801	465.801
	6397.308	12.000	466.442	466.442
	6397.291	20.000	467.083	467.083
18.5	6402.381	- 4.000	464.908	464.922
	6402.381	3.962	465.545	465.559
	6402.381	11.961	466.185	466.199
	6402.381	20.000	466.828	466.842
19.0	6407.429	- 4.000	464.656	464.383
	6407.429	3.966	465.293	465.320
	6407.429	11.966	465.933	465.960
	6407.429	20.000	466.576	466.603
19.5	6415.924	- 4.000	464.231	464.276
	6415.924	3.953	464.867	464.912
	6415.924	11.952	465.507	465.552
	6415.924	20.000	466.151	466.196
20.0	6424.429	- 4.000	463.806	463.863
	6424.429	3.956	464.442	464.500
	6424.429	11.956	465.082	465.140
	6424.429	20.000	465.726	465.783
20.5	6434.000	- 4.000	463.327	463.392
	6434.000	3.937	463.962	464.027
	6434.000	11.936	464.602	464.667
	6434.000	20.000	465.247	465.312
21.0	6443.572	- 4.000	462.849	462.913
	6443.572	3.949	463.484	463.549
	6443.572	11.949	464.124	464.188
	6443.572	20.000	464.769	464.833
21.5	6453.143	- 4.000	462.370	462.426
	6453.143	3.937	463.005	463.061
	6453.143	11.936	463.645	463.701
	6453.143	20.000	464.290	464.346

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
22.0	6462.714	- 4.000	461.891	461.935
	6462.714	3.949	462.527	462.571
	6462.714	11.949	463.167	463.211
	6462.714	20.000	463.811	463.855
22.5	6472.286	- 4.000	461.413	461.441
	6472.286	3.937	462.043	462.075
	6472.286	11.936	462.688	462.715
	6472.286	20.000	463.333	463.360
23.0	6481.857	- 4.000	460.934	460.947
	6481.857	3.949	461.570	461.583
	6481.857	11.949	462.210	462.223
	6481.857	20.000	462.854	462.867
23.5	6491.429	- 4.000	460.456	460.458
	6491.429	3.937	461.091	461.093
	6491.429	11.936	461.731	461.733
	6491.429	20.000	462.376	462.378
24.0	6501.000	- 4.000	459.988	459.988
	6501.000	3.949	460.602	460.602
	6501.000	11.949	461.219	461.219
	6501.000	20.000	461.840	461.840
24.5	6510.571	- 4.000	459.526	459.531
	6510.571	3.937	460.107	460.112
	6510.571	11.936	460.692	460.697
	6510.571	20.000	461.282	461.287
25.0	6520.143	- 4.000	459.063	459.080
	6520.143	3.949	459.613	459.630
	6520.143	11.949	460.167	460.183
	6520.143	20.000	460.724	460.740
25.5	6529.714	- 4.000	458.601	458.634
	6529.714	3.937	459.118	459.151
	6529.714	11.936	459.639	459.672
	6529.714	20.000	460.165	460.198
26.0	6539.286	- 4.000	458.138	458.188
	6539.286	3.949	458.624	458.675
	6539.286	11.949	459.114	459.164
	6539.286	20.000	459.607	459.657

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
26.5	6548.857	- 4.000	457.675	457.742
	6548.857	3.941	458.130	458.196
	6548.857	11.940	458.587	458.653
	6548.857	20.000	459.048	459.114
27.0	6558.429	- 20.000	457.213	457.290
	6558.429	- 12.039	457.636	457.714
	6558.429	- 4.039	458.062	458.139
	6558.429	4.000	458.490	458.567
27.5	6568.000	20.000	456.750	456.832
	6568.000	12.000	457.145	457.227
	6568.000	4.000	457.540	457.621
	6568.000	4.000	457.935	458.016
28.0	6577.571	20.000	456.286	456.364
	6577.571	12.000	456.651	456.729
	6577.571	4.000	457.015	457.093
	6577.571	4.000	457.379	457.457
28.5	6587.143	- 20.000	455.823	455.891
	6587.143	- 12.000	456.157	456.224
	6587.143	- 4.000	456.490	456.558
	6587.143	4.000	456.824	456.891
29.0	6596.714	- 20.000	455.360	455.412
	6596.714	- 12.000	455.663	455.715
	6596.714	- 4.000	455.966	456.018
	6596.714	4.000	456.268	456.321
29.5	6606.286	- 20.000	454.897	454.932
	6606.286	- 12.000	455.169	455.204
	6606.286	- 4.000	455.441	455.476
	6606.286	4.000	455.713	455.748
30.0	6615.857	- 20.000	454.434	454.452
	6615.857	- 12.000	454.675	454.693
	6615.857	- 4.000	454.916	454.935
	6615.857	4.000	455.158	455.176
30.5	6625.429	20.000	453.974	453.980
	6625.429	- 12.000	454.185	454.191
	6625.429	- 4.000	454.395	454.401
	6625.429	4.000	454.606	454.612

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
31.0	6635.000	20.000	453.526	453.526
	6635.000	12.000	453.706	453.706
	6635.000	4.000	453.886	453.886
	6635.000	4.000	454.066	454.066
31.5	6644.571	- 20.000	453.091	453.093
	6644.571	12.000	453.240	453.242
	6644.571	- 4.000	453.389	453.392
	6644.571	4.000	453.538	453.541
32.0	6654.143	- 20.000	452.667	452.679
	6654.143	- 12.000	452.786	452.798
	6654.143	- 4.000	452.904	452.916
	6654.143	4.000	453.023	453.035
32.5	6663.714	- 20.000	452.256	452.283
	6663.714	- 12.000	452.344	452.370
	6663.714	- 4.000	452.432	452.458
	6663.714	4.000	452.520	452.546
33.0	6673.286	- 20.000	451.857	451.899
	6673.286	- 12.000	451.914	451.956
	6673.286	- 4.000	451.971	452.013
	6673.286	4.000	452.029	452.070
33.5	6682.857	- 20.000	451.471	451.525
	6682.857	- 12.000	451.497	451.551
	6682.857	- 4.000	451.523	451.578
	6682.857	1.000	451.550	451.604
34.0	6692.429	- 20.000	451.096	451.158
	6692.429	- 12.000	451.092	451.154
	6692.429	- 4.000	451.087	451.149
	6692.429	4.000	451.083	451.145
34.5	6702.000	20.000	450.733	450.796
	6702.000	12.000	450.698	450.761
	6702.000	4.000	450.663	450.726
	6702.000	4.000	450.628	450.691

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
35.0	6711.571	20.000	450.383	450.439
	6711.571	12.000	450.317	450.373
	6711.571	4.000	450.252	450.307
	6711.571	4.000	450.186	450.241
35.5	6720.071	20.000	450.082	450.126
	6720.071	12.000	449.989	450.033
	6720.071	4.000	449.896	449.939
	6720.071	4.000	449.803	449.846
36.0	6728.571	20.000	449.791	449.817
	6728.571	12.000	449.671	449.696
	6728.571	4.000	449.550	449.576
	6728.571	4.000	449.430	449.456
36.5	6733.619	- 20.000	449.523	449.636
	6733.619	- 12.000	449.486	449.499
	6733.619	- 4.000	449.349	449.363
	6733.619	4.000	449.213	449.226
37.0	6738.666	20.000	449.458	449.458
	6738.666	12.000	449.305	449.305
	6738.666	4.000	449.152	449.152
	6738.666	4.000	448.999	448.999

Note: For Notes see Sheet No. 126

R. M. R.
A. S.
A. J. C.
K. A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS M10 THRU M12

POPLAR STREET BRIDGE APPROACHES

RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 162 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	216
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.0	6741.334	- 20.000	449.372	449.372
	6741.334	- 12.000	449.210	449.210
	6741.334	- 4.000	449.049	449.049
	6741.334	4.000	448.888	448.888
38.5	6747.333	- 20.000	449.182	449.195
	6747.333	- 12.000	449.002	449.014
	6747.333	- 4.000	448.821	448.833
	6747.333	4.000	448.640	448.653
39.0	6753.333	- 20.000	448.997	449.021
	6753.333	- 12.000	448.797	448.821
	6753.333	- 4.000	448.598	448.621
	6753.333	4.000	448.398	448.421
39.5	6762.917	- 20.000	448.712	448.749
	6762.917	- 12.000	448.481	448.519
	6762.917	- 4.000	448.251	448.288
	6762.917	4.000	448.020	448.058
40.0	6772.500	- 20.000	448.439	448.483
	6772.500	- 12.000	448.177	448.221
	6772.500	- 4.000	447.916	447.960
	6772.500	4.000	447.655	447.699
40.5	6782.083	- 20.000	448.178	448.220
	6782.083	- 12.000	447.886	447.928
	6782.083	- 4.000	447.594	447.636
	6782.083	4.000	447.302	447.344
41.0	6791.667	- 20.000	447.929	447.964
	6791.667	- 12.000	447.606	447.641
	6791.667	- 4.000	447.283	447.318
	6791.667	4.000	446.961	446.996
41.5	6801.250	- 20.000	447.693	447.715
	6801.250	- 12.000	447.339	447.362
	6801.250	- 4.000	446.985	447.008
	6801.250	4.000	446.632	446.655

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.0	6810.833	- 20.000	447.468	447.478
	6810.833	- 11.994	447.084	447.094
	6810.833	- 3.994	446.699	446.709
	6810.833	4.000	446.315	446.325
42.5	6820.417	- 20.000	447.256	447.258
	6820.417	- 11.978	446.840	446.841
	6820.417	- 3.978	446.425	446.426
	6820.417	4.000	446.011	446.012
43.0	6830.000	- 20.000	447.057	447.057
	6830.000	- 11.979	446.609	446.609
	6830.000	- 3.979	446.162	446.162
	6830.000	4.000	445.717	445.717
43.5	6839.583	- 20.000	446.870	446.876
	6839.583	- 11.940	446.387	446.394
	6839.583	- 3.941	445.909	445.916
	6839.583	4.000	445.434	445.440
44.0	6849.167	- 20.000	446.695	446.715
	6849.167	- 11.901	446.178	446.198
	6849.167	- 3.902	445.667	445.688
	6849.167	4.000	445.163	445.183
44.5	6858.750	- 20.000	446.532	446.570
	6858.750	- 11.940	445.985	446.023
	6858.750	- 3.941	445.443	445.480
	6858.750	4.000	444.904	444.942
45.0	6868.333	- 20.000	446.382	446.436
	6868.333	- 11.960	445.804	445.858
	6868.333	- 3.960	445.230	445.284
	6868.333	4.000	444.658	444.712
45.5	6877.917	- 20.000	446.243	446.309
	6877.917	- 11.920	445.631	445.696
	6877.917	- 3.921	445.024	445.090
	6877.917	4.000	444.424	444.489

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.0	6887.500	- 20.000	446.117	446.187
	6887.500	- 11.960	445.476	445.545
	6887.500	- 3.960	444.837	444.906
	6887.500	4.000	444.202	444.271
46.5	6897.083	- 20.000	445.988	446.054
	6897.083	- 11.940	445.343	445.409
	6897.083	- 3.941	444.704	444.769
	6897.083	4.000	444.068	444.134
47.0	6906.667	- 20.000	445.871	445.925
	6906.667	- 11.901	445.223	445.277
	6906.667	- 3.902	444.583	444.637
	6906.667	4.000	443.951	444.005
47.5	6916.250	- 20.000	445.765	445.803
	6916.250	- 11.940	445.120	445.158
	6916.250	- 3.941	444.480	444.518
	6916.250	4.000	443.845	443.883
48.0	6925.833	- 20.000	445.672	445.692
	6925.833	- 11.960	445.029	445.049
	6925.833	- 3.960	444.389	444.409
	6925.833	4.000	443.752	443.772
48.5	6935.417	- 20.000	445.591	445.592
	6935.417	- 11.920	444.945	444.945
	6935.417	- 3.921	444.305	444.305
	6935.417	4.000	443.671	443.672
49.0	6945.000	- 20.000	445.522	445.522
	6945.000	- 11.960	444.879	444.879
	6945.000	- 3.960	444.239	444.239
	6945.000	4.000	443.602	443.602

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.5	6954.583	- 20.000	445.466	445.467
	6954.583	- 11.940	444.821	444.822
	6954.583	- 3.941	444.181	444.182
	6954.583	4.000	443.546	443.547
50.0	6964.167	- 20.000	445.421	445.431
	6964.167	- 11.901	444.773	444.783
	6964.167	- 3.902	444.133	444.143
	6964.167	4.000	443.501	443.511
50.5	6973.750	- 20.000	445.389	445.411
	6973.750	- 11.940	444.744	444.767
	6973.750	- 3.941	444.104	444.127
	6973.750	4.000	443.469	443.492
51.0	6983.333	- 20.000	445.369	445.403
	6983.333	- 11.960	444.726	444.760
	6983.333	- 3.960	444.086	444.120
	6983.333	4.000	443.449	443.484
51.5	6992.917	- 20.000	445.361	445.402
	6992.917	- 11.920	444.715	444.756
	6992.917	- 3.921	444.075	444.116
	6992.917	4.000	443.441	443.483
52.0	7002.500	- 20.000	445.366	445.407
	7002.500	- 11.960	444.722	444.764
	7002.500	- 3.960	444.082	444.123
	7002.500	4.000	443.446	443.486
52.5	7011.083	- 20.000	445.380	445.415
	7011.083	- 11.961	444.737	444.771
	7011.083	- 3.963	444.097	444.130
	7011.083	4.000	443.460	443.492

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.0	7019.667	- 20.000	445.404	445.427
	7019.667	- 11.937	444.759	444.780
	7019.667	- 3.942	444.119	444.140
	7019.667	4.000	443.484	443.503
53.5	7024.612	- 20.000	445.422	445.436
	7024.612	- 11.952	444.778	444.791
	7024.612	- 3.958	444.139	444.150
	7024.612	4.000	443.502	443.512
54.0	7031.542	- 20.000	445.454	445.454
	7030.756	- 11.999	444.810	444.810
	7029.958	- 3.999	444.166	444.166
	7029.150	4.000	443.522	443.522

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS M13 THRU A5-M
POPLAR STREET BRIDGE APPROACHES
RAMP "M"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 163 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	217
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1	1997.152	– 20.014	450.680	450.680
	1998.288	– 12.007	450.607	450.607
	1999.424	– 4.000	450.527	450.527
	2000.560	4.007	450.440	450.440

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+10'	2007.150	– 19.913	450.766	450.841
	2008.286	– 11.907	450.682	450.713
	2009.422	– 3.900	450.552	450.603
	2010.558	4.107	450.434	450.500

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+20'	2017.149	– 19.813	450.852	450.985
	2018.285	– 11.806	450.717	450.807
	2019.421	– 3.799	450.576	450.666
	2020.558	4.208	450.427	450.544

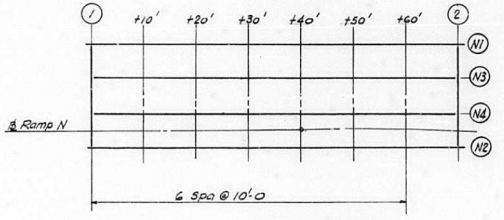
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+30'	2027.148	– 19.712	450.937	451.105
	2028.284	– 11.706	450.771	450.884
	2029.420	– 3.699	450.599	450.712
	2030.557	4.308	450.419	450.565

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+40'	2037.147	– 19.612	451.020	451.193
	2038.284	– 11.605	450.824	450.939
	2039.420	– 3.599	450.621	450.736
	2040.562	4.408	450.411	450.556

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+50'	2046.940	– 19.552	451.108	451.257
	2048.141	– 11.559	450.881	450.978
	2049.369	– 3.568	450.646	450.741
	2050.626	4.422	450.403	450.520

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
1+60'	2056.667	– 19.626	451.200	451.300
	2057.977	– 11.651	450.942	451.005
	2059.317	– 3.679	450.675	450.733
	2060.687	4.232	450.400	450.466

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
2	2070.703	– 19.979	451.344	451.344
	2070.688	– 11.979	451.031	451.031
	2070.673	– 3.979	450.717	450.717
	2070.658	4.022	450.404	450.404



LOCATION PLAN
SPAN D11-N

Note: Stringers are identified in the Tables by their offset.

Note: For Notes see Sheet No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPAN D11-N

POPLAR STREET BRIDGE APPROACHES
RAMP "N"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 164 OF 526

NED BY R.M.R.
N BY A.S.
KED BY A.J.C.
OVED BY K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	218
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	2073.297	- 20.000	451.370	451.370
	2073.312	- 12.000	451.047	451.047
	2073.327	- 4.000	450.725	450.725
	2073.342	4.000	450.403	450.403
3.5	2079.333	- 20.000	451.427	451.438
	2079.333	- 11.907	451.080	451.092
	2079.333	- 3.909	450.738	450.749
	2079.333	4.000	450.399	450.411
4.0	2085.333	- 20.000	451.483	451.505
	2085.333	- 11.868	451 115	451.137
	2085.333	- 3.869	450.752	450.775
	2085.333	4.000	450.396	450.418
4.5	2094.917	- 20.000	451.574	451.609
	2094.917	- 11.912	451.175	451.210
	2094.917	- 3.913	450.780	450.816
	2094.917	4.000	450.390	450.426
5.0	2104.500	- 20.000	451.663	451.706
	2104.500	- 11.956	451.235	451.277
	2104.500	- 3.956	450.800	450.850
	2104.500	4.000	450.384	450.426
5.5	2114.083	- 20.000	451.749	451.791
	2114.083	- 11.945	451.288	451.329
	2114.083	- 3.946	450.829	450.871
	2114.083	4.000	450.374	450.416
6.0	2123.667	- 20.000	451.831	451.866
	2123.667	- 11.956	451.338	451.373
	2123.667	- 3.956	450.847	450.882
	2123.667	4.000	450.360	450.395
6.5	2133.250	- 20.000	451.907	451.931
	2133.250	- 11.945	451.381	451.405
	2133.250	- 3.946	450.859	450.883
	2133.250	4.000	450.340	450.364

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	2142.833	- 20.000	451.979	451.991
	2142.833	- 11.956	451.422	451.434
	2142.833	- 3.956	450.868	450.880
	2142.833	4.000	450.316	450.328
7.5	2152.417	- 20.000	452.047	452.060
	2152.417	- 11.945	451.456	451.469
	2152.417	- 3.946	450.870	450.883
	2152.417	4.000	450.288	450.291
8.0	2162.000	- 20.000	452.109	452.109
	2162.000	- 11.956	451.488	451.468
	2162.000	- 3.956	450.869	450.869
	2162.000	4.000	450.254	450.254
8.5	2171.583	- 20.000	452.142	452.146
	2171.583	- 11.945	451.497	451.502
	2171.583	- 3.946	450.857	450.862
	2171.583	4.000	450.222	450.226
9.0	2181.167	- 20.000	452.115	452.130
	2181.167	- 11.956	451.472	451.487
	2181.167	- 3.956	450.832	450.847
	2181.167	4.000	450.195	450.210
9.5	2190.750	- 20.000	452.084	452.112
	2190.750	- 11.945	451.440	451.468
	2190.750	- 3.946	450.800	450.828
	2190.750	4.000	450.164	450.182
10.0	2200.333	- 20.000	452.048	452.089
	2200.333	- 11.956	451.405	451.446
	2200.333	- 3.956	450.765	450.806
	2200.333	4.000	450.128	450.169
10.5	2209.917	- 20.000	452.008	452.058
	2209.917	- 11.945	451.364	451.413
	2209.917	- 3.946	450.724	450.773
	2209.917	4.000	450.088	450.138

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	2219.500	- 20.000	451.963	452.016
	2219.500	- 11.956	451.319	451.372
	2219.500	- 3.956	450.680	450.732
	2219.500	4.000	450.043	450.096
11.5	2229.083	- 20.000	451.913	451.963
	2229.083	- 11.945	451.269	451.318
	2229.083	- 3.946	450.629	450.678
	2229.083	4.000	449.993	450.043
12.0	2238.667	- 20.000	451.859	451.899
	2238.667	- 11.956	451.216	451.256
	2238.667	- 3.956	450.576	450.616
	2238.667	4.000	449.939	449.979
12.5	2248.250	- 20.000	451.800	451.827
	2248.250	- 11.945	451.156	451.183
	2248.250	- 3.946	450.516	450.543
	2248.250	4.000	449.880	449.907
13.0	2257.833	- 20.000	451.727	451.751
	2257.833	- 11.956	451.093	451.107
	2257.833	- 3.956	450.453	450 [illegible]67
	2257.833	4.000	449.817	449.831
13.5	2267.417	- 20.000	451.668	451.673
	2267.417	- 11.945	451.024	451.028
	2267.417	- 3.946	450.384	450.388
	2267.417	4.000	449.748	449.753
14.0	2277.000	- 20.000	451.596	451.596
	2277.000	- 11.956	450.952	450.952
	2277.000	- 3.956	450.312	450.312
	2277.000	4.000	449.676	449.676
14.5	2286.583	- 20.000	451.518	451.522
	2286.583	- 11.945	450.874	450.878
	2286.583	- 3.946	450.234	450.238
	2286.583	4.000	449.598	449.602
15.0	2296.167	- 20.000	451.436	451.450
	2296.167	- 11.956	450.792	450.807
	2296.167	- 3.956	450.152	450.167
	2296.167	4.000	449.516	449.530

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.5	2305.750	- 20.000	451.350	451.377
	2305.750	- 11.945	450.706	450.733
	2305.750	- 3.946	450.066	450.093
	2305.750	4.000	449.430	449.457
16.0	2315.333	- 20.000	451.264	451.304
	2315.333	- 11.956	450.620	450.660
	2315.333	- 3.956	449.980	450.021
	2315.333	4.000	449.344	449.384
16.5	2324.917	- 20.000	451.178	451.227
	2324.917	- 11.945	450.533	450.582
	2324.917	- 3.946	449.893	449.943
	2324.917	4.000	449.258	449.307
17.0	2334.500	- 20.000	451.091	451.144
	2334.500	- 11.956	450.448	450.501
	2334.500	- 3.956	449.808	449.861
	2334.500	4.000	449.171	449.224
17.5	2344.083	- 20.000	451.005	451.055
	2344.083	- 11.945	450.361	450.410
	2344.083	- 3.946	449.721	449.770
	2344.083	4.000	449.085	449.135
18.0	2353.667	- 20.000	450.919	450.960
	2353.667	- 11.956	450.275	450.316
	2353.667	- 3.956	449.635	449.676
	2353.667	4.000	448.999	449.040
18.5	2363.250	- 20.000	450.832	450.861
	2363.250	- 11.945	450.188	450.216
	2363.250	- 3.946	449.548	449.576
	2363.250	4.000	448.912	448.941
19.0	2372.833	- 20.000	450.746	450.761
	2372.833	- 11.956	450.103	450.118
	2372.833	- 3.956	449.463	449.478
	2372.833	4.000	448.826	448.841
19.5	2382.417	- 20.000	450.660	450.665
	2382.417	- 11.945	450.016	450.020
	2382.417	- 3.946	449.376	449.380
	2382.417	4.000	448.740	448.745

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
20.0	2392.000	- 20.000	450.574	450.574
	2392.000	- 11.956	449.930	449.930
	2392.000	- 3.956	449.290	449.290
	2392.000	4.000	448.654	448.654
20.5	2401.583	- 20.000	450.487	450.491
	2401.583	- 11.945	449.843	449.846
	2401.583	- 3.946	449.203	449.206
	2401.583	4.000	448.567	448.571
21.0	2411.167	- 20.000	450.401	450.413
	2411.167	- 11.956	449.758	449.770
	2411.167	- 3.956	449.118	449.130
	2411.167	4.000	448.481	448.493
21.5	2420.750	- 20.000	450.315	450.339
	2420.750	- 11.945	449.670	449.694
	2420.750	- 3.946	449.031	449.054
	2420.750	4.000	448.395	448.419
22.0	2430.333	- 20.000	450.229	450.264
	2430.333	- 11.956	449.585	449.620
	2430.333	- 3.956	448.945	448.980
	2430.333	4.000	448.309	448.344
22.5	2439.917	- 20.000	450.142	450.184
	2439.917	- 11.945	449.498	449.540
	2439.917	- 3.946	448.858	448.900
	2439.917	4.000	448.222	448.264

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
23.0	2449.500	- 20.000	450.056	450.098
	2449.500	- 11.956	449.413	449.455
	2449.500	- 3.956	448.773	448.815
	2449.500	4.000	448.136	448.178
23.5	2459.083	- 20.000	449.970	450.005
	2459.083	- 11.945	449.325	449.361
	2459.083	- 3.946	448.685	448.721
	2459.083	4.000	448.050	448.085
24.0	2468.667	- 20.000	449.884	449.906
	2468.667	- 11.965	449.241	449.263
	2468.667	- 3.965	448.601	448.623
	2468.667	4.000	447.964	447.986
24.5	2474.667	- 20.000	449.830	449.841
	2474.667	- 11.956	449.186	449.198
	2474.667	- 3.957	448.546	448.558
	2474.667	4.000	447.910	447.921
25.0	2480.703	- 20.000	449.775	449.775
	2480.688	- 12.000	449.135	449.135
	2480.673	- 4.000	448.495	448.495
	2480.658	4.000	447.856	447.856

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS N1 THRU N4
POPLAR STREET BRIDGE APPROACHES
RAMP "N"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
165 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	219
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	701.311 -	20.000	460.655	460.655
	701.525 -	12.000	460.016	460.016
	701.741 -	4.000	459.376	459.376
	701.959	4.000	458.737	458.737

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	708.924 -	20.000	460.677	460.692
	708.924 -	11.955	460.033	460.048
	708.924 -	3.957	459.393	459.407
	708.924	4.000	458.756	458.770

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	716.000 -	20.000	460.697	460.724
	716.000 -	11.939	460.052	460.079
	716.000 -	3.940	459.412	459.438
	716.000	4.000	458.776	458.803

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	726.250 -	20.000	460.726	460.767
	726.250 -	11.961	460.083	460.123
	726.250 -	3.961	459.442	459.482
	726.250	4.000	458.805	458.845

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	736.500 -	20.000	460.756	460.801
	736.500 -	11.962	460.112	460.158
	736.500 -	3.962	459.471	459.517
	736.500	4.000	458.834	458.880

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	746.750 -	20.000	460.785	460.829
	746.750 -	11.903	460.136	460.180
	746.750 -	3.903	459.496	459.539
	746.750	4.000	458.863	458.907

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	757.000 -	20.000	460.814	460.849
	757.000 -	11.897	460.165	460.200
	757.000 -	3.897	459.524	459.560
	757.000	4.000	458.892	458.927

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	767.250 -	20.000	460.843	460.866
	767.250 -	11.945	460.198	460.220
	767.250 -	3.945	459.557	459.579
	767.250	4.000	458.921	458.943

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	777.500 -	20.000	460.871	460.881
	777.500 -	11.983	460.229	460.239
	777.500 -	3.983	459.588	459.598
	777.500	4.000	458.949	458.958

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	787.750 -	20.000	460.898	460.899
	787.750 -	11.977	460.255	460.257
	787.750 -	3.977	459.615	459.616
	787.750	4.000	458.977	458.977

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	798.866 -	20.000	460.926	460.926
	798.523 -	11.961	460.282	460.282
	798.175 -	3.964	459.641	459.641
	797.822	4.000	459.003	459.003

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	807.286 -	20.000	460.948	460.953
	807.286 -	11.957	460.304	460.309
	807.286 -	3.958	459.664	459.670
	807.286	4.000	459.028	459.033

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	816.571 -	20.000	460.972	460.987
	816.571 -	11.964	460.329	460.344
	816.571 -	3.965	459.689	459.705
	816.571	4.000	459.052	459.068

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	825.857 -	20.000	460.996	461.025
	825.857 -	11.957	460.352	460.382
	825.857 -	3.958	459.712	459.742
	825.857	4.000	459.076	459.106

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	835.143 -	1...000	461.019	461.064
	835.143 -	11.945	460.375	460.420
	835.143 -	3.945	459.735	459.780
	835.143	4.000	459.099	459.145

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	844.429 -	20.000	461.043	461.101
	844.429 -	11.832	460.395	460.453
	844.429 -	3.893	459.755	459.813
	844.429	4.000	459.123	459.182

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	853.714 -	20.000	461.067	461.134
	853.714 -	11.945	460.423	460.490
	853.714 -	3.945	459.783	459.850
	853.714	4.000	459.147	459.215

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	863.000 -	20.000	461.091	461.162
	863.000 -	11.957	460.448	460.518
	863.000 -	3.958	459.808	459.878
	863.000	4.000	459.171	459.242

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	872.286 -	20.000	461.115	461.182
	872.286 -	11.964	460.472	460.539
	872.286 -	3.965	459.832	459.899
	872.286	4.000	459.195	459.262

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	881.571 -	20.000	461.138	461.196
	881.571 -	11.957	460.494	460.552
	881.571 -	3.958	459.854	459.912
	881.571	4.000	459.218	459.275

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	890.857 -	20.000	461.153	461.197
	890.857 -	11.964	460.510	460.554
	890.857 -	3.965	459.870	459.914
	890.857	4.000	459.233	459.277

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	900.143 -	20.000	461.158	461.188
	900.143 -	11.957	460.515	460.544
	900.143 -	3.958	459.875	459.904
	900.143	4.000	459.238	459.267

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	909.429 -	20.000	461.154	461.170
	909.429 -	11.964	460.512	460.527
	909.429 -	3.965	459.872	459.887
	909.429	4.000	459.234	459.249

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.5	918.714 -	20.000	461.141	461.146
	918.714 -	11.957	460.498	460.502
	918.714 -	3.958	459.858	459.862
	918.714	4.000	459.221	459.226

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.0	928.000 -	20.000	461.118	461.118
	928.000 -	11.964	460.475	460.475
	928.000 -	3.965	459.835	459.835
	928.000	4.000	459.198	459.198

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.5	938.250 -	20.000	461.082	461.084
	938.250 -	11.946	460.438	460.439
	938.250 -	3.946	459.798	459.799
	938.250	4.000	459.162	459.164

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.0	948.500 -	20.000	461.034	461.045
	948.500 -	11.960	460.391	460.402
	948.500 -	3.960	459.751	459.762
	948.500	4.000	459.114	459.125

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.5	958.750 -	20.000	460.975	461.000
	958.750 -	11.946	460.330	460.356
	958.750 -	3.946	459.691	459.716
	958.750	4.000	459.055	459.080

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	969.000 -	20.000	460.904	460.943
	969.000 -	11.960	460.261	460.300
	969.000 -	3.960	459.621	459.660
	969.000	4.000	458.984	459.023

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.5	979.250 -	20.000	460.822	460.871
	979.250 -	11.946	460.177	460.226
	979.250 -	3.946	459.537	459.586
	979.250	4.000	458.902	458.951

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.0	989.500 -	20.000	460.728	460.780
	989.500 -	11.960	460.085	460.136
	989.500 -	3.960	459.445	459.496
	989.500	4.000	458.808	458.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.5	999.750 -	20.000	460.622	460.669
	999.750 -	11.893	459.974	460.021
	999.750 -	3.894	459.334	459.381
	999.750	4.000	458.702	458.749

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.0	1010.000 -	20.000	460.505	460.540
	1010.000 -	11.822	459.851	459.886
	1010.000 -	3.824	459.211	459.246
	1010.000	4.000	458.585	458.620

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.5	1018.833 -	20.000	460.395	460.414
	1018.833 -	11.863	459.744	459.763
	1018.833 -	3.865	459.104	459.123
	1018.833	4.000	458.475	458.494

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
18.0	1027.697 -	20.000	460.276	460.276
	1027.685 -	12.000	459.636	459.636
	1027.672 -	4.000	458.997	458.997
	1027.659	4.000	458.357	458.357

Note: For Notes see Sheet No. 126

DESIGNED BY R. M. R.
DRAWN BY A. S.
CHECKED BY A. J. C.
APPROVED BY K. A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS 01 THRU 03

POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 166 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	219
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	701.311	- 20.000	460.655	460.655
	701.525	- 12.000	460.016	460.016
	701.741	- 4.000	459.376	459.376
	701.959	4.000	458.737	458.737

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	708.924	- 20.000	460.677	460.692
	708.924	- 11.955	460.033	460.048
	708.924	- 3.957	459.393	459.407
	708.924	4.000	458.756	458.771

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	716.000	- 20.000	460.697	460.724
	716.000	- 11.939	460.052	460.079
	716.000	- 3.940	459.412	459.438
	716.000	4.000	458.776	458.803

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	726.250	- 20.000	460.726	460.767
	726.250	- 11.961	460.083	460.123
	726.250	- 3.961	459.442	459.482
	726.250	4.000	458.805	458.845

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	736.500	- 20.000	460.756	460.801
	736.500	- 11.962	460.112	460.158
	736.500	- 3.962	459.471	459.517
	736.500	4.000	458.834	458.880

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	746.750	- 20.000	460.785	460.819
	746.750	- 11.903	460.136	460.180
	746.750	- 3.903	459.496	459.539
	746.750	4.000	458.863	458.907

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	757.000	- 20.000	460.814	460.849
	757.000	- 11.897	460.165	460.200
	757.000	- 3.897	459.524	459.560
	757.000	4.000	458.892	458.927

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	767.250	- 20.000	460.843	460.866
	767.250	- 11.945	460.198	460.220
	767.250	- 3.945	459.557	459.579
	767.250	4.000	458.921	458.943

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	777.500	- 20.000	460.871	460.881
	777.500	- 11.983	460.229	460.239
	777.500	- 3.983	459.588	459.598
	777.500	4.000	458.949	458.958

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	787.750	- 20.000	460.898	460.899
	787.750	- 11.977	460.255	460.257
	787.750	- 3.977	459.615	459.616
	787.750	4.000	458.977	458.977

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	798.866	- 20.000	460.926	460.926
	798.523	- 11.961	460.282	460.282
	798.175	- 3.964	459.641	459.641
	797.822	4.000	459.003	459.003

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	807.286	- 20.000	460.948	460.953
	807.286	- 11.957	460.304	460.309
	807.286	- 3.958	459.664	459.670
	807.286	4.000	459.028	459.033

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	816.571	- 20.000	460.972	460.987
	816.571	- 11.964	460.329	460.344
	816.571	- 3.965	459.689	459.705
	816.571	4.000	459.052	459.068

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	825.857	- 20.000	460.996	461.025
	825.857	- 11.957	460.352	460.382
	825.857	- 3.958	459.712	459.742
	825.857	4.000	459.076	459.106

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	835.143	- 20.000	461.019	461.064
	835.143	- 11.945	460.375	460.420
	835.143	- 3.945	459.735	459.780
	835.143	4.000	459.099	459.145

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	844.429	- 20.000	461.043	461.101
	844.429	- 11.892	460.395	460.453
	844.429	- 3.893	459.755	459.813
	844.429	4.000	459.123	459.182

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	853.714	- 20.000	461.067	461.134
	853.714	- 11.945	460.423	460.490
	853.714	- 3.945	459.783	459.850
	853.714	4.000	459.147	459.215

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	863.000	- 20.000	461.091	461.162
	863.000	- 11.957	460.448	460.518
	863.000	- 3.958	459.808	459.878
	863.000	4.000	459.171	459.242

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	872.286	- 20.000	461.115	461.182
	872.286	- 11.964	460.472	460.539
	872.286	- 3.965	459.832	459.899
	872.286	4.000	459.195	459.262

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	881.571	- 20.000	461.138	461.196
	881.571	- 11.957	460.494	460.552
	881.571	- 3.958	459.854	459.912
	881.571	4.000	459.218	459.275

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	890.857	- 20.000	461.153	461.197
	890.857	- 11.964	460.510	460.554
	890.857	- 3.965	459.870	459.914
	890.857	4.000	459.233	459.277

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	900.143	- 20.000	461.158	461.188
	900.143	- 11.957	460.515	460.544
	900.143	- 3.958	459.875	459.904
	900.143	4.000	459.238	459.267

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	909.429	- 20.000	461.154	461.170
	909.429	- 11.964	460.512	460.527
	909.429	- 3.965	459.872	459.887
	909.429	4.000	459.234	459.249

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.5	918.714	- 20.000	461.141	461.146
	918.714	- 11.957	460.498	460.502
	918.714	- 3.958	459.858	459.862
	918.714	4.000	459.221	459.226

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.0	928.000	- 20.000	461.118	461.118
	928.000	- 11.964	460.475	460.475
	928.000	- 3.965	459.835	459.835
	928.000	4.000	459.198	459.198

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.5	938.250	- 20.000	461.082	461.084
	938.250	- 11.946	460.438	460.439
	938.250	- 3.946	459.798	459.799
	938.250	4.000	459.162	459.164

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.0	948.500	- 20.000	461.034	461.045
	948.500	- 11.960	460.391	460.402
	948.500	- 3.960	459.751	459.762
	948.500	4.000	459.114	459.125

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.5	958.750	- 20.000	460.975	461.000
	958.750	- 11.946	460.330	460.356
	958.750	- 3.946	459.691	459.716
	958.750	4.000	459.055	459.080

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	969.000	- 20.000	460.904	460.943
	969.000	- 11.960	460.261	460.300
	969.000	- 3.960	459.621	459.660
	969.000	4.000	458.984	459.023

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.5	979.250	- 20.000	460.822	460.871
	979.250	- 11.946	460.177	460.226
	979.250	- 3.946	459.537	459.586
	979.250	4.000	458.902	458.951

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.0	989.500	- 20.000	460.728	460.780
	989.500	- 11.960	460.085	460.136
	989.500	- 3.960	459.445	459.496
	989.500	4.000	458.808	458.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.5	999.750	- 20.000	460.622	460.669
	999.750	- 11.893	459.974	460.021
	999.750	- 3.894	459.334	459.381
	999.750	4.000	458.702	458.749

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.0	1010.000	- 20.000	460.505	460.540
	1010.000	- 11.822	459.851	459.886
	1010.000	- 3.824	459.211	459.246
	1010.000	4.000	458.585	458.620

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.5	1018.833	- 20.000	460.395	460.414
	1018.833	- 11.863	459.744	459.763
	1018.833	- 3.865	459.104	459.123
	1018.833	4.000	458.475	458.494

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
18.0	1027.697	- 20.000	460.276	460.276
	1027.685	- 12.000	459.636	459.636
	1027.672	- 4.000	458.997	458.997
	1027.659	4.000	458.357	458.357

Note: For Notes see Sheet No. 126

DESIGNED BY R. M. R.
DRAWN BY A. S.
CHECKED BY A. J. G.
APPROVED BY K. A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS 01 THRU 03
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 166 OF 326

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	220
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
19.0	1030.303	- 20.000	460.235	460.235
	1030.315	- 12.000	459.597	459.597
	1030.328	- 4.000	458.958	458.958
	1030.341	4.000	458.320	458.320
19.5	1036.333	- 20.000	460.097	460.108
	1036.333	- 11.822	459.473	459.484
	1036.333	- 3.823	458.855	458.866
	1036.333	4.000	458.243	458.254
20.0	1042.333	- 20.000	459.956	459.977
	1042.333	- 11.889	459.350	459.370
	1042.333	- 3.890	458.752	458.772
	1042.333	4.000	458.162	458.182
20.5	1051.917	- 20.000	459.722	459.755
	1051.917	- 11.926	459.151	459.184
	1051.917	- 3.927	458.585	458.618
	1051.917	4.000	458.024	458.057
21.0	1061.500	- 20.000	459.478	459.518
	1061.500	- 11.963	458.942	458.981
	1061.500	- 3.963	458.408	458.447
	1061.500	4.000	457.876	457.915
21.5	1071.083	- 20.000	459.224	459.263
	1071.083	- 11.954	458.719	458.758
	1071.083	- 3.954	458.217	458.256
	1071.083	4.000	457.718	457.757
22.0	1080.667	- 20.000	458.960	458.993
	1080.667	- 11.964	458.488	458.521
	1080.667	- 3.964	458.018	458.051
	1080.667	4.000	457.550	457.583
22.5	1090.250	- 20.000	458.686	458.709
	1090.250	- 11.956	458.246	458.269
	1090.250	- 3.956	457.808	457.831
	1090.250	4.000	457.372	457.395

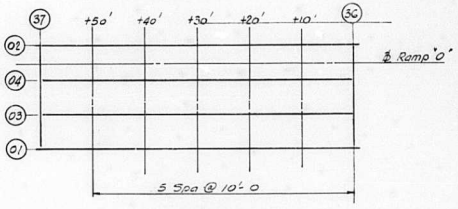
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
23.0	1099.833	- 20.000	458.411	458.423
	1099.833	- 12.000	458.002	458.013
	1099.833	- 4.000	457.592	457.604
	1099.833	4.000	457.182	457.194
23.5	1109.417	- 20.000	458.132	458.135
	1109.417	- 12.000	457.748	457.751
	1109.417	- 4.000	457.364	457.368
	1109.417	4.000	456.981	456.984
24.0	1119.000	- 20.000	457.842	457.842
	1119.000	- 12.000	457.485	457.485
	1119.000	- 4.000	457.127	457.127
	1119.000	4.000	456.769	456.769
24.5	1128.583	- 20.000	457.542	457.549
	1128.583	- 12.000	457.211	457.218
	1128.583	- 4.000	456.8[illegible]	456.886
	1128.583	4.000	456.548	456.555
25.0	1138.167	- 20.000	457.233	457.252
	1138.167	- 12.000	456.927	456.947
	1138.167	- 4.000	456.622	456.641
	1138.167	4.000	456.316	456.336
25.5	1147.750	- 20.000	456.913	456.948
	1147.750	- 12.000	456.633	456.669
	1147.750	- 4.000	456.354	456.390
	1147.750	4.000	456.075	456.110
26.0	1157.333	- 20.000	456.583	456.634
	1157.333	- 12.000	456.330	456.381
	1157.333	- 4.000	456.076	456.127
	1157.333	4.000	455.823	455.874
26.5	1166.917	- 20.000	456.243	456.305
	1166.917	- 12.000	456.016	456.078
	1166.917	- 4.000	455.788	455.850
	1166.917	4.000	455.561	455.623
27.0	1176.500	- 20.000	455.893	455.958
	1176.500	- 12.000	455.692	455.757
	1176.500	- 4.000	455.491	455.556
	1176.500	4.000	455.290	455.355

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
27.5	1186.083	- 20.000	455.532	455.594
	1186.083	- 12.000	455.357	455.419
	1186.083	- 4.000	455.183	455.244
	1186.083	4.000	455.008	455.069
28.0	1195.[illegible]	- 20.000	455.162	455.212
	1195.667	- 12.000	455.013	455.064
	1195.667	- 4.000	454.864	454.915
	1195.667	4.000	454.716	454.766
28.5	1205.250	- 20.000	454.782	454.816
	1205.250	- 12.000	454.659	454.693
	1205.250	- 4.000	454.536	454.571
	1205.250	4.000	454.414	454.448
29.0	1214.833	- 20.000	454.391	454.409
	1214.833	- 12.000	454.295	454.313
	1214.833	- 4.000	454.198	454.216
	1214.833	4.000	454.101	454.120
29.5	1224.417	- 20.000	453.991	453.996
	1224.417	- 12.000	453.920	453.926
	1224.417	- 4.000	453.850	453.855
	1224.417	4.000	453.779	453.785
30.0	1234.000	- 20.000	453.580	453.580
	1234.000	- 12.000	453.536	453.536
	1234.000	- 4.000	453.491	453.491
	1234.000	4.000	453.447	453.447
30.5	1243.583	- 20.000	453.159	453.162
	1243.583	- 12.000	453.141	453.144
	1243.583	- 4.000	453.123	453.126
	1243.583	4.000	453.105	453.108
31.0	1253.167	- 20.000	452.728	452.742
	1253.167	- 12.000	452.736	452.750
	1253.167	- 4.000	452.744	452.757
	1253.167	4.000	452.752	452.765
31.5	1262.750	- 20.000	452.288	452.315
	1262.750	- 12.000	452.322	452.349
	1262.750	- 4.000	452.356	452.383
	1262.750	4.000	452.390	452.417

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
32.0	1272.333	- 20.000	451.837	451.877
	1272.333	- 12.000	451.897	451.938
	1272.333	- 4.000	451.957	451.998
	1272.333	[illegible].000	452.017	452.058
32.5	1281.917	- 20.000	451.376	451.425
	1281.917	- 12.000	451.462	451.511
	1281.917	- 4.000	451.548	451.597
	1281.917	4.000	451.634	451.683
33.0	1291.500	- 20.000	450.904	450.954
	1291.500	- 12.000	451.017	451.067
	1291.500	- 4.000	451.129	451.179
	1291.500	4.000	451.241	451.291
33.5	1301.083	- 20.000	450.423	450.466
	1301.083	- 12.000	450.562	450.604
	1301.083	- 4.000	450.700	450.743
	1301.083	4.000	450.839	450.881
34.0	1310.667	- 20.000	449.932	449.959
	1310.667	- 12.000	450.097	450.123
	1310.667	- 4.000	450.261	450.288
	1310.667	4.000	450.426	450.453
34.5	1316.667	- 20.000	449.619	449.634
	1316.667	- 12.000	449.800	449.814
	1316.667	- 4.000	449.981	449.995
	1316.667	4.000	450.162	450.176
35.0	12 2.666	- 20.000	449.303	449.303
	1322.666	- 12.000	449.500	449.500
	1.22.666	- 4.000	449.697	449.697
	1322.666	4.000	449.894	449.894

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
36	1325.334	- 20.000	449.161	449.161
	1325.334	- 12.000	449.365	449.365
	1325.334	- 4.000	449.570	449.570
	1325.334	4.000	449.774	449.774
36+10'	1335.333	- 20.000	448.621	448.674
	1335.333	- 12.000	448.853	448.893
	1335.333	- 4.000	449.085	449.124
	1335.333	4.000	449.316	449.369
36+20'	1345.333	- 20.000	448.071	448.161
	1345.333	- 12.000	448.330	448.398
	1345.333	- 4.000	448.589	448.657
	1345.333	4.000	448.848	448.938
36+30'	1355.333	- 20.000	447.509	447.615
	1355.333	- 12.000	447.795	447.875
	1355.333	- 4.000	448.082	448.161
	1355.333	4.000	448.368	448.474

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
36+40'	1365.333	- 20.000	446.937	447.032
	1365.333	- 12.000	447.250	447.322
	1365.333	- 4.000	447.564	447.635
	1365.333	4.000	447.877	447.973
36+50'	1375.333	- 20.000	446.353	446.415
	1375.333	- 12.000	446.694	446.741
	1375.333	- 4.000	447.035	447.081
	1375.333	4.000	447.376	447.438
37	1387.666	- 20.000	445.619	445.619
	1387.666	- 12.000	445.993	445.993
	1387.666	- 4.000	446.367	446.367
	1387.666	4.000	446.742	446.742



LOCATION PLAN
SPAN 07

Note: Stringers are identified in the Tables by their offset.

Note: For Notes see Sheet No. 126

SIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.G.
APPROVED BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS 04 THRU 07
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 167 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	221
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.0	1390.334	20.000	445.457	445.457
	1390.334	12.000	445.839	445.839
	1390.334	4.000	446.221	446.221
	1390.334	4.000	446.602	446.602

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
38.5	1396.833	20.000	445.062	445.075
	1396.833	12.000	445.460	445.473
	1396.833	4.000	445.859	445.873
	1396.833	4.000	446.260	446.273

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.0	1403.333	- 20.000	444.661	444.687
	1403.333	- 12.050	445.076	445.101
	1403.333	- 4.050	445.493	445.518
	1403.333	4.000	445.912	445.938

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
39.5	1413.417	- 4.000	444.021	444.061
	1413.417	3.943	444.466	444.507
	1413.417	11.942	444.915	444.955
	1413.417	2[illegible]	445.366	445.407

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.0	1423.500	- 4.000	443.364	443.411
	1423.500	3.951	443.843	443.890
	1423.500	11.951	444.325	444.373
	1423.500	20.000	444.810	444.858

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
40.5	1433.583	- 4.000	442.696	442.742
	1433.583	3.940	443.208	443.254
	1433.583	11.939	443.723	443.770
	1433.583	20.000	444.243	444.290

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.0	1443.667	- 4.000	442.016	442.055
	1443.667	3.951	442.562	442.601
	1443.667	11.951	443.112	443.151
	1443.667	20.000	443.665	443.703

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
41.5	1453.750	- 4.000	441.328	441.354
	1453.750	3.940	441.907	441.933
	1453.750	11.939	442.490	442.516
	1453.750	20.000	443.077	443.103

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.0	1463.833	- 4.000	440.639	440.651
	1463.833	3.951	441.252	441.264
	1463.833	11.951	441.869	441.881
	1463.833	20.000	442.489	442.502

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
42.5	1473.917	- 4.000	439.976	439.979
	1473.917	3.940	440.611	440.614
	1473.917	11.939	441.251	441.254
	1473.917	20.000	441.896	441.899

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.0	1484.000	- 4.000	439.371	439.371
	1484.000	3.951	440.007	440.007
	1484.000	11.951	440.647	440.647
	1484.000	20.000	441.291	441.291

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
43.5	1494.083	- 4.000	438.766	438.771
	1494.083	3.940	439.401	439.406
	1494.083	11.939	440.041	440.046
	1494.083	20.000	440.686	440.691

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.0	1504.167	- 4.000	438.161	438.177
	1504.167	3.951	438.797	438.814
	1504.167	11.951	439.437	439.454
	1504.167	20.000	440.081	440.097

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.5	1514.250	- 4.000	437.556	437.588
	1514.250	3.940	438.191	438.223
	1514.250	11.939	438.831	438.863
	1514.250	20.000	439.476	439.508

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.0	1524.333	- 4.000	436.951	436.998
	1524.333	3.951	437.587	437.634
	1524.333	11.951	438.227	438.274
	1524.333	20.000	438.871	438.918

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.5	1534.417	- 4.000	436.346	436.403
	1534.417	3.940	436.981	437.039
	1534.417	11.939	437.621	437.578
	1534.417	20.000	438.266	438.[illegible]3

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.0	1544.500	- 4.000	435.741	435.802
	1544.500	3.951	436.377	436.438
	1544.500	11.951	437.017	437.078
	1544.500	20.000	437.661	437.722

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.5	1554.583	- 4.000	435.145	435.203
	1554.583	3.940	435.781	435.838
	1554.583	11.939	436.421	436.478
	1554.583	20.000	437.065	437.123

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.0	1564.667	- 4.000	434.563	434.610
	1564.667	3.951	435.200	435.246
	1564.667	11.951	435.839	435.886
	1564.667	20.000	436.483	436.530

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.5	1574.750	- 4.000	433.995	434.027
	1574.750	3.940	434.630	434.662
	1574.750	11.939	435.270	435.302
	1574.750	20.000	435.915	435.947

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.0	1584.833	- 4.000	433.440	433.456
	1584.833	3.951	434.076	434.092
	1584.833	11.951	434.716	434.732
	1584.833	20.000	435.360	435.376

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.5	1594.917	- 4.000	432.899	432.903
	1594.917	3.940	433.534	433.539
	1594.917	11.939	434.174	434.178
	1594.917	20.000	434.819	434.823

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.0	1605.000	- 4.000	432.371	432.371
	1605.000	3.951	433.007	433.007
	1605.000	11.951	433.647	433.647
	1605.000	20.000	434.291	434.291

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.5	1615.083	- 4.000	431.857	431.859
	1615.083	3.940	432.492	432.495
	1615.083	11.939	433.132	433.134
	1615.083	20.000	433.777	433.779

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.0	1625.167	- 4.000	431.356	431.368
	1625.167	3.951	431.992	432.004
	1625.167	11.951	432.632	432.644
	1625.167	20.000	433.276	433.288

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.5	1635.250	- 4.000	430.869	430.895
	1635.250	3.940	431.504	431.530
	1635.250	11.939	432.144	432.170
	1635.250	20.000	432.789	432.815

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.0	1645.333	- 4.000	430.395	430.434
	1645.333	3.951	431.031	431.070
	1645.333	11.951	431.671	431.710
	1645.333	20.000	432.315	432.354

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.5	1655.417	- 4.000	429.935	429.981
	1655.417	3.940	430.571	430.617
	1655.417	11.939	431.210	431.257
	1655.417	20.000	431.855	431.901

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.0	1665.500	- 4.000	429.489	429.536
	1665.500	3.951	430.125	430.172
	1665.500	11.951	430.765	430.812
	1665.500	20.000	431.409	431.456

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.5	1675.583	- 4.000	429.056	429.097
	1675.583	3.940	429.691	429.732
	1675.583	11.939	430.331	430.372
	1675.583	20.000	430.976	431.017

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.0	1685.667	- 4.000	428.637	428.663
	1685.667	3.958	429.273	429.300
	1685.667	11.958	429.913	429.940
	1685.667	20.000	430.557	430.583

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.5	1692.542	- 4.000	428.358	428.373
	1692.542	3.945	428.994	429.008
	1692.542	11.944	429.634	429.648
	1692.542	20.000	430.278	430.293

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
54.0	1699.412	- 4.000	428.087	428.087
	1699.419	4.000	428.727	428.727
	1699.426	12.000	429.366	429.366
	1699.432	20.000	430.006	430.006

Note: For Notes see Sheet No. 126

ED BY R.M.R.
BY A.S.
D BY A.J.C.
ED BY K.A

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS 08 THRU 010
POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 168 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	222
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
55.0	2177.588 -	4.000	424.714	424.714
	2177.581	4.000	425.210	425.210
	2177.574	12.000	425.707	425.707
	2177.568	20.000	426.203	426.203

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
55.5	2184.292 -	4.000	424.894	424.912
	2184.292	3.990	425.367	425.385
	2184.292	11.990	425.841	425.859
	2184.292	20.000	426.316	426.334

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.0	2191.000 -	4.000	425.079	425.113
	2191.000	3.993	425.531	425.564
	2191.000	11.993	425.983	426.016
	2191.000	20.000	426.435	426.468

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56.5	2201.000 -	4.000	425.367	425.418
	2201.000	3.997	425.786	425.837
	2201.000	11.997	426.204	426.255
	2201.000	20.000	426.623	426.674

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.0	2211.000 -	4.000	425.669	425.727
	2211.000	4.000	426.054	426.113
	2211.000	12.000	426.439	426.498
	2211.000	20.000	426.824	426.883

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57.5	2221.000 -	4.000	425.983	426.041
	2221.000	4.000	426.335	426.393
	2221.000	12.000	426.687	426.745
	2221.000	20.000	427.039	427.096

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.0	2231.000 -	4.000	426.311	426.360
	2231.000	4.000	426.630	426.678
	2231.000	12.000	426.948	426.997
	2231.000	20.000	427.267	427.315

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58.5	2241.000 -	4.000	426.653	426.686
	2241.000	4.000	426.938	426.971
	2241.000	12.000	427.223	427.256
	2241.000	20.000	427.508	427.541

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.0	2251.000 -	4.000	427.007	427.024
	2251.000	4.000	427.259	427.276
	2251.000	12.000	427.511	427.528
	2251.000	20.000	427.763	427.779

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59.5	2261.000 -	4.000	427.375	427.380
	2261.000	4.000	427.594	427.598
	2261.000	12.000	427.812	427.817
	2261.000	20.000	428.031	428.035

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.0	2271.000 -	4.000	427.757	427.757
	2271.000	4.000	427.942	427.942
	2271.000	12.000	428.127	428.127
	2271.000	20.000	428.312	428.312

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
60.5	2281.000 -	4.000	428.144	428.152
	2281.000	4.000	428.310	428.318
	2281.000	12.000	428.477	428.484
	2281.000	20.000	428.643	428.651

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.0	2291.000 -	4.000	428.535	428.558
	2291.000	4.000	428.702	428.724
	2291.000	12.000	428.868	428.891
	2291.000	20.000	429.034	429.057

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
61.5	2301.000 -	4.000	428.935	428.977
	2301.000	4.000	429.101	429.143
	2301.000	12.000	429.268	429.310
	2301.000	20.000	429.434	429.476

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.0	2311.000 -	4.000	429.335	429.396
	2311.000	4.000	429.501	429.562
	2311.000	12.000	429.668	429.728
	2311.000	20.000	429.834	429.895

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
62.5	2321.000 -	4.000	429.735	429.809
	2321.000	4.000	429.901	429.975
	2321.000	12.000	430.068	430.141
	2321.000	20.000	430.234	430.308

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
63.0	2331.000 -	4.000	430.135	430.213
	2331.000	4.000	430.301	430.380
	2331.000	12.000	430.468	430.546
	2331.000	20.000	430.634	430.713

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
63.5	2341.000 -	4.000	430.535	430.609
	2341.000	4.000	430.701	430.775
	2341.000	12.000	430.868	430.941
	2341.000	20.000	431.034	431.108

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.0	2351.000 -	4.000	430.935	430.996
	2351.000	4.000	431.101	431.162
	2351.000	12.000	431.268	431.328
	2351.000	20.000	431.434	431.495

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
64.5	2361.000 -	4.000	431.335	431.377
	2361.000	4.000	431.501	431.543
	2361.000	12.000	431.668	431.710
	2361.000	20.000	431.834	431.876

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.0	2371.000 -	4.000	431.735	431.758
	2371.000	4.000	431.901	431.924
	2371.000	12.000	432.068	432.091
	2371.000	20.000	432.234	432.257

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
65.5	2381.000 -	4.000	432.135	432.143
	2381.000	4.000	432.301	432.309
	2381.000	12.000	432.468	432.476
	2381.000	20.000	432.634	432.642

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.0	2391.000 -	4.000	432.535	432.535
	2391.000	4.000	432.701	432.701
	2391.000	12.000	432.868	432.868
	2391.000	20.000	433.034	433.034

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
66.5	2401.000 -	4.000	432.935	432.939
	2401.000	4.000	433.101	433.105
	2401.000	12.000	433.268	433.272
	2401.000	20.000	433.434	433.438

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.0	2411.000 -	4.000	433.335	433.350
	2411.000	4.000	433.501	433.516
	2411.000	12.000	433.668	433.683
	2411.000	20.000	433.834	433.849

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
67.5	2421.000 -	4.000	433.735	433.765
	2421.000	4.000	433.901	433.932
	2421.000	12.000	434.068	434.098
	2421.000	20.000	434.234	434.264

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.0	2431.000 -	4.000	434.135	434.180
	2431.000	4.000	434.301	434.346
	2431.000	12.000	434.468	434.513
	2431.000	20.000	434.634	434.679

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
68.5	2441.000 -	4.000	434.535	434.589
	2441.000	4.000	434.701	434.755
	2441.000	12.000	434.868	434.921
	2441.000	20.000	435.034	435.088

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
69.0	2451.000 -	4.000	434.935	434.990
	2451.000	4.000	435.102	435.156
	2451.000	12.000	435.268	435.323
	2451.000	20.000	435.434	435.489

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
69.5	2461.000 -	4.000	435.335	435.382
	2461.000	4.000	435.502	435.548
	2461.000	12.000	435.668	435.715
	2461.000	20.000	435.834	435.881

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.0	2471.000 -	4.000	435.735	435.765
	2471.000	4.000	435.902	435.932
	2471.000	12.000	436.068	436.098
	2471.000	20.000	436.234	436.264

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
70.5	2477.333 -	4.000	435.988	436.004
	2477.333	4.000	436.155	436.171
	2477.333	12.000	436.321	436.337
	2477.333	20.000	436.488	436.504

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
71.0	2483.666 -	4.000	436.242	436.242
	2483.666	4.000	436.408	436.408
	2483.666	12.000	436.575	436.575
	2483.666	20.000	436.741	436.741

Note: For Notes see Sheet No. 126

DNED BY R.M.R.
N BY A.S.
KED BY A.J.G.
OVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS 012 THRU 014

POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 169 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	223
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	5770.297	- 20.000	471.592	471.592
	5770.312	- 12.000	470.952	470.952
	5770.327	- 4.000	470.313	470.313
	5770.342	4.000	469.673	469.673
1.5	5779.042	- 20.000	471.728	471.742
	5779.042	- 11.972	471.086	471.100
	5779.042	- 3.973	470.446	470.460
	5779.042	4.000	469.808	469.822
2.0	5787.750	- 20.000	471.855	471.880
	5787.750	- 11.948	471.211	471.236
	5787.750	- 3.949	470.571	470.596
	5787.750	4.000	469.935	469.960
2.5	5798.125	- 20.000	471.996	472.028
	5798.125	- 11.935	471.351	471.383
	5798.125	- 3.936	470.711	470.743
	5798.125	4.000	470.076	470.108
3.0	5808.500	- 20.000	472.125	472.156
	5808.500	- 11.948	471.481	471.511
	5808.500	- 3.949	470.841	470.872
	5808.500	4.000	470.205	470.236
3.5	5818.875	- 20.000	472.242	472.265
	5818.875	- 11.935	471.597	471.620
	5818.875	- 3.936	470.957	470.980
	5818.875	4.000	470.322	470.345
4.0	5829.250	- 20.000	472.348	472.360
	5829.250	- 11.948	471.704	471.715
	5829.250	- 3.949	471.064	471.075
	5829.250	4.000	470.428	470.440

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	5839.625	- 20.000	472.441	472.445
	5839.625	- 11.935	471.796	471.799
	5839.625	- 3.936	471.156	471.159
	5839.625	4.000	470.521	470.525
5.0	5850.000	- 20.000	472.523	472.523
	5850.000	- 11.927	471.877	471.877
	5850.000	- 3.928	471.238	471.238
	5850.000	4.000	470.603	470.603
5.5	5859.583	- 20.000	472.589	472.604
	5859.583	- 11.863	471.938	471.953
	5859.583	- 3.864	471.298	471.313
	5859.583	4.000	470.669	470.684
6.0	5869.167	- 20.000	472.644	472.680
	5869.167	- 11.932	471.998	472.034
	5869.167	- 3.932	471.358	471.394
	5869.167	4.000	470.724	470.760
6.5	5878.750	- 20.000	472.689	472.745
	5878.750	- 11.945	472.044	472.101
	5878.750	- 3.946	471.404	471.461
	5878.750	4.000	470.769	470.825
7.0	5888.333	- 20.000	472.724	472.799
	5888.333	- 11.956	472.080	472.155
	5888.333	- 3.956	471.440	471.515
	5888.333	4.000	470.804	470.879
7.5	5897.917	- 20.000	472.749	472.836
	5897.917	- 11.945	472.104	472.192
	5897.917	- 3.946	471.464	471.552
	5897.917	4.000	470.829	470.916
8.0	5907.500	- 20.000	472.764	472.855
	5907.500	- 11.956	472.120	472.211
	5907.500	- 3.956	471.480	471.571
	5907.500	4.000	470.844	470.935

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	5917.083	- 20.000	472.769	472.856
	5917.083	- 11.945	472.124	472.212
	5917.083	- 3.946	471.484	471.572
	5917.083	4.000	470.849	470.936
9.0	5926.667	- 20.000	472.764	472.838
	5926.667	- 11.956	472.120	472.195
	5926.667	- 3.956	471.480	471.555
	5926.667	4.000	470.844	470.918
9.5	5936.250	- 20.000	472.748	472.805
	5936.250	- 11.977	472.107	472.163
	5936.250	- 3.978	471.467	471.523
	5936.250	4.000	470.828	470.885
10.0	5945.833	- 20.000	472.723	472.759
	5945.833	- 11.932	472.078	472.114
	5945.833	- 3.932	471.438	471.474
	5945.833	4.000	470.803	470.839
10.5	5955.417	- 20.000	472.688	472.703
	5955.417	- 11.863	472.037	472.052
	5955.417	- 3.864	471.397	471.412
	5955.417	4.000	470.768	470.783
11.0	5965.000	- 20.000	472.643	472.643
	5965.000	- 11.927	471.997	471.997
	5965.000	- 3.928	471.357	471.357
	5965.000	4.000	470.723	470.723
11.5	5975.375	- 20.000	472.582	472.585
	5975.375	- 11.935	471.937	471.940
	5975.375	- 3.936	471.297	471.300
	5975.375	4.000	470.662	470.665
12.0	5985.750	- 20.000	472.510	472.522
	5985.750	- 11.948	471.866	471.878
	5985.750	- 3.949	471.226	471.238
	5985.750	4.000	470.590	470.602

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.5	5996.125	- 20.000	472.426	472.449
	5996.125	- 11.935	471.781	471.804
	5996.125	- 3.936	471.141	471.164
	5996.125	4.000	470.506	470.529
13.0	6006.500	- 20.000	472.331	472.361
	6006.500	- 11.948	471.686	471.717
	6006.500	- 3.949	471.046	471.077
	6006.500	4.000	470.411	470.441
13.5	6016.875	- 20.000	472.223	472.255
	6016.875	- 11.935	471.578	471.610
	6016.875	- 3.936	470.938	470.970
	6016.875	4.000	470.303	470.335
14.0	6027.250	- 20.000	472.104	472.129
	6027.250	- 11.948	471.460	471.485
	6027.250	- 3.949	470.820	470.845
	6027.250	4.000	470.184	470.209
14.5	6035.958	- 20.000	471.995	472.009
	6035.958	- 11.972	471.352	471.367
	6035.958	- 3.973	470.713	470.727
	6035.958	4.000	470.075	470.089
15.0	6044.703	- 20.000	471.877	471.877
	6044.688	- 12.000	471.237	471.237
	6044.673	- 4.000	470.597	470.597
	6044.658	4.000	469.957	469.957

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P4 THRU P6
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 170 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	224
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.0	6047.297	– 20.000	471.840	471.840
	6047.312	– 12.000	471.200	471.200
	6047.327	– 4.000	470.560	470.560
	6047.342	4.000	469.920	469.920
16.5	6054.000	– 20.000	471.742	471.758
	6054.000	– 11.988	471.101	471.117
	6054.000	– 3.988	470.461	470.477
	6054.000	4.000	469.822	469.838
17.0	6060.667	– 20.000	471.640	471.670
	6060.667	– 11.950	470.996	471.026
	6060.667	– 3.951	470.356	470.386
	6060.667	4.000	469.720	469.750
17.5	6070.833	– 20.000	471.474	471.521
	6070.833	– 11.938	470.830	470.876
	6070.833	– 3.939	470.190	470.236
	6070.833	4.000	469.554	469.601
18.0	6081.000	– 20.000	471.298	471.353
	6081.000	– 11.950	470.654	470.709
	6081.000	– 3.951	470.014	470.069
	6081.000	4.000	469.378	469.433
18.5	6091.167	– 20.000	471.110	471.164
	6091.167	– 11.938	470.465	470.520
	6091.167	– 3.939	469.825	469.880
	6091.167	4.000	469.190	469.244
19.0	6101.333	– 20.000	470.910	470.957
	6101.333	– 11.950	470.267	470.313
	6101.333	– 3.951	469.627	469.673
	6101.333	4.000	468.990	469.037

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
19.5	6111.500	– 20.000	470.700	470.733
	6111.500	– 11.938	470.055	470.088
	6111.500	– 3.939	469.415	469.448
	6111.500	4.000	468.780	468.813
20.0	6121.667	– 20.000	470.478	470.495
	6121.667	– 11.924	469.832	469.849
	6121.667	– 3.925	469.192	469.209
	6121.667	4.000	468.558	468.575
20.5	6131.833	– 20.000	470.245	470.250
	6131.833	– 11.849	469.593	469.598
	6131.833	– 3.851	468.953	468.958
	6131.833	4.000	468.325	468.330
21.0	6142.000	– 20.000	470.000	470.000
	6142.000	– 11.924	469.354	469.354
	6142.000	– 3.925	468.714	468.714
	6142.000	4.000	468.080	468.080
21.5	6152.167	– 20.000	469.744	469.752
	6152.167	– 11.938	469.099	469.107
	6152.167	– 3.939	468.460	468.467
	6152.167	4.000	467.824	467.832
22.0	6162.333	– 20.000	469.477	469.500
	6162.333	– 11.950	468.833	468.856
	6162.333	– 3.951	468.193	468.216
	6162.333	4.000	467.557	467.580
22.5	6172.500	– 20.000	469.154	469.194
	6172.500	– 11.938	468.527	468.567
	6172.500	– 3.939	467.905	467.945
	6172.500	4.000	467.288	467.328

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
23.0	6182.667	– 20.000	468.779	468.836
	6182.667	– 11.950	468.187	468.244
	6182.667	– 3.951	467.600	467.656
	6182.667	4.000	467.015	467.072
23.5	6192.833	– 20.000	468.393	468.461
	6192.833	– 11.938	467.835	467.903
	6192.833	– 3.939	467.251	467.349
	6192.833	4.000	466.731	466.799
24.0	6203.000	– 20.000	467.996	468.068
	6203.000	– 11.950	467.473	467.545
	6203.000	– 3.951	466.953	467.025
	6203.000	4.000	466.436	466.508
24.5	6213.167	– 20.000	467.588	467.656
	6213.167	– 11.938	467.098	467.166
	6213.167	– 3.939	466.611	466.680
	6213.167	4.000	466.129	466.197
25.0	6223.333	– 20.000	467.168	467.225
	6223.333	– 11.950	466.713	466.770
	6223.333	– 3.951	466.261	466.318
	6223.333	4.000	465.811	465.868
25.5	6233.500	– 4.000	466.742	466.784
	6233.500	4.000	466.322	466.363
	6233.500	12.000	465.901	465.942
	6233.500	20.000	465.481	465.522
26.0	6243.667	– 4.000	466.324	466.347
	6243.667	4.000	465.928	465.951
	6243.667	12.000	465.531	465.555
	6243.667	20.000	465.135	465.159

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
26.5	6253.833	– 4.000	465.894	465.902
	6253.833	4.000	465.522	465.531
	6253.833	12.000	465.150	465.159
	6253.833	20.000	464.779	464.787
27.0	6264.000	– 4.000	465.453	465.453
	6264.000	4.000	465.105	465.105
	6264.000	12.000	464.758	464.758
	6264.000	20.000	464.411	464.411
27.5	6274.167	– 4.000	465.000	465.006
	6274.167	4.000	464.677	464.683
	6274.167	12.000	464.354	464.360
	6274.167	20.000	464.031	464.037
28.0	6284.333	– 4.000	464.537	464.554
	6284.333	4.000	464.238	464.255
	6284.333	12.000	463.940	463.957
	6284.333	20.000	463.641	463.658
28.5	6294.500	– 4.000	464.069	464.101
	6294.500	4.000	463.795	463.827
	6294.500	12.000	463.521	463.553
	6294.500	20.000	463.247	463.279
29.0	6304.667	– 4.000	463.601	463.647
	6304.667	4.000	463.352	463.397
	6304.667	12.000	463.102	463.148
	6304.667	20.000	462.852	462.898
29.5	6314.833	– 4.000	463.134	463.187
	6314.833	4.000	462.908	462.962
	6314.833	12.000	462.683	462.737
	6314.833	20.000	462.458	462.511

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.0	6325.000	– 4.000	462.666	462.720
	6325.000	4.000	462.465	462.519
	6325.000	12.000	462.264	462.318
	6325.000	20.000	462.063	462.117
30.5	6335.167	– 4.000	462.198	462.245
	6335.167	4.000	462.022	462.068
	6335.167	12.000	461.845	461.892
	6335.167	20.000	461.669	461.715
31.0	6345.333	– 4.000	461.730	461.761
	6345.333	4.000	461.578	461.609
	6345.333	12.000	461.426	461.457
	6345.333	20.000	461.274	461.305
31.5	6352.000	– 4.000	461.424	461.440
	6352.000	4.000	461.288	461.304
	6352.000	12.000	461.152	461.168
	6352.000	20.000	461.016	461.032
32.0	6358.666	– 4.000	461.117	461.117
	6358.666	4.000	460.997	460.997
	6358.666	12.000	460.877	460.877
	6358.666	20.000	460.757	460.757

Note: For Notes see Sheet No. 126

NED BY R.M.R.
N BY A.S.
KED BY A.J.C.
OVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P7 THRU P9

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
171 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	225
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
33.0	6361.334	- 4.000	460.994	460.994
	6361.334	4.000	460.881	460.881
	6361.334	12.000	460.767	460.767
	6361.334	20.000	460.653	460.653

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
33.5	6369.167	- 4.000	460.634	460.632
	6369.167	4.000	460.539	460.557
	6369.167	12.000	460.444	460.463
	6369.167	20.000	460.349	460.368

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
34.0	6377.000	- 4.000	460.274	460.301
	6377.000	4.000	460.198	460.231
	6377.000	12.000	460.122	460.155
	6377.000	20.000	460.046	460.079

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
34.5	6386.625	- 4.000	459.831	459.878
	6386.625	4.000	459.778	459.825
	6386.625	12.000	459.725	459.772
	6386.625	20.000	459.672	459.719

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
35.0	6396.250	- 4.000	459.388	459.441
	6396.250	4.000	459.358	459.411
	6396.250	12.000	459.328	459.381
	6396.250	20.000	459.299	459.352

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
35.5	6405.875	- 4.000	458.945	458.998
	6405.875	4.000	458.939	458.990
	6405.875	12.000	458.932	458.983
	6405.875	20.000	458.925	458.976

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
36.0	6415.500	- 4.000	458.503	458.545
	6415.500	4.000	458.519	458.561
	6415.500	12.000	458.535	458.578
	6415.500	20.000	458.552	458.594

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
36.5	6425.125	- 4.000	458.060	458.089
	6425.125	4.000	458.079	458.128
	6425.125	12.000	458.139	458.168
	6425.125	20.000	458.178	458.207

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
37.0	6434.750	- 4.000	457.617	457.632
	6434.750	4.000	457.680	457.695
	6434.750	12.000	457.742	457.757
	6434.750	20.000	457.805	457.820

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
37.5	6444.375	- 4.000	457.175	457.180
	6444.375	4.000	457.261	457.266
	6444.375	12.000	457.347	457.351
	6444.375	20.000	457.433	457.437

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
38.0	6454.000	- 4.000	456.742	456.742
	6454.000	4.000	456.851	456.851
	6454.000	12.000	456.960	456.960
	6454.000	20.000	457.069	457.069

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
38.5	6464.083	- 4.000	456.300	456.304
	6464.083	4.000	456.433	456.437
	6464.083	12.000	456.566	456.570
	6464.083	20.000	456.699	456.703

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
39.0	6474.167	- 4.000	455.868	455.885
	6474.167	4.000	456.026	456.042
	6474.167	12.000	456.183	456.199
	6474.167	20.000	456.340	456.356

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
39.5	6484.250	- 4.000	455.448	455.480
	6484.250	4.000	455.630	455.661
	6484.250	12.000	455.811	455.843
	6484.250	20.000	455.993	456.024

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
40.0	6494.333	- 4.000	455.029	455.086
	6494.333	4.000	455.245	455.291
	6494.333	12.000	455.450	455.497
	6494.333	20.000	455.656	455.703

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
40.5	6504.417	- 4.000	454.641	454.698
	6504.417	4.000	454.771	454.828
	6504.417	12.000	455.101	455.158
	6504.417	20.000	455.331	455.388

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
41.0	6514.500	- 4.000	454.255	454.315
	6514.500	4.000	454.509	454.569
	6514.500	12.000	454.763	454.823
	6514.500	20.000	455.017	455.077

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
41.5	6524.583	- 4.000	453.879	453.935
	6524.583	4.000	454.157	454.213
	6524.583	12.000	454.436	454.492
	6524.583	20.000	454.714	454.770

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
42.0	6534.667	- 4.000	453.515	453.560
	6534.667	4.000	453.817	453.862
	6534.667	12.000	454.120	454.165
	6534.667	20.000	454.422	454.467

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
42.5	6544.750	- 4.000	453.161	453.192
	6544.750	4.000	453.488	453.518
	6544.750	12.000	453.815	453.845
	6544.750	20.000	454.141	454.172

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
43.0	6554.833	- 4.000	452.819	452.834
	6554.833	3.991	453.170	453.185
	6554.833	11.991	453.521	453.536
	6554.833	20.000	453.872	453.887

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
43.5	6564.917	- 4.000	452.488	452.492
	6564.917	3.969	452.862	452.866
	6564.917	11.969	453.237	453.241
	6564.917	20.000	453.614	453.618

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
44.0	6575.000	- 4.000	452.169	452.169
	6575.000	3.947	452.565	452.565
	6575.000	11.946	452.965	452.965
	6575.000	20.000	453.367	453.367

Note: For Notes see Sheet No. 126

DESIGNED BY R.M.R.
DRAWN BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P10 AND P11

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 172 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	226
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
44.5	6585.083	– 4.000	451.860	451.865
	6585.083	3.925	452.280	452.285
	6585.083	11.924	452.703	452.708
	6585.083	20.000	453.131	453.136

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.0	6595.167	– 4.000	451.542	451.560
	6595.167	3.952	451.995	452.014
	6595.167	11.951	452.451	452.470
	6595.167	20.000	452.910	452.929

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
45.5	6605.250	– 4.000	451.232	451.268
	6605.250	3.949	451.719	451.755
	6605.250	11.948	452.208	452.244
	6605.250	20.000	452.701	452.737

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.0	6615.333	– 4.000	450.933	450.986
	6615.333	3.958	451.454	451.507
	6615.333	11.958	451.978	452.030
	6615.333	20.000	452.504	452.556

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
46.5	6625.417	– 4.000	450.646	450.711
	6625.417	3.949	451.199	451.264
	6625.417	11.948	451.756	451.821
	6625.417	20.000	452.317	452.382

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.0	6635.500	– 4.000	450.376	450.439
	6635.500	3.958	450.957	451.027
	6635.500	11.958	451.548	451.618
	6635.500	20.000	452.142	452.212

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
47.5	6645.583	– 4.000	450.105	450.171
	6645.583	3.949	450.725	450.791
	6645.583	11.948	451.349	451.416
	6645.583	20.000	451.978	452.044

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.0	6655.667	– 4.000	449.896	449.951
	6655.667	3.958	450.532	450.588
	6655.667	11.958	451.172	451.228
	6655.667	20.000	451.816	451.871

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
48.5	6665.750	– 4.000	449.737	449.776
	6665.750	3.979	450.375	450.415
	6665.750	11.979	451.015	451.054
	6665.750	20.000	451.657	451.696

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.0	6675.833	– 4.000	449.589	449.611
	6675.833	3.958	450.226	450.248
	6675.833	11.958	450.866	450.888
	6675.833	20.000	451.509	451.531

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
49.5	6685.917	– 4.000	449.453	449.460
	6685.917	3.949	450.089	450.096
	6685.917	11.948	450.729	450.736
	6685.917	20.000	451.373	451.380

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.0	6696.000	– 4.000	449.328	449.328
	6696.000	3.939	449.963	449.963
	6696.000	11.939	450.603	450.603
	6696.000	20.000	451.248	451.248

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
50.5	6705.625	– 4.000	449.219	449.224
	6705.625	3.884	449.850	449.855
	6705.625	11.882	450.490	450.495
	6705.625	20.000	451.139	451.144

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.0	6715.250	– 4.000	449.120	449.135
	6715.250	3.942	449.756	449.771
	6715.250	11.942	450.395	450.412
	6715.250	20.000	451.040	451.058

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
51.5	6724.875	– 4.000	449.031	449.061
	6724.875	3.953	449.668	449.698
	6724.875	11.952	450.308	450.340
	6724.875	20.000	450.951	450.985

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.0	6734.500	– 4.000	448.953	448.996
	6734.500	3.962	449.590	449.635
	6734.500	11.962	450.230	450.276
	6734.500	20.000	450.873	450.920

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
52.5	6744.125	– 4.000	448.884	448.936
	6744.125	3.953	449.520	449.573
	6744.125	11.952	450.160	450.214
	6744.125	20.000	450.804	450.858

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.0	6753.750	– 4.000	448.816	448.871
	6753.750	3.962	449.453	449.508
	6753.750	11.962	450.093	450.147
	6753.750	20.000	450.736	450.790

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
53.5	6763.375	– 4.000	448.748	448.798
	6763.375	3.916	449.381	449.429
	6763.375	11.923	450.022	450.068
	6763.375	20.000	450.668	450.711

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
54.0	6773.000	– 4.000	448.680	448.717
	6773.000	3.861	449.309	449.342
	6773.000	11.883	449.951	449.979
	6773.000	20.000	450.600	450.624

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
54.5	6780.800	– 4.000	448.625	448.647
	6780.800	3.901	449.257	449.274
	6780.800	11.936	449.900	449.910
	6780.800	20.000	450.545	450.550

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
55.0	6789.878	– 4.000	448.561	448.561
	6787.336	3.932	449.219	449.219
	6784.843	11.932	449.876	449.876
	6782.397	20.000	450.534	450.534

Note: For Notes see Sheet No. 126

RMR
A.S.
A.J.C
K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P12 AND P13
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 173 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	227
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56	6792.714 –	4.060	448.537	448.537
	6790.345	3.294	449.142	449.142
	6788.017	10.654	449.747	449.747
	6785.731	18.021	450.352	450.352
	6783.485	25.395	450.958	450.089
	6781.278	32.774	451.564	450.653
	6778.831	41.117	452.249	451.289
	6776.430	49.471	452.934	451.924
56+10'	6802.760 –	4.395	448.439	448.513
	6800.300	2.929	449.042	449.098
	6797.883	10.260	449.646	449.719
	6795.509	17.599	450.250	450.334
	6793.176	24.944	450.854	450.228
	6790.884	32.296	451.458	450.782
	6788.469	40.190	452.107	451.370
	6786.097	48.093	452.756	452.002
56+20'	6812.814 –	4.607	448.351	448.488
	6810.263	2.686	448.953	449.054
	6807.757	9.987	449.555	449.672
	6805.295	17.296	450.157	450.294
	6802.876	24.612	450.759	450.329
	6800.499	31.936	451.362	450.876
	6798.126	39.382	451.974	451.435
	6795.794	46.837	452.587	452.061

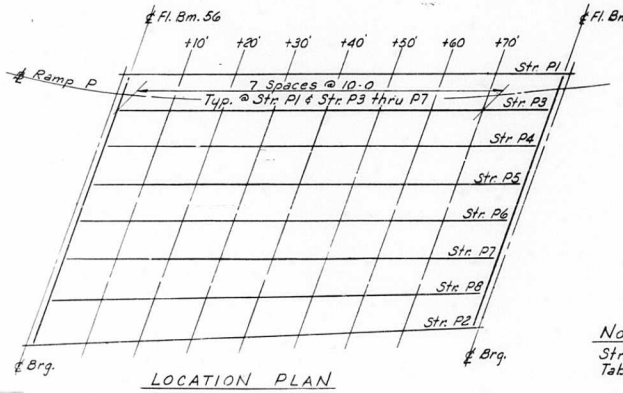
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56+30'	6822.870 –	4.696	448.273	448.452
	6820.230	2.566	448.873	449.004
	6817.636	9.835	449.473	449.621
	6815.087	17.114	450.073	450.245
	6812.583	24.400	450.674	450.405
	6810.121	31.694	451.274	450.950
	6807.800	38.694	451.851	451.478
	6805.517	45.703	452.428	452.090
56+40'	6832.928 –	4.662	448.205	448.403
	6830.199	2.567	448.803	448.947
	6827.517	9.805	449.401	449.562
	6824.882	17.051	449.999	450.186
	6822.292	24.306	450.598	450.455
	6819.747	31.569	451.197	450.999
	6817.489	38.126	451.737	451.497
	6815.264	44.692	452.278	452.085
56+50'	6842.983 –	4.504	448.147	448.336
	6840.166	2.691	448.743	448.879
	6837.397	9.895	449.338	449.493
	6834.677	17.108	449.935	450.115
	6832.003	24.331	450.531	450.477
	6829.375	31.562	451.128	451.023
	6827.189	37.679	451.633	451.489
	6825.033	43.804	452.138	452.044

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56+60'	6853.033 –	4.223	448.099	448.252
	6850.128	2.936	448.698	448.803
	6847.274	10.106	449.285	449.419
	6844.469	17.286	449.880	450.032
	6841.712	24.475	450.474	450.470
	6839.001	31.674	451.069	451.026
	6836.298	37.353	451.539	451.457
	6834.621	43.040	452.008	451.967
56+70'	6863.075 –	3.820	448.060	448.157
	6860.084	3.304	448.651	448.722
	6857.144	10.438	449.243	449.332
	6854.255	17.583	449.835	449.940
	6851.415	24.738	450.427	450.440
	6848.624	31.903	451.020	451.001
	6846.612	37.147	451.454	451.403
	6844.625	42.399	451.888	451.860
57	6876.401 –	3.093	448.025	448.025
	6873.297	3.981	448.613	448.613
	6870.247	11.067	449.201	449.201
	6867.248	18.164	449.790	449.790
	6864.300	25.272	450.379	450.346
	6861.401	32.390	450.969	450.926
	6859.528	37.061	451.356	451.305
	6857.674	41.739	451.743	451.685

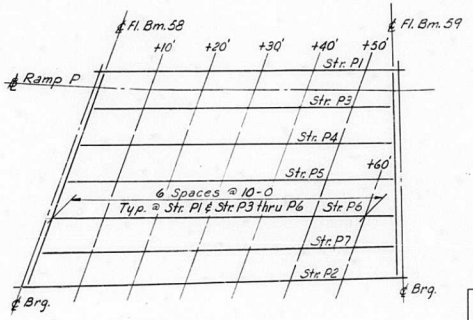
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58	6879.314 –	3.058	448.007	448.007
	6875.936	4.572	448.641	448.641
	6872.621	12.216	449.276	449.276
	6869.366	19.874	449.893	449.893
	6866.171	27.545	450.521	450.521
	6863.307	34.551	451.093	451.093
	6860.489	41.571	451.664	451.664
58+10'	6889.342 –	3.372	447.910	447.952
	6885.877	4.219	448.543	448.572
	6882.468	11.822	449.175	449.233
	6879.122	19.440	449.807	449.876
	6875.836	27.071	450.438	450.504
	6872.921	33.971	451.006	451.070
	6870.049	40.891	451.574	451.654
58+20'	6899.379 –	3.613	447.809	447.877
	6895.868	3.958	448.446	448.495
	6892.388	11.537	449.081	449.164
	6888.937	19.122	449.715	449.818
	6885.530	26.714	450.348	450.448
	6882.565	33.509	450.913	451.011
	6879.641	40.328	451.478	451.622

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58+30'	6909.449 –	3.797	447.702	447.773
	6905.895	3.754	448.341	448.395
	6902.371	11.312	448.979	449.072
	6898.877	18.878	449.616	449.733
	6895.413	26.450	450.252	450.368
	6892.374	33.152	450.813	450.929
	6889.349	39.880	451.375	451.558
58+40'	6919.555 –	3.923	447.587	447.638
	6915.956	3.607	448.229	448.273
	6912.388	11.145	448.870	448.954
	6908.851	18.690	449.510	449.619
	6905.344	26.242	450.148	450.262
	6902.300	32.857	450.706	450.821
	6899.266	39.503	451.265	451.454
58+50'	6929.696 –	3.991	447.465	447.476
	6926.054	3.518	448.110	448.129
	6922.443	11.035	448.754	448.812
	6918.862	18.560	449.397	449.478
	6915.312	26.091	450.038	450.129
	6912.263	32.618	450.592	450.689
	6909.222	39.182	451.148	451.312

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
59	6932.236 –	3.999	447.433	447.433
	6932.346	3.493	448.033	448.033
	6932.455	10.984	448.632	448.632
	6932.564	18.475	449.231	449.231
	6932.671	25.967	449.831	449.831
	6932.761	32.310	450.338	450.338
	6932.851	38.653	450.846	450.846



LOCATION PLAN
Span P14



LOCATION PLAN
Span P15

Note
Stringers are identified in the Tables by their offset.

DESIGNED BY R.M.R
DRAWN BY A.J.C.
CHECKED BY A.S.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P14 AND P15

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
174 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	227a
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56	6792.714	– 4.060	448.537	448.537
	6790.345	3.294	449.142	449.142
	6788.017	10.654	449.747	449.747
	6785.731	18.021	450.352	450.352
			.089	
	6783.485	25.395	450.958	450.089
			450.653	
	6781.278	32.774	451.564	450.653
			451.269	
	6778.831	41.117	452.275	451.289
			451.924	
	6776.430	49.471	452.884	451.924

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+30'	6822.870	– 4.696	448.273	448.452
	6820.230	2.566	448.873	449.004
	6817.636	9.835	449.473	449.621
	6815.087	17.114	450.073	450.245
			.233	
	6812.583	24.400	450.674	450.405
			450.902	
	6810.121	31.694	451.274	450.950
			.347	
	6807.800	38.694	451.884	451.478
			451.891	
	6805.517	45.703	452.495	452.090

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+60'	6853.033	– 4.223	448.099	448.252
	6850.128	2.936	448.682	448.803
	6847.274	10.106	449.286	449.419
	6844.469	17.286	449.880	450.032
			.319	
	6841.	24.475	450.474	450.470
			450.693	
	6838.001	31.674	451.086	451.026
			.346	
	6836.898	37.353	451.599	451.457
			451.788	
	6834.821	43.040	452.098	451.967

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+10'	6802.760	– 4.395	448.439	448.513
	6800.300	2.929	449.042	449.098
	6797.883	10.260	449.646	449.719
	6795.509	17.599	450.250	450.334
			.442	
	6793.176	24.944	450.854	450.228
			450.709	
	6790.884	32.296	451.466	450.782
			451.314	
	6788.469	40.190	452.197	451.370
			451.980	
	6786.097	48.093	452.928	452.002

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+40'	6832.928	– 4.662	448.205	448.403
	6830.199	2.567	448.803	448.947
	6827.517	9.805	449.401	449.562
	6824.882	17.051	449.998	450.186
			.458	
	6822.292	24.306	450.598	450.455
			450.839	
	6819.747	31.569	451.199	450.999
			.353	
	6817.489	38.126	451.797	451.497
			451.867	
	6815.264	44.692	452.396	452.085

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+70'	6863.075	– 3.120	448.060	448.157
	6860.084	3.304	448.651	448.722
	6857.144	10.438	449.243	449.332
	6854.255	17.583	449.835	449.940
			.334	
	6851.415	24.738	450.427	450.440
			450.791	
	6848.624	31.903	451.020	451.001
			.333	
	6846.612	37.147	451.353	451.403
			.734	
	6844.625	42.399	451.886	451.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+20'	6812.814	– 4.607	448.351	448.488
	6810.263	2.686	448.953	449.054
	6807.757	9.987	449.555	449.672
	6805.295	17.296	450.157	450.294
			.291	
	6802.876	24.612	450.788	450.329
			450.759	
	6800.499	31.936	451.390	450.876
			.334	
	6798.126	39.382	451.992	451.435
			451.909	
	6795.794	46.837	452.593	452.061

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+50'	6842.983	– 4.504	448.147	448.336
	6840.166	2.691	448.743	448.878
	6837.397	9.895	449.338	449.493
	6834.677	17.108	449.935	450.115
			.226	
	6832.003	24.331	450.531	450.477
			450.869	
	6829.375	31.562	451.168	451.023
			.353	
	6827.189	37.679	451.832	451.489
			451.936	
	6825.033	43.804	452.128	452.044

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57	6876.401	– 3.093	448.025	448.025
	6873.297	3.981	448.613	448.613
	6870.247	11.067	449.201	449.201
	6867.248	18.164	449.790	449.790
			.341	
	6864.300	25.272	450.379	450.346
			.286	
	6861.401	32.390	450.965	450.926
			.305	
	6859.528	37.061	451.294	451.305
			.685	
	6857.674	41.739	451.940	451.685

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58	6879.314	– 3.058	448.007	448.007
	6875.936	4.572	448.641	448.641
	6872.621	12.216	449.276	449.276
	6869.366	19.874	449.893	449.893
	6866.171	27.545	450.521	450.521
	6863.307	34.551	451.093	451.093
	6860.489	41.571	451.664	451.664

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+30'	6909.449	– 3.797	447.702	447.773
	6906.895	3.754	448.341	448.395
	6902.371	11.312	448.979	449.072
	6898.877	18.878	449.616	449.733
	6895.413	26.450	450.252	450.368
	6892.374	33.152	450.813	450.929
	6889.349	39.880	451.375	451.558

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+60'				
	6928.511	18.487	449.277	449.308
	6925.318	25.998	449.821	449.974
	6922.265	32.437	450.472	450.536
	6919.217	38.919	451.025	451.132

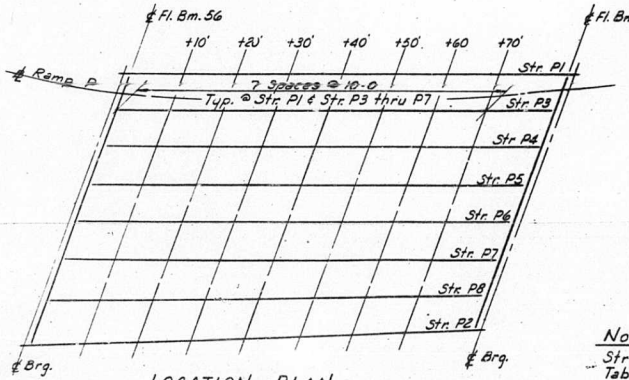
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+10'	6889.342	– 3.372	447.910	447.952
	6885.877	4.219	448.543	448.572
	6882.468	11.822	449.175	449.239
	6879.122	19.440	449.807	449.876
	6875.836	27.071	450.438	450.504
	6872.921	33.971	451.006	451.070
	6870.049	40.891	451.574	451.654

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+40'	6919.555	– 3.923	447.587	447.638
	6915.936	3.607	448.229	448.273
	6912.388	11.145	448.870	448.954
	6908.851	18.690	449.510	449.619
	6905.344	26.242	450.148	450.262
	6902.300	32.857	450.706	450.821
	6899.266	39.503	451.265	451.454

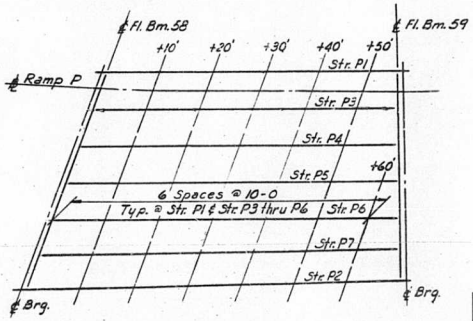
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59	6932.236	– 3.999	447.433	447.433
	6932.946	3.493	448.033	448.033
	6932.455	10.984	448.632	448.632
	6932.564	18.475	449.231	449.231
	6932.671	25.967	449.831	449.831
	6932.761	32.310	450.338	450.338
	6932.851	38.653	450.846	450.846

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+20'	6899.379	– 3.613	447.709	447.877
	6895.868	3.958	448.446	448.495
	6892.388	11.537	449.081	449.164
	6888.937	19.122	449.715	449.818
	6885.530	26.714	450.348	450.448
	6882.565	33.509	450.913	451.011
	6879.641	40.328	451.478	451.622

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+50'	6929.696	– 3.991	447.465	447.476
	6926.054	3.518	448.110	448.129
	6922.443	11.035	448.754	448.812
	6918.862	18.560	449.397	449.478
	6915.312	26.091	450.038	450.129
	6912.263	32.618	450.592	450.689
	6909.222	39.182	451.148	451.312



LOCATION PLAN
Span P14



LOCATION PLAN
Span P15

Note
Stringers are identified in the Tables by their offset.

DRAWN BY R.M.P.
CHECKED BY A.J.C.
APPROVED BY A.S.
APPROVED BY K.A.

As Revised 8-15-68 A.P.H.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P14 AND P15
POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
174 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	227a
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.696	448.273	448.452
2.566	448.873	449.004
9.835	449.473	449.621
17.114	450.073	450.245
	.433	.319
24.400	450.674	450.405
	450.906	450.893
31.694	451.206	450.950
	.347	.346
38.694	451.861	451.478
	451.891	451.798
45.703	452.090	451.967

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+60'	6853.033	- 4.223	448.099	448.252
	6850.128	2.935	448.692	448.803
	6847.274	10.105	449.286	449.419
	6844.469	17.286	449.880	450.032
	6841.712	24.475	450.474	450.470
	6839.001	31.674	450.893	451.026
	6836.898	37.353	451.206	451.457
	6834.821	43.040	451.798	451.967

OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.662	448.205	448.403
2.567	448.803	448.947
9.805	449.401	449.562
17.051	449.998	450.186
	.428	.334
24.306	450.598	450.455
	450.839	450.971
31.569	451.198	450.999
	.353	.333
38.126	451.791	451.497
	451.867	.754
44.692	452.220	452.085

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
56+70'	6863.075	3.820	448.060	448.157
	6860.084	3.304	448.651	448.722
	6857.144	10.438	449.243	449.332
	6854.255	17.583	449.836	449.940
	6851.415	24.738	450.427	450.440
	6848.624	31.903	450.971	451.001
	6846.612	37.147	451.333	451.403
	6844.625	42.399	451.754	451.860

OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.504	448.147	448.336
2.691	448.743	448.879
9.895	449.338	449.493
17.108	449.935	450.115
	.256	.326
24.331	450.531	450.477
	450.869	.926
31.562	451.188	451.023
	.353	.305
37.679	451.482	451.489
	451.836	.655
43.804	452.138	452.044

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
57	6876.401	- 3.093	448.025	448.025
	6873.297	3.981	448.613	448.613
	6870.247	11.067	449.201	449.201
	6867.248	18.164	449.790	449.790
	6864.300	25.272	450.378	450.346
	6861.401	32.390	450.966	450.926
	6859.528	37.061	451.354	451.305
	6857.674	41.739	451.742	451.685

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58	6879.214	- 3.058	448.007	448.007
	6875.936	4.572	448.641	448.641
	6872.621	12.216	449.276	449.276
	6869.366	19.874	"	449.893
	6866.171	27.545	450.521	450.521
	6863.307	34.551	451.093	451.093
	6860.489	41.571	451.664	451.664

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+10'	6885.342	- 3.372	447.910	447.952
	6882.468	4.219	448.543	448.572
	6879.122	11.822	449.175	449.233
	6875.836	19.440	449.807	449.876
	6872.921	27.071	450.438	450.504
	6870.049	33.971	451.006	451.070
		40.891	451.574	451.654

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+20'	6889.379	- 3.613	447.709	447.677
	6885.868	3.958	448.446	448.495
	6882.388	11.537	449.081	449.164
	6888.937	19.122	449.715	449.818
	6885.530	26.714	450.348	450.448
	6882.565	33.509	450.913	451.011
	6879.641	40.328	451.478	451.622

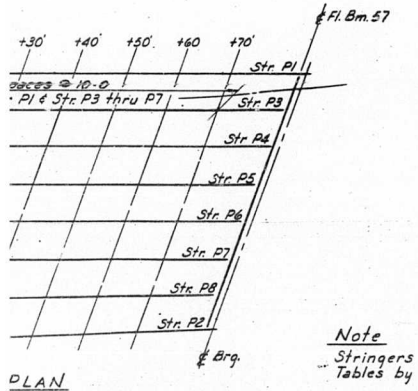
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+30'	6909.449	- 3.797	447.702	447.773
	6905.695	3.754	448.341	448.395
	6902.371	11.312	448.979	449.072
	6898.877	18.878	449.616	449.733
	6895.413	26.450	450.252	450.368
	6892.374	33.152	450.813	450.929
	6889.349	39.880	451.375	451.558

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+40'	6919.555	- 3.523	447.567	447.638
	6915.936	3.607	448.229	448.273
	6912.388	11.145	448.870	448.954
	6908.851	18.690	449.510	449.619
	6905.344	26.242	450.148	450.262
	6902.300	32.857	450.706	450.821
	6899.266	39.503	451.265	451.454

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+50'	6929.696	- 3.991	447.465	447.476
	6926.054	3.518	448.110	448.129
	6922.443	11.035	448.754	448.812
	6918.862	18.560	449.397	449.478
	6915.312	26.091	450.038	450.129
	6912.263	32.618	450.592	430.689
	6909.222	39.182	451.148	451.312

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
58+60'				
	6928.911	18.487	449.277	449.308
	6925.318	25.998	449.921	449.974
	6922.265	32.437	450.472	450.536
	6919.217	38.919	451.025	451.132

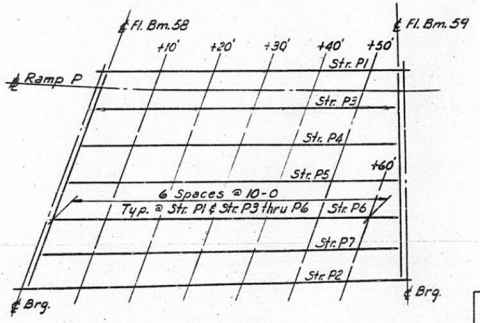
FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
59	6932.236	- 3.999	447.433	447.433
	6932.346	3.493	448.033	448.033
	6932.455	10.984	448.632	448.632
	6932.564	18.475	449.231	449.231
	6932.671	25.967	449.831	449.831
	6932.761	32.310	450.338	450.338
	6932.851	38.653	450.846	450.846



PLAN

Note

Stringers are identified in the Tables by their offset.



LOCATION PLAN
Span P15

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS P14 AND P15

POPLAR STREET BRIDGE APPROACHES
RAMP "P"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
174 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	228
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	7354.601 –	4.000	446.790	446.790
	7353.602	4.000	447.414	447.414
	7352.612	11.999	448.038	448.038
	7351.630	20.000	448.663	448.663
1.5	7361.650 –	4.000	446.904	446.917
	7361.650	3.904	447.536	447.551
	7361.650	11.892	448.175	448.192
	7361.650	20.000	448.824	448.842
2.0	7369.200 –	4.000	447.026	447.051
	7369.200	3.848	447.653	447.679
	7369.200	11.837	448.293	448.319
	7369.200	20.000	448.946	448.973
2.5	7379.000 –	4.000	447.183	447.218
	7379.000	3.821	447.809	447.843
	7379.000	11.814	448.449	448.483
	7379.000	20.000	449.103	449.138
3.0	7388.800 –	4.000	447.341	447.375
	7388.800	3.849	447.969	448.003
	7388.800	11.844	448.609	448.642
	7388.800	20.000	449.261	449.294
3.5	7398.600 –	4.000	447.499	447.525
	7398.600	3.929	448.134	448.159
	7398.600	11.928	448.773	448.798
	7398.600	20.000	449.419	449.443
4.0	7408.400 –	4.000	447.657	447.671
	7408.400	3.950	448.293	448.306
	7408.400	11.950	448.933	448.946
	7408.400	20.000	449.577	449.590
4.5	7418.200 –	4.000	447.815	447.819
	7418.200	3.870	448.445	448.448
	7418.200	11.869	449.085	449.088
	7418.200	20.000	449.735	449.738

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	7428.000 –	4.000	447.973	447.973
	7428.000	3.843	448.600	448.600
	7428.000	11.842	449.240	449.240
	7428.000	20.000	449.893	449.893
5.5	7437.800 –	4.000	448.131	448.135
	7437.800	3.870	448.760	448.765
	7437.800	11.869	449.400	449.405
	7437.800	20.000	450.051	450.055
6.0	7447.600 –	4.000	448.289	448.305
	7447.600	3.950	448.925	448.941
	7447.600	11.950	449.565	449.581
	7447.600	20.000	450.209	450.225
6.5	7457.400 –	4.000	448.447	448.478
	7457.400	3.930	449.081	449.112
	7457.400	11.929	449.721	449.752
	7457.400	20.000	450.367	450.398
7.0	7467.200 –	4.000	448.604	448.648
	7467.200	3.850	449.232	449.275
	7467.200	11.849	449.872	449.915
	7467.200	20.000	450.524	450.568
7.5	7477.000 –	4.000	448.762	448.811
	7477.000	3.823	449.388	449.437
	7477.000	11.822	450.028	450.077
	7477.000	20.000	450.682	450.731
8.0	7486.800 –	4.000	448.920	448.965
	7486.800	3.850	449.548	449.593
	7486.800	11.849	450.188	450.233
	7486.800	20.000	450.840	450.885
8.5	7496.600 –	4.000	449.073	449.108
	7496.600	3.930	449.707	449.742
	7496.600	11.929	450.347	450.382
	7496.600	20.000	450.993	451.028

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	7506.400 –	4.000	449.215	449.235
	7506.400	3.950	449.851	449.871
	7506.400	11.950	450.491	450.511
	7506.400	20.000	451.135	451.155
9.5	7516.200 –	4.000	449.347	449.354
	7516.200	3.870	449.977	449.983
	7516.200	11.869	450.616	450.623
	7516.200	20.000	451.267	451.274
10.0	7526.000 –	4.000	449.468	449.468
	7526.000	3.843	450.096	450.096
	7526.000	11.842	450.736	450.736
	7526.000	20.000	451.388	451.388
10.5	7535.800 –	4.000	449.579	449.583
	7535.800	3.870	450.209	450.213
	7535.800	11.869	450.849	450.853
	7535.800	20.000	451.499	451.504
11.0	7545.600 –	4.000	449.680	449.693
	7545.600	3.950	450.316	450.330
	7545.600	11.950	450.956	450.971
	7545.600	20.000	451.600	451.616
11.5	7555.400 –	4.000	449.770	449.794
	7555.400	3.922	450.404	450.429
	7555.400	11.917	451.043	451.070
	7555.400	20.000	451.690	451.718
12.0	7565.200 –	4.000	449.850	449.882
	7565.200	3.829	450.476	450.509
	7565.200	11.815	451.115	451.148
	7565.200	20.000	451.770	451.804
12.5	7575.000 –	4.000	449.919	449.952
	7575.000	3.790	450.542	450.575
	7575.000	11.766	451.180	451.211
	7575.000	19.967	451.836	451.866

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.0	7584.800 –	4.000	449.978	450.004
	7584.800	3.803	450.602	450.626
	7584.800	11.772	451.240	451.260
	7584.800	19.880	451.868	451.894
13.5	7592.680 –	4.000	450.018	450.034
	7592.680	3.853	450.646	450.657
	7592.680	11.815	451.283	451.289
	7592.680	19.772	451.919	451.919
14.0	7602.166 –	4.000	450.057	450.057
	7598.993	3.918	450.678	450.678
	7595.849	11.842	451.299	451.299
	7592.732	19.771	451.919	451.919

Note: For Notes see Sheet No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS D26-Q THRU Q2
POPLAR STREET BRIDGE APPROACHES
RAMP "Q"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 175 OF 528

R.M.R.
J.V.C.
J.S.
C.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	229
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	6892.316	- 4.000	454.164	454.164
	6891.634	4.000	454.766	454.766
	6890.957	12.000	455.368	455.368
	6890.286	20.000	455.971	455.971

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	6896.630	- 4.000	454.281	454.293
	6896.630	3.969	454.899	454.913
	6896.630	11.964	455.520	455.535
	6896.630	20.000	456.143	456.160

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	6901.286	- 4.000	454.408	454.432
	6901.286	3.950	455.025	455.051
	6901.286	11.947	455.645	455.672
	6901.286	20.000	456.270	456.299

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	6909.857	- 4.000	454.641	454.685
	6909.857	3.944	455.258	455.303
	6909.857	11.942	455.879	455.924
	6909.857	20.000	456.504	456.550

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	6918.429	- 4.000	454.875	454.933
	6918.429	3.974	455.494	455.552
	6918.429	11.973	456.114	456.174
	6918.429	20.000	456.737	456.797

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	6928.000	- 4.000	455.136	455.202
	6928.000	3.956	455.753	455.820
	6928.000	11.956	456.374	456.441
	6928.000	20.000	456.998	457.065

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	6937.572	- 4.000	455.396	455.463
	6937.572	3.915	456.011	456.077
	6937.572	11.915	456.631	456.698
	6937.572	20.000	457.259	457.325

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	6947.143	- 4.000	455.657	455.717
	6947.143	3.919	456.272	456.331
	6947.143	11.918	456.892	456.951
	6947.143	20.000	457.519	457.578

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	6956.714	- 4.000	455.918	455.964
	6956.714	3.967	456.536	456.582
	6956.714	11.967	457.157	457.202
	6956.714	20.000	457.780	457.825

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	6966.286	- 4.000	456.179	456.208
	6966.286	3.967	456.797	456.826
	6966.286	11.966	457.418	457.446
	6966.286	20.000	458.041	458.069

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	6975.857	- 4.000	456.439	456.453
	6975.857	3.944	457.056	457.069
	6975.857	11.944	457.677	457.690
	6975.857	20.000	458.302	458.315

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	6985.429	- 4.000	456.700	456.703
	6985.429	3.967	457.318	457.321
	6985.429	11.966	457.939	457.942
	6985.429	20.000	458.562	458.565

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	6995.000	- 4.000	456.961	456.961
	6995.000	3.967	457.579	457.579
	6995.000	11.967	458.200	458.200
	6995.000	20.000	458.823	458.823

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	7004.572	- 4.000	457.221	457.227
	7004.572	3.918	457.836	457.842
	7004.572	11.918	458.457	458.462
	7004.572	20.000	459.084	459.089

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	7014.143	- 4.000	457.482	457.500
	7014.143	3.915	458.096	458.114
	7014.143	11.915	458.717	458.735
	7014.143	20.000	459.344	459.362

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	7023.715	- 4.000	457.737	457.772
	7023.715	3.956	458.355	458.389
	7023.715	11.956	458.975	459.010
	7023.715	20.000	459.600	459.634

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	7033.286	- 4.000	457.985	458.037
	7033.286	3.967	458.603	458.656
	7033.286	11.967	459.224	459.276
	7033.286	20.000	459.848	459.900

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	7042.857	- 4.000	458.226	458.294
	7042.857	3.919	458.840	458.908
	7042.857	11.918	459.461	459.529
	7042.857	20.000	460.088	460.156

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	7052.429	- 4.000	458.459	458.538
	7052.429	3.915	459.073	459.152
	7052.429	11.915	459.694	459.773
	7052.429	20.000	460.321	460.400

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	7062.000	- 4.000	458.684	458.768
	7062.000	3.956	459.302	459.385
	7062.000	11.956	459.923	460.006
	7062.000	20.000	460.547	460.630

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	7071.572	- 4.000	458.903	458.982
	7071.572	3.978	459.522	459.601
	7071.572	11.977	460.143	460.222
	7071.572	20.000	460.765	460.844

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	7081.143	- 4.000	459.114	459.182
	7081.143	3.955	459.731	459.799
	7081.143	11.955	460.352	460.420
	7081.143	20.000	460.976	461.044

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	7090.714	- 4.000	459.317	459.370
	7090.714	3.978	459.936	459.989
	7090.714	11.977	460.557	460.609
	7090.714	20.000	461.180	461.232

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.5	7100.286	- 4.000	459.514	459.568
	7100.286	3.956	460.131	460.185
	7100.286	11.956	460.752	460.786
	7100.286	20.000	461.376	461.410

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.0	7109.857	- 4.000	459.702	459.720
	7109.857	3.915	460.317	460.334
	7109.857	11.915	460.937	460.955
	7109.857	20.000	461.565	461.583

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.5	7119.429	- 4.000	459.884	459.889
	7119.429	3.919	460.496	460.504
	7119.429	11.918	461.119	461.125
	7119.429	20.000	461.746	461.752

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.0	7129.000	- 4.000	460.058	460.058
	7129.000	3.967	460.676	460.676
	7129.000	11.967	461.297	461.297
	7129.000	20.000	461.920	461.920

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.5	7138.571	- 4.000	460.224	460.227
	7138.571	3.967	460.843	460.845
	7138.571	11.966	461.463	461.466
	7138.571	20.000	462.087	462.090

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	7148.143	- 4.000	460.384	460.397
	7148.143	3.944	461.000	461.013
	7148.143	11.944	461.621	461.634
	7148.143	20.000	462.246	462.259

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.5	7157.714	- 4.000	460.536	460.564
	7157.714	3.967	461.154	461.182
	7157.714	11.966	461.775	461.803
	7157.714	20.000	462.398	462.426

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.0	7167.286	- 4.000	460.680	460.725
	7167.286	3.967	461.298	461.343
	7167.286	11.967	461.919	461.964
	7167.286	20.000	462.542	462.587

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
16.5	7176.857	- 4.000	460.817	460.876
	7176.857	3.919	461.432	461.490
	7176.857	11.918	462.052	462.111
	7176.857	20.000	462.680	462.738

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.0	7186.428	- 4.000	460.947	461.013
	7186.428	3.915	461.561	461.627
	7186.428	11.915	462.182	462.248
	7186.428	20.000	462.809	462.876

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
17.5	7196.000	- 4.000	461.069	461.136
	7196.000	3.956	461.687	461.754
	7196.000	11.956	462.307	462.374
	7196.000	20.000	462.932	462.999

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
18.0	7205.571	- 4.000	461.184	461.244
	7205.571	3.973	461.803	461.863
	7205.571	11.973	462.424	462.483
	7205.571	20.000	463.047	463.106

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
18.5	7214.143	- 4.000	461.281	461.327
	7214.143	3.940	461.897	461.944
	7214.143	11.940	462.518	462.564
	7214.143	20.000	463.143	463.190

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
19.0	7222.714	- 4.000	461.372	461.400
	7222.714	3.944	461.988	462.016
	7222.714	11.943	462.609	462.637
	7222.714	20.000	463.234	463.262

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
19.5	7228.190	- 4.000	461.427	461.441
	7228.190	3.965	462.045	462.059
	7228.190	11.964	462.665	462.680
	7228.190	20.000	463.289	463.304

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
20.0	7233.663	- 4.000	461.479	461.479
	7233.668	4.000	462.100	462.100
	7233.673	12.000	462.721	462.721
	7233.679	20.000	463.342	463.342

Note: For Notes see Sheet No. 126

DRAWN BY R.M.R.
CHECKED BY A.S.
CHECKED BY A.J.C.
APPROVED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS A21-R THRU R2

POPLAR STREET BRIDGE APPROACHES

RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
176 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	230
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
21.0	7236.337	- 4.000	461.504	461.504
	7236.332	4.000	462.125	462.125
	7236.327	12.000	462.745	462.745
	7236.321	20.000	463.366	463.366
21.5	7240.738	- 4.000	461.543	461.555
	7240.738	3.973	462.162	462.173
	7240.738	11.973	462.783	462.794
	7240.738	20.000	463.406	463.417
22.0	7245.143	- 4.000	461.581	461.604
	7245.143	3.956	462.199	462.221
	7245.143	11.956	462.819	462.842
	7245.143	20.000	463.444	463.466
22.5	7253.429	- 4.000	461.648	461.689
	7253.429	3.949	462.265	462.305
	7253.429	11.949	462.886	462.927
	7253.429	20.000	463.511	463.552
23.0	7261.714	- 4.000	461.710	461.765
	7261.714	3.975	462.329	462.384
	7261.714	11.975	462.950	463.004
	7261.714	20.000	463.572	463.627
23.5	7271.000	- 4.000	461.772	461.836
	7271.000	3.959	462.390	462.453
	7271.000	11.959	463.011	463.074
	7271.000	20.000	463.635	463.698
24.0	7280.286	- 4.000	461.828	461.892
	7280.286	3.920	462.442	462.507
	7280.286	11.920	463.063	463.127
	7280.286	20.000	463.690	463.754
24.5	7289.572	- 4.000	461.876	461.934
	7289.572	3.923	462.491	462.549
	7289.572	11.923	463.112	463.170
	7289.572	20.000	463.739	463.797

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
25.0	7298.857	- 4.000	461.918	461.964
	7298.857	3.968	462.536	462.582
	7298.857	11.968	463.157	463.203
	7298.857	20.000	463.780	463.826
25.5	7308.143	- 4.000	461.953	461.983
	7308.143	3.959	462.570	462.601
	7308.143	11.959	463.191	463.222
	7308.143	20.000	463.815	463.846
26.0	7317.429	- 4.000	461.980	461.996
	7317.429	3.920	462.595	462.610
	7317.429	11.920	463.216	463.231
	7317.429	20.000	463.843	463.858
26.5	7326.714	- 4.000	462.001	462.005
	7326.714	3.923	462.616	462.620
	7326.714	11.923	463.237	463.241
	7326.714	20.000	463.864	463.868
27.0	7336.000	- 4.000	462.015	462.015
	7336.000	3.968	462.633	462.633
	7336.000	11.968	463.254	463.254
	7336.000	20.000	463.877	463.877
27.5	7345.286	- 4.000	462.022	462.031
	7345.286	3.969	462.640	462.650
	7345.286	11.969	463.261	463.271
	7345.286	20.000	463.884	463.894
28.0	7354.571	- 4.000	462.022	462.047
	7354.571	3.948	462.638	462.664
	7354.571	11.948	463.259	463.285
	7354.571	20.000	463.884	463.910
28.5	7363.857	- 4.000	462.015	462.058
	7363.857	3.969	462.633	462.677
	7363.857	11.969	463.254	463.298
	7363.857	20.000	463.877	463.922

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
29.0	7373.143	- 4.000	462.001	462.063
	7373.143	3.968	462.619	462.682
	7373.143	11.968	463.240	463.303
	7373.143	20.000	463.863	463.927
29.5	7382.428	- 4.000	461.980	462.059
	7382.428	3.923	462.595	462.674
	7382.428	11.923	463.215	463.295
	7382.428	20.000	463.842	463.922
30.0	7391.714	- 4.000	461.952	462.042
	7391.714	3.920	462.566	462.657
	7391.714	11.920	463.187	463.278
	7391.714	20.000	463.814	463.905
30.5	7401.000	- 4.000	461.917	462.012
	7401.000	3.959	462.535	462.629
	7401.000	11.959	463.155	463.250
	7401.000	20.000	463.779	463.874
31.0	7410.286	- 4.000	461.875	461.966
	7410.286	3.978	462.494	462.584
	7410.286	11.978	463.115	463.205
	7410.286	20.000	463.738	463.827
31.5	7419.571	- 4.000	461.829	461.908
	7419.571	3.957	462.446	462.525
	7419.571	11.957	463.067	463.145
	7419.571	20.000	463.691	463.769
32.0	7428.857	- 4.000	461.782	461.846
	7428.857	3.978	462.401	462.464
	7428.857	11.978	463.022	463.084
	7428.857	20.000	463.645	463.706
32.5	7438.143	- 4.000	461.736	461.780
	7438.143	3.959	462.354	462.397
	7438.143	11.959	462.974	463.017
	7438.143	20.000	463.598	463.640

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
33.0	7447.428	- 4.000	461.690	461.715
	7447.428	3.920	462.304	462.329
	7447.428	11.920	462.925	462.949
	7447.428	20.000	463.552	463.575
33.5	7456.714	- 4.000	461.643	461.653
	7456.714	3.923	462.258	462.267
	7456.714	11.923	462.879	462.887
	7456.714	20.000	463.505	463.514
34.0	7466.306	- 4.000	461.595	461.595
	7465.698	3.966	462.216	462.216
	7465.092	11.961	462.840	462.840
	7464.487	20.000	463.467	463.467
34.5	7475.286	- 4.000	461.540	461.545
	7475.286	3.965	462.178	462.183
	7475.286	11.965	462.818	462.824
	7475.286	20.000	463.460	463.467
35.0	7484.571	- 4.000	461.493	461.511
	7484.571	3.940	462.128	462.147
	7484.571	11.940	462.768	462.787
	7484.571	20.000	463.413	463.433
35.5	7493.857	- 4.000	461.446	461.480
	7493.857	3.965	462.083	462.118
	7493.857	11.964	462.723	462.759
	7493.857	20.000	463.366	463.402
36.0	7503.143	- 4.000	461.397	461.448
	7503.143	3.963	462.034	462.086
	7503.143	11.963	462.674	462.726
	7503.143	20.000	463.317	463.370
36.5	7512.429	- 4.000	461.347	461.410
	7512.429	3.911	461.980	462.044
	7512.429	11.911	462.620	462.684
	7512.429	20.000	463.267	463.332

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
37.0	7521.714	- 4.000	461.296	461.367
	7521.714	3.908	461.929	461.999
	7521.714	11.907	462.569	462.639
	7521.714	20.000	463.216	463.287
37.5	7531.000	- 4.000	461.246	461.315
	7531.000	3.953	461.882	461.951
	7531.000	11.952	462.522	462.591
	7531.000	20.000	463.166	463.235
38.0	7540.286	- 4.000	461.195	461.256
	7540.286	3.971	461.833	461.893
	7540.286	11.971	462.473	462.533
	7540.286	20.000	463.115	463.175
38.5	7548.571	- 4.000	461.150	461.196
	7548.571	3.940	461.785	461.830
	7548.571	11.940	462.425	462.470
	7548.571	20.000	463.070	463.115
39.0	7556.857	- 4.000	461.105	461.131
	7556.857	3.947	461.741	461.766
	7556.857	11.947	462.381	462.406
	7556.857	20.000	463.025	463.050
39.5	7561.436	- 4.000	461.080	461.093
	7561.436	3.968	461.717	461.730
	7561.436	11.968	462.357	462.370
	7561.436	20.000	463.000	463.012
40.0	7566.047	- 4.000	461.055	461.055
	7565.981	4.000	461.695	461.695
	7565.915	12.000	462.336	462.336
	7565.849	20.000	462.976	462.976

Sta 74+72.405

℄ Ramp R ℄ Extended ℄

KEY PLAN

Note: For Notes see Sheet No. 126
All Stations & Offsets in the Tables are given to ℄ & Extended ℄ at Left Side of Structure as Shown in the Key Plan.

DESIGNED BY R. M. R.
DRAWN BY A. S.
CHECKED BY A. J. C.
APPROVED BY K. A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS R3 THRU 01-R
POPLAR STREET BRIDGE APPROACHES
RAMP "R"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 177 OF 326

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	231
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.0	326.214	- 20.000	448.714	448.714
	327.370	- 11.999	448.194	448.194
	328.544	- 3.999	447.668	447.668
	329.735	4.000	447.137	447.137

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
1.5	336.568	- 20.000	449.025	449.042
	336.568	- 11.949	448.443	448.458
	336.568	- 3.956	447.864	447.877
	336.568	4.000	447.288	447.300

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.0	344.000	- 20.000	449.257	449.283
	344.000	- 11.968	448.656	448.680
	344.000	- 3.971	448.057	448.080
	344.000	4.000	447.459	447.482

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
2.5	353.500	- 20.000	449.564	449.595
	353.500	- 11.936	448.934	448.965
	353.500	- 3.936	448.309	448.339
	353.500	4.000	447.688	447.719

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.0	363.000	- 20.000	449.854	449.884
	363.000	- 11.893	449.206	449.236
	363.000	- 3.894	448.566	448.596
	363.000	4.000	447.934	447.965

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
3.5	372.500	- 20.000	450.119	450.141
	372.500	- 11.936	449.474	449.496
	372.500	- 3.936	448.834	448.857
	372.500	4.000	448.199	448.222

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.0	382.000	- 20.000	450.395	450.406
	382.000	- 11.956	449.751	449.763
	382.000	- 3.957	449.111	449.124
	382.000	4.000	448.475	448.487

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
4.5	391.500	- 20.000	450.682	450.685
	391.500	- 11.913	450.035	450.038
	391.500	- 3.914	449.395	449.398
	391.500	4.000	448.762	448.765

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.0	401.000	- 20.000	450.980	450.980
	401.000	- 11.956	450.336	450.336
	401.000	- 3.957	449.697	449.697
	401.000	4.000	449.060	449.060

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
5.5	410.500	- 20.000	451.290	451.295
	410.500	- 11.965	450.647	450.652
	410.500	- 3.965	450.007	450.012
	410.500	4.000	449.370	449.375

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.0	420.000	- 20.000	451.611	451.626
	420.000	- 11.971	450.968	450.984
	420.000	- 3.972	450.328	450.344
	420.000	4.000	449.691	449.706

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
6.5	429.500	- 20.000	451.943	451.970
	429.500	- 11.936	451.298	451.325
	429.500	- 3.936	450.658	450.685
	429.500	4.000	450.023	450.050

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.0	439.000	- 20.000	452.286	452.323
	439.000	- 11.893	451.638	451.674
	439.000	- 3.894	450.998	451.034
	439.000	4.000	450.366	450.403

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
7.5	448.500	- 20.000	452.641	452.682
	448.500	- 11.936	451.996	452.036
	448.500	- 3.936	451.356	451.396
	448.500	4.000	450.721	450.762

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.0	458.000	- 20.000	453.007	453.044
	458.000	- 11.971	452.365	452.402
	458.000	- 3.972	451.725	451.762
	458.000	4.000	451.087	451.124

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
8.5	467.500	- 20.000	453.384	453.412
	467.500	- 11.965	452.741	452.769
	467.500	- 3.965	452.101	452.129
	467.500	4.000	451.464	451.492

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.0	477.000	- 20.000	453.764	453.780
	477.000	- 11.956	453.120	453.137
	477.000	- 3.957	452.481	452.497
	477.000	4.000	451.844	451.860

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
9.5	486.500	- 20.000	454.144	454.150
	486.500	- 11.913	453.497	453.503
	486.500	- 3.914	452.857	452.863
	486.500	4.000	452.224	452.230

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.0	496.000	- 20.000	454.524	454.524
	496.000	- 11.956	453.880	453.880
	496.000	- 3.957	453.241	453.241
	496.000	4.000	452.604	452.604

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
10.5	505.500	- 20.000	454.904	454.908
	505.500	- 11.965	454.261	454.265
	505.500	- 3.965	453.621	453.625
	505.500	4.000	452.984	452.988

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.0	515.000	- 20.000	455.284	455.296
	515.000	- 11.971	454.642	454.654
	515.000	- 3.972	454.002	454.014
	515.000	4.000	453.364	453.376

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
11.5	524.500	- 20.000	455.664	455.687
	524.500	- 11.936	455.019	455.041
	524.500	- 3.936	454.379	454.401
	524.500	4.000	453.744	453.767

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.0	534.000	- 20.000	456.044	456.074
	534.000	- 11.893	455.395	455.425
	534.000	- 3.894	454.755	454.785
	534.000	4.000	454.124	454.154

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
12.5	543.500	- 20.000	456.412	456.442
	543.500	- 11.936	455.791	455.822
	543.500	- 3.936	455.176	455.206
	543.500	4.000	454.566	454.596

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.0	553.000	- 20.000	456.776	456.799
	553.000	- 11.970	456.190	456.213
	553.000	- 3.970	455.606	455.630
	553.000	4.000	455.025	455.048

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
13.5	560.833	- 20.000	457.076	457.069
	560.833	- 11.956	456.516	456.528
	560.833	- 3.956	455.958	455.971
	560.833	4.000	455.404	455.416

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
14.0	568.690	- 20.000	457.377	457.377
	568.681	- 12.000	456.846	456.846
	568.671	- 4.000	456.314	456.314
	568.661	4.000	455.782	455.782

Note: For Notes see Sheet No. 126

ED BY R.M.R.
BY A.S.
D BY A.J.C.
ED BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS S1 THRU S3.

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 178 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	232
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
15.0	571.310	- 20.000	457.478	457.478
	571.319	- 12.000	456.956	456.956
	571.329	- 4.000	456.433	456.433
	571.339	4.000	455.911	455.911
15.5	577.167	- 20.000	457.702	457.714
	577.167	- 11.925	457.194	457.206
	577.167	- 3.925	456.691	456.703
	577.167	4.000	456.193	456.205
16.0	583.000	- 20.000	457.926	457.947
	583.000	- 11.882	457.425	457.457
	583.000	- 3.883	456.952	456.973
	583.000	4.000	456.475	456.497
16.5	592.000	- 20.000	458.271	458.305
	592.000	- 11.879	457.810	457.844
	592.000	- 3.880	457.357	457.391
	592.000	4.000	456.910	456.944
17.0	601.000	- 20.000	458.616	458.655
	601.000	- 11.954	458.190	458.229
	601.000	- 3.954	457.766	457.806
	601.000	4.000	457.345	457.385
17.5	610.000	- 20.000	458.961	459.000
	610.000	- 12.000	458.567	458.607
	610.000	- 4.000	458.174	458.212
	610.000	4.000	457.780	457.820
18.0	619.000	- 20.000	459.306	459.339
	619.000	- 12.000	458.942	458.976
	619.000	- 4.000	458.579	458.612
	619.000	4.000	458.215	458.249

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
18.5	628.000	- 20.000	459.651	459.674
	628.000	- 12.000	459.317	459.341
	628.000	- 4.000	458.984	459.007
	628.000	4.000	458.650	458.674
19.0	637.000	- 20.000	459.996	460.008
	637.000	- 12.000	459.692	459.705
	637.000	- 4.000	459.389	459.401
	637.000	4.000	459.085	459.097
19.5	646.000	- 20.000	460.341	460.344
	646.000	- 12.000	460.067	460.071
	646.000	- 4.000	459.794	459.797
	646.000	4.000	459.520	459.524
20.0	655.000	- 20.000	460.686	460.686
	655.000	- 12.000	460.442	460.442
	655.000	- 4.000	460.199	460.199
	655.000	4.000	459.955	459.955
20.5	664.000	- 20.000	461.031	461.034
	664.000	- 12.000	460.817	460.820
	664.000	- 4.000	460.604	460.607
	664.000	4.000	460.390	460.393
21.0	673.000	- 20.000	461.376	461.387
	673.000	- 12.000	461.192	461.204
	673.000	- 4.000	461.009	461.020
	673.000	4.000	460.825	460.837
21.5	682.000	- 20.000	461.721	461.744
	682.000	- 12.000	461.567	461.590
	682.000	- 4.000	461.414	461.436
	682.000	4.000	461.260	461.283

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
22.0	691.000	- 20.000	462.066	462.100
	691.000	- 12.000	461.942	461.976
	691.000	- 4.000	461.819	461.852
	691.000	4.000	461.695	461.729
22.5	700.000	- 20.000	462.411	462.452
	700.000	- 12.000	462.317	462.359
	700.000	- 4.000	462.224	462.265
	700.000	4.000	462.130	462.171
23.0	709.000	- 20.000	462.756	462.800
	709.000	- 12.000	462.692	462.736
	709.000	- 4.000	462.629	462.672
	709.000	4.000	462.565	462.609
23.5	718.000	- 20.000	463.101	463.142
	718.000	- 12.000	463.067	463.108
	718.000	- 4.000	463.033	463.075
	718.000	4.000	463.000	463.041
24.0	727.000	- 20.000	463.446	463.479
	727.000	- 12.000	463.442	463.475
	727.000	- 4.000	463.438	463.472
	727.000	4.000	463.435	463.468
24.5	736.000	- 20.000	463.791	463.813
	736.000	- 12.000	463.817	463.839
	736.000	- 4.000	463.843	463.866
	736.000	4.000	463.870	463.892
25.0	745.000	- 20.000	464.136	464.147
	745.000	- 12.000	464.192	464.203
	745.000	- 4.000	464.248	464.259
	745.000	4.000	464.305	464.316

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
25.5	754.000	- 20.000	464.481	464.484
	754.000	- 12.000	464.567	464.570
	754.000	- 4.000	464.653	464.656
	754.000	4.000	464.740	464.742
26.0	763.000	- 20.000	464.826	464.826
	763.000	- 12.000	464.942	464.942
	763.000	- 4.000	465.058	465.058
	763.000	4.000	465.175	465.175

Note: For Notes see Sheet No. 126

BY R.M.R.
A.S.
BY A.J.C.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS
SPANS S4 AND S5
POPLAR STREET BRIDGE APPROACHES
RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
179 of 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-1	ST. CLAIR	258	233
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
26.5	772.000	- 20.000	465.171	465.174
	772.000	- 12.000	465.317	465.321
	772.000	- 4.000	465.463	465.467
	772.000	4.000	465.610	465.613
27.0	781.000	- 20.000	465.516	465.528
	781.000	- 12.000	465.692	465.704
	781.000	- 4.000	465.868	465.881
	781.000	4.000	466.044	466.057
27.5	790.000	- 20.000	465.861	465.885
	790.000	- 12.000	466.067	466.091
	790.000	- 4.000	466.273	466.297
	790.000	4.000	466.479	466.504
28.0	799.000	- 20.000	466.206	466.242
	799.000	- 12.000	466.442	466.478
	799.000	- 4.000	466.678	466.714
	799.000	4.000	466.914	466.950
28.5	808.000	- 20.000	466.551	466.595
	808.000	- 12.000	466.817	466.861
	808.000	- 4.000	467.083	467.127
	808.000	4.000	467.349	467.393
29.0	817.000	- 20.000	466.896	466.943
	817.000	- 12.000	467.192	467.239
	817.000	- 4.000	467.488	467.535
	817.000	4.000	467.784	467.831
29.5	826.000	20.000	467.241	467.287
	826.000	12.000	467.567	467.611
	826.000	4.000	467.893	467.937
	826.000	4.000	468.219	468.263

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
30.0	835.000	- 20.000	467.586	467.622
	835.000	- 12.000	467.942	467.978
	835.000	- 4.000	468.298	468.334
	835.000	4.000	468.654	468.690
30.5	844.000	- 20.000	467.931	467.956
	844.000	- 12.000	468.317	468.342
	844.000	- 4.000	468.703	468.728
	844.000	4.000	469.089	469.114
31.0	853.000	- 20.000	468.276	468.289
	853.000	- 12.000	468.690	468.703
	853.000	- 4.000	469.106	469.119
	853.000	4.000	469.524	469.537
31.5	862.000	- 4.000	468.621	468.625
	862.000	3.897	469.061	469.065
	862.000	11.896	469.507	469.511
	862.000	20.000	469.959	469.963
32.0	871.000	- 4.000	468.966	468.966
	871.000	3.942	469.439	469.439
	871.000	11.942	469.915	469.915
	871.000	20.000	470.394	470.394
32.5	880.000	- 4.000	469.311	469.315
	880.000	3.953	469.814	469.818
	880.000	11.953	470.320	470.324
	880.000	20.000	470.829	470.834
33.0	889.000	- 4.000	469.656	469.670
	889.000	3.960	470.189	470.203
	889.000	11.959	470.726	470.739
	889.000	20.000	471.264	471.278

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
33.5	898.000	- 4.000	470.001	470.027
	898.000	3.917	470.561	470.587
	898.000	11.916	471.127	471.153
	898.000	20.000	471.700	471.725
34.0	907.000	- 4.000	470.346	470.382
	907.000	3.859	470.932	470.968
	907.000	11.858	471.528	471.564
	907.000	20.000	472.135	472.171
34.5	916.000	- 4.000	470.691	470.733
	916.000	3.917	471.311	471.353
	916.000	11.916	471.937	471.979
	916.000	20.000	472.570	472.612
35.0	925.000	- 4.000	471.044	471.086
	925.000	3.960	471.681	471.723
	925.000	11.959	472.321	472.363
	925.000	20.000	472.964	473.006
35.5	934.000	- 4.000	471.404	471.440
	934.000	3.953	472.040	472.076
	934.000	11.953	472.680	472.716
	934.000	20.000	473.324	473.360
36.0	943.000	- 4.000	471.764	471.787
	943.000	3.966	472.401	472.424
	943.000	11.966	473.041	473.064
	943.000	20.000	473.684	473.707

FL EM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.L.
36.5	948.833	- 4.000	471.997	472.009
	948.833	3.959	472.634	472.646
	948.833	11.958	473.274	473.286
	948.833	20.000	473.917	473.930
37.0	954.658	- 4.000	472.230	472.230
	954.673	4.000	472.871	472.871
	954.688	12.000	473.512	473.512
	954.703	20.000	474.152	474.152

Note: For Notes see Sheet No. 126

BY R.M.R.
Y A.S.
BY A.J.C.
) BY R.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS S6 AND S7

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
180 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	234
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
38.0	957.342	- 4.000	472.338	472.338
	957.327	4.000	472.977	472.977
	957.312	12.000	473.617	473.617
	957.297	20.000	474.256	474.256

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
38.5	963.417	- 4.000	472.581	472.589
	963.417	3.910	473.214	473.222
	963.417	11.909	473.854	473.862
	963.417	20.000	474.501	474.509

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
39.0	969.500	- 4.000	472.824	472.839
	969.500	3.873	473.454	473.469
	969.500	11.872	474.094	474.109
	969.500	20.000	474.744	474.759

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
39.5	978.750	- 4.000	473.194	473.215
	978.750	3.919	473.828	473.849
	978.750	11.918	474.468	474.489
	978.750	20.000	475.114	475.135

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
40.0	988.000	- 4.000	473.564	473.585
	988.000	3.958	474.201	474.222
	988.000	11.958	474.841	474.862
	988.000	20.000	475.484	475.505

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
40.5	997.250	- 4.000	473.934	473.950
	997.250	3.950	474.570	474.586
	997.250	11.949	475.210	475.226
	997.250	20.000	475.854	475.870

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
41.0	1006.500	- 4.000	474.304	474.312
	1006.500	3.335	474.939	474.947
	1006.500	11.935	475.579	475.587
	1006.500	20.000	476.224	476.232

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
41.5	1015.750	- 4.000	474.674	474.676
	1015.750	3.874	475.304	475.306
	1015.750	11.872	475.944	475.946
	1015.750	20.000	476.594	476.596

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
42.0	1025.000	- 4.000	475.044	475.044
	1025.000	3.935	475.679	475.679
	1025.000	11.935	476.319	476.319
	1025.000	20.000	476.964	476.

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
42.5	1034.250	- 4.000	475.414	475.425
	1034.250	3.950	476.050	476.061
	1034.250	11.949	476.690	476.701
	1034.250	20.000	477.334	477.345

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
43.0	1043.500	- 4.000	475.784	475.811
	1043.500	3.958	476.421	476.447
	1043.500	11.958	477.061	477.087
	1043.500	20.000	477.704	477.731

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
43.5	1053.500	- 4.000	476.184	476.227
	1053.500	1.521	476.626	476.669
	1053.500	7.062	477.069	477.112
	1053.500	20.000	478.104	478.147

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
44.0	1063.500	- 4.000	476.584	476.639
	1063.500	- 2.460	476.707	476.763
	1063.500	- .903	476.832	476.887
	1063.500	20.000	478.504	478.559

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
44.5	1073.500	- 4.000	476.984	477.044
	1073.500	- 1.679	477.170	477.230
	1073.500	.664	477.357	477.417
	1073.500	20.000	478.904	478.964

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
45.0	1083.500	- 4.000	477.384	477.439
	1083.500	2.339	477.891	477.946
	1083.500	8.695	478.400	478.455
	1083.500	20.000	479.304	479.359

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
45.5	1093.500	- 4.000	477.784	477.827
	1093.500	3.940	478.419	478.462
	1093.500	11.939	479.059	479.102
	1093.500	20.000	479.704	479.747

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
46.0	1103.500	- 4.000	478.184	478.211
	1103.500	3.954	478.821	478.847
	1103.500	11.954	479.460	479.487
	1103.500	20.000	480.104	480.131

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
46.5	1112.750	- 4.000	478.554	478.565
	1112.750	3.950	479.190	479.201
	1112.750	11.949	479.830	479.841
	1112.750	20.000	480.474	480.485

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
47.0	1122.000	- 4.000	478.924	478.924
	1122.000	3.958	479.561	479.561
	1122.000	11.958	480.201	480.201
	1122.000	20.000	480.844	480.844

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
47.5	1131.250	- 4.000	479.294	479.296
	1131.250	3.950	479.930	479.932
	1131.250	11.949	480.570	480.572
	1131.250	20.000	481.214	481.216

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
48.0	1140.500	- 4.000	479.664	479.672
	1140.500	3.958	480.301	480.309
	1140.500	11.958	480.941	480.949
	1140.500	20.000	481.584	481.592

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
48.5	1149.750	- 4.000	480.034	480.050
	1149.750	3.910	480.667	480.683
	1149.750	11.909	481.307	481.323
	1149.750	20.000	481.954	481.970

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
49.0	1159.000	- 4.000	480.404	480.426
	1159.000	3.849	481.032	481.053
	1159.000	11.847	481.672	481.693
	1159.000	20.000	482.324	482.345

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
49.5	1168.250	- 4.000	480.774	480.795
	1168.250	3.910	481.407	481.428
	1168.250	11.909	482.047	482.068
	1168.250	20.000	482.694	482.715

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
50.0	1177.500	- 4.000	481.144	481.159
	1177.500	3.965	481.781	481.796
	1177.500	11.965	482.421	482.436
	1177.500	20.000	483.064	483.079

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
50.5	1183.583	- 4.000	481.368	481.396
	1183.583	3.956	482.024	482.032
	1183.583	11.955	482.664	482.672
	1183.583	20.000	483.308	483.316

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
51.0	1189.658	- 4.000	481.631	481.631
	1189.673	4.000	482.271	482.271
	1189.688	12.000	482.912	482.912
	1189.703	20.000	483.552	483.552

Note: For Notes see Sheet No. 126

BY R.M.R.
A.S.
BY A.J.C.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS S8 THRU S10

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET
181 OF 526

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVD-I	ST. CLAIR	258	235
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
52.0	1754.342	– 4.000	494.357	494.357
	1754.327	4.000	494.997	494.997
	1754.312	12.000	495.637	495.637
	1754.297	20.000	496.277	496.277

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
52.5	1760.000	– 4.000	494.317	494.330
	1760.000	3.916	494.950	494.963
	1760.000	11.915	495.590	495.603
	1760.000	20.000	496.237	496.250

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
53.0	1765.667	– 4.000	494.273	494.298
	1765.667	3.879	494.903	494.928
	1765.667	11.878	495.543	495.568
	1765.667	20.000	496.193	496.218

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
53.5	1775.083	– 4.000	494.192	494.232
	1775.083	3.919	494.826	494.866
	1775.083	11.918	495.465	495.506
	1775.083	20.000	496.112	496.152

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
54.0	1784.500	– 4.000	494.101	494.150
	1784.500	3.957	494.738	494.787
	1784.500	11.957	495.378	495.427
	1784.500	20.000	496.021	496.070

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
54.5	1793.917	– 4.000	494.001	494.050
	1793.917	3.948	494.636	494.686
	1793.917	11.947	495.276	495.326
	1793.917	20.000	495.921	495.970

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
55.0	1803.333	– 4.000	493.890	493.933
	1803.333	3.957	494.527	494.570
	1803.333	11.957	495.167	495.210
	1803.333	20.000	495.810	495.853

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
55.5	1812.750	– 4.000	493.770	493.801
	1812.750	3.948	494.406	494.437
	1812.750	11.947	495.046	495.077
	1812.750	20.000	495.690	495.721

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56.0	1822.167	– 4.000	493.640	493.657
	1822.167	3.957	494.276	494.294
	1822.167	11.957	494.916	494.934
	1822.167	20.000	495.560	495.577

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
56.5	1831.583	– 4.000	493.500	493.506
	1831.583	3.948	494.135	494.142
	1831.583	11.947	494.775	494.782
	1831.583	20.000	495.420	495.426

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
57.0	1841.000	– 4.000	493.350	493.350
	1841.000	3.934	493.984	493.984
	1841.000	11.934	494.624	494.624
	1841.000	20.000	495.270	495.270

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
57.5	1850.417	– 4.000	493.190	493.199
	1850.417	3.871	493.820	493.829
	1850.417	11.869	494.459	494.469
	1850.417	20.000	495.110	495.119

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58.0	1859.833	– 4.000	493.020	493.045
	1859.833	3.934	493.655	493.680
	1859.833	11.934	494.295	494.320
	1859.833	20.000	494.940	494.965

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
58.5	1869.250	– 4.000	492.841	492.884
	1869.250	3.948	493.477	493.519
	1869.250	11.947	494.117	494.159
	1869.250	20.000	494.761	494.804

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
59.0	1878.667	– 4.000	492.652	492.710
	1878.667	3.957	493.288	493.347
	1878.667	11.957	493.928	493.987
	1878.667	20.000	494.572	494.630

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
59.5	1888.083	– 4.000	492.452	492.522
	1888.083	3.948	493.088	493.158
	1888.083	11.947	493.728	493.798
	1888.083	20.000	494.372	494.442

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
60.0	1897.500	– 4.000	492.243	492.317
	1897.500	3.957	492.880	492.954
	1897.500	11.957	493.520	493.594
	1897.500	20.000	494.163	494.237

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
60.5	1906.917	– 4.000	492.025	492.094
	1906.917	3.948	492.660	492.730
	1906.917	11.947	493.300	493.370
	1906.917	20.000	493.945	494.014

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
61.0	1916.333	– 4.000	491.796	491.855
	1916.333	3.957	492.432	492.491
	1916.333	11.957	493.072	493.131
	1916.333	20.000	493.716	493.775

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
61.5	1925.750	– 4.000	491.563	491.606
	1925.750	3.948	492.188	492.230
	1925.750	11.947	492.816	492.859
	1925.750	20.000	493.449	493.492

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
62.0	1935.167	– 4.000	491.330	491.355
	1935.167	3.957	491.924	491.949
	1935.167	11.957	492.522	492.546
	1935.167	20.000	493.122	493.147

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
62.5	1944.583	– 4.000	491.088	491.097
	1944.583	3.948	491.650	491.659
	1944.583	11.947	492.216	492.225
	1944.583	20.000	492.785	492.795

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
63.0	1954.000	– 4.000	490.835	490.835
	1954.000	3.957	491.367	491.367
	1954.000	11.957	491.901	491.901
	1954.000	20.000	492.439	492.439

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
63.5	1963.417	– 4.000	490.573	490.579
	1963.417	3.948	491.073	491.078
	1963.417	11.947	491.576	491.581
	1963.417	20.000	492.082	492.088

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
64.0	1972.833	– 4.000	490.301	490.317
	1972.833	3.957	490.770	490.786
	1972.833	11.957	491.242	491.258
	1972.833	20.000	491.716	491.732

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
64.5	1982.250	– 4.000	490.019	490.048
	1982.250	3.966	490.457	490.486
	1982.250	11.965	490.897	490.926
	1982.250	20.000	491.339	491.368

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
65.0	1991.667	– 4.000	489.726	489.767
	1991.667	3.986	490.136	490.177
	1991.667	11.986	490.547	490.588
	1991.667	20.000	490.959	491.000

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
65.5	2001.083	– 4.000	489.422	489.469
	2001.083	4.000	489.806	489.853
	2001.083	12.000	490.190	490.237
	2001.083	20.000	490.574	490.621

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
66.0	2010.500	– 4.000	489.108	489.155
	2010.500	4.000	489.465	489.512
	2010.500	12.000	489.622	489.669
	2010.500	20.000	490.179	490.226

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
66.5	2019.917	– 4.000	488.785	488.824
	2019.917	4.000	489.115	489.154
	2019.917	12.000	489.445	489.483
	2019.917	20.000	489.774	489.813

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
67.0	2029.333	– 4.000	488.452	488.475
	2029.333	4.000	488.754	488.778
	2029.333	12.000	489.057	489.081
	2029.333	20.000	489.360	489.383

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
67.5	2035.000	– 4.000	488.246	488.259
	2035.000	4.000	488.533	488.545
	2035.000	12.000	488.819	488.831
	2035.000	20.000	489.105	489.118

FL BM NO.	STATION	OFFSET	THEO. TOP OF ROAD	THEO. ADJ. FOR D.I.
68.0	2040.666	– 4.000	488.037	488.037
	2040.666	4.000	488.307	488.307
	2040.666	12.000	488.577	488.577
	2040.666	20.000	488.847	488.847

Note: For Notes see Sheet No. 126

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

TABLES OF ELEVATIONS

SPANS S16 THRU S18

POPLAR STREET BRIDGE APPROACHES

RAMP "S"

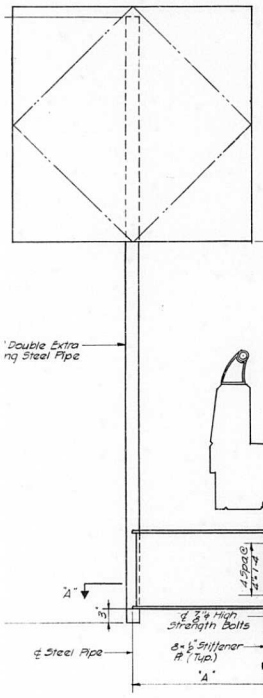
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVD-I

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 182 OF 526

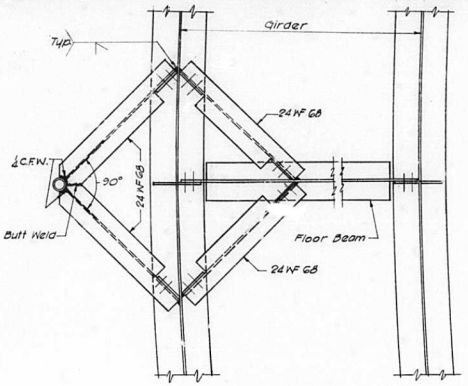
R.M.R.
A.S.
A.J.C.
K.A.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVF & E-1 82-3HVD-1	ST. CLAIR	258	223
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

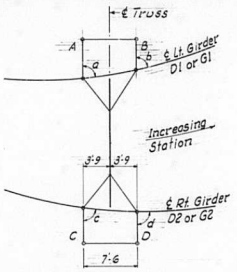


Elevation
Sign Bracket on Structure

NOTE: 8 x 1/2 Connection Pls. to be fit to Compression flange and undercut at tension flange. See Girder Details for locations of Details A and B.

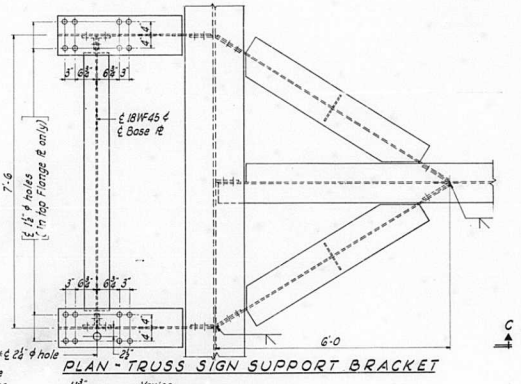


SECTION A-A



DIMENSION PLAN
TRUSS SIGN SUPPORT

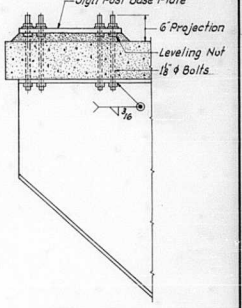
Truss Nº	Pier Station	A	B	C	D	Angle a	Angle b	Angle c	Angle d
2	Pier D10 58 + 19	3'-1 15/16	3'-1 15/16	3'-6 3/8	2'-9 3/8	90°07'11"	89°52'49"	84°29'04"	84°29'04"
3	Pier D25 72 + 59	3'-5 1/2	2'-10 3/8	3'-2 1/16	3'-2 1/16	85°53'41"	85°39'18"	89°54'13"	90°05'47"
9	Pier G13 87 + 35	2'-6 15/16	3'-7	3'-2	3'-2	96°27'14"	96°15'47"	90°00'00"	90°00'00"
10	Pier G3 77 + 68	3'-1 1/8	3'-2 13/16	3'-0 13/16	3'-3 5/16	91°12'29"	90°59'21"	91°29'00"	91°43'18"



PLAN - TRUSS SIGN SUPPORT BRACKET

Notes:
For location of Sign Bracket see Framing Plans. Weight of Sign Bracket and Cross Bracing is included with Quantity for Structural Steel.

1 1/8" ¢ Bolts, nuts & washers for overhead Sign Trusses to be furnished by the Contractor for Section 82-3HVD-1.



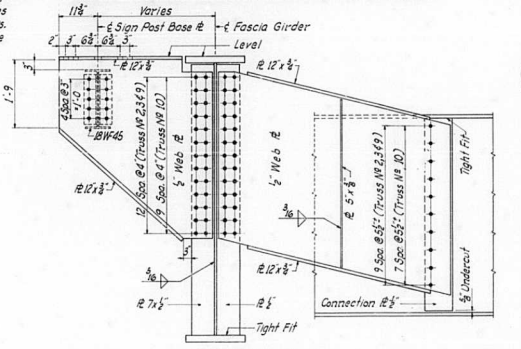
DETAIL "A"

Table For Sign Bracket Dimensions

Sign Bracket	"A"	"B"
#1	3-10	15-2
#2	3-0	14-7
#3	3-0	14-6
#4	3-10	15-0
#5	3-0	12-7
#6	3-0	14-7
#7	3-0	14-8
#8	3-0	14-6
#9	3-10	15-2
#10	3-0	14-8
#11	3-0	14-6
#12	3-10	15-0
#13	3-0	14-8
#14	3-10	15-0
#15	3-10	15-1
#16	3-0	12-8
#17	3-0	12-6
#18	3-0	14-8
#19	3-0	14-6
#20	3-0	14-7

* Locate 2 1/4" ¢ hole on side where B & D dimensions are shown for Truss No's. 9 & 10 and on side where A & C dimensions are shown for Truss No's. 2 & 3. (See Dimension Plan)

Note:
For Location of Sign Bracket see Framing Plan.



SECTION C-C

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

SIGN BRACKET DETAILS

POPLAR STREET BRIDGE APPROACHES

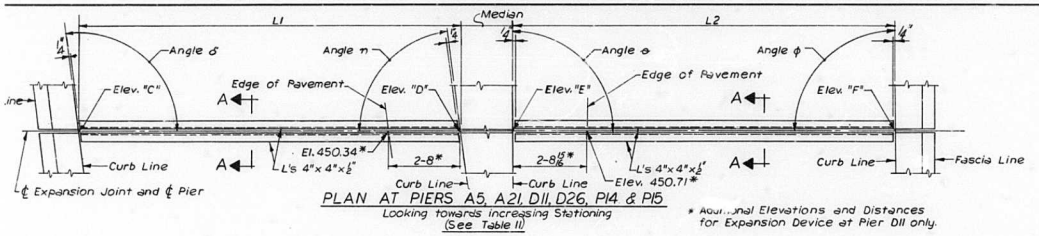
F.A.I. RT. 70 ST. CLAIR CO. SECTIONS 82-3HVF & E-1 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 3600F526

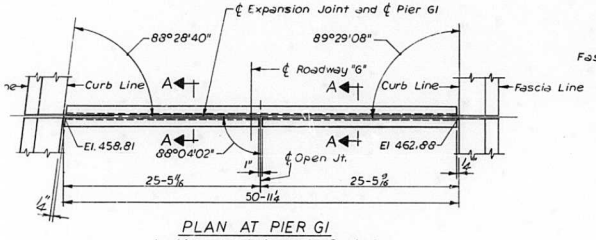
RMR
LWA G
RMR
KA

ROUTE NO.	SECTION	COUNTY.	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVF & E-1	ST. CLAIR		
	82-3HVD-1		258	237
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

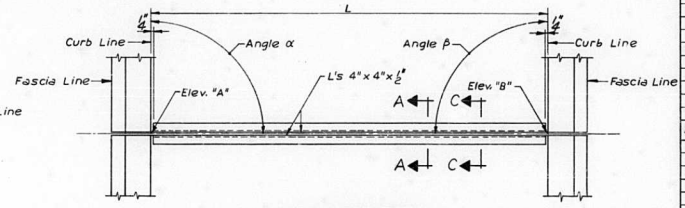


PLAN AT PIERS A5, A21, D11, D26, P14 & P15
Looking towards increasing Stationing
(See Table II)

* Additional Elevations and Distances for Expansion Device at Pier D11 only.



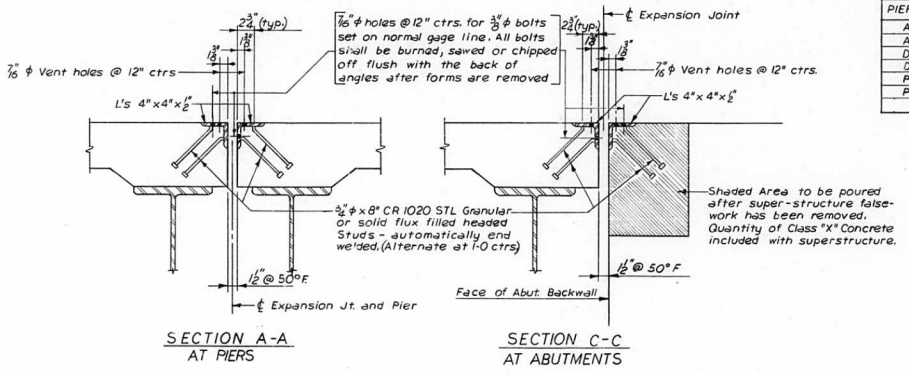
PLAN AT PIER G1
Looking towards increasing Stationing



PLAN AT PIERS
A11, A12, D5, D12, D18, D21, G9, H1, M9, N1, O6, P7, S3 & ABUTMENTS G14, H5, O10 & O11
Looking towards increasing Stationing
(See Table I)

TABLE I
FOR ELEVATIONS, LENGTHS, ANGLES & WEIGHTS

PIER NO.	ANGLE α	ELEV. "A"	L	ELEV. "B"	ANGLE β	WEIGHT
A11	90°03'16"	448.05	30-0	450.45	90°00'00"	830 Lbs.
A12	90°19'37"	448.43	30-3¼	450.85	90°00'00"	830 Lbs.
D5	90°00'00"	446.70	30-0¼	446.23	92°36'23"	830 Lbs.
D12	90°00'00"	448.31	30-0	450.71	90°00'00"	830 Lbs.
D18	90°12'05"	448.70	30-0⅜	450.88	90°00'00"	830 Lbs.
D21	91°47'46"	446.96	34-10½	449.49	90°00'00"	960 Lbs.
G9	90°00'00"	455.58	30-0	457.98	90°00'00"	830 Lbs.
H1	89°12'02"	447.50	40-7⅞	450.75	89°12'59"	1120 Lbs.
M9	90°00'00"	465.31	22-0	467.07	90°00'00"	610 Lbs.
N1	90°00'00"	451.32	22-0	450.44	90°00'00"	610 Lbs.
O6	90°00'00"	449.26	22-0	449.81	90°00'00"	610 Lbs.
P7	90°00'00"	471.78	22-0	470.02	90°00'00"	610 Lbs.
S3	90°00'00"	457.36	22-0	455.91	90°00'00"	610 Lbs.
G1		*See Details This Sheet*				1380 Lbs.
ABUTMENT						
G14	85°35'35"	443.24	48-8½	443.39	90°00'00"	1340 Lbs.
H5	89°38'49"	441.18	32-3⅝	443.76	89°36'07"	890 Lbs.
O10	90°00'00"	428.11	22-0	429.87	90°00'00"	610 Lbs.
O11	90°00'00"	424.74	22-0	426.12	90°00'00"	610 Lbs.



SECTION A-A
AT PIERS

SECTION C-C
AT ABUTMENTS

TABLE II
FOR ELEVATIONS LENGTHS ANGLES & WEIGHTS

PIER NO.	ANGLE δ	ELEV. "C"	L1	ELEV. "D"	ANGLE η	ANGLE Θ	ELEV. "E"	L2	ELEV. "F"	ANGLE φ	WEIGHT
A5	95°43'07"	443.61	21-2 15/16	445.31	86°33'25"	90°00'00"	445.68	30-0	447.24	90°00'00"	1410 Lbs.
A21	94°50'36"	454.20	19-4 7/16	455.66	87°13'59"	90°00'00"	456.27	30-0	457.32	90°00'00"	1360 Lbs.
D11	90°00'00"	447.94	32-8	450.42	86°21'42"	78°59'21"	450.63	24-11⅝	450.45	98°04'36"	1590 Lbs.
D26	97°05'16"	446.84	22-2	448.56	82°59'54"	90°00'00"	448.90	30-0	449.37	90°00'00"	1440 Lbs.
P14	107°48'41"	448.63	23-0 5/8	450.44	72°39'57"	111°54'53"	450.14	23-4 3/8	451.85	67°23'40"	1280 Lbs.
P15	113°54'37"	448.02	20-1 7/16	449.55	64°39'15"	114°43'17"	450.02	20-5 3/8	451.56	63°49'22"	1120 Lbs.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Steel	Lbs.	23,140

NOTE:

The Contractor for Section 82-3 HVF & E-1 will furnish all expansion devices shown on this sheet. See Special Provisions.
The Contractor for Section 82-3 HVD-1 will erect the expansion devices as shown on this sheet. See Special Provisions.

BY P.A.S.
BY P.A.S.
BY L.H.W.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

EXPANSION DEVICES
OPEN TYPE
POPLAR STREET BRIDGE APPROACHES

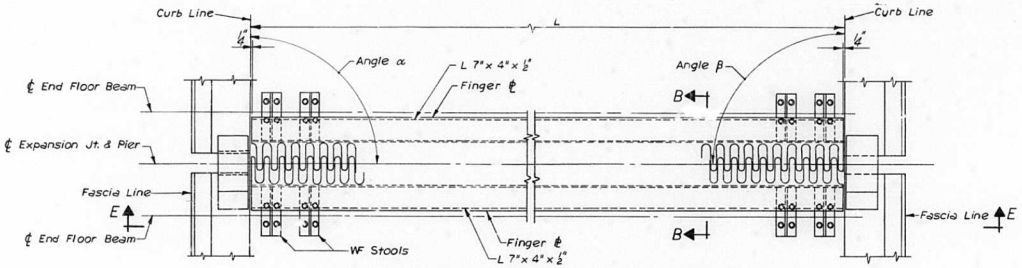
F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVF & E-1 82-3HVD-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

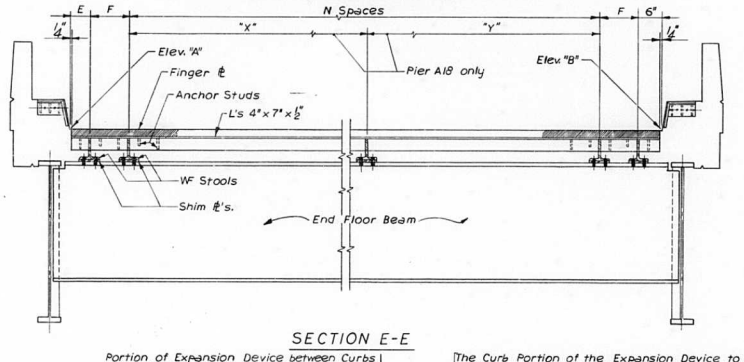
SHEET 362 OF 525

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVF & E-1	ST. CLAIR	.....	
	82-3HVD-1		258	238
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

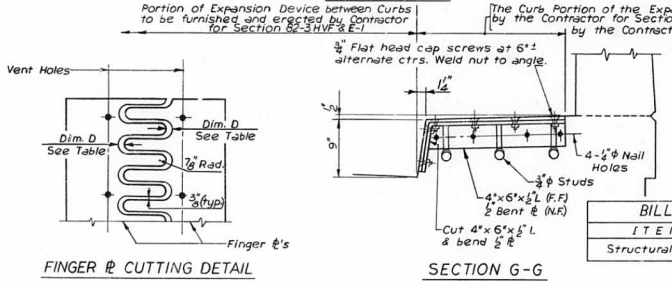
NOTE:
Stool Spacing to be adjusted to miss Stiffener and Connection Plates on Floor Beams.



PLAN AT PIERS A8, A15, A18, D8, D15, D22, D28, D33, G5, H2, M12, N5, O3, O14, P4, P10, R3, S7 AND S18
LOOKING TOWARDS INCREASING STA.



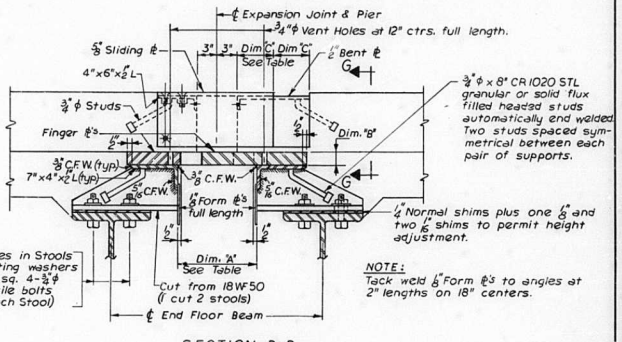
SECTION E-E



FINGER ℄ CUTTING DETAIL

SECTION G-G

NOTE:
Stool spacing to be adjusted to miss stiffener & connection plates on floor beams.



NOTE:
Tack weld ½" Form ℄'s to angles at 2" lengths on 18" centers.

SECTION B-B

TABLE OF ELEVATIONS, LENGTHS, ANGLES AND WEIGHTS OF FINGER EXPANSION DEVICES

PIER NO.	ELEV. "A"	ANGLE α	L	ANGLE β	ELEV "B"	E	F	N SPACES	WEIGHT
A8	446.49	90°00'00"	30'-0	90°00'00"	448.89	6"	1-6	13 Spaces @ 2'-0" = 26'-0	7920 lbs.
A15	449.64	90°24'03"	35'-0⅛	90°00'00"	452.44	7⅜	1-9	15 Spaces @ 2'-0 30-11⅛	9250 lbs.
A18	450.39	92°26'25"	45'-7	90°00'00"	454.03	8"	1-6	See Note "A"	11290 lbs.
D8	447.67	90°00'00"	42'-1⅛	92°36'23"	447.89	1'-0⅛	1-6	21 Spaces @ 1'-8⅛ = 33'-7⅛	11430 lbs.
D15	449.38	90°00'00"	30'-0	90°00'00"	451.78	6"	1-6	13 Spaces @ 2'-0 = 26'-0	7570 lbs.
D22	446.38	92°12'23"	37'-7⅜	90°00'00"	449.10	7⅜	1-9	17 Spaces @ 2'-0 = 34'-0	9990 lbs.
D28	451.70	90°00'00"	30'-0	90°00'00"	450.16	6"	1-6	13 Spaces @ 2'-0 = 26'-0	6120 lbs.
D33	457.98	90°00'00"	30'-0	90°00'00"	455.58	6"	1-6	13 Spaces @ 2'-0 = 26'-0	8070 lbs.
G5	457.41	89°00'09"	32'-7⅛	88°58'18"	460.18	7⅛	1-9	15 Spaces @ 2'-0 30-0	10760 lbs.
H2	446.18	89°17'21"	38'-4⅛	89°18'18"	449.25	10⅛	1-6	17 Spaces @ 2'-0 34-0	9030 lbs.
M12	449.39	90°00'00"	22'-0	90°00'00"	448.96	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6000 lbs.
N5	449.68	90°00'00"	22'-0	90°00'00"	447.92	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6880 lbs.
O3	460.18	90°00'00"	22'-0	90°00'00"	458.42	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6010 lbs.
O14	436.39	90°00'00"	22'-0	90°00'00"	436.77	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6000 lbs.
P4	471.49	90°00'00"	22'-0	90°00'00"	469.73	6"	1-6	9 Spaces @ 2'-0 = 18'-0	5360 lbs.
P10	451.04	90°00'00"	22'-0	90°00'00"	460.75	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6860 lbs.
R3	461.57	90°00'00"	22'-0	90°00'00"	463.98	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6060 lbs.
S7	472.36	90°00'00"	22'-0	90°00'00"	474.12	6"	1-6	9 Spaces @ 2'-0 = 18'-0	4960 lbs.
S18	428.02	90°00'00"	22'-0	90°00'00"	488.75	6"	1-6	9 Spaces @ 2'-0 = 18'-0	6000 lbs.

NOTE "A": For Dim. "X" use 12 Spaces @ 1'-11 = 23'-0; for "Y" Dim. use 13 Spaces @ 1'-5 = 18'-5

EXPANSION DEVICE TABLE

PIER NO.	Dimen. "A" at 50° F.	Dimen. "B" ℄ Thickness	Dimen. "C" at 50° F.	Dimen. "D" at 50° F.
A8	11⅞"	1⅞"	3½"	3⅝"
A15	12¼"	1⅞"	4"	3½"
A18	9⅝"	1-⅝"	3"	2⅝"
D8	11⅞"	1⅞"	3½"	3½"
D15	11⅞"	1⅞"	3½"	3½"
D22	12¼"	1⅞"	4"	3½"
D28	13"	1½"	4"	3⅝"
D33	12¼"	1⅞"	4"	3½"
G5	15⅝"	2¼"	5"	4⅝"
H2	9⅝"	1⅝"	3"	2⅝"
M12	12¼"	1⅞"	4"	3½"
N5	14⅝"	2¼"	4½"	4⅝"
O3	12¼"	1⅞"	4"	3½"
O14	12¼"	1⅞"	4"	3½"
P4	9¼"	1⅝"	3"	2½"
P10	14⅝"	2¼"	4½"	4⅝"
R3	13"	1⅞"	4"	3⅝"
S7	11⅞"	1⅞"	3½"	3½"
S18	10"	1⅝"	3"	2⅝"

NOTES: The Portions of the Expansion Devices for Piers A1, D1, A25, M6, S10 & S16 that have been stored by the Contractor for Section 82-3 HVB shall be erected by the Erection Contractor indicated in Section "6-6" on this sheet. See Special Provisions.

The Portions of the Expansion Devices for Piers D33, N5, O14 P4 & S18 that can be erected immediately shall be erected by the Erection Contractor indicated in Section "G-G" this Sheet. The Future portions shall be stored by the Contractor for Section 82-3HVF & E-1 until needed by the Contractors for Sections 82-3HVB-2 and 82-3HVB-3.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Steel	Lbs.	148,960

Temperature range = -30°F. to +130°F. with +50°F. = Normal.

BY P.A.S.
BY P.A.S.
BY L.H.W.
BY K.A.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

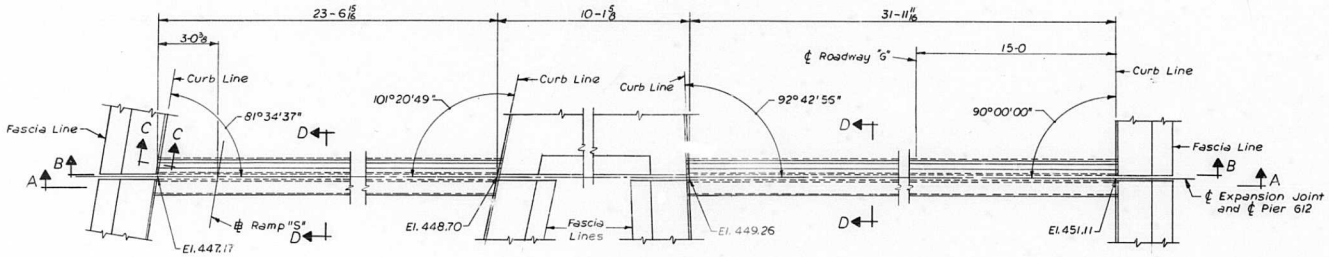
EXPANSION DEVICES
FINGER PLATE
POPLAR STREET BRIDGE APPROACHES

F. A. I. RT. 70 ST. CLAIR CO. SECTION 82-3HVF&E-1 82-3HVD-1

H. W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS

SHEET 363 OF 526

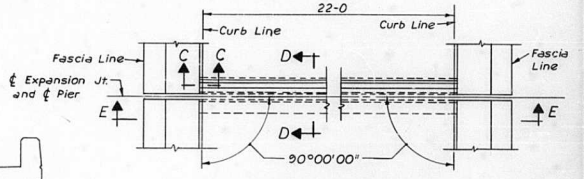
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	82-3HVF & E-1 82-3HVD-1	ST. CLAIR	558	339
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



PLAN AT PIER G12

LOOKING TOWARDS INCREASING STATIONING OF ROADWAY G

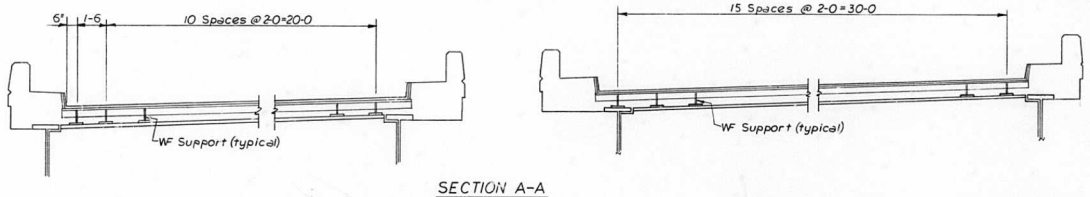
Weight 9,220 Lbs.



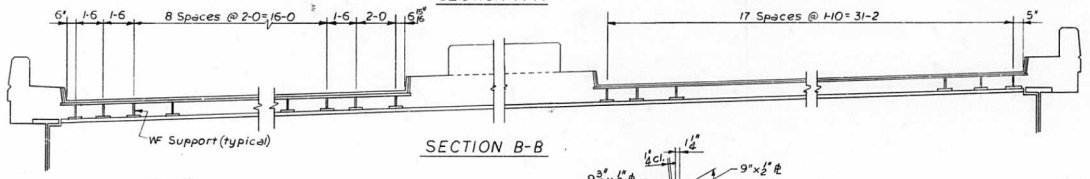
PLAN AT PIER 07

LOOKING TOWARDS INCREASING STATIONING

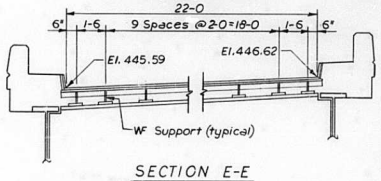
Weight 3,720 Lbs.



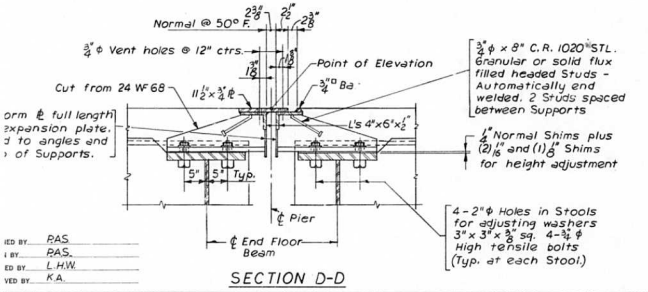
SECTION A-A



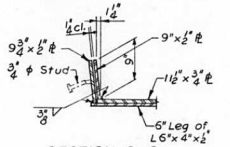
SECTION B-B



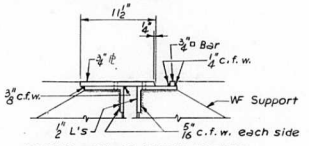
SECTION E-E



SECTION D-D



SECTION C-C



DETAIL OF SLIDING PLATE

BILL OF MATERIAL		
ITEM	UNIT	TOTAL
Structural Steel	Lbs.	12,940

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

EXPANSION DEVICES

SLIDING PLATE

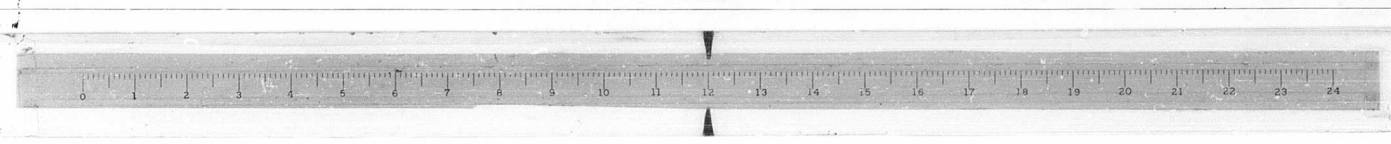
POPLAR STREET BRIDGE APPROACHES

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVF&E-1 82-3HVD-1

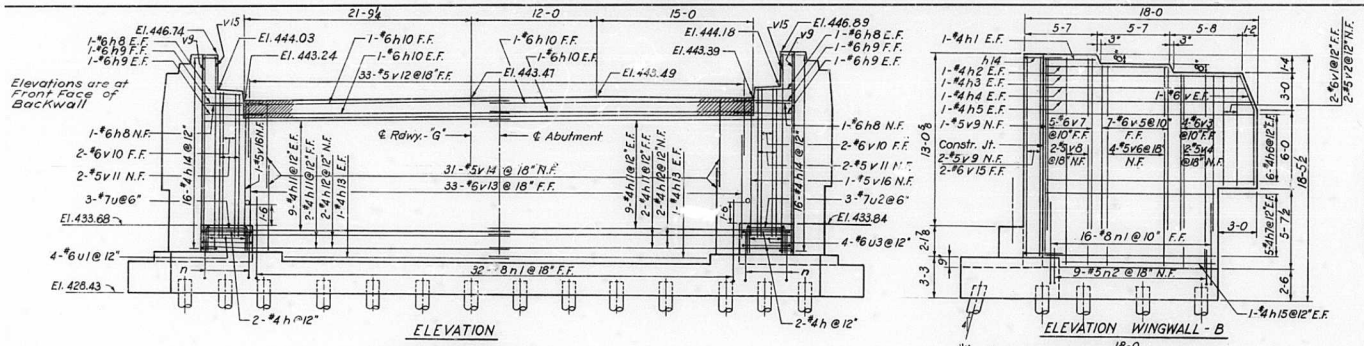
H. W. LOCHNER, INC. ENGINEERS CHICAGO, ILLINOIS

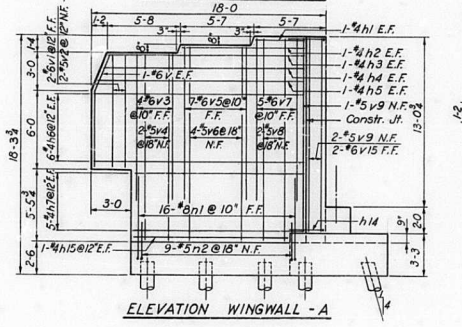
SHEET 364 of 526

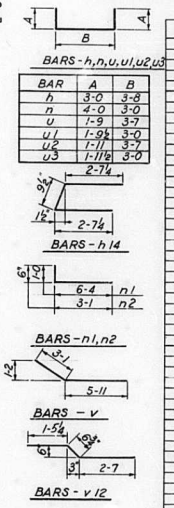
ED BY PAS
BY PAS
ED BY L.H.W.
VED BY K.A.



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. — 70	82-3HVB-1 82-3HVD-1	ST. CLAIR	258	240 240
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		







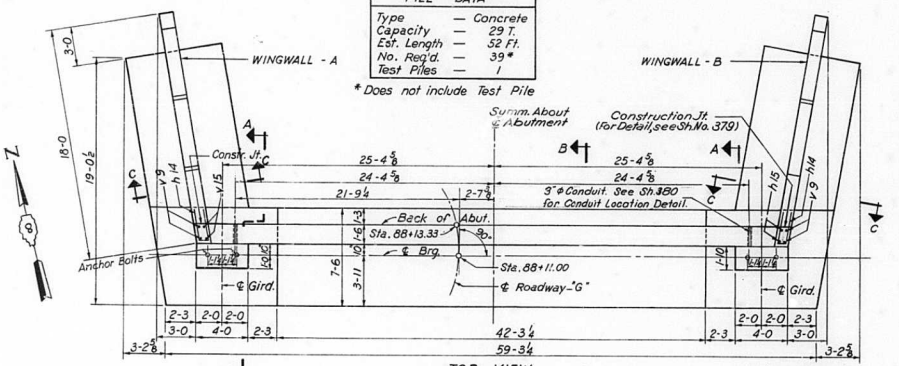
BILL OF MATERIAL

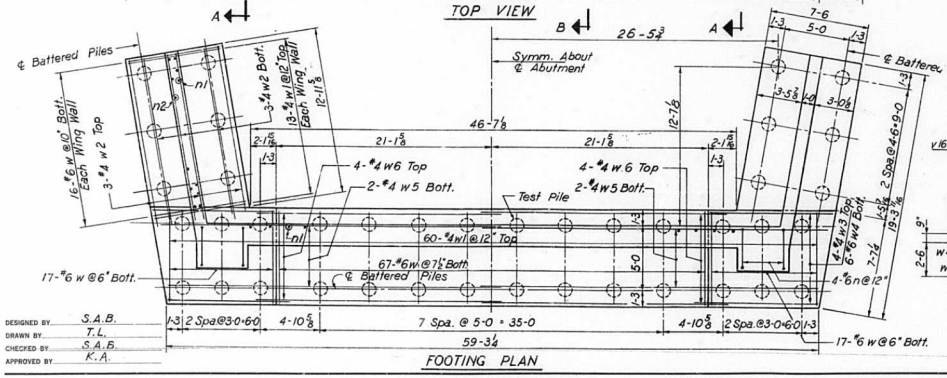
BAR	NO.	SIZE	LENGTH	SHAPE
h	4	#4	9-8	
h1	4	#4	4-0	
h2	1	#4	9-7	
h3	4	#4	15-3	
h4	4	#4	15-7	
h5	4	#4	15-11	
h6	24	#4	16-4	
h7	20	#4	13-4	
h8	6	#6	2-10	
h9	6	#6	4-5	
h10	6	#6	23-0	
h11	40	#4	21-10	
h12	4	#4	25-0	
h13	4	#4	21-9	
h14	32	#4	6-0	
h15	4	#4	12-0	
n	8	#6	11-0	
n1	64	#8	7-4	
n2	18	#5	3-7	
u	3	#7	7-1	
u1	4	#6	6-7	
u2	3	#7	7-1	
u3	4	#6	6-11	
v	4	#6	9-0	
v1	4	#6	8-10	
v2	4	#5	8-10	
v3	6	#6	12-3	
v4	4	#5	14-5	
v5	14	#6	12-11	
v6	8	#5	15-1	
v7	10	#6	13-7	
v8	4	#5	15-9	
v9	6	#5	15-0	
v10	4	#6	11-7	
v11	4	#5	11-6	
v12	33	#5	4-7	
v13	33	#6	7-3	
v14	62	#5	6-10	
v15	4	#6	15-0	
v16	2	#5	10-9	
w	133	#6	7-2	
w1	66	#4	7-2	
w2	12	#4	14-3	
w3	8	#4	8-6	
w4	12	#6	9-6	
w5	4	#4	30-2	
w6	8	#4	23-2	

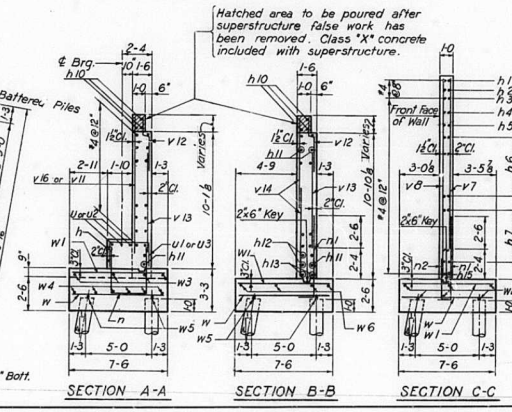
ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	114.3
Reinforcement Bars	Lbs.	8,240
Concrete Piles	Lin. Ft.	2028*
Test Piles (Concrete)	Each	1

PILE DATA	
Type	— Concrete
Capacity	— 29 T.
Est. Length	— 52 Ft.
No. Req'd.	— 39*
Test Piles	— 1

* Does not include Test Pile







For Expansion Device Details, see Sh. No. 362 (Not Applicable to 82-3 HVB-1)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ABUTMENT G14

POPLAR STREET BRIDGE APPROACHES

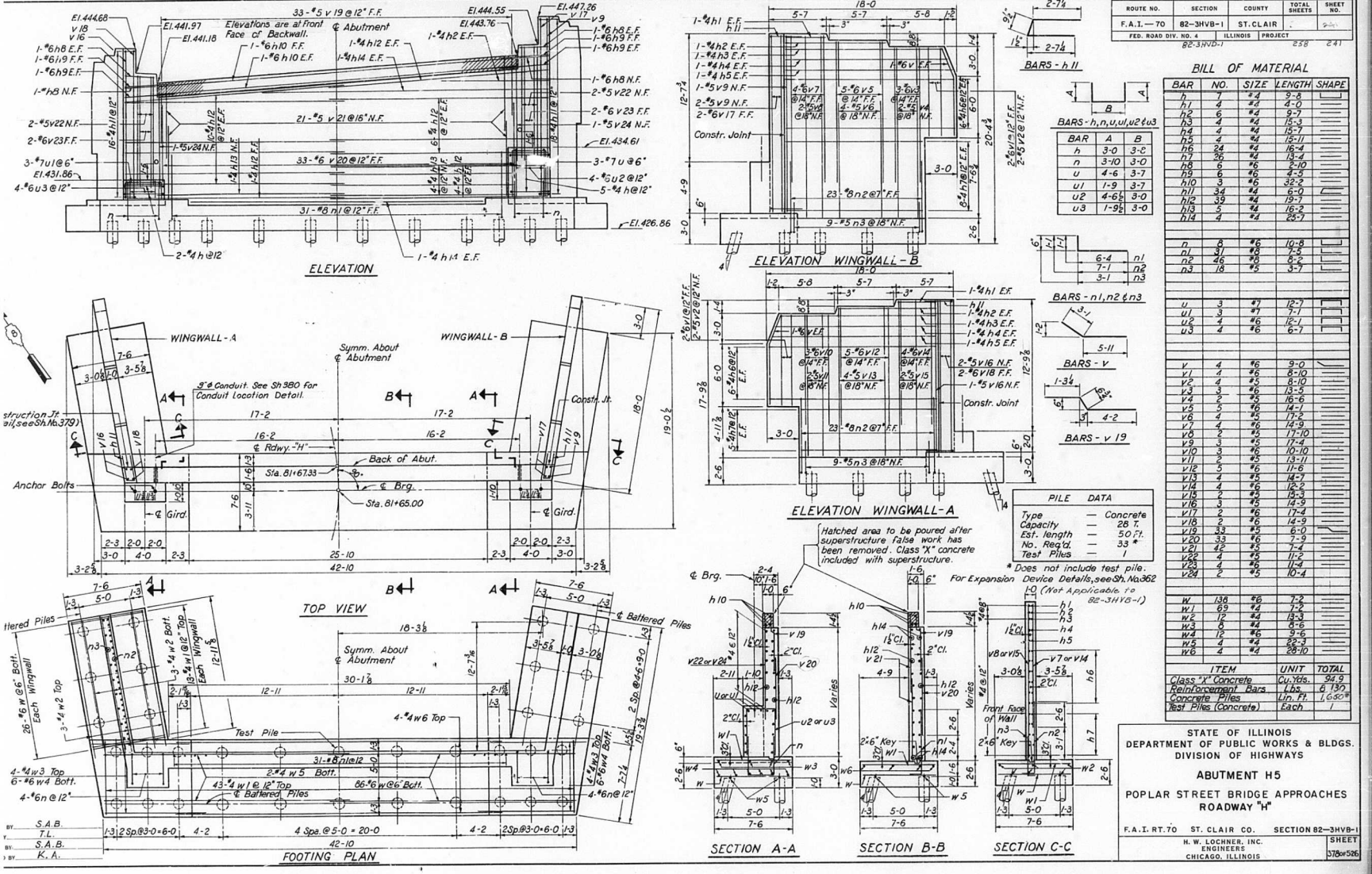
ROADWAY "G"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVB-1

DESIGNED BY	S.A.B.
DRAWN BY	T.L.
CHECKED BY	S.A.B.
APPROVED BY	K.A.

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 377 of 526



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. — 70	82-3HVB-1	ST. CLAIR	.	
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		
	82-3HVB-1		258	241

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h	7	#4	9-8	
h1	4	#4	4-0	
h2	6	#4	9-7	
h3	4	#4	15-3	
h4	4	#4	15-7	
h5	4	#4	15-11	
h6	24	#4	16-4	
h7	36	#4	13-4	
h8	6	#6	2-10	
h9	6	#6	4-5	
h10	3	#6	32-2	
h11	34	#4	6-0	
h12	39	#4	19-7	
h13	5	#4	16-2	
h14	4	#4	25-7	
n	8	#6	10-8	
n1	31	#8	7-5	
n2	46	#8	6-2	
n3	18	#5	3-7	
u	3	#7	12-7	
u1	3	#7	7-1	
u2	4	#6	12-1	
u3	4	#6	6-7	
v	4	#6	9-0	
v1	4	#6	8-10	
v2	4	#5	8-10	
v3	3	#6	13-5	
v4	2	#5	16-6	
v5	5	#6	14-1	
v6	4	#5	17-2	
v7	4	#6	14-9	
v8	2	#5	17-10	
v9	3	#5	17-4	
v10	3	#6	10-10	
v11	2	#5	13-11	
v12	5	#6	11-6	
v13	4	#5	14-7	
v14	4	#6	12-2	
v15	2	#5	15-3	
v16	3	#5	14-9	
v17	2	#6	17-4	
v18	2	#6	14-9	
v19	33	#5	6-0	
v20	33	#6	7-9	
v21	42	#5	7-4	
v22	4	#5	11-2	
v23	4	#6	11-4	
v24	2	#5	10-4	
W	136	#6	7-2	
W1	69	#4	7-2	
W2	12	#4	13-3	
W3	6	#4	8-6	
W4	12	#6	9-6	
W5	4	#4	22-3	
W6	4	#4	28-10	

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	94.9
Reinforcement Bars	Lbs.	6,130
Concrete Piles	Lin. Ft.	1,650*
Test Piles (Concrete)	Each	1

PILE DATA		
Type	—	Concrete
Capacity	—	28 T.
Est. length	—	50 Ft.
No. Req'd.	—	33 *
Test Piles	—	1

* Does not include test pile.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ABUTMENT H5

POPLAR STREET BRIDGE APPROACHES
ROADWAY "H"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVB-1

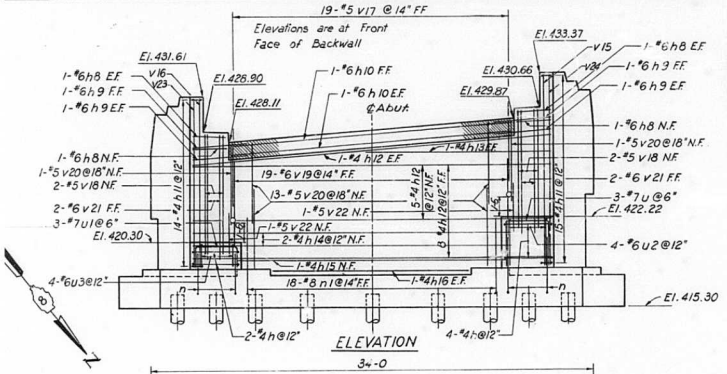
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

SHEET 378 OF 526

BY S.A.B.
Y T.L.
BY S.A.B.
) BY K.A.

82-3HVB-1 258 242

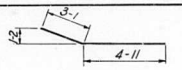
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.—70	82—3HVB—1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

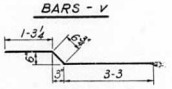


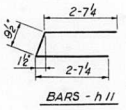
PILE DATA

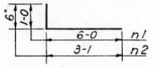
Type	— Concrete
Capacity	— 23 T.
Est. Length	— 42 Ft.
No. Req'd.	— 25*
Test Piles	— 1

* Does not include Test Pile



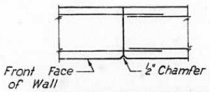








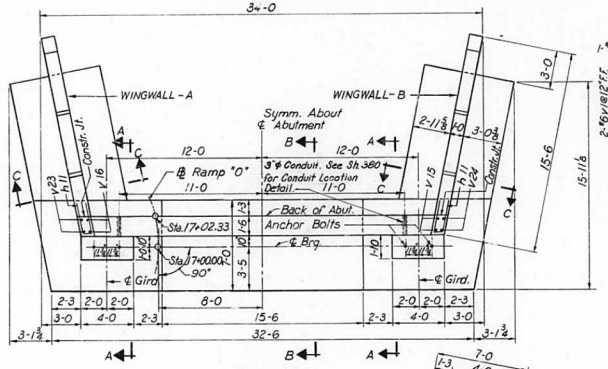
BAR	A	B
h	3-0	3-8
n	3-10	3-0
u	3-8	3-7
u1	1-9	3-7
u2	3-8½	3-0
u3	1-10	3-0

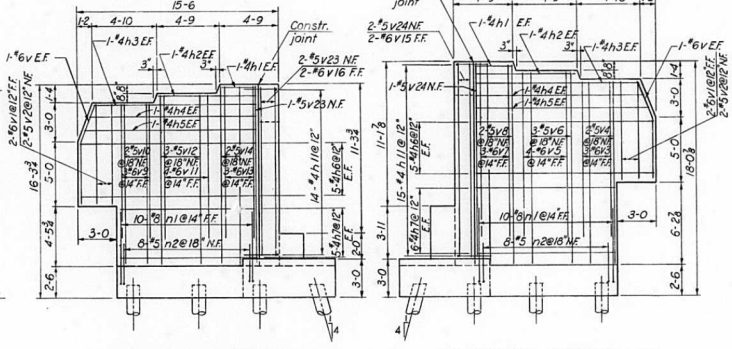


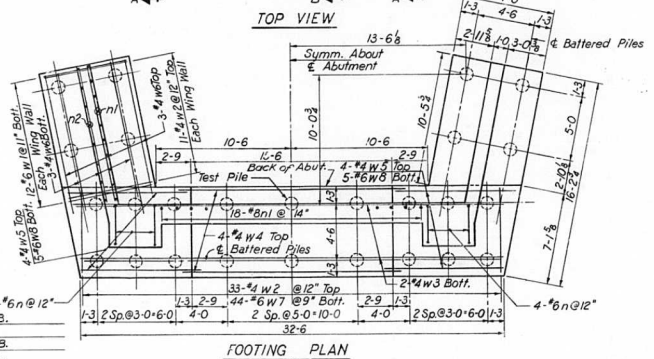
BILL OF MATERIAL

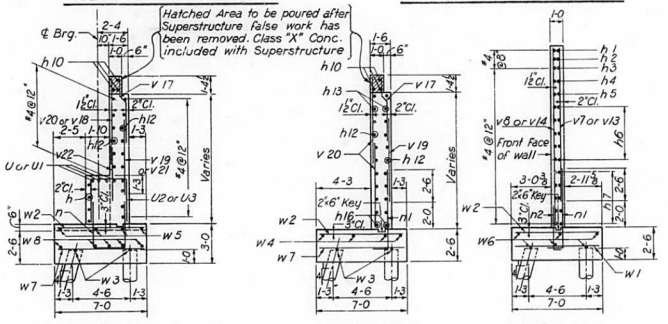
BAR	NO.	SIZE	LENGTH	SHAPE
h	6	#4	9-8	
h1	4	#4	3-2	
h2	4	#4	7-11	
h3	4	#4	12-9	
h4	4	#4	13-1	
h5	4	#4	13-5	
h6	20	#4	13-10	
h7	22	#4	10-10	
h8	6	#6	2-10	
h9	6	#6	4-5	
h10	3	#6	21-9	
h11	29	#4	6-0	
h12	15	#4	27-10	
h13	2	#4	14-0	
h14	2	#4	24-9	
h15	2	#4	21-8	
h16	2	#4	15-4	
n	8	#6	10-8	
n1	38	#6	7-0	
n2	16	#5	3-7	
u	3	#7	10-11	
u1	3	#7	7-1	
u2	4	#6	10-5	
u3	4	#6	6-8	
v	4	#6	8-0	
v1	4	#6	7-10	
v2	4	#5	7-10	
v3	3	#6	12-2	
v4	2	#5	14-2	
v5	4	#6	12-10	
v6	3	#5	14-10	
v7	3	#6	13-6	
v8	2	#5	15-6	
v9	3	#6	10-5	
v10	2	#5	12-3	
v11	4	#6	11-1	
v12	3	#5	13-1	
v13	3	#6	11-9	
v14	2	#5	13-9	
v15	2	#6	15-9	
v16	2	#6	13-3	
v17	19	#5	5-1	
v18	4	#5	9-7	
v19	19	#6	6-2	
v20	26	#6	6-4	
v21	4	#6	9-9	
v22	2	#5	3-5	
v23	3	#5	13-3	
v24	3	#5	15-0	
w1	84	#6	6-8	
w2	55	#4	6-8	
w3	2	#4	32-10	
w4	4	#4	17-2	
w5	8	#4	8-5	
w6	12	#4	11-0	
w7	44	#6	6-8	
w8	10	#6	9-6	

ITEM	UNIT	TOTAL
Class "X" Concrete	Cu. Yds.	67.1
Reinforcement Bars	Lbs.	5030
Concrete Piles	Lin. Ft.	1050*
Test Piles (Concrete)	Each	1









For Expansion Device Details, See Sh. No. 362 (Not applicable to 82-3 HVB-1)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ABUTMENT O10

POPLAR STREET BRIDGE APPROACHES
RAMP "O"

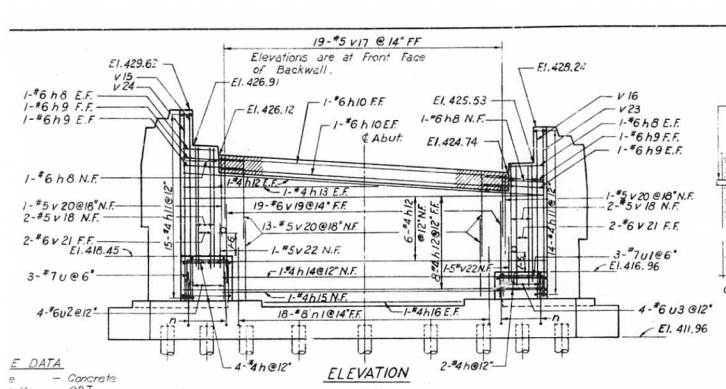
F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVB-1

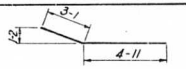
DESIGNED BY	S.A.B.
DRAWN BY	T.L.
CHECKED BY	S.A.B.
APPROVED BY	K.A.

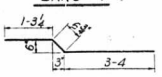
H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

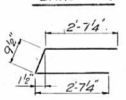
SHEET 379 or 526

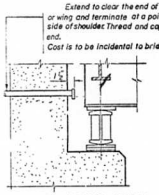
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	82-3HVB-1	ST. CLAIR		
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		

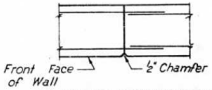


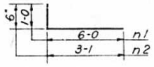


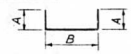












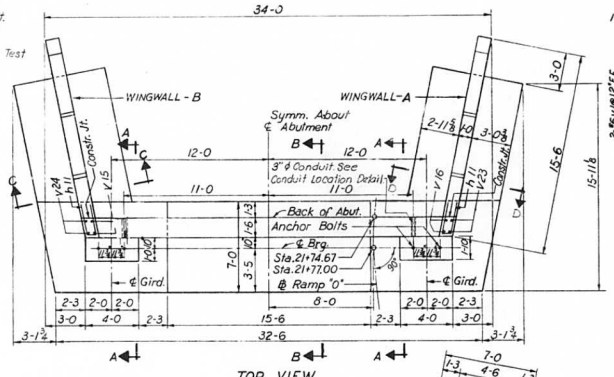
BAR	A	B
h	3-0	3-8
n	3-10	3-0
u	3-3	3-7
u1	1-9	3-7
u2	3-3½	3-0
u3	1-10	3-0

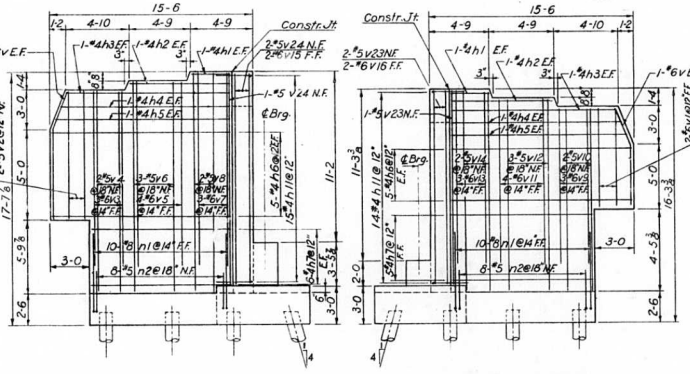
BILL OF MATERIAL

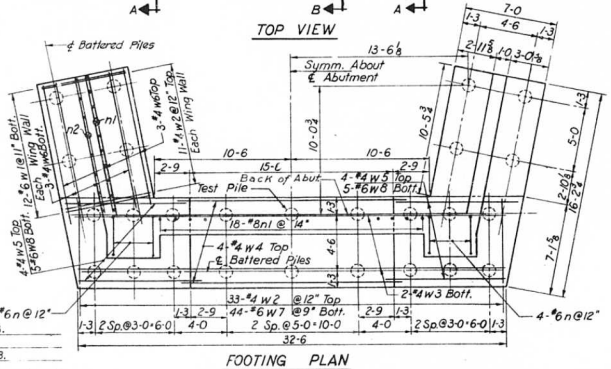
BAR	NO.	SIZE	LENGTH	SHAPE
h	6	#3	3-8	
h1	4	#3	3-2	
h2	4	#4	7-11	
h3	4	#2	12-9	
h4	4	#4	13-1	
h5	4	#4	13-5	
h6	20	#4	13-10	
h7	22	#4	10-10	
h8	6	#6	2-10	
h9	6	#6	4-5	
h10	3	#6	21-9	
h11	29	#4	6-0	
h12	16	#4	27-10	
h13	2	#4	14-0	
h14	1	#4	24-9	
h15	1	#4	21-6	
h16	2	#4	15-4	
n	8	#6	10-8	
n1	38	#8	7-0	
n2	16	#5	3-7	
u	3	#7	10-1	
u1	3	#7	7-1	
u2	4	#6	5-7	
u3	4	#6	6-8	
v	4	#6	8-0	
v1	4	#6	7-10	
v2	4	#6	7-10	
v3	3	#6	11-8	
v4	2	#5	13-9	
v5	4	#6	12-4	
v6	3	#5	14-5	
v7	3	#6	13-0	
v8	2	#5	15-1	
v9	3	#6	10-4	
v10	2	#5	12-4	
v11	4	#6	11-0	
v12	3	#5	13-0	
v13	3	#6	11-8	
v14	2	#5	13-0	
v15	2	#6	14-7	
v16	2	#6	13-2	
v17	19	#5	5-2	
v18	4	#5	9-7	
v19	19	#6	6-0	
v20	28	#5	6-2	
v21	4	#6	9-9	
v22	2	#5	3-5	
v23	3	#5	13-2	
v24	3	#5	14-7	
W1	54	#6	6-8	
W2	55	#4	6-8	
W3	2	#4	32-10	
W4	4	#4	17-2	
W5	8	#4	8-5	
W6	12	#4	11-0	
W7	44	#6	6-8	
W8	10	#6	9-6	

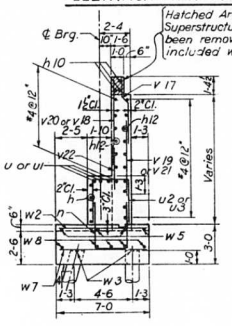
ITEM	UNIT	TOTAL
Class "X" Concrete	Cu.Yds.	66.6
Reinforcement Bars	Lbs.	4970
Concrete Piles	Lin.Ft.	1050
Test Piles (Concrete)	Each	1

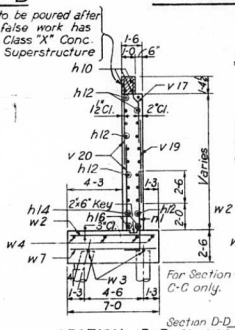
E DATA
e — Concrete
pacity — 23T
Length — 42 Ft.
Req'd. — 23*
t Piles — 1
oes not include Test
le.

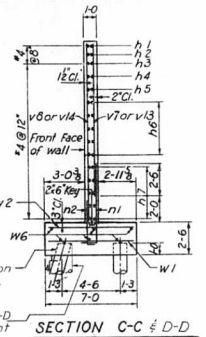












For Expansion Device Details, see Sh. No. 362
(Not applicable to 82-3HVB-1)

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

ABUTMENT O11

POPLAR STREET BRIDGE APPROACHES
RAMP "O"

F.A.I. RT. 70 ST. CLAIR CO. SECTION 82-3HVB-1

H. W. LOCHNER, INC.
ENGINEERS
CHICAGO, ILLINOIS

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