

EXPRESSWAY
MAINTENANCE
RETURN

EXPRESSWAY MAINTENANCE

RETURN THIS PLAN
TO MAINTENANCE
ROOM 706

DRAWER.

2B

F. A. I. ROUTE 1 SEC. 2527-108.1
CONGRESS ST. EXPRESSWAY
GRADING AND PAVING
NORTH FRONTAGE ROAD
PROJECT 1-01-4(70)
COOK COUNTY

PROJECT
END OF
STATION

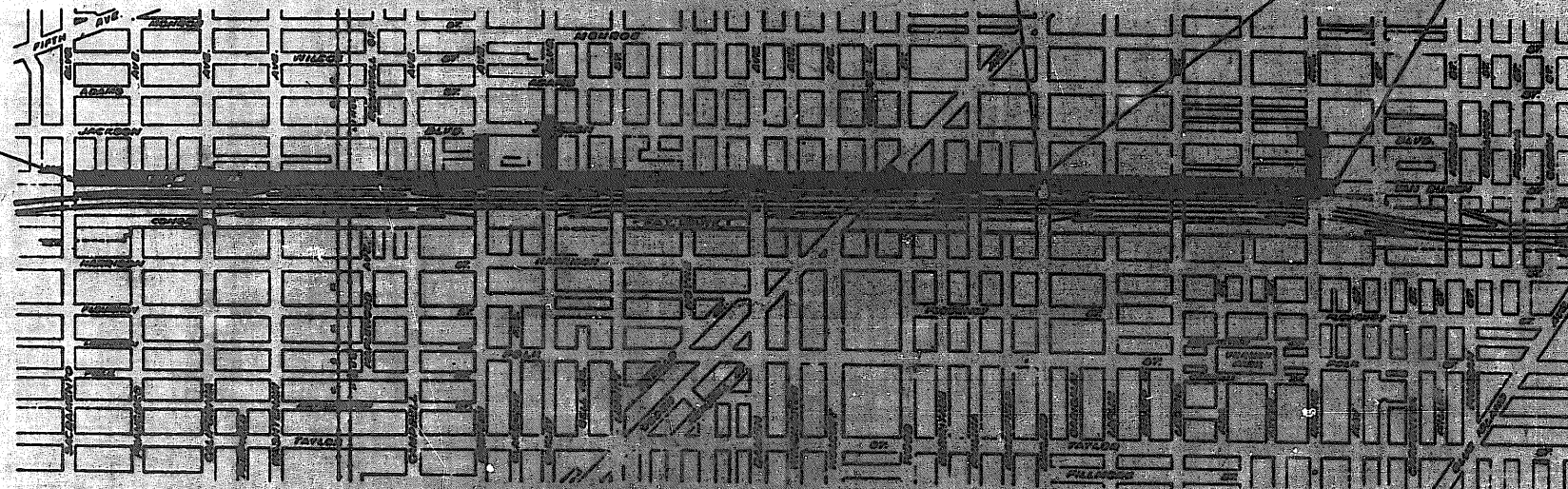
DESIGN - GEORGE
C. C. C. C. C.
S. C. C. C. C.

CONTRACT
C. C. C. C. C.
S. C. C. C. C.

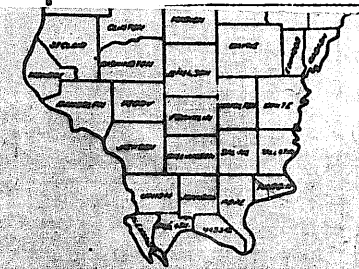
PROJECT I-O
END OF IMPROV
STATION 6+50

PROJECT I-01-4(70)
START OF IMPROVEMENT
STATION 6+20.03

NOTE.- SEE SHEET NO.3 FOR INDEX OF
SHEETS AND SUMMARY OF QUANTITIES.



LOCATION OF SECTION INDICATED THUS:-



GRAND LENGTH TO BE REMOVED = 12,502.00 FEET: 2.200 MILES
NET LENGTH TO BE REMOVED = 11,549.33 FEET: 2.207 MILES
LENGTH OF PROJECT 2-OF-3453 = 11,549.33 FEET: 2.207 MILES

DESCRIPTION OF PROJECT :
THE PROJECT CONSIST OF THE FOLLOWING WORK: RE PAVEMENT OF EXISTING C.T.A. TRUNK ON PORTION OF VAN HORN STREET;
THE REMOVAL OF EXISTING RAMP AT AHEADS END., BAYNE AVENUE AND VAN HORN ST., ALL EXISTING SIDEWALK AND
DRAINAGE FOR PAVING; THE CONSTRUCTION OF APPROACH SLAB OF F.L.G. CONCRETE, WIDENING TO 10' 0" TO 12' 0" IN 1/2"
DRAINAGE AND POURING CONCRETE FLEES FOR THE RAMP ALONG WITH RAMP AND APPROACH SLAB, THE FILLING OF THE
NORTH RAMP AND NORTH APPROACH TO THE RAMP; THE PAVING AND SIDEWALKS OF VAN HORN STREET, THE CONSTRUCTION
OF CONCRETE CONCRETE CURB AND GUTTERS OVER RAMP ROAD, CURB SIDE, FEDERAL ROAD, SIDEWALK, SIDEWALK
SHOULDER, SIDEWALK CURB AND DRAINAGE (WIDENING), THE REMOVAL AND RAMP AND RAMP SL. AND ALL OTHER NECESSARY
CONSTRUCTION NECESSARY TO COMPLETE THE IMPROVEMENT.

PREPARED BY: Robert E. Davis 8-6-2-59
EXPRESSWAY DESIGN ENGINEER
EXAMINED BY: Charles F. Wendle 07-57
DISTRICT CONSTRUCTION ENGINEER
EXAMINED BY: W. F. S. Hudson 07-58
EXPRESSWAY ENGINEER

ENTIRE SECTION INSPECTED AND
APPROVED AS TO POLICY

BY: [Signature]
DISTRICT ENGINEER

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

PRINTED: 6-27-52

EXAMINED July 23 1952

ORDERED July 23 1952

APPROVED July 23 1952

APPROVED July 23 1952

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS		
APPROVED		
	DATE	

SUMMARY OF QUANTITIES

F A I ROUTE NO	SEC.	EXPRESSWAYS	TOTAL SHEETS	SHEET NO
F.A. 1	1527- 108-1	CONGRESS	128	3
STA.		TO STA.		
FED ROAD DIST NO 7	ILLINOIS	FED. AID PROJECT		

[illegible]

NO.	ITEMS OF WORK	UNITS	QUANTITY
1	PAVEMENT FABRIC	SQ. YDS.	2,114
2	PORTLAND CEMENT CONC. BASE COURSE (9")	SQ. YDS.	39,064
3	PORTLAND CEMENT CONC. PAV'T (3")	SQ. YDS.	890
4	PORTLAND CEMENT CONC. SIDEWALK (5")	SQ. FT.	64,918
5	PORTLAND CEMENT CONC. PAV'T (10")	SQ. YDS.	1,177
6	CURBING	SQ. YDS.	1304
7	CLASS A CONCRETE	CU. YDS.	86.8
8	SPECIAL EXCAVATION	CU. YDS.	38,145
9	CONCR CONC. CURB & GUTTER, TYPE 3	LIN. FT.	19,421
10	CONC. CURB, TYPE 4	LIN. FT.	316
11	CONCR. CONC. CURB & GUTTER, TYPE 31	LIN. FT.	414
12	CONCR. CONC. CURB & GUTTER, TYPE 32	LIN. FT.	3,451
13	CONCR. CONC. CURB & GUTTER, TYPE 34	LIN. FT.	821
14	LONGITUDINAL CURB EXPANSION JOINTS	SQ. FT.	4,089
15	STEEL PLATE BEAM CURBED RAIL	LIN. FT.	312.5
16	PEDESTAL BARRIER, TYPE 1	LIN. FT.	10,733
17	BIT CONC. SURFACE COURSE, FINE DENSE GRADED AGGREGATE TYPE, SUBCLASS 2-11	TONS	4,711
18	BITUMINOUS CONC. BINDER COURSE	TONS	5,954
19	LEVELING BINDER (MACHINE METHOD)	TONS	1,160
20	BITUMINOUS MAT'L (PRIME COAT)	GALS.	9,700
21	REINFORCEMENT BARS	LBS.	123,582
22	PORTLAND CEMENT CONCRETE SIDEWALK REINFORCED (7")	SQ. FT.	1,763
23	PORTLAND CEMENT CONC. PAV'T (16'-10" & 16'-6")	SQ. YDS.	1,404
24	FERTILIZER NUTRIENTS	TONS	.2
25	SUB-BASE GRANULAR MAT'L, TYPE A	CU. YDS.	6,514
26	GRAVEL OR CRUSHED STONE BASE COURSE, TYPE A	TONS.	1,479
27	22" CATCH BASIN, TYPE A, WITH TYPE 1 FRAME & OPEN LID	EACH	1
28	CATCH BASIN TYPE A, WITH TYPE 1 FRAME, OPEN LID	EACH	89
29	INLET BOX & INLET BEW	EACH	34
30	TYPE 1 FRAME & OPEN LID	EACH	38
31	TYPE 1 FRAME & CLOSED LID	EACH	14
32	MAN HOLES TO BE RECONSTRUCTED	EACH	-
33	CATCH BASINS TO BE ADJUSTED	EACH	63
34	INLETS TO BE ADJUSTED	EACH	20
35	MANHOLES TO BE ADJUSTED	EACH	91
36	FILLING EXISTING CATCH BASINS	EACH	63
37	FILLING EXISTING MANHOLES	EACH	3
38	FILLING EXISTING INLETS	EACH	56
39	PAVEMENT REPLACEMENT (9" R.O.C.)	SQ. YDS.	61
40	METH. SIDEWALK	LIN. FT.	17
41	TRENCH BACKFILL	CU. YDS.	1,067
42	FINE GRADED SAND, S	LIN. FT.	3,254
43	CLASS A EXCAVATION FOR STRUCTURES	CU. YDS.	140

NO.	ITEMS OF WORK	UNITS	QUANTITY
44	AGGREGATE (PRIME COAT)	TONS	15.7
45	TREE REMOVAL, SPECIAL (6" TO 15" DIA.)	INDIA	88
46	PAVEMENT REMOVAL	SQ. YDS	101
47	LIGHTING UNIT COMPLETE IN PLACE - ALUMINUM POLE	EACH	2
48	4.4" FIBER CONDUIT- ENCASED	LIN. FT.	591
49	2.4" FIBER CONDUIT- ENCASED	LIN. FT.	690
50	1.4" FIBER CONDUIT- ENCASED	LIN. FT.	80
51	CAST IRON ELECTRICAL MANHOLE	EACH	8
52	ELECTRICAL MANHOLE, ST-105-E2	EACH	2
53	ELECTRICAL MANHOLE, ST-104-E2	EACH	2
54	FOUNDATIONS FOR LIGHT STANDARDS ST-79-E10	EACH	11
55	FOUNDATIONS FOR TRAFFIC SIGNAL & CONTROL BOX	EACH	7
56	TRAFFIC SIGNALS - ST-230-E2	EACH	1
57	STREET LIGHTING STANDARDS	EACH	3
58	TRAFFIC SIGNAL CONTROLLER	EACH	1
59	MOVING & RESETING EXISTING TRAFFIC SIGNALS	LUMP SUM	
60	REMOVAL OF EXISTING FACILITIES	LUMP SUM	
61	CAST IRON FRAME & COVER ST-138-E2	EACH	1
62	#6-1/2, 10000 VOLT, RI, L.C. CABLE	LIN. FT.	2145
63	#6-3/8, 5000 VOLT, RI, L.C. CABLE	LIN. FT.	1375
64	#12-3/8, 600 VOLT, RI, L.C. CABLE	LIN. FT.	300
65	#12-3/8, 600 VOLT, SOLID CABLE	LIN. FT.	685
66	#12-3/8, 600 VOLT SOLID CABLE	LIN. FT.	825
67	FILLING EXISTING ELECTRICAL MANHOLES	EACH	5
68	TRAFFIC SIGNAL	EACH	1
69	STORM SEWERS, TYPE 1, 8"	LIN. FT.	231
70	STORM SEWERS, TYPE 2, 8"	LIN. FT.	2062
71	LID REPLACEMENT	EACH	12
72	SUPPLEMENTAL WATERING	UNITS	57
73	18" Ø CONCRETE PILES DRILLED AND CAST IN PLACE	LIN. FT.	790
74	PILE LOADING TESTS	LUMP SUM	
75	BUILDING REMOVAL	LUMP SUM	
76	#6 A.W.S. 600 VOLT PARKWAY CABLE	LIN. FT.	501
77	TRENCH AND BACKFILL	LIN. FT.	101

REVISIONS	
NAME	DATE

ILLINOIS DIVISION OF HIGHWAYS
CONGRESS STREET EXPRESSWAY
NORTH FRONTAGE ROAD

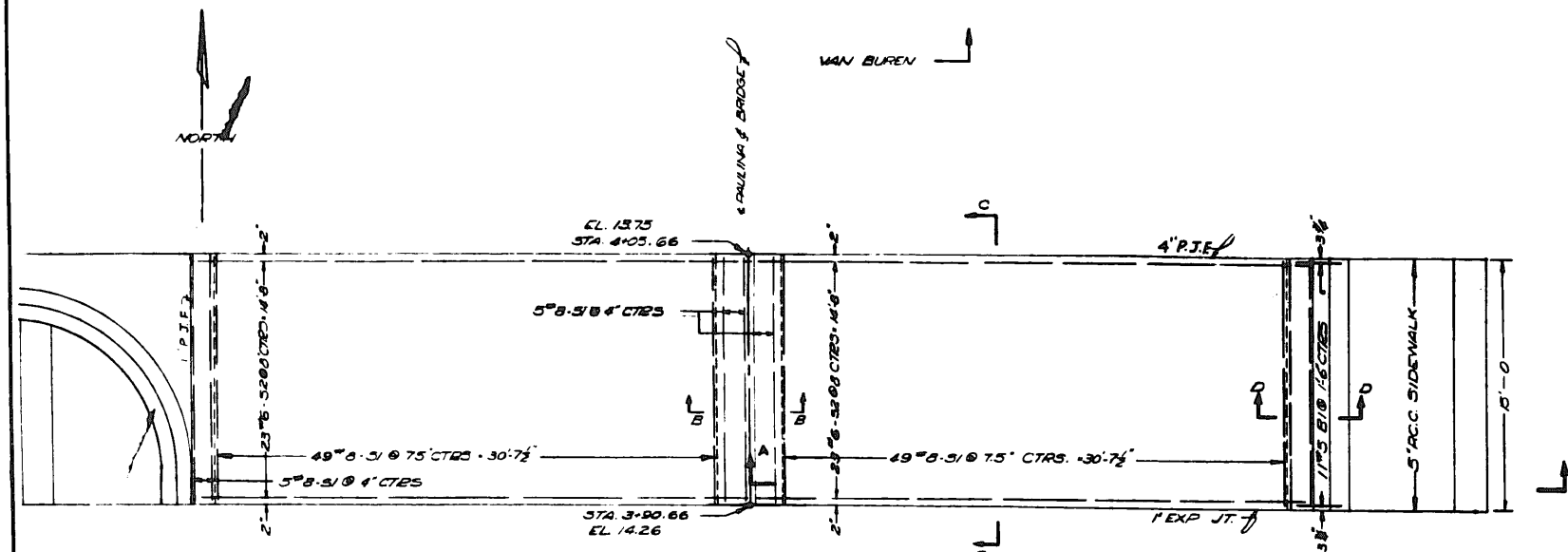
INDEX OF SHEETS, SUMMARY OF QUANTITIES

SCALE: HORIZ.	DRAWN BY
DATE: VERT.	CHECKED BY HCM.
JUNE 24 1958	

P.A.L. ROUTE NO.	SEC.	EXPRESSWAY	TOTAL SHEETS	SHEET NO.
F.A.1	2529- 100.1	CONGRESS	108	51
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

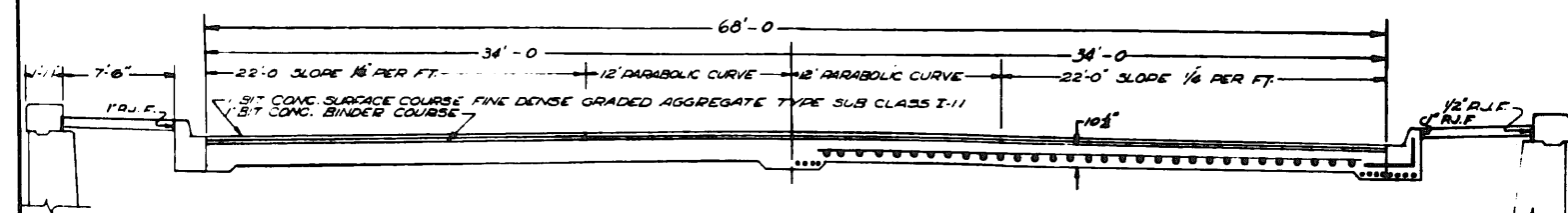
SUMMARY OF QUANTITIES		
ITEM	UNIT	QUANTITY
REINFORCEMENT BARS	LBS	2153
CLASS X CONCRETE	CU YDS	3.5
BITUMINOUS CONC. BINDER COURSE	TONS	6.3
BITUMINOUS CONC. SURFACE COURSE	TONS	6.3
BITUMINOUS MTL. (PRIME COAT)	QAL	6
RCC. PAVEMENT (165'-102'-165')	SQ. YD.	114
AGGREGATE (PRIME COAT)	TONS	0.2

BAR SCHEDULE				
BAR	NO.	SIZE	LENGTH	GRADE
3-1	126	8	77'-5"	C-5
3-2	46	6	33'-0"	
8-1	11	4	5'-9"	

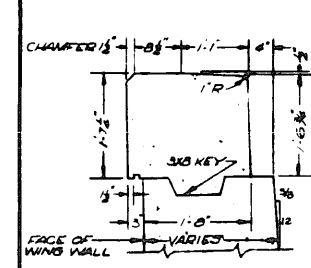


PAULINA AVENUE BRIDGE
NORTH APPROACH SLAB

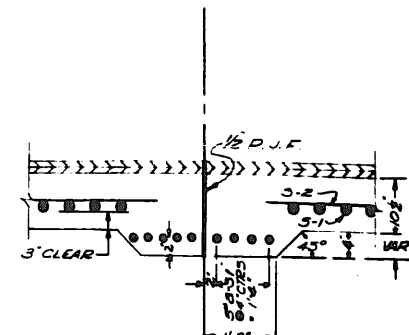
NOTE:
THE COST OF THE 4" 8" PREMOLDED JOINT FILLER AT THE ENDS OF THE APPROACH SLAB SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR R.C.C. PAVT. (165'-102'-165').
THE COST OF THE 1" 8" P.J.F. AT SIDEWALK EDGES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR R.C.C. SIDEWALK (5').



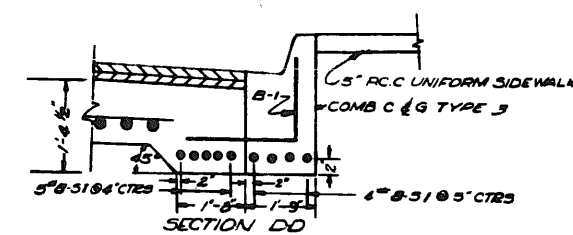
SECTION A-A



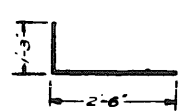
CAP DETAIL



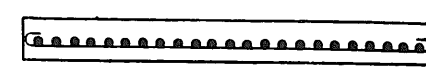
SECTION B-B



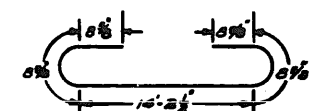
SECTION C-C



BAR B-1



SECTION C-C



BAR 5-1

REVISIONS	
NAME	DATE

ILLINOIS DIVISION OF HIGHWAYS
CONGRESS STREET EXPRESSWAY
PAULINA STREET BRIDGE
NORTH APPROACH SLAB

SCALE: HORIZ. 1"=40'
VERT. 1"=10'
DATE: MARCH 19, 1960
DRAWN BY: H.C.M.
CHECKED BY: C.K.N.