

EXPRESSWAY
MAINTENANCE RETURN

EXPRESSWAY MAINTENANCE

RETURN THIS PLAN
TO MAINTENANCE
ROOM 706

DRAWER.

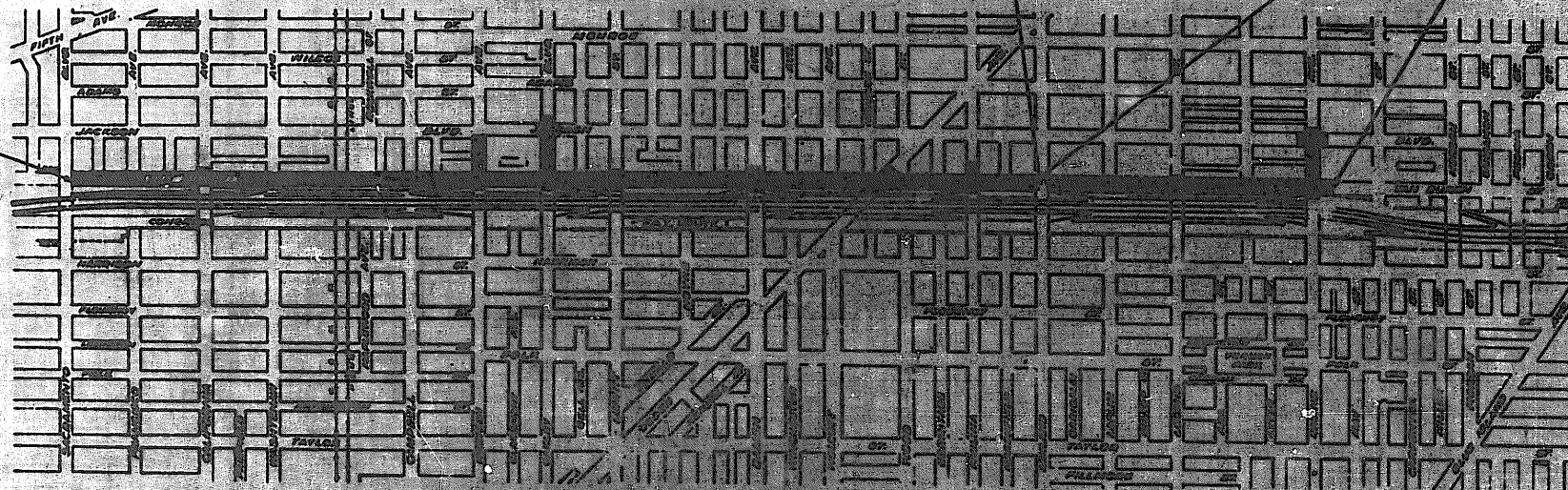
2B

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

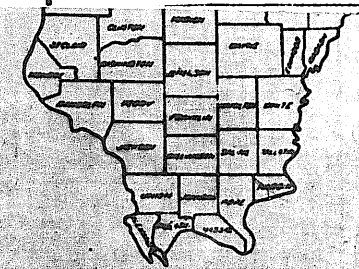
PROJECT I-O
END OF IMPROV
STATION 6+50

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:-



GRADE LENGTH TO BE REMOVED = 10,000.00	FEET= 0.000	MILES
NET LENGTH TO BE REMOVED = 11,540.35	FEET= 0.207	MILES
LENGTH OF PROJECT 2-01-3453 = 11,540.35	FEET= 0.207	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 AHEAD RAMP, SOUTH AVENUE AND VAN HORN ST., ALL EXISTING SIDEWALK AND
DRAINAGE FOR PAVING; THE CONSTRUCTION OF APPROACH SLAB OF F.R.C. CONCRETE, WIDENING OF VAN HORN ST. TO 12 FT.,
SHOULDER 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, SIDEWALK, SIDEWALK, SIDEWALK, SIDEWALK,
SHOULDER, SIDEWALK, SIDEWALK AND SIDEWALK, SIDEWALK, SIDEWALK, SIDEWALK, SIDEWALK, SIDEWALK, SIDEWALK,
CONSTRUCTION NECESSARY TO COMPLETION OF THE PROJECT.

PREPARED BY: Robert E. Davis 8-6-2-59
EXPRESSWAY DESIGN ENGINEER
EXAMINED BY: Charles F. Wendle 27-57
DISTRICT CONSTRUCTION ENGINEER
EXAMINED BY: W. F. S. Hudson 6-17-58
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	168	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	CURBS	SQ. YDS.	1,304
7	CLASS A CONCRETE	CY. YDS.	86.8
8	SPECIAL EXCAVATION	CY. YDS.	38,145
9	CONCR. CONC. CURB & GUTTER, TYPE 3	LIN. FT.	19,421
10	CONCR. 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.	2,451
13	CONCR. CONC. CURB & GUTTER, TYPE 34	LIN. FT.	821
14	LONGITUDINAL CURB EXPANSION JOINTS	SQ. FT.	4,089
15	STEEL PLATE BEAM CURB & 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	5,054
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")	SQ. YDS.	1,424
24	FERTILIZER NUTRIENTS	TONS	.2
25	SUB-BASE GRANULAR MAT'L, TYPE A	CY. 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	39
29	INLET BOX & INLET BEV'D	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" P.C.C.)	SQ. YDS.	61
40	METH. HANDRAIL	LIN. FT.	17
41	RETAIN BACKFILL	CY. YDS.	1,067
42	FIVE 12" DIA. 234 IN. S	LIN. FT.	32.54
43	CLASS A EXCAVATION FOR STRUCTURES	CY. YDS.	140

NO.	ITEMS OF WORK	UNITS	QUANTITY
44	AGGREGATE (PRIME COAT)	TONS	15.7
45	TREE REMOVAL, SPECIAL (6" TO 15" DIA.)	IN. DIA.	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	4
62	#6-1/2, 10,000 VOLT, RI, L.C. CABLE	LIN. FT.	214.5
63	#6-3/8, 5000 VOLT, RI, L.C. CABLE	LIN. FT.	1,375
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 SEWER TYPE 1, 8"	LIN. FT.	231
70	STORM SEWER 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.G. 600 VOLT PARKWAY CABLE	LIN. FT.	531
77	TRENCH AND BACKFILL	LIN. FT.	131

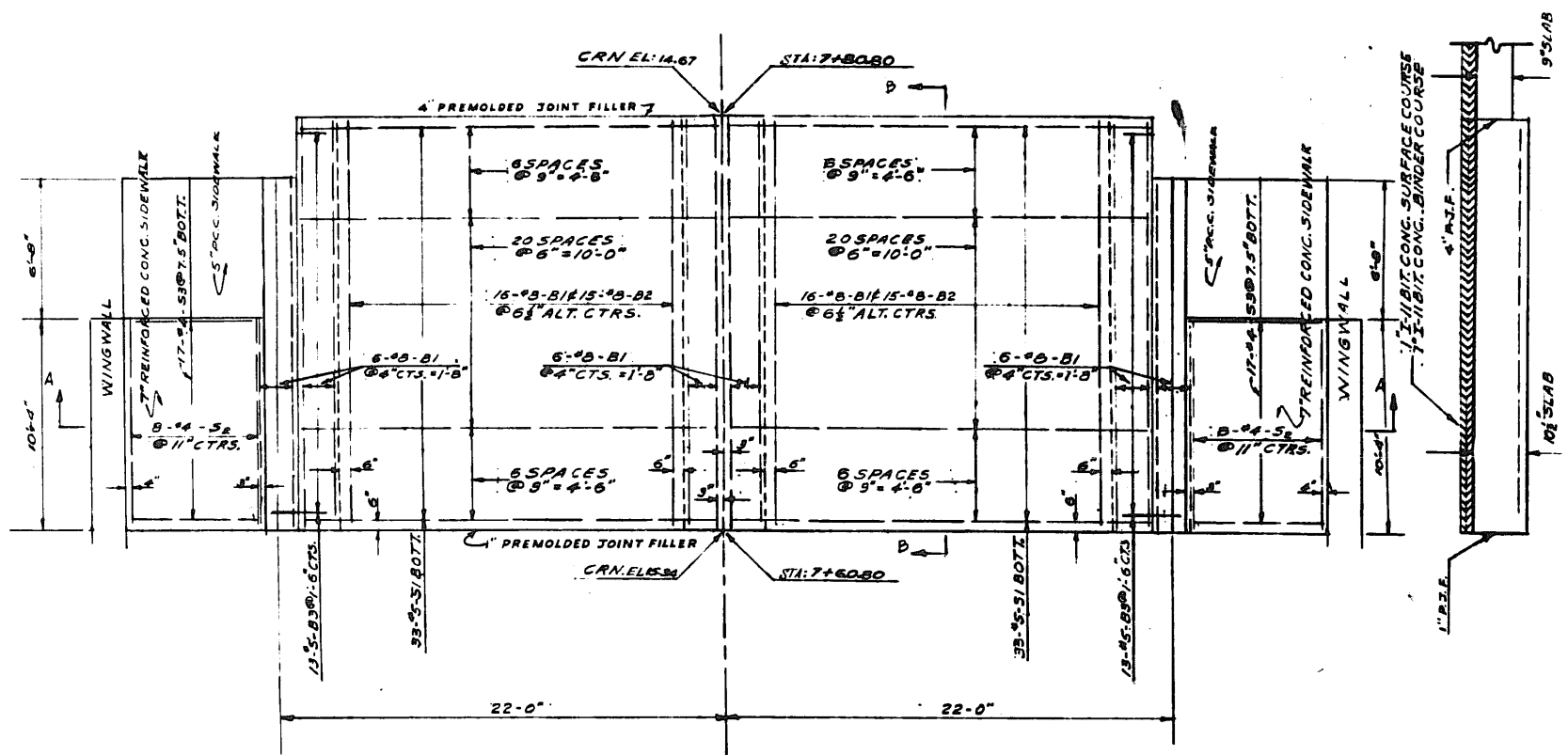
REVISIONS	
NAME	DATE

ILLINOIS DIVISION OF HIGHWAYS
CONGRESS STREET EXPRESSWAY
NORTH FRONTAGE ROAD

INDEX OF SHEETS, SUMMARY OF QUANTITIES

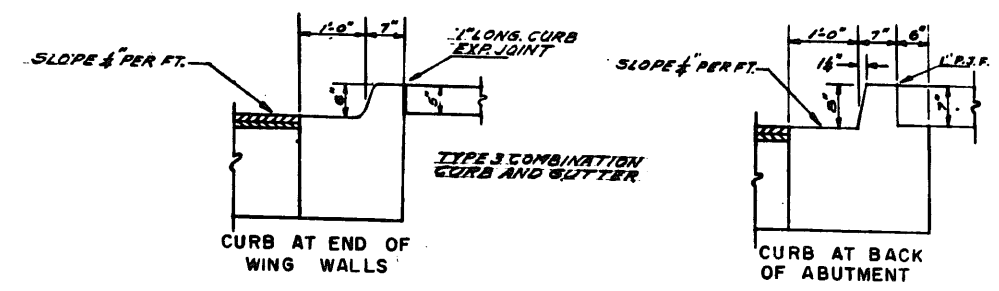
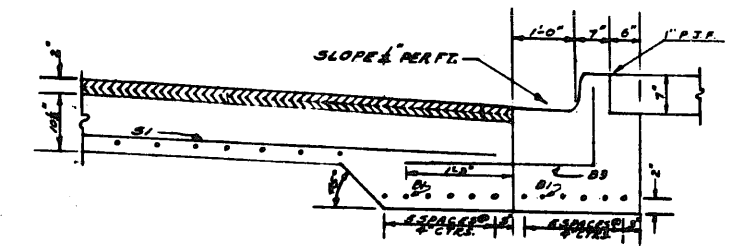
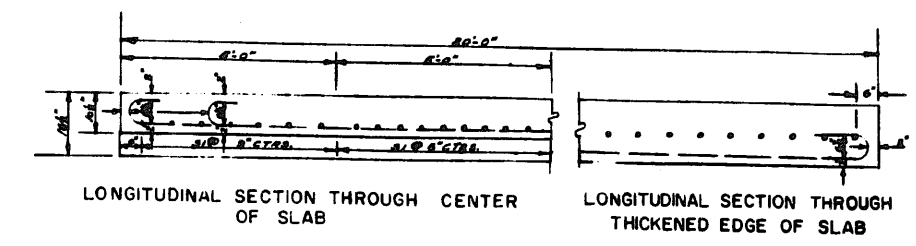
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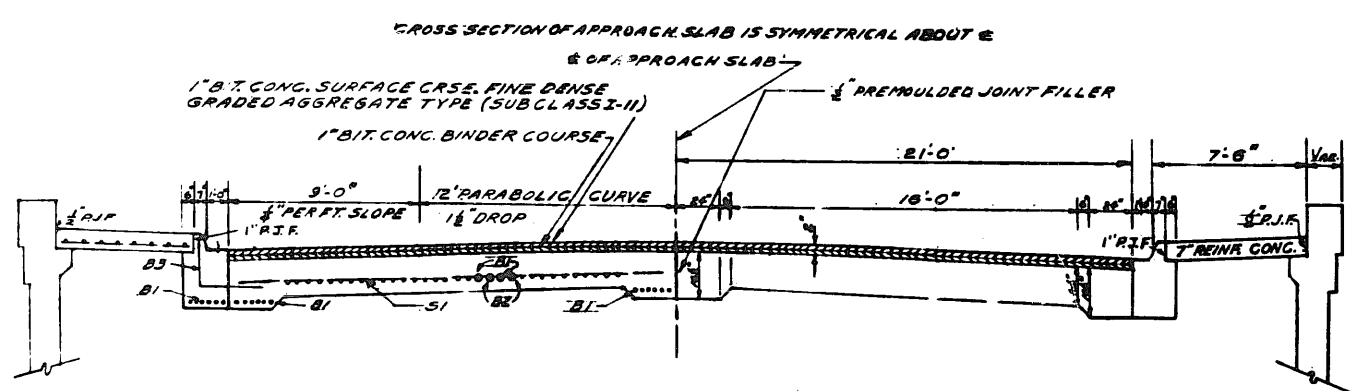


PLAN OF APPROACH SLABS
NORTH END OF LEAVITT STREET BRIDGE

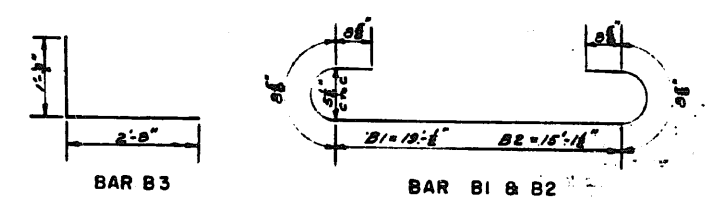
SECTION B-B



BAR SCHEDULE				
BAR NO	SIZE	LENGTH	SHAPE	
B1	56	22'-0"	U	
B2	30	10'-0"	U	
B3	26	3'-11"	L	
S1	65	20'-6"	—	
S2	16	10'-0"	—	
S3	34	6'-6"	—	
B4	12	19'-0"	U	



CROSS SECTION OF APPROACH SLABS
AT A-A



NOTE: REINFORCEMENT BARS IN APPROACH SLABS AND CURBS, INCLUDING DOWELS, WILL BE PAID FOR AS REINFORCEMENT BARS. THE APPROACH SLABS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR R.C.C. PAVEMENT (16'-108'-168'). THE CONCRETE IN THE CURB BEAMS WILL BE PAID FOR AT THE CONTRACT PRICE FOR CLASS X CONCRETE. THE COST OF THE 1'-0" PRECAST JOINT FILLER AT THE END OF THE APPROACH SLAB IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR R.C.C. PAVEMENT (16'-108'-168'). THE COST OF THE 1'-0" PRECAST JOINT FILLER AT SIDEWALK EDGES IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR R.C.C. SIDEWALK (7" REIN).

SUMMARY OF QUANTITIES		
ITEM	UNIT	QUANTITY
AGGREGATE (PRIME COAT)	TON	0.2
REINFORCEMENT BARS	LBS.	7114
CLASS X CONCRETE	CU. YDS.	5
R.C.C. PAVEMENT (16'-108'-168')	SQ. YDS.	93
R.C.C. SIDEWALK (7" REIN)	SQ. FT.	145
BIT. CONC. SURFACE COURSE	TONS	5
BIT. CONC. BINDER COURSE	TONS	5
BIT. CONC. PRIME COAT	TONS	5
5" R.C.C. SIDEWALK	SQ. FT.	94

DETAIL OF APPROACH SLABS
NORTH APPROACH
TO
LEAVITT ST. BRIDGE
CONGRESS ST. EXPRESSWAY