

EXPRESSWAY
MAINTENANCE RETURN

EXPRESSWAY MAINTENANCE

RETURN THIS PLAN
TO MAINTENANCE
ROOM 706

DRAWER.

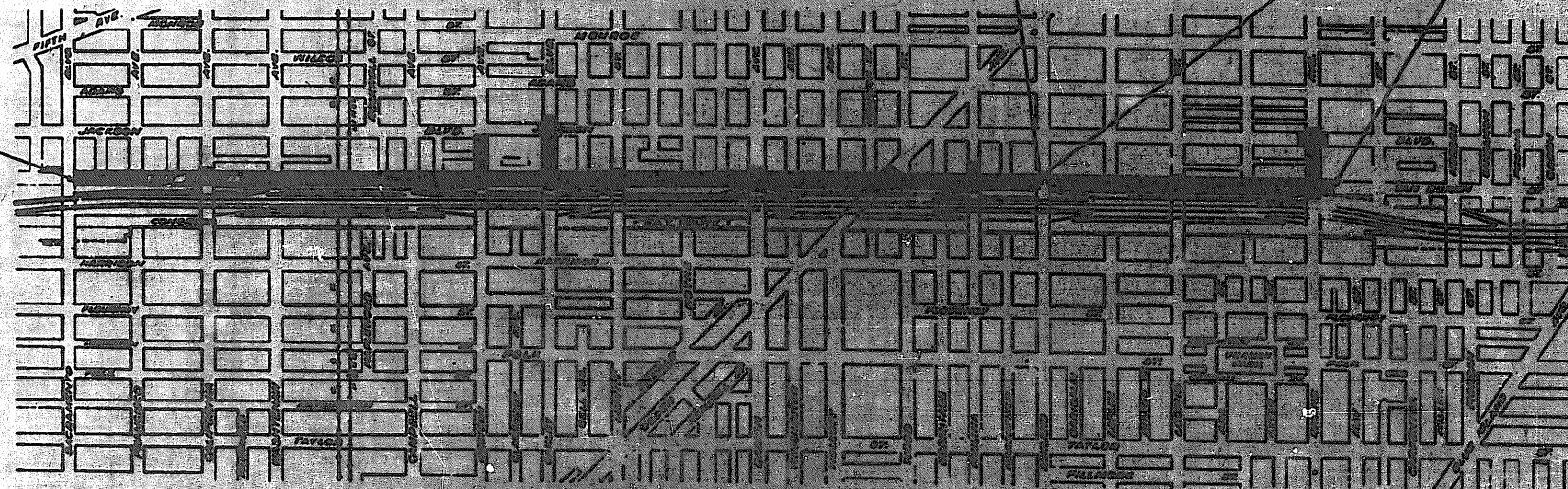
2B

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

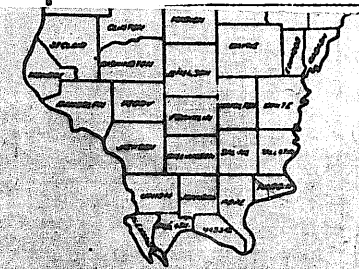
PROJECT I-O
END OF IMPROV
STATION 6+50

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		

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., BURNING BRIDGE AND REPAIRS AT., ALL EXISTING CURBSTONE AND
DRAINS FOR PAVING; THE CONSTRUCTION OF APPROACH SLAB OF F.G. CONCRETE, WIDENING TO 10' 0" TO 12' 0" IN 1/2"
DRAINS AND POURING CONCRETE FLEES FOR THE BRIDGE ALONG WITH WALL AND APPROACH SLAB, THE BRIDGE OF THE
NORTH RAMP AND NORTH APPROACH TO THE BRIDGE; THE PAVING AND CURBSTONE OF VAN HORN STREET, THE CONSTRUCTION
OF CONCRETE CURB AND GUTTERS OVER MAIN ROAD, CROSS WALK, FURNISHING CURB, SIDEWALK, BRIDGING
SHOULDER, STONE CURB AND DRAINS (WALKS), THE REPAIRS AND PAINTING OF BRIDGE 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	148	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	CU. YDS.	86.8
8	SPECIAL EXCAVATION	CU. 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	5,954
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")	SQ. YDS.	1,424
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	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	MAN HOLES TO BE ADJUSTED	EACH	91
36	FILLING EXISTING CATCH BASINS	EACH	63
37	FILLING EXISTING MAN HOLES	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	CU. YDS.	1,067
42	FIVE INCH DRAIN, S	LIN. FT.	32.54
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.)	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	1
62	#6-1/2, 10,000 VOLT, RI, L.C. CABLE	LIN. FT.	2,145
63	#6-3/8, 5,000 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.	355
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.S. 600 VOLT PARKWAY CABLE	LIN. FT.	531
77	TRENCH AND BACKFILL	LIN. FT.	131

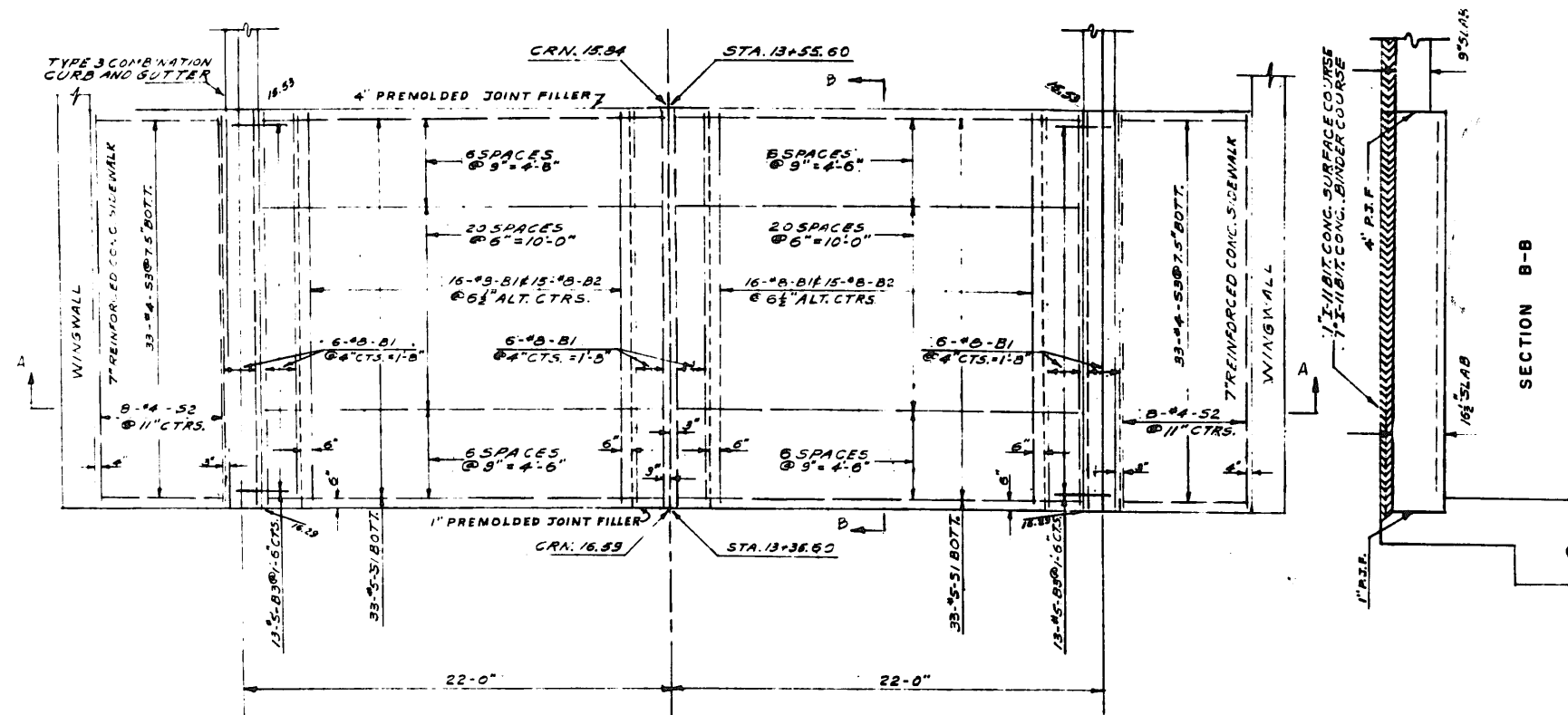
REVISIONS	
NAME	DATE

ILLINOIS DIVISION OF HIGHWAYS
CONGRESS STREET EXPRESSWAY
NORTH FRONTAGE ROAD

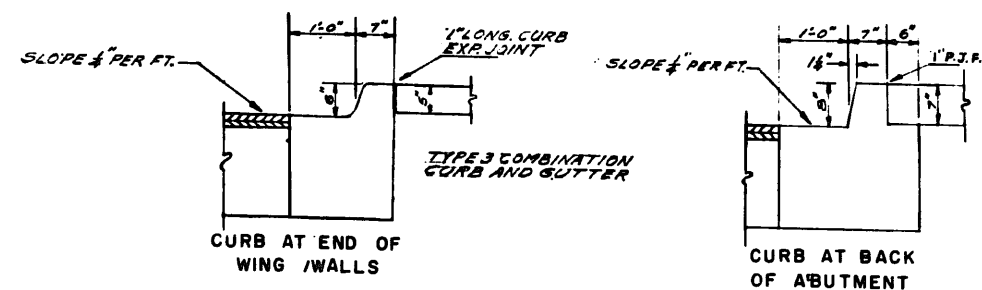
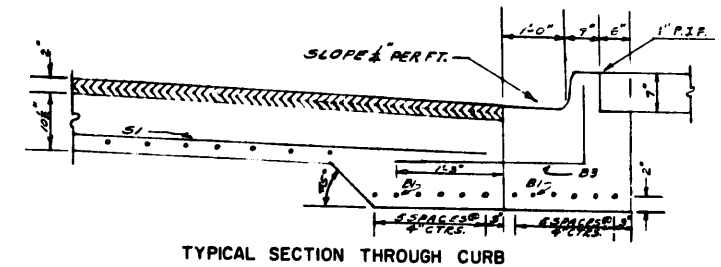
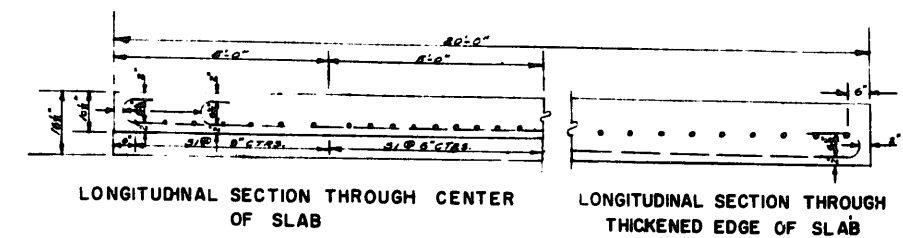
INDEX OF SHEETS, SUMMARY OF QUANTITIES

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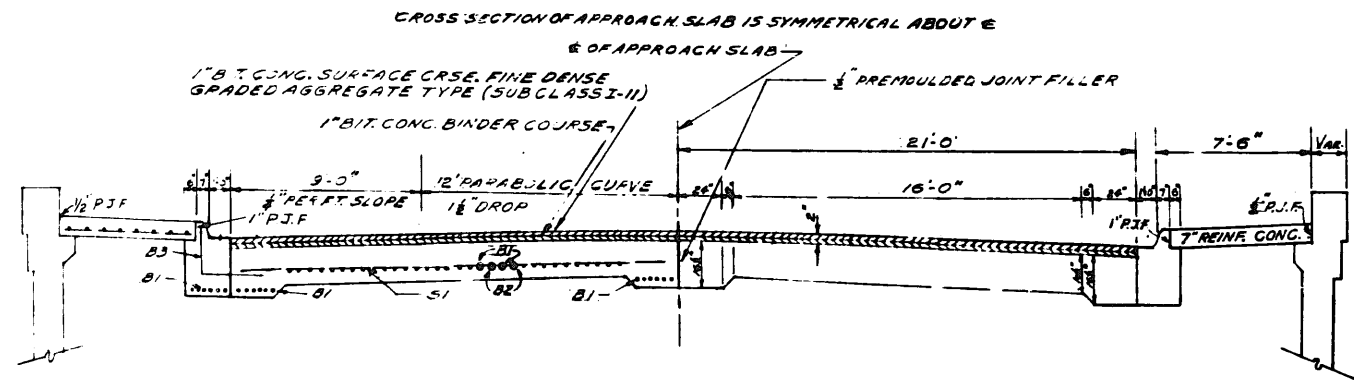
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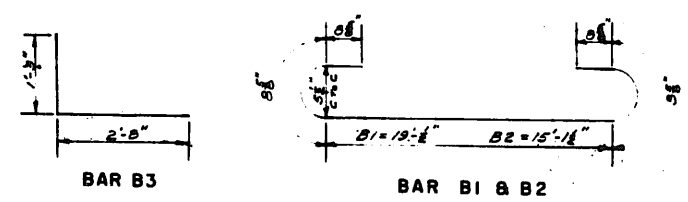
PLAN OF APPROACH SLABS
NORTH END OF LOOMIS STREET BRIDGE



BAR SCHEDULE				
BAR	NO	SIZE	LENGTH	SHAPE
B1	60	8	22'-0"	C
B2	30	8	18'-0"	C
B3	26	5	3'-11"	L
S1	60	5	20'-6"	—
S2	16	4	19'-0"	—
S3	60	4	6'-6"	—



CROSS SECTION OF APPROACH SLABS
AT A-A



NOTE:
REINFORCEMENT BARS IN APPROACH SLABS AND CURBS, INCLUDING DOVELS, WILL BE PAID FOR AS REINFORCEMENT BARS. THE APPROACH SLABS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR R.C.C. PAVEMENT (15'-10 1/2" - 16 1/2"). THE CONCRETE IN THE CURB BEAMS WILL BE PAID FOR AT THE CONTRACT PRICE FOR CLASS X CONCRETE. THE COST OF THE 4" P.I.F. PREFORMED JOINT FILLER AT THE ENDS OF THE APPROACH SLAB SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR R.C.C. PAVT. 16 1/2" - 10 1/2" - 16 1/2". THE COST OF THE 1" P.I.F. AT SIDEWALK EDGES SHALL 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.	7443
CLASS X CONCRETE	CU. YDS	5
R.C.C. PAVEMENT 16 1/2" x 10 1/2" x 16 1/2"	SQ. YDS.	93
R.C.C. SIDEWALK (7" REIN.)	SQ. FT.	280
1" BIT. CONC. SURFACE COURSE	TONS	5
1" BIT. CONC. BINDER COURSE	TONS	5
BIT. MATERIAL PRIME COAT	GALS.	5

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