F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	*	COOK	247	188
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
60A63	* (1919.15, 2021-922 PT1 & PT2) R-2			

INDEX OF SHEETS

SHEET NO.	
1	TITLE PAGE
2	GENERAL PLAN
3	EXCAVATION,FOUNDATION LAYOUT & DRAINAGE
4	LAYOUT AT S.W.& N.E APPROACHES
5	EAST & WEST ABUTMENTS
6	EAST WINGWALLS
7	WEST WINGWALLS
8	RETAINING WALLS
9	PIERS NO. 1 & 4
10	PIERS NO. 2 & 3
11	SUPERSTRUCTURE
12	SUPERSTRUCTURE SECTIONS & DETAILS
13	RAIL DETAILS
14	GENERAL LAYOUT
15	GENERAL DETAILS
16	APPROACH SLABS
17	STRUCTURAL TEST BORING LOGS
18	FIELD OFFICE AND LABORATORY
19	VEGETATION REMOVAL & PLUGGING EXISTING DRAINS & SEWERS
	ALL OF MATERIAL-PAVING
	STANDARD SYMBOLS
	LIGHTING DETAIL
	MODIFIED TYPE 4 MEDIAN
20	NAME PLATES
21-22	TYPICAL CROSS SECTIONS
23	STAGES OF CONSTRUCTION
24	PLAN AND PROFILE
25	ALIGNMENT TIES & TOPOGRAPHY WEST FRONTAGE ROAD 70TH ST. TO 69TH ST.
26-28	PAVEMENT DETAILS
29	PLAN & PROFILE OF PROPOSED EXCAVATION-GUARD FENCE LOCATION AT 69TH ST.
30	DETAIL OF TEMPORARY BY-PASS AT 69TH ST.
31	69TH STREET ALIGNMENT AND TIES
32-43	CROSS SECTIONS
44	STANDARD DESIGN FOR PAVEMENT FABRIC TYPE "A" AND TYPE "B" ALTERNATE DESIGN FOR LONGITUDINAL METAL JOINT DETAIL OF ALLEY RETURN P.C.C. DRIVEWAY PAVEMENT
45	STANDARD SECTION MARKER DETAIL OF CONSTRUCTION OF PARKWAYS DETAILS OF PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION
46	DETAILS OF CURB AND GUTTERS ABUTTING EXISTING PAVEMENT DETAILS OF CURB AND GUTTERS,TYPES 1,3,4,5,6,7 & 10
47	DETAILS OF STANDARD BARRICADE DETAILS OF WOODEN BARRICADE
48	WOOD GUARD FENCE CHAIN LINK FENCE TYPE III
49	EXISTING UTILITIES
50	PROPOSED DRAINAGE
51	MAIN DRAIN SEWER 69TH ST. TO 71ST ST.
52	TYPE A2 CATCH BASIN DETAIL OF TYPE A INLET TYPE A MANHOLE
53	CURB AND GUTTER,FRAME & GRATE TYPE 32 CURB AND GUTTER,FRAME & GRATE TYPE 31 CAST IRON GRATE TYPE 37
54	DETAILS OF CURB,CURB & GUTTER AND PAVEMENT CONSTRUCTION ADJACENT TO CASTINGS TYPE 5 FRAME TYPE 1 FRAME
55	DETAIL OF TYPE B MANHOLE 4'-0"X4'-6" SEMI ELLIPTICAL SEWER LATERAL SEWER CONNECTION
56	DETAIL OF LATERAL SEWER OPENING 4'-0"X 4'-6" SEMI ELLIPTICAL SEWER DETAIL OF 4'-0"X4'-6" SEMI ELLIPTICAL SEWER
57	TYPE A 36" MANHOLE FIELD JOINT

STATE OF ILLINOIS
COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SCALES: PLAN 1 INCH = 50 FT
PROFILE HOR. 1 INCH = 50 FT
PROFILE VERT 1 INCH = 5 FT
CROSS SECTIONS 1 INCH = 5 FT VERT
CROSS SECTIONS 1 INCH = 10 FT HOR

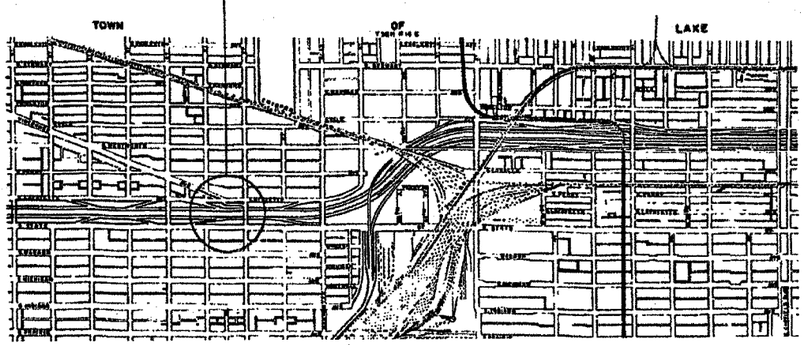
F.A. INTERSTATE ROUTE-90-PROJECT E BI-90-5(43)108
69TH STREET GRADE SEPARATION
OVER
SOUTH ROUTE EXPRESSWAY
SECTION 066-1919.5-C.F.

APPROVED
JUL 12 1960 19
Dept. of Public Works & Buildings
E. A. Rosenstone
Director

LENGTH OF STRUCTURE - 398.76 FT. (0.0509) MI.
LENGTH OF ROADWAY - 1025.03 FT. (0.1941) MI.
LENGTH OF CONTRACT - 1232.79 FT. (0.2450) MI.
LENGTH ALONG EXPRESSWAY - 0.00 FT. (0.00) MI.

SECTION 066-1919.5 C.F. INCLUDES THE CONSTRUCTION OF A PRECAST, PRESTRESSED CONCRETE BOX GIRDER BRIDGE, 5 SIMPLE SPANS AT 77'-6", 77'-6", 80'-0", 73'-6" & 37'-6" ON 69th STREET OVER SOUTH ROUTE EXPRESSWAY IN THE CITY OF CHICAGO, LAKE & HYDE PARK TOWNSHIPS AT STATION 306+04.17 ON SOUTH ROUTE EXPRESSWAY, A POINT APPROXIMATELY 229'-1" WEST OF THE INTERSECTION OF STATE STREET AND 69th STREET.

PLANS APPROVED
BY STATE DIVISION OF HIGHWAYS



SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM
2,796	CU.YDS.	CLASS "D" CONCRETE
151,500	LBS.	REINFORCEMENT BARS
2		
4		
28		
67		
905		
808		
848		
1,210		
2		
1,464		
1,536		
6,604		
4		
152		
840		
2		
78		
2,879		
9,179		
27		
7,873		
100		
9,159		
23		
1,057		
483		
740		
813		
45		
1,209		
28		
647		
1,467		
83,571		
175		
0.2		
2		
181		
88	SQ.DIA.	TREE REMOVAL, SPECIAL (OVER 15 IN. DIA.)
969	SQ.YDS.	SODDING
0.3	ACRES	COMPLETE SEEDING
11	UNITS	SUPPLEMENTAL WATERING
171	CU. YDS.	TOPSOIL
226	TONS	CRUSHED STONE BASE COURSE, TYPE B
0.05	TONS	FERTILIZER NUTRIENTS
100	SQ. YDS.	PAVEMENT FABRIC
894	LIN.FT.	WOODEN BARRICADE
8	EACH	MANHOLES, TYPE A, 4 FT. DIAM. WITH TYPE 1 FRAME, CLOSED LID
4	EACH	MANHOLES, TYPE A, 4 FT. DIAM. WITH TYPE 5 FRAME, CLOSED LID
15	EACH	CATCH BASINS, TYPE A-2, 4 FT. DIAM. WITH TYPE 5 FRAME, OPEN LID
5	EACH	CATCH BASINS, TYPE A-2, 4 FT. DIAM. WITH TYPE 31 FRAME AND GRATE
4	EACH	CATCH BASINS, TYPE A-2, 4 FT. DIAM. WITH TYPE 32 FRAME AND GRATE
2	EACH	CATCH BASINS, TYPE A-2, 4 FT. DIAM. WITH TYPE 37 FRAME AND GRATE
7	EACH	INLETS, TYPE A, WITH TYPE 5 FRAME, OPEN GRATE
3	EACH	FILLING EXISTING M.H.
18	EACH	FILLING EXISTING C.B.
11	EACH	FILLING EXISTING INLETS
1	EACH	MANHOLES TO BE ADJUSTED
20	EACH	PLUGGING EXISTING DRAINS & SEWERS (12" OR LESS)
3	EACH	PLUGGING EXISTING DRAINS & SEWERS (OVER 12")
11	EACH	FRAMES AND GRATE TO BE ADJUSTED
1	EACH	INLETS TO BE ADJUSTED
2,752	CU.YDS.	TRENCH BACKFILL
581	SQ.YDS.	PAVEMENT REPLACEMENT - ENTIRE
181	LIN.FT.	STORM SEWER, TYPE 1 (A.S.T.M.C.700-57T) 8 INCH
617	LIN.FT.	STORM SEWER, TYPE 2 (A.S.T.M.C.700-57T) 8 INCH
120	LIN.FT.	STORM SEWER, TYPE 3 (R.C.P. CLASS III) 10 INCH
130	LIN.FT.	STORM SEWER, TYPE 1 (A.S.T.M.C.700-57T) 12 INCH
183	LIN.FT.	STORM SEWER, TYPE 2 (R.C.P. CLASS III) 12 INCH
50	LIN.FT.	STORM SEWER, TYPE 2 (A.S.T.M.C.700-57T) 15 INCH
97	LIN.FT.	STORM SEWER, TYPE 3 (A.S.T.M.C.700-57T) 15 INCH
97	LIN.FT.	STORM SEWER, TYPE 2 (R.C.P. CLASS III) 15 INCH
705	LIN.FT.	STORM SEWER, TYPE 3 (A.S.T.M.C.700-57T) 18 INCH
543	LIN.FT.	STORM SEWER, TYPE 4 (A.S.T.M.C.700-57T) 18 INCH
18	LIN.FT.	STORM SEWER, TYPE 2 (R.C.P. CLASS III) 21 INCH
327	LIN.FT.	CAST IRON PIPE (A.S.S. CLASS 150) 6 INCH
1,315	LIN.FT.	STORM SEWER 4'-0" X 6'-6" SEMI-ELLIPTICAL
5	EACH	MANHOLES, TYPE-B WITH TYPE 1 FRAME, CLOSED LID
2	EACH	LATERAL SEWER CONNECTION
12	LIN.FT.	ONE (1) 4 INCH FIBRE CONDUIT ENCASED
375	LIN.FT.	FOUR (4) 3½ INCH ASBESTOS CEMENT CONDUITS ENCASED
615	LIN.FT.	TWO (2) 3½ INCH ASBESTOS CEMENT CONDUITS ENCASED
1,300	LIN.FT.	3½ INCH ASBESTOS CEMENT CONDUIT IN SIDEWALK SLAB
580	LIN.FT.	2 INCH GALVANIZED STEEL CONDUIT IN STRUCTURE
895	LIN.FT.	2 INCH GALVANIZED STEEL CONDUIT - DIRECT BURIED
660	LIN.FT.	3½ INCH GALVANIZED STEEL CONDUIT - DIRECT BURIED
8	EACH	CAST IRON JUNCTION BOX - 9"x 9"x 6"
2	EACH	FOUNDATION FOR ANCHOR BASE LIGHT STANDARD
9	EACH	FOUNDATION FOR LIGHT STANDARD WITH BALLAST HOUSING BASE
1	EACH	FOUNDATION FOR CONTROLLER CABINET

RETURN THIS PLAN
TO MAINTENANCE
ROOM 706
DRAWER 9

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS
APPROVED ..... March 16 1960
APPROVED ..... March 17 1960
APPROVED ..... March 12 1960

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS
APPROVED ..... CHIEF ENGINEER DATE
APPROVED ..... DIRECTOR DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED ..... DIVISION ENGINEER DATE

Sheet EXRW1 of 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63RD STREET TO GARFIELD BLVD (SB LOCAL LANES)
EXISTING PLANS
69TH STREET SOUTHWEST RETAINING WALL
COOK COUNTY

SCALE: None DRAWN BY: MRK
DATE: June 9, 2006 CHECKED BY: JS

CTE | AECOM

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6/27/2006