PROJECT NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-70	87-1ESP-5	ST. CLAIR	79	36

FED. ROAD DIST. NO. 4	ILLINOIS	FISCAL YEAR

BAR LIST

Mark	No. Req.	Size	Length	Shape
D401	72	#9	4-7	
D402	715		29-4	
D403	185		29-6	
D404	285		1-1	
D405	4		3-7	
D406	40		12-2	
D407	20		30-0	
D408	20		30-5	
D409	245	#4	2-2	
D601	78	#6	99-0	
D602	8	#6	7-0	
D501	4	#5	4-6	
D502	14		6-3	
D503 Thru D516	112		30 to 30-9 1-9 Incr.	
D517	6		32-6	
D518	6		34-3	
D519	6		36-0	
D520	8		37-3	
D521	6		39-6	
D522	220		40-4	
D523	6		31-6	
D524	5		33-3	
D525	149		5-7	
D526	243		8-11	
D527	10		41-9	
D528	222		38-2	
D529	555		6-0	
D530	111		33-4	
D531	110	#5	42-2	

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Class 'X' Concrete	C.Y.	2841
Reinforcement Bars	LBS.	57,960
Structural Steel	LBS.	389,350

ELEVATIONS TOP OF BEAMS AT ℄ BRG.

Stringer	S. Abut.	Pier	N. Abut.
1	422.95	423.45	422.56
2	422.99	423.54	422.68
3	423.02	423.62	422.80
4	423.05	423.69	422.93
5	423.08	423.76	423.05
6	423.10	423.84	423.16
7	423.07	423.84	423.28
8	422.95	423.76	423.12
9	422.82	423.60	423.14
10	422.70	423.60	423.10
11	422.66	423.55	423.09
12	422.49	423.50	423.07

Light Standard

D602 bars spaced between D528 & D531 bars, or between D529 bars as shown.

2" ℄ Conduit

SECTION E-E

Construction Level Surface

4 1/4" Anchor Bolts x 1-9 long

Outside face of deck

2" ℄ Conduit

Top of concrete level

PLAN

LIGHT STANDARD DETAIL

DECK PLAN

HALF CROSS SECTION OF DECK (Looking South)

HALF CROSS SECTION OF DECK OVER PIER (Looking South)

SIDEWALK DETAIL

MEDIAN STRIP DETAIL

SECTION A-A

DRIP NOTCH DETAIL (Not To Scale)

D530

D531

METHOD OF DETERMINING FILLET HEIGHTS.

After all Structural Steel has been erected, elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflection for these points, determined from the D.L deflection diagram shown on sheet No. 11. The elevations so attained subtracted from the theoretical grade elevations, minus slab thickness, equal the fillet heights above top of beam.

NOTE:- For handrail spacing and details see Sh. No. 13. for expansion details see Sh. No. 14.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
&
CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY

EXCHANGE AVE. OVER EXPRESSWAY (SN 9)
SLAB

H.W. LOCHNER, INC.
ENGINEERS
DATE JANUARY 1968 CHICAGO, ILLINOIS SHEET NO. 12

Designed by: B.T.
Drawn by: E.S.
Checked by: RMC

FOR INFORMATION ONLY