

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	429
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

HIGH MAST LIGHT TOWER IDENTIFICATION	TOWER LOCATION		TOP OF FDN. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	FOUNDATIONS INSTALLED IN CONTRACT	TOWERS INSTALLED IN CONTRACT	REMARKS	CONCRETE CURB, TYPE B
	STATION	OFFSET							
6 PKL1	1292+09.97	LT 132.42'				62594	62594	WALL MOUNTED	
6 PKL2	1296+74.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 PKL3	1301+54.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 PKL4	1306+34.27	LT 124.79'				62594	62594	WALL MOUNTED	
6 POP3	2297+18.70	RT 123.95'				62594	62594	WALL MOUNTED	
6 POP4	2301+98.70	RT 123.95'				62594	62594	WALL MOUNTED	
6 PGH1	2306+48.22	RT 126.99'				62594	62594	WALL MOUNTED	
6 PCD1	1311+20.00	LT 91.00'	-6.25			62594	62583	GROUND MOUNTED WITH RETAINING WALL	
5 PCD4	1315+10.01	LT 111.83'				62695	62583	WALL MOUNTED	
5 RAB3	1319+91.53	LT 122.14'				62695	62583	WALL MOUNTED	
6 PGH2	2311+20.20	RT 103.61'				62594	62583	WALL MOUNTED	
5 PGH2	2315+19.00	RT 99.90'				62694	62583	WALL MOUNTED	
5 REF2	2320+21.30	RT 129.90'				62694	62583	WALL MOUNTED	
5 RAB2	1324+11.13	LT 140.39'				62695	62583	WALL MOUNTED	
5 RAB1	1328+85.31	LT 164.02'				62695	62583	WALL MOUNTED	
5 RIJ4	1333+40.00	LT 116.08'	-		30'	62695	62583	GROUND MOUNTED	YES
5 REF1	2324+40.50	RT 154.40'				62694	62583	WALL MOUNTED	
5 RMN5	2328+34.00	RT 174.00'				62694	62583	WALL MOUNTED	
5 RMN4	2333+58.11	RT 107.52'	-			62694	62583	GROUND MOUNTED	YES
5 RIJ3	1337+90.00	LT 100.50'	-5.04	-25.04	20'	62583	62583	GROUND MOUNTED	
6 RIJ2	1342+15.00	LT 109.70'	-0.20	-20.20	20'	62583	62583	GROUND MOUNTED	
6 RIJ1	1346+40.00	LT 118.20'	2.91	-18.09	21'	62583	62583	GROUND MOUNTED	
5 RMN3	2338+10.00	RT 99.00'	-2.99	-22.99	20'	62583	62583	GROUND MOUNTED	
6 RMN2	2342+34.70	RT 104.00'	-0.61	-21.61	21'	62583	62583	GROUND MOUNTED	
6 RMN1	2346+60.00	RT 149.30'	3.82	-17.18	21'	62583	62583	GROUND MOUNTED WITH RETAINING WALL	
6 RKL1	1350+64.40	LT 154.60'	1.47	-18.53	20'	62583	62583	GROUND MOUNTED	YES
6 RKL2	1354+90.00	LT 145.80'	6.88	-14.12	21'	62583	62583	GROUND MOUNTED	
6 RKL3	1359+40.40	LT 156.10'	5.33	-15.67	21'	62583	62583	GROUND MOUNTED	
6 ROP1	2350+98.70	RT 154.50'				62694	62583	WALL MOUNTED	
6 ROP2	2354+93.70	RT 154.50'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 ROP3	2359+39.70	RT 117.40'	4.83	-15.17	20'	62583	62583	GROUND MOUNTED	
6 RCD1	1363+38.00	LT 111.50'	-1.88	-20.88	19'	62583	62583	GROUND MOUNTED	
6 RGH1	2363+59.70	RT 112.20'	-1.24	-21.24	20'	62583	62583	GROUND MOUNTED	

- NOTES:**
- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS.
 - CONTRACTOR TO VERIFY SOIL CONDITIONS AT THE TIME OF FOUNDATION EXCAVATION AGAINST THE "SOIL CONDITIONS" TABLE ON STANDARD DETAIL BE501 AND MODIFY THE DESIGN DEPTH "D" AND BOTTOM ELEVATION AS NECESSARY.
 - SEE STRUCTURAL SHEETS UNDER CONTRACT 62594, 62694 AND 62695 FOR WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.

ES-03

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

HIGH MAST TOWER FOUNDATION
 SCHEDULE - SOUTH SECTION
 SHEET 2

SCALE: NONE DRAWN BY: VG
 DATE: CHECKED BY: TM

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