

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	907	428
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 OMN4	2210+40.00	RT 84.00'	1.72	-20.28	22'	62583	62583	GROUND MOUNTED	YES
6 OMN3	2216+89.80	RT 124.90'				62694	62583	WALL MOUNTED IN EXISTING RETAINING WALL	
6 OIJ4	1210+23.00	LT 84.00'	2.50	-18.50	21'	62583	62583	GROUND MOUNTED	YES
6 OIJ3	1216+86.31	LT 132.13'				62695	62583	WALL MOUNTED	
6 OIJ2	1221+75.11	LT 132.18'				62695	62583	WALL MOUNTED	
6 OIJ1	1226+66.25	LT 100.24'	3.69		30'	62695	62583	GROUND MOUNTED	YES
6 OMN2	2221+99.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OMN1	2226+79.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OKL1	1231+80.70	LT 96.40'	2.02	-20.98	23'	62583	62583	GROUND MOUNTED	YES
6 OKL2	1236+00.00	LT 97.70'	-2.46	-24.46	22'	62583	62583	GROUND MOUNTED	
6 OKL3	1240+99.00	LT 110.80'	5.66	-13.34	19'	62583	62583	GROUND MOUNTED	
6 OOP1	2231+89.30	RT 114.60'				62694	62583	WALL MOUNTED	
6 OOP2	2236+18.00	RT 95.80'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OOP3	2241+17.80	RT 116.90'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OKL4	1246+01.06	LT 127.96'				62695	62583	GROUND MOUNTED IN KNEE WALL	
6 OCD1	1250+99.93	LT 127.96'				62695	62583	WALL MOUNTED	
6 OOP4	2246+35.80	RT 123.40'				62694	62583	WALL MOUNTED	
6 OGH1	2251+20.00	RT 106.20'				62694	62583	GROUND MOUNTED IN KNEE WALL	
6 OCD2	1255+99.67	LT 99.84'	-7.27		30'	62695	62583	GROUND MOUNTED	YES
6 PAB4	1260+65.70	LT 101.00'	2.33	-17.67	20'	62583	62583	GROUND MOUNTED	YES
5 PAB3	1265+14.80	LT 100.20'	1.92	-23.08	25'	62583	62583	GROUND MOUNTED	YES
6 OGH2	2256+36.50	RT 104.50'				62694	62583	WALL MOUNTED IN EXISTING RETAINING WALL	
5 OGH3	2260+92.90	RT 111.70'				62694	62583	WALL MOUNTED	
5 PEF5	2265+34.70	RT 125.80'				62694	62583	GROUND MOUNTED IN KNEE WALL	
5 PAB2	1269+51.88	LT 133.04'				62695	62583	GROUND MOUNTED IN KNEE WALL	
5 PAB1	1274+15.90	LT 104.10'	8.49	-16.51	25'	62583	62583	GROUND MOUNTED	
5 PIJ3	1278+64.70	LT 99.90'	3.51	-15.49	19'	62583	62583	GROUND MOUNTED	
5 PEF4	2269+84.66	RT 124.19'				62694	62583	GROUND MOUNTED IN KNEE WALL	
5 PEF3	2274+34.10	RT 100.70'	5.07	-17.93	23'	62583	62583	GROUND MOUNTED	
5 PEF2	2278+85.30	RT 102.00'	3.48	-15.52	19'	62583	62583	GROUND MOUNTED	
5 PEF1	2283+34.00	RT 100.70'	-5.29	-24.29	19'	62583	62583	GROUND MOUNTED	YES
6 POP1	2287+40.00	RT 100.00'	-3.64			62594	62583	GROUND MOUNTED WITH RETAINING WALL	
6 POP2	2292+38.70	RT 123.95'				62594	62594	WALL MOUNTED	
5 PIJ2	1283+15.50	LT 100.10'	-0.47	-19.47	19'	62583	62583	GROUND MOUNTED	YES
6 PIJ1	1287+20.00	LT 81.00'	-6.43			62594	62583	GROUND MOUNTED	YES

- 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-02

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
DATE: _____

DRAWN BY: VG
CHECKED BY: TM

TYLIN INTERNATIONAL

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