F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	976	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

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 132.4				62594	62594	WALL MOUNTED	
6 PKL2	1296+74.0	LT 125.0				62594	62594	WALL MOUNTED	
6 PKL3	1301+54.0	LT 125.0				62594	62594	WALL MOUNTED	
6 PKL4	1306+34.27	LT 124.8				62594	62594	WALL MOUNTED	
6 POP3	2297+18.0	RT 124.0				62594	62594	WALL MOUNTED	
6 POP4	2301+98.0	RT 124.0				62594	62594	WALL MOUNTED	
6 POP5	2306+49.0	RT 124.0				62594	62594	WALL MOUNTED	
6 PCD1	1311+20.0	LT 91.0				62594	62583	GROUND MOUNTED WITH RETAINING WALL	
5 PCD2	1315+23.0	LT 99.2				62695	62583	GROUND MOUNTED	
5 RAB3	1319+80.0	LT 126.6				62695	62583	WALL MOUNTED	
6 PGH1	2311+20.0	RT 104.0				62594	62583	WALL MOUNTED	
5 PGH2	2315+39.0	RT 96.7				62594	62583	WALL MOUNTED	
5 REF2	2319+95.0	RT 130.2				62594	62583	WALL MOUNTED	
5 RAB2	1324+30.0	LT 146.8				62695	62583	WALL MOUNTED	
5 RAB1	1328+85.0	LT 166.3				62695	62583	WALL MOUNTED	
5 RIJ4	1333+40.0	LT 116.0				62695	62583	GROUND MOUNTED	
5 REF1	2324+50.0	RT 159.3				62594	62583	WALL MOUNTED	
5 RMN5	2329+05.0	RT 178.5				62594	62583	WALL MOUNTED	
5 RMN4	2333+58.0	RT 107.5				62594	62583	GROUND MOUNTED	
5 RIJ3	1337+90.0	LT 100.5	-5.04	-25.04	20'	62583	62583	GROUND MOUNTED	
6 RIJ2	1342+15.0	LT 109.7	-0.20	-20.20	20'	62583	62583	GROUND MOUNTED	
6 RIJ1	1346+40.0	LT 118.2	2.91	-18.09	21'	62583	62583	GROUND MOUNTED	
5 RMN3	2338+10.0	RT 99.0	-2.99	-22.99	20'	62583	62583	GROUND MOUNTED	
6 RMN2	2342+34.7	RT 104.0	-0.61	-21.61	21'	62583	62583	GROUND MOUNTED	
6 RMN1	2346+60.0	RT 149.3	3.82	-17.18	21'	62583	62583	GROUND MOUNTED WITH RETAINING WALL (SEE NOTE 4)	
6 RKL1	1350+64.4	LT 154.6	1.47	-18.53	20'	62583	62583	GROUND MOUNTED	YES
6 RKL2	1354+90.0	LT 145.8	6.88	-14.12	21'	62583	62583	GROUND MOUNTED	
6 RKL3	1359+40.4	LT 156.1	5.33	-15.67	21'	62583	62583	GROUND MOUNTED	
6 ROP1	2350+98.7	RT 154.5				62694	62583	WALL MOUNTED	
6 ROP2	2354+93.7	RT 154.5				62694	62583	GROUND MOUNTED WITH RETAINING WALL	
6 ROP3	2359+39.7	RT 117.4	4.83	-15.17	20'	62583	62583	GROUND MOUNTED	
6 RCD1	1363+38.0	LT 111.5	-1.88	-20.88	19'	62583	62583	GROUND MOUNTED	
6 RGH1	2363+59.7	RT 112.2	-1.24	-21.24	20'	62583	62583	GROUND MOUNTED	

NOTES:

1. SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS.
2. 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.
3. SEE STRUCTURAL SHEETS UNDER CONTRACT 62594, 62694 AND 62695 FOR WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.
4. HIGH MAST LIGHT TOWER SERVICE PAD PAID FOR AS LIGHT TOWER SERVICE PAD, SPECIAL.

ES-03

SINGH
SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS
300 W. ADAMS ST.
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TEL: (312) 629-0240
FAX: (312) 629-8449

REVISIONS	
NAME	DATE
REVISED	01/21/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET TO I-57

HIGH MAST TOWER FOUNDATION
SCHEDULE - SOUTH SECTION
SHEET 3

SCALE: NONE DRAWN BY: VG
DATE: OCTOBER 29, 2004 CHECKED BY: TM

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