F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	398
STA. 2200+00.00	TO STA. 2362+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-8

62694

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 AIJ2	118+20.00	LT 76.00'	7.16	-14.84	22'	62583	62583	GROUND MOUNTED	YES
6 AIJ1	122+78.00	LT 75.30'	4.40	-14.60	19'	62583	62583	GROUND MOUNTED	
6 ACD1	127+38.00	LT 75.80'	7.49	-11.51	19'	62583	62583	GROUND MOUNTED	
6 AMN2	219+89.00	RT 53.40'	3.58	-15.42	19'	62583	62583	GROUND MOUNTED	YES
6 AMN1	225+01.00	RT 63.70'	8.37	-14.63	23'	62583	62583	GROUND MOUNTED	YES
6 AGH1	230+00.00	RT 74.70'	11.88	-11.12	23'	62583	62583	GROUND MOUNTED	
6 ACD2	132+00.00	LT 76.00'	6.87	-12.13	19'	62583	62583	GROUND MOUNTED	
6 ACD3	136+63.00	LT 77.10'	7.72	-10.28	18'	62583	62583	GROUND MOUNTED	
6 ACD4	141+13.30	LT 110.07'				62695	62583	MOUNTED IN KNEE WALL	
6 AGH2	235+02.00	RT 40.20'	7.43	-12.57	20'	62583	62583	GROUND MOUNTED	
6 AGH3	334+81.40	RT 48.50'	4.13	-17.87	22'	62583	62583	GROUND MOUNTED	YES
6 AGH4	244+51.00	RT 40.80'	14.92	-6.08	21'	62583	62583	GROUND MOUNTED	
5 MMN5	415+50.00	RT 63.60'	7.57	-12.43	20'	62583	62583	GROUND MOUNTED	
6 MMN4	420+53.00	LT 66.50'	4.96	-14.04	19'	62583	62583	GROUND MOUNTED	
5 MAB1	2031+84.70	RT 97.10'	4.13	-14.87	19'	62583	62583	GROUND MOUNTED	
6 MAB2	2036+88.40	RT 80.40'	10.87	-12.13	23'	62583	62583	GROUND MOUNTED	
6 MIJ3	2027+35.00	RT 76.00'	-1.56	-20.56	19'	62583	62583	GROUND MOUNTED	YES
5 AGH5	330+51.20	RT 39.00'	-6.30	-26.30	20'	62583	62583	GROUND MOUNTED	
6 MMN3	424+23.00	RT 59.60'	6.22	-16.78	23'	62583	62583	GROUND MOUNTED	
6 MIJ2	2022+92.30	RT 64.30'	-1.43	-19.43	18'	62583	62583	GROUND MOUNTED	
6 MIJ1	2018+51.80	RT 64.40'	3.06	-14.94	18'	62583	62583	GROUND MOUNTED	
6 MCD1	2013+46.60	RT 64.20'	8.13	-11.87	20'	62583	62583	GROUND MOUNTED	
6 MMN2	1147+05.00	LT 57.50'	5.95	-15.05	21'	62583	62583	GROUND MOUNTED	
6 MMN1	1142+55.00	LT 50.70'	6.18	-12.82	19'	62583	62583	GROUND MOUNTED	
6 MKL1	1137+57.00	LT 52.80'	9.21	-9.79	19'	62583	62583	GROUND MOUNTED	
5 MKL2	1132+90.00	LT 52.00'	8.83	-10.17	19'	62583	62583	GROUND MOUNTED	
5 MKL3	1128+20.00	LT 52.00'	8.11	-10.89	19'	62583	62583	GROUND MOUNTED	
5 MCD2	2008+53.00	RT 64.00'	8.97	-10.03	19'	62583	62583	GROUND MOUNTED	
5 MCD3	2003+83.00	RT 64.00'	7.79	-11.21	19'	62583	62583	GROUND MOUNTED	
6 ACD5	145+81.00	LT 104.73'				62695	62583	MOUNTED IN KNEE WALL	
5 OAB2	150+31.50	LT 75.30'	3.15	-15.85	19'	62583	62583	GROUND MOUNTED	
6 OAB1	155+70.00	LT 60.00'	0.66	-19.34	20'	62583	62583	GROUND MOUNTED	YES
6 MAB3	250+01.00	RT 39.90'	16.71	-11.29	28'	62583	62583	GROUND MOUNTED	
6 OEF2	254+56.00	RT 67.70'	14.05	-8.95	23'	62583	62583	GROUND MOUNTED	
6 OEF1	2205+20.00	RT 84.00'	2.29	-17.71	20'	62583	62583	GROUND MOUNTED	YES

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.

ES-01

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE
REVISED	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

HIGH MAST TOWER FOUNDATION SCHEDULE - SOUTH SECTION SHEET 1

SCALE: NONE | DRAWN BY: VG

DATE: | CHECKED BY: TM

04/29/2015 02:16:15 PM