

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-0311	COOK	976	71
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	TEMPORARY HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER LOCATION		TOP OF FDN. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	FOUNDATION INSTALLED IN CONTRACT	TOWER INSTALLED IN CONTRACT	REMARKS
		STATION	OFFSET						
7 UCD1		3530+20	LT 76	6.95	-11.05	18	62583	62583	GROUND MOUNTED
7 UGH1		4530+50	RT 82	19.13	1.13	18	62301	62583	MOUNTED ON WALL N-47N-F
8 UCD2		3534+30	LT 74	13.45	-8.55	22	62303	62583	MOUNTED ON WALL S-47N-R
8 UGH2		4534+60	RT 63	18.71	0.17	18	62301	62583	MOUNTED ON WALL N-47N-F
7 VIJ3		3538+35	LT 86	19.88	-4.12	24	62303	62583	MOUNTED ON WALL S-47N-F
7 UGH3		4538+70	RT 97	14.96	-20.04	35	62583	62583	GROUND MOUNTED
7 VIJ2		3542+35	LT 93	11.40	-13.60	25	62583	62583	GROUND MOUNTED
7 VMN3		4542+80	RT 88	14.05	-9.95	24	62583	62583	GROUND MOUNTED
7 VIJ1		3546+45	LT 88	10.69	-13.31	24	62583	62583	GROUND MOUNTED
7 VMN2		4546+85	RT 88	11.22	-9.78	21	62583	62583	GROUND MOUNTED
7 VAB4		3550+55	LT 107	9.41	-25.59	35	62583	62583	GROUND MOUNTED
7 VMN1		4550+95	RT 107.5	10.10	-13.90	24	62583	62583	GROUND MOUNTED
7 VAB3		3554+65	LT 88	4.62	-17.38	22	62583	62583	GROUND MOUNTED
7 VEF3		4555+05	RT 88	1.90	-22.10	24	62583	62583	GROUND MOUNTED
7 VAB2		3558+75	LT 87	8.12	-26.88	35	62583	62583	GROUND MOUNTED
7 VEF2		4559+15	RT 77	5.98	-29.02	35	62583	62583	GROUND MOUNTED
7 VAB1		3562+80	LT 112	6.00	-18.00	24	62583	62583	GROUND MOUNTED
7 VEF1		4563+20	RT 101	5.75	-24.25	30	62583	62583	GROUND MOUNTED
7 VCD1		3566+85	LT 88	0.24	-17.76	18	62583	62583	GROUND MOUNTED
7 VGH1		4567+25	RT 88	1.38	-16.62	18	62583	62583	GROUND MOUNTED
7 VCD2		3570+90	LT 88	4.71	-13.29	18	62583	62583	GROUND MOUNTED
7 VGH2		4571+30	RT 88	0.75	-17.25	18	62583	62583	GROUND MOUNTED
7 VCD3		3575+20	LT 101	6.89	-17.11	24	62583	62583	GROUND MOUNTED
7 VGH3		4575+60	RT 103	3.30	-20.70	24	62583	62583	GROUND MOUNTED
7 VCD4		3579+50	LT 76	2.72	-15.28	18	62583	62583	GROUND MOUNTED
7 VGH4		4579+90	RT 78	1.13	-16.87	18	62583	62583	GROUND MOUNTED
7 WAB6	7 WIJ3	1583+95	LT 144	3.25	-14.75	18	62585	62733	GROUND MOUNTED
7 WEF6	7 WMN3	2584+20	RT 146	2.05	-32.95	35	62584	62733	GROUND MOUNTED
7 WAB5	7 WIJ2	1587+90	LT 153	10.09	-24.91	35	62585	62733	GROUND MOUNTED
7 WEF5	7 WMN2	2588+20	RT 173	10.54	-11.46	22	62584	62733	GROUND MOUNTED
7 WAB4	7 WIJ1	1591+95	LT 160	11.97	-23.03	35	62585	62733	GROUND MOUNTED
7 WEF4	7 WMN1	2592+20	RT 144	13.80	-10.20	24	62584	62733	GROUND MOUNTED
7 WAB3		1595+95	LT 144	14.73	-20.27	35	62585	62733	GROUND MOUNTED

NOTES:

- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR FOUNDATION DETAILS. HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE REPLACES THE SOIL CONDITIONS TABLE ON STANDARD BE501.
- WHEN ROCK IS ENCOUNTERED, THE ENGINEER SHALL EXAMINE IF THE MATERIAL QUALIFIES AS ROCK EXCAVATION IN ACCORDANCE WITH SECTION 502 OF THE STANDARD SPECIFICATIONS. THIS EXCAVATION SHALL BE PAID AT UNIT PRICE PER CUBIC YARD FOR "ROCK EXCAVATION FOR STRUCTURES".

ES-07



KAM ENGINEERING, INC.
CONSULTING ENGINEERS
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Elgin, Illinois 60123-1369

REVISIONS	
NAME	DATE
REVISED	1/21/05

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

**HIGH MAST TOWER FOUNDATION
SCHEDULE - TOP SECTION
SHEET 1**

SCALE: NONE
DATE: OCTOBER 29, 2004
DRAWN BY: BL
CHECKED BY: SM

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