

F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94 2003-0311	COOK	976	68
STA.	TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER LOCATION		TOP OF FON. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	FOUNDATION INSTALLED IN CONTRACT	TOWER INSTALLED IN CONTRACT	REMARKS
	STATION	OFFSET (NOTE 5)						
7 RCD2	1367+30	LT 111	-1.00	-22.00	21.71	62733	62733	GROUND MOUNTED
7 RGH5	2367+50	RT 112	-3.50	-22.50	19.71	62733	62733	GROUND MOUNTED
7 RCD3	1371+55	LT 115	0.00	-15.50	16.21	62590	62733	GROUND MOUNTED
7 RGH6	2371+75	RT 99	-6.25	-18.25	12.71	62590	62733	GROUND MOUNTED
7 RIAB5	1375+70	LT 138	1.85	-17.25	19.81	62590	62733	GROUND MOUNTED
7 RIEF5	2375+90	RT 152	-0.50	-19.00	19.21	62590	62733	GROUND MOUNTED
7 RIAB3	1380+05	LT 134	6.50	-12.50	19.72	62590	62733	GROUND MOUNTED
7 RIEF3	2380+25	RT 117	-0.50	-19.50	19.71	62590	62733	GROUND MOUNTED
7 RIAB2	1384+30	LT 152	5.00	-9.00	14.71	62590	62733	GROUND MOUNTED
7 RIEF2	2384+99	RT 131				62590	62733	EXISTING WALL
7 RIAB1	1388+65	LT 140	8.00	-10.50	19.21	62590	62733	GROUND MOUNTED
7 RIEF1	2388+85	RT 130	17.50	-8.00	26.21	62590	62733	GROUND MOUNTED
7 RICD1	1393+61	LT 136				62587	62733	MOUNTED ON WALL SN 016-W927
7 RIGH1	2393+06	RT 131				62590	62733	MOUNTED ON WALL SN 016-W930
7 RICD2	1397+12	LT 74	6.86	-15.50	23.07	62589	62733	GROUND MOUNTED
7 RIGH2	2397+00	RT 181	6.25	-13.00	19.96	62589	62733	GROUND MOUNTED
7 RICD3	1401+30	LT 100	12.70	-7.00	20.41	62589	62733	GROUND MOUNTED
7 RIGH3	6056+42	RT 41	40.00	17.00	23.71	62733	62733	GROUND MOUNTED
7 SAB4	1405+70	LT 195	17.80	-1.00	19.51	62589	62733	GROUND MOUNTED
7 RIGH4	2402+05	RT 73	7.25	-11.00	18.96	62589	62733	GROUND MOUNTED
7 SAB3	1409+95	LT 146	23.00	-4.00	27.71	62587	62733	GROUND MOUNTED
7 SEF4	2405+23	RT 189	20.85	0.00	21.56	62733	62733	GROUND MOUNTED
7 SAB2	1414+22	LT 122				62587	62733	MOUNTED ON WALL SN 016-W929
7 SEF3	2409+25	RT 151	23.15	0.00	23.86	62733	62733	GROUND MOUNTED
7 SAB1	1418+80	LT 146	7.40	-12.50	20.61	62589	62733	GROUND MOUNTED
7 SEF2	2414+25	RT 155	4.45	-13.50	18.66	62733	62733	GROUND MOUNTED
7 SCD1	1423+70.44	LT 124.53	13.38	-10.00	24.09	62693	62583	GROUND MOUNTED
7 SEF1	2419+35	RT 141	5.00	-14.00	19.71	62589	62733	GROUND MOUNTED
7 SCD2	1427+55.43	LT 170.87				62693	62583	MOUNTED ON FLUTED KNEE WALL
7 SGH1	2423+63.69	RT 134.64	9.12	-10.00	19.83	62693	62583	GROUND MOUNTED
7 SCD3	1431+55.44	LT 150.63	3.36	-12.00	16.07	62693	62583	GROUND MOUNTED
7 SGH2	2427+63.50	RT 127.84	5.23	-11.00	16.94	62693	62583	GROUND MOUNTED
7 SCD4	1435+55.44	LT 137.68	5.17	-17.00	22.88	62693	62583	GROUND MOUNTED
7 SGH3	2431+88.64	RT 154.72	3.70	-12.00	16.41	62693	62583	GROUND MOUNTED
7 TAB3	1439+47.68	LT 156.35				62693	62583	MOUNTED ON WALL SN 016-W903

62583

NOTES:

- SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR GROUND MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS. HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE REPLACES THE SOIL CONDITIONS TABLE ON STANDARD BE501.
- REFER TO THE STRUCTURAL DRAWINGS OF THE INDIVIDUAL CONTRACTS LISTED IN THE SCHEDULE FOR RETAINING WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.
- SEE DRAWING ME-03 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
- SEE DRAWINGS ME-13, ME-13A, AND ME-13B FOR GROUND MOUNTED HIGH MAST LIGHT TOWER CONDUIT INSTALLATION, SERVICE PAD, AND RETAINING WALL DETAILS.
- OFFSET SHOWN IS TO CENTERLINE OF DRILLED SHAFT.

ES-04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 31st STREET TO I-57
 HIGH MAST TOWER FOUNDATION
 SCHEDULE - CENTER SECTION
 SHEET 1
 SCALE: NONE
 DATE: October 29, 2004
 DRAWN BY: HAR
 CHECKED BY: WDS



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