F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	171
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62693

HIGH MAST LIGHT TOWER FOUNDATION SCHEDULE (NOTE 1)

HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER LOCATION		TOP OF FDN. ELEV.	BOTTOM ELEVATION	DESIGN DEPTH (D)	INSTALLED IN CONTRACT	REMARKS
	STATION	OFFSET (NOTE 5)					
7 SCD1	509+15.00	RT 23.12	13.38	-10.00	24.09	62693	GROUND MOUNTED
7 SCD2	513+00.00	RT 6.69				62693	MOUNTED ON FLUTED KNEE WALL
7 SGH1	105+50.00	LT 50.00	9.12	-10.00	19.83	62693	GROUND MOUNTED
7 SCD3	517+00.00	RT 25.00	3.36	-12.00	16.07	62693	GROUND MOUNTED
7 SGH2	109+50.00	LT 56.00	5.23	-11.00	16.94	62693	GROUND MOUNTED
7 SCD4	521+00.00	RT 28.43	5.17	-17.00	22.88	62693	GROUND MOUNTED
7 SGH3	113+75.00	LT 27.00	3.70	-12.00	16.41	62693	GROUND MOUNTED
7 TAB3	524+92.69	RT 6.71				62693	MOUNTED ON WALL SN 016-W903
7 SGH4	117+75.00	LT 35.00	1.81	-11.00	13.52	62693	GROUND MOUNTED
7 TAB2	529+51.34	RT 20.84				62693	MOUNTED ON WALL SN 016-W964
7 TEF3	121+77.50	LT 8.71				62693	MOUNTED ON WALL SN 016-W886
7 TAB1	533+50.00	RT 28.45	2.84	-13.00	16.55	62693	GROUND MOUNTED
7 TEF2	125+77.50	LT 5.19				62693	MOUNTED ON WALL SN 016-W886
7 TEF1	129+84.56	LT 12.51				62693	MOUNTED ON WALL SN 016-W887,W965

NOTES:

1. SEE IDOT HIGH MAST LIGHT TOWER FOUNDATION STANDARD DETAIL BE501 FOR GROUND MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS. HIGH MAST LIGHT TOWER FOUNDATION SHEDULE REPLACES THE SOIL CONDITIONS TABLE ON STANDARD BE501.
2. SEE STRUCTURAL DRAWINGS FOR RETAINING WALL AND FLUTED KNEE WALL MOUNTED HIGH MAST LIGHT TOWER FOUNDATION DETAILS.
3. SEE DRAWING EI-104 FOR CONDUIT INSTALLATION DETAILS FOR LIGHT TOWER FOUNDATIONS MOUNTED ON RETAINING WALLS.
4. SEE DRAWINGS EI-105, EI-105A, AND EI-105B FOR GROUND MOUNTED HIGH MAST LIGHT TOWER CONDUIT INSTALLATION, SERVICE PAD, AND RETAINING WALL DETAILS.
5. OFFSET SHOWN IS TO CENTERLINE OF DRILLED SHAFT.

ES-01

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO ILLINOIS 60601-5212, PHONE: (312) 938-0300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS)

HIGH MAST TOWER FOUNDATION SCHEDULE - SHEET 1

SCALE: NONE | DRAWN BY: HAR
DATE: October 29, 2004 | CHECKED BY: WDS

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