


N:\PROJECTS\0003384\006_High_Mast_Design\Structural\CAD\0003384_06_03_Foundation_Tables.dgn

High Mast Tower ID	Drilled Shaft Schedule											Rod and Reinforcing Schedule						Conduit Schedule				Service Pad Type	Tower Height	Remarks		
	High Mast Tower Location			Top of Foundation Elevation	Bottom of Foundation Elevation	Drilled Shaft Length	Drilled Shaft In Soil	Drilled Shaft Diameter	Drilled Shaft in Rock	Rock Socket Diameter	Estimated Top of Rock Elevation	Rock Excavation for Structures	Anchor Rod Diameter	Anchor Rod Circle Diameter (Min)	Number and Size of Vertical Bar	Length of Vertical Bar	Spiral Diameter	*Length of Spiral	Number of 4 Inch Conduit Stubs							
	Roadway	Station	Offset																North	East	South				West	
AB2	I-80	640+00	100 RT	652.4	634.9	17'-6"	17'-6"	4'-6"	-	-	-	-	1 3/4"	3'-0"	18 - #11	16'-8"	#4	16'-8"	2	1		1	A	120		
EF2	I-80	643+50	100 LT	651.4	636.4	15'-0"	15'-0"	4'-6"	-	-	618.3	-	1 3/4"	3'-0"	18 - #11	14'-2"	#4	14'-2"		2	2	1		A	120	
AB1	I-80	647+25	115 RT	651.5	629.0	22'-6"	17'-5"	4'-6"	5'-1"	4'-0"	634.1	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	21'-8"	#4	21'-8"	2	1		1		A	120	
EF1	I-80	650+50	110 LT	649.1	631.1	18'-0"	10'-7"	4'-6"	7'-5"	4'-0"	638.5	4.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	17'-2"	#4	17'-2"		1	2	1		A	120	
CD4	I-80	654+00	115 RT	648.2	628.2	20'-0"	13'-8"	4'-6"	6'-4"	4'-0"	634.5	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	19'-2"	#4	19'-2"	2	1		1		A	120	
GH3	I-80	657+10	103.5 LT	635.1	620.1	15'-0"	6'-2"	4'-6"	8'-10"	4'-0"	628.9	5.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	14'-2"	#4	14'-2"			3			A	120	
CD3	I-80	660+80	120 RT	637.5	627.0	10'-6"	2'-0"	4'-6"	8'-6"	4'-0"	635.5	4.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	9'-8"	#4	9'-8"	5					A	120	
GH2	I-80	664+00	125 LT	642.9	629.9	13'-0"	4'-4"	4'-6"	8'-8"	4'-0"	638.6	5.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	12'-2"	#4	12'-2"		1	2	1		A	120	
CD2	I-80	667+00	100 RT	640.9	623.4	17'-6"	10'-5"	4'-6"	7'-1"	4'-0"	630.5	4.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	16'-8"	#4	16'-8"	2		2			A	120	
GH1	I-80	669+00	140 LT	634.5	616.5	18'-0"	10'-8"	4'-6"	7'-4"	4'-0"	623.8	4.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	17'-2"	#4	17'-2"	1	2	1			A	120	
CD1	I-80	671+30	130 RT	637.3	615.8	21'-6"	16'-5"	4'-6"	5'-1"	4'-0"	620.9	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	20'-8"	#4	20'-8"			2	2		A	120	
IJ1	I-80	671+69	94 LT	645.7	612.7	33'-0"	28'-0"	4'-6"	5'-0"	4'-0"	617.7	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	32'-2"	#4	32'-2"		4				B	120	
MN1	I-80	675+50	115 RT	620.7	597.7	23'-0"	16'-11"	4'-6"	6'-1"	4'-0"	603.8	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	22'-2"	#4	22'-2"		1		2		A	140	
KL1	I-80	678+50	86 LT	645.6	628.1	17'-6"	17'-6"	4'-6"	-	-	-	-	1 3/4"	3'-0"	18 - #11	16'-8"	#4	16'-8"		3				B	120	
MN2	I-80	707+00	83 RT	647.7	630.2	17'-6"	17'-6"	4'-6"	-	-	-	-	1 3/4"	3'-0"	18 - #11	16'-8"	#4	16'-8"				3		B	120	
KL2	I-80	710+00	83 LT	643.6	630.1	13'-6"	13'-6"	4'-6"	-	-	-	-	1 3/4"	3'-0"	18 - #11	12'-8"	#4	12'-8"		5				B	120	
KL3	I-80	713+65	79 LT	640.5	623.0	17'-6"	17'-6"	4'-6"	-	-	-	-	1 3/4"	3'-0"	18 - #11	16'-8"	#4	16'-8"		3				B	120	
IJ3	RAMP AD	20+00	60 RT	629.0	614.5	14'-6"	5'-7"	4'-6"	8'-11"	4'-0"	623.4	5.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	13'-8"	#4	13'-8"		3				C	120	
QR1	RAMP BD	21+50	53 RT	622.7	606.7	16'-0"	8'-8"	4'-6"	7'-4"	4'-0"	614.0	4.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	15'-2"	#4	15'-2"			4			A	120	
QR2	RAMP CB	34+50	55 RT	640.5	620.5	20'-0"	13'-11"	4'-6"	6'-1"	4'-0"	626.6	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	19'-2"	#4	19'-2"		2		1		C	120	
IJ4	US 30	304+50	80 RT	613.4	588.9	24'-6"	19'-5"	4'-6"	5'-1"	4'-0"	594.0	3.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	23'-8"	#4	23'-8"		2		1		C	120	
IJ2	US 30	308+85	120 RT	616.0	602.5	13'-6"	4'-10"	4'-6"	8'-8"	4'-0"	611.2	5.0 Cu. Yd.	1 3/4"	3'-0"	18 - #11	12'-8"	#4	12'-8"	3		3			A	120	

*Length is height of spiral

	USER NAME = rdenley	DESIGNED - SMY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. ROUTE 80 AT U.S. ROUTE 30 LIGHTING LIGHT TOWER FOUNDATION, 54" DIAMETER	F.A.I. RTE. = 80	SECTION = 2011-046-L	COUNTY = WILL	TOTAL SHEETS = 106	SHEET NO. = 70
	PLOT SCALE = 0:2.0000' = 1"	DRAWN - RD	REVISED -			CONTRACT NO. 60P56				
PLOT DATE = 2/13/2012	CHECKED - BWS	REVISED -	SHEET NO. S-3 OF S-17 SHEETS							
ILLINOIS FED. AID PROJECT										