



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
s(E)	26	#5	10'-7"	□
s ₁ (E)	52	#5	4'-2"	□
s ₂ (E)	52	#5	3'-11"	□
sp(E)	1	#5	37'-6"	
v ₉ (E)	12	#10	37'-6"	—
v ₁₀ (E)	6	#8	15'-10"	L
v ₁₁ (E)	12	#8	15'-3"	L
v ₁₂ (E)	3	#7	11'-2"	□
v ₁₃ (E)	6	#7	10'-8"	□
Reinforcement Bars, Epoxy Coated		POUND	4,160	
Structure Excavation		CU YD	14	
Concrete Structures		CU YD	10	
Protective Coat		SQ YD	13	
Rustication Finish		SQ FT	8	
Drilled Shaft in Soil 36"		FOOT	30	

Reinforcement bars designated (E) shall be epoxy coated.

- NOTES:**
- The design loads are based on AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals-2001.
 - Drilled shafts shall be installed according to IDOT special provisions for "Drilled Shafts".
 - Protective Coat shall be applied to exposed surfaces of the new concrete wall and tower base.
 - At all locations where reinforcement bar laps are not in direct contact, the Contractor shall provide sufficient spacing between the vertical bars, equal to the size of the largest concrete aggregate plus 1/2 inch.
 - For location of drilled shaft, see Sheet 4 of 21.
 - Conduit is not shown for clarity. For location of conduit, see Sheet 8 of 21.
 - Cost of anchor rod assembly, conduit and wires for grounding are included with "Concrete Structures".
 - Minimum lap for spirals = 2'-6"

TYLIN INTERNATIONAL

MARK TABLE

Bar	D
s(E)	4'-5"
v ₁₀ (E)	4'-4"
v ₁₃ (E)	3'-10"

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 EXIT RAMP AT AIS #2
 AIS #2
 LIGHT TOWER 6R0P1 FOUNDATION DETAILS
 S.N. 016-W960 DESIGNED BY: TD, MAF
 SCALE: N.T.S. DRAWN BY: MAF, DJR
 DATE: MARCH 18, 2005 CHECKED BY: MI