

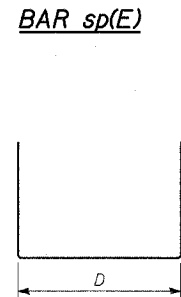
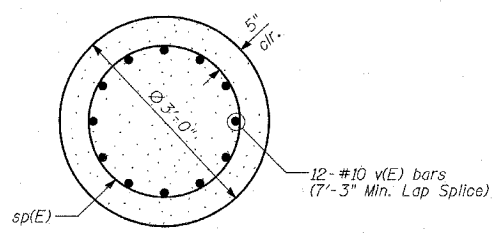
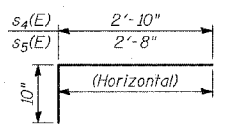
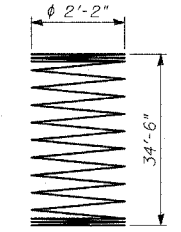
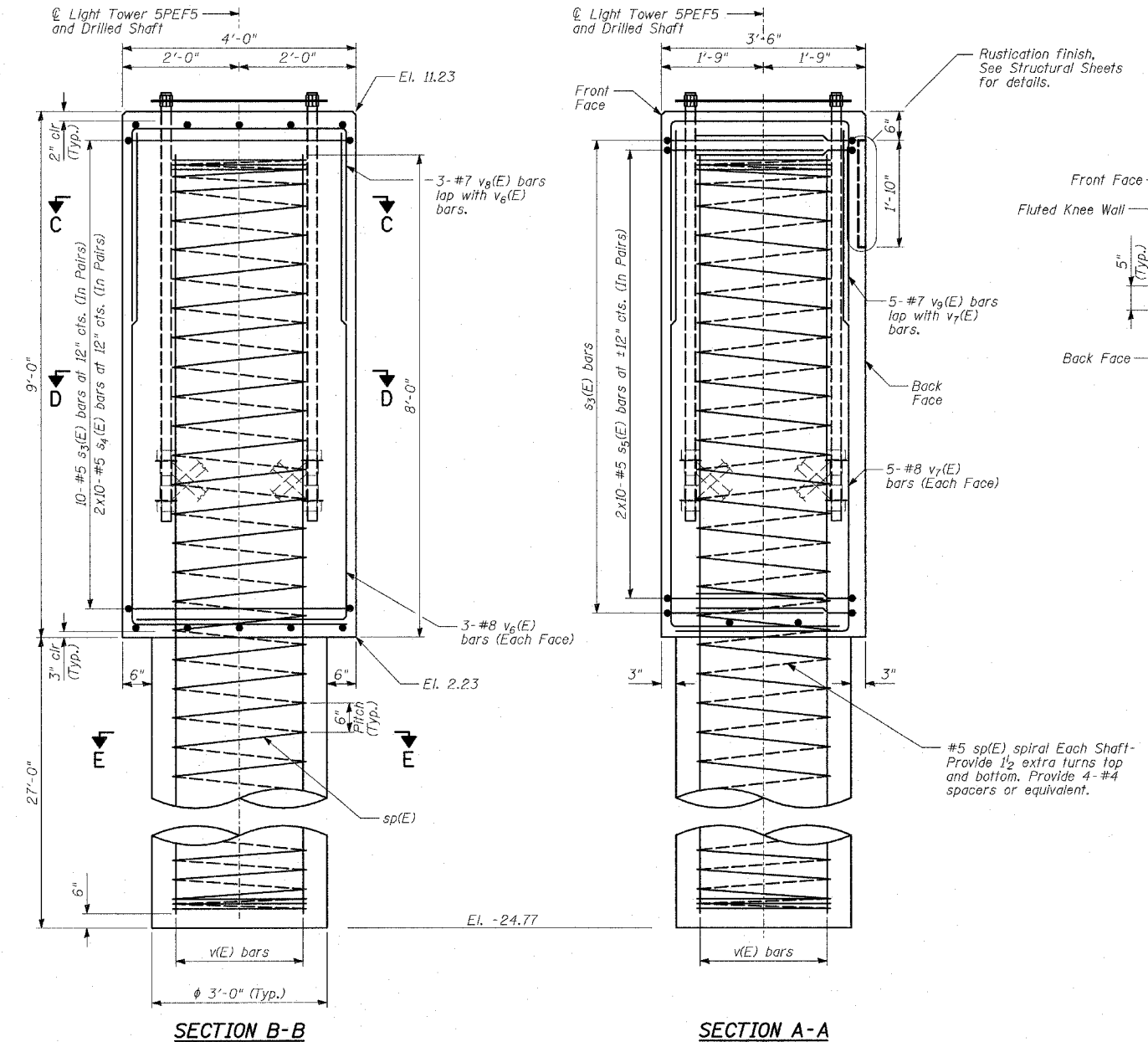
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
s ₃ (E)	20	#5	8'-9"	□
s ₄ (E)	40	#5	3'-8"	□
s ₅ (E)	40	#5	3'-6"	□
sp(E)	1	#5	34'-6"	
v(E)	12	#10	34'-6"	—
v ₆ (E)	6	#8	11'-10"	L
v ₇ (E)	10	#8	11'-5"	L
v ₈ (E)	3	#7	10'-2"	L
v ₉ (E)	5	#7	9'-10"	L
Reinforcement Bars.		POUND	3,460	
Epoxy Coated				
Structure Excavation		SQ YD	14	
Concrete Structures		CU YD	5	
Protective Coat		SQ YD	7	
Rustication Finish		SQ FT	6	
Drilled Shaft in Soil 36"		FOOT	27	

Reinforcement bars designated (E) shall be epoxy coated.

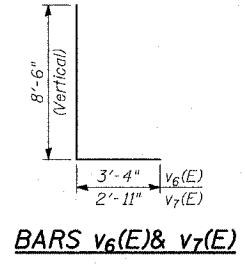
NOTES:

- 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.
- Conduit is not shown for clarity. For location of conduit, see Sheet 3 of 3.
- Cost of anchor rod assembly, conduit and wires for grounding are included with "Concrete Structures".
- Minimum lap for spirals = 2'-6"



MARK TABLE

Bar	D
s ₃ (E)	3'-5"
v ₈ (E)	3'-4"
v ₉ (E)	3'-0"



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
HMLT 5PEF5 FOUNDATION DETAILS

S.N. 016-W
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

DESIGNED BY: TD, MAF
 DRAWN BY: MAF, DJR
 CHECKED BY: MI