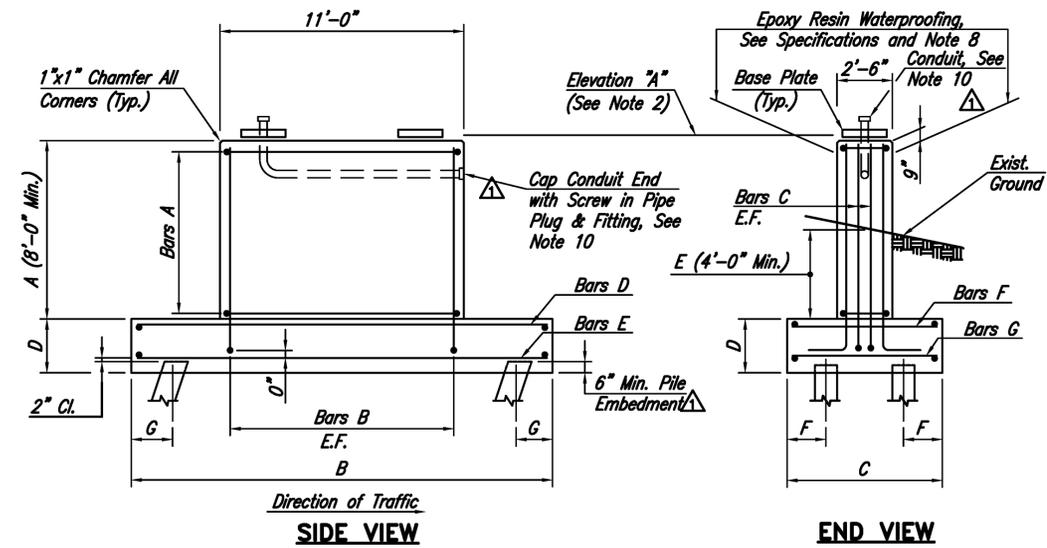
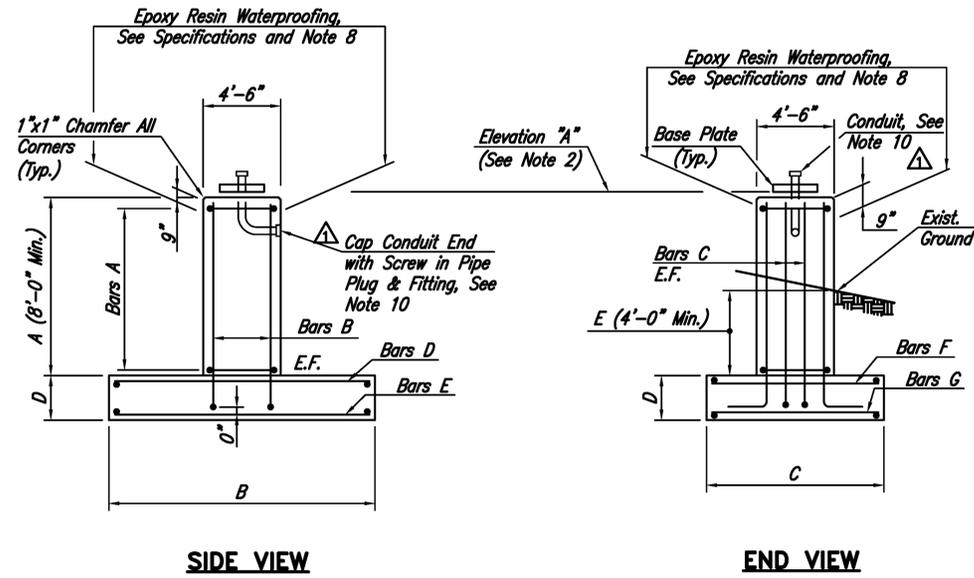


**SPAN STRUCTURE FOUNDATION**

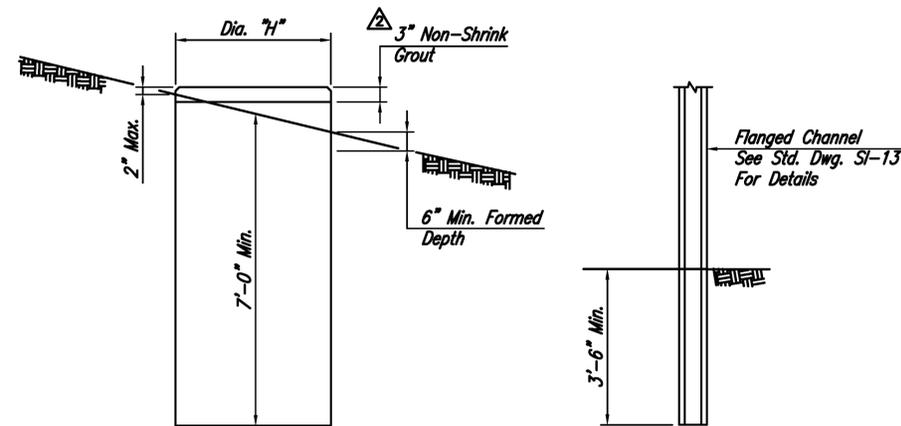


**SPAN STRUCTURE FOUNDATION ON PILES**



**CANTILEVER OR BUTTERFLY STRUCTURE FOUNDATION**

*NOTE: If piles are required, footing to be similar to that used on span structure.*



**GROUND MOUNTED SIGN FOUNDATIONS**

**NOTES:**

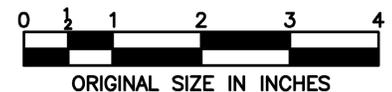
1. See Specifications for Sign Structure or VMS Support Structure Fabrication and Erection provisions
2. Elevation "A" to be 4'-0" above the high point of the roadway cross section. On a span type structure, elevation "A" to be the same for both pedestals of the same structure.
3. Bar clearance in the pedestal shall be 2" min. and in the footing shall be 3" min.
4. Foundation details are to be symmetrical about centerline. All bars to be equally spaced.
5. For tabular listing of footing dimensions and reinforcing schedules see Contract Plans.
6. Concrete in pedestals shall be Class B; concrete in footings shall be Class C.
7. E.F. denotes each face.
8. Payment for Epoxy Resin Waterproofing for top of Pedestal shall be considered incidental to the Concrete Foundation pay item. No additional payment will be made.
9. Minimum footing cover shall be 2'-0".
10. Where Lighting for a Sign Structure is indicated in the Contract Plans, conduits shall be provided in the Sign Structure Pedestal(s) as shown on this Standard Drawing and on Standard Drawings SI-19 and E-22.

FOUNDATION DIMENSIONS AND REINFORCEMENT												
STRUCTURE NO. OR LOCATION	DIMENSION					REINFORCEMENT						
	A	B	C	D	E	BAR A	BAR B	BAR C	BAR D	BAR E	BAR F	BAR G
MP												
MP												
MP												

*NOTE TO DESIGNER: This is a sample table. The Engineer of Record shall be responsible for furnishing this or similar table on the Final Contract Drawings.*

POST O.D.	DIA. 7/8"	VERT. REINF.
4"	1'-4"	6-#4
6"	1'-8"	6-#6
8"	1'-10"	8-#6
10"	2'-2"	12-#6
12"	2'-6"	12-#8

*NOTE: All vertical reinforcing to have #4 bars @ 12" o.c. encircling them.*



2	03/14	REVISED GROUT HEIGHT	NEW JERSEY TURNPIKE AUTHORITY NEW JERSEY TURNPIKE
1	12/09	REVISED CONDUIT DETAILS	
	04/09	ORIGINAL DRAWING	
APP. NO.	DATE	REVISION	

CONTRACT NO.

SHEET NO.

OF

2009 STANDARD DRAWING SI-22