

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

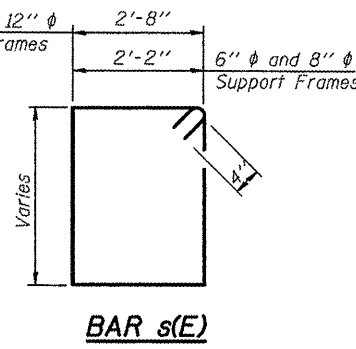
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



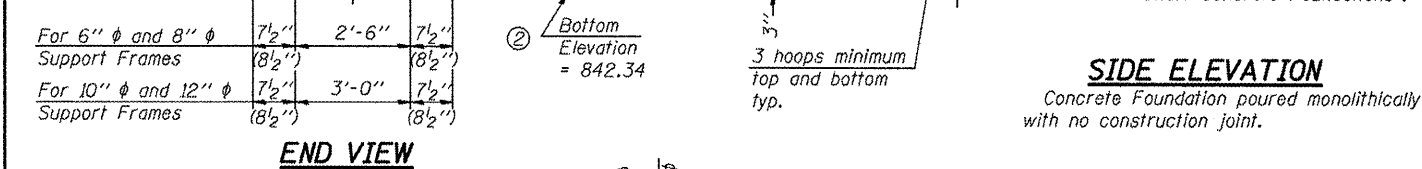
Pipe Support Frames	cc	M	a	a/2
6"φ	7'-0"	9'-6"	0'-11"	5 1/2"
8"φ	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"φ	8'-3"	11'-3"	1'-3"	7 1/2"
12"φ	9'-0"	12'-0"	1'-6"	9"

BAR LIST - EACH FOUNDATION

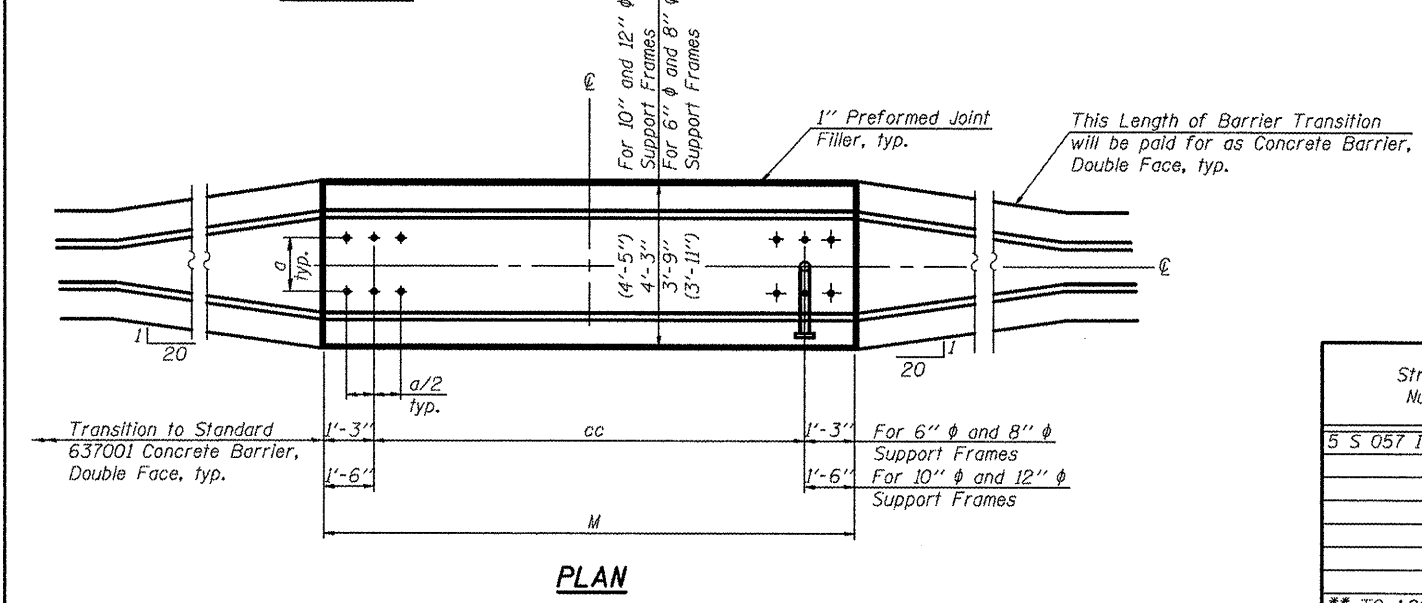
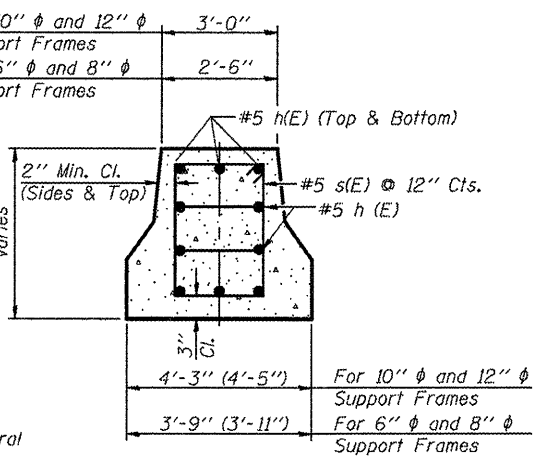
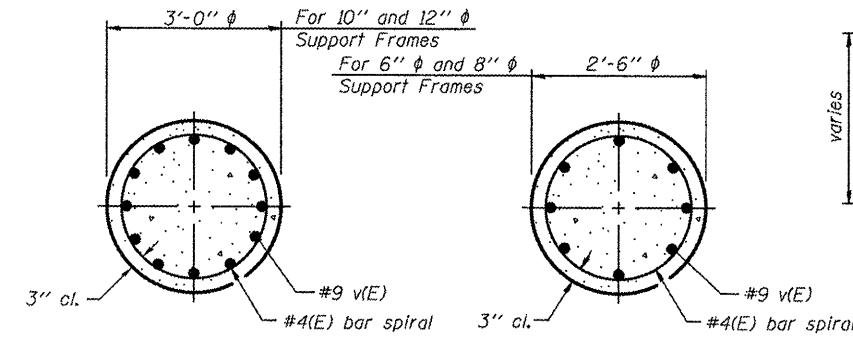
Bar Number	Size	Length	Shape
h(E)	#5	M less 4"	—
s(E)	#5	Varies	□
v(E)	#9	F less 0'-5"	—
v(E)	#9	F less 0'-5"	—

#4(E) bar spiral - see Side Elevation

6" φ and 8" φ Support Frame
10" φ and 12" φ Support Frame



All dimensions in parenthesis are for 42" high barrier.



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
5 S 057 1039 R001.00	154+83.5	(1) 864.01	(2) 842.34	17'-6"	21'-8"	SEE BASE SHEET OS4-F3 DRILLED SHAFT DETAILS				15.7
		DRILLED SHAFT								
		(3) 859.84								
		MEDIAN BARRIER								

** TO ACCOUNT FOR FUTURE PROFILE CHANGE WITH I-39 RECONSTRUCTION, CONSTRUCT PARAPET WITH A 3'-8" HEIGHT. BASE PORTION OF PARAPET SHALL BE 1'-3" TALL (1'-9" TALL WHEN INCLUDING 6" AT THE ATTENUATOR PAD).

OS4-MED

FILE NAME =	USER NAME = oerlockjd	DESIGNED - JAL	REVISED -
46179-shr-detailed.dgn		DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1'-0"		CHECKED -	REVISED -
PLOT DATE = 10/27/2011		DATE - 04/26/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS

SCALE: SHEET NO. 15 OF 24 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	Various	178	120
CONTRACT NO. 46179				

•VARIOUS COUNTIES
••D-5 OVD SIN STR REPL 2012-06

ILLINOIS FED. AID PROJECT