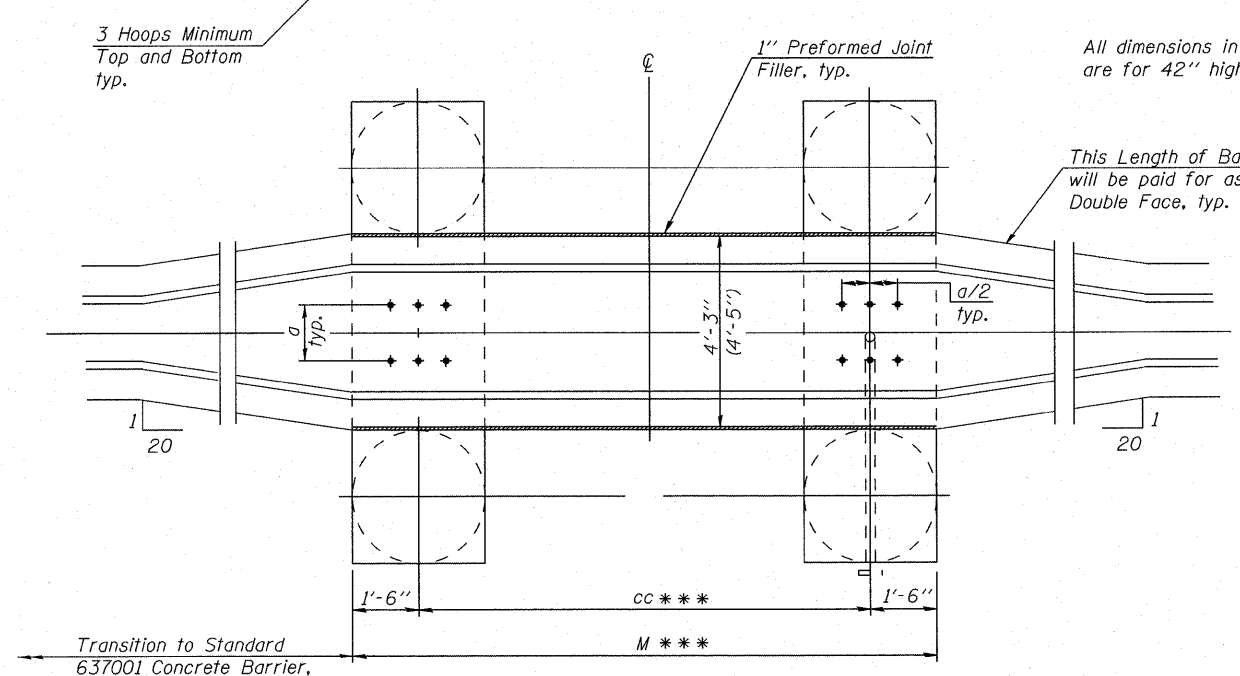
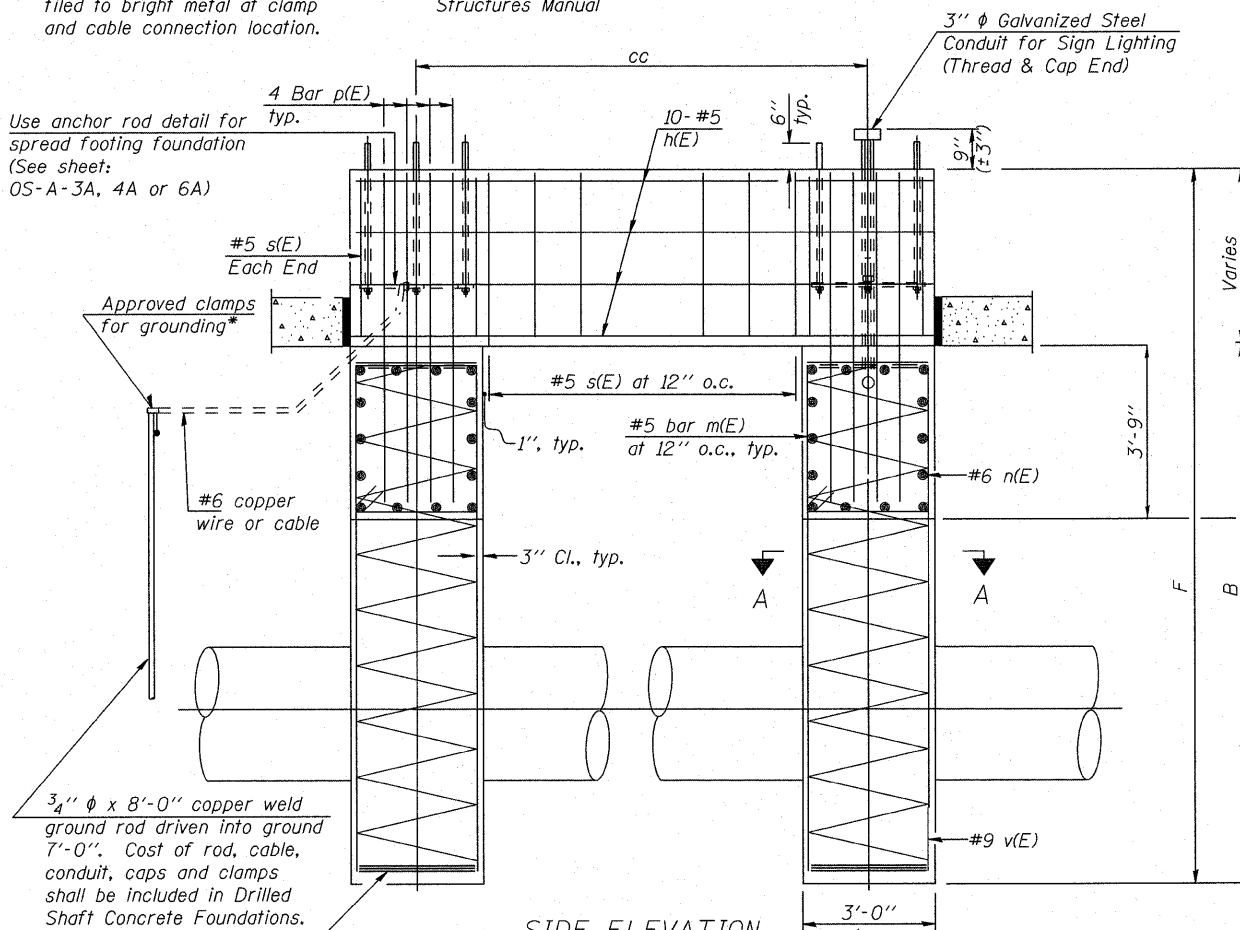
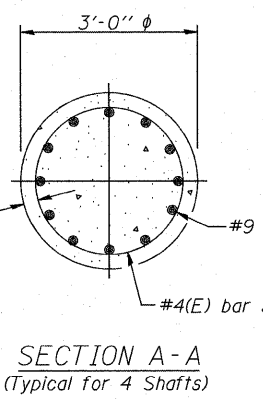
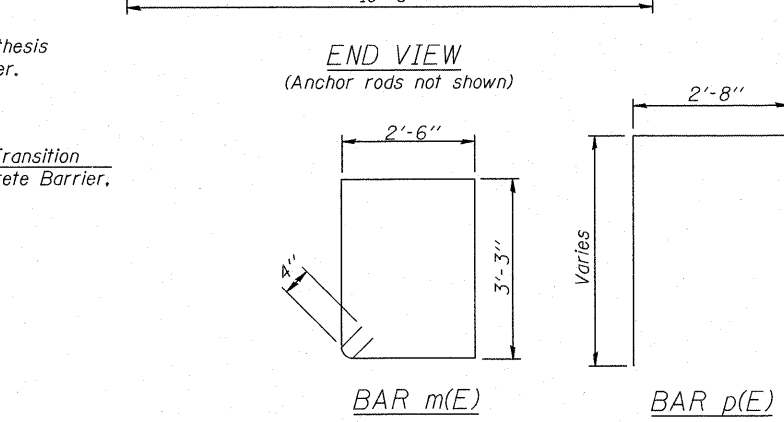
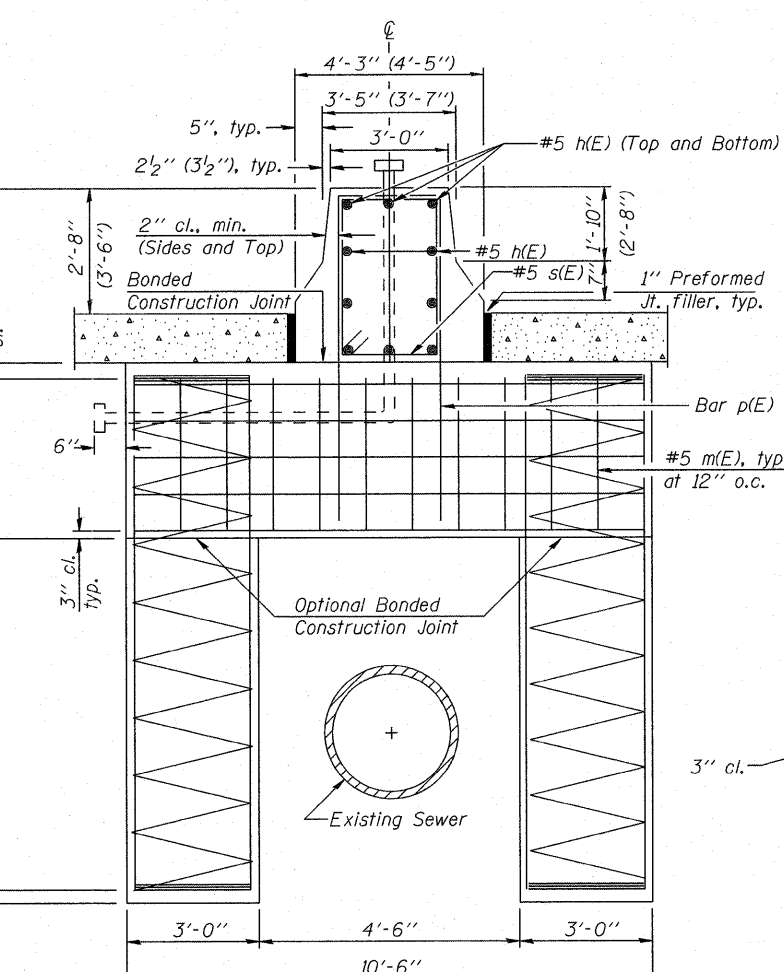


\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

\*\* B = 1/2 the depth given in the Sign Structures Manual



PLAN  
 \*\*\* NOTE: FOUNDATION DIMENSION MODIFIED FOR ISTHA SIGN STRUCTURE, SEE SHEETS F1-00 & F3-00 FOR DETAILS.  
 NOTE:  
 SOIL CONDITIONS AT THE BOTTOM OF THE FOUNDATION EXCAVATION AND ALONG THE SIDES OF THE SHAFT SHALL BE FIELD VERIFIED TO CONFIRM THAT THEY ARE CONSISTENT WITH THE SOIL BORING LOGS.



BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	48	#9	B less 0'-5"	—
m(E)	22	#5	12'-0"	□
n(E)	28	#6	10'-0"	—
p(E)	8	#5	Varies	□
* #4 Bar Spiral - See Side Elevation				

Ripe 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"

NOTE: ANCHOR BOLT CIRCLE SHALL BE FOR ISTHA SIGN STRUCTURE SEE SHEETS F1-00 & F3-00 FOR DETAILS.

*** ISTHA TRUSS NO.	cc	M	a	a/2
T-90	5'-11 1/2"	8'-11 1/2"	1'-7"	7 3/4"
T-105	6'-11"	9'-11"	1'-7"	7 3/4"

Structure Number	Station	Left Foundation		Right Foundation		Class DS Concrete (Cu. Yds.)	
		Elevation Top	Elevation Bottom	B	F		Elevation Top
ISTHA - 90-TR-86&87	126+72 RT	787.60	762.54	20.5'	25.06'	32.5	
ISTHA - 90-TR-125	147+40 RT	781.10	759.04	17.5'	22.06'	28.7	

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.

OS4-MED2 1-20-11

DESIGNED -	REVISOR -
CHECKED - DW	REVISOR -
DRAWN - JDH	REVISOR -
DATE - 10-21-2011	REVISOR -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES  
 MEDIAN SUPPORT FOUNDATION DETAILS II  
 SHEET NO. 20 OF 20 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1) R	WINNEBAGO	510	327
CONTRACT NO. 64C29				

Rev. 1-9-12