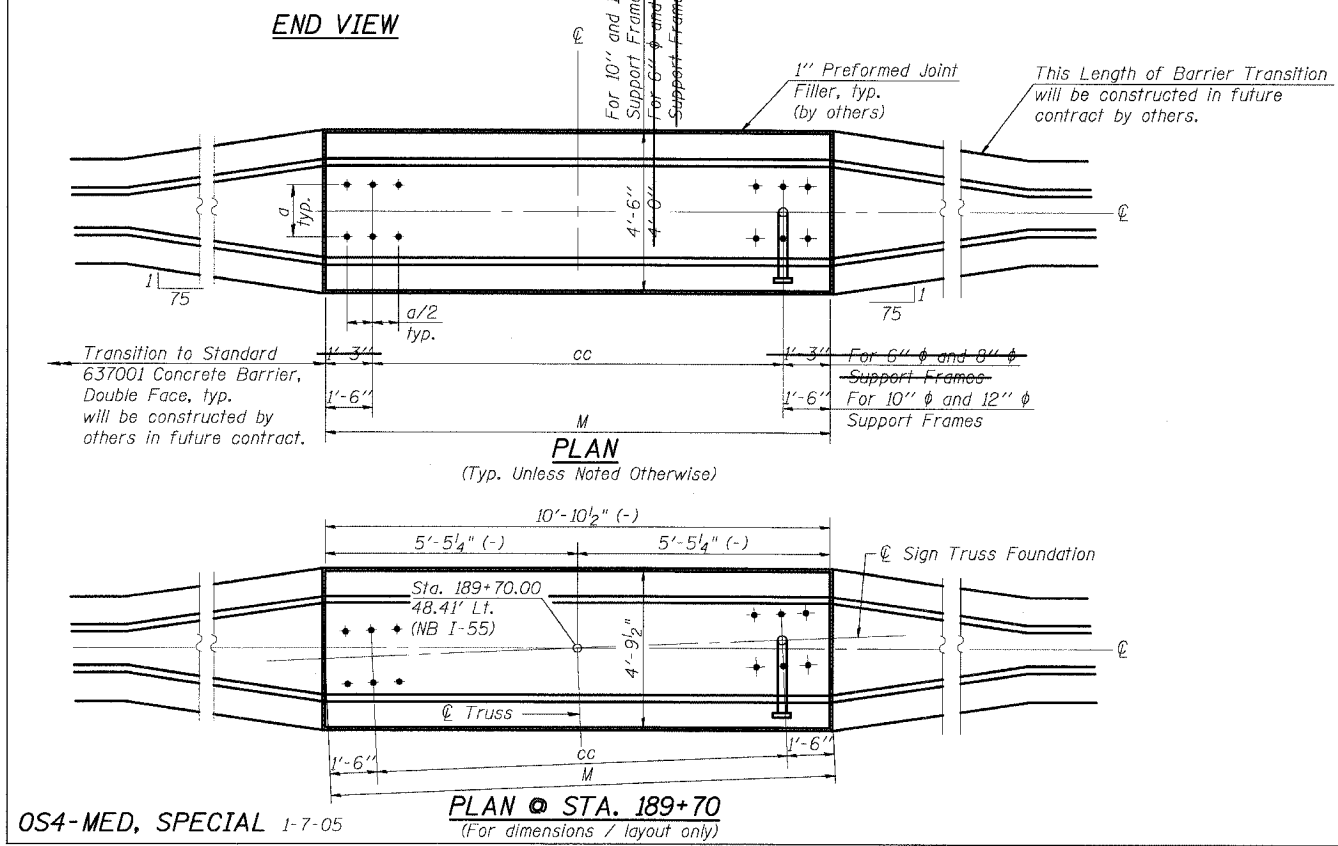
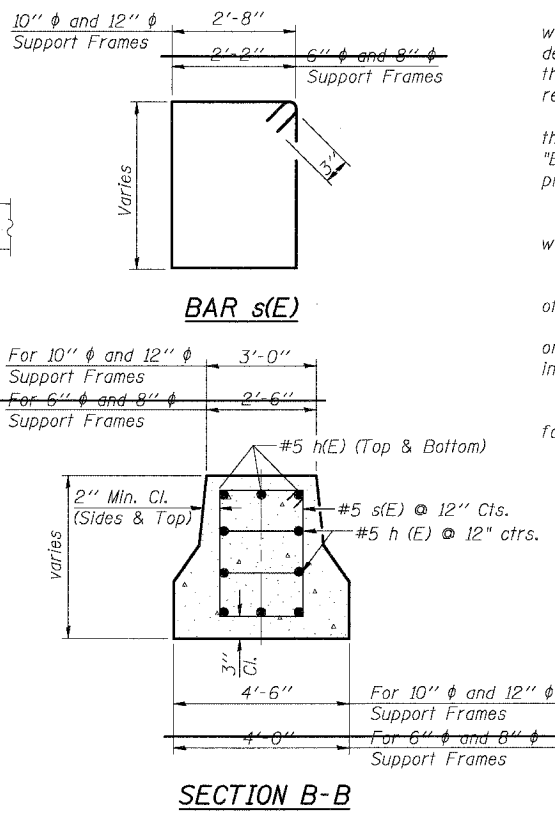
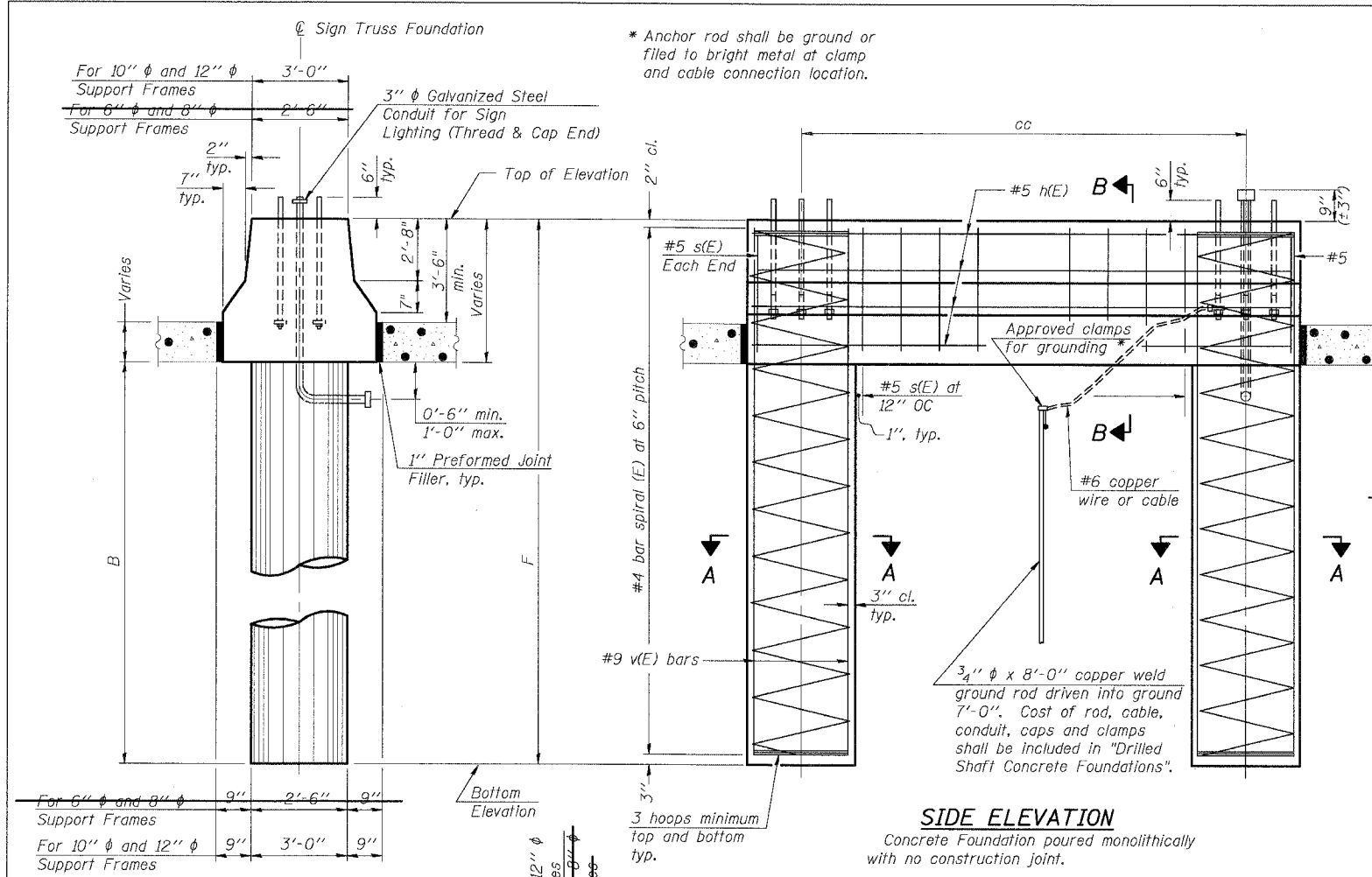


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-062 I	WILL.	72	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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.

The cost of all reinforcing steel shall be included in the cost of Drilled Shaft Foundations.

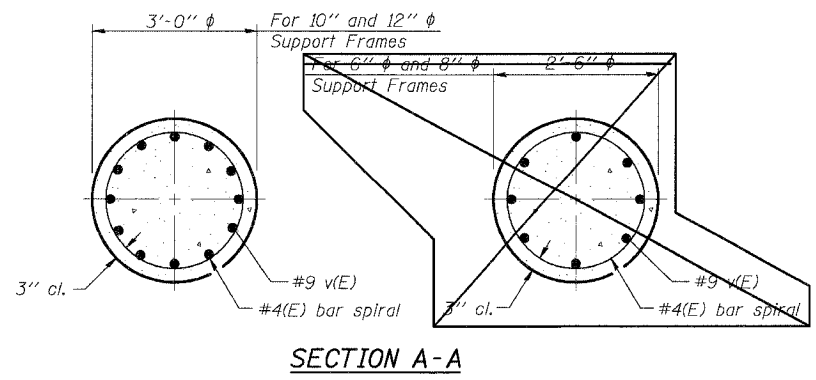
The concrete and reinforcing steel for the barrier wall section shall be measured and paid for as Drilled Shaft Foundations.

BAR LIST - EACH FOUNDATION

Bar Number	Size	Length	Shape
h(E)	Varies	#5	M less 4"
s(E)	8	#5	Varies
v(E)	16	#9	F less 0'-5"
v(E)	24	#9	F less 0'-5"
#4(E) bar spiral - see Side Elevation			

Structure Number	Station	Left Foundation		Right Foundation		Class SI Concrete (Cu. Yds.)	Depth of Rock Exc. (Fr.)
		Elevation Top	Elevation Bottom	B	F		
IS0991055R249.90	189+70	576.28	549.30	20'-6"	26.98	20.8	1'-2 1/2"
IS0991055L250.67	229+76	593.26	570.00	16'-6"	23.26	19.2	2'-3 1/2"
IS0991055R251.02	248+22	595.45	571.48	16'-6"	23.97	20.5	---
IS0991055L251.17	256+26	590.76	567.01	16'-6"	23.75	20.1	---
IS0991055R252.64	333+75	586.30	565.03	16'-6"	21.27	15.6	3'-7"
IS0991055L253.03	354+55	582.58	559.12	16'-6"	23.46	19.6	10'-3 1/2"

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"	10'-9"	1'-3"	7 1/2"
12"φ	9'-0"	12'-0"	1'-6"	9"



SHT. S-11 OF 27

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO U.S. 30)
SIGNING
WILL COUNTY

**OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS
MEDIAN SUPPORT**

SCALE: _____ DRAWN BY: MDB
DATE: 05/19/06 CHECKED BY: MJK

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 05/19/06
 FILE NAME = S:\PROJECTS\2005\0517\STRUCT\DRAS\S27\AR23.SHT
 GARCIAZ
 55\DOCUMENT\2005\0517\STRUCT\DRAS\S27\AR23.SHT
 *BID\91\AR23.DGN
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = MUSER6