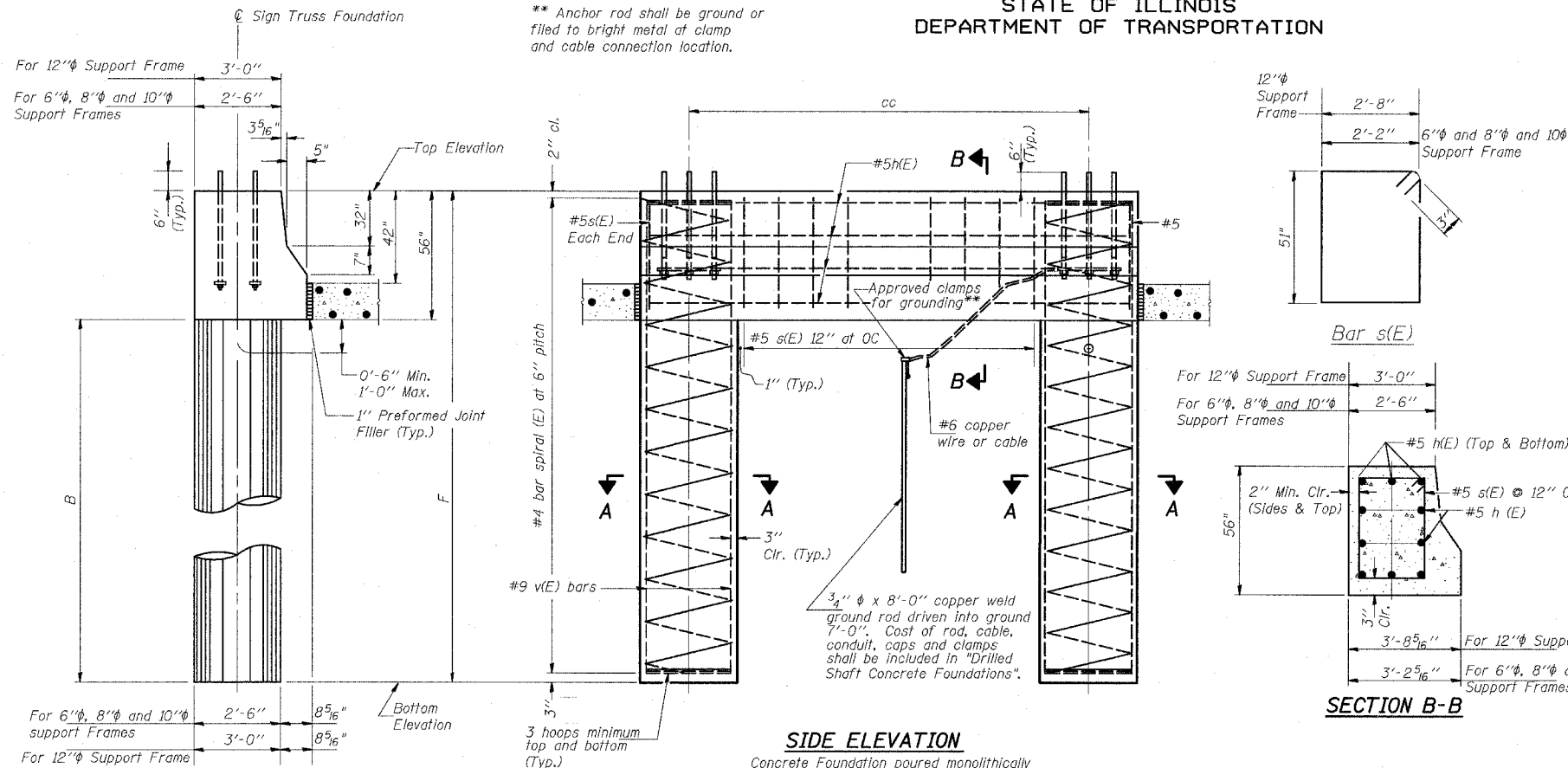


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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



**SIDE ELEVATION**

Concrete Foundation poured monolithically with no construction joint.

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.

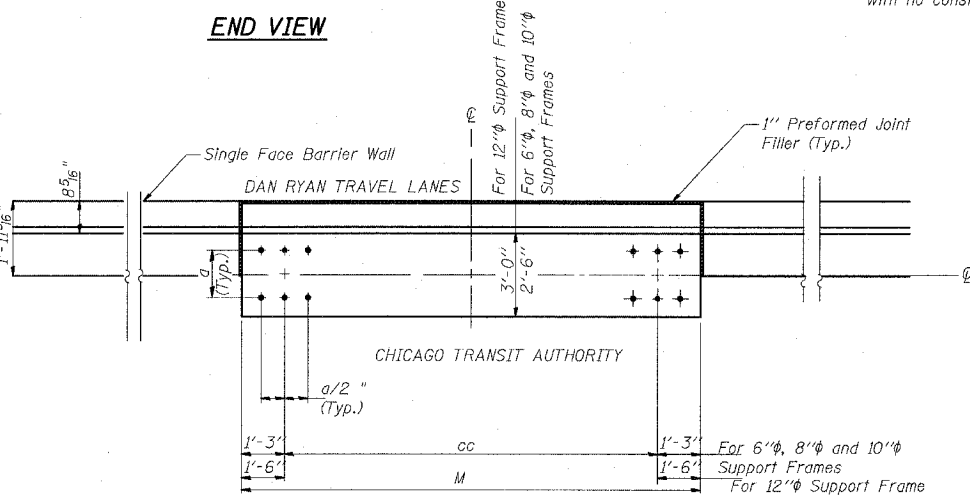
A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Face of median support foundation shall match dimensions of permanent barrier wall F shape.

Refer to the lighting plans for location and orientation of the conduit.

**BAR LIST - EACH FOUNDATION**

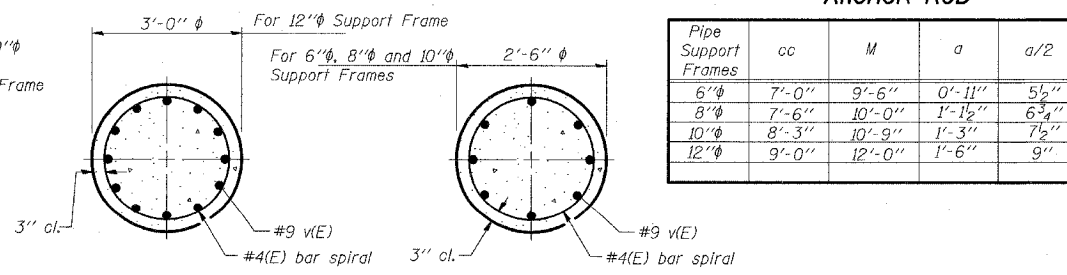
Bar	Number	Size	Length	Shape
n(E)	10	#5	M less 4"	
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	
#4(E) bar spiral - see Side Elevation				



**END VIEW**

Structure Number	Station	Left Foundation				Right Foundation				Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
ISO161094R060.0	1355+91	3.74	-17.43	16.5'	21.17'					11.30
ISO161094R061.3	1286+85	-7.63	-30.30	18'	22.67'					16.37
ISO161094R061.5	1276+67	4.91	-20.26	20.5'	25.17'					12.76
ISO161094R061.9	1251+43	-4.72	-26.89	17.5'	22.17'					11.66
ISO161094R062.5	1224+00	5.49	-19.68	20.5'	25.17'					12.76

MODIFIED BY CTE ENGINEERS, INC. FROM OS4-MED  
MODIFIED BY T.Y. LIN INTERNATIONAL FOR BARRIER WALL DIMENSIONS, ANCHOR ROD



**SECTION A-A**

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"

DESIGNED	SLW	20
CHECKED	RD	EXAMINED
DRAWN		PASSED
CHECKED		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
OVERHEAD SIGN STRUCTURES  
MEDIAN SUPPORT FOUNDATION DETAILS  
SINGLE FACE MEDIAN SUPPORT FOUNDATION

SCALE: AS NOTED  
DATE: MARCH 25, 2005  
DRAWN BY: AMB  
CHECKED BY: TB