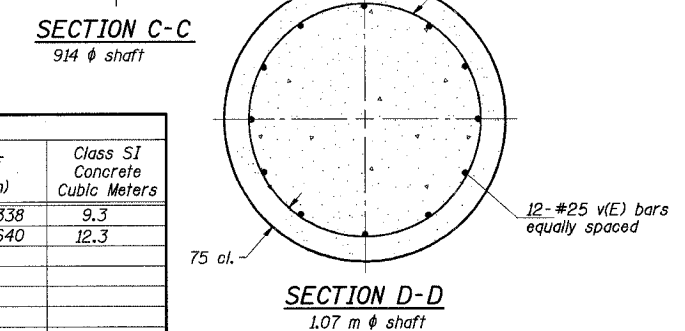
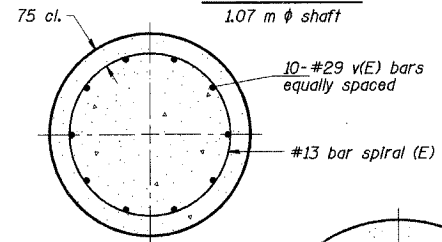
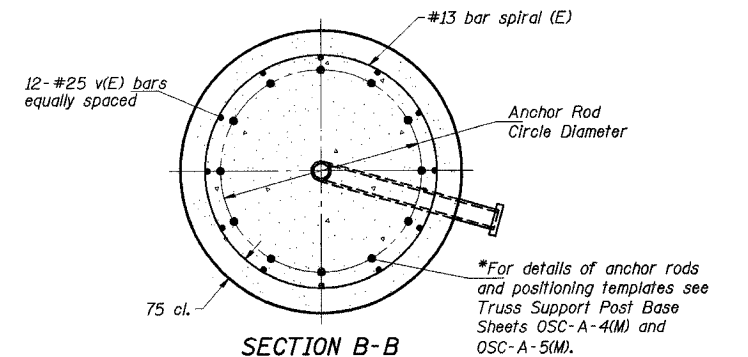
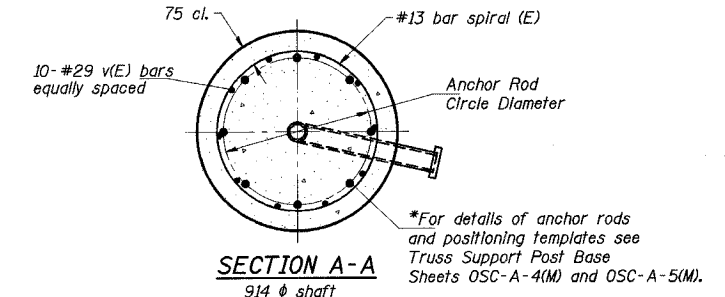
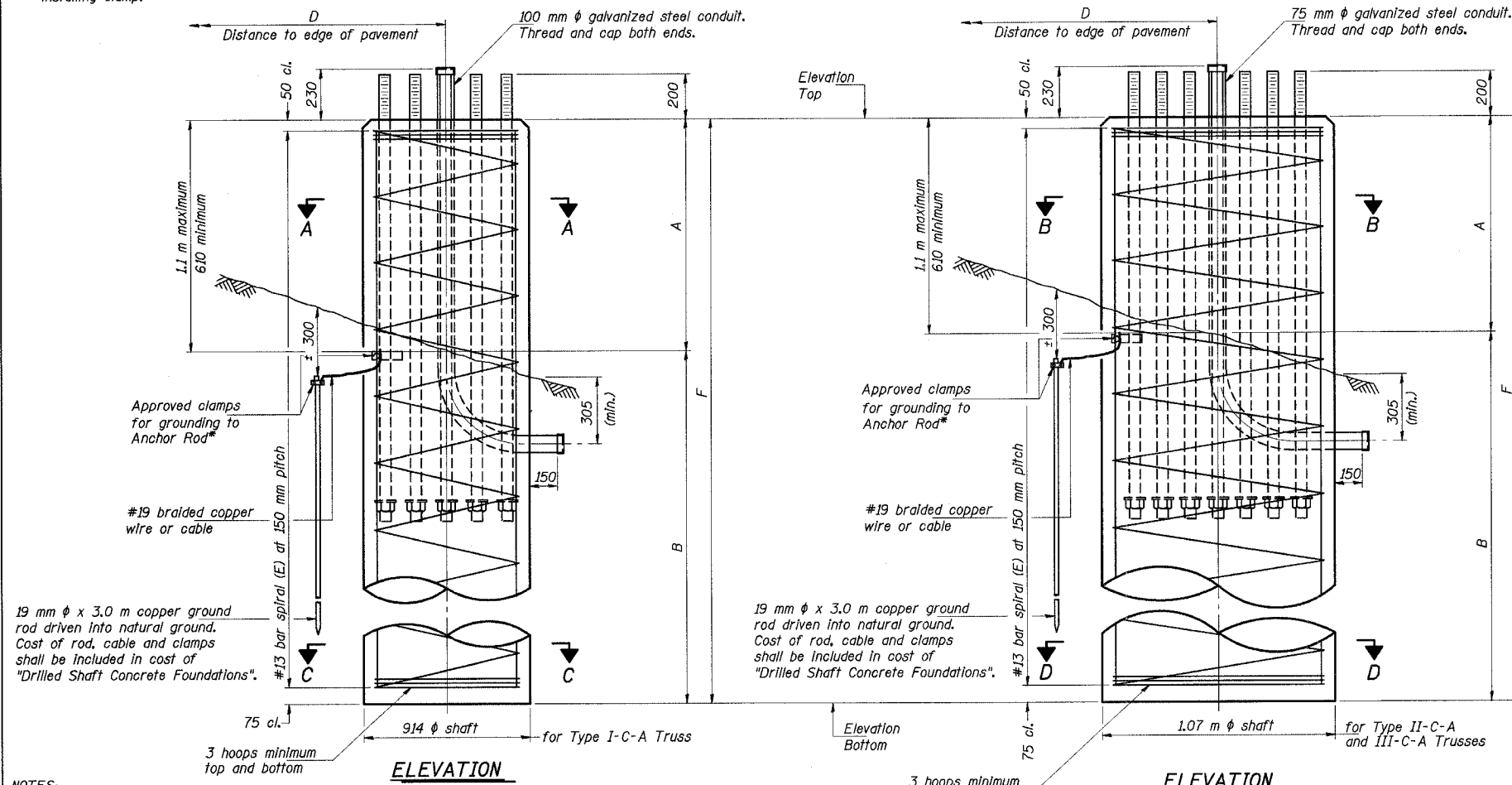


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	334
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	
		10203.1 & 0312-708W R3		CONTRACT NO. 62108

*Grind anchor rod to bright finish at ground clamp location before installing clamp.



NOTES:

The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 120 kPa, 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 in the Foundation Data Table 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 300 mm 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 150 mm below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Conduit in foundation is incidental to "Drilled Shaft Concrete Foundation" for sign structures pay item.

Structure Number	Station	Truss Type	Shaft Diameter (m)	Elevation Top	Elevation Bottom	A (m)	B (m)	F (m)	Class SI Concrete Cubic Meters
1C0161094L073.4	19+072 (I-94)	III-C-A	1.07	182.938	172.60	0.789	9.549	10.338	9.3
1C0161094R074.3	20+423 (I-94 EB)	III-C-A	1.07	186.244	172.60	0.699	12.945	13.640	12.3

Truss Type	Post Base Sheet	Maximum Cantilever Length (m)	Maximum Total Sign Area (sq m)	Shaft Diameter (m)	"B" Depth (m)	Anchor Rods No.	Anchor Rod Diameter (mm)	Anchor Rod Circle Diameter (mm)
I-C-A	OSC-A-4(M)	7.6	15.8	0.92	4.7	8	51	560
II-C-A	OSC-A-5(M)	9.2	15.8	1.07	4.6	12	51	762
III-C-A	OSC-A-5(M)	9.2	31.6	1.07	6.6	12	51	762
III-C-A	OSC-A-5(M)	10.7	15.8	1.07	5.8	12	51	762
III-C-A	OSC-A-5(M)	10.7	23.2	1.07	6.9	12	51	762
III-C-A	OSC-A-5(M)	10.7	37.2	1.07	8.1	12	51	762
III-C-A	OSC-A-5(M)	12.2	37.2	1.07	9.1	12	51	762

DESIGNED	PY
CHECKED	DD
DRAWN	LK
CHECKED	DD

OSC-A-9(M) 11/1/2002

NUMBER	REVISION	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6 (KINGERY EXPRESSWAY)

CANTILEVER SIGN STRUCTURES
DRILLED SHAFT
ALUMINUM TRUSS & STEEL POST

DATE: JUL 18, 2005
SCALE ---

HNTB

JBeuchamp E:\34562\CAD00\bl\Signa\Contract\19\oda\as\98274a.dgn 08-JUL-2005 15:33