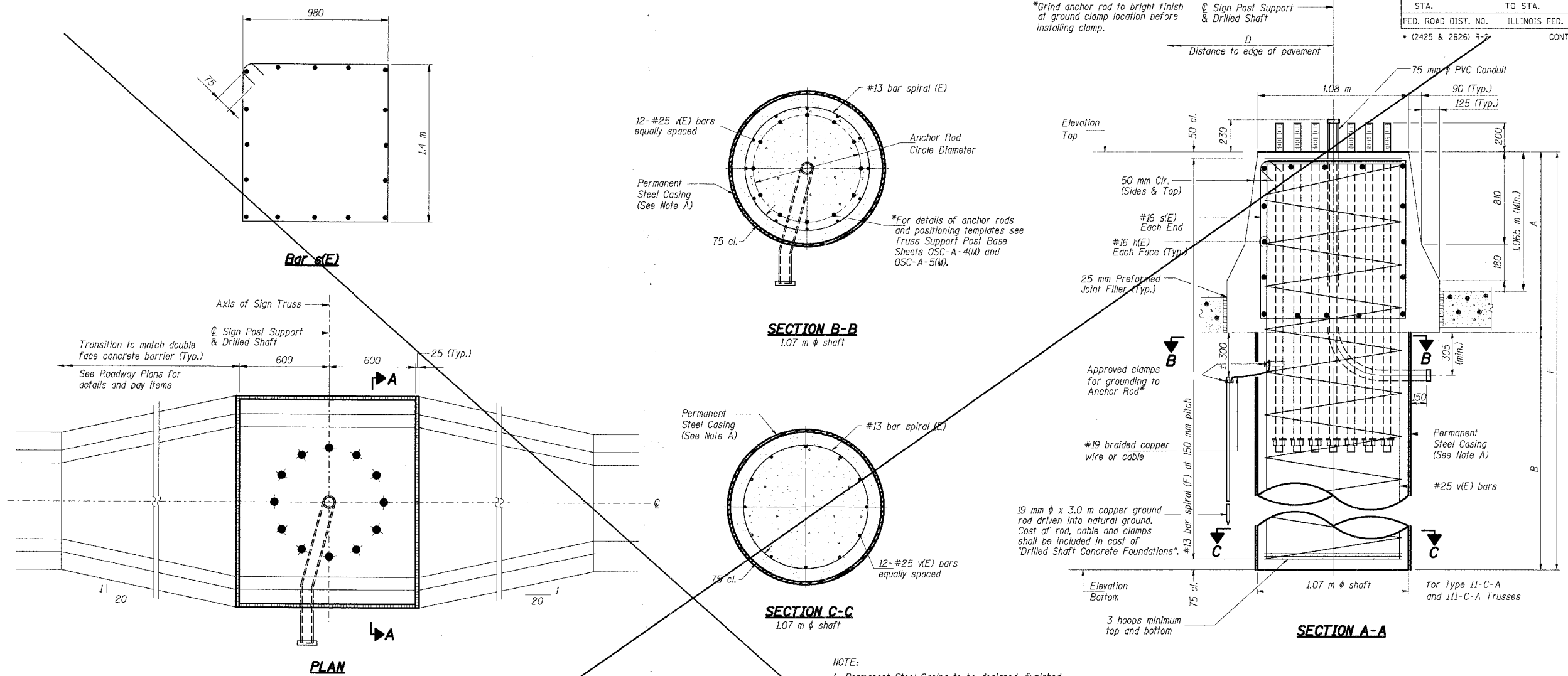


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	631	336
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	• (2425 & 2626) R-2			CONTRACT NO. 62110



**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 Seal application will be required on concrete surfaces above the lowest elevation 150 mm below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
v(E)	12	#25	Varies	□
s(E)	2	#16	Varies	□
h(E)	16	#16	1.1 m	—
#13(E) bar spiral - see Side Elevation				

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	A	B	F	Class SI Concrete Cubic Meters
100161080L162.3	6+100.000	II-C-A	1.07 m	196.850	181.500	1.5 m	7.8 m	9.3 m	9.4

$F = A + B$

FOUNDATION DATA								
Truss Type	Post Base Sheet	Maximum Cantilever Length (m)	Maximum Total Sign Area (sq m)	Shaft Diameter (m)	"B" Depth (m)	Anchor Rods		Anchor Rod Circle Diameter (mm)
						No.	Diameter (mm)	
II-C-A	OSC-A-5(M)	8.45	19.0	1.07	6.5	12	51	762

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
 COOK COUNTY

**CANTILEVER SIGN STRUCTURES  
 FOUNDATION DETAILS  
 MEDIAN SUPPORT**

SCALE: DATE: 7/18/2005  
 DRAWN BY: NK  
 CHECKED BY: VCP

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

7-12-2005, 10:23:57  
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 12,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63  
 BALZEKJ  
 OSC-A-9(M), SPECIAL 11/1/2002

**THIS SHEET FOR INFORMATION ONLY**