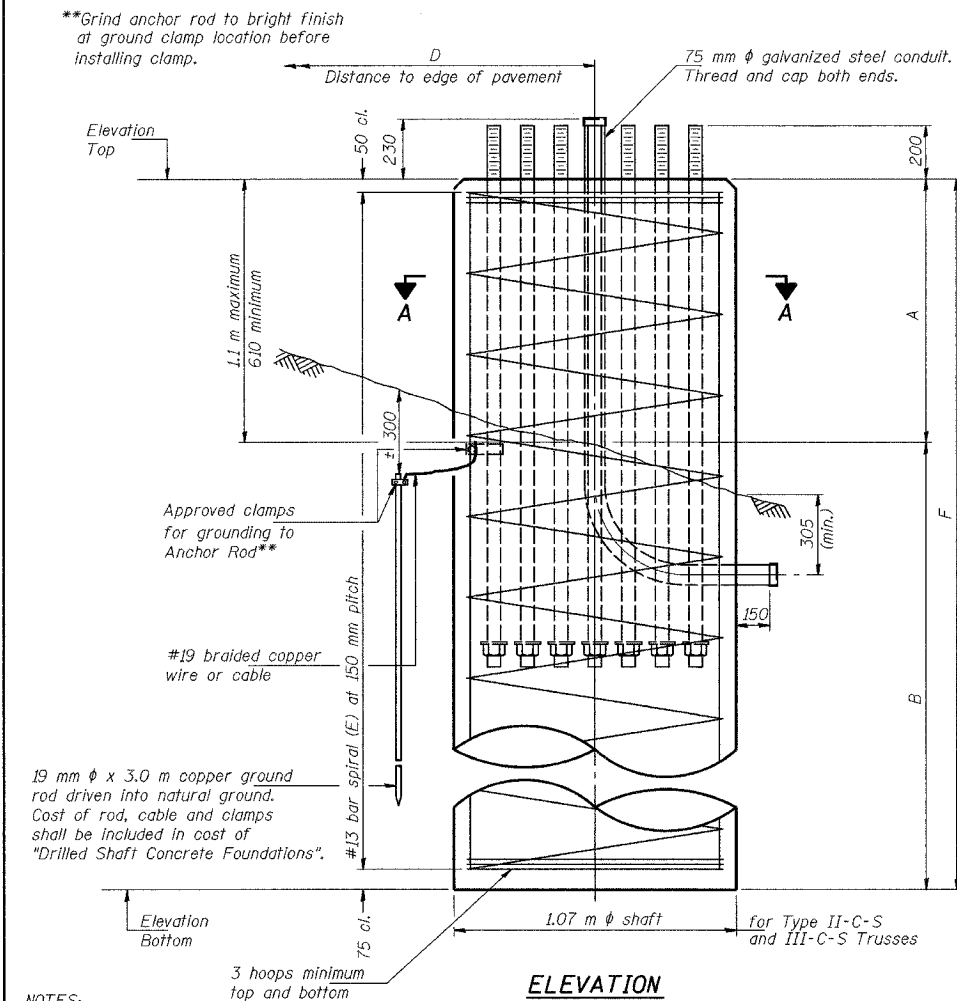


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	PEORIA	1360	1317
STA.		TO STA.		
F.I.L.W.A. REGION		ILLINOIS	PROJECT	
*(72-71R-3		CONTRACT NO. 68200		



NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined compressive Strength (Qu) 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 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 Engineers' written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specifications, 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 Foundations".

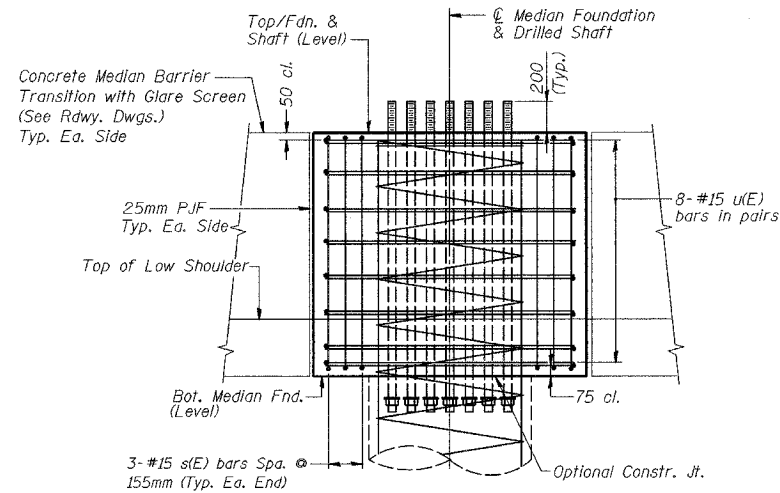
- "A" is measured from the bottom of the proposed concrete median foundation.
- The concrete quantity includes the shafts from the bottom of the median foundation to the bottom of the shafts.
- All items required to construct the median foundation shall be included in the cost of "Drilled Shaft Concrete Foundations".

DESIGNED	RJW
CHECKED	KJN
DRAWN	RJW
CHECKED	KJN

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

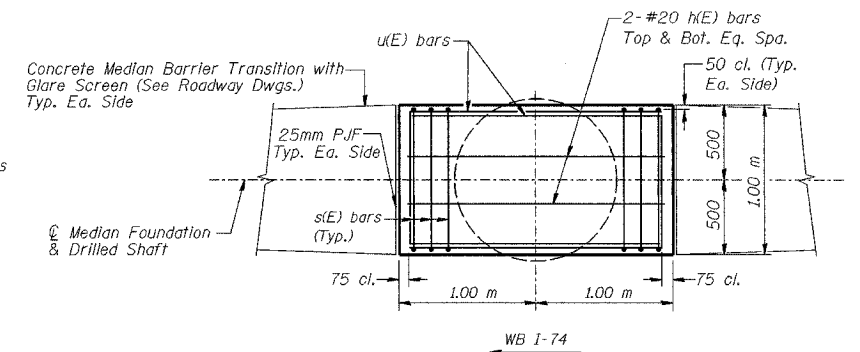
2004
EXAMINED
ENGINEER OF STRUCTURAL SERVICES
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE



INSIDE ELEVATION - MEDIAN FOUNDATION

(View From WB I-74 side)



PLAN - MEDIAN FOUNDATION

Note: 25mm P/JF shall be placed between each vertical face of the Median Foundation and the proposed Concrete Shoulders. See Shoulder details in Roadway Dwgs.

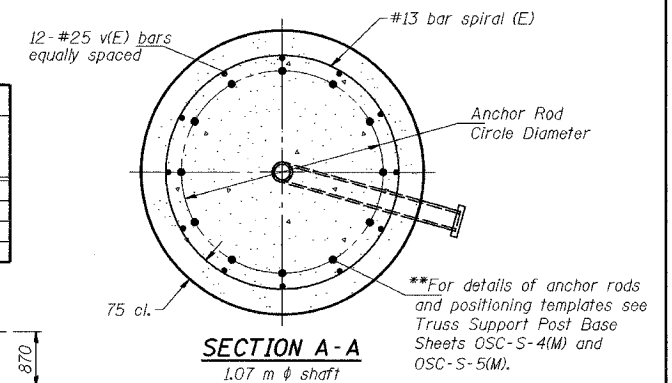
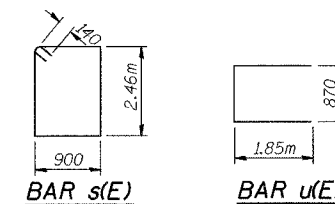
FOUNDATION DATA									
Structure Number	Station	Truss Type	Shaft Diameter (m)	Elevation Top	Elevation Bottom	A (m)	B (m)	F (m)	Class SI Concrete Cubic Meters
4C0721074L089.3	143+740	II-C-S	1.07	191.889	182.715	2.574(1)	6.60	9.174	5.93 (2)
Median Foundation (3)				191.889	189.315	2.574(1)			5.15
								Total	11.08

BAR LIST-EACH FOUNDATION
(Includes shaft & Median Foundation)

Bar	Number	Size	Length	Shape
v(E)	16	#29	D less 127	—
#13 bar spiral (E) - see "SIDE ELEVATION"				

BAR LIST-MEDIAN FOUNDATION

Bar	Number	Size	Length	Shape
s(E)	6	#15	7.00	□
h(E)	4	#20	1.85	—
u(E)	16	#15	4.57	□



SIGNING SHEET 69 OF 83

**CANTILEVER SIGN STRUCTURES
DRILLED SHAFT
STEEL TRUSS & STEEL POST**

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
W.B. I-74 STA. 143+740
S.N. 4C0721074L089.3

PEORIA CO., IL.

DATE: 11-11-04

FOUNDATION DESIGN TABLE									
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-S	OSC-S-4(M)	7.6	15.8	0.92	4.7	8	51	560	
II-C-S	OSC-S-5(M)	9.2	15.8	1.07	4.6	12	51	762	
II-C-S	OSC-S-5(M)	9.2	31.6	1.07	6.6	12	51	762	
III-C-S	OSC-S-5(M)	10.7	15.8	1.07	5.8	12	51	762	
III-C-S	OSC-S-5(M)	10.7	23.2	1.07	6.9	12	51	762	
III-C-S	OSC-S-5(M)	10.7	37.2	1.07	8.1	12	51	762	
III-C-S	OSC-S-5(M)	12.2	37.2	1.07	9.1	12	51	762	

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