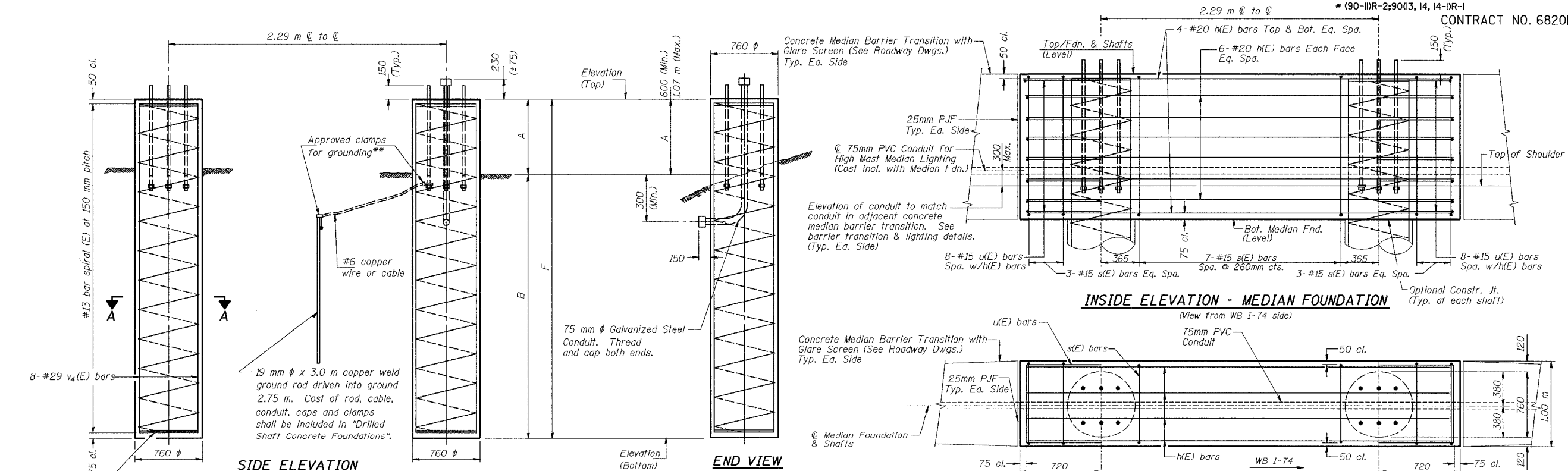


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

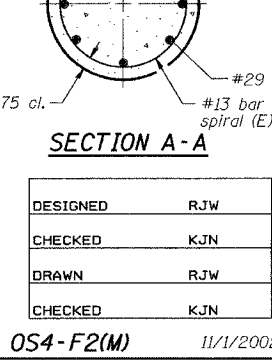
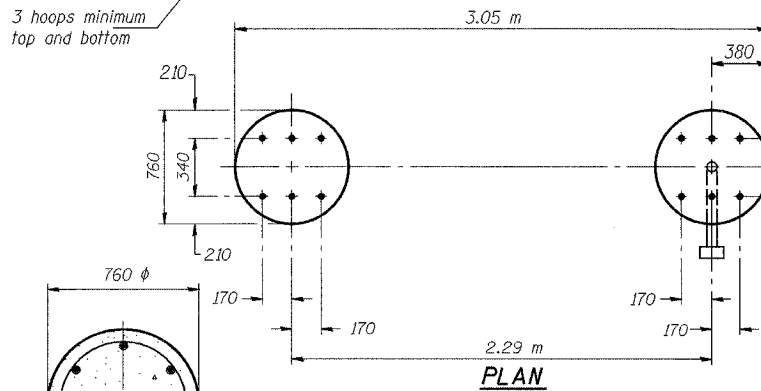
ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	TAZEWELL	1366	1313
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

For anchor rod size and placement, see Support Frame Detail Sheet.

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



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



NUMBER	REVISION	DATE

DESIGNED	RJW	2004
CHECKED	KJN	
DRAWN	RJW	
CHECKED	KJN	

Structure Number	Station	Left Foundation					Right Foundation					Class SI Concrete (cu. m.)	Rock Excav. For Struct. (cu. m.)	
		Elevation Top	Elevation Bottom	A (m)	B (m)	F (m)	Elevation Top	Elevation Bottom	A (m)	B (m)	F (m)			
4S0901074L095.3	153+410						152.764	141.500	1.000	10.264	11.264	10.22	3.44 (4)	
4S0901074L095.3	153+410	152.628	141.500	1.585 (1)	9.543	11.128						8.66 (2)	3.18 (4)	
Median Foundation (3)		152.628	151.043	1.585 (1)								5.91		
												Totals	24.79	6.62

**NOTES:**  
 The foundation dimensions shown 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 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.  
 Concrete shall be placed monolithically, without construction joints.  
 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.  
 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".

**BAR LIST-EACH FOUNDATION**  
 (Includes shafts @ Median Foundation)

Bar	Number	Size	Length	Shape
v <sub>4</sub> (E)	16	#29	D less 127	—
#13 bar spiral (E)				see "SIDE ELEVATION"

**BAR LIST-MEDIAN FOUNDATION**

Bar	Number	Size	Length	Shape
s(E)	13	#15	5.02	□
h(E)	20	#20	3.58	—
u(E)	16	#15	2.17	□

- "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".
- Estimated quantity for drilled shafts installed through shale, sandstone and/or coal layers. See Soil Boring Logs on Signing Sheet 73 of 74.

SIGNING SHEET 62 OF 74

**OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS**

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN  
W.B. I-74 STA. 153+410, S.N. 4S0901074L095.3

TAZEWELL CO., IL.      DATE: 12-20-04

M:\Proj\3573\Sign Structures\Contract II\sp101-7Aoh-stf.dgn

OS4-F2(M)      11/1/2002

**DETAILS FOR DN 200 SUPPORT FRAME  
TYPE I-S TRUSS**