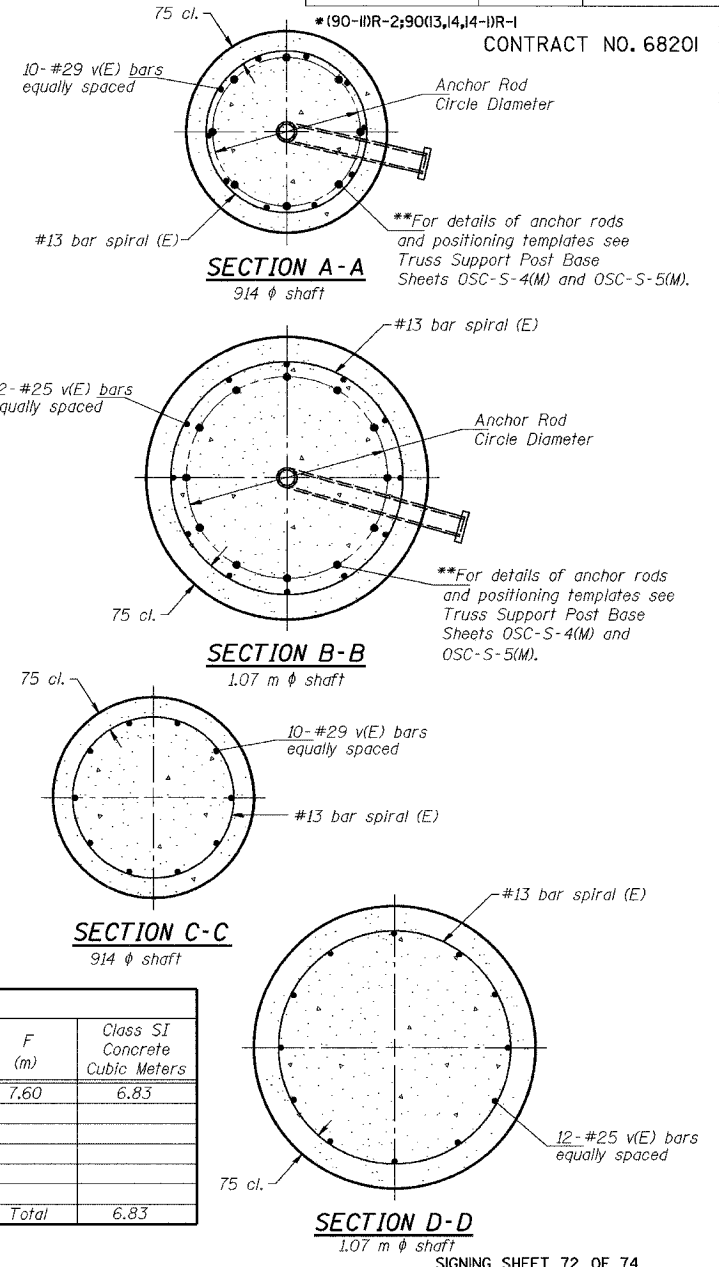
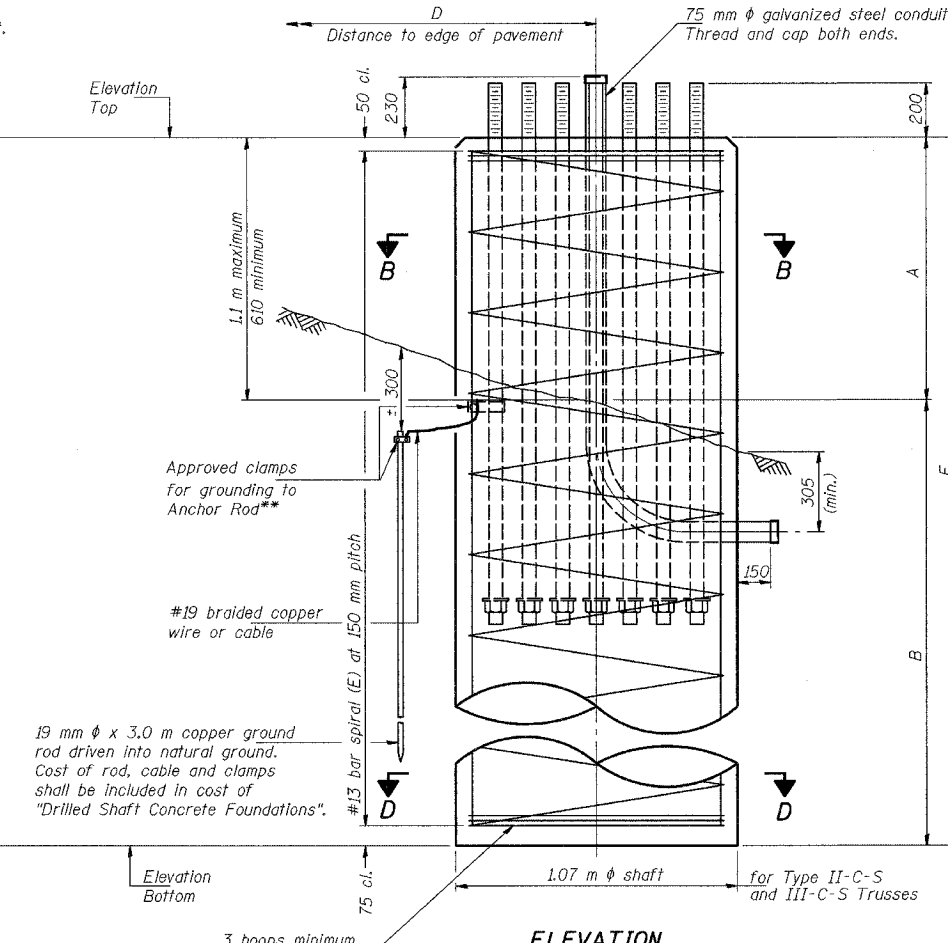
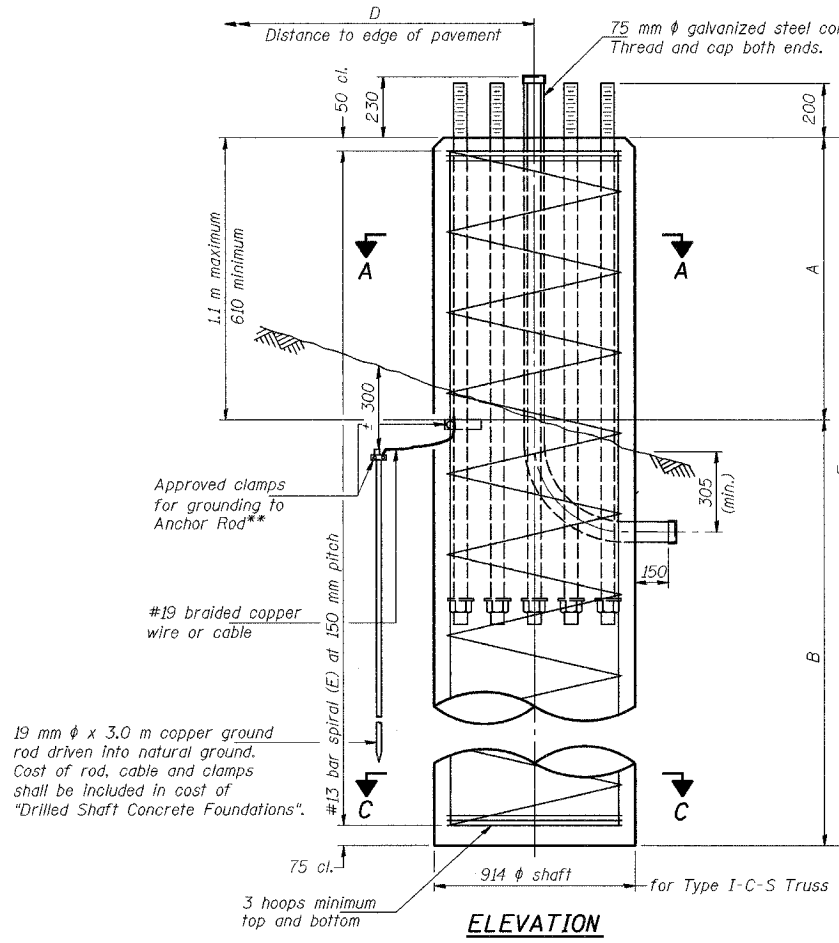


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|-----------------|---------|----------|--------------|-----------|
| ROUTE No. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAI 74 | * | TAZEWELL | 1366 | 1323 |
| STA. | | TO STA. | | |
| F.H.W.A. REGION | | ILLINOIS | PROJECT | |

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



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. 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 Foundation".

| Structure Number | Station | Truss Type | Shaft Diameter (m) | Elevation Top | Elevation Bottom | A (m) | B (m) | F (m) | Class SI Concrete Cubic Meters |
|------------------|---------|------------|--------------------|---------------|------------------|-------|-------|-------|--------------------------------|
| 4C0901074L095.6 | 153+772 | II-C-S | 1.07 | 153.382 | 145.782 | 1.00 | 6.60 | 7.60 | 6.83 |
| | | | | | | | | | Total |

| 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) | |
| 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 |
| III-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 |

| | | |
|----------|-----|----------|
| DESIGNED | RJW | 2004 |
| CHECKED | KJN | EXAMINED |
| DRAWN | RJW | PASSED |
| CHECKED | KJN | |

ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

| NUMBER | REVISION | DATE |
|--------|----------|------|
| | | |

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

CANTILEVER SIGN STRUCTURES
DRILLED SHAFT
STEEL TRUSS & STEEL POST

ILLINOIS DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
W.B. I-74 STA. 153+772, S.N. 4C0901074L095.6

TAZEWELL CO., IL.

DATE: 12-20-04

M:\Proj\3573\Sign Structures\Contract 11\sp102-7Acant-sfl.dgn