STA. 2200+00.00 TO STA. 2362+00.00 *Grind anchor rod to bright finish at ground clamp location before FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT installing clamp. * (1516.1, 1717 & 1818) R-8 3'' 🛊 galvanized steel conduit. " ϕ galvanized steel conduit. Distance to edge of traveled way hread and cap both ends. Distance to edge of traveled way (For D Dimension, see OSC-A-1) hread and cap both ends. -#4 bar spiral (E) (For D Dimension, see OSC-A-1) Elevation | 10-#9 v(E) b<u>ars</u> Top Anchor Rod equally spaced Circle Diameter *For details of anchor rods and positioning templates see Truss Support Post Base SECTION A-A Sheets OSC-A-4 and OSC-A-5. THE -#4 bar spiral (E) 12-#8 v(E) b<u>ars</u> equally spaced Anchor Rod THE MAN Time! Circle Diameter Approved clamps Approved clamps for grounding to Anchor Rod* for grounding to Anchor Rod* *For details of anchor rods #6 braided copper #6 braided copper and positioning templates see wire or cable wire or cable Truss Support Post Base Sheets OSC-A-4 and OSC-A-5. SECTION B-B 34" \$ x 10'-0" copper ground 34" \$ x 10'-0" copper ground rod driven into natural ground. rod driven into natural ground. 10-#9 v(E) bars Cost of rod, cable and clamps Cost of rod, cable and clamps equally spaced shall be included in cost of shall be included in cost of "Drilled Shaft Concrete Foundations". "Drilled Shaft Concrete Foundations". #4 bar spiral (F) 3" cl. 🗐 3'-0" \$\phi\$ shaft Elevation 3'-6" ∮ shaft <u>fo</u>r Type II-C-A and III-C-A Trusses 3 hoops minimum Bottom top and bottom -#4 bar spiral (E) **ELEVATION** 3 hoops mini<u>mum</u> **ELEVATION** NOTES: SECTION C-C top and bottom The foundation dimensions shown in the Foundation Design Table are based on the presence of 3'-0" \$ shaft mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, 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 Class SI Shaft Foundation Data Table will be the result of site specific designs. Structure Elevation Elevation Station Concrete Number Туре liamete Тор Bottom ubic Yard to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by 1001610941.062.4 2228+81 0.80 - 31.95 11.67 more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference. 12-#8 v(E) bars No sonotubes or decomposable forms shall be used below the lower conduit entrance. equally spaced 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. SECTION D-D 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 Seater application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included FOUNDATION DESIGN TABLE Post Base Maximum Maximum Shaft Anchor Rods Anchor Rod in "Drilled Shaft Concrete Foundation". Туре Sheet intileverLength Total Sign Area Diameter Depth Diameter Circle Diamete No. (ft)(sq ft) (ft) (ft) (in) (in) 0SC-A-5 0SC-A-5 400 OSC-A-9 11/1/2002

TYLININTERNATIONAL

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

CANTILEVER SIGN STRUCTURES DRILLED SHAFT ALUMINUM TRUSS & STEEL POST

SCALE: AS NOTED
DATE: MARCH 18, 2005

REVISED

DRAWN BY: AMB
CHECKED BY: TB

COUNTY TOTAL SHEET SHEETS NO.

860 695

62694

COOK

SECTION