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

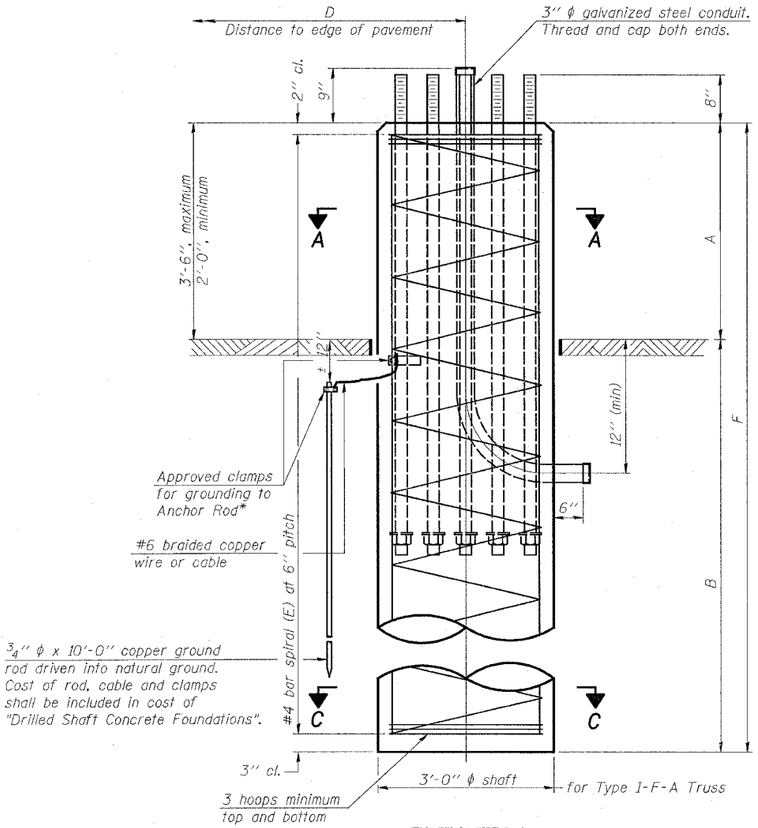
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

** DIST 8 ITS 2006-2
*** MADISON & ST. CLAIR & CITY OF ST. LOUIS, MO

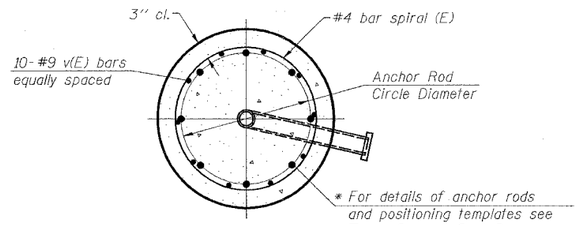
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55/70	**	***	52	51
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
6 SHEETS

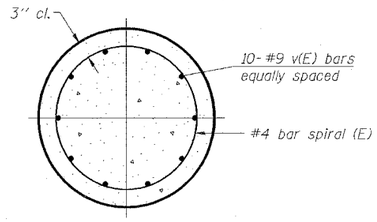
Contract #76973



ELEVATION



SECTION A-A
3'-0" ϕ shaft



SECTION C-C
3'-0" ϕ shaft

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 (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 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 12" 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 Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

FOUNDATION DATA TABLE

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	A	B	F	Class SI Concrete Cubic Yards

NUMBER	REVISION	DATE

FOUNDATION DESIGN TABLE

Truss Type	Post Base Sheet	Maximum CantileverLength (ft)	Maximum Total Sign Area (sq ft)	Shaft Diameter (in)	"B" Depth (ft)	Anchor Rods No.	Anchor Rods Diameter (in)	Anchor Rod Circle Diameter (in)
I-F-A	OSF-A-4	10	200	3.0	17'-6"	8	2	22

DESIGNED -
CHECKED -
DRAWN -
CHECKED -

- 200

EXAMINED
ENGINEER OF BRIDGE DESIGN

PASSED
ENGINEER OF BRIDGES AND STRUCTURES

OSF-A-9-VMS 1-7-05

BUTTERFLY SIGN STRUCTURES
DRILLED SHAFT FOR FRONT ACCESS VMS
ALUMINUM TRUSS & STEEL POST

FAI 55/70
SECTION DIST 8 ITS 2006-2
MADISON AND ST. CLAIR COUNTY
AND ST. LOUIS, MO

PLOT DATE = 5/23/2006
FILE NAME = c:\projects\vedl605\electrical\tsplan166.dgn
PLOT SCALE = 1024.623 ' / IN.
REFERENCE = REF