PRINTED: 10/12/02

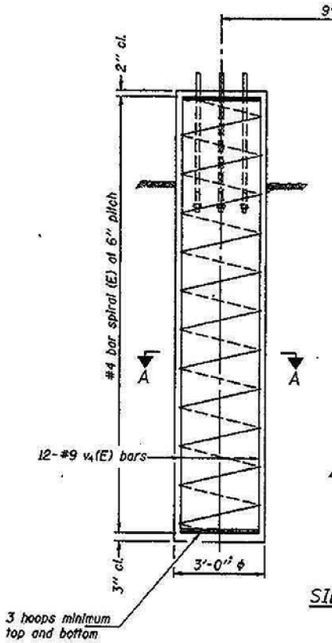
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	04 I-74 ITS SYSTEM-1	PEORIA/ TAZEWELL	98	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

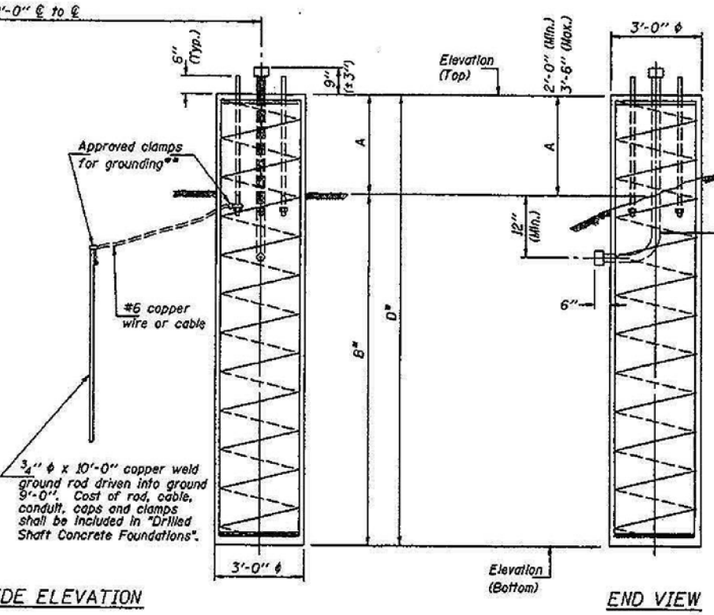
FOR INFORMATION ONLY

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

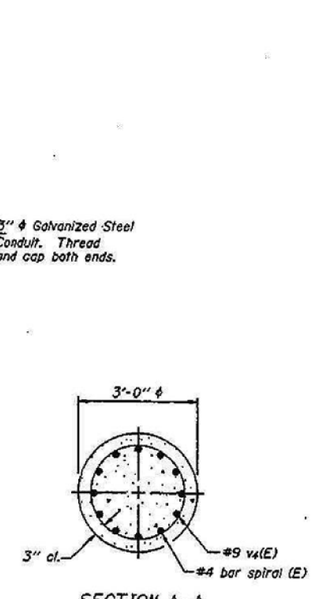
**Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.



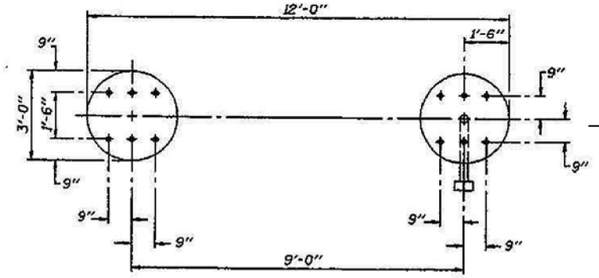
SIDE ELEVATION



END VIEW



SECTION A-A



PLAN

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	24	#9	D less 5"	——
#4 bar spiral (E) - see "SIDE ELEVATION"				

NOTES:

The foundation details shown are based on common cohesive soil conditions (silty or sandy clay) with an average Qu ≥ 1.25 ton/sq. ft. for all strata within and below the "B" portion of the foundation. "Qu", the soil's unconfined compressive strength, shall be determined by the Engineer from either hand penetrometer readings during construction or previous soil investigations at the site. For lower soil strengths or different soil types, the Engineer shall review pertinent data and determine any required revisions to the diameter, depth, reinforcement or configuration of the foundation. If changes are required by the Engineer, or if dimensions "B" and "D" are increased more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

Backfill shall be placed per Article 502 of Standard Specifications, and prior to erection of support frame.

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 Foundations".

Structure Number	Station	B	Left Foundation				Right Foundation				Class SI Concrete (Cu. Yds.)
			Elevation Top	Elev. Bottom*	A	D*	Elevation Top	Elev. Bottom*	A	D*	
450901074R101.3	495+00	18'-0"	102.55	82.55	2'-0"	20'-0"	102.64	82.64	2'-0"	20'-0"	21
450721074L083.5	166+25	18'-0"	104.66	84.66	2'-0"	20'-0"	104.45	84.45	2'-0"	20'-0"	21

*If soil conditions dictate (see notes), Engineer may direct changes to dimensions "B" and "D". Actual field values of "B", "D" and "Elevation Bottom" shall be entered in table for permanent record, with copy to District Operations.

ITS SHEET 36 OF 98

OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 74
D4 I-74 ITS SYSTEM-1
PEORIA & TAZEWELL COUNTIES

10/14/02

EDWARDS AND KELCEY

DESIGNED	TCG
CHECKED	AJN
DRAWN	ABW
CHECKED	TCG

0S4-F4 7/1/2001

CONTRACT SC1

NUMBER	REVISION	DATE

DETAILS FOR 12" ϕ SUPPORT FRAME
TYPE III-A TRUSS

FILE NAME = p:\i-74 & i-155 interchange\its plans\68620 - I-155 @ I-74 Interchange ITS (Final 6-12-02).dgn	USER NAME = howalder	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 89.5781 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/14/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN STRUCTURE AND DMS DETAILS
I-74 & WASHINGTON BLACKTOP (CONTINUED)

SCALE: NONE | SHEET NO. 37 OF XX SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-E14R;(14HB-4,14,14HVB)BR1	TAZEWELL	2433	1701
		CONTRACT NO. 68620		
		ILLINOIS	FED. AID PROJECT	