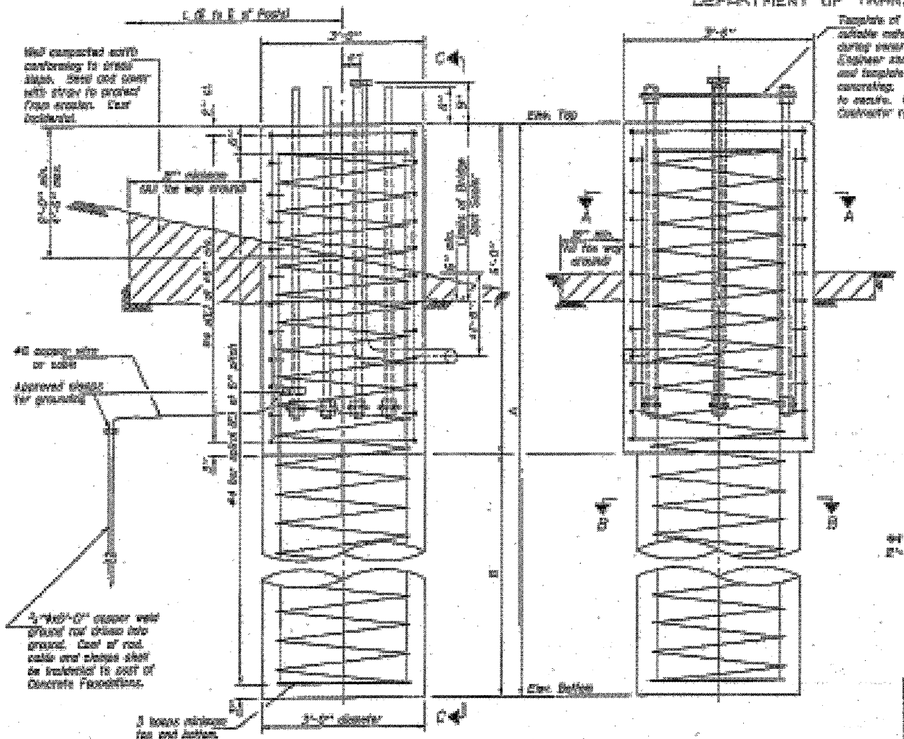
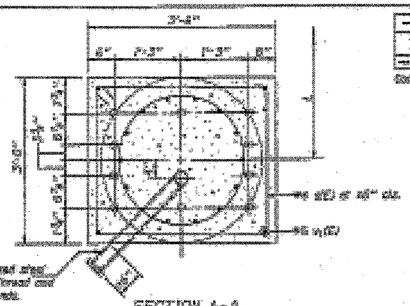
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

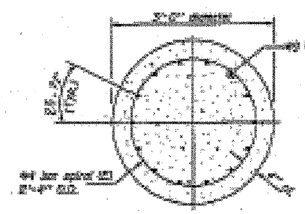


ELEVATION
(Looking parallel to ℄ Roadway)

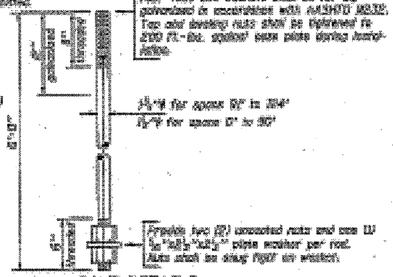
VIEW C-C
(Looking toward Roadway)



SECTION A-A



SECTION B-B



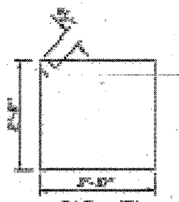
ANCHOR BOLT DETAILS

AASHTO M314 Grade 55. Minimum Charge V-notch energy requirement of 15 ft.-lbs. at +10° F. before galvanizing. No welding is permitted on rods. Galvanize upper 12" in accordance with AASHTO M232.

Sign Structure Number	Station	B	Anchor Bolt Size	Left Foundation Elev. Top	Left Foundation Elev. Btm.	Left Foundation A	Right Foundation Elev. Top	Right Foundation Elev. Btm.	Right Foundation A	Class SI Concrete

BAR LIST-EACH FOUNDATION

Bar	No.	Size	Length	Shape
a(E)	12	#4	11'-5"	
b(E)	14	#8	8'-(3'-7")	
c(E)	4	#6	5'-3"	
#4 bar spiral (E)-see Elevation				



BAR a (E)

DEPTH TABLE

Span	B (min.)
30'	20'
40'	15'
50'	16'
60'	17'
70'	18'
80'	20'

NOTES:
The Foundation details shown are for Average Cohesive Soil Conditions (SPT) clays, sandy clayey and with minimum Qu=1.0 Tons/Sq. Ft., with "Qu" being the average value of various depths of the shaft as determined by previous soil borings.
Cost of excavation, reinforcement, anchor bolts, conduit, concrete, Bridge Seat Sealer and associated work is incidental to "Drilled Shaft Concrete Foundations".

OVERHEAD SIGN STRUCTURES
FOUNDATION DETAILS

DESIGNED -
CHECKED -
DRAWN -
CHECKED -

DESIGNED
CHECKED
PASSED

05-5-6 SPECIAL