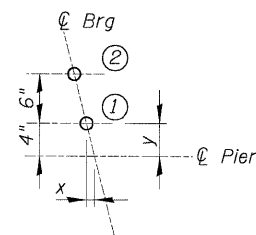
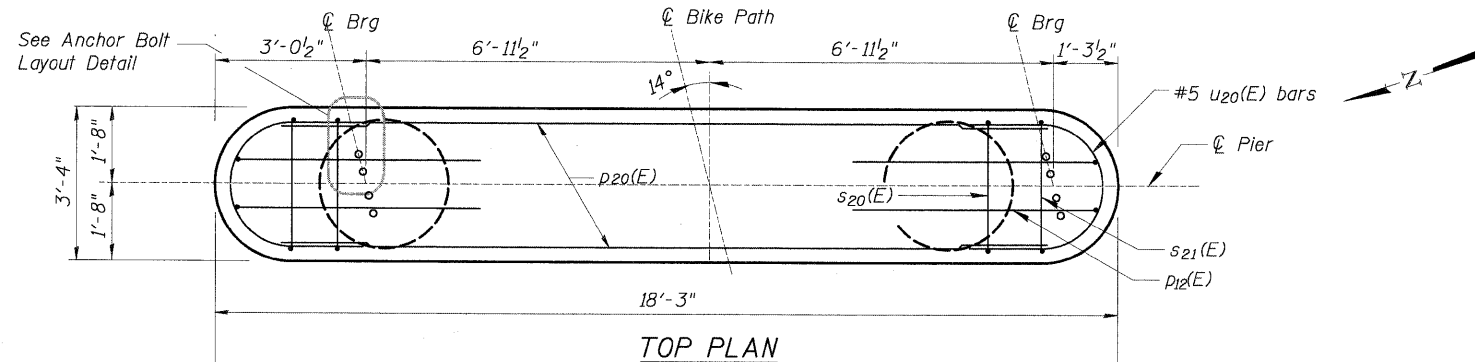


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

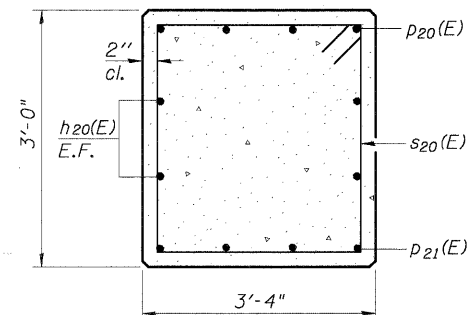
	x	y
1	1"	4"
2	2.5"	10"



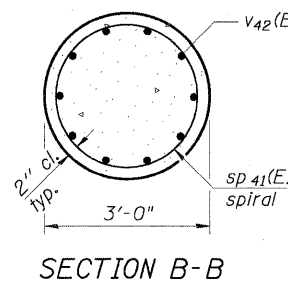
ANCHOR BOLT LAYOUT DETAIL



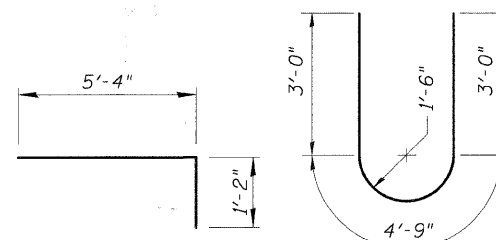
TOP PLAN



SECTION A-A

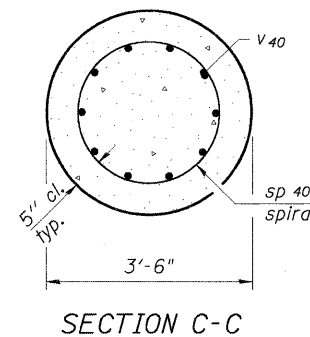


SECTION B-B

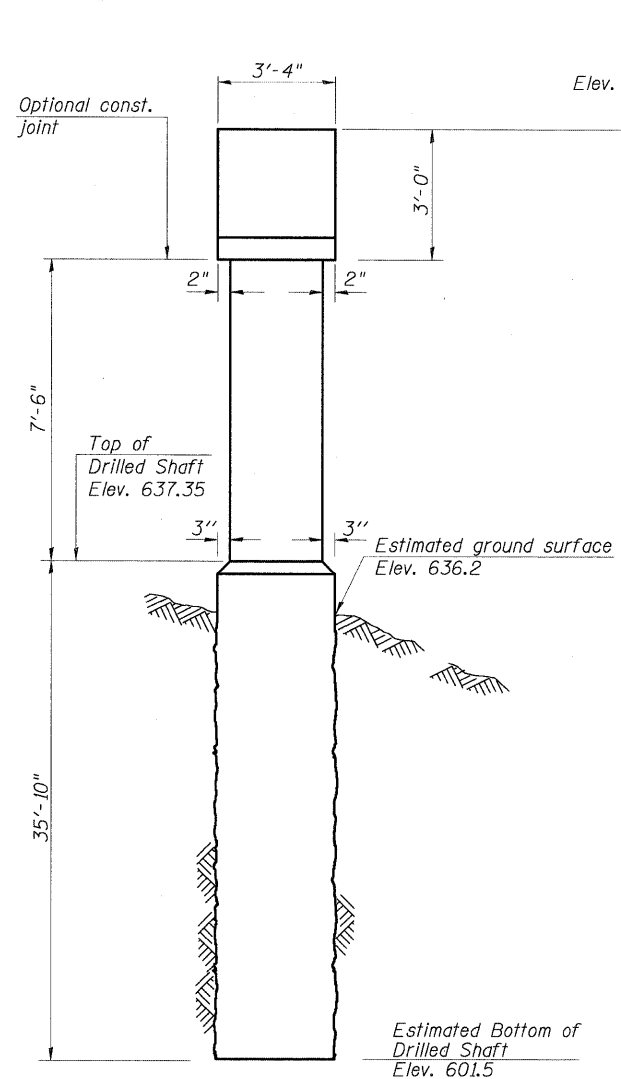


BAR p12(E)

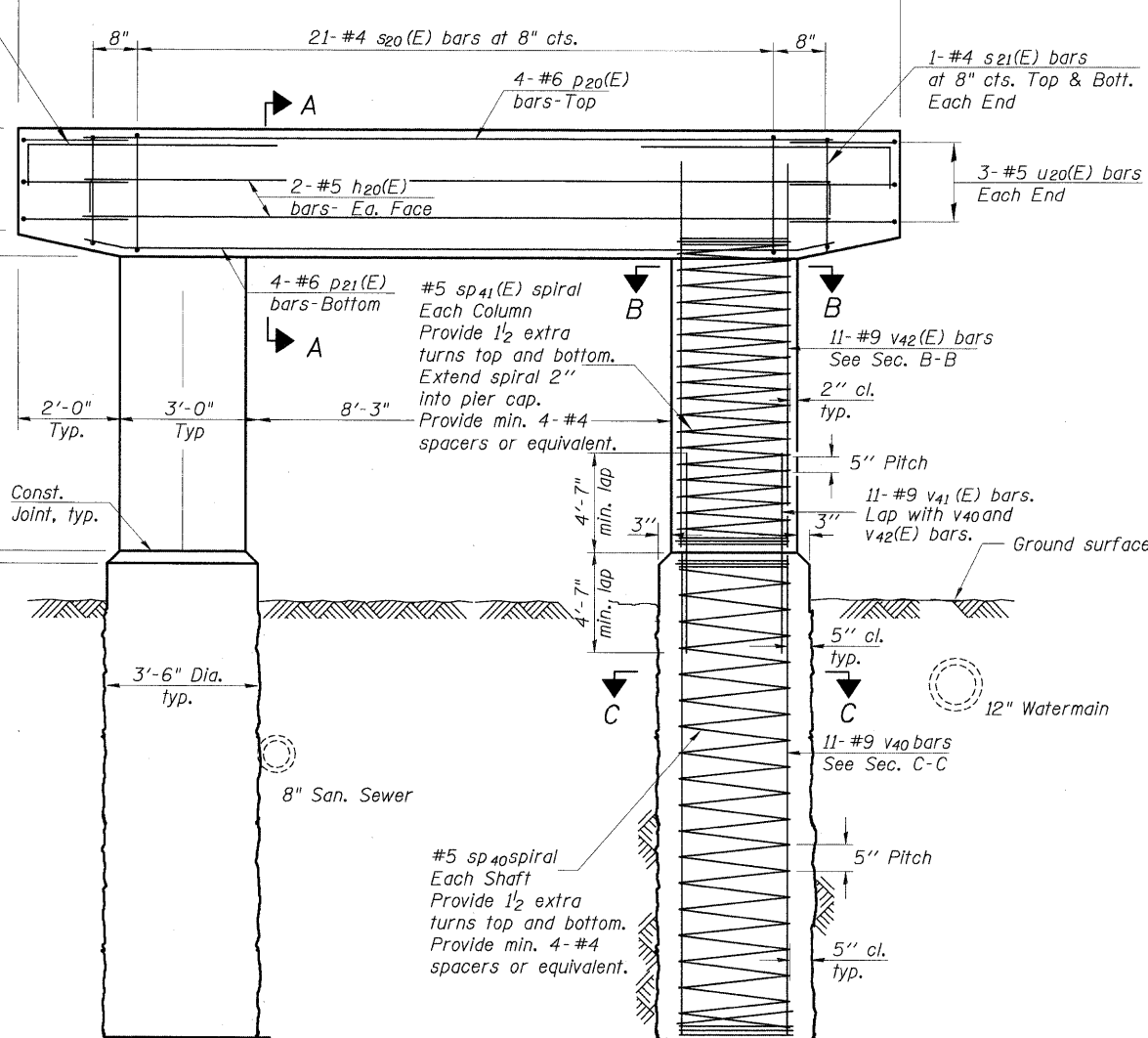
BAR u20(E)



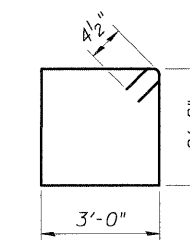
SECTION C-C



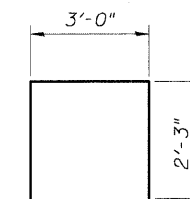
END VIEW



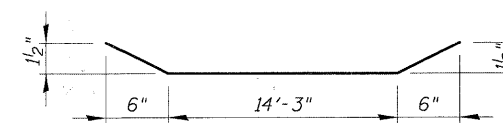
ELEVATION
(Looking East)



BAR s20(E)



BAR s21(E)



BAR p21(E)

BILL OF MATERIAL

Bar No.	Size	Length	Shape
h20(E)	#5	14'-11"	—
p12(E)	#7	6'-6"	—
p20(E)	#6	14'-11"	—
p21(E)	#6	15'-3"	—
s20(E)	#4	12'-1"	□
s21(E)	#4	7'-6"	□
sp40	#5	35'-10"	⋈
sp41(E)	#5	7'-9"	⋈
u20(E)	#5	10'-9"	U
v40	#9	35'-10"	—
v41(E)	#9	9'-6"	—
v42(E)	#9	10'-2"	—
Concrete Structures	Cu. Yd.	10.6	
Reinforcement Bars, Epoxy Coated	Pound	1660	
Reinforcement Bars	Pounds	2870	
Drilled Shaft in Soil	Cu. Yd.	26	

Space cap reinforcement to miss anchor bolts.
Minimum lap for spirals = 2'-6"
** Length is height of spiral.

* If the prevailing water surface elevation during construction is consistently different than estimated on the plans, the contractor may propose an adjustment to the top of the drilled shaft elevation as part of their installation procedure. The top of all drilled shafts within a substructure unit shall be constructed to the same elevation and extend above the prevailing water surface. The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. S-7 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1257	04-00038-03-BR	LAKE	44	26
	CONTRACT NO. 63408				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

PIER 4 DETAILS
DEERFIELD ROAD BIKE PATH
OVER DES PLAINES
SEC. 04-00038-03-BR
LAKE COUNTY
STATION 4+77.30
STRUCTURE NO.