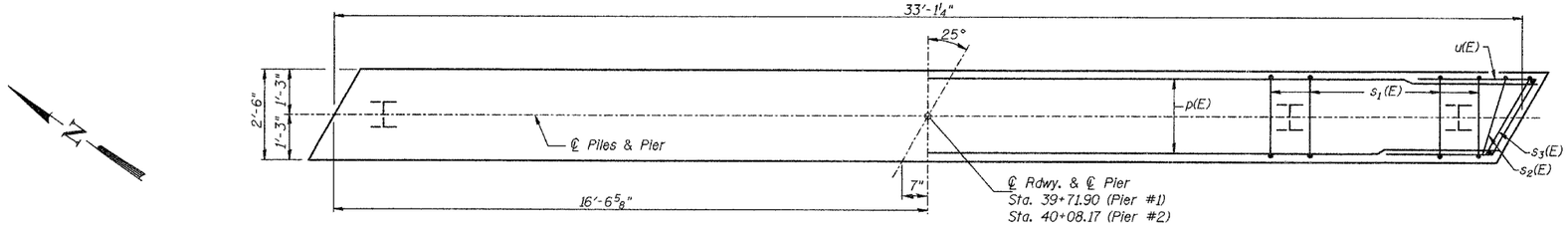
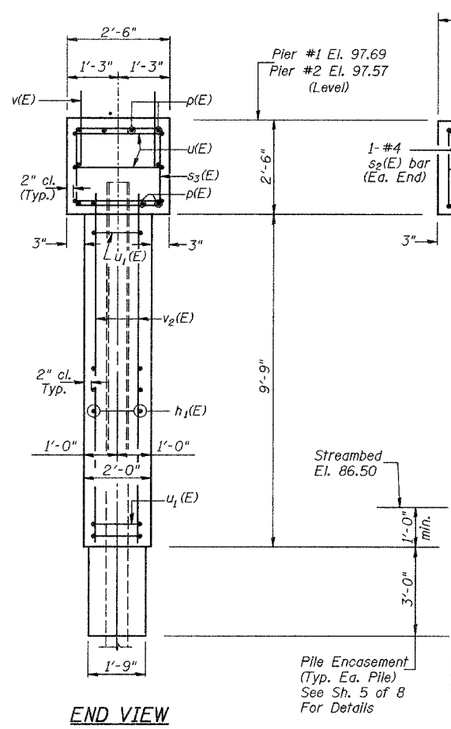
NOTES:
All edges shall have standard $\frac{3}{4}$" chamfer.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 9	*	IROQUOIS	17	12
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	BRS-334(112)
*04-00052-03-BR			CONTRACT #87357	

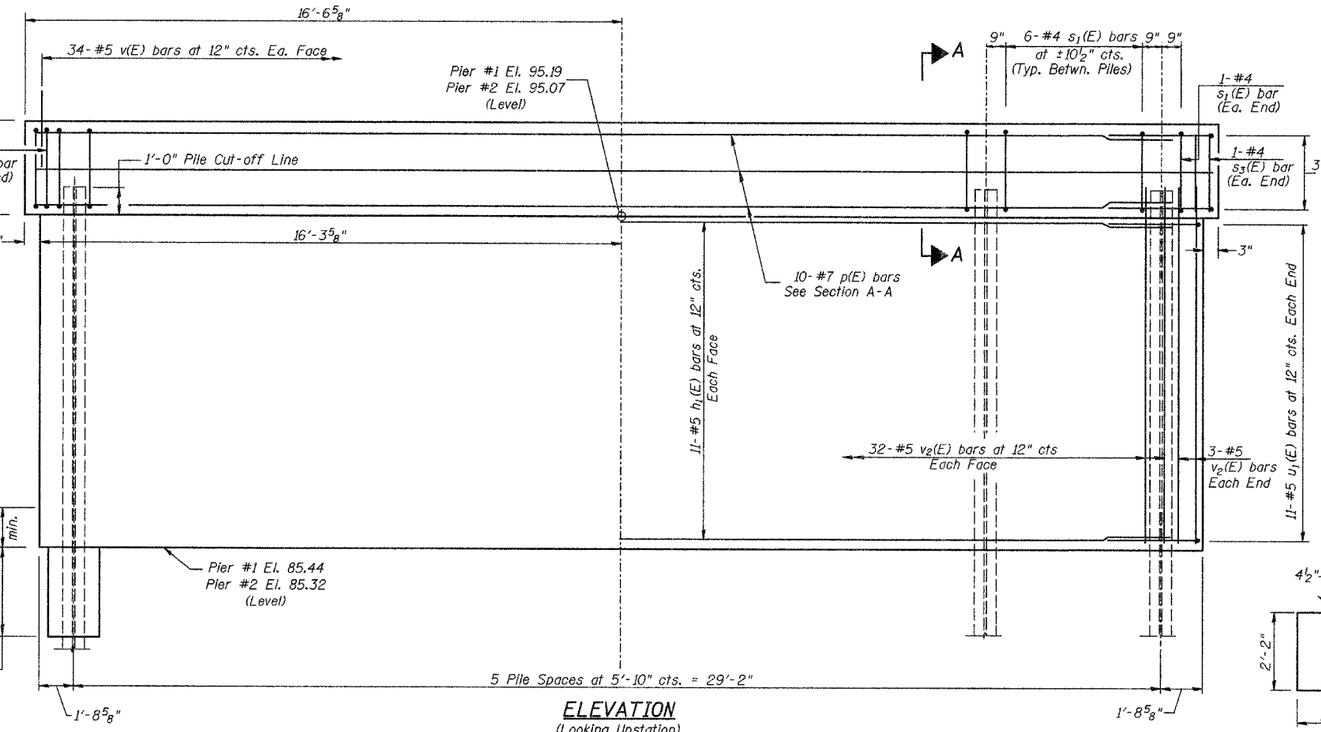
SHEET NO. 6 OF 8 SHEETS



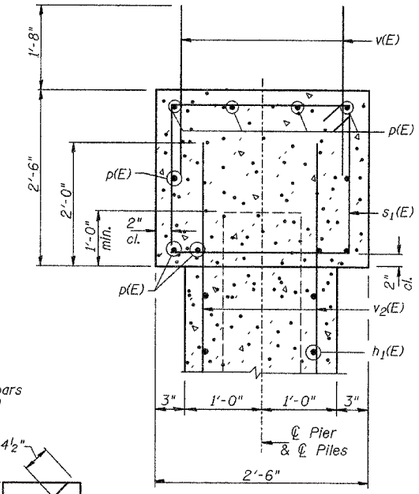
TOP PLAN



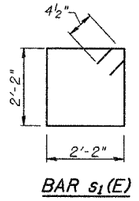
END VIEW



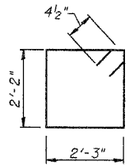
ELEVATION
(Looking Upstation)



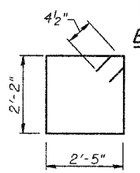
SECTION A-A



BAR $s_1(E)$



BAR $s_2(E)$



BAR $s_3(E)$

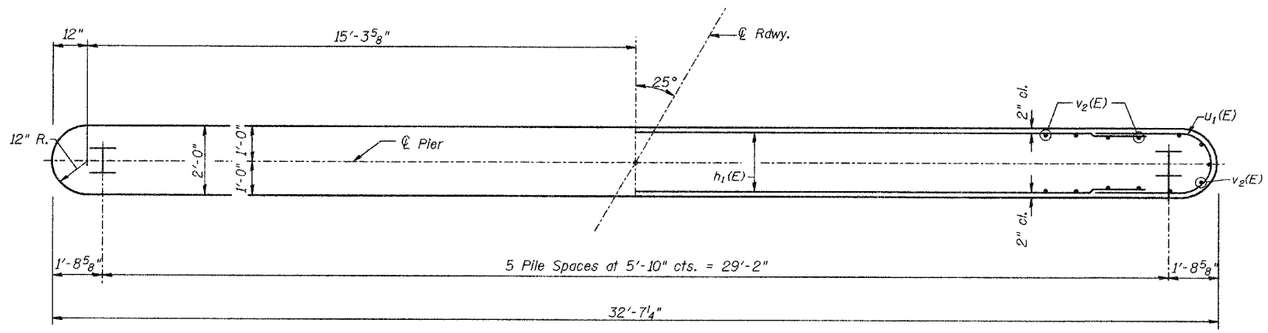
TWO PIERS
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
$h_1(E)$	44	#5	30'-4"	——
p(E)	20	#7	32'-10"	——
$s_1(E)$	64	#4	9'-5"	□
$s_2(E)$	4	#4	9'-7"	□
$s_3(E)$	4	#4	9'-11"	□
u(E)	12	#6	11'-4"	
$u_1(E)$	44	#5	6'-8"	
v(E)	136	#5	3'-4"	——
$v_2(E)$	140	#5	11'-7"	——
Concrete Structures			CU YD	61.8
① Reinforcement Bars, Epoxy Coated			POUND	5,860
Structure Excavation			CU YD	20
Furnishing Steel Piles HP10x42			FOOT	287
Driving Piles			FOOT	287
Test Pile Steel HP10x42			EACH	1
Concrete Encasement			CU YD	3.2
① Underwater Structure Excavation Protection, Location 1			EACH	1
① Underwater Structure Excavation Protection, Location 2			EACH	1

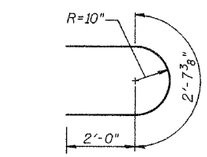
① See Special Provisions

PILE DATA

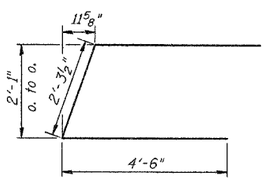
Type & Size: Steel HP10x42
Nominal Required Bearing: 336 kips
Allowable Resistance Available: 112 kips
Est. Length: 25' Pier #1
27' Pier #2
No. Req'd.: 12 (Includes 1 Test Pile at Pier #1)



FOOTING PLAN



BAR $u_1(E)$



BAR u(E)

PIERS
C.H. 9 OVER MUD CREEK
SECTION 04-00052-03-BR
IROQUOIS COUNTY
STATION 39+90.04

2261B006