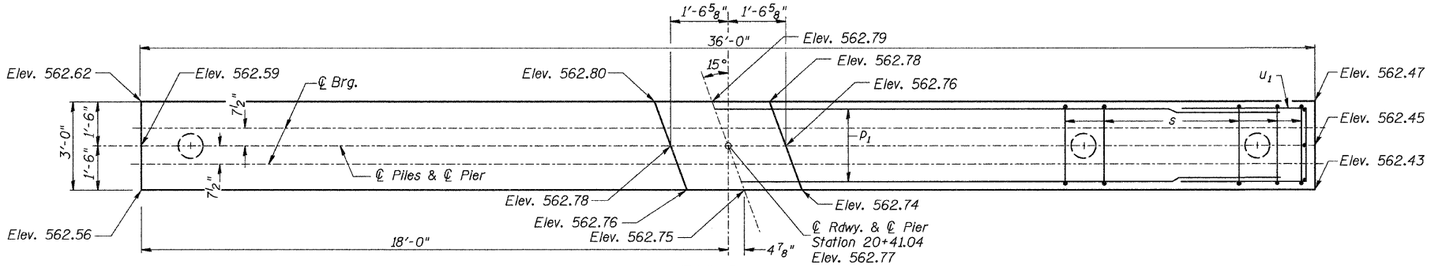
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 134A	*	MORGAN	28	17
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT BROS-0137(027)		

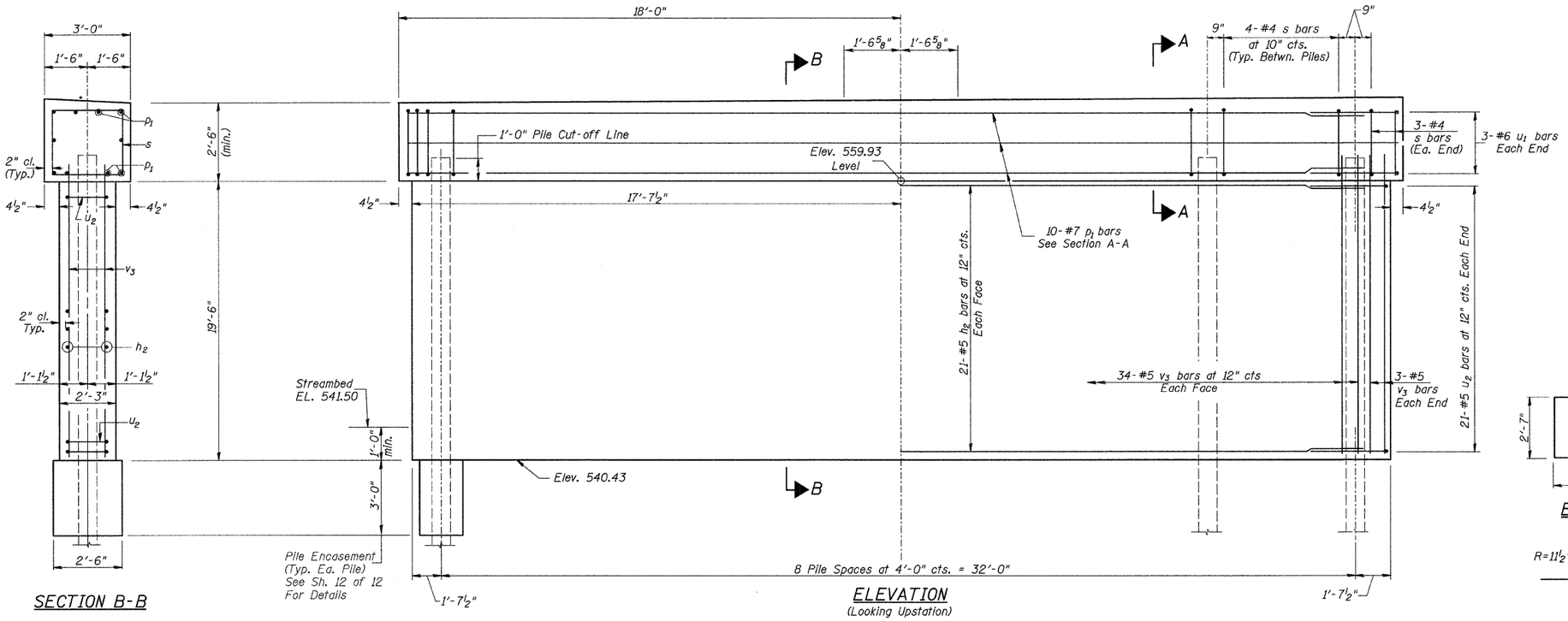
*06-06120-00-BR CONTRACT # 93481

SHEET NO. 11 OF 12 SHEETS

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

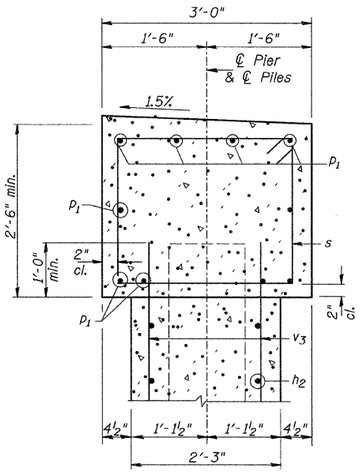


TOP PLAN

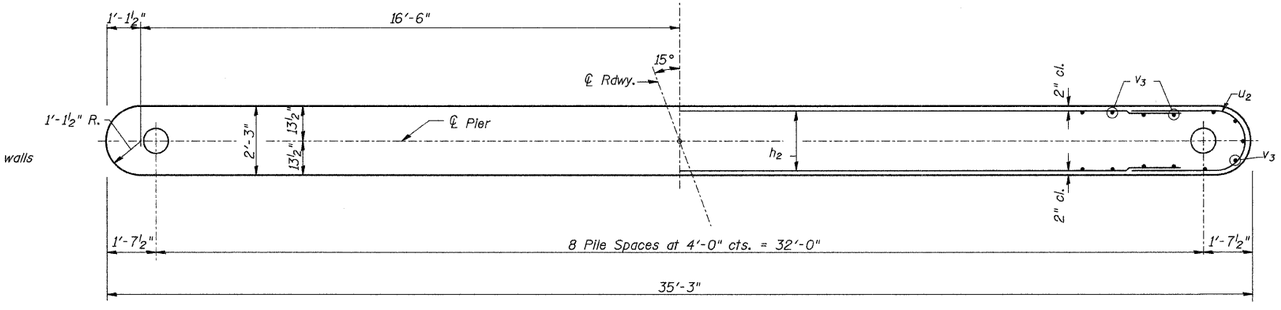


SECTION B-B

ELEVATION
(Looking Upstation)



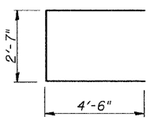
SECTION A-A



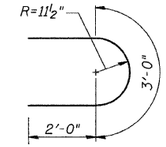
FOOTING PLAN

PILE DATA

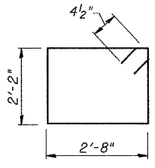
Type & Size: Metal Shell-14"ϕ x 0.312" walls w/ pile shoes
Nominal Required Bearing: 480 kips
Allowable Resistance Available: 160 kips
Est. Length: 75'
No. Req'd.: 9 (Includes 1 Test Pile)



BAR u_1



BAR u_2



BAR s

PIER #2
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h_2	42	#5	32'-8"	——
p_1	10	#7	35'-9"	——
s	38	#4	10'-5"	□
u_1	6	#6	11'-7"	⊏
u_2	42	#5	7'-0"	⊂
v_3	74	#5	20'-4"	——
Concrete Structures			CU YD	60.1
① Reinforcement Bars			POUND	4,410
Structure Excavation			CU YD	50
Furnishing Metal Shell Piles 14"			FOOT	600
Driving Piles			FOOT	600
Test Pile Metal Shells			EACH	1
Pile Shoes			EACH	9
Concrete Encasement			CU YD	3.8
① Underwater Structure Excavation Protection, Location 2			EACH	1

① See Special Provisions

PIER #2
TOWNSHIP ROAD 134A OVER MAUVAISE TERRE CREEK
SECTION 06-06120-00-BR
MORGAN COUNTY
STATION 20+00.00

2459B011