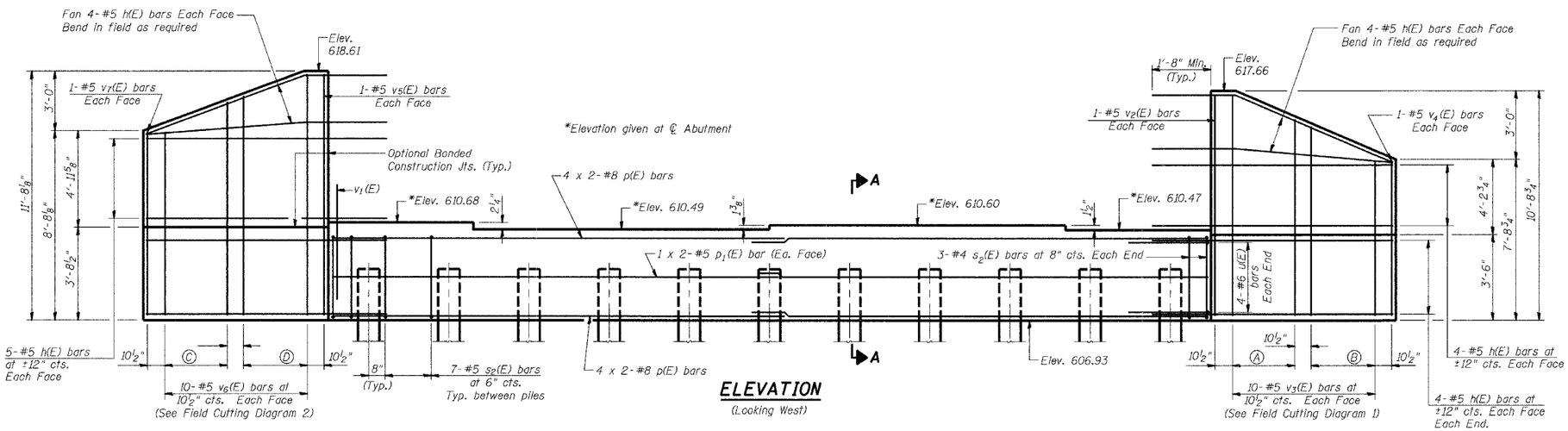
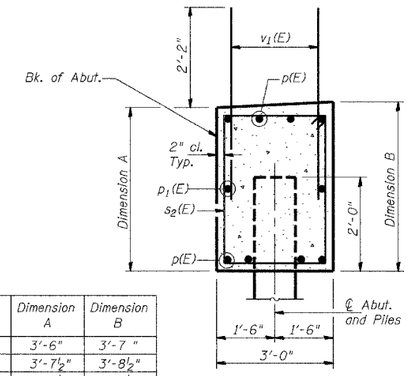
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6998	99-00209-02-PV	VERMILION	72	44
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

CONTRACT NO. 91356



ELEVATION

(Looking West)

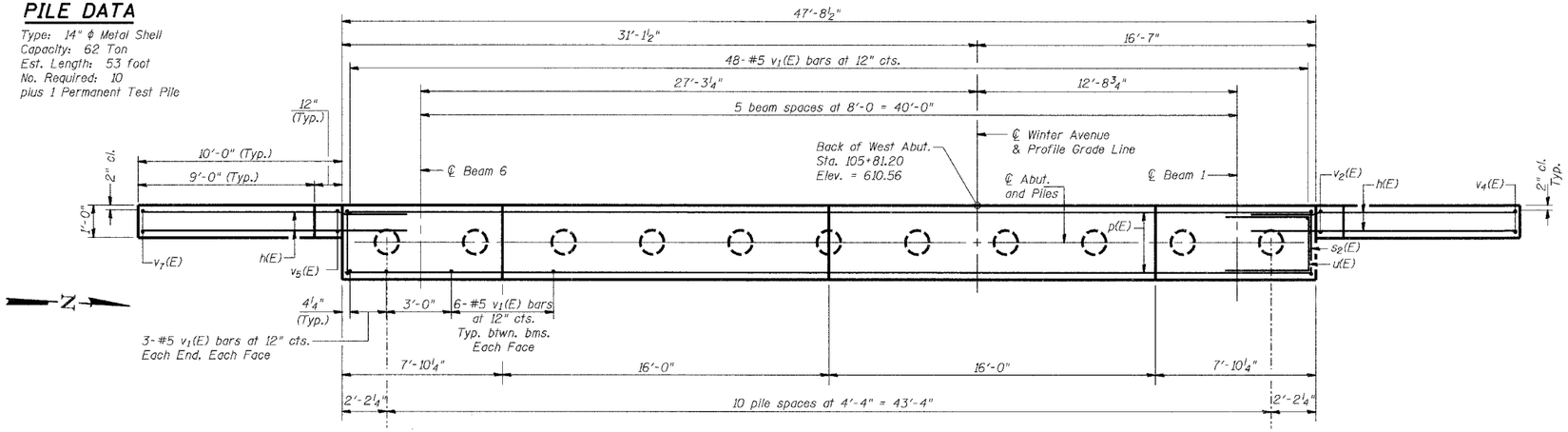


Beam	Dimension A	Dimension B
1	3'-6"	3'-7"
2 & 3	3'-7½"	3'-8½"
4 & 5	3'-6¼"	3'-7¼"
6	3'-8½"	3'-9½"

SECTION A-A

PILE DATA

Type: 14" ϕ Metal Shell
Capacity: 62 Ton
Est. Length: 53 foot
No. Required: 10
plus 1 Permanent Test Pile



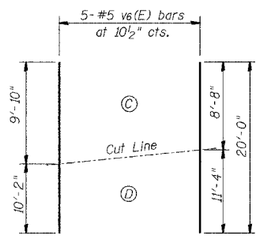
PLAN

MIN. BAR LAP

#5 = 2'-2"
#8 = 6'-4"

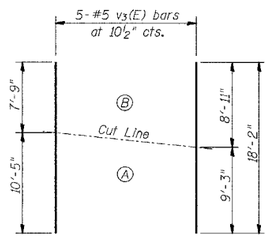
WEST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
h(E)	50	#5	12'-1"	
p(E)	16	#8	26'-11"	
p1(E)	4	#5	24'-10"	
s2(E)	76	#5	12'-7"	
u(E)	8	#6	8'-6"	
v1(E)	84	#5	4'-4"	
v2(E)	2	#5	10'-3"	
v3(E)	10	#5	18'-2"	
v4(E)	2	#5	7'-3"	
v5(E)	2	#5	11'-2"	
v6(E)	10	#5	20'-0"	
v7(E)	2	#5	8'-2"	
Concrete Structures		Cu. Yd.	26.5	
Reinforcement Bars Epoxy Coated		Pound	3840	
Structure Excavation		Cu. Yd.	224	
Metal Pile Shells 14"		Foot	530	
Test Pile Metal Shells		Each	1	



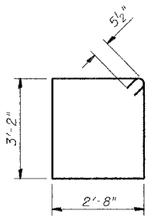
FIELD CUTTING DIAGRAM 2

Order $v_6(E)$ full length. Cut and place as shown.

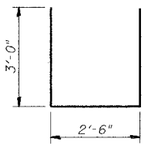


FIELD CUTTING DIAGRAM 1

Order $v_3(E)$ full length. Cut and place as shown.



BAR $s_2(E)$



BAR u(E)

Notes:

Pour steps monolithically with cap.

Reinforcement bars designated (E) shall be epoxy coated.

Bars indicated thus 4 x 2-#8 etc. indicates 4 lines of bars with 2 lengths per line.

WEST ABUTMENT

Date	Designed ACW	WINTER AVENUE OVER STONEY CREEK SECTION 99-00209-02-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 106+34.70 PROP. STR. NO. 092-6033	Sheet No. 13 of 21
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by: URS	3040 North University Avenue Decatur, Il. 62526		URS Job No. 36430866