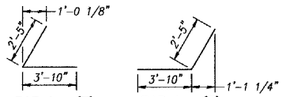
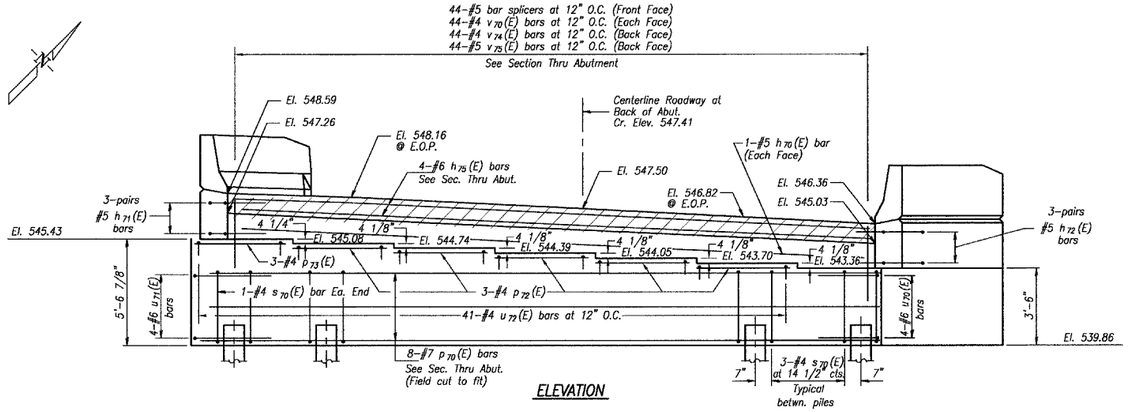
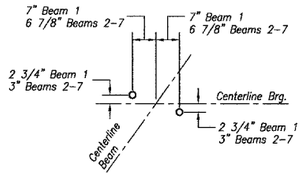


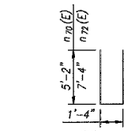
BAR $h_{71}(E)$ BAR $h_{72}(E)$ BAR $h_{74}(E)$



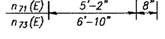
ELEVATION



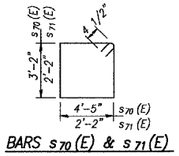
ANCHOR BOLT LAYOUT



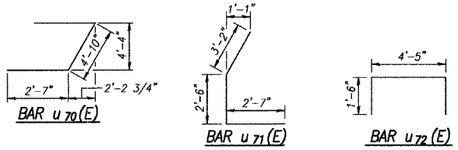
BARS $n_{70}(E)$ and $n_{72}(E)$



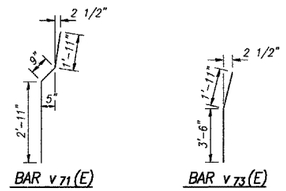
BARS $n_{71}(E)$ and $n_{73}(E)$



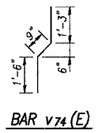
BARS $s_{70}(E)$ & $s_{71}(E)$



BAR $u_{70}(E)$ BAR $u_{71}(E)$ BAR $u_{72}(E)$



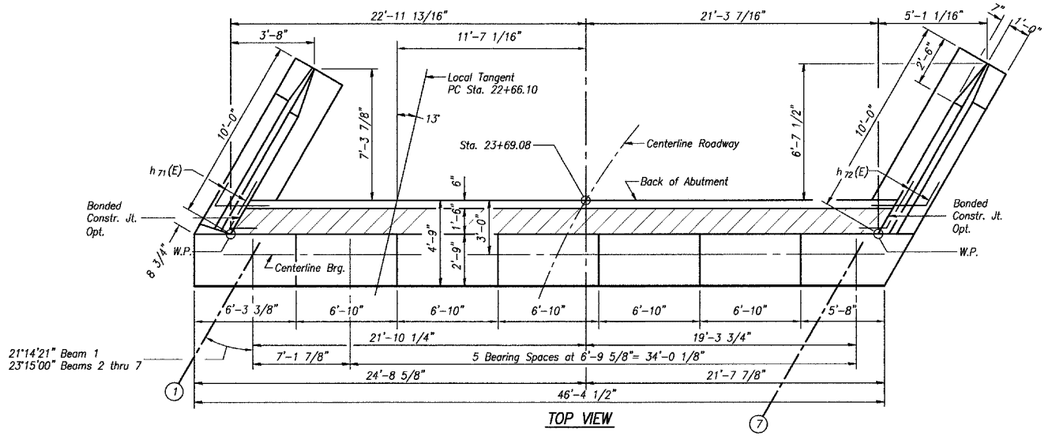
BAR $v_{71}(E)$ BAR $v_{73}(E)$



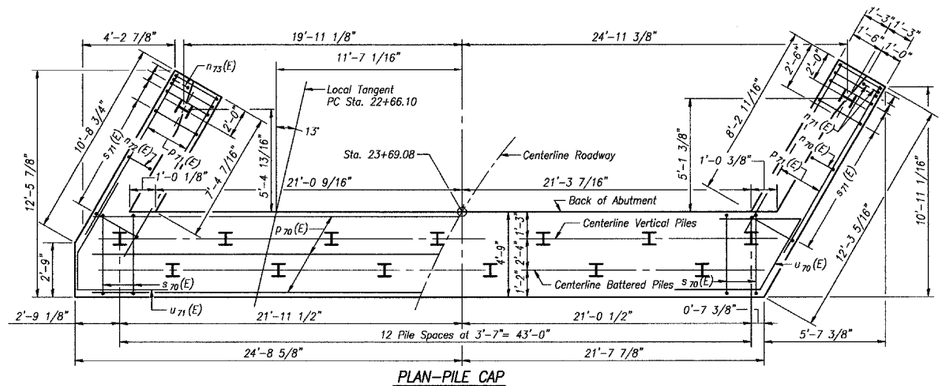
BAR $v_{74}(E)$

PILE DATA

Type: Steel HP 10 x 42
Required Bearing: Refusal
Est. Length: 26'
No. Required: 14 Plus
1 Test Pile



TOP VIEW



PLAN-PILE CAP

NOTE: WINGWALLS ARE NOT PARALLEL

NORTH ABUTMENT
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h_{70}(E)$	2	#5	44'-0"	
$h_{71}(E)$	6	#5	6'-3"	
$h_{72}(E)$	6	#5	6'-3"	
$h_{73}(E)$	18	#4	9'-9"	
$h_{74}(E)$	10	#4	9'-9"	
$h_{75}(E)$	4	#6	44'-0"	
$n_{70}(E)$	7	#6	11'-8"	
$n_{71}(E)$	6	#6	5'-10"	
$n_{72}(E)$	7	#6	16'-0"	
$n_{73}(E)$	6	#6	7'-6"	
$p_{70}(E)$	8	#7	47'-7"	
$p_{71}(E)$	12	#7	10'-1"	
$p_{72}(E)$	15	#4	6'-9"	
$p_{73}(E)$	3	#4	6'-1"	
$s_{70}(E)$	38	#4	15'-11"	
$s_{71}(E)$	20	#4	9'-5"	
$u_{70}(E)$	4	#6	10'-0"	
$u_{71}(E)$	4	#6	8'-3"	
$u_{72}(E)$	41	#4	7'-5"	
$v_{70}(E)$	88	#4	4'-10"	
$v_{71}(E)$	14	#6	5'-7"	
$v_{72}(E)$	20	#6	5'-5"	
$v_{73}(E)$	6	#6	5'-5"	
$v_{74}(E)$	44	#4	3'-6"	
$v_{75}(E)$	44	#5	2'-6"	
Structure Excavation		Cu. Yd.	37.1	
Concrete Structures		Cu. Yd.	51.8	
Reinforcement Bars, Epoxy Coated		Pound	3810	
Furnishing Steel Piles HP 10x42		Foot	364	
Driving Steel Piles		Foot	364	
Test Pile HP 10x42		Each	1	
Bar splicers		Each	44	

Reinforcement Bars designated (E) shall be epoxy coated.

NORTH ABUTMENT DETAILS
FAS 259 C.H. 3
OVER FOX RIVER
LA SALLE COUNTY
STA. 20+15.00
STRUCTURE NO. 050-3562

DRAWN BY: LAG	CAD: ABUTN	REVISIONS DATE	BY	SCALE: AS NOTED	SHEET 47
CHECKED BY: JKC	DATE: 02/03	3/08/04	NET	FILE NO.: 11174.01Y-1	OF 79