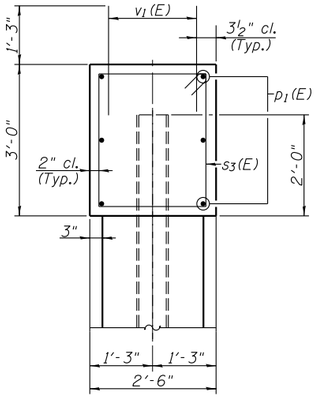
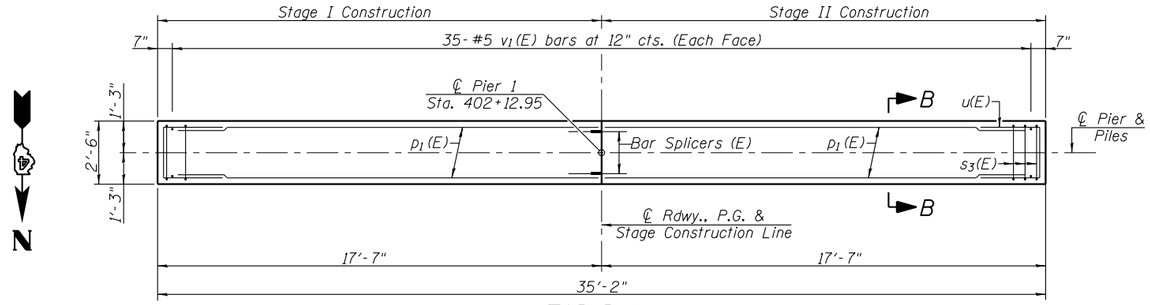
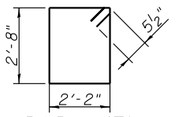


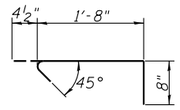
SECTION B-B



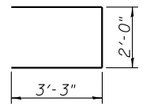
TOP PLAN



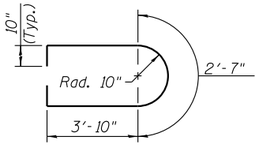
BAR s3(E)



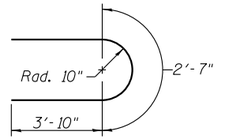
BAR s4(E)



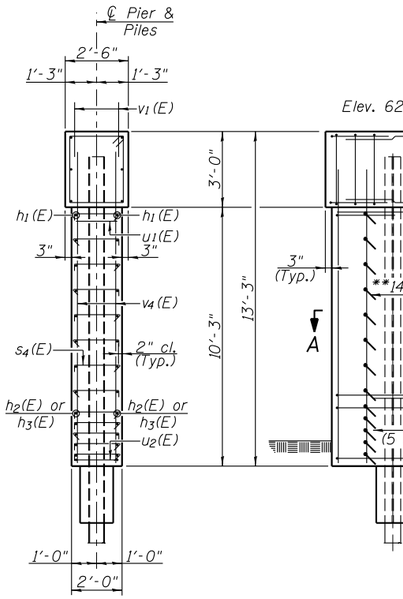
BAR u(E)



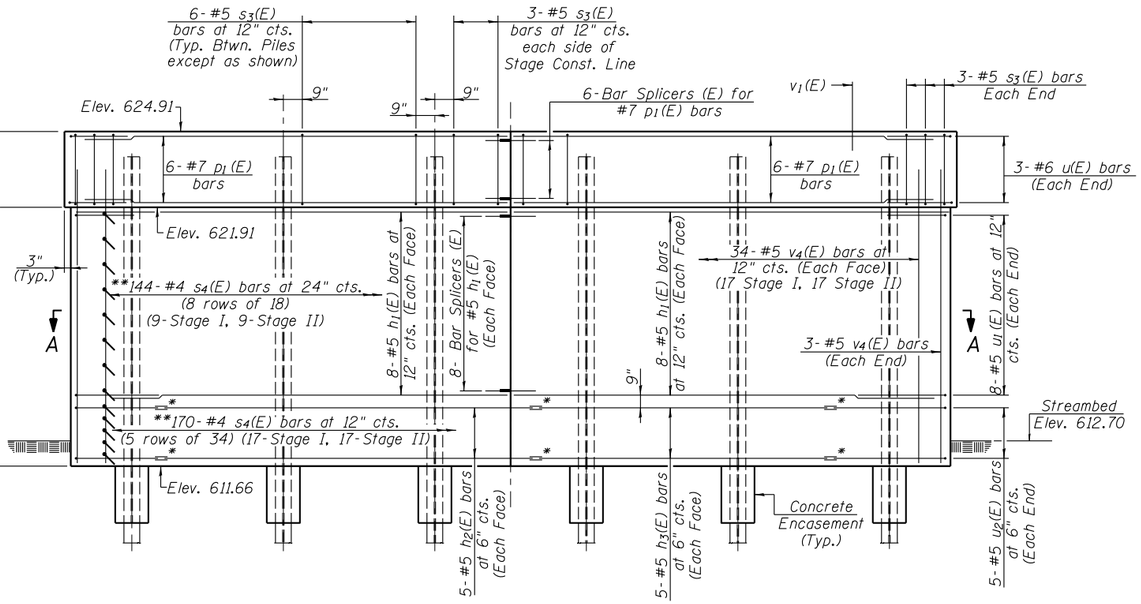
BAR u1(E)



BAR u2(E)

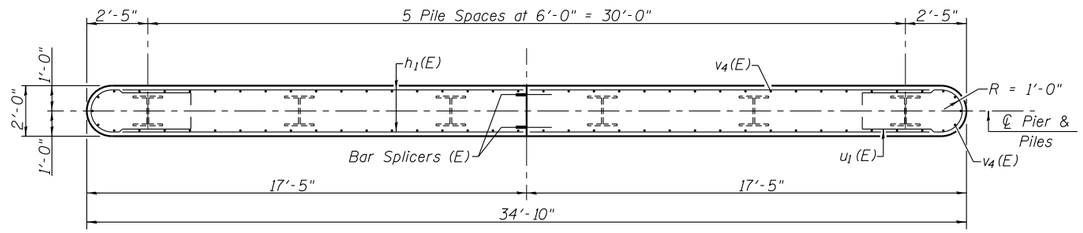


END VIEW



ELEVATION
(Looking South)

* Mechanical Splicers for $h_2(E)$, $h_3(E)$ and $u_2(E)$ bars.
** Alternate end of bar



SECTION A-A

PILE DATA

Type: Steel HP 10x42
Nominal Required Bearing: 335 kips
Factored Resistance Available: 168 kips
Est. Length: 38 ft.
No. Production Piles: 6
No. Test Piles: 0

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$h_1(E)$	32	#5	16'-1"	——
$h_2(E)$	10	#5	13'-8"	——
$h_3(E)$	10	#5	11'-6"	——
$p_1(E)$	12	#7	17'-3"	——
$s_3(E)$	36	#5	10'-7"	⌐
$s_4(E)$	314	#4	2'-9"	⌐
$u(E)$	6	#6	8'-6"	⊐
$u_1(E)$	16	#5	11'-11"	⊃
$u_2(E)$	10	#5	10'-3"	⊃
$v_1(E)$	70	#5	3'-4"	——
$v_4(E)$	74	#5	12'-6"	——
Cofferdam Excavation		Cu. Yd.	2	
Concrete Structures		Cu. Yd.	35.9	
Reinforcement Bars, Epoxy Coated		Pound	3790	
Furnishing Steel Piles HP10x42		Foot	228	
Driving Piles		Foot	228	
Concrete Encasement		Cu. Yd.	2.1	
Cofferdam (Type 1) (Location - 1)		Each	1	

For details of Bar Splicers, see sheet 17 of 19.
For details of piles and Concrete Encasement, see sheet 16 of 19.

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

Allen Henderson & Associates, Inc.
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62703 Phone: (217)544-8033 IL. Design Firm
No. 184-001907

PIER 1
STRUCTURE NO. 029-0072
SHEET NO. 14 OF 19 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	12BR-1	FULTON	62	37
		CONTRACT NO. 68732		
	ILLINOIS	FED. AID PROJECT		