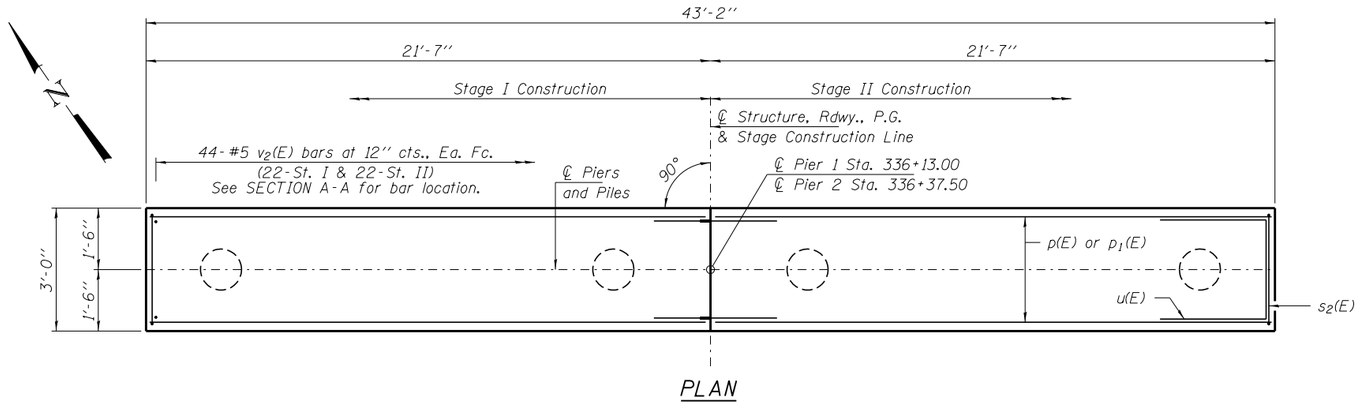
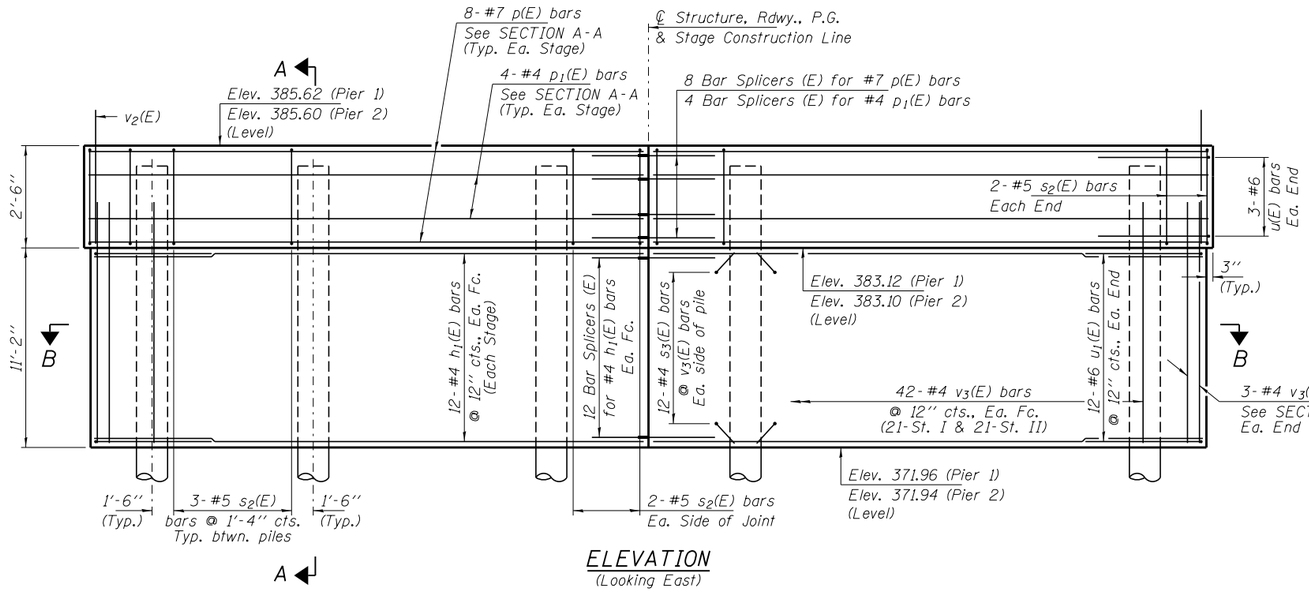
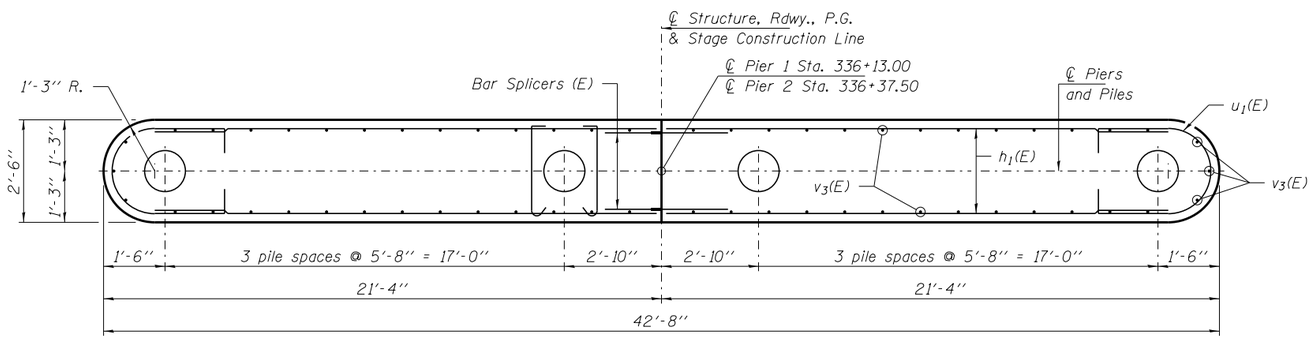


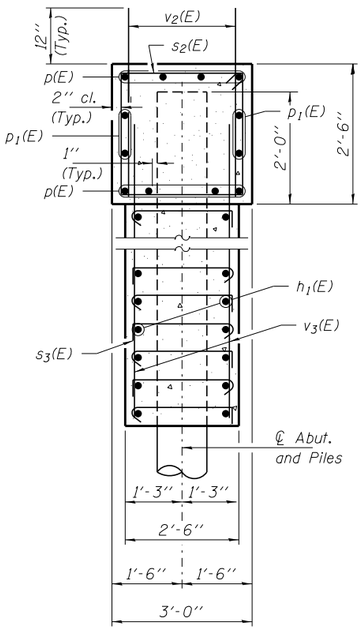
PLAN



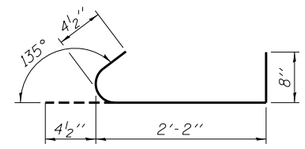
ELEVATION
(Looking East)



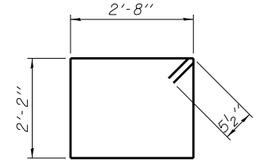
SECTION B-B



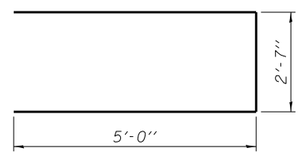
SECTION A-A



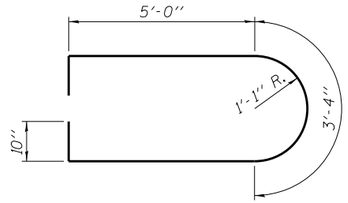
BAR s_3(E)



BAR s_2(E)



BAR u(E)



BAR u_1(E)

TWO PIERS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_1(E)	96	#4	19'-11"	——
p(E)	32	#7	21'-3"	——
p_1(E)	16	#4	21'-3"	——
s_2(E)	52	#5	10'-7"	□
s_3(E)	384	#4	3'-3"	⊓
u(E)	12	#6	12'-7"	⊐
u_1(E)	48	#6	15'-0"	⊃
v_2(E)	176	#5	3'-4"	——
v_3(E)	180	#4	12'-6"	——
Concrete Structures			Cu. Yd.	102.8
Reinforcement Bars, Epoxy Coated			Pound	7,730
Bar Splicers			Each	72
Furnishing Metal Shell Piles 14" x 0.312"			Foot	1,000
Driving Piles			Foot	1,000

PILE DATA

Type: Metal Shell Piles 14" x 0.312"
Nominal Required Bearing: 360 Kips/pile
Factored Resistance Available: 177 Kips/pile
Est. Length: 68' (Pier 1)
57' (Pier 2)
No. Production Piles: 16

Notes:
For details of Bar Splicers, see sheet 12 of 15.
For details of piles, see sheet 13 of 15.

FILE NAME = $FILE$	USER NAME =	DESIGNED - T.J.A.	REVISED -
		CHECKED - S.M.S.	REVISED -
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -
	PLOT DATE = 9/17/2013	CHECKED - M.D.C.	REVISED -

HAMPTON, LENZINI AND RENWICK, INC.
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
ILLINOIS PROFESSIONAL DESIGN FIRM
LS / PE / SE CORP. 184.000959

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIERS
STRUCTURE NO. 097-0079
SHEET NO. 11 OF 15 SHEETS

FAP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	5B-1	WHITE	51	35
IL RTE 1/14	OVER CROOKED CR.	CONTRACT NO. 78266		
	ILLINOIS FED. AID PROJECT			