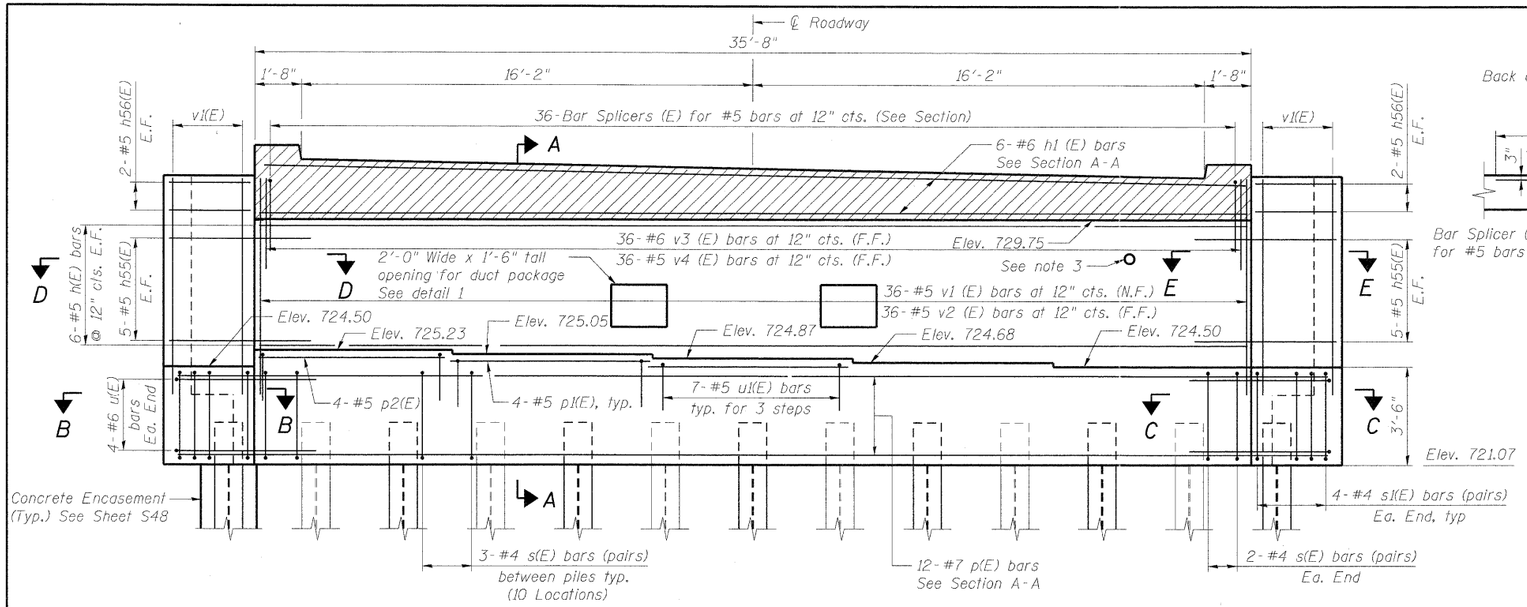
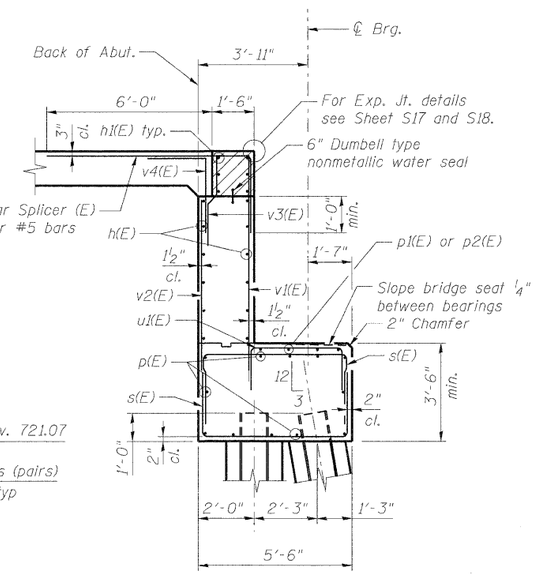
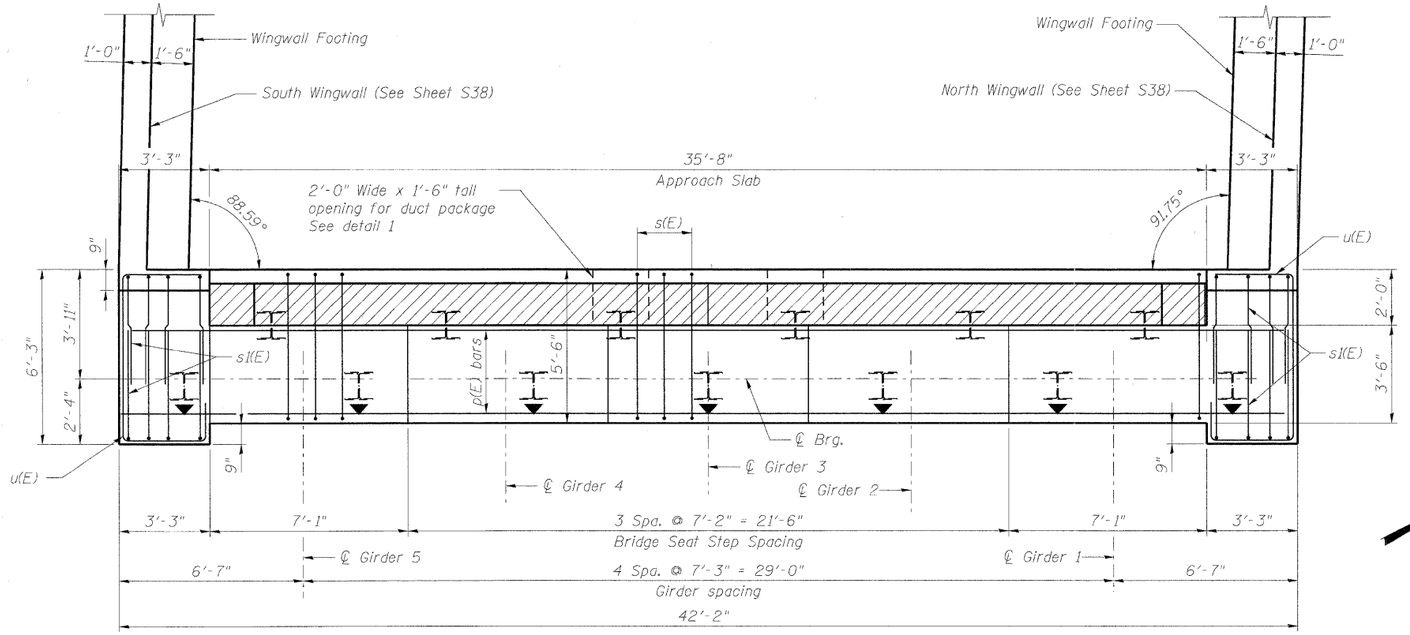
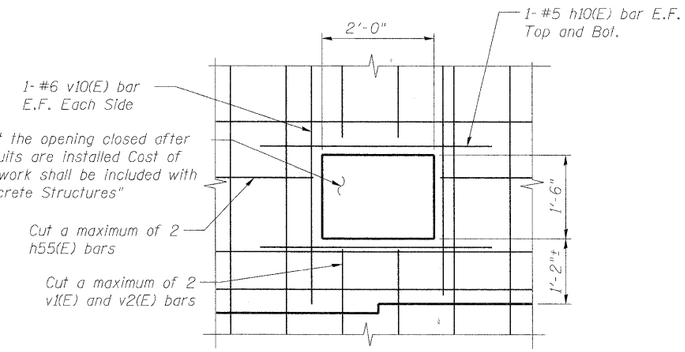




ELEVATION - WEST ABUTMENT



PLAN - WEST ABUTMENT



DETAIL 1 AT DUCT BANK BLOCKOUT

Note: Exact location of blockout shall be confirmed with the electrical details prior to construction of backwall

PILE DATA

Type: HP12x53 with pile shoes
Nominal Required Bearing: 280 kips
Factored Resistance Available: 154 kips
Est. Length: 62 feet
No. Production Piles: 14
No. Test Piles: 1

NOTES:

1. See sheet S38 for wingwall sections and details.
2. See sheet S3 for foundation layout.
3. Locate 3" sleeve as required for traffic signal interconnect.

benesch engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10092

FILE NAME = 0456024_037_WAbutDtls1.dgn	USER NAME = akeaschall	DESIGNED - MFH	REVISED -
		CHECKED - MRB	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 11/9/2011	CHECKED - MRB	REVISED -

CITY OF ST. CHARLES

WEST ABUTMENT DETAILS (1 OF 2)
STRUCTURE NO. 045-6024 RED GATE ROAD OVER THE FOX RIVER
SHEET NO. S37 OF S56 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	259
		CONTRACT NO. 63650		
	ILLINOIS FED. AID PROJECT			

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