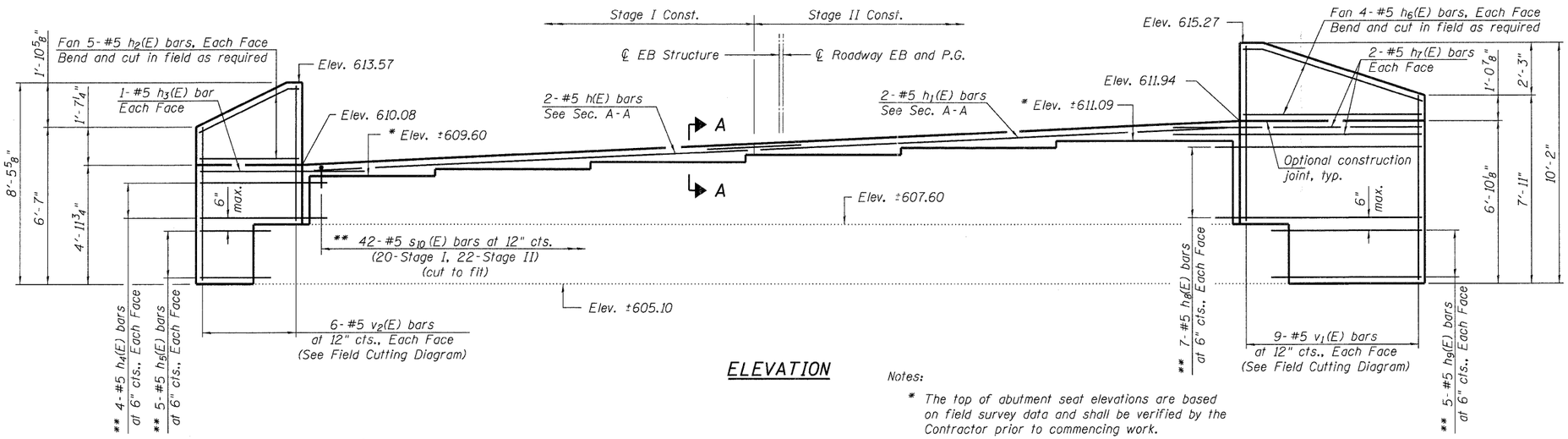
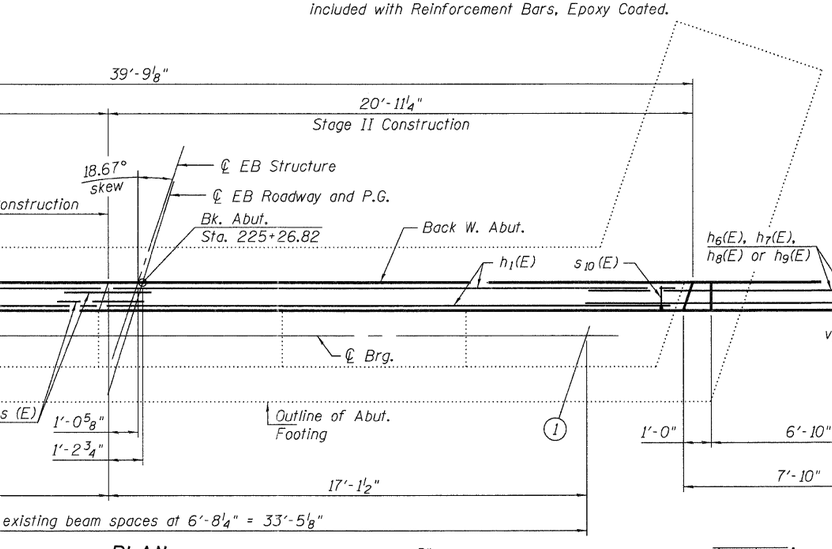


ELEVATION

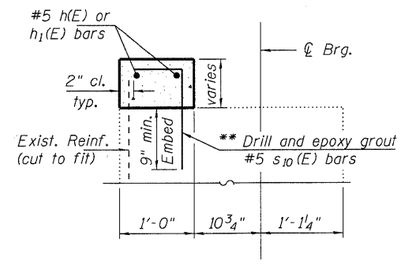
Notes:

* The top of abutment seat elevations are based on field survey data and shall be verified by the Contractor prior to commencing work.

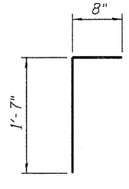
** Drill and grout #5 bars into 9" min. drilled holes with 4" min. clear cover in the existing abutment according to Article 584 of the Standard Specifications. Method and grout are subject to the approval of the Engineer. Cost included with Reinforcement Bars, Epoxy Coated.



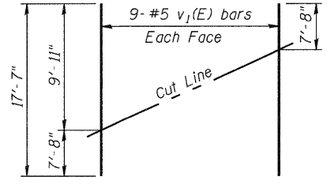
PLAN



SECTION A-A

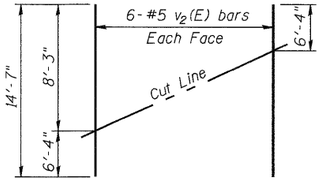


BAR s10(E)



FIELD CUTTING DIAGRAM

Order $v_1(E)$ full length. Cut as shown and use remainder of bars in opposite face. Cut bars to fit around footing.



FIELD CUTTING DIAGRAM

Order $v_2(E)$ full length. Cut as shown and use remainder of bars in opposite face. Cut bars to fit around footing.

WEST ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	2	#5	18'-7"	——
$h_1(E)$	2	#5	20'-8"	——
$h_2(E)$	10	#5	5'-0"	——
$h_3(E)$	2	#5	7'-4"	——
$h_4(E)$	8	#5	5'-10"	——
$h_5(E)$	10	#5	3'-5"	——
$h_6(E)$	8	#5	8'-0"	——
$h_7(E)$	4	#5	10'-4"	——
$h_8(E)$	14	#5	8'-10"	——
$h_9(E)$	10	#5	6'-5"	——
$s_{10}(E)$	42	#5	2'-3"	⌐
$v_1(E)$	9	#5	17'-7"	——
$v_2(E)$	6	#5	14'-7"	——
Structure Excavation			Cu. Yd.	102
Concrete Structures			Cu. Yd.	4.7
Reinforcement Bars, Epoxy Coated			Pound	900

USER NAME = dheberling	DESIGNED - RJN/BRD	REVISED -	
FILE NAME = 043D002&3-64C94.dgn	CHECKED - SBC	REVISED -	
PLOT DATE = 12/6/2011	DRAWN - DLH	REVISED -	
PLOT TIME = 10:03:14 AM	CHECKED - SBC	REVISED -	

WHKS & CO. ENGINEERING
7018 KINGSMILL CT.,
SPRINGFIELD, IL
(217) 483-9457
DESIGN FIRM #184001036

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT
STRUCTURE NO. 043-0002
SHEET NO. 23 OF 28 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(43B, 44B, 44HB, 45B)D	JO DAVIESS	309	108
		CONTRACT NO. 64C94		
	ILLINOIS FED. AID PROJECT			