

**ELEVATION**

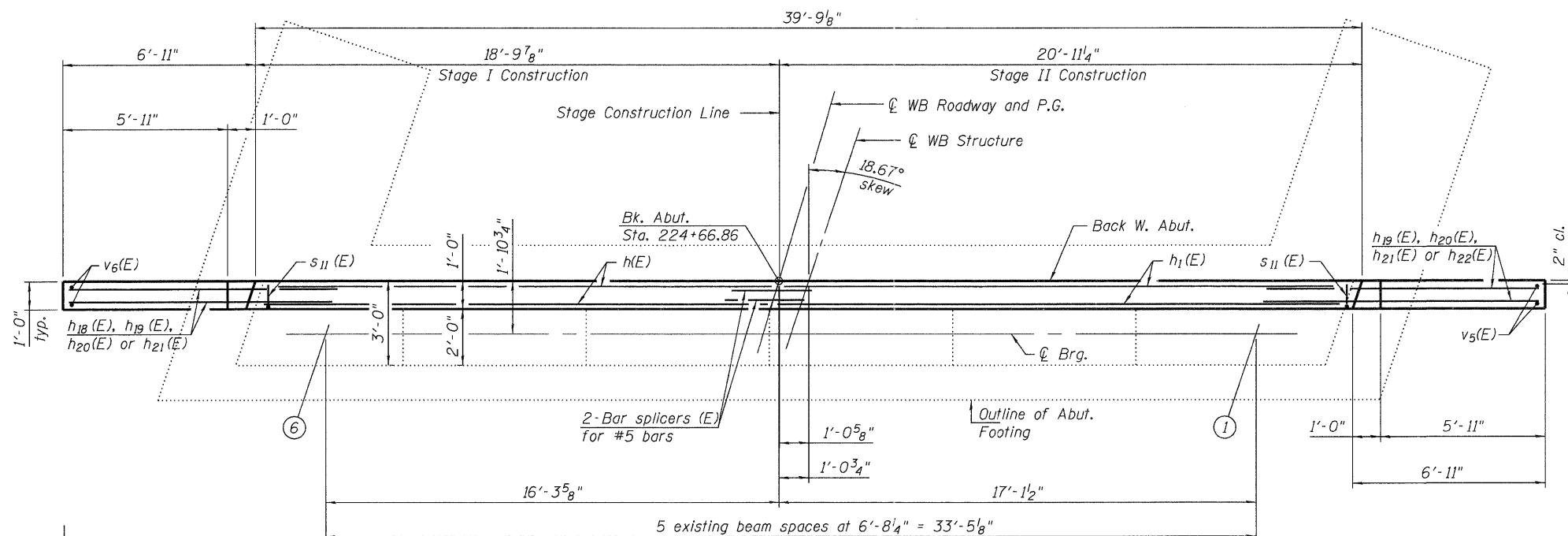
Notes:

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

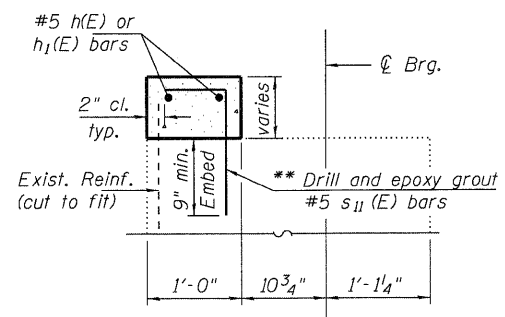
\*\* Drill and grout #5 bars into 9" min. drilled holes with 4" min. clear cover in the existing abutment according to Article 584 of the Standard Specifications. Method and grout are subject to the approval of the Engineer. Cost included with Reinforcement Bars, Epoxy Coated.

**WEST ABUTMENT  
BILL OF MATERIAL**

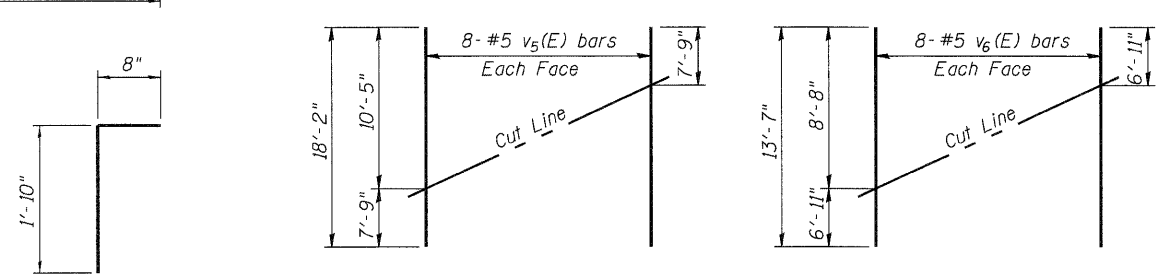
Bar	No.	Size	Length	Shape
h(E)	2	#5	18'-7"	—
h1(E)	2	#5	20'-8"	—
h18(E)	10	#5	6'-11"	—
h19(E)	10	#5	9'-5"	—
h20(E)	22	#5	7'-11"	—
h21(E)	20	#5	5'-6"	—
h22(E)	10	#5	7'-3"	—
s11(E)	42	#5	2'-6"	└
v5(E)	8	#5	18'-2"	—
v6(E)	8	#5	13'-7"	—
Structure Excavation			Cu. Yd.	113
Concrete Structures			Cu. Yd.	5.4
Reinforcement Bars, Epoxy Coated			Pound	1,000



**PLAN**



**SECTION A-A**



**BAR s11(E)**

**FIELD CUTTING DIAGRAM**

Order v5(E) full length. Cut as shown and use remainder of bars in opposite face. Cut bars to fit around footing.

**FIELD CUTTING DIAGRAM**

Order v6(E) full length. Cut as shown and use remainder of bars in opposite face. Cut bars to fit around footing.

USER NAME = dbeberling	DESIGNED - RJN/BRD	REVISED -
FILE NAME = 043000283-64C94.dgn	CHECKED - SBC	REVISED -
PLOT DATE = 12/6/2011	DRAWN - DLH	REVISED -
PLOT TIME = 10:03:20 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. 043-0003**  
SHEET NO. 25 OF 28 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(43B, 44B, 44HB, 45BID)	JO DAVIESS	309	110
CONTRACT NO. 64C94			ILLINOIS FED. AID PROJECT	