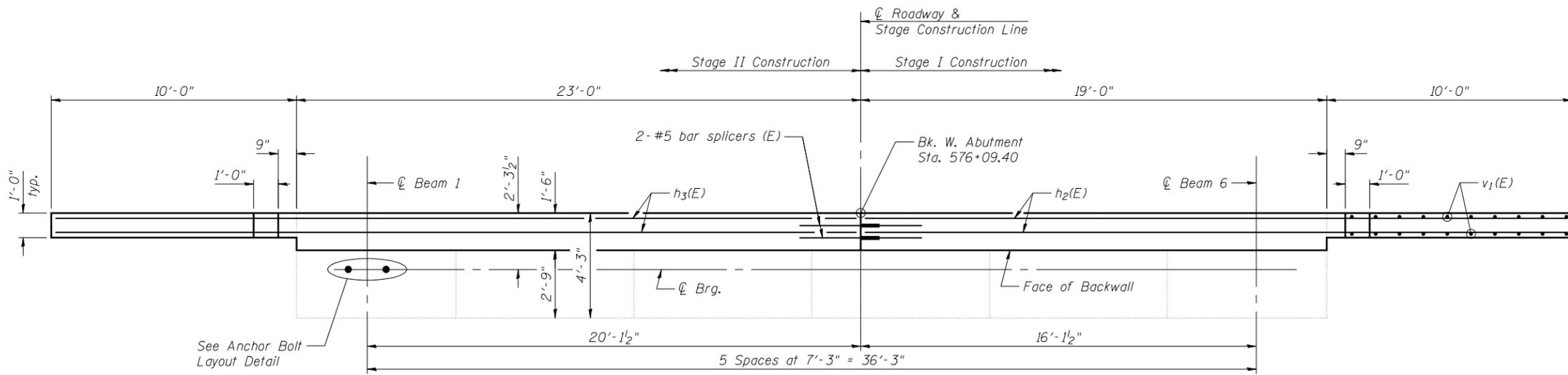


**MINIMUM BAR LAP**  
#5 bar = 3'-3"

**ELEVATION**  
(Looking West)

**SECTION A-A**

\* Denotes bar to be epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment = 9". Cost included with Concrete Structures.



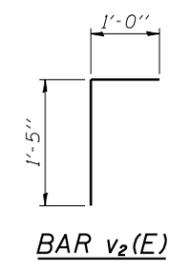
**PLAN - WEST ABUTMENT NB**

**WEST ABUTMENT NB  
BILL OF MATERIAL**

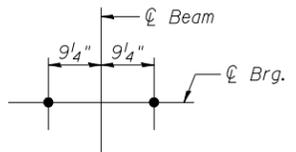
Bar	No.	Size	Length	Shape
h(E)	16	#5	4'-9"	—
h1(E)	36	#5	8'-9"	—
h2(E)	2	#5	28'-6"	—
h3(E)	2	#5	32'-6"	—
v1(E)	20	#5	12'-6"	—
v2(E)	84	#5	2'-5"	Γ
Structure Excavation			Cu. Yd.	87
Concrete Structures			Cu. Yd.	6.8
Bar Splicers			Each	2
Reinforcement Bars, Epoxy Coated			Pound	1010

For details of Bar Splicers, see sheet 30 of 31.

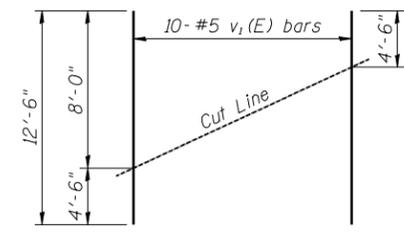
**NOTE**  
Plan elevations relative to the existing structure have been taken from existing plans and reduced by 0.44 feet to match benchmark datum.



**BAR v2(E)**



**ANCHOR BOLT LAYOUT DETAIL**



**FIELD CUTTING DIAGRAM**

Order v1(E) bars full length. Cut as shown and use remainder of bars in opposite face.



JOB = 2276.3  
FILE = 0540057\_0058-SN0057Abuts.dgn  
DATE = 2/11/2013

DESIGNED - AAN  
CHECKED - MDC  
DRAWN - SJS  
CHECKED - MDC

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST ABUTMENT  
STRUCTURE NO. 054-0057 (NB)**

SHEET NO. 22 OF 31 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	221
CONTRACT NO. 72E11				

ILLINOIS FED. AID PROJECT