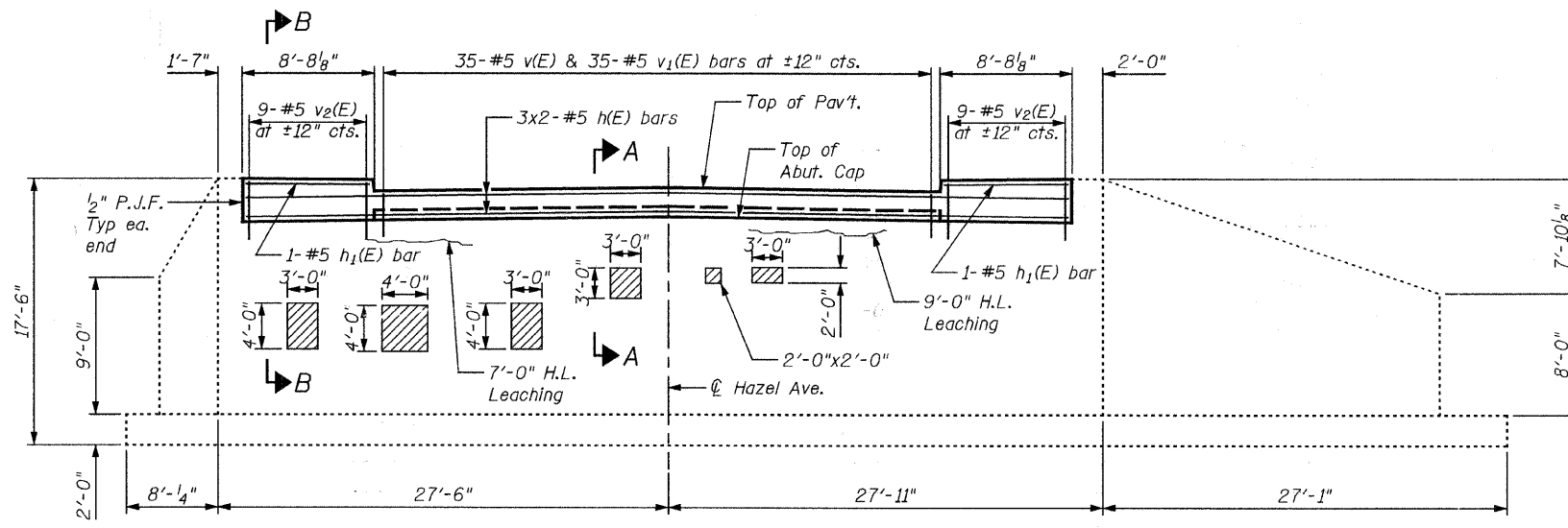
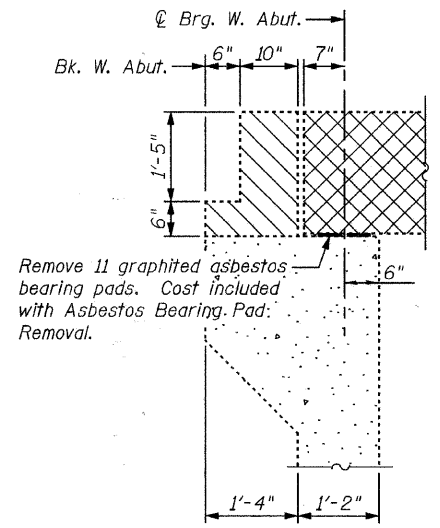


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

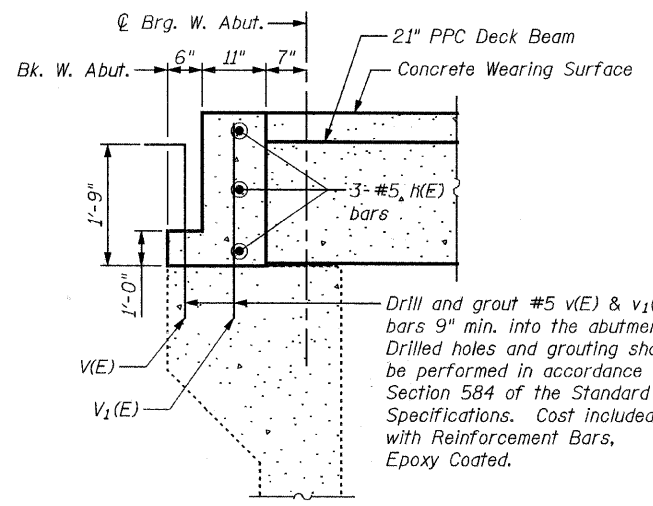


**ELEVATION WEST ABUTMENT**  
(Looking West)

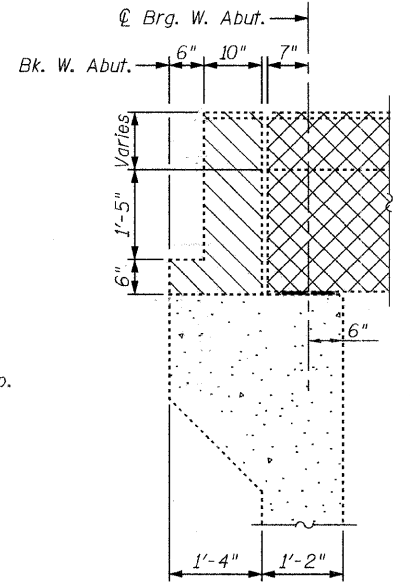
**Notes:**  
 Bars indicated thus 3x2-#5 etc. indicate 3 lines of bars with 2 lengths per line. Existing reinforcement bars that have been cut and/or damaged during repair operations shall be supplemented by new in kind reinforcing bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. A mechanical bar splicer shall be used when it is not feasible to provide the minimum bar lap. No welding of bars shall be performed. See Special Provisions.  
 Concrete Sealer shall be applied to each abutment cap according to Section 587 of the Standard Specifications.  
 All construction joints shall be bonded unless otherwise noted.  
 Work this sheet with Sheet No. 8.



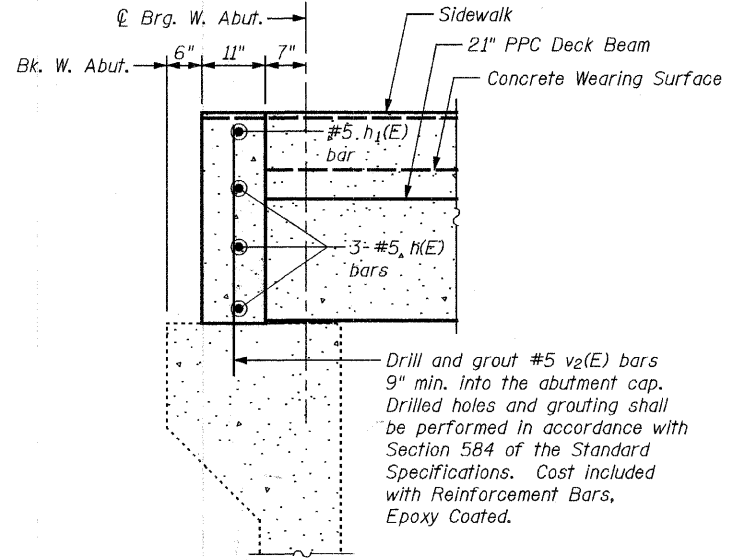
**SECTION A-A**  
(Showing Removal)



**SECTION A-A**



**SECTION B-B**  
(Showing Removal)



**SECTION B-B**

**WEST ABUTMENT  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	6	#5	26'-10"	—
h1(E)	2	#5	8'-2"	—
v(E)	35	#5	3'-9"	—
v1(E)	35	#5	2'-11"	—
v2(E)	18	#5	3'-8"	—
* Reinforcement Bars, Epoxy Coated			Pound	500
* Concrete Removal			Cu. Yd.	4.1
* Structural Repair of Concrete (<=5")			Sq. Ft.	59.0
* Concrete Sealer			Sq. Ft.	130
* Asbestos Bearing Pad Removal			Each	11

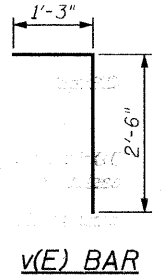
\* See Special Provisions

**MINIMUM BAR LAP**

(West Abutment)  
#5 Bar = 2'-2"

**LEGEND**

- Removal of Existing Superstructure
- Concrete Removal
- Structural Repair of Concrete  
Depth equal to or less than 5"
- Hairline Leaching Crack - Not to be sealed



**v(E) BAR**

DESIGNED	SCHELBIAN
CHECKED	JBUCHOLC
DRAWN	SCHELBIAN
CHECKED	JBUCHOLC

**URS**  
 100 South Wacker Drive, Suite 500  
 Chicago, IL 60606  
 Tel: 312.939.1000  
 Fax: 312.939.4198

**SUBSTRUCTURE REPAIRS & DETAILS  
STRUCTURE NO. 049-6152**

SHEET NO. 7 8 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1263	08-00081-00-BR	LAKE	26	25
CONTRACT NO. 63085					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					