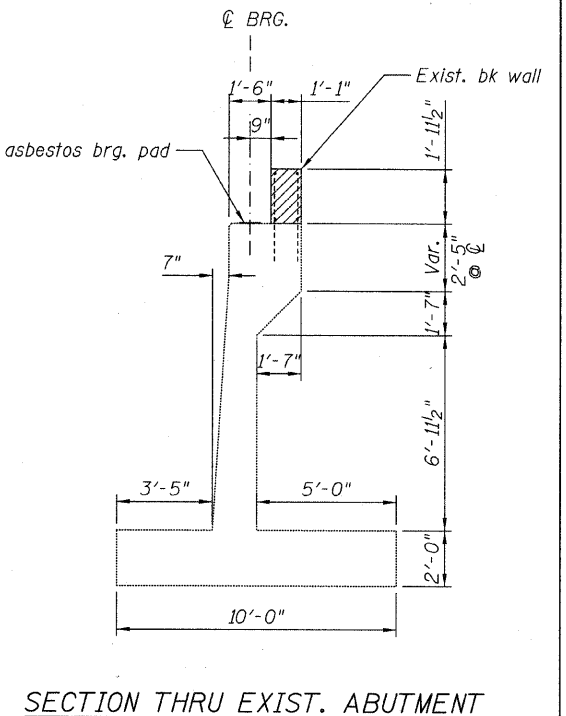


④ Weber Rd. & Stage Construction Line



SECTION THRU EXIST. ABUTMENT

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.

*All construction joints shall be bonded unless otherwise noted.
End of new deck beams shall be aligned at the
abutment. Any variation in the length of the deck
beams shall be placed at the pier.*

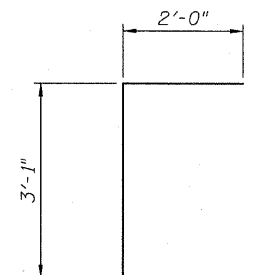
Backfill required for the stage being constructed shall be placed behind the abutment after the new deck beams have been set, the backwall has been poured, and formwork removed. See Article 502.10 of the Standard Specifications.

Existing bearing seat to be inspected by the Engineer after deck beam removal. Deteriorated concrete areas shall be repaired and cracks shall be sealed as required.

Structural Repair of Concrete and Epoxy Crack Injection locations and dimensions are estimated from survey work. Actual locations and dimensions shall be shown by the Engineer on the as-built plans for this section.

For bearing pad details see sheets S-9 and S-11.

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	16	#5	26'-8"	_____
h(E)	16	#5	28'-8"	_____
v(E)	92	#5	5'-1"	┐
Concrete Removal			Cu. Yd.	9.4
Reinforcement Bars, Epoxy Coated			Pound	1,410
Bar Splicers			Each	8
Asbestos Bearing Pad Removal			Each	60

 $BAR \ v_1(E)$

DETAIL THRU PROP. ABUTMENT

* Drill and grout #5 v1(E) bars 12" min. into the exist. abut. cap. Drilled holes and grouting shall be performed in accordance with Section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.

SUBSTRUCTURE REPAIRS & DETAILS
STRUCTURE NO. 099-3322

SHEET NO. S-12	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0856	08-00050-00-BR	WILL	26	18
	18 SHEETS			CONTRACT NO. 63576	
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT		