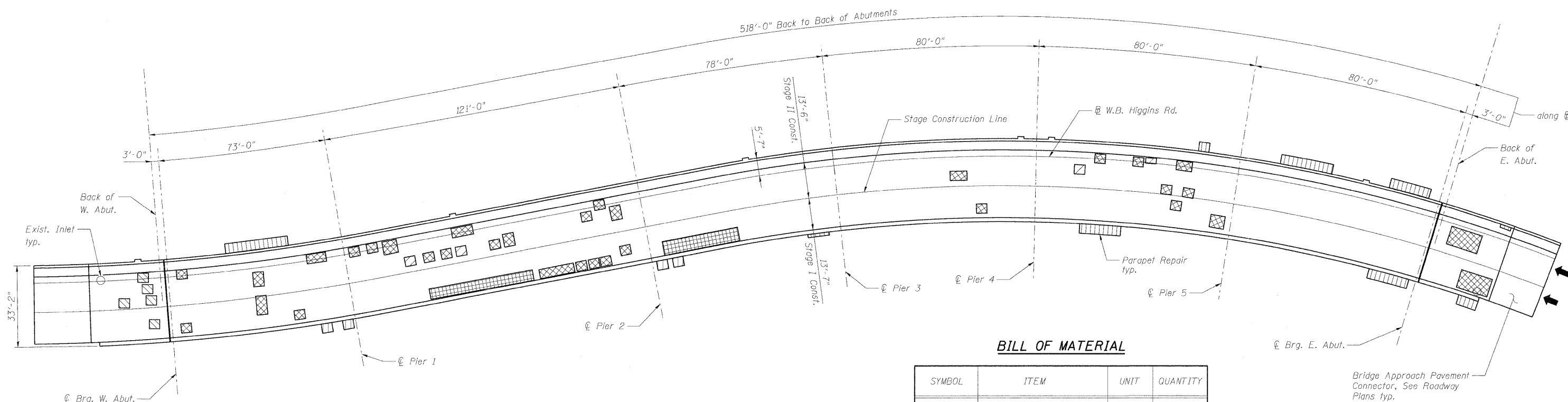
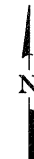


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

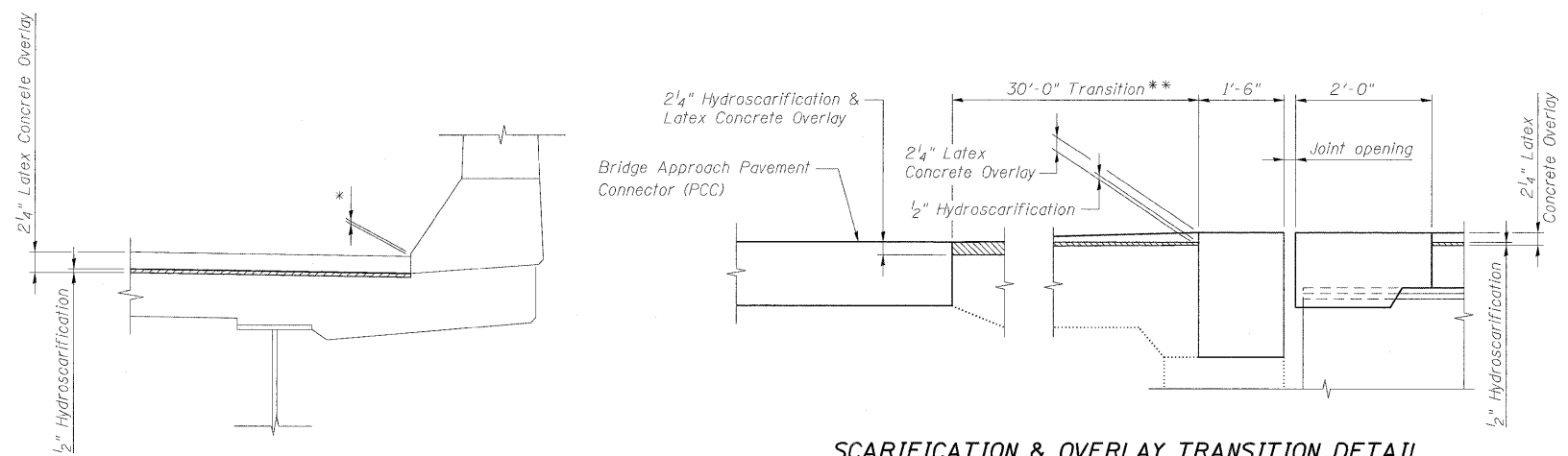


BILL OF MATERIAL

SYMBOL	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial)	Sq. Yd.	5.0 ▲
	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	9.8
	Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	12.5
	Cleaning and Painting Exposed Rebar (Special)	Sq. Ft.	297
	Approach Slab Repair (Partial Depth)	Sq. Yd.	10.0 ▲
	Approach Slab Repair (Full Depth)	Sq. Yd.	10.0
	Structural Repair of Concrete (Depth equal to or Less Than 5 Inches)	Sq. Ft.	159
	Protective Shield	Sq. Yd.	1,435
	Bridge Deck Grooving	Sq. Yd.	1,609
	Protective Coat	Sq. Yd.	2,343
	Bridge Deck Latex Concrete Overlay, 2 1/4"	Sq. Yd.	1,714
	Bridge Deck Hydro-Scarification, 1/2"	Sq. Yd.	1,714

Notes:

- Deck and approach slab repair areas are estimated based on an IDOT field inspection conducted in October of 2009. Actual repair areas and locations shall be determined by the Engineer and shown on As-Built plans.
- Protective Shield required for scarification operations, deck slab and/or parapet repairs shall be installed according to Article 501.03 of the Standard Specifications. For limits of Protective Shield, see General Plan and Elevation sheet.
- The Contractor shall exhibit extreme care not to damage the existing inlets on the approach slabs during scarification and patching processes. Any damage incurred to the inlets shall be repaired at no additional cost to the Department.
- The overlay transition will result in nominal grade change at approach slab inlets. No height adjustment is necessary and the overlay may be hand finished around the inlet for a smooth transition.
- See Roadway Plans for Inlet protection, approach connector pavement replacement, and curb and gutter replacement details.



SCARIFICATION & OVERLAY TRANSITION DETAIL

SCARIFICATION & OVERLAY DETAIL AT SOUTH PARAPET

* Contractor shall increase scarification thickness or reduce overlay thickness as directed by the Engineer to ensure this dimension is never less than 0".
** Cost of increased hydroscarification depth over length of transition shall be included with "Bridge Deck Hydro-Scarification, 1/2".

DESIGNED -	JLS/MFB
CHECKED -	KWS
DRAWN -	RMG
CHECKED -	KWS

▲ For information only to assist the Contractor in bidding. See Special Provisions for "Bridge Deck Latex Concrete Overlay" and "Approach Slab Repair".

**BRIDGE DECK, PARAPET AND APPROACH SLAB REPAIRS
STRUCTURE NO. 016-2519**

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10032.13

SHEET NO. 4 14 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3531	1515.1-I	COOK	35	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60J58					

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