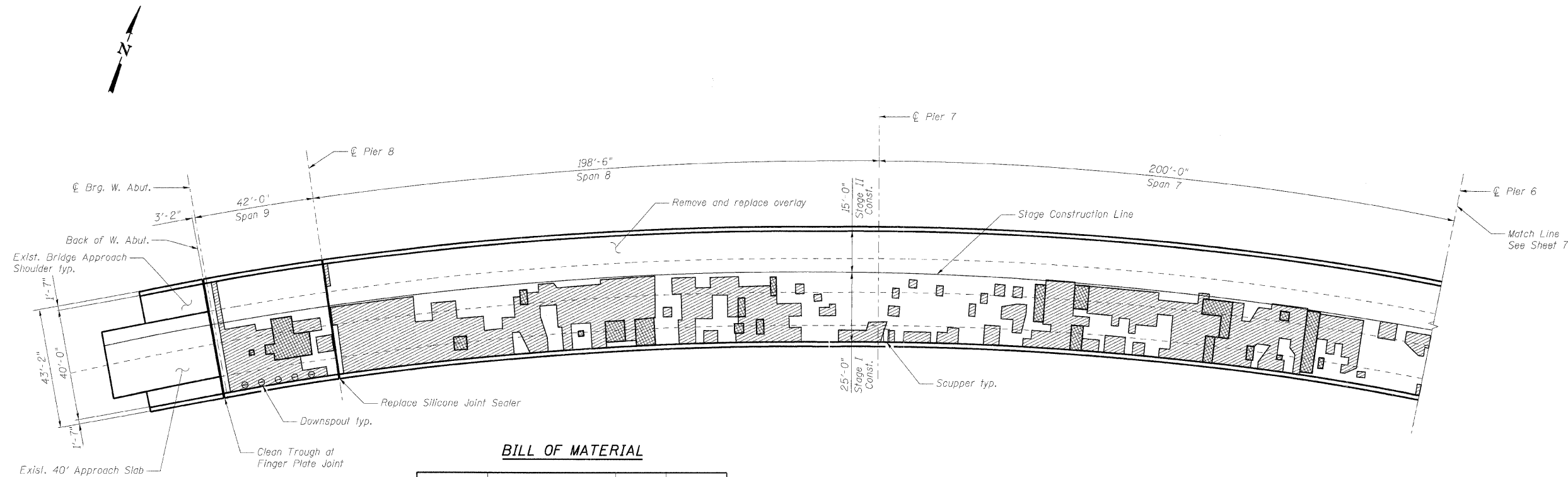


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**BILL OF MATERIAL**

SYMBOL	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial)	Sq. Yd.	1,453.7 <sup>▲</sup>
	Deck Slab Repair (Full Depth - Type I)	Sq. Yd.	5.0
	Deck Slab Repair (Full Depth - Type II)	Sq. Yd.	298.8
	Approach Slab Repair (Partial Depth)	Sq. Yd.	5.0
	Protective Shield	Sq. Yd.	3,627
	Cleaning and Painting Exposed Rebar (Special)	Sq. Ft.	200
	Bridge Deck Grooving	Sq. Yd.	4,861
	Protective Coat	Sq. Yd.	5,188
	Silicone Joint Sealer	Foot	84.0
	Bridge Deck Latex Concrete Overlay, 2 1/4"	Sq. Yd.	5,117
	Bridge Deck Hydro-Scarification 2 1/4"	Sq. Yd.	5,117
	Clean Trough	Each	3

**PLAN**

**Notes:**

- Deck and approach slab repair areas are estimated based on an Infrared thermographic deck survey (ITDS) report prepared by AECOM and visual inspection conducted in June of 2009. Actual repair areas and locations shall be determined by the Engineer and shown on As-Built plans.
- Protective Shield required for full-depth repairs shall be installed according to Article 501.03 of the Standard Specifications. For limits of Protective Shield, see General Plan and Elevation.
- Deck drains (downspouts, floor drains, and scuppers) shall be cleaned with the bridge deck prior to application of the Concrete Sealer. Cost of cleaning the deck drains is included in Concrete Sealer.
- The Engineer shall determine the type and quantity of Class A patching and the quantity of Mixture for Cracks, Joints and Flangeways. Estimated quantities are included in the overall Summary of Quantities in Roadway Plans.
- Gaps caused by distress around floor drains shall be filled with epoxy as specified in the Special Provision "Epoxy Injection". Cost included with Bridge Deck Latex Concrete Overlay, 2 1/4".

**BRIDGE DECK AND APPROACH  
SLAB REPAIRS 3 OF 3  
STRUCTURE NO. 022-0094**

DESIGNED	TJJ
CHECKED	AAV
DRAWN	RMG
CHECKED	AAV

<sup>▲</sup> For information only to assist the Contractor in bidding. See Special Provision for "Bridge Deck Latex Concrete Overlay".

**benesch**

alfred benesch & company  
Engineers - Surveyors - Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0460 Job No. 10060

SHEET NO. 8 8 SHEETS	F.A.I. RTE. 290 355	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 365
	CONTRACT NO. 60G51			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	