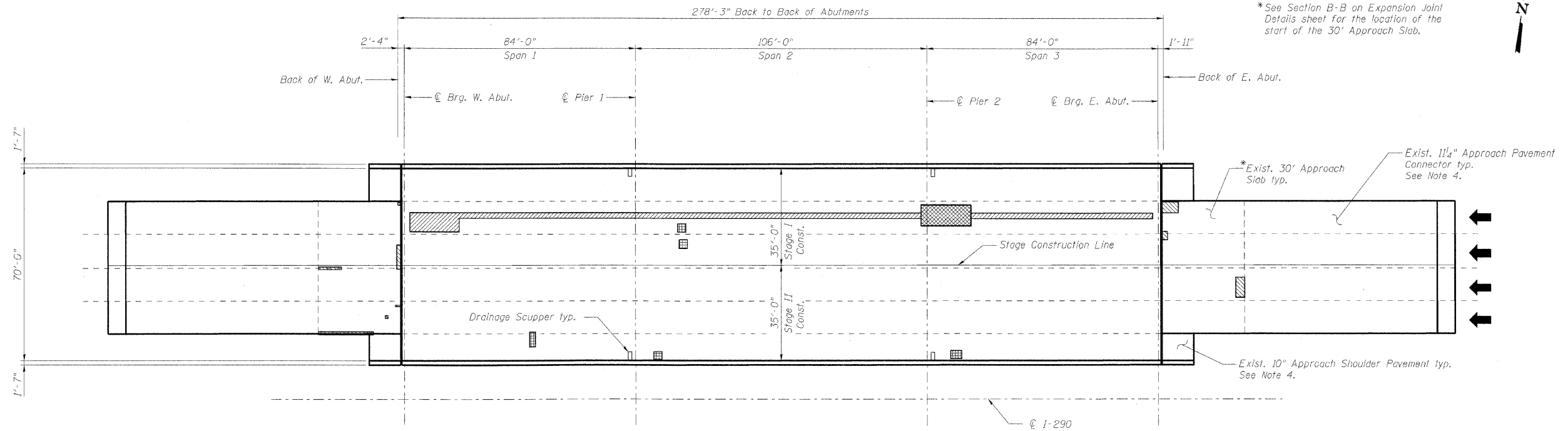


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

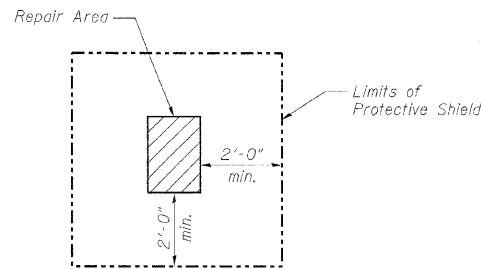


PLAN

**BILL OF MATERIAL**

SYMBOL	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial)	Sq. Yd.	140.0
	Deck Slab Repair (Full Depth - Type I)	Sq. Yd.	5.0**
	Deck Slab Repair (Full Depth - Type II)	Sq. Yd.	23.3
	Cleaning & Painting Exposed Rebar (Special)	Sq. Ft.	67
	Approach Slab Repair (Partial Depth)	Sq. Yd.	21.8
	Protective Shield	Sq. Yd.	181

\*\* The quantity shown is provided as a contingency in the event the Resident Engineer determines that deck repair is required.



PROTECTIVE SHIELD DETAIL

**Notes:**

- Deck and approach slab repair areas are estimated based on visual inspection completed in June 2009. Actual repair areas and locations shall be determined by the Engineer and shown on As-Built plans.
- Protective Shield required for deck slab and/or parapet repairs shall be installed according to Article 501.03 of the Standard Specifications. For limits of Protective Shield, see Protective Shield Detail on this sheet and Elevation on 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 with 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.

DESIGNED	MFB
CHECKED	KWS
DRAWN	RMG
CHECKED	KWS

**benesch**

alfred benesch & company  
Engineers - Surveyors - Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10060

SHEET NO. 4 8 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	(2727, ETC., 3131)RS-7	COOK	216	170
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 60G53		

**BRIDGE DECK  
AND APPROACH SLAB REPAIRS  
STRUCTURE NO. 016-0095**