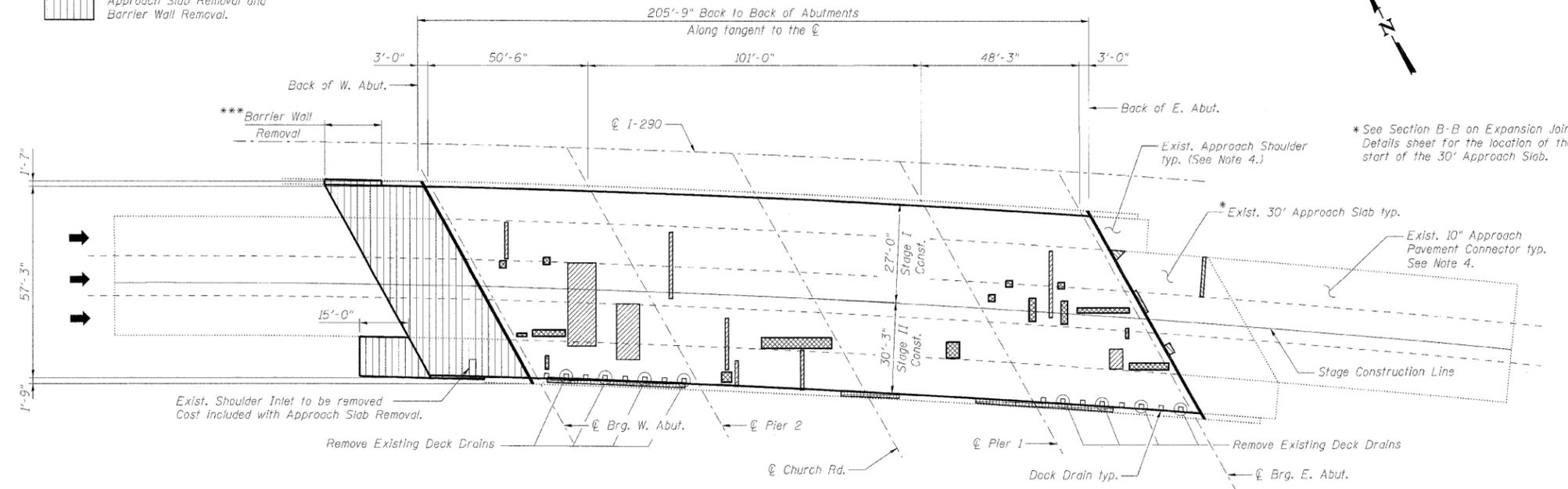


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIAL

*** Limits of Barrier Wall Removal shall match the limits of proposed parapet on the approaches. See sheets 6 and 7 for details.

Approach Slab Removal and Barrier Wall Removal.

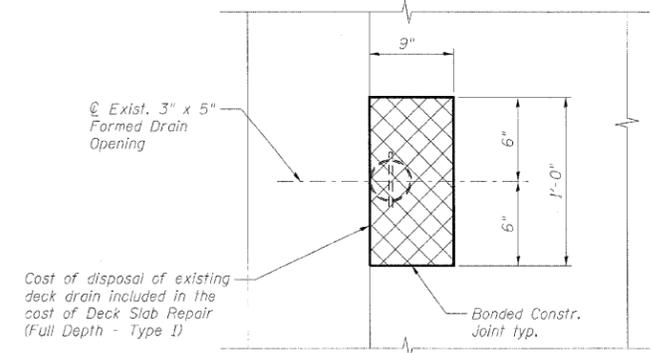


* See Section B-B on Expansion Joint Details sheet for the location of the start of the 30' Approach Slab.

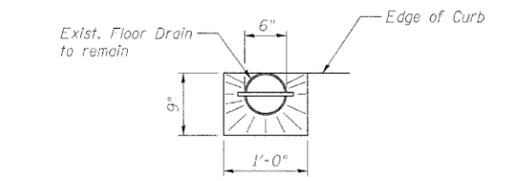
PLAN

SYMBOL	ITEM	UNIT	QUANTITY
[Hatched Box]	Deck Slab Repair (Partial)	Sq. Yd.	148.7 [▲]
[Cross-hatched Box]	Deck Slab Repair (Full Depth - Type I)	Sq. Yd.	34.4
[Cross-hatched Box]	Deck Slab Repair (Full Depth - Type II)	Sq. Yd.	15.7
[Grid Box]	Cleaning & Painting Exposed Rebar (Special)	Sq. Ft.	153
[Hatched Box]	Approach Slab Repair (Partial Depth)	Sq. Yd.	8.6
[Blank Box]	Protective Shield	Sq. Yd.	725
[Blank Box]	Protective Coat	Sq. Yd.	1,303
[Blank Box]	Bridge Deck Grooving	Sq. Yd.	1,257
[Blank Box]	Bridge Deck Latex Concrete Overlay, 2 1/2"	Sq. Yd.	1,263
[Blank Box]	Bridge Deck Hydro-Scarification, 2 1/2"	Sq. Yd.	1,263

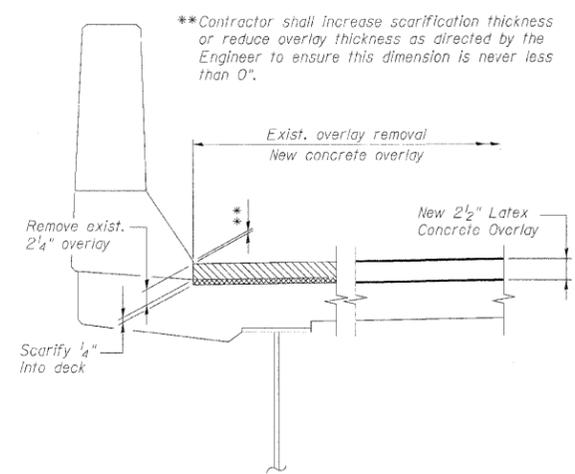
▲ For Information only to assist the Contractor in bidding. See Special Provision for Bridge Deck Latex Concrete Overlay.



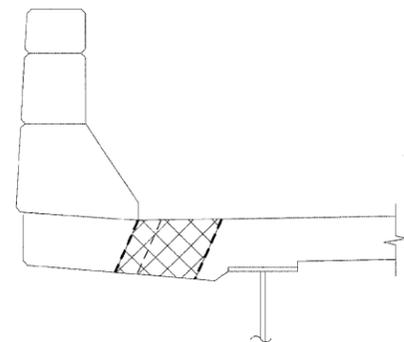
PLAN - DRAIN REMOVAL



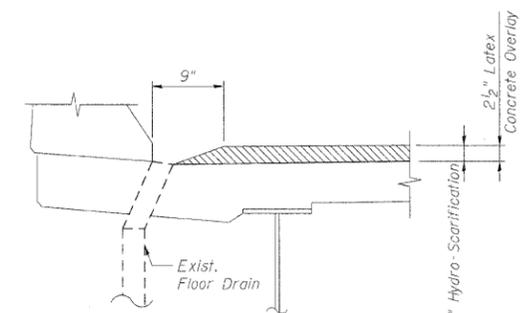
PLAN - CONCRETE OVERLAY AT DECK DRAIN



SCARIFICATION & OVERLAY
DETAIL AT PARAPET



SECTION AT DRAIN REMOVAL



SECTION AT DECK DRAIN

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 General Plan and Elevation sheet.
- Deck drains (downspouts, floor drains and scuppers) shall be cleaned prior to placement of the Latex Concrete Overlay. Cost of cleaning the deck drains is included in Bridge Deck Hydro-Scarification, 2 1/2".
- 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.
- For Approach Slab Removal and replacement details, see Bridge Approach Slab Details sheets.
- Gaps caused by distress around remaining floor drains shall be filled with epoxy as specified in the Special Provision "Epoxy Injection". Cost included with Bridge Deck Latex Concrete Overlay, 2 1/2".

DESIGNED	MFB
CHECKED	KWS
DRAWN	RMG
CHECKED	KWS

BRIDGE DECK
AND APPROACH SLAB REPAIRS
STRUCTURE NO. 022-0099

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-566-0450 Job No. 10050

SHEET NO. 5	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	290	22(1, 1-1, 2&3)RS-7	DUPAGE	546	267
18 SHEETS	CONTRACT NO. 60C51				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

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