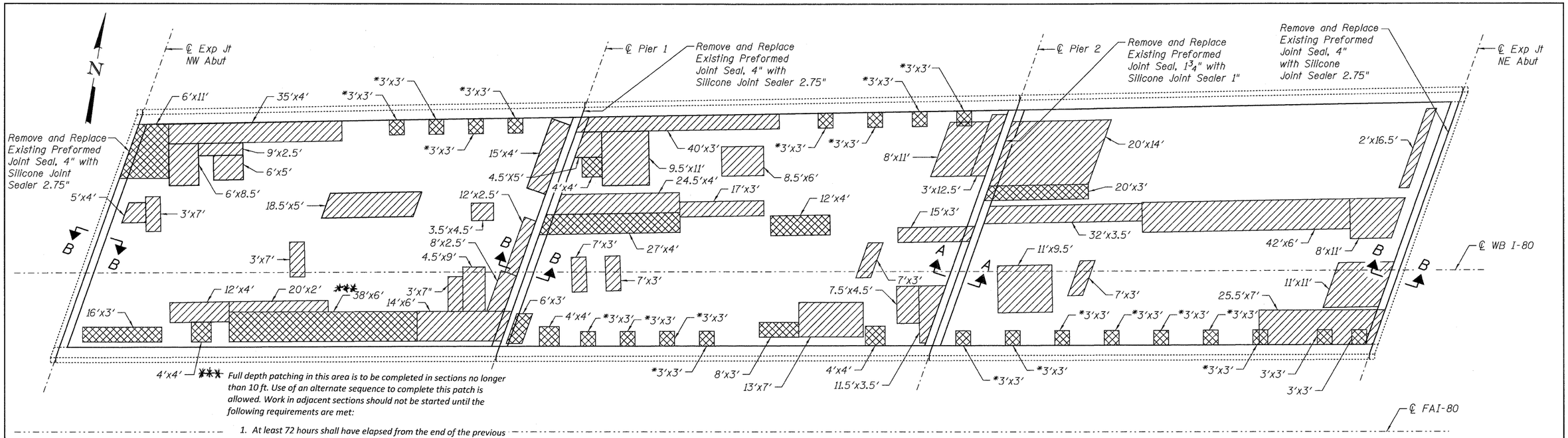
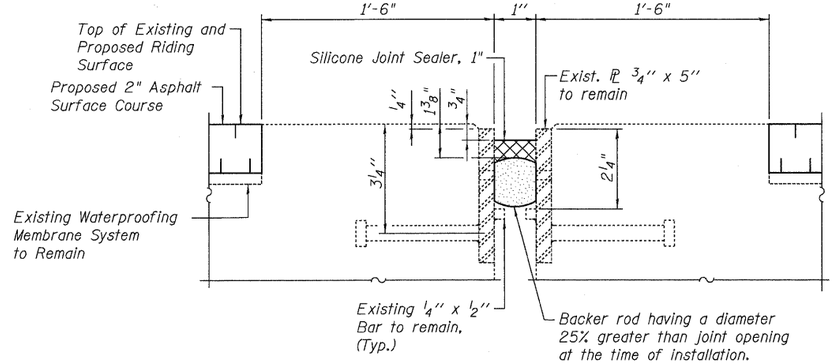


Full depth patching in this area is to be completed in sections no longer than 10 ft. Use of an alternate sequence to complete this patch is allowed. Work in adjacent sections should not be started until the following requirements are met:

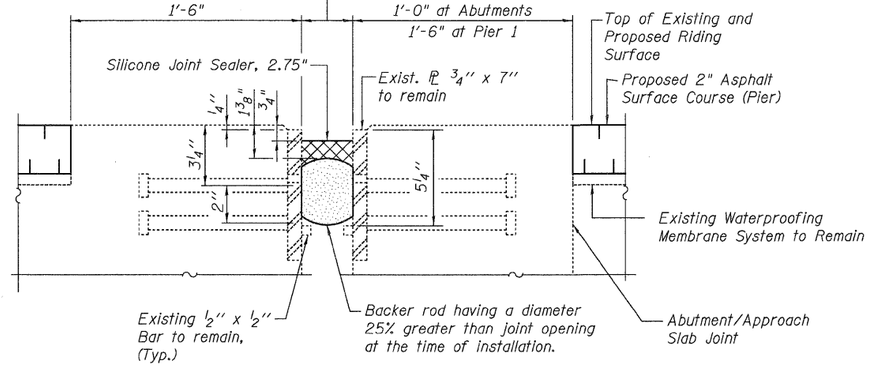
1. At least 72 hours shall have elapsed from the end of the previous pour and
2. The concrete shall have attained a minimum modulus of rupture of 650 psi. or a minimum compressive strength of 3500 psi.

PLAN

* At drain holes



SECTION A-A

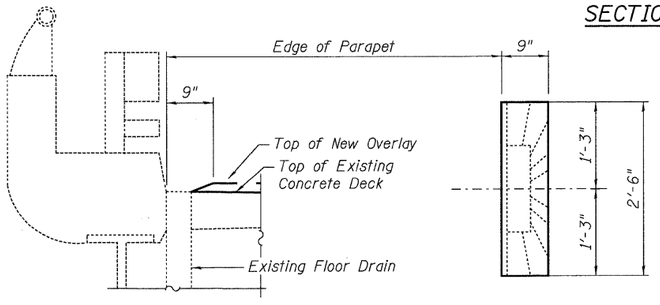


SECTION B-B

LEGEND:

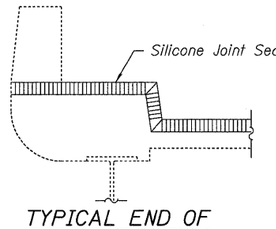
- Deck Slab Repair (Partial)
- Deck Slab Repair (Full Depth, Type I)
- Deck Slab Repair (Full Depth, Type II)

DECK EXPANSION JOINT DETAILS



SECTION AT FLOOR DRAIN — TOP PLAN

OVERLAY TREATMENT AT FLOOR DRAIN



TYPICAL END OF SEAL TREATMENT

(Silicone Joint Seal)

NOTES:

1. Remove the existing preformed joint seals and replace with silicone joint sealer as detailed in Sections A-A and B-B. Removal imcluded in cost of Silicone Joint Sealer.
2. Areas of proposed deck repairs are estimated. Actual type, location and dimensions of deck repairs are to be determined by the Engineer during construction.
3. Deck Slab Repair concrete shall be used up to top of existing waterproofing membrane system. Cost included in Deck Slab Repair item.
4. The Contractor shall grind off any existing concrete patches flush with the existing top of deck. This shall be included in the cost of Hot-Mix Asphalt Surface Removal (Deck).

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Deck Slab Repair (Partial)	Sq.Yd.	311
Deck Slab Repair (Full Depth, Type I)	Sq.Yd.	10 **
Deck Slab Repair (Full Depth, Type II)	Sq.Yd.	94
Silicone Joint Sealer, 1"	Foot	58
Silicone Joint Sealer, 2.75"	Foot	172

**A nominal quantity has been provided to establish a unit price if Type I repairs are required.

	DESIGNED - PCA	REVISED -
USER NAME = lsupencheck	DRAWN - LK	REVISED -
PLOT SCALE = 1:1	CHECKED - MEA	REVISED -
PLOT DATE = 19-JAN-2011	DATE - 01/21/2011	REVISED -

FILE NAME = IP_PWP:dms34565\8990063-60M66-003-DECK_WB.DGN

HBP Illinois Partners

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK & EXPANSION JOINT REPAIRS
WESTBOUND FAI-80 OVER HICKORY CREEK
STRUCTURE NO. 099-0063
SHEET NO. S-3 OF 8 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99 (4&4-1) RS-3	WILL	203	168
		CONTRACT NO. 60M66		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		