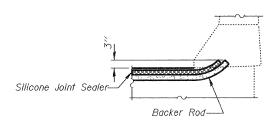


SECTION THRU JOINT AT SOUTH ABUTMENT

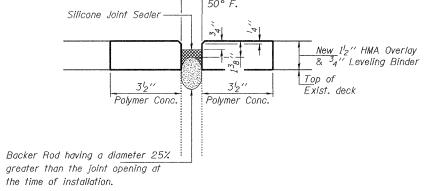
* Furnish in segments of 20 ft. maximum length. Maximum space between installed segments shall be $^3_{16}$ ". Seal space with Silicone Sealant suitable for Structural Steel. After fabrication, all surfaces of the steel $^{\rm L}_{\rm C}$ shall be given one shop coat of paint specified for structural steel. No field painting required. Cost included with HMA overlay.

PLAN

Hatched areas indicate Deck Slab Repair (Partial) Areas of deck repair are estimated. Actual locations shall be shown by the Engineer for As Built Plans.



TYPICAL END OF SEAL TREATMENT



SECTION THRU JOINT AT NORTH ABUTMENT

New 1½" HMA Overlay \$\frac{3}{4}\" Leveling Binder \frac{Exist.}{Reinf.} \frac{Exist.}{deck concrete overlay} \frac{Exist.}{3}\frac{1}{2}\" Plasticized bridge \frac{1}{2}\" Plasticized bridge \frac{1}\" Plasticized bridge \frac{1}{2}\" Plasticized bridge \frac{1}

TYPICAL DECK REPAIR DETAIL

Cross hatched areas indicate Deck Slab Repair (Full Depth, Type II)

BILL OF MATERIAL

Item	Unit	Quantity
Deck Slab Repair (Partial)	Sg. Yd.	163
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	125
Polymerized Hot-Mix Asphalt Surface Course, Mix ''D'', N90	Ton	76
Silicone Joint Sealer, 1 ³ 4''	Foot	36
Silicone Joint Sealer, 2''	Foot	36
Polymer Concrete	Cu. Ft.	4.0
Polymerized Leveling Binder (Machine Method), N5O	Ton	38

<u></u>	VHV	EXAMINED	fourse F. A DV.	DATE	JUNE 29. 2011
CHECKED	DAB		ACTING ENGINEER OF STRUCTURAL MERVICES	***************************************	
DRAWN	Kyle M. Steffen	PASSED	d. Carl Trans	REVISED	
CHECKED	-		ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK PATCHING DETAILS	F.A.I. RTE.
SN 037-0026 (NB)	80
DIA 031-0050 (IAN)	
SHEET NO. 3 OF 3 SHEETS	—

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
80	(37-1BY-1, 81-1VB, 81-1HB-1)M-1	HENRY	15	15		
CONTRACT NO. 64H27						
ILLINOIS FED. AID PROJECT						