

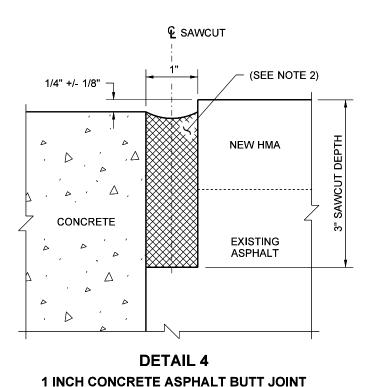
CONCRETE

CONCRETE

EXISTING ASPHALT

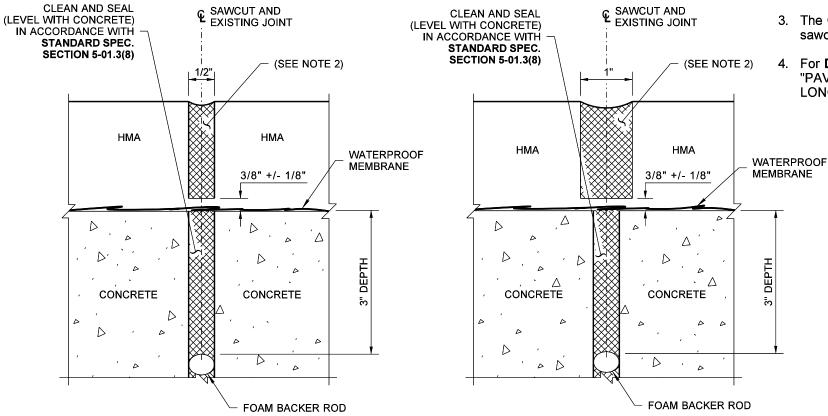
DETAIL 3

1/2 INCH CONCRETE ASPHALT BUTT JOINT



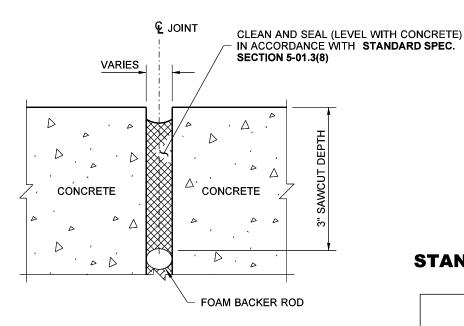
NOTES

- 1. Use the 1/2 inch joint details for bridges with expansion length less than 100 feet and for bridges with L type abutments. Use the 1 inch joint details for other applications. Use Detail 5 on steel trusses and timber bridges with concrete deck panels.
- 2. Sawcut shall be as described in **Standard Specification Section 5-05.3(8)** and sealed in accordance with **Standard Specification Section 5-05.3(8)**B.
- 3. The Contractor shall avoid sawcutting concrete at all locations. For **Details 1** and **2**, the construction tolerance to locate the sawcut is 1/4 inch (0 min. to 1/2 inch max.) from the concrete.
- 4. For **Details 1, 2, 3**, and **4**, the item "HMA SAWCUT AND SEAL" shall be used for payment. For **Details 5** and **6**, the item "PAVED PANEL JOINT SEAL" shall be used for payment. For **Detail 7**, the item "SEALING EXISTING LONGITUDINAL AND TRANSVERSE JOINT" shall be used for payment.

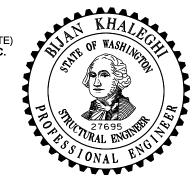


DETAIL 5
1/2 INCH PAVED PANEL JOINT SEAL

DETAIL 6
1 INCH PAVED PANEL JOINT SEAL



DETAIL 7
CONCRETE OPEN JOINT



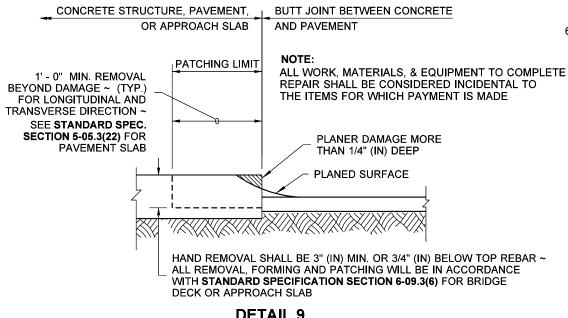
BRIDGE PAVING JOINT SEALS STANDARD PLAN A-40.20-04

SHEET 1 OF 2 SHEETS

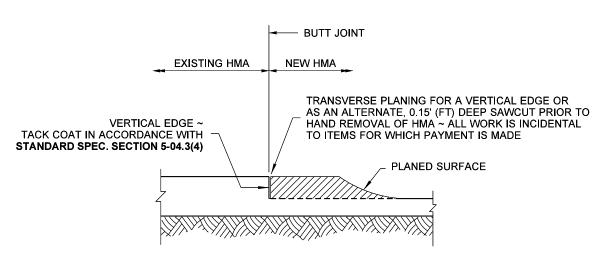


# CONCRETE STRUCTURE, PAVEMENT, BUTT JOINT BETWEEN CONCRETE AND ASPHALT ~ SEE DETAIL 3 OR 4, SHEET 1 OR APPROACH SLAB \* 3" (IN) MINIMUM HAND REMOVAL IS INCIDENTAL TO ITEMS FOR WHICH PAYMENT IS MADE MIN. PLANED SURFACE IF NECESSARY, REMOVAL, HAUL & COMPACTED HMA OR BASE COURSE FOR MINOR PAVEMENT REPAIR IS INCIDENTAL TO OTHER ITEMS FOR WHICH PAYMENT IS MADE

## **DETAIL 8 CONCERTE TO ASPHALT BUTT JOINT** PLANING DETAIL



# DETAIL 9 PLANER DAMAGE DETAIL



**DETAIL 10 ASPHALT BUTT DETAIL** (SHOWING VERTICAL EDGE)

#### STAGE 1 HMA NOTCHED WEDGE JOINT IN ACCORDANCE WITH STANDARD SPEC. SECTION 5-04.3(12)B COMPACTED HMA STAGE 2 HMA IF TEMPORARY HMA IS USED, REMOVAL BY HAND METHODS IS REQUIRED TO NOT DAMAGE MEMBRANE STAGE 1 REMOVAL LIMIT -STAGE 2 STAGE 1 TEMPORARY MEMBRANE STAGE 1 WATERPROOF PROTECTION TO BE REMOVED WATERPROOF MEMBRANE IN STAGE 2 **MEMBRANE** CONCRETE 4:1 SLOPE DECK RAISED BRIDGE 6" (IN) WATERPROOF MEMBRANE LAP, COVERED WITH HEAVY WRAPPING PAPER OR OTHER

#### **DETAIL 11**

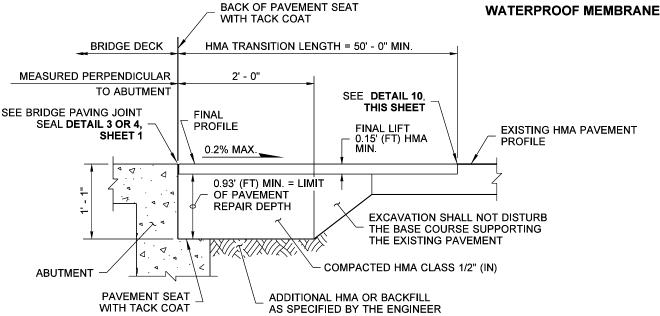
THE ENGINEER

MEMBRANE PROTECTION ACCEPTED BY

#### LONGITUDINAL PAVEMENT JOINT DETAIL WITH WATERPROOF MEMBRANE

MEMBRANE PRIMER PER MFG. SPECIFICATIONS WATERPROOF MEMBRANE

ISOMETRIC VIEW WATERPROOF MEMBRANE PLACEMENT



#### **DETAIL 12**

**PAVEMENT REPAIR** AT BACK OF PAVEMENT SEAT

(BRIDGE WITH HMA NOT SHOWN)

## **NOTES FOR DETAIL 12:** PAVEMENT REPAIR AT BACK OF PAVEMENT SEAT

- 1. Final profile grade shall transition per Standard Plan A-60.30 to the existing profile and use vertical control per Standard Specification Section 5-04.3(3)C.
- 2. The length of pavement repair for measurement and payment is the curb distance, measured along the back-of-pavement seat. Placement will be in accordance with Standard Specification Section 5-04.3(9).
- 3. Payment for final lift HMA is considered incidental to the item Pavement Repair, unless specified otherwise in the plans.
- 4. Mix design, design & acceptance is commercial HMA, unless specified otherwise in the plans.
- 5. Additional backfill up to one (1x) cubic yard is considered incidental to the item Pavement Repair.

SEE LONGITUDINAL PAVING

RECESSED DRAIN

DRAIN

JOINT DETAIL, THIS SHEET



ASPHALT TACK COAT

ON MEMBRANE

6" (IN) MIN. LAP

**BRIDGE DECK REPAIR** 

& CURE

UNIFORM

HMA DEPTH

√ୟ ROADWAY

# **JOINT SEALS** STANDARD PLAN A-40.20-04

**BRIDGE PAVING** 

SHEET 2 OF 2 SHEETS

