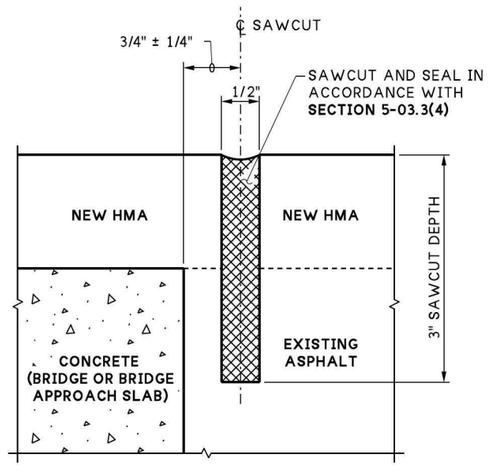
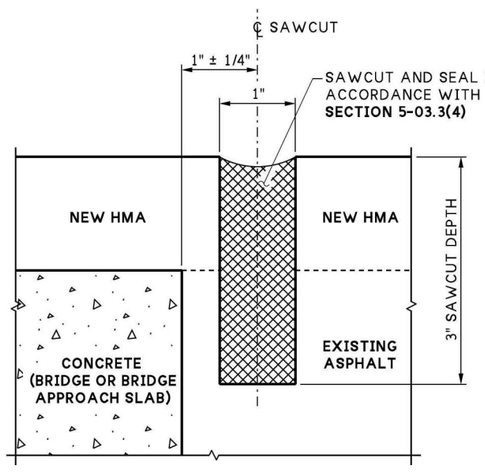
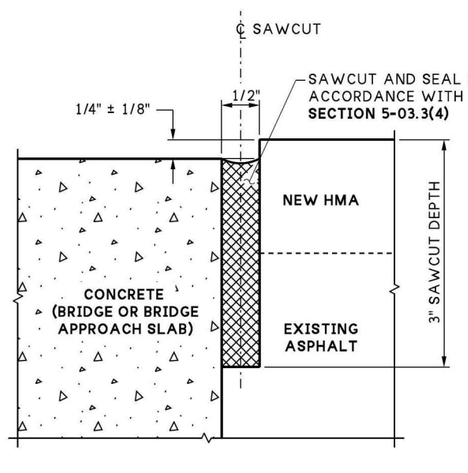
DRAWN BY: MICHAEL REED



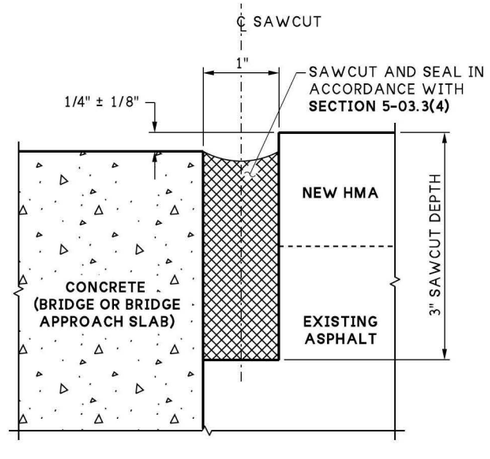
DETAIL 1
1/2 INCH JOINT SEAL AT END OF CONCRETE



DETAIL 2
1 INCH JOINT SEAL AT END OF CONCRETE



DETAIL 3
1/2 INCH CONCRETE ASPHALT BUTT JOINT

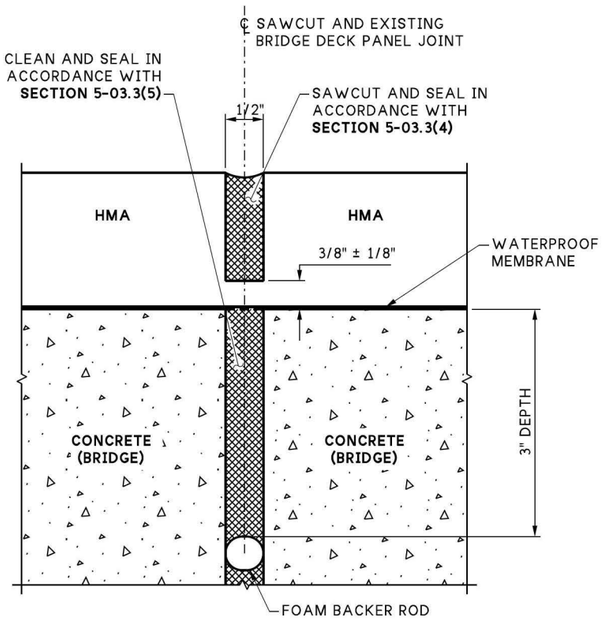


DETAIL 4
1 INCH CONCRETE ASPHALT BUTT JOINT

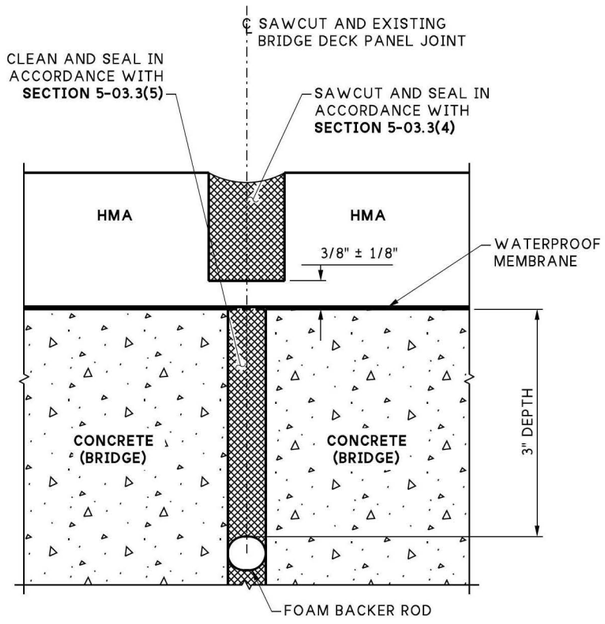
HMA JOINT SEALS AT BRIDGE ENDS

NOTES:

1. Use the 1/2 inch joint detail at end of bridge approach slabs, the roadway side of L- Type abutments, and all bridge joints where the distance to all adjacent bridge joints is less than or equal to 100 feet. Use the 1 inch joint detail for all other bridge joints.
2. Use **Details 5, 6,** and **7**, on steel trusses and timber bridges with concrete bridge deck panels.
3. For **Details 1, 2, 3,** and **4**, the item "**HMA JOINT SEAL AT BRIDGE END**" shall be used for payment. For **Details 5** and **6**, the item "**HMA JOINT SEAL AT BRIDGE DECK PANEL JOIN**T" shall be used for payment. For **Detail 7**. the item "**CLEAN AND SEAL BRIDGE DECK PANEL JOINT**" shall be used for payment.

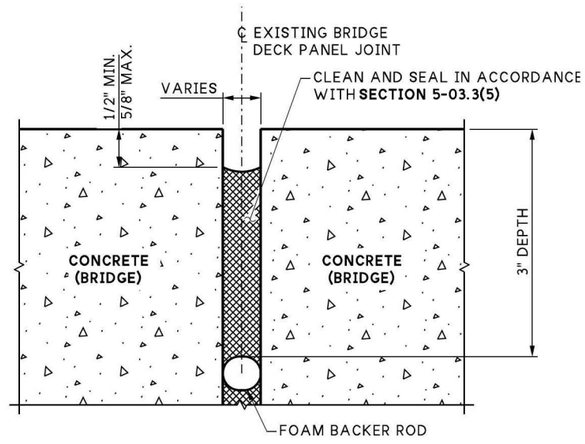


DETAIL 5
1/2 INCH JOINT AT BRIDGE DECK PANEL JOINT



DETAIL 6
1 INCH JOINT AT BRIDGE DECK PANEL JOINT

HMA JOINT SEALS AT BRIDGE DECK PANEL JOINTS



DETAIL 7

CLEAN AND SEAL BRIDGE DECK PANEL JOINT

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44257
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Aug 24, 2026

BRIDGE PAVING JOINT SEALS

STANDARD PLAN A-40.20-05

SHEET 1 OF 2 SHEETS

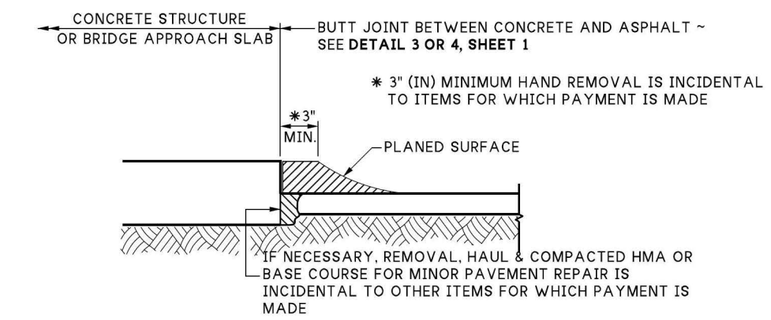
APPROVED FOR PUBLICATION

Mark A Bowers — Aug 24, 2026

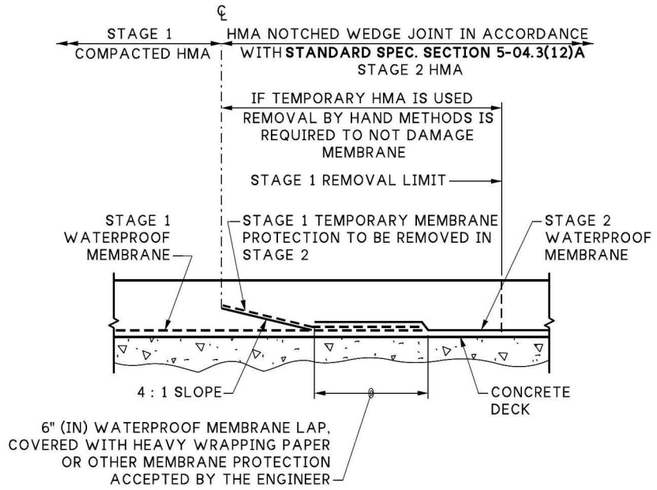
STATE DESIGN ENGINEER

Washington State Department of Transportation

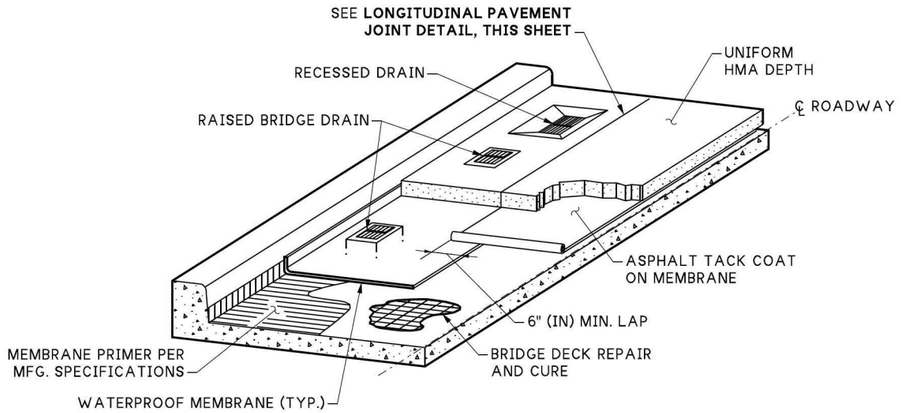
DRAWN BY: MICHAEL REED



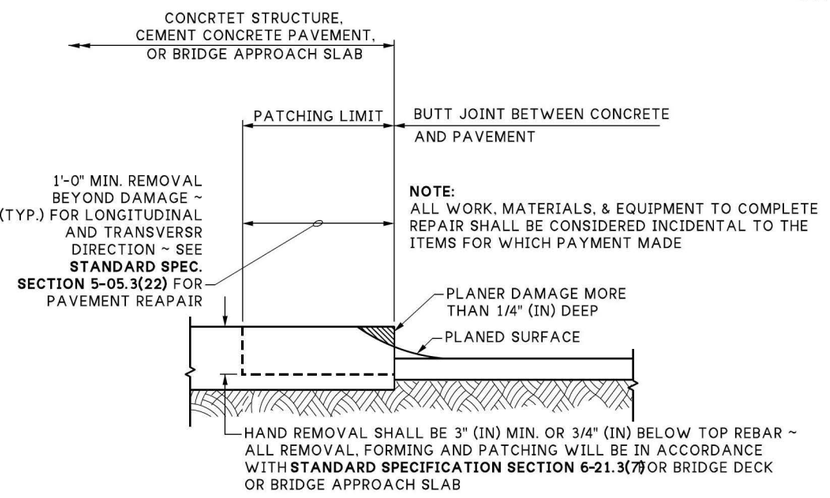
DETAIL 8
CONCRETE TO ASPHALT BUTT JOINT
PLANING DETAIL



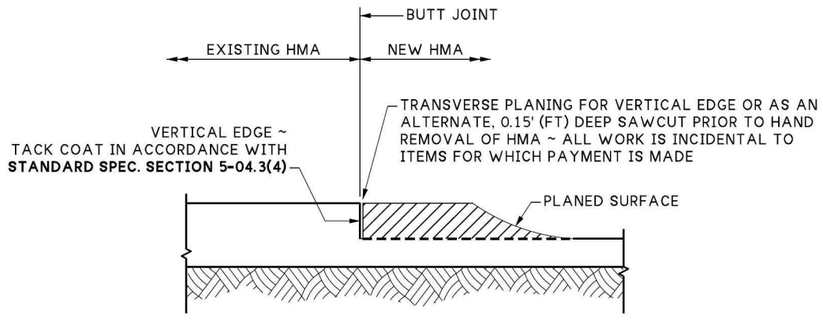
DETAIL 11
LONGITUDINAL PAVEMENT JOINT DETAIL WITH WATERPROOF MEMBRANE



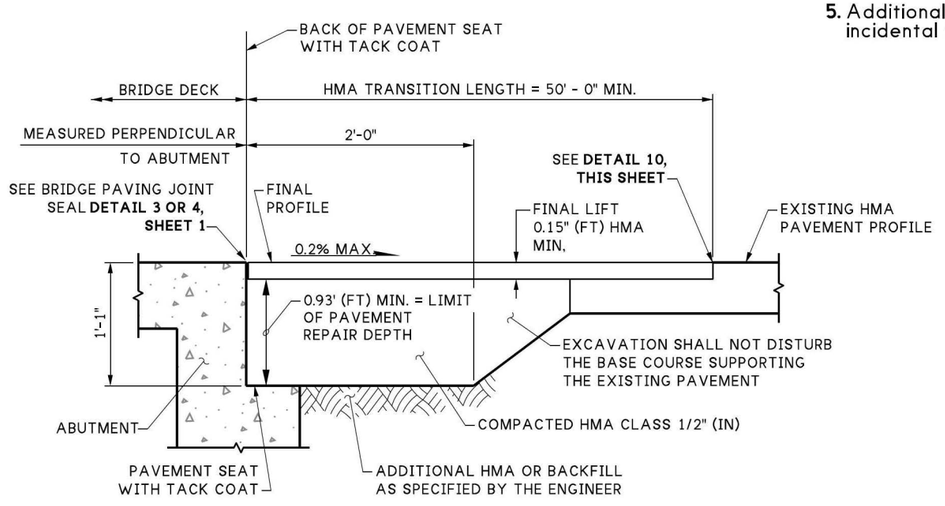
ISOMETRIC VIEW
WATERPROOF MEMBRANE PLACEMENT



DETAIL 9
PLANER DAMAGE DETAIL



DETAIL 10
ASPHALT BUTT DETAIL
(SHOWING VERTICAL EDGE)



DETAIL 12
PAVEMENT REPAIR
AT BACK OF PAVEMENT SEAT
(BRIDGE WITHOUT HMA SHOWN, BRIDGE WITH HMA SIMILAR)

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.
2. The length of pavement repair for measurement and payment is the curb to curb distance, measured along the back-of pavement seat. Placement will be in accordance with **Standard Specification Section 5-04.3(7)**.
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.

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SHEET 2 OF 2 SHEETS

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