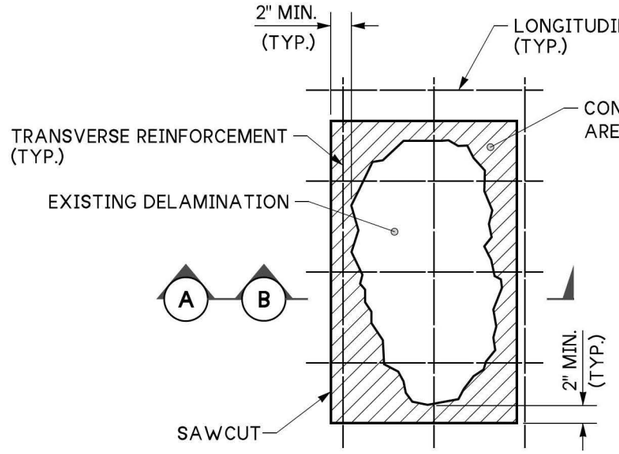
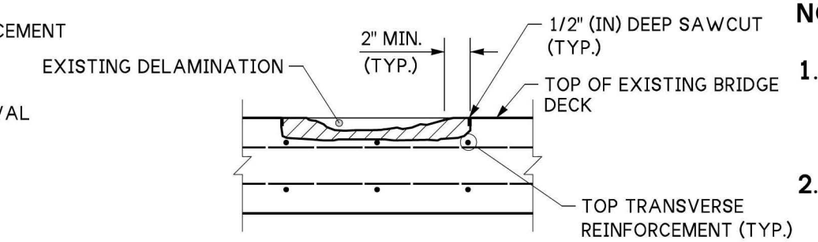
DRAWN BY: FERN LIDDELL

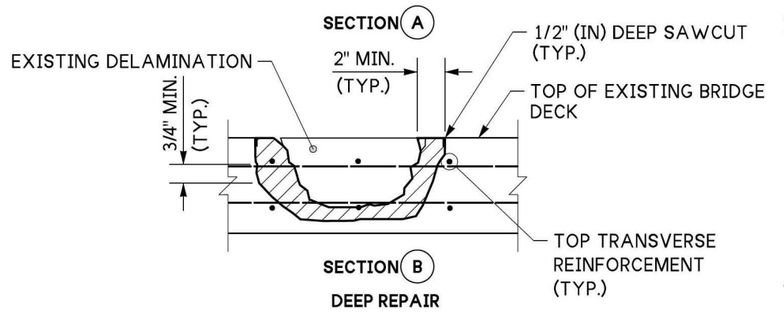


PLAN VIEW

FOR SHALLOW AND DEEP REPAIR



SHALLOW REPAIR

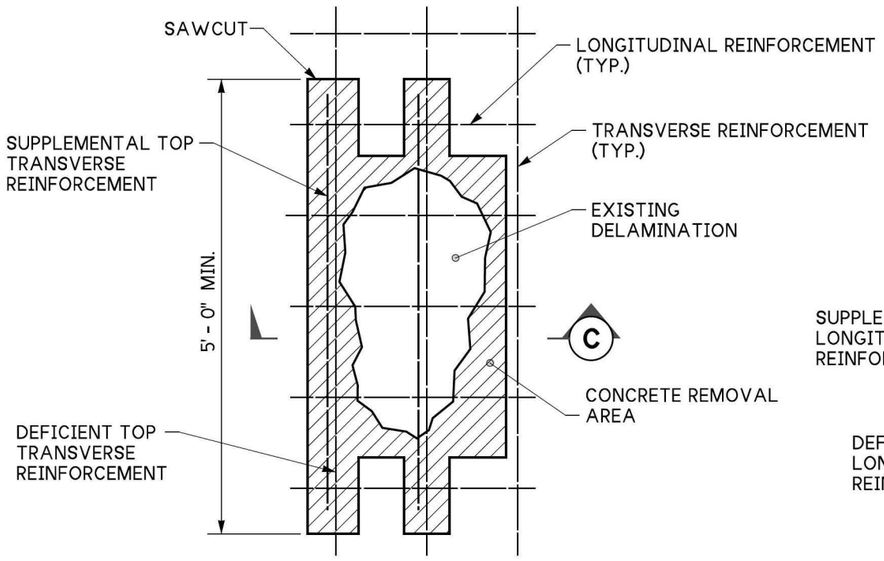


DEEP REPAIR

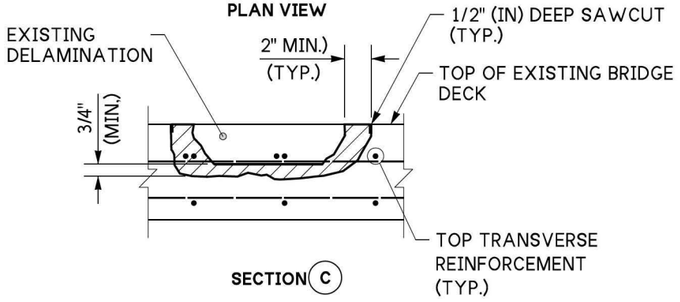
CONCRETE DECK REPAIR

NOTES:

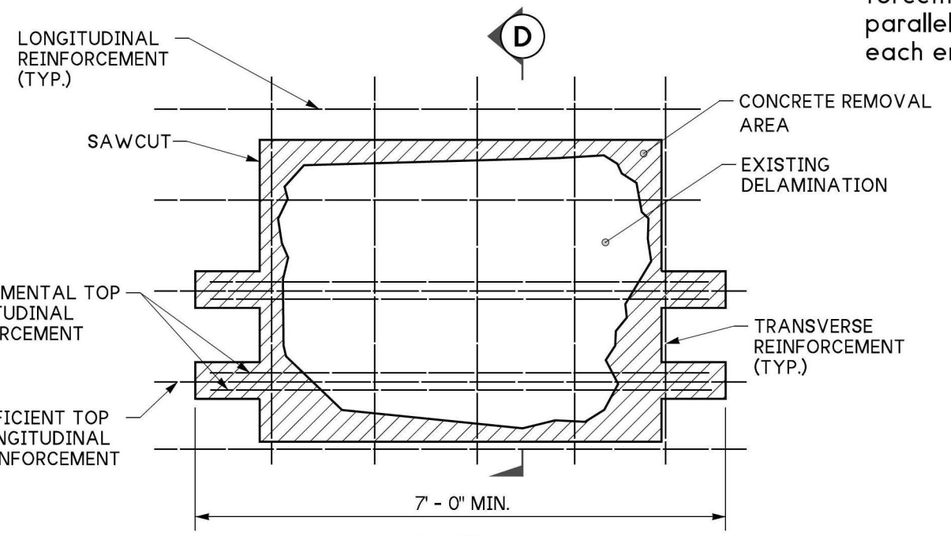
1. If a zone has reinforcing section loss or full depth repairs, then the concrete deck repair in each zone shall achieve 3,000 PSI before progressing to the adjacent zone.
2. Remove all concrete 3/4" (in) minimum clearance around all exposed reinforcement bars in accordance with **Standard Specification Section 6-21.3(7).**
3. For tension zones of continuous structures, when a longitudinal reinforcement bar has greater than 20% section loss (or damage), remove concrete a minimum of 3' - 6" on each side of section loss and place 2 supplemental reinforcement bars, adjacent and parallel to the deficient bar, extending 3' - 0" beyond each side having 20% section loss. Mechanical splices may be used to facilitate placement of #4 reinforcement bars.
4. For typical reinforcement repairs, when the reinforcement has greater than 20% section loss (or damage), remove concrete a minimum of 2' - 6" on each side of section loss, and replace with new supplemental reinforcement, same diameter as original, adjacent and parallel to the deficient bar, extending 2' - 3" beyond each end of section having 20% section loss.



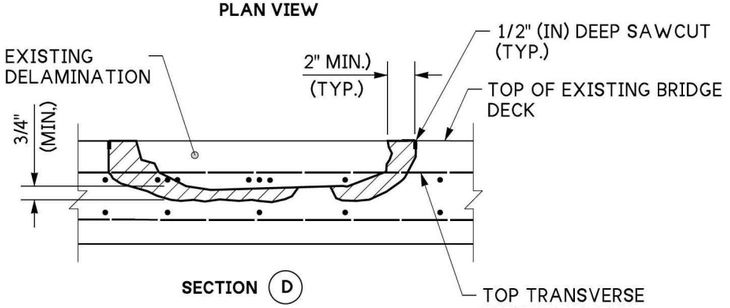
PLAN VIEW



TYPICAL REINFORCEMENT REPAIR



PLAN VIEW



LONGITUDINAL REINFORCEMENT REPAIR
(FOR TENSION ZONES OF CONTINUOUS STRUCTURES)

LEGEND

CONCRETE REMOVAL AREA

ANTHONY J.I. MIZUMORI
STATE OF WASHINGTON
44257
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER

Aug 24, 2026

CONCRETE DECK REPAIR FOR HMA OVERLAY

STANDARD PLAN A-60.40-01

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Mark A Dains Aug 24, 2026

STATE DESIGN ENGINEER

Washington State Department of Transportation