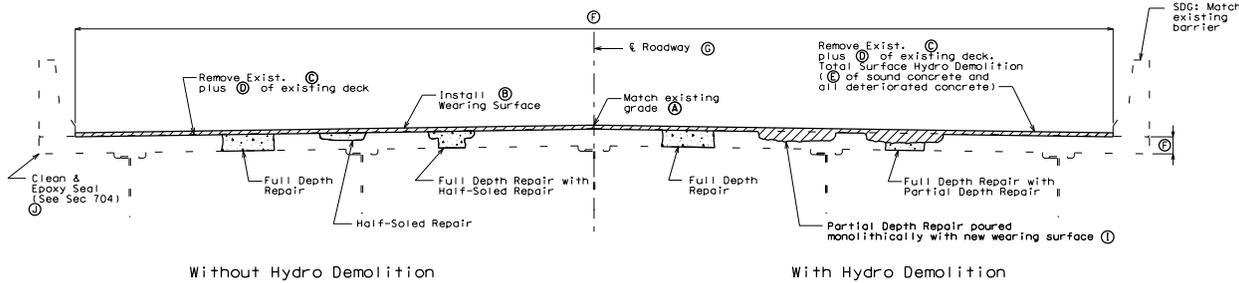


STANDARD DRAWING GUIDANCE (do not show on plans) :
 This is an index of Standard Drawing details. Modify as required.

For bridges with epoxy coated steel, see Sec 710 for repairing bars and add notes as necessary. See SPM.

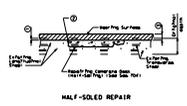
Wearing surface thickness can vary according to grade elevation requirements and minimum barrier curb height requirements. Max. thickness should be limited to 3" (Ref. Organizational Results Research Report DR06.004, May 2006).



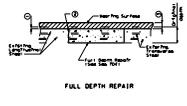
TYPICAL SECTION THRU EXISTING DECK

- (A) Match or show difference as plus/minus x" (e.g. $\pm 2\frac{1}{4}$ "). See Bridge Memorandum or SPM.
- (B) Identify new wearing surface and thickness. See Bridge Memorandum or SPM.
- (C) Identify existing wearing surface and thickness. See Bridge Memorandum or existing plans.
- (D) 1/4" typical. See Bridge Memorandum or SPM.
- (E) 1/2" min. See Bridge Memorandum for the minimum depth of total surface hydro demolition.
- (F) See existing plans.
- (G) Use appropriate reference line, i.e. $\&$ Structure, $\&$ Roadway, $\&$ Median, etc.
- (H) When detailing Epoxy Polymer Concrete Overlay, it is a preferred detailing practice to show a discernable overlay thickness on the plans.
- (I) Low Slump Concrete and Polyester Polymer Concrete are not allowed for Partial Depth Repair because they are too stiff to be poured monolithically and should only be used with Half-Soled Repair. Any other concrete wearing surface may be used for Partial Depth Repair.
- (J) May be used in place of Slab Edge Repair for "drain-thru curbs" on older bridge decks. Consult with SPM or SLE.

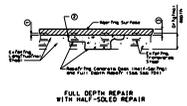
CIP DECK WITHOUT EXISTING WEARING SURFACE



HALF-SOLED REPAIR



FULL DEPTH REPAIR

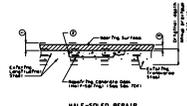


FULL DEPTH REPAIR WITH HALF-SOLED REPAIR

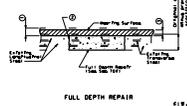
- ① See Note 1 for details on repair materials and placement.
- ② See Note 2 for details on repair materials and placement.
- ③ See Note 3 for details on repair materials and placement.
- ④ See Note 4 for details on repair materials and placement.
- ⑤ See Note 5 for details on repair materials and placement.
- ⑥ See Note 6 for details on repair materials and placement.
- ⑦ See Note 7 for details on repair materials and placement.
- ⑧ See Note 8 for details on repair materials and placement.
- ⑨ See Note 9 for details on repair materials and placement.
- ⑩ See Note 10 for details on repair materials and placement.

GENERIC DECK REPAIR DETAILS

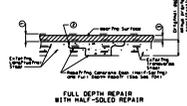
CIP DECK WITH EXISTING WEARING SURFACE



HALF-SOLED REPAIR



FULL DEPTH REPAIR

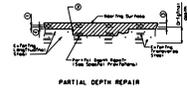


FULL DEPTH REPAIR WITH HALF-SOLED REPAIR

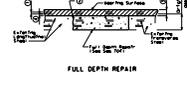
- ① See Note 1 for details on repair materials and placement.
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- ⑧ See Note 8 for details on repair materials and placement.
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- ⑩ See Note 10 for details on repair materials and placement.

GENERIC DECK REPAIR DETAILS

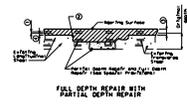
CIP DECK WITHOUT EXISTING WEARING SURFACE-HYDRO DEMOLITION



PARTIAL DEPTH REPAIR



FULL DEPTH REPAIR

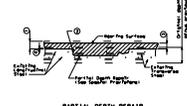


FULL DEPTH REPAIR WITH PARTIAL DEPTH REPAIR

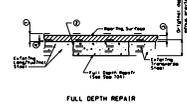
- ① See Note 1 for details on repair materials and placement.
- ② See Note 2 for details on repair materials and placement.
- ③ See Note 3 for details on repair materials and placement.
- ④ See Note 4 for details on repair materials and placement.
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- ⑩ See Note 10 for details on repair materials and placement.

GENERIC DECK REPAIR DETAILS

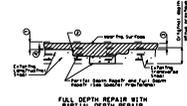
CIP DECK WITH EXISTING WEARING SURFACE-HYDRO DEMOLITION



PARTIAL DEPTH REPAIR



FULL DEPTH REPAIR

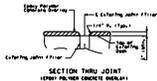


FULL DEPTH REPAIR WITH PARTIAL DEPTH REPAIR

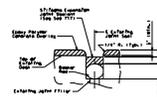
- ① See Note 1 for details on repair materials and placement.
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GENERIC DECK REPAIR DETAILS

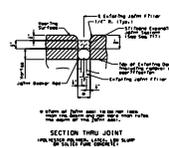
USE FOR APPLICATIONS WITHOUT HYDRO DEMOLITION ONLY



SECTION THRU JOINT (LEFT POLYMER CONCRETE OVERLAY)

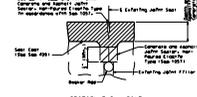


SECTION THRU JOINT (LEFT POLYMER CONCRETE OVERLAY)

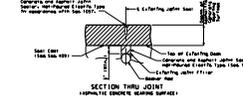


SECTION THRU JOINT (LEFT POLYMER CONCRETE OVERLAY)

USE FOR ALL APPLICATIONS



SECTION THRU JOINT (LEFT POLYMER CONCRETE OVERLAY)



SECTION THRU JOINT (LEFT POLYMER CONCRETE OVERLAY)