

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.

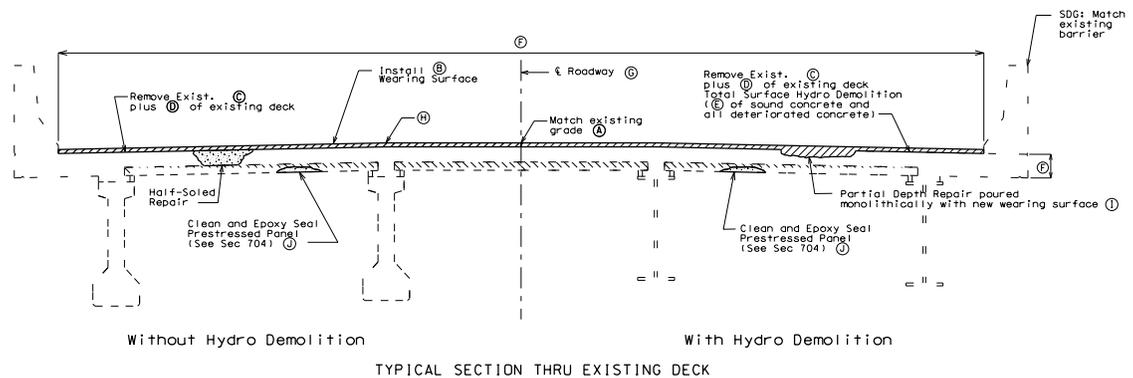
Consideration shall be made for additional notes for repairing deterioration of the precast prestressed panels. See SPM.

Details for Precast Prestressed Panel Repairs are shown transverse because typically deterioration follows the strand closest to the panel edge, referred to as a "joint".

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 OR06.004, May 2006).

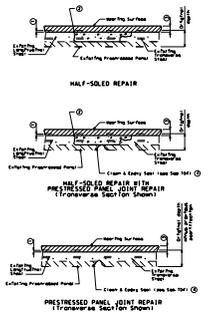
For repairs of deck cantilever, use appropriate details from CIP Deck Repair.

(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 SPM.
 (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. ϵ Structure, ϵ Roadway, ϵ 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) - Remove all deteriorated concrete from transverse Prestressed Panel Joint and seal with epoxy. Instruction may need to be given on plans regarding limits of concrete removal with respect to preserving prestressing development. See Sec 704.



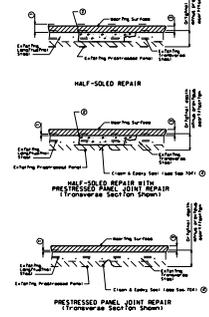
TYPICAL SECTION THRU EXISTING DECK

DECK ON P/C P/S PANELS WITHOUT EXISTING WEARING SURFACE



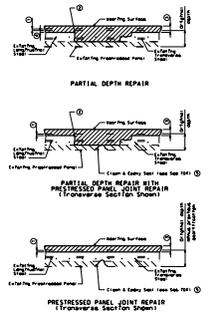
- ① See Sec 704 for details on concrete repair.
 - ② See Sec 704 for details on epoxy sealant.
 - ③ See Sec 704 for details on wearing surface.
 - ④ See Sec 704 for details on joint repair.
 - ⑤ See Sec 704 for details on prestressing.
- DECK REPAIR DETAILS

DECK ON P/C P/S PANELS WITH EXISTING WEARING SURFACE



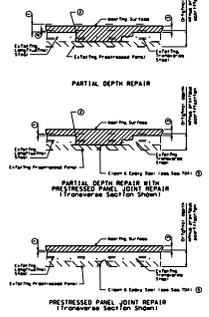
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 - ④ See Sec 704 for details on joint repair.
 - ⑤ See Sec 704 for details on prestressing.
- DECK REPAIR DETAILS

DECK ON P/C P/S PANELS WITHOUT EXISTING WEARING SURFACE-HYDRO DEMOLITION



- ① See Sec 704 for details on concrete repair.
 - ② See Sec 704 for details on epoxy sealant.
 - ③ See Sec 704 for details on wearing surface.
 - ④ See Sec 704 for details on joint repair.
 - ⑤ See Sec 704 for details on prestressing.
- DECK REPAIR DETAILS

DECK ON P/C P/S PANELS WITH EXISTING WEARING SURFACE-HYDRO DEMOLITION



- ① See Sec 704 for details on concrete repair.
 - ② See Sec 704 for details on epoxy sealant.
 - ③ See Sec 704 for details on wearing surface.
 - ④ See Sec 704 for details on joint repair.
 - ⑤ See Sec 704 for details on prestressing.
- DECK REPAIR DETAILS