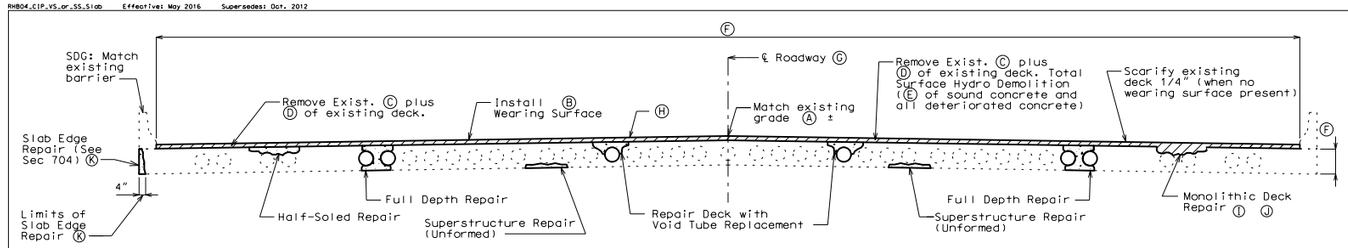
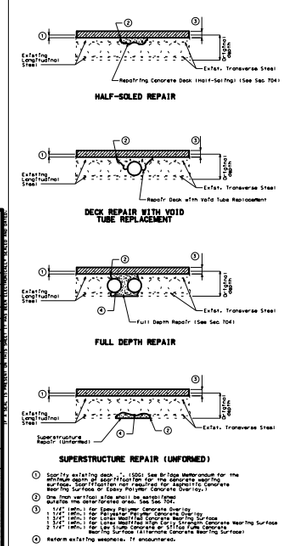
# USE $\frac{1}{2}$" BORDER WITH DETAILS

RHB04_CIP_VS_or_SS_Slab  Effective: May 2016  Supersedes: Oct. 2012



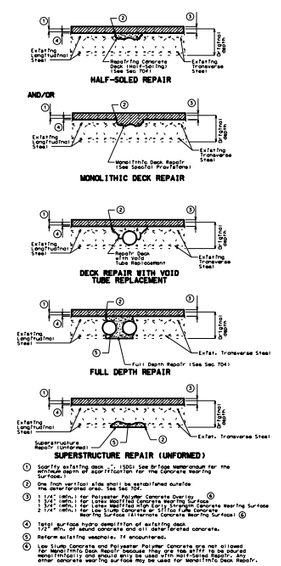

TYPICAL SECTION THRU EXISTING DECK

## VOIDED SLAB WITHOUT EXISTING WEARING SURFACE



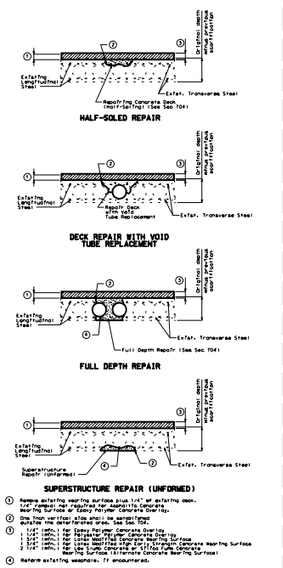

DECK REPAIR DETAILS

## VOIDED SLAB WITHOUT EXISTING WEARING SURFACE—HYDRO DEMOLITION



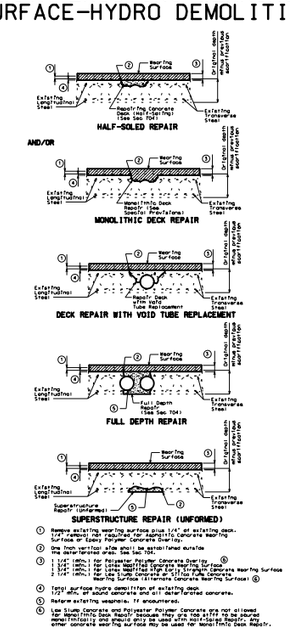

DECK REPAIR DETAILS

## VOIDED SLAB WITH EXISTING WEARING SURFACE




DECK REPAIR DETAILS

## VOIDED SLAB WITH EXISTING WEARING SURFACE—HYDRO DEMOLITION




DECK REPAIR DETAILS

STANDARD DRAWING GUIDANCE
(do not show on plans):

This is an index of Standard Drawing details. Modify as required.

For Solid Slabs, all details shall be modified by removing voids and all notes pertaining to void repair.

District/SPM typically estimates the percentage of void tube replacement.

Transverse repair zoning over intermediate bents is required for these structures. Longitudinal repair zoning in spans is required only when hydro demolition is required and is based on anticipated quantity of deck repair if not overlayed, confidence of anticipated quantity of deck repair if overlayed, deck rating (e.g. 6 or better may not need zoning). See EPG 751.40 (If only transverse zoning is required, Zones shall be called "Special Repair Zones").

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).

Ⓐ Match or show difference as plus/minus X"±, see Bridge Memo or SPM. e.g. Match existing grade plus $2\frac{1}{4}$"±

Ⓑ Identify new wearing surface and thickness. See Bridge Memorandum or SPM.

Ⓒ Identify existing wearing surface and thickness. See Bridge Memorandum or existing plans.

Ⓓ 1/4" typical. See Bridge Memorandum or SPM.

Ⓔ 1/2" min. See Bridge Memorandum for the minimum depth of total surface hydro demolition.

Ⓕ See existing plans.

Ⓖ Use appropriate reference line, ie. ℄ Structure, ℄ Roadway, ℄ Median, etc.

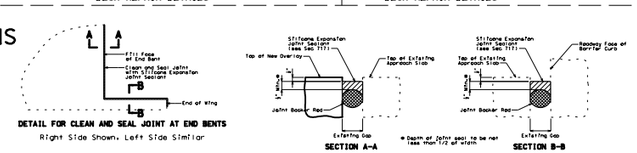
Ⓗ When detailing Epoxy Polymer Concrete Overlay, it is a preferred detailing practice to show a discernable overlay thickness on the plans.

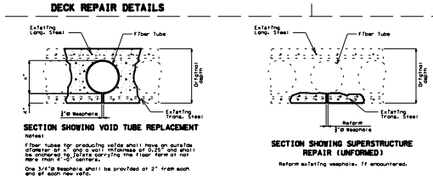
Ⓘ Monolithic Deck Repair should only be allowed where anticipated quantity of deck repair is not significant and longitudinal zoning is not required.

Ⓙ Low Slump Concrete and Polyester Polymer Concrete are not allowed for Monolithic Deck 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 Monolithic Deck Repair.

Ⓚ Clean & Epoxy Seal may be used in place of Slab Edge Repair for "drain-thru curbs" on older bridge decks. Consult with SPM or SLE.

USE FOR ALL APPLICATIONS




U.I.P. AND REHABILITATE EXISTING (#) # SPANS

REPAIRS TO BRIDGE: ROUTE # OVER #

ROUTE # FROM # TO #
ABOUT # MILES # OF #
STA. ..... (Ahead Ahead)

Designed
Detailed
Checked

Sheet No. 1 of

SEC/SUR #  TRP #  RCE #

THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

SITE PROGRAM: 5/26/2016
BR NO. 1
PROJECT NO.
CONTRACT NO.
PROJECT NO.
STANDARD NO. RHB04

DESCRIPTION
DATE

OREGON DEPARTMENT OF TRANSPORTATION
1158 DESIGN
1158 DESIGN
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