NOTES

1. Install tie bars across longitudinal joints between new panels (complete and partial) and existing cement concrete pavement lane or shoulder when four or more adjacent panels are replaced. Place new tie bars between existing tie bars. Tie bars are not installed between cement concrete pavement and hot mix asphalt shoulders.

2. Place a bond-breaking material such as polyethylene film, roofing paper, or other material approved by the Engineer along all existing concrete surfaces and between the bottom of the slab and bases prior to placing concrete.

3. Place new dowel bars between existing dowel bars. The 1'-0" dimension from the edge of the panel may be increased by 6" (in) to avoid bar in existing panel.

4. Bars shall meet the requirements of Standard Specification 9-07.5(1) or 9-07.5(2).

NEW DOWEL BAR – 1 1/2" (IN) DIAM. × 18" (IN)

Sooooooooo

NEW DOWEL BAR – 1 1/2" (IN) DIAM. × 18" (IN)

SAWED GROOVE – SEE STD. PLAN A-60.10

1/2 CONCRETE PAVEMENT DEPTH

DRILL 1 3/4" (IN) MIN. TO 2" (IN) MAX. DIAM. × 9" (IN) LONG HOLE IN EXISTING CEMENT CONCRETE FOR NEW DOWEL BAR (TYP.)

SECTION A

1. 3'-0" MAX. ON CENTER
2. 1'-0" MIN. TO 3'-0" MAX.
3. 1'-0" MIN. TO 3'-0" MAX.
4. 3'-0" MAX. ON CENTER

EXISTING TRANVERSE JOINT

EXISTING LONGITUDINAL JOINT

EXISTING CEMENT CONCRETE PAVEMENT

FULL PANEL REPLACEMENT

NEW DOWEL BARS – 12" ON CENTER

SAWED GROOVE (TYP.)

EXISTING CEMENT CONCRETE PAVEMENT

PLAN VIEW

FULL PANEL REPLACEMENT DETAIL

CEMENT CONCRETE PAVEMENT

REHABILITATION

STANDARD PLAN A-60.10-03

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Washington State Department of Transportation

Baketch, Pando

December 15, 2014 4:09 PM

Jeff

DRAWN BY COLBY FLETCHER

NOTES
PLAN VIEW
PARTIAL PANEL REPLACEMENT
WITHOUT JOINT REPLACEMENT

PLAN VIEW
PARTIAL PANEL REPLACEMENT
WITH JOINT REPLACEMENT

NEW TIE BAR = #5 x 30" (IN)

NEW TIE BAR = #5 x 30" (IN)

CEMENT CONCRETE
PAVEMENT
REHABILITATION
STANDARD PLAN A-60.10-03

SECTION B