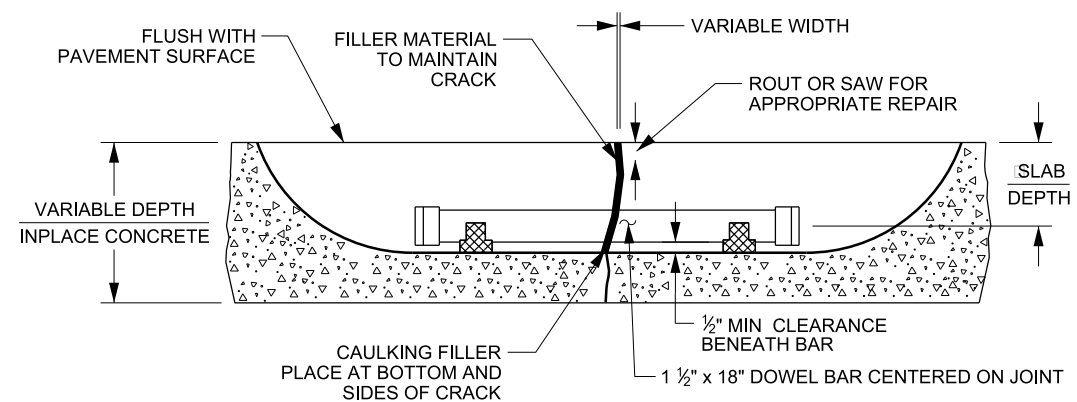
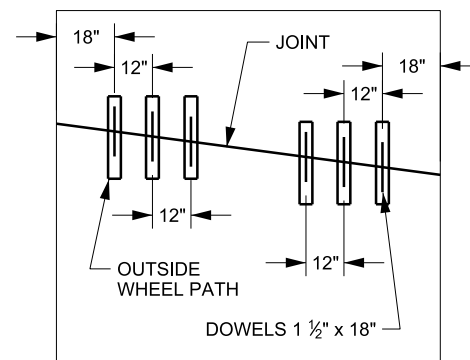


**PLAN**

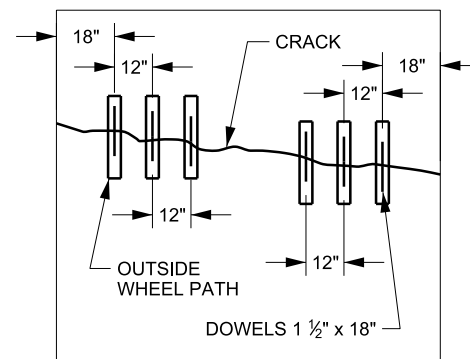


**ELEVATION**  
SEE NOTE 2

**TYPICAL LANE**  
SEE NOTES 3 & 4



**JOINT RETROFIT DOWEL LAYOUT**



**CRACK RETROFIT DOWEL LAYOUT**  
(FOR MID-PANEL CRACK)

**NOTES:**

1. THIS REPAIR IS INTENDED TO BE USED TO ESTABLISH/RESTORE LOAD TRANSFER AT JOINTS OR CRACKS
2. PROVIDE 1/2 INCH MINIMUM CLEARANCE AROUND BAR EXCEPT FOR DEPTH OF COVER.
3. PROVIDE DOWEL BARS PARALLEL TO THE CENTERLINE AND TO THE PAVEMENT SURFACE.
4. LIMIT DEVIATIONS FROM PARALLEL TO 1/4 INCH IN THE LENGTH OF THE DOWEL BARS.

**SUPPLEMENTAL DRAWING**

REVISIONS		NO.	DATE	APPR.	REMARKS
1	02/28/13	BA			NEW DRAWING TO COVER ACCIDENTAL DELETION OF DRAWING FOR 2012 STANDARDS.

**UTAH DEPARTMENT OF TRANSPORTATION**  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL  
*Randy R. Park*  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED

DATE  
FEB. 28, 2013

DEPUTY DIRECTOR  
*Carla*  
DATE  
FEB. 28, 2013

**DOWEL BAR RETROFIT**

STANDARD DRAWING TITLE

STD. DWG. NO.  
**PV 9**