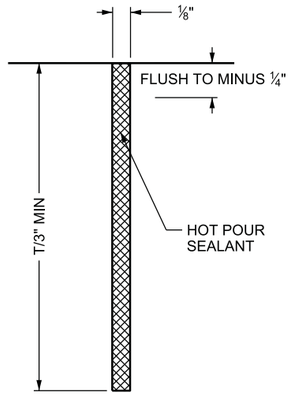
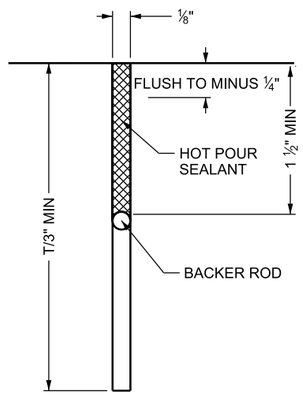
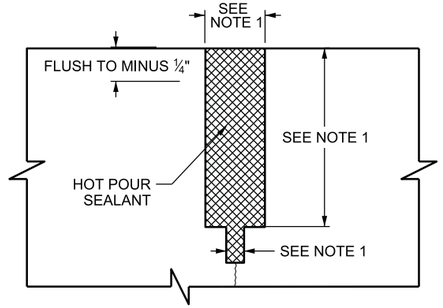


DETAIL "A"



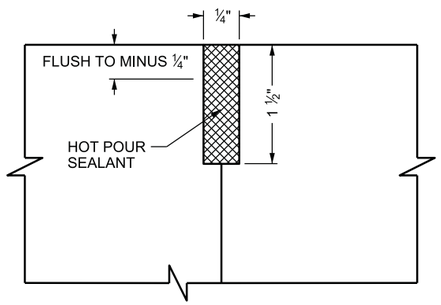
DETAIL "B"

OPTIONAL INSTALLATION

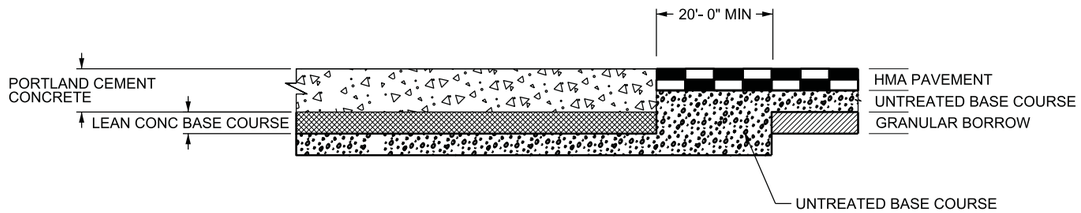


DETAIL "D"

REHABILITATION OF EXISTING SILICONE JOINT



DETAIL "C"



DETAIL "E"

CONCRETE TO FLEXIBLE
PAVEMENT TRANSITION

NOTES:

1. DIMENSIONS MAY VARY DEPENDING ON ORIGINAL JOINT CONSTRUCTION.

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION

STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN. 01, 2017 — DATE — DEPUTY DIRECTOR

CHAIRMAN STANDARDS COMMITTEE
APPROVED — JAN. 01, 2017 — DATE

CONCRETE PAVEMENT DETAILS 1 OF 2

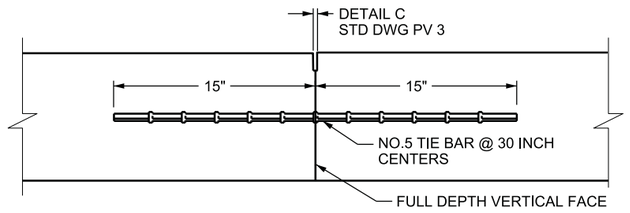
STANDARD DRAWING TITLE

STD. DWG. NO.

PV 3

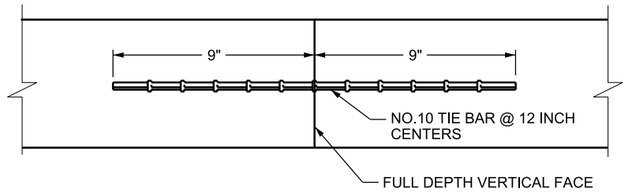
DGN File:L:\Standard Drawings\Imperial\2017 Approved\1-All Drawings\PV03.dgn
28-NOV-2016

Implementation 01-09-2017

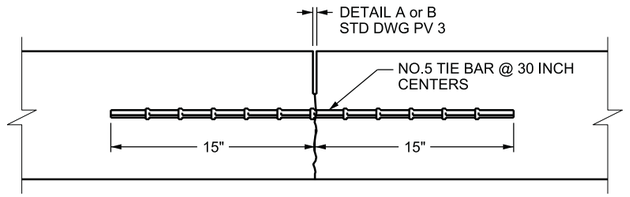


LONGITUDINAL CONTACT JOINT DETAIL "A"

NOTE: NO. 5 TIE BAR @ 15 INCH CENTERS IF DRILLED AND EPOXIED.

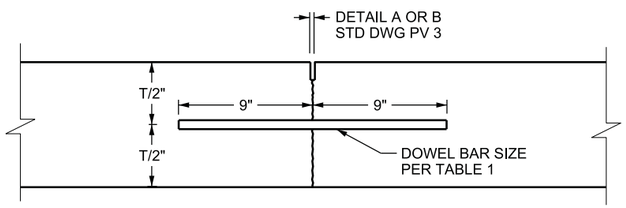


MID-PANEL CONTACT JOINT DETAIL "B"



SAWED LONGITUDINAL JOINT DETAIL "C"

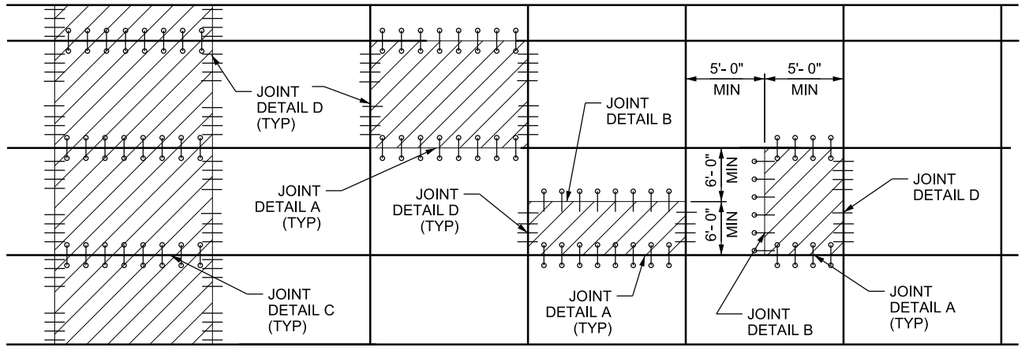
(T/3 SAW CUT W/ AGGREGATE INTERLOCK BELOW)



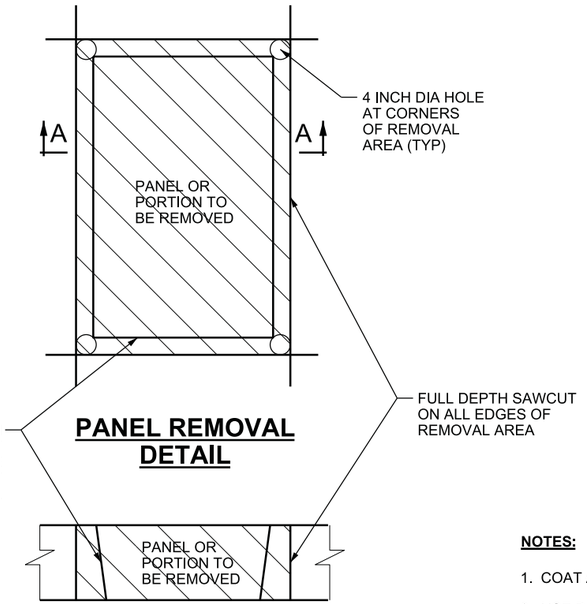
LOAD TRANSFER DOWEL BAR JOINT DETAIL "D"

INSTALL DOWEL BARS PARALLEL TO THE CENTERLINE AND TO THE PAVEMENT SURFACE.
LIMIT DEVIATIONS FROM PARALLEL TO ± ¼ INCH IN THE LENGTH OF THE DOWEL BAR.

JOINT SECTION DETAILS

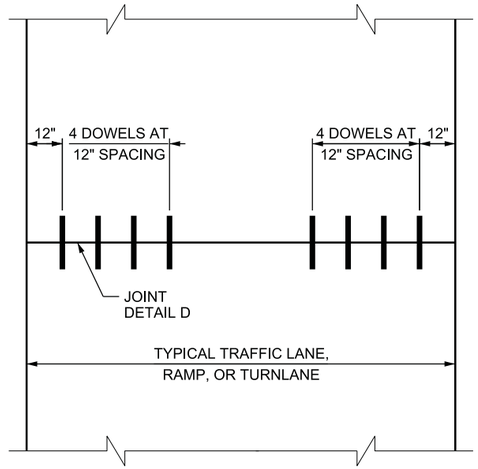


TYPICAL PAVEMENT PANEL REPLACEMENT



PANEL REMOVAL DETAIL

SECTION A-A



LOAD TRANSFER DOWEL BAR LAYOUT FOR NEW PAVEMENT

TABLE 1	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
LESS THAN 9"	1"
≥ 9" AND < 11"	1.25"
11" OR GREATER	1.5"

NOTES:

1. COAT ALL BARS ACCORDING TO STANDARD SPECIFICATION 03211.
2. USE DEFORMED REINFORCING BAR FOR TIE BARS.
3. USE SMOOTH DOWEL BARS.
4. MAKE FULL DEPTH SAWCUT AROUND ALL EDGES OF PANELS OR PORTIONS REPLACED. MINIMIZE OVERCUT INTO ADJACENT PANELS.
5. REPLACE THE ENTIRE PANEL WHEN REPLACING A PARTIAL PANEL IF THE WIDTH OF REMAINING PORTION IS LESS THAN THE MINIMUM SHOWN.
6. DO NOT INSTALL DOWEL BARS IN THE SHOULDERS UNLESS DIRECTED TO DO SO BY THE PROJECT SPECIFIC SPECIAL PROVISION OR PLAN SHEET.
7. PARTIAL PANEL REPLACEMENTS APPLY ONLY TO THE REHABILITATION OF EXISTING PAVEMENTS AND NOT TO PROJECTS CONSTRUCTING NEW OR ORIGINAL PAVEMENT. REPAIRS TO PAVEMENT ON NEW PROJECTS REQUIRE FULL PANEL REPLACEMENT.
8. ELIMINATE TIE BARS THAT INTERFERE WITH "LOAD TRANSFER DOWEL BARS".

REVISIONS

NO.	DATE	APPR.	REMARKS

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

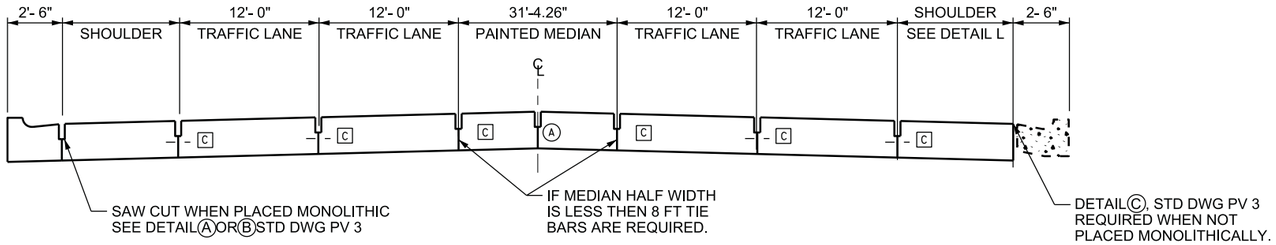
RECOMMENDED FOR APPROVAL — JAN.01, 2017 DATE
CHAIRMAN STANDARDS COMMITTEE APPROVED — JAN.01, 2017 DATE
DEPUTY DIRECTOR

CONCRETE PAVEMENT DETAILS 2 OF 2
STANDARD DRAWING TITLE

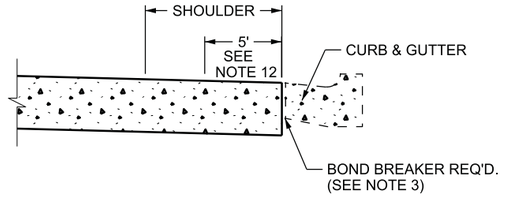
STD. DWG. NO.
PV 4

DGN File: L:\Standard Drawings\Imperial\2017 Approved\1-All Drawings\PV004.dgn
28-NOV-2016

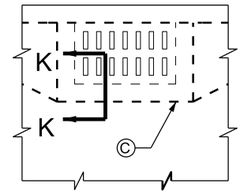
Implementation 01-09-2017



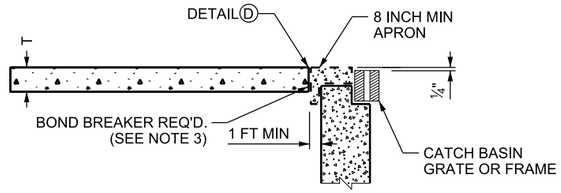
PAVEMENT TRANSITION



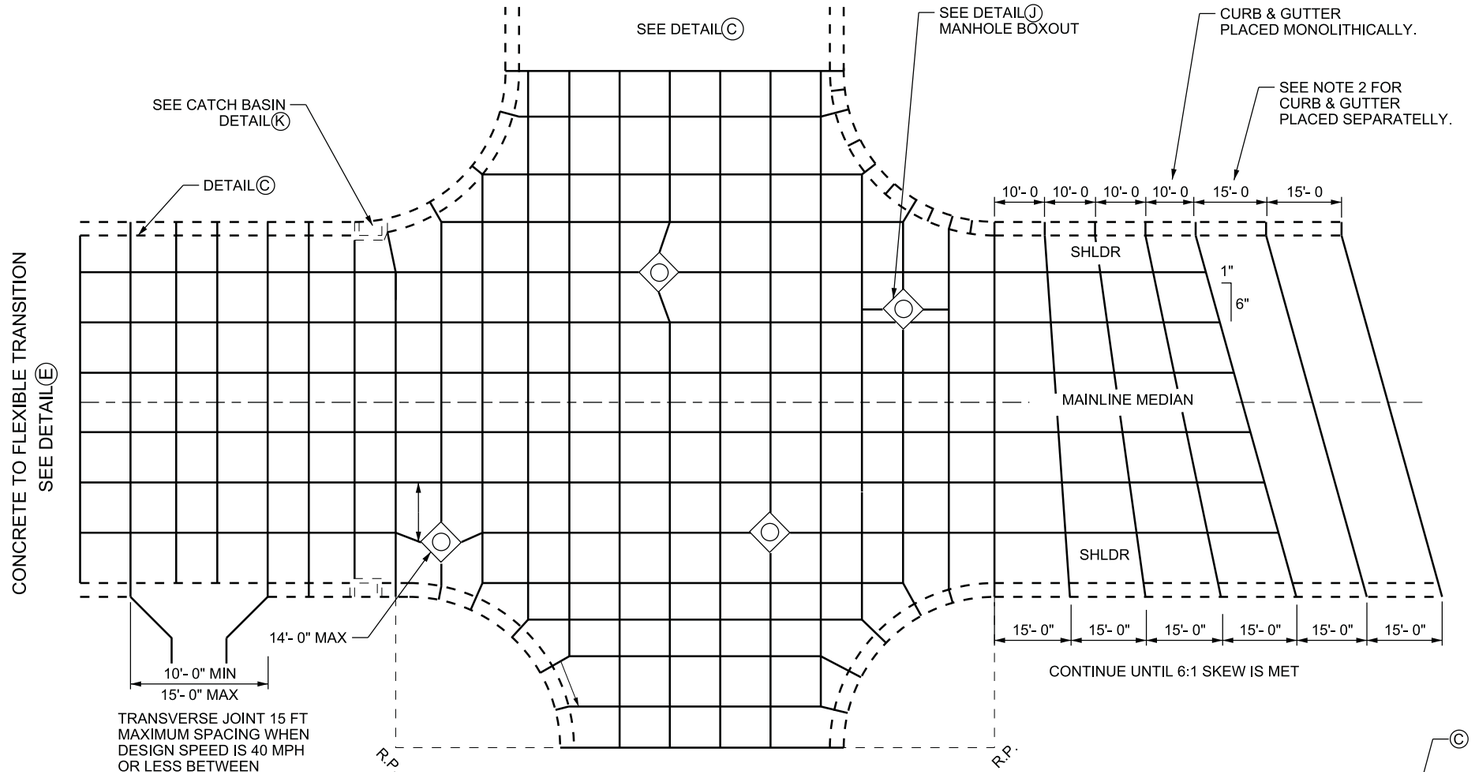
DETAIL L



CATCH BASIN
DETAIL K



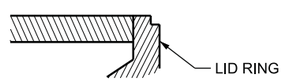
SECTION K- K



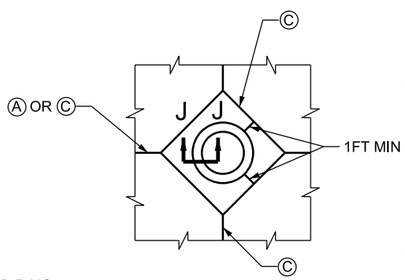
CONCRETE TO CONCRETE TRANSITION

SEE NOTE 7.

INTERSECTION JOINT LAYOUT



SECTION J- J



MANHOLE BOXOUT
DETAIL J

NOTES:

1. CURB & GUTTER JOINTS TO BE CONTINUOUS WITH PAVEMENT WHEN PLACED MONOLITHICALLY WITH PAVEMENT.
2. CURB & GUTTER JOINTS NORMAL TO THE FLOWLINE AND AT ONE HALF THE PAVEMENT JOINT SPACING, WHEN PLACED SEPARATELY FROM THE PAVEMENT.
3. PLACE A BOND BREAKER AS SHOWN IN DETAIL L AND SECTION K-K WHERE CONCRETE PAVEMENT IS PLACED AGAINST EXISTING CURB & GUTTER, DRIVEWAYS AND WALKWAYS.
4. REFER TO PROJECT SPECIFICATIONS FOR JOINT INFORMATION AND DETAILS.
5. PREFERRED TRANSVERSE JOINT LOCATIONS ARE: MORE THAN 5 FT FROM LARGE APPURTENANCES WITH NO BOXOUT: OR AT THE CORNER OF RECTANGULAR BOXOUTS OR APPURTENANCES.
6. SHORTEN ONE OR MORE PANELS EITHER SIDE OF OPENING TO PERMIT JOINT TO FALL AT CORNERS OF RECTANGULAR STRUCTURES WHEN A JOINT FALLS WITHIN 5 FT OF OR CONTACTS BASINS, MANHOLES, OR OTHER STRUCTURES.
7. DETAIL C REQUIRED. WHEN CROSS STREET IS CONCRETE AND AT STRUCTURES.
8. SEE STD DWG GW 3 FOR CURB & GUTTERS DETAILS.
9. SEE STD DWG GW 6 FOR DRIVEWAY DETAILS.
10. LETTER INSIDE ◯ DENOTES DETAIL, STD DWG PV 3
11. LETTER INSIDE ☐ DENOTES DETAIL, STD DWG PV 4
12. SLOPE OF 5 FT SECTION NEXT TO CURB AND GUTTER MAY BE STEEPENED TO MATCH LIP OF EXISTING GUTTER.

REVISIONS

NO.	DATE	APPR.	REMARKS

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

RECOMMENDED FOR APPROVAL — JAN.01, 2017 DATE
CHAIRMAN STANDARDS COMMITTEE
APPROVED — JAN.01, 2017 DATE
DEPUTY DIRECTOR

URBAN CONCRETE
PAVEMENT DETAILS

STANDARD DRAWING TITLE

STD. DWG. NO.
PV 5

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