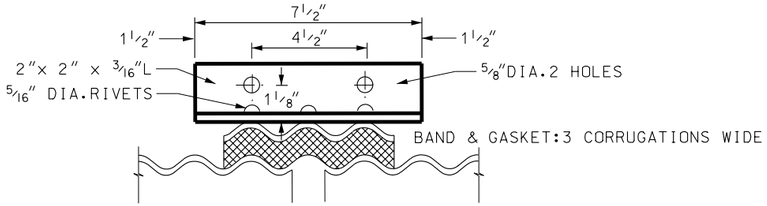
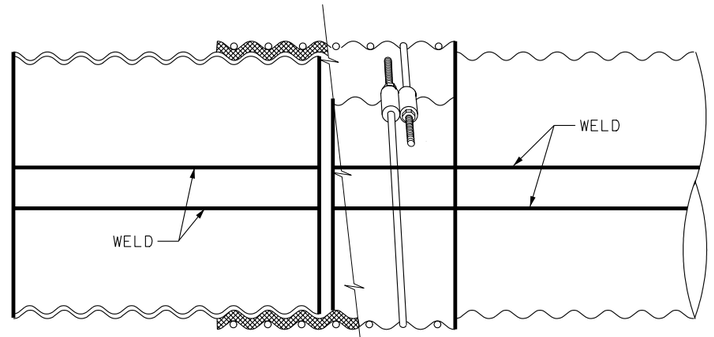
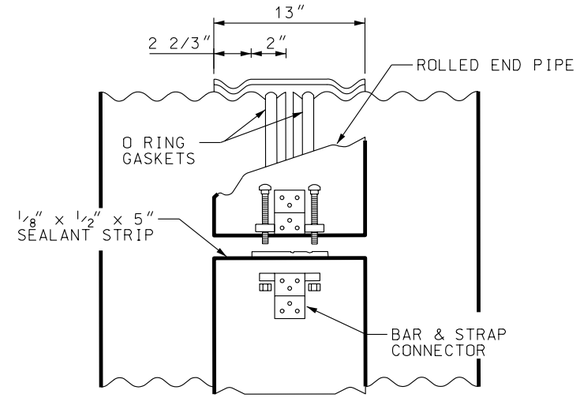


18"– 30" DIAMETER INCLUSIVE



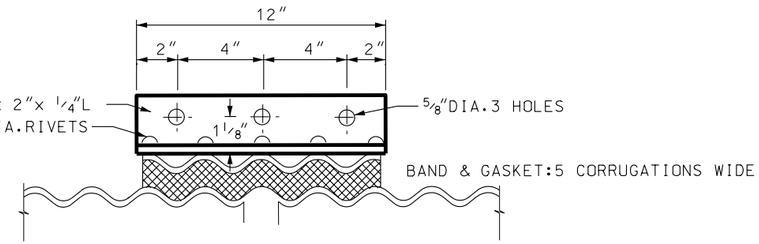
BAND WIDTH

7.5"FOR 18"– 30" DIA. CMP INCLUSIVE
12" FOR 36"– 60" DIA. CMP INCLUSIVE
24" FOR 66"– 84" DIA. CMP INCLUSIVE
1 PIECE BAND FOR 18" – 42" DIA. CMP
2 PIECE BAND FOR 48" – 84" DIA. CMP

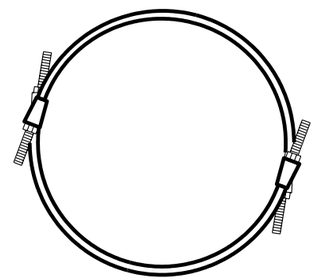


BAND THICKNESS: MATCH PIPE WALL THICKNESS, BUT IN NO CASE LESS THAN 16 GAUGE AND NEED NOT EXCEED 14 GAUGE. USE TWO PIECE BAND FOR PIPE OVER 42" DIAMETER.

TYPE "C"

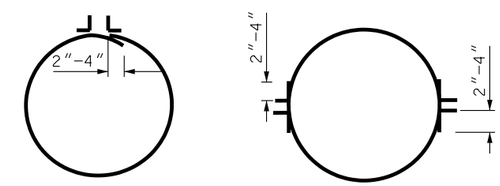


36"– 60" DIAMETER INCLUSIVE



TYPE "B" CMP COUPLING

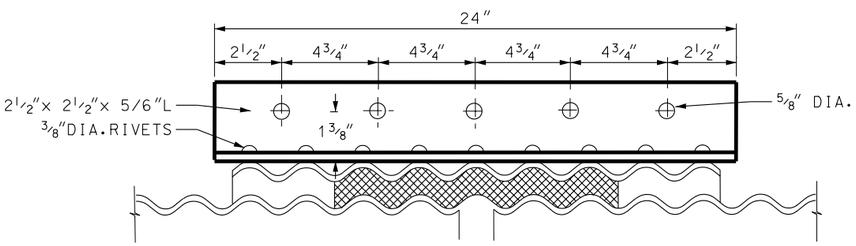
LONGITUDINAL SEAMS OF CMP AT 45°.



ONE PIECE BAND
FOR 18"– 42"DIA.
PIPE CULVERTS.

TWO PIECE BAND
FOR 48"– 84"DIA.
PIPE CULVERTS.

ALTERNATE OVERLAPS FOR TWO PIECE BANDS, FOR BOTH TYPES, AS SHOWN ON DIAGRAM

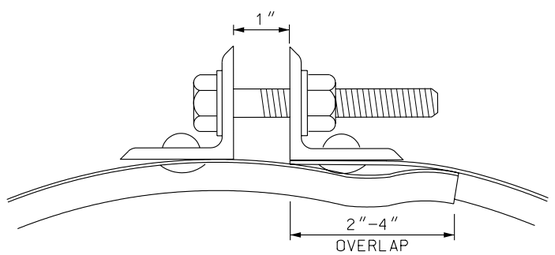


66"– 84" DIAMETER INCLUSIVE

BAND: 9 CORRUGATIONS WIDE
GASKET:5 CORRUGATIONS WIDE

SIZE OF ROD & SILO TYPE LUG

1/4" DIA. FOR 18" – 21" DIA. CMP
3/4" DIA. FOR 24" – 36" DIA. CMP
1/2" DIA. FOR 42" – 84" DIA. CMP
1 PIECE HOOPS FOR 18" – 42" DIA. CMP
2 PIECE HOOPS FOR 48" – 84" DIA. CMP

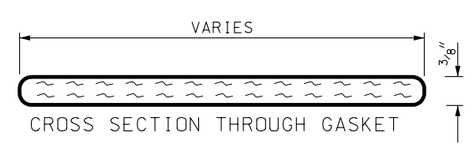


1/2"DIA. HEX. BOLT & NUT WITH WASHER OR
1/2" DIA. CARRIAGE BOLT & NUT WITH WASHER
(9/16" × 3/4" SLOTTED OPENING)

TYPE "A" CMP COUPLING

TABLE 1

NOMINAL PIPE DIAMETER inch	GASKET LENGTH inch
15	44
18	54
21	63
24	72
27	80
30	90
33	97
36	107
42	126
48	144
54	160
60	179
66	198
72	214
78	232
84	248
90	267
96	286



CROSS SECTION THROUGH GASKET

NOTES:

1. THICKNESS OF CONNECTING BANDS: IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
2. KEEP DIRT & GRAVEL FROM BETWEEN PIPE & BAND.
3. USE A CHAIN HOIST, CHAIN OR CABLE CINCHING TO PRODUCE A TIGHT JOINT BEFORE NUTS ARE TIGHTENED.
4. USE A 2" MINIMUM OVERLAP FOR BANDS.
5. COMPLY WITH TABLE 1 FOR GASKETS DIMENSIONS USE A CLOSED CELL NEOPRENE, SKINNED ALL FOUR SIDES MATERIAL MEETING THE REQUIREMENTS OF ASTM D 1056 GRADE SCE-43L. GASKETS; 1-PIECE CONTINUOUS CONSTRUCTION.
6. FOR FASTENING ANGLES USE FLATHEAD RIVETS FREE OF SHARP POINTS OR EDGES (AASHTO M 36).

NO.	DATE	APPR.	REMARKS

REVISIONS

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

RECOMMENDED FOR APPROVAL — JAN.01,2005 DATE
CHAIRMAN STANDARDS COMMITTEE
APPROVED — JAN.01,2005 DATE
DEPUTY DIRECTOR

GASKETTED JOINTS OR COUPLING BANDS FOR CMP
STANDARD DRAWING TITLE

STD DWG
DG 7

DGN File: N:\Esd\Standard\Drawings\Imperial\2005Approved\Drainage (DG)\dg07.dgn
15-DEC-2004