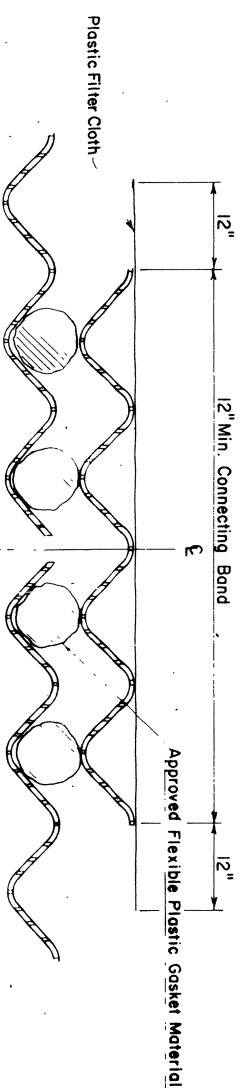
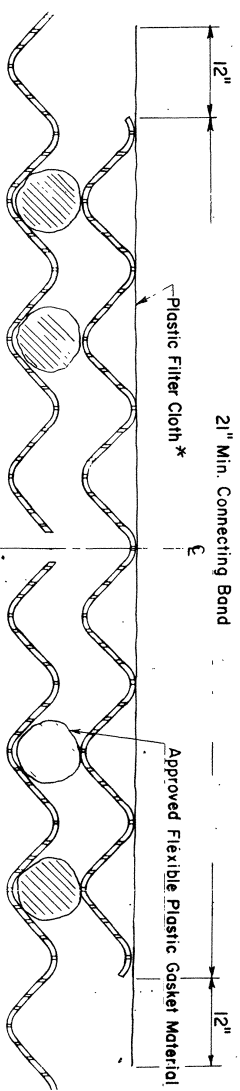


METHOD OF SEALING LONGITUDINAL JOINTS AT TWO PIECE CONNECTING BAND
(FLEXIBLE PLASTIC GASKET SYSTEM)



FOR PIPES LESS THAN 36" ROUND OR EQUIVALENT ARCH



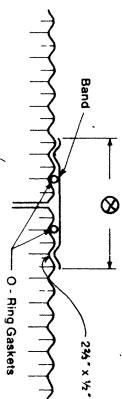
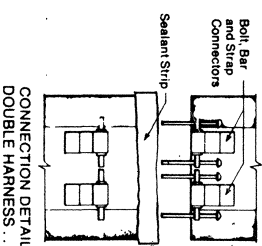
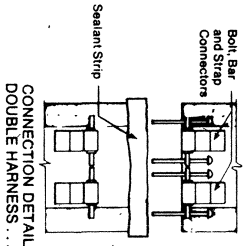
For Pipes 36" round or equivalent arch and greater & all sizes 6 x 1 & 5 x 1 Corrugations.

*Filter cloth is shown continuous over joint, but 12" minimum on either side of the edge of the band is acceptable.

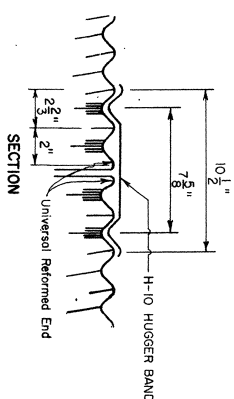
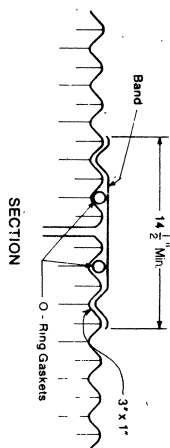
METHOD OF SEALING ANNULAR JOINT AT CONNECTING BAND WHERE TWO PIPE SECTIONS ARE JOINED

FLEXIBLE PLASTIC GASKET SYSTEM

T2 & T3 joints as shown (with rods & lugs).
T1 joint similar, except requires only 1 strip of Gasket Material in second corrugation each side of joint.



⊗ Lock Seam Pipe - 12" min. Welded Seam - 10 1/2 min.



TYPICAL CONNECTING BAND DETAILS
Method used must be approved by D.O.T.D. Materials Section.

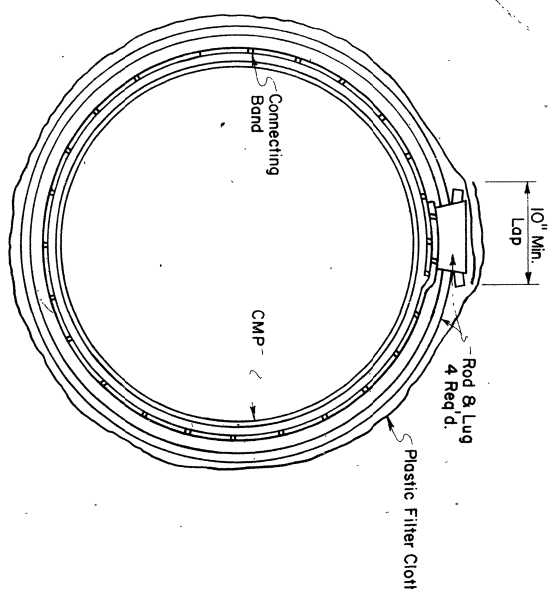
ALTERNATE CONNECTING BANDS
O-RING SYSTEM
PLASTIC FILTER CLOTH REQUIRED - SAME AS SHOWN ABOVE

GENERAL NOTES:

- O-Ring gaskets will be required whenever O-Ring system connecting bands are used. O-Ring gaskets shall be identified by size, diameter, batch or reel number and plant.
- Helical ends shall be re-rolled a minimum of 2 full corrugations or more to accommodate the joint system.
- For O-Ring joint systems, bolts shall be torqued to a minimum of 40 ft. lbs.
- For Flexible Plastic Gasket system round pipe, a minimum of 4 galvanized 1/2 diameter steel rods and lugs shall be placed over the connecting band. Rods may be 2 piece for pipe larger than 48".
- Plastic Filter Cloth shall conform to 1982 Standard Specs. Section 1018.15.
- Arch Pipe shall use the Flexible Plastic Gasket system with approved angles or straps.
- Ends of Helical 3"x1", 5"x1" or 6"x1" pipe may be re-rolled to match any of the joint configurations shown on this sheet.

PIPE SIZE	CORRUGATION DEPTH	GASKET SIZE
36" & Under	1/2"	1 1/8"
Larger than 36"	3/4"	7/8"
All Sizes	1"	1 3/8"

CONNECTING BAND WITH ROD & LUG
(FLEXIBLE PLASTIC GASKET SYSTEM)



STANDARD PLAN NO. **SAM-1** PAGE 2

CORRUGATED METAL PIPE GAGE, FILL HEIGHT & CONNECTING BANDS

DATE: 4-20-83

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

DESIGNED	CHECKED	DATE	DESIGNED	CHECKED	DATE
CDU	HJB		CDU	LF	
CDU	HJB		CDU	LF	

APPROVED Original Signed by Chief Engineer DATE

REVISIONS

NO.	DATE	DESCRIPTION	BY
3-27-84		Fill Height Tables - Helical Connecting Band	HJB
11-7-83		Fill Height Tables - Connecting Bands	HJB