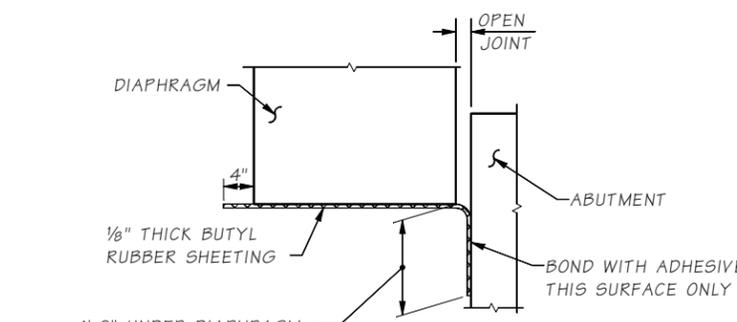
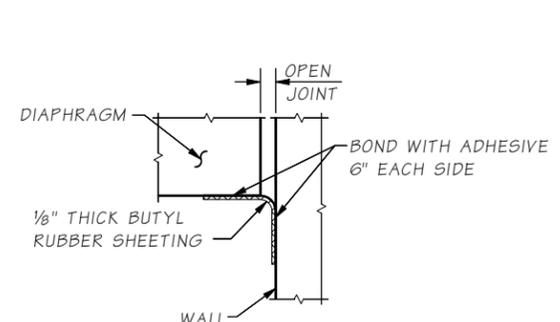


NOTE TO DESIGNER
 If ground line is less than 2'-0" minimum below the bottom of girder at front face of abutment a curtain wall shall be provided.

TYPICAL END TYPE "A" DIAPHRAGM AT END PIERS



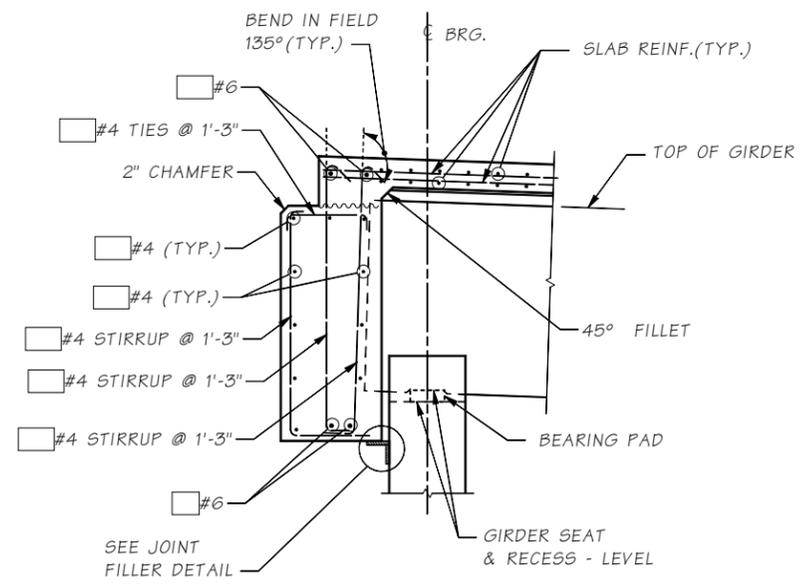
ELEVATION BUTYL RUBBER @ DIAPHRAGM



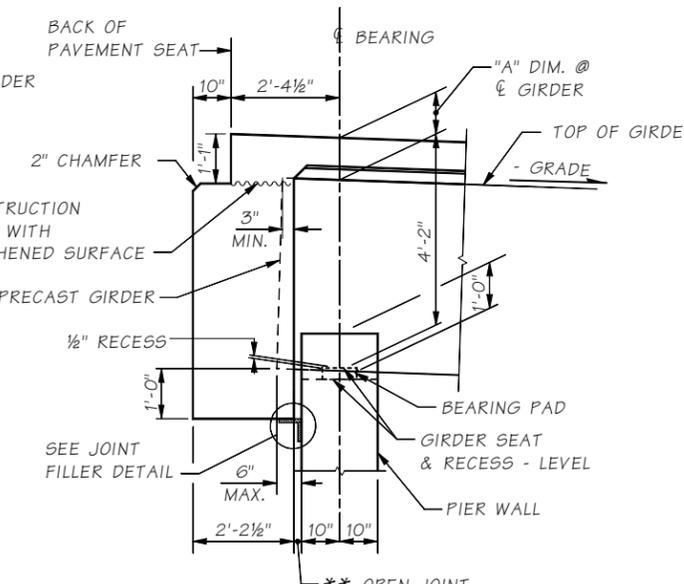
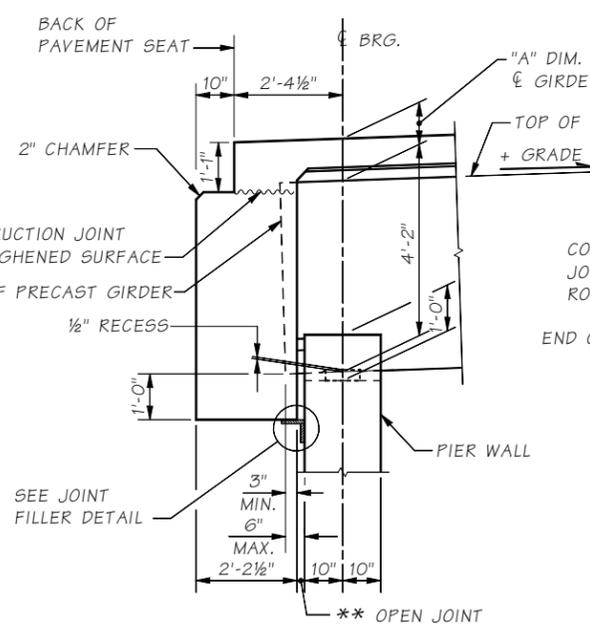
PLAN VIEW BUTYL RUBBER @ VERTICAL JOINTS

- NOTE:**
- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
 - REINFORCING BAR SHALL BE THREADED THROUGH HOLES IN GIRDERS PRIOR TO PLACING OF EXTERIOR GIRDERS. SEE PLANS FOR "TRAFFIC BARRIER" DIMENSIONS AND LOCATION. SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A".

- END DIAPHRAGM MAY BE CAST ON GRADE. IF SO, THE UPPER LEG OF THE JOINT FILLER SHALL FORM THE BOTTOM FACE FULL WIDTH.
- JOINT FILLER TYPE 1 SHALL BE USED TO COVER ALL VERTICAL END DIAPHRAGM JOINTS. EITHER JOINT FILLER TYPE 1 OR JOINT FILLER TYPE 2 SHALL BE USED TO COVER ALL HORIZONTAL END DIAPHRAGM JOINTS.



SECTION F



END DIAPHRAGM GEOMETRY

SECTIONS THROUGH END DIAPHRAGMS AT END PIERS SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A". ALL LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.

BRIDGE LENGTH	JOINT
L ≤ 200	** = 1.5 IN.
200 < L ≤ 300	** = 2.0 IN.
300 < L ≤ 400	** = 2.5 IN.
L > 400	SPECIAL DESIGN

5.6-A16-5

SR JOB NO. SHEET

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tub\TRAPEZOIDAL TUB END DIA_ON_TUB.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Apr 29 13:45:57 2008

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

PRESTRESSED TRAPEZOIDAL TUB GIRDER END DIAPHRAGM ON GIRDER DETAILS

BRIDGE SHEET NO. OF SHEETS