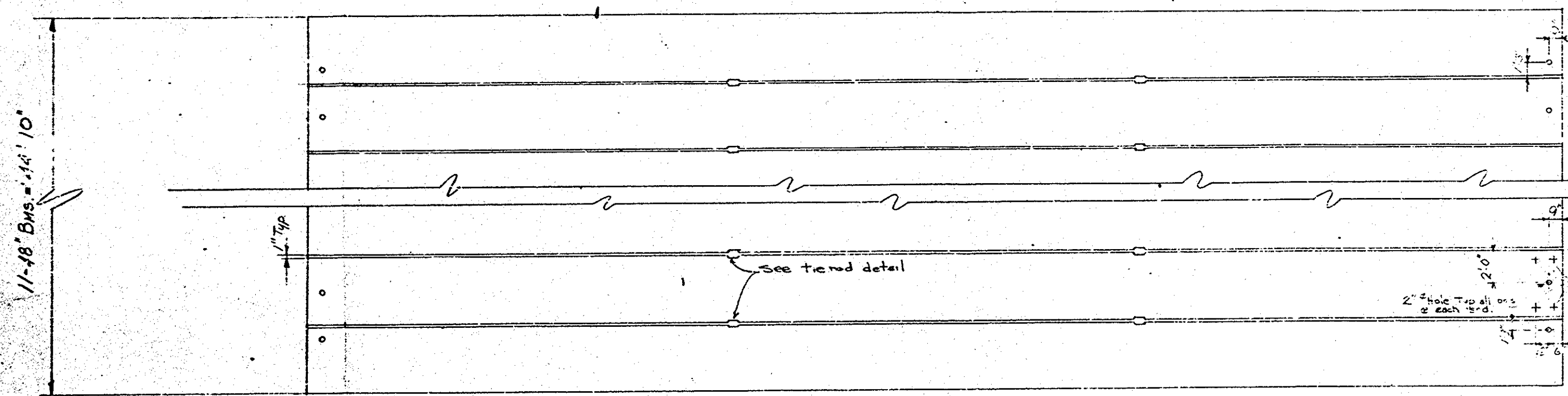
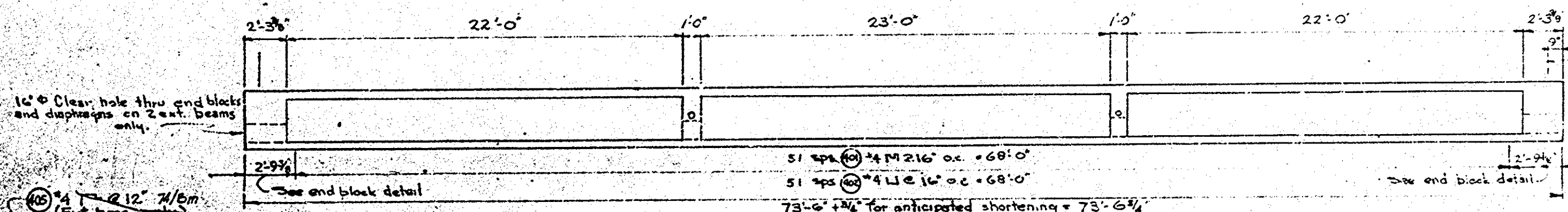
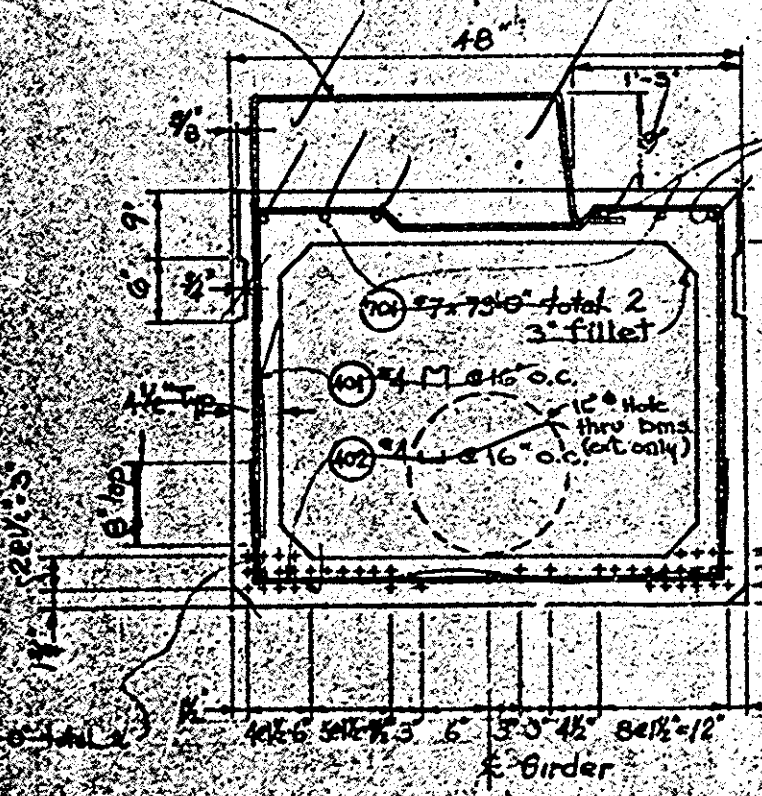




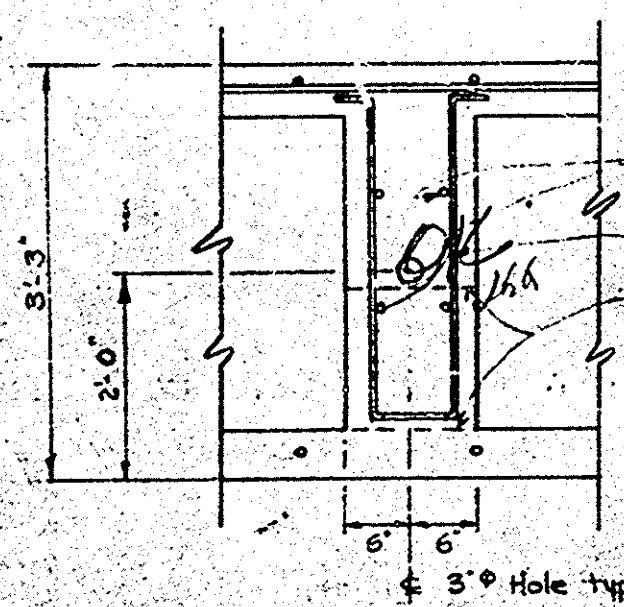
GIRDER LAYOUT



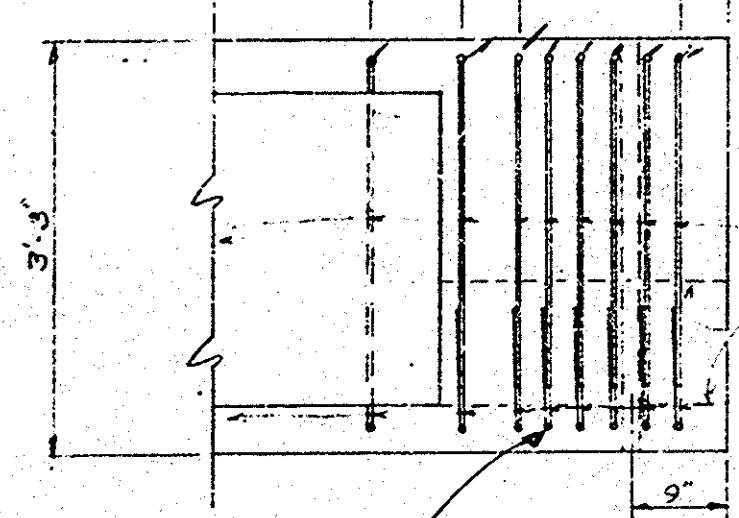
ELEVATION



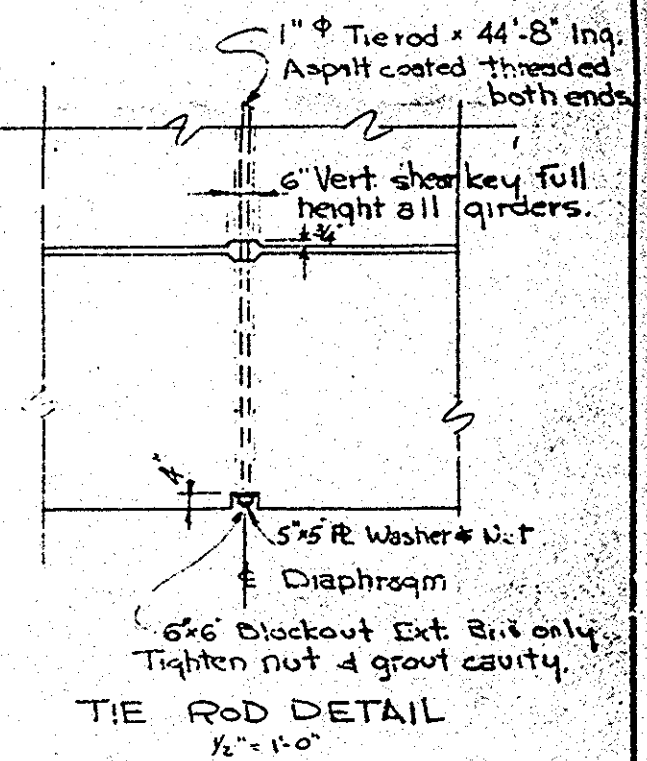
TYP. SECTION



DIAPHRAGM DETAIL



END BLOCK DETAIL



NOTES

$f'_c = 5000$ psi @ 28 days
 $f_c = 4000$ psi @ transfer
 Provide #9 pull wire in utility duct. Brick up ends of utility duct.
 $P_t = 175,000$ psi x 40 x .0799 sq in = 560 Kips
 $P_t = (45,000$ psi x 40 x .0799 sq in = 146 Kips)
 P_t per strand = 175,000 x .0799 = 14,000

$$4 = 13 \times 0.08 + 19 \times 0.06 + 8 \times 0.08 = 3.20$$

$$C_4 = \frac{1.75 \times 19 \times 0.08}{4} + \frac{3.75 \times 19 \times 0.08}{4} + \frac{1.75 \times 8 \times 0.08}{4} = 3.063$$

$$0.569 + 1.544 + 0.950 = 3.063$$

chimer strip
 #5 @ 12"
 Straps - end block

O.C.-3 Concrete Conduit Co. Division of American-Marietta Co. Crown Valley Parkway - Oso Creek Girder Details Scale 1/4" = 1'-0" Sheet 1 of 5 blue-line print

CONCRETE CONDUIT COMPANY			
Division of AMERICAN-MARIETTA COMPANY			
P.O. Box 21		Tulsa, Oklahoma	
SCALE: 1/4" = 1'-0"	DATE: 6/10/63	APPROVED BY: M.H.	DRAWN BY: KKK
CROWN VALLEY PARKWAY - OSO CREEK		CHECKED BY: KEK	
GIRDER DETAILS		DRAWING NUMBER: D. 700-119	

DATE	REVISION	MARK	BY
6/14	1		
6/14	2		

CROWN VALLEY PARKWAY OVER OSO CREEK
 Thomas # 11535 OC-3 1963
 422-19