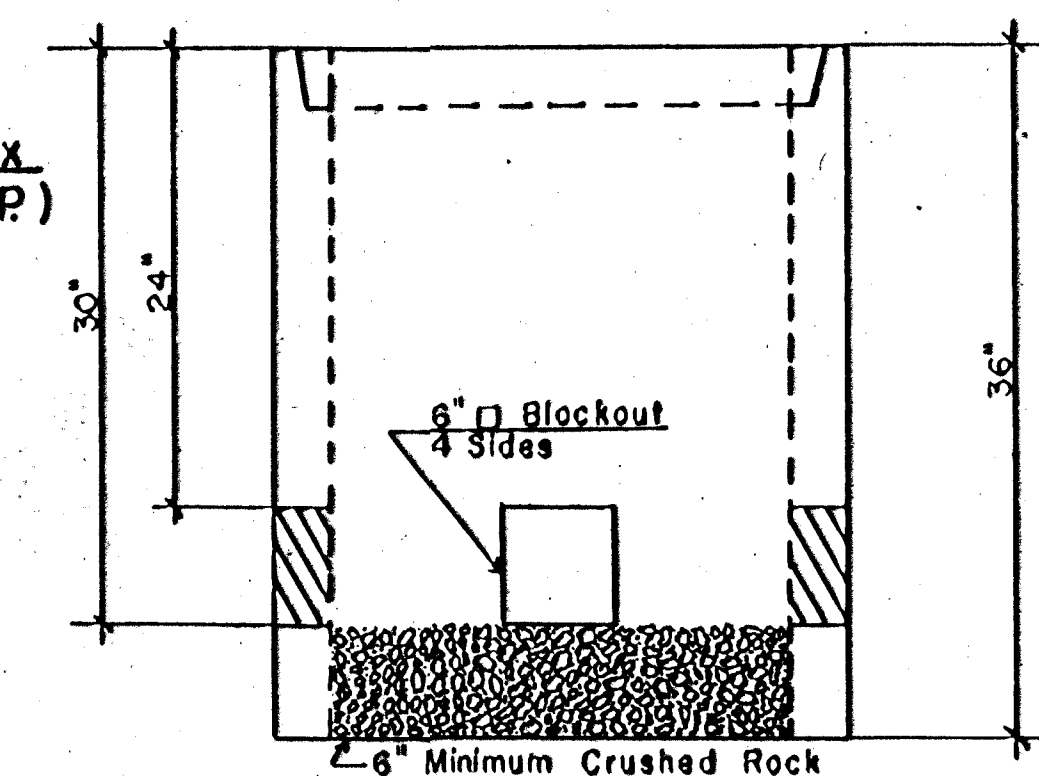
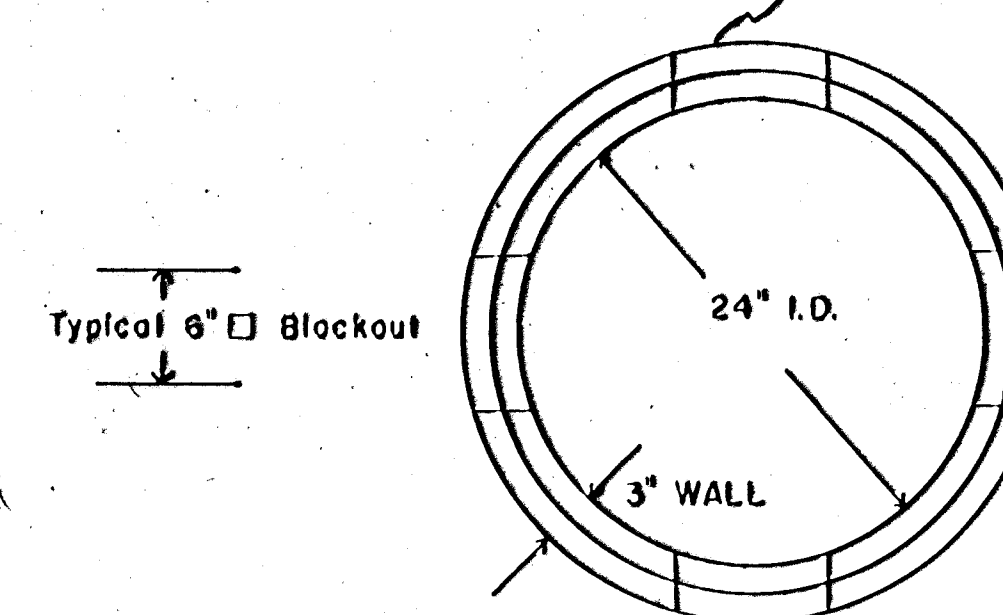


PRE-FAB Junction Box
(24" I.D. x 36" R.C.P.)

NOTE: Grout ring in junction box.



W2.0 x W2.0, 3" x 6"
Welded Wire Fabric



FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KS.	87-U-1362-01	1993	95	149

NOTES: * All Service Boxes And Junction Boxes
Do Have 6" Min. Crushed Rock.

SERVICE BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL WITH ABILITY TO DRAIN CONDUIT INTO SERVICE BOX.
2. CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.

3. CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.

4. A PRE-CAST SERVICE BOX WITH OPEN BOTTOM WILL BE ACCEPTED AS ALTERNATE: SUBJECT TO APPROVAL BY ENGINEER.

JUNCTION BOX:

1. BOX TO BE INSTALLED FLUSH WITH GROUND LEVEL (VARIABLE WITH BOX HEIGHT)
2. PRE-FAB (RCR) JUNCTION BOX TO BE USED. OTHER DESIGNS OF SIMILAR SIZE & SHAPE MAY BE USED AS ACCEPTABLE ALTERNATIVE SUBJECT TO APPROVAL.

TRENCHING:

1. CONDUIT DEPTH TO BE 30" MINIMUM AS SHOWN WITH ROCK & STURABLE - FREE BACKFILL TO SERVE AS BEDDING MAT'L. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
2. BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A .95% STANDARD DENSITY.
3. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
4. 3" RIGID GALV. STL. CONDUIT - BETWEEN SERV. BOXES
 1 1/4" " " " " " AT WY. JIB & JUNC. BOXES
 3/4" " " " " " AT WY. JIB & CURB FACE

REVISION DATE	COMMENTS	INT.
Apr. 88	Changed Controller Base	JD
July 90	Changed Conduit Depth	JKB
Mar. 91	Changed Conduit Depth	JKB
Apr. 92	Change Junction Box	JKB

PROJECT DESCRIPTION
SERVICE / JUNCTION BOX, CONTROLLER PAD
CONSTRUCTION/ INSTALLATION DETAILS

PROJECT NUMBER	87-U-1362-01
----------------	--------------

BOOK NO.	APPROVED BY	DATE AUG 65
DRAWN BY SEAL		REVISED

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION	SCALE
WM G. MCKINLEY TRAFFIC ENGINEER	NO SCALE