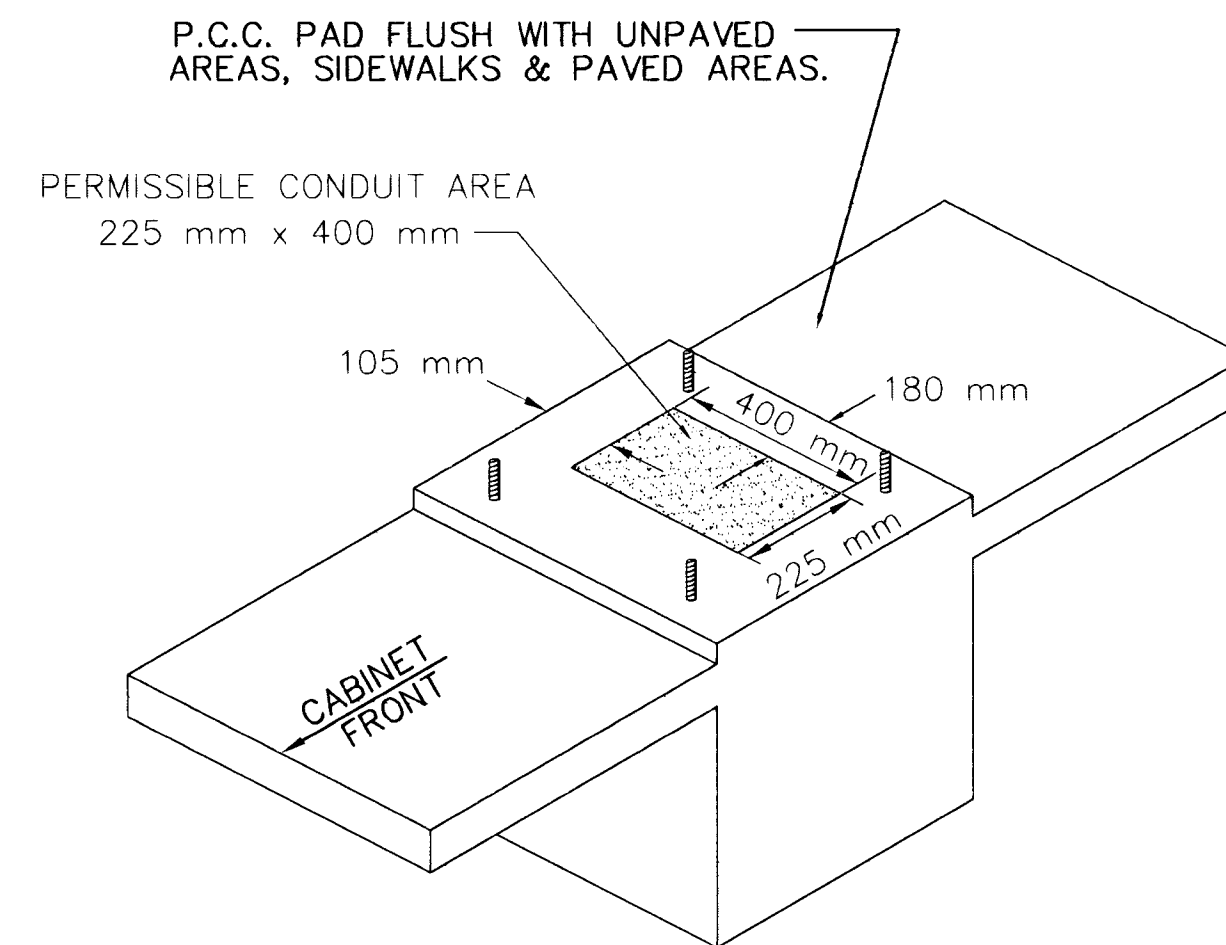
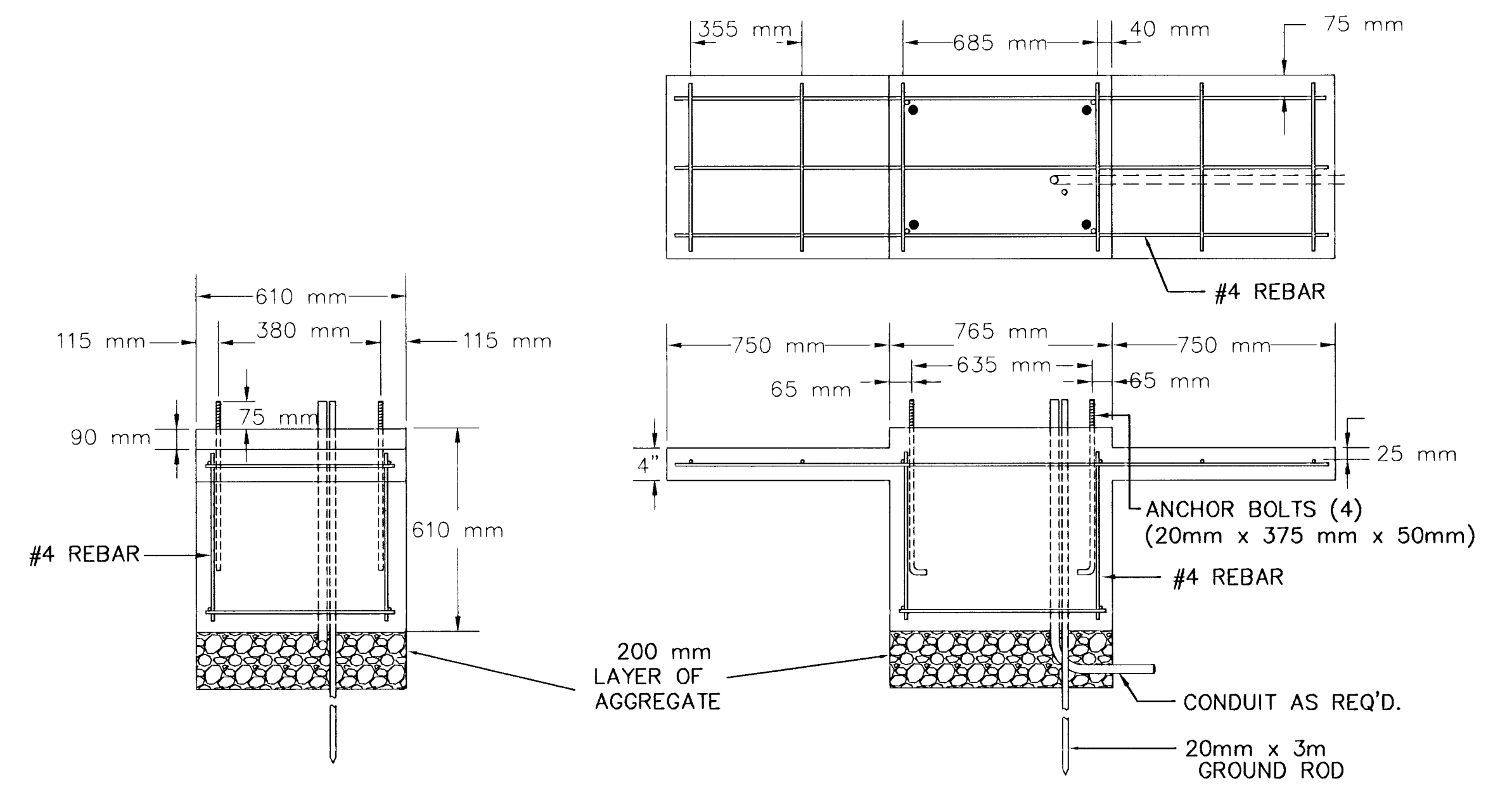


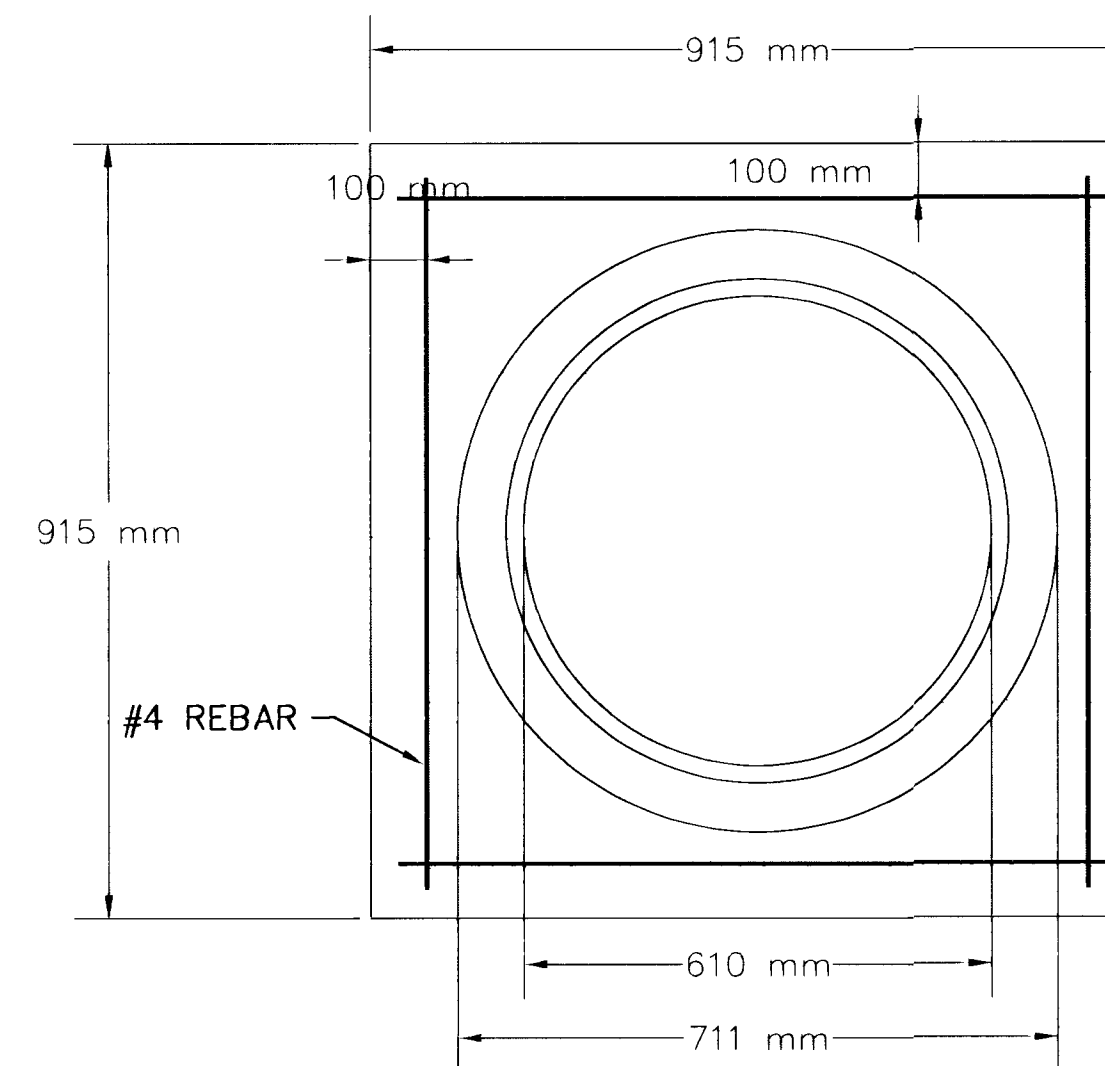
FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0194-01	2001	24	43



REBAR SHALL BE ASTM A615M GRADE 300 MEETING THE REQUIREMENTS OF SUBSECTION SPECIFICATIONS.



PRE-FAB Junction Box
(610mm I.D. X 915mm R.C.P.)



915 mm x 915 mm x 152 mm
TOP OF CAP TO BE FLUSH WITH
GROUND LEVEL.

NOTES:

SERVICE & JUNCTION BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 125 mm OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN 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. ALL SERVICE & JUNCTION BOXES TO HAVE 200 mm OF CRUSHED ROCK.

TRENCHING:

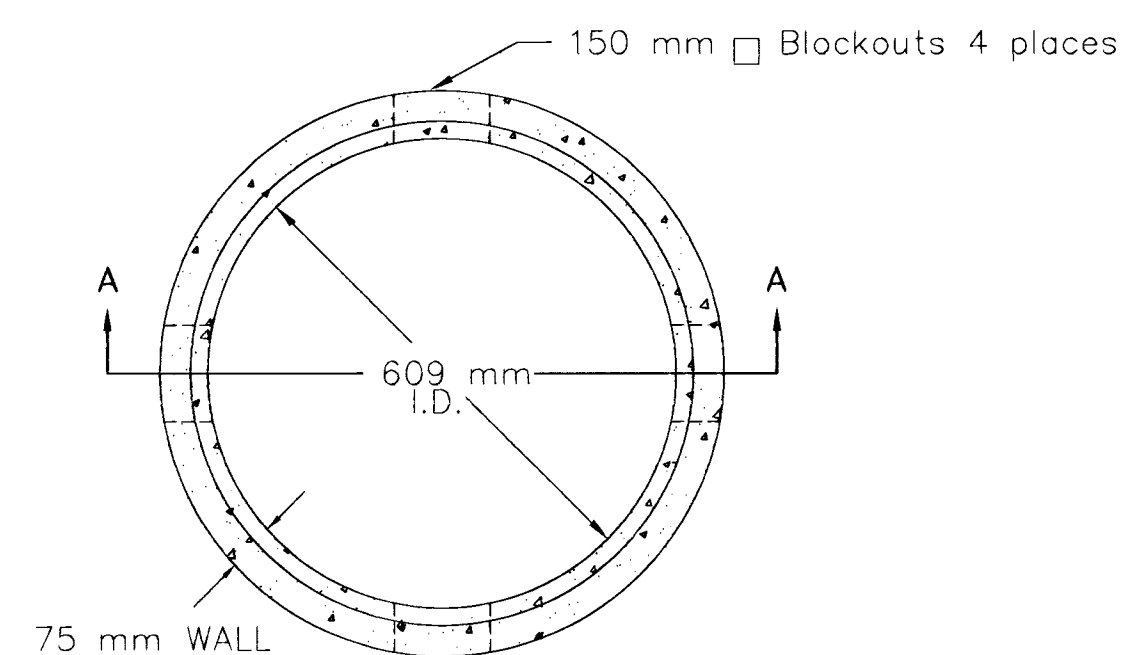
1. DEPTH TO BE 750 mm MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
2. BACKFILL TO BE COMPACTED IN 150 mm LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

1. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
2. 75 mm RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
 32 mm " " " BTWN. SERVICE & JUNCTION BOXES.
 19 mm " " " BTWN. JUNCTION BOXES.
 19 mm " " " BTWN. JUNCTION BOX & DETECTOR
 LOOP SAW CUT

A schematic diagram showing a cross-section of a pavement. A horizontal line represents the pavement surface. Below it, a vertical rectangular area represents a saw cut. The top of this area is labeled 'SAW CUT'. The material filling the cut is labeled 'APPROVED SEALER'. Inside the sealer, there are three small circles, each with a line pointing to the label 'DETECTOR WIRING'. The bottom of the cut is labeled 'PAVEMENT'.

Diagram illustrating the installation of a 19 mm RGC cable in a concrete curb. The cable is laid along the bottom of the curb, with a 'SAW CUT' made in the concrete above it. A 'DRILL' is shown at the end of the cable. The distance from the high edge of the curb to the drill is 'MIN. 450 mm FROM HIGH EDGE'. The cable is labeled '19 mm RGC'. The cable is shown extending 'TO JUNCTION BOX'. The height of the curb is '600 mm - 750 mm BELOW TOP OF CURB'.

[illegible]

PROJECT DESCRIPTION			
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS			
PROJECT NUMBER			
DRAWN BY: T.M.		SCALE	REVISED BY:
DATE: APR. 96		NO SCALE	DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS			
DIVISION OF TRAFFIC ENGINEERING P.E. TRAFFIC ENGINEER			SHEET OF