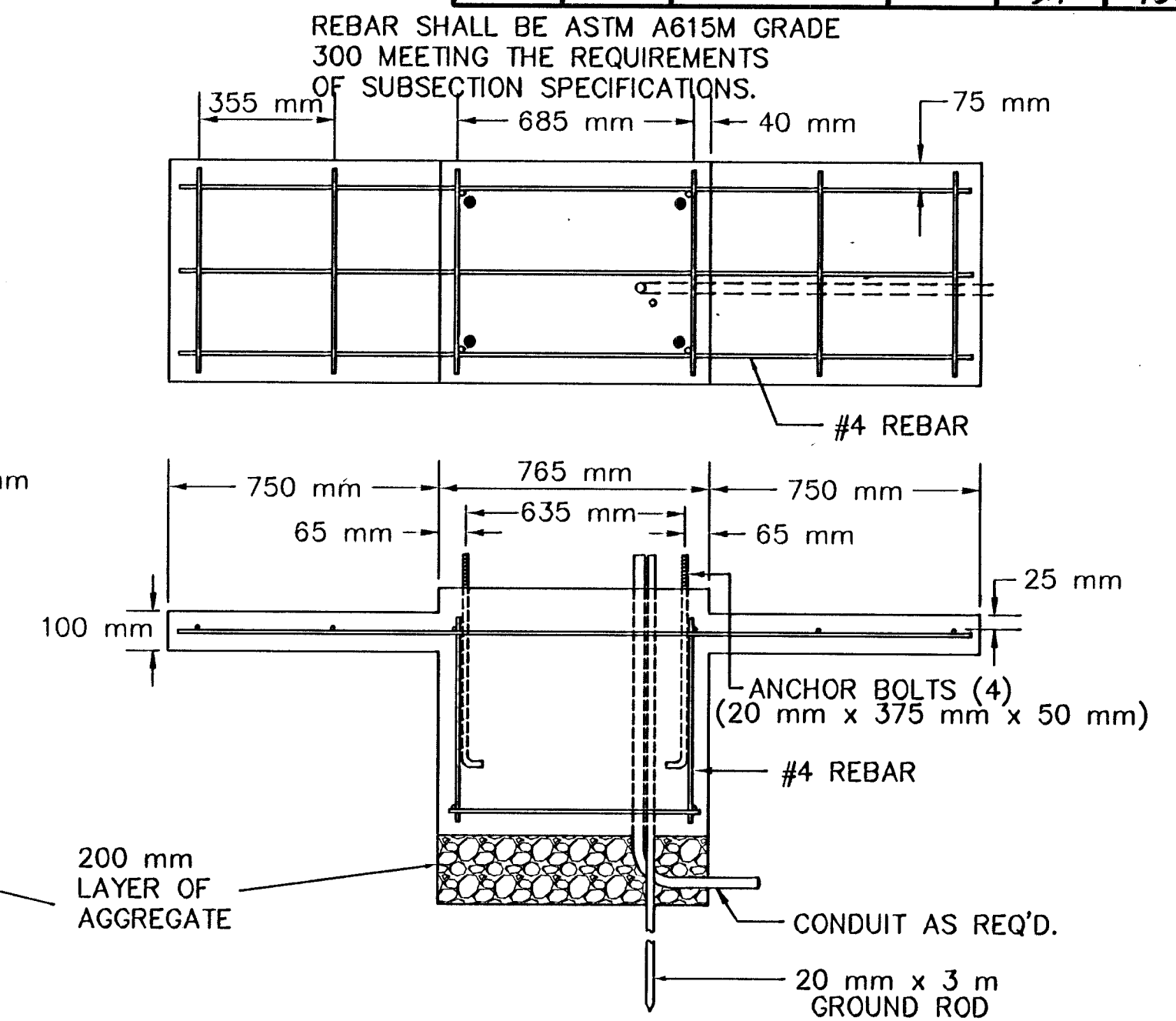
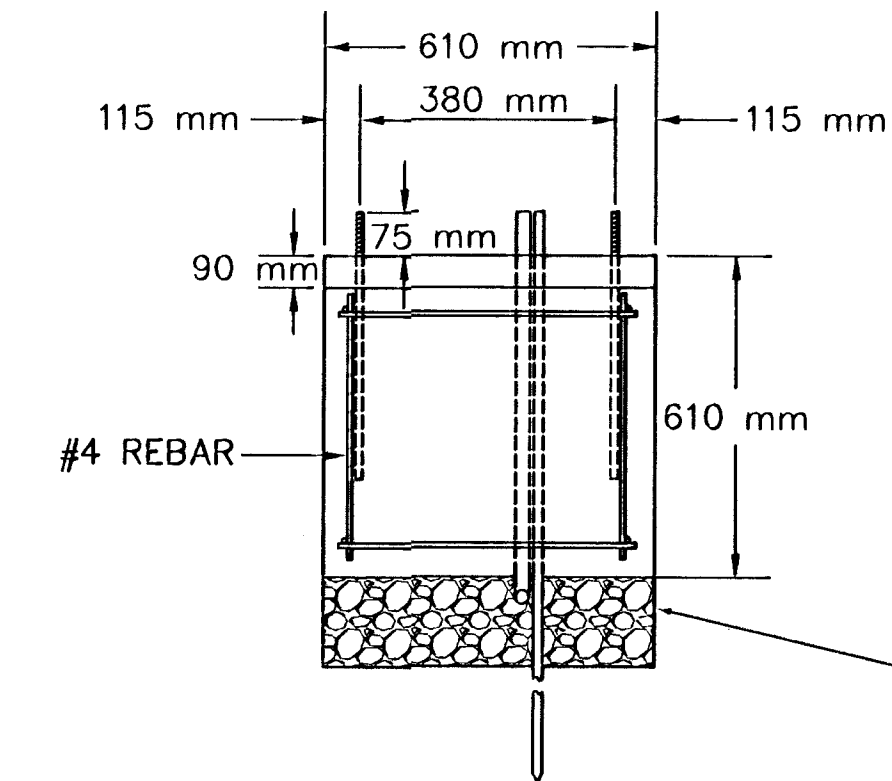
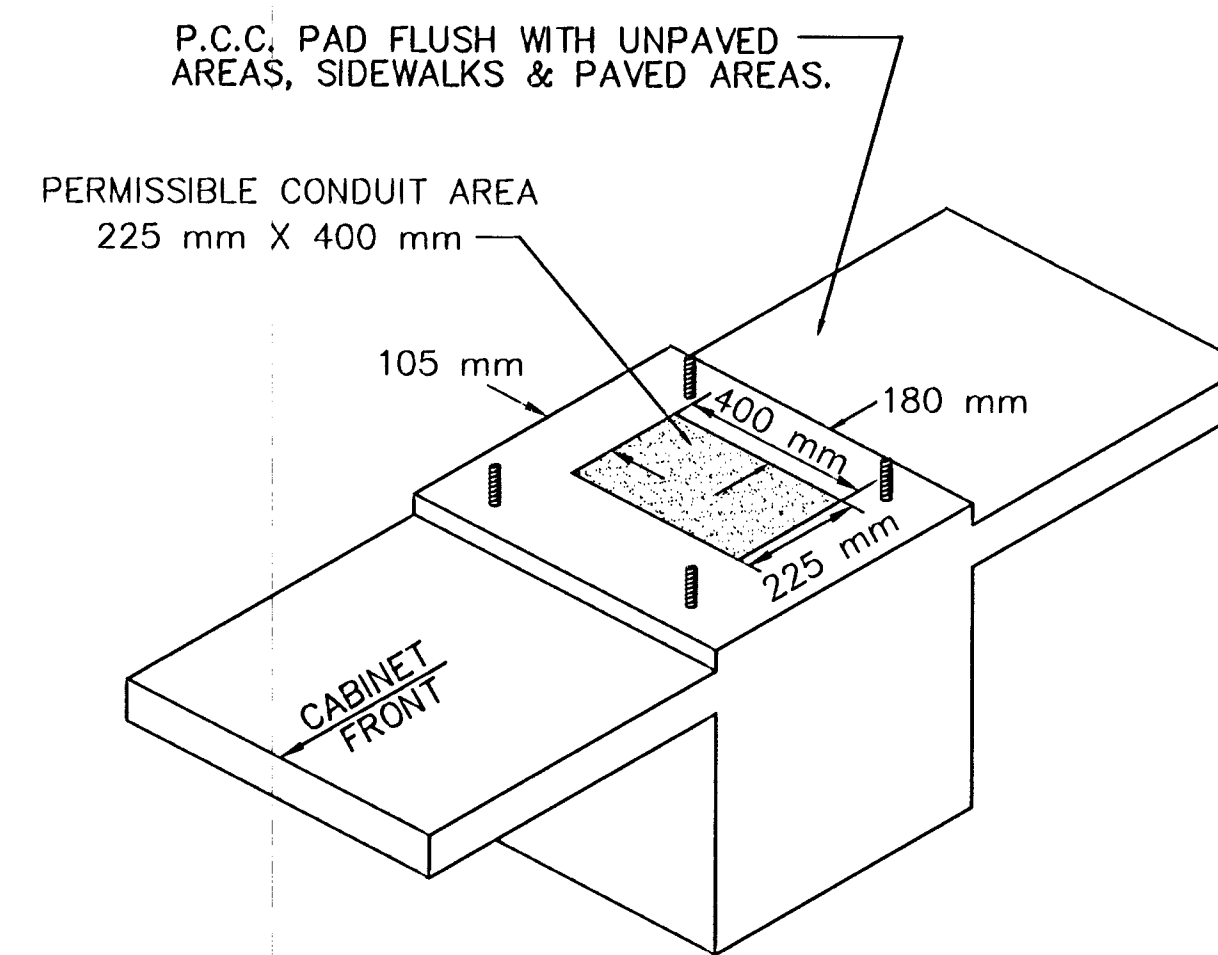
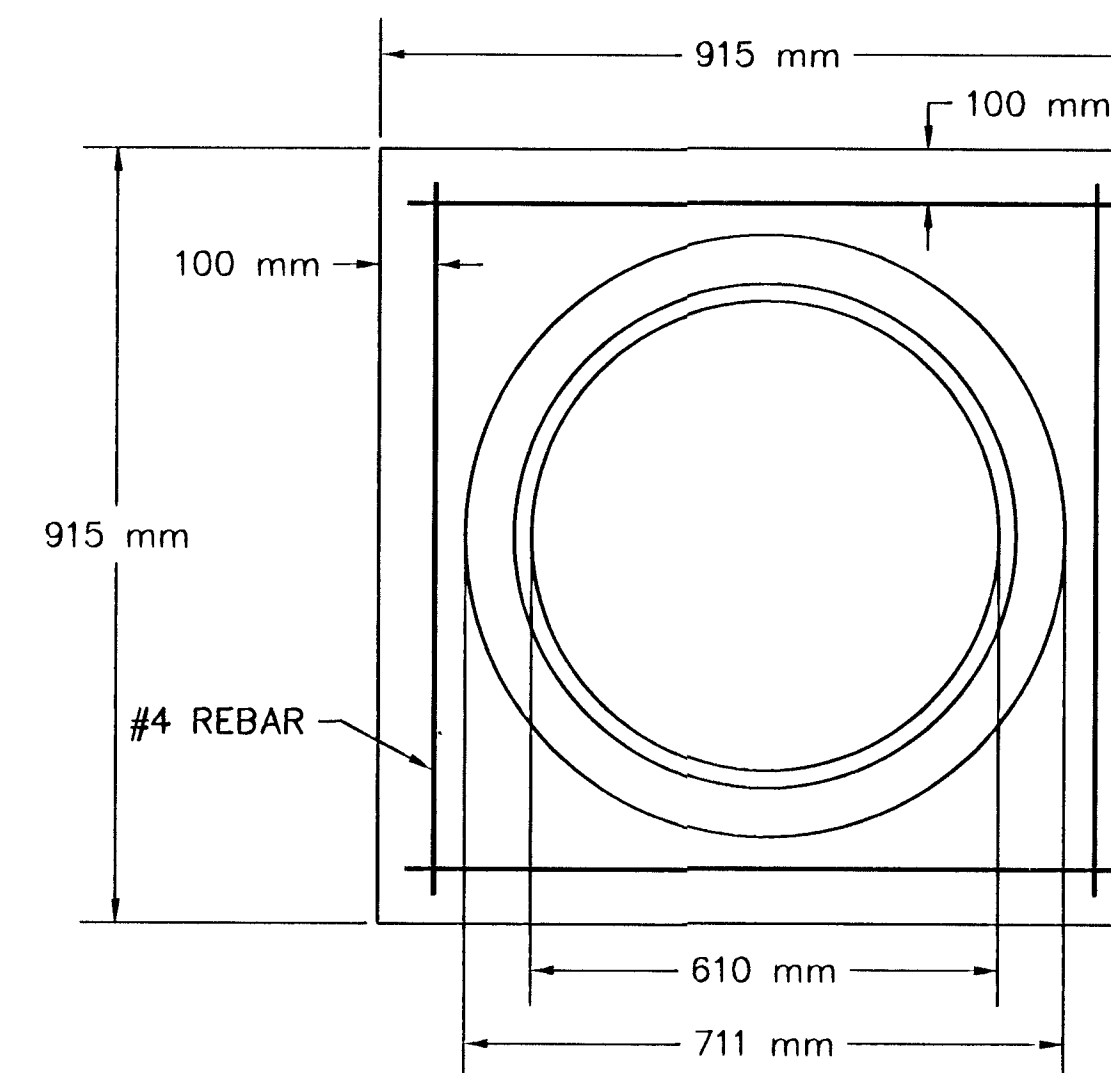


170 CONTROLLER PAD DETAILS

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0080-01	1997	27	162

[illegible]

JUNCTION BOX CAP

915 mm x 915 mm x 152 mm	19 mm	"	"	"	BTWN. JUNCTION BOXES.
TOP OF CAP TO BE FLUSH WITH	19 mm	"	"	"	BTWN. JUNCTION BOX & DETECTOR
GROUND LEVEL.					LOOP SAW CUT

SAW CUT

APPROVED SEALER

PAVEMENT

DETECTOR WIRING

MIN. 450 mm FROM HIGH EDGE

HIGH EDGE

DRILL

SAW CUT

19 mm RCC

600-750 mm BELOW TOP OF CURB

TO JUNCTION BOX

STD. CURB & GUTTER

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

[illegible]

PROJECT DESCRIPTION		
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS		
PROJECT NUMBER		
DRAWN BY: T.M.	APPROVED BY	REVISED:
DATE: Feb. 98		DATE:
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING DIVISION		SCALE
WM. G. MCKINLEY	TRAFFIC ENGINEER	NO SCALE