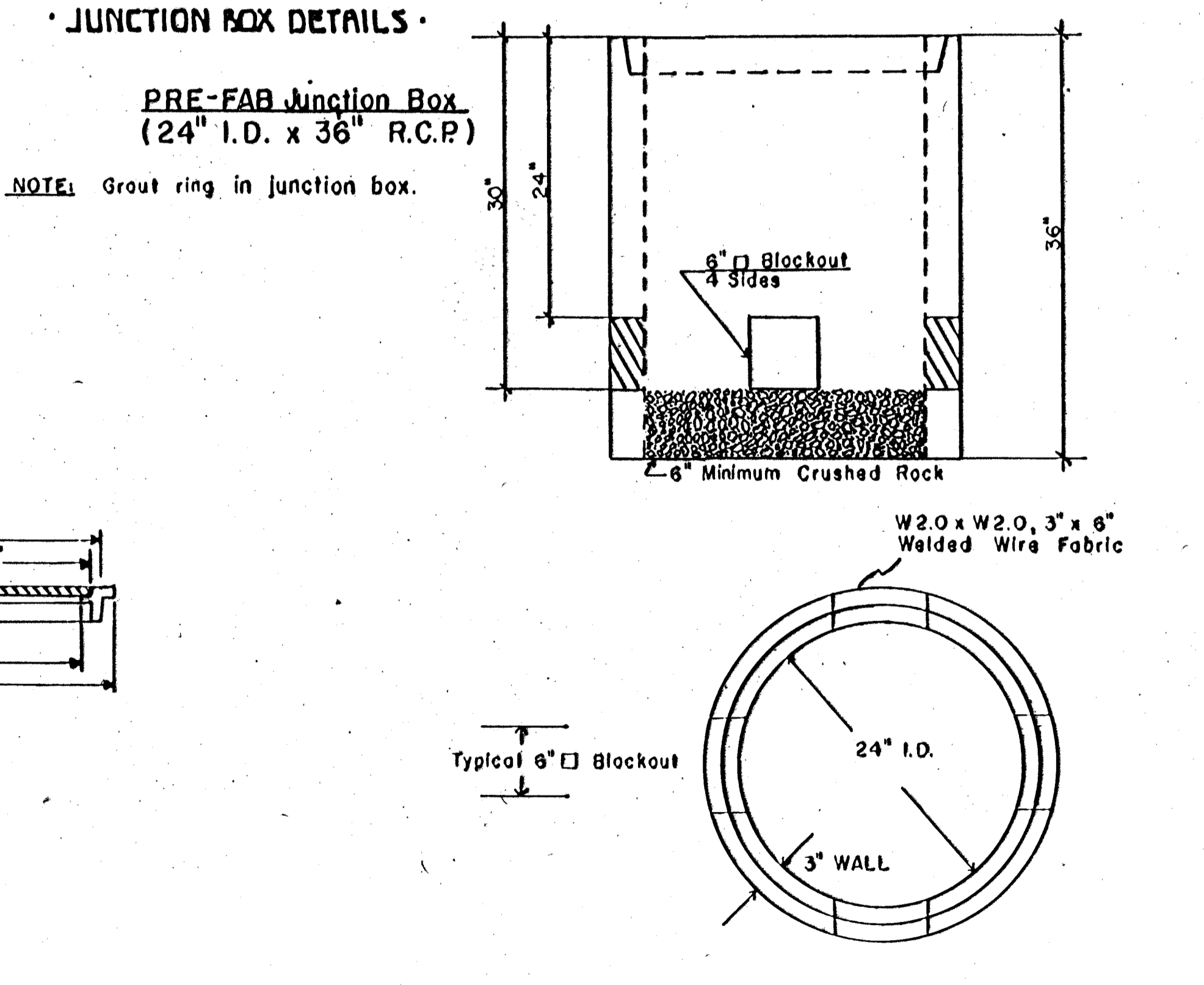
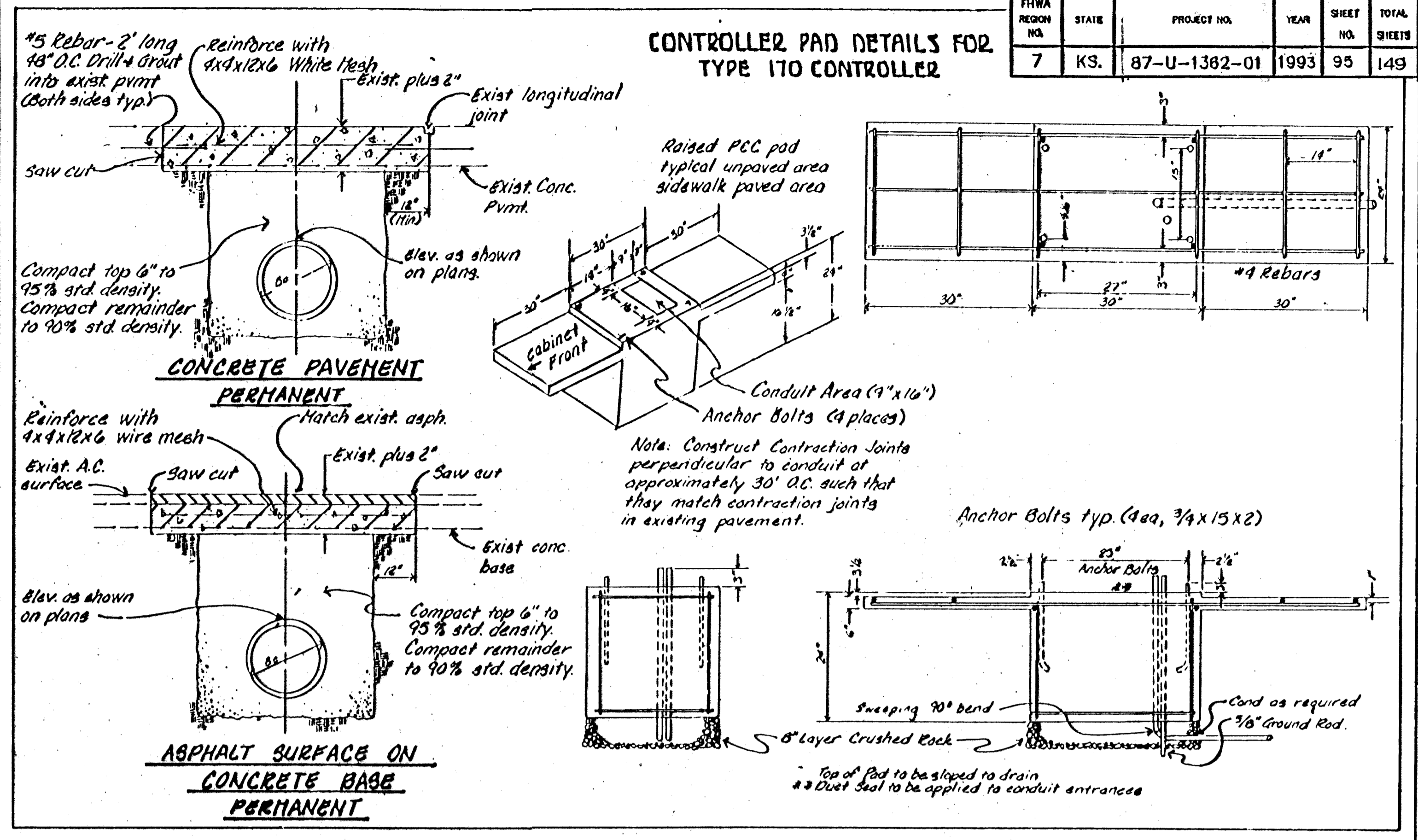
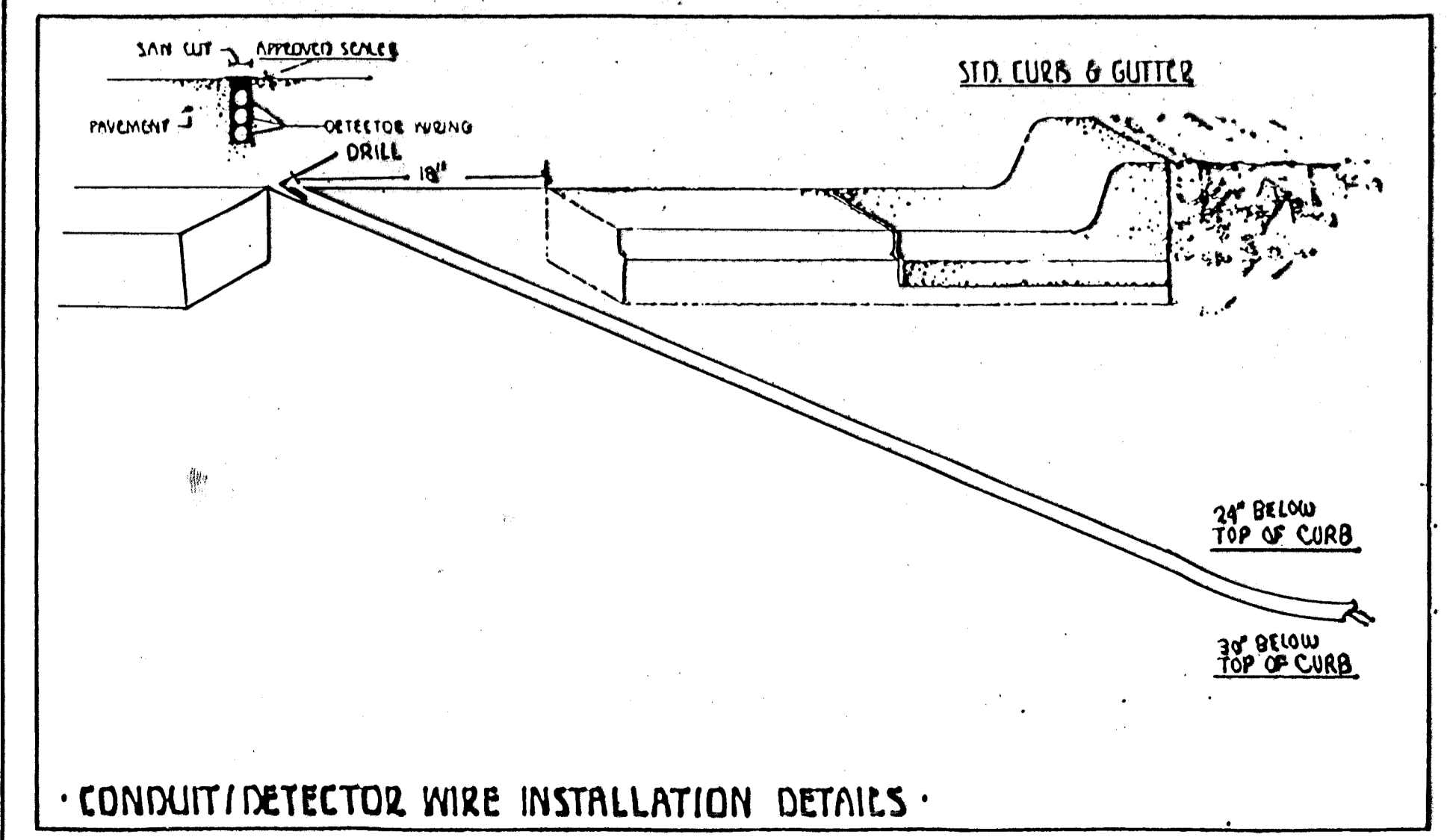
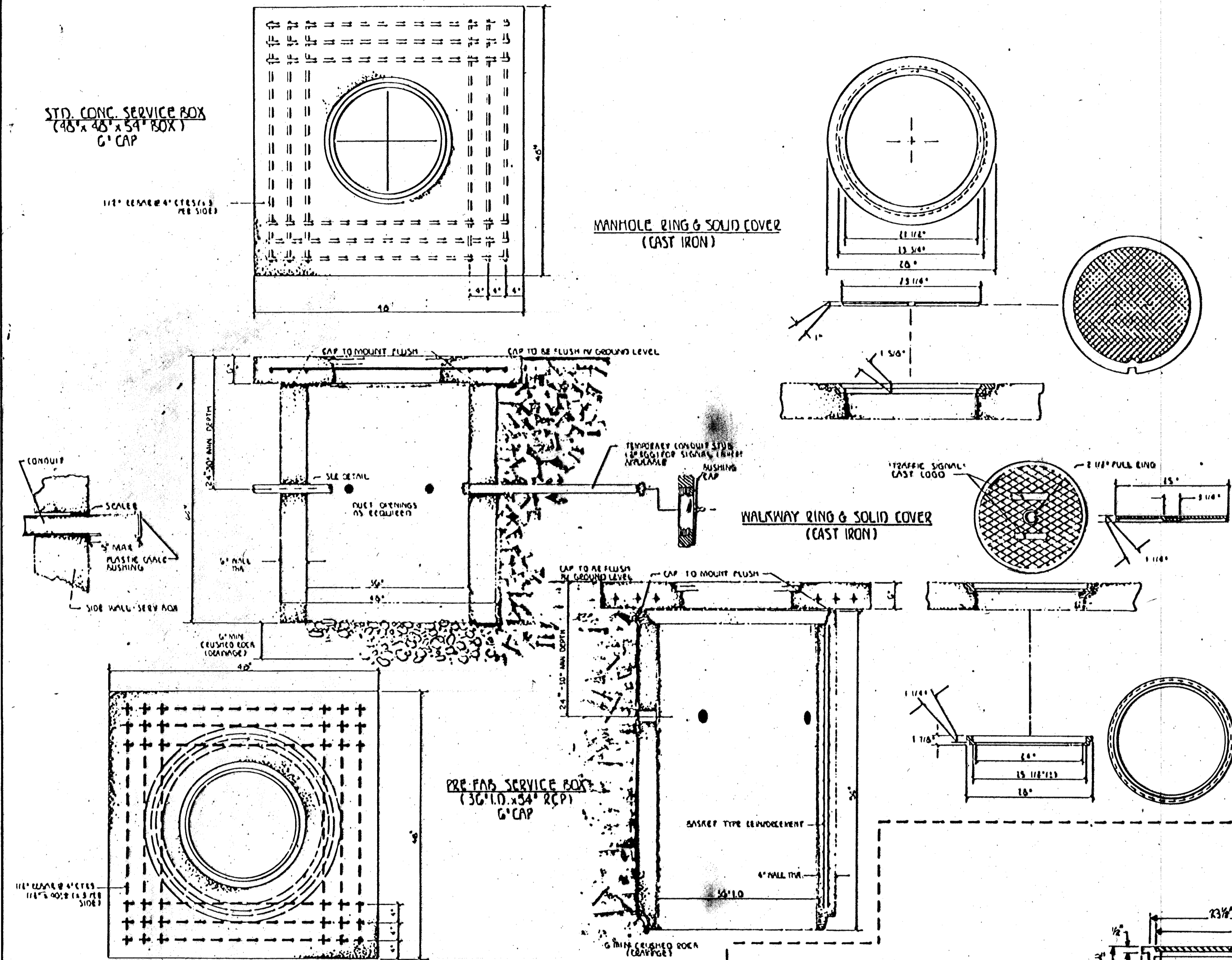


· SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS ·



- NOTES:** \* All Service Boxes And Junction Boxes Do Have 6" Min. Crushed Rock.
- SERVICE BOX:**
- CONDUIT CONNECTION TO BE FLUSH WITHIN 5" OF INSIDE FACE OF SIDE WALL WITH ABILITY TO DRAIN CONDUIT INTO SERVICE BOX.
  - CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
  - CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
  - A PRE-CAST SERVICE BOX WITH OPEN BOTTOM WILL BE ACCEPTED AS ALTERNATE SUBJECT TO APPROVAL BY ENGINEER.
- JUNCTION BOX:**
- BOX TO BE INSTALLED FLUSH WITH GROUND LEVEL (VARIABLE WITH BOX HEIGHT)
  - PRE-FAB (R.C.P.) JUNCTION BOX TO BE USED. OTHER DESIGNS OF SIMILAR SIZE & SHAPE MAY BE USED AS ACCEPTABLE ALTERNATIVE SUBJECT TO APPROVAL.
- TRENCHING:**
- CONDUIT DEPTH TO BE 30" MINIMUM AS SHOWN WITH ROCK & STABLE FREE BACKFILL TO SERVE AS BEDDING MAT'L. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
  - BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.
  - SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
  - 3" RIGID GALV. STL. CONDUIT BETWEEN SERV. BOXES:  
1 1/4" BTWN. S/B & JUNC. BOXES  
3/4" BTWN. J/B & CURB FACE

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

REVISION DATE	COMMENT'S	INT.
Jan 88	Change Controller Base	J/D
July 88	Change Conduit Depth	J/S
Nov 88	Change Conduit Depth	J/S
Apr 92	Change Junction Box	J/S

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

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

BOOK NO. \_\_\_\_\_ APPROVED BY \_\_\_\_\_ DATE AUG 83

DRAWN BY SEAL \_\_\_\_\_ REVISED \_\_\_\_\_

CITY OF WICHITA  
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION  
WM G WENLEY TRAFFIC ENGINEER

SCALE  
NO SCALE