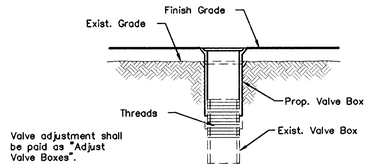
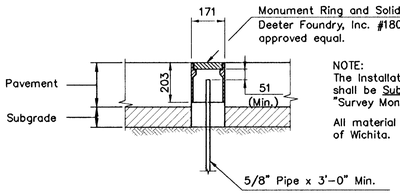
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0116-01	1999	49	110



VALVE BOX ADJUSTMENT DETAIL

See Sht. 50 for location of Valve Boxes to be adjusted.

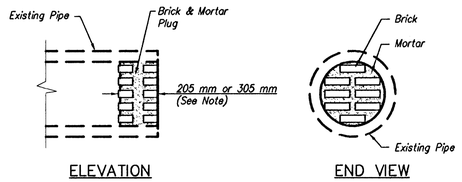
(KGS will supply materials as required for all Gas Valve Box Adjustments.)



NOTE:
The Installation of Survey Monument shall be Subsidiary to the bid item "Survey Monument".

All material to be furnished by the City of Wichita.

SURVEY MONUMENT DETAIL



ELEVATION END VIEW

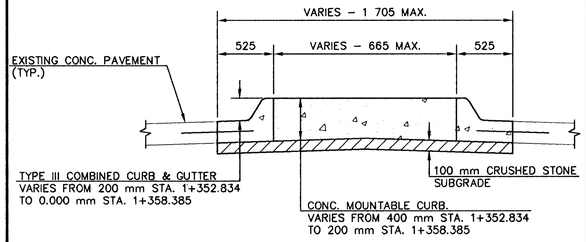
PIPE PLUGGING DETAIL

Sta. 2+016.017, 10.447 m Lt.

NOTE:

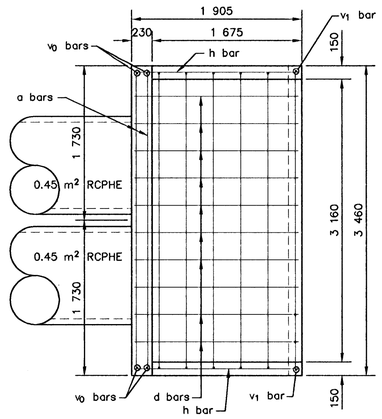
Pipe plugs shall be constructed of brick masonry, with construction requirements and materials conforming to the same requirements as specified for a masonry construction in the Std. Specs. Pipes having diameters of 450 mm or smaller shall be plugged with 205 mm thick plug. Pipes having diameters larger than 450 mm shall be plugged with 305 mm thick plug. The construction of pipe plugs shall not be paid for directly, but shall be considered Subsidiary to Pipe Installation.

The contractor may use other methods to plug existing pipe if approved by the project engineer.

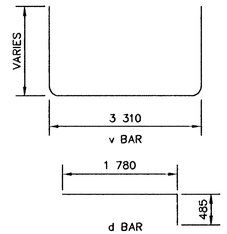


MOUNTABLE CURB DETAIL

MOUNTABLE CURB TO BE SUBSIDIARY TO "CURB AND GUTTER, COMBINED".

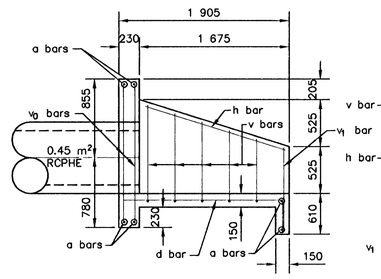


PLAN

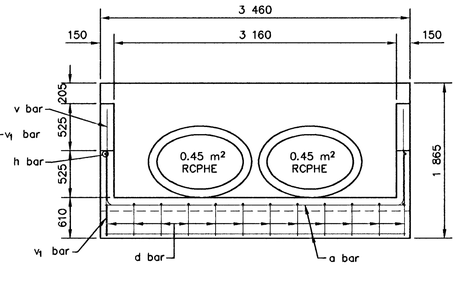


Bar	a	d	h	v	v_0	v_1
Size	13	13	13	13	13	13
Number	6	11	2	5	4	2
Length (mm)	3 360	2 265	1 650	*	1 765	1 035
Grade 30 Conc. (A)				3 cu. m		
Reinforcing Steel				82.2 kg		

* See Bending Diagram for these values
Quantities are for Information Only



SECTION

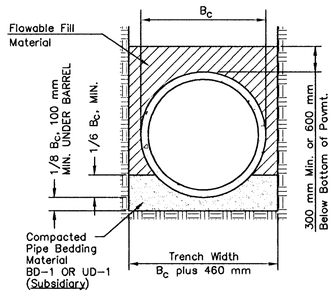


END

OUTFALL STRUCTURE

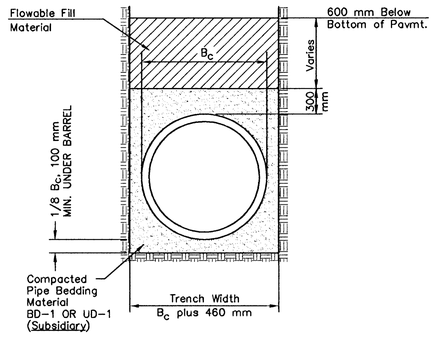
Sta. 1+405.064, 21.414 m Rt.

Grade 30 Conc. (AE) shall be used throughtout. Bevel all exposed edges with 20 mm triangular moulding.



FLOWABLE FILL DETAIL

(For Storm Sewer Pipe)



FLOWABLE FILL DETAIL

(For Sanitary Sewer Pipe)

KANSAS DEPARTMENT OF TRANSPORTATION

MERIDIAN AVE.

SPECIAL DETAILS

PROJECT NO. 87N-0116-01 SEDGWICK COUNTY

MID-KANSAS ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:		CHECKED BY:	
DRAWN BY:		DATE: DEC. 1998	SHEET 49 OF 110

K:\CIVIL\97043\STD\SPECDET.DWG Tue Jan 05 11:29:03 1999