

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		0	0	

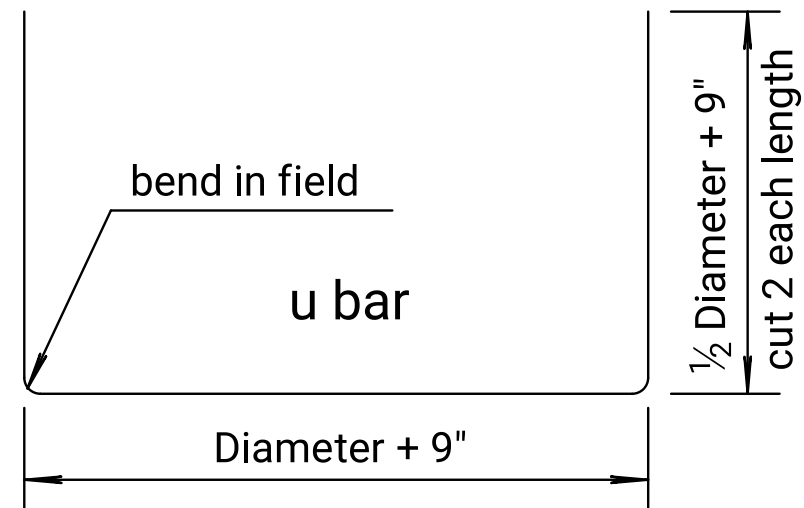
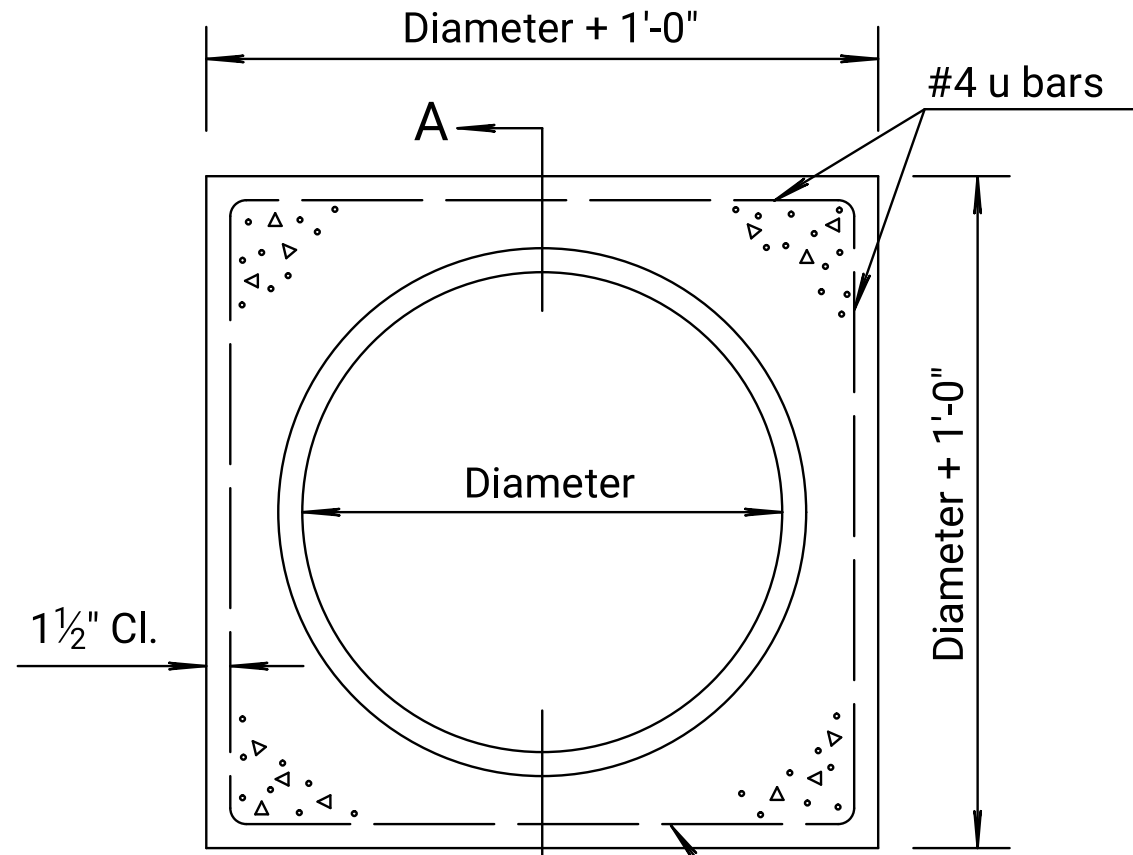
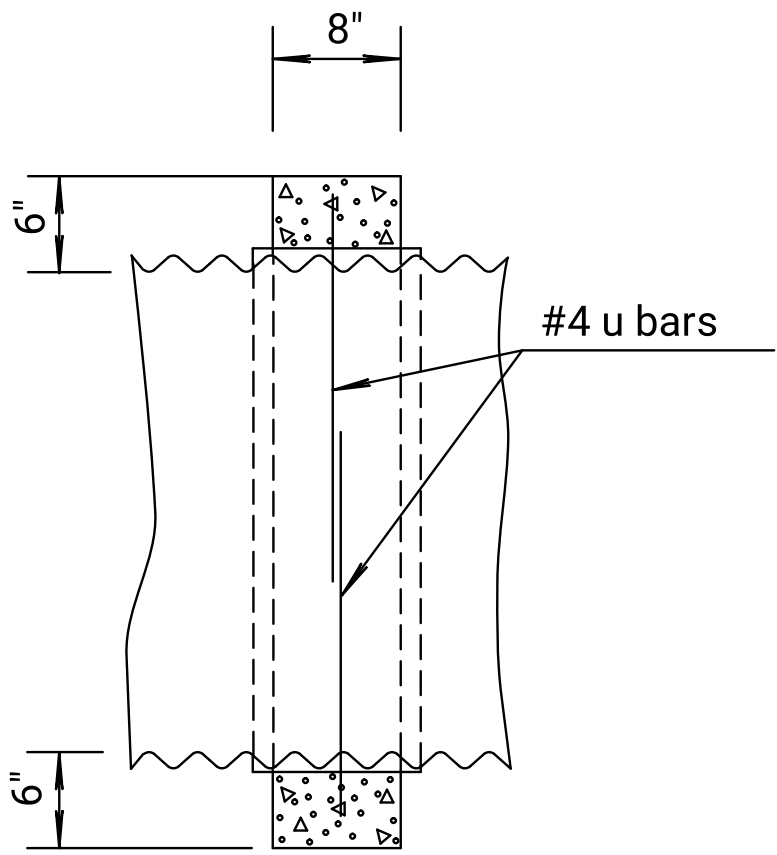
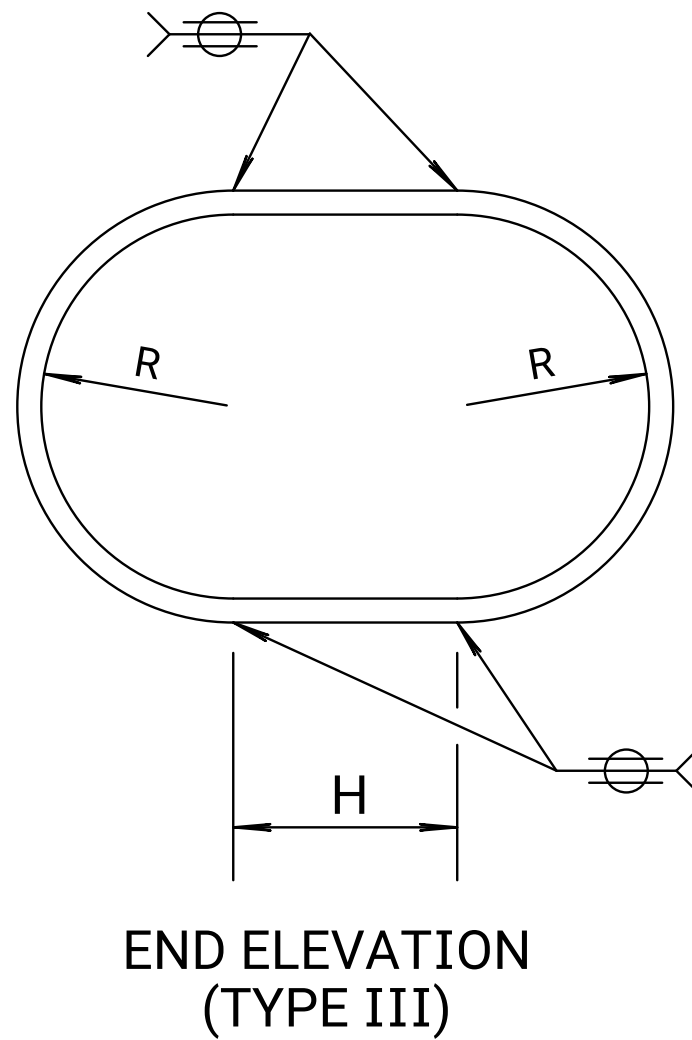
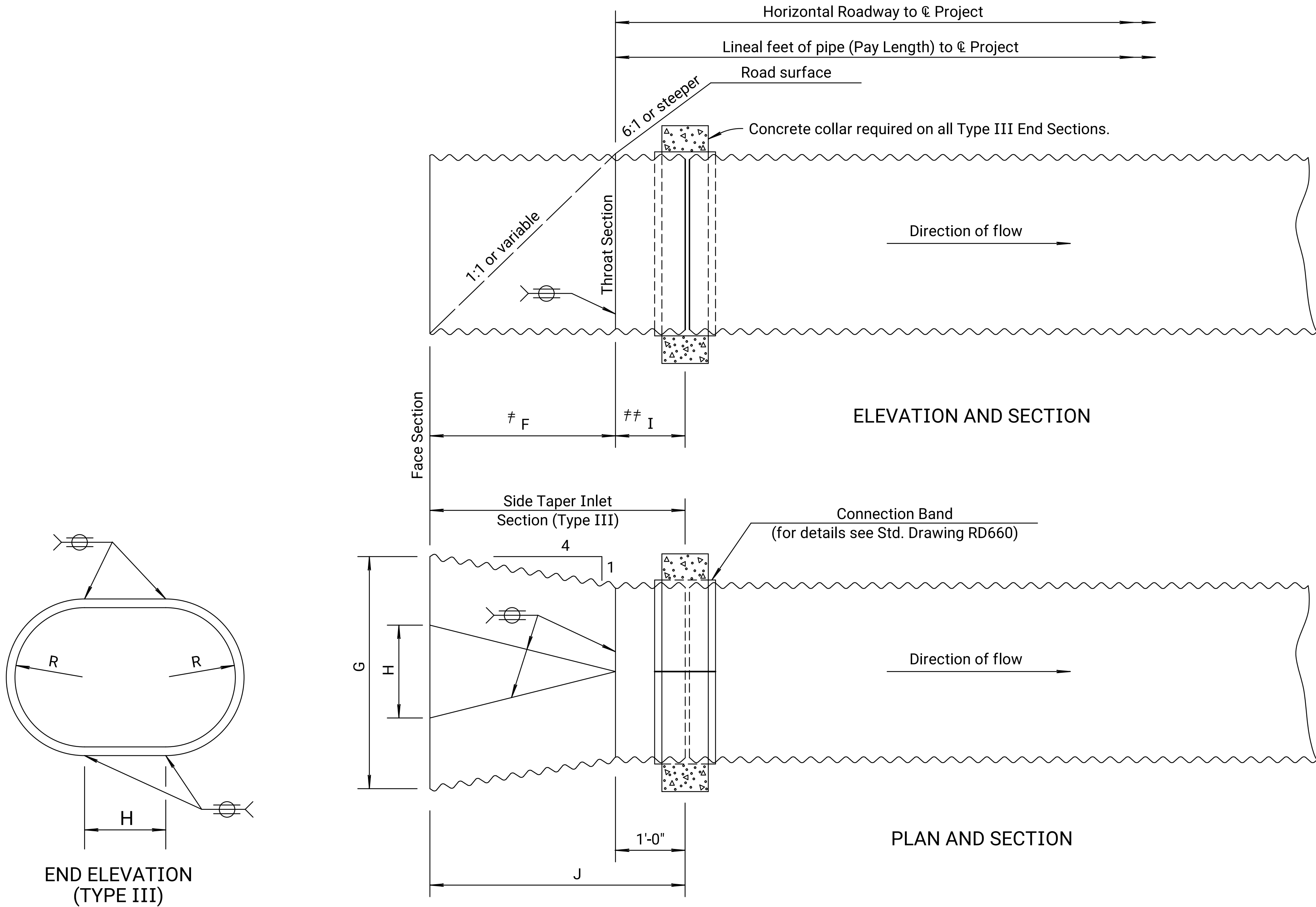
GENERAL NOTE

Seam welds to be cleaned and regalvanized or painted with a zinc-rich paint conforming to KDOT Standard Specification. Other methods of fabrication which meet requirements of face area and side taper slope will be acceptable, if approved by the Engineer.

Concrete Grade 2.5 may be used throughout. See bending diagrams and views above for reinforcing steel. All concrete and reinforcing steel will be subsidiary to the bid item "Cross Road Pipe". For other details of corrugated metal pipe and Type I Metal End Section, see Standard Drawing RD660.

Aluminum or aluminized pipe or end sections shall be coated with an asphaltic paint when in contact with fresh concrete in accordance with the Standard Specifications.

Gain in pipe length due to fit of pipe at connecting band shall not be paid for.



BENDING DIAGRAM
All dimensions are out-to-out of bars.

SIDE TAPERED INLET SECTION (TYPE III)-NOMINAL DIMENSIONS										
Diam.	Min. W.W. Area ✕ Sq. Ft.	R	F	G	H	I	J	GAUGE OF TYPE III E.S.		
								2 2/3" x 1 1/2" Corr.	3" x 1" Corr.	6" x 2" Corr.
24"	5.8	1'-0"	2'-0"	3'-4"	1'-4"	1'-8"	3'-8"	16		
30"	9.1	1'-3"	2'-6"	4'-2"	1'-8"	1'-10"	4'-4"	14		
36"	13.1	1'-6"	3'-0"	5'-0"	2'-0"	2'-0"	5'-0"	14	16	
42"	17.8	1'-9"	3'-6"	5'-10"	2'-4"	2'-2"	5'-8"	12	14	
48"	23.2	2'-0"	4'-0"	6'-8"	2'-8"	2'-4"	6'-4"	12	14	
54"	28.7	2'-3"	4'-6"	7'-4"	2'-10"	2'-2"	6'-8"	10	14	
60"	35.5	2'-6"	5'-0"	8'-2"	3'-2"	2'-4"	7'-4"	10	12	12
72"	51.3	3'-0"	6'-0"	9'-10"	3'-10"	2'-8"	8'-8"	8	12	12
84"	70.0	3'-6"	7'-0"	11'-6"	4'-6"	3'-0"	10'-0"	8	12	12
96"	91.6	4'-0"	8'-0"	13'-2"	5'-2"	3'-4"	11'-4"		10	10

- ✕ Paid for as separate item of End Section.
- ✕✕ Included in pay length of pipe.
- ✕ Minimum waterway area is calculated at the inside of the bevel.
- ▲ Note: At the Contractor's option, 5"x1" corrugated steel pipe of equal gauge may be substituted for the 3"x1" corrugated steel pipe listed in the table with the following restrictions:
 1. Fill height over top of pipe shall be less than 25 ft.
 2. Pipe shall be fabricated with helical corrugations and lock seams or continuous welded seams.

04	04-18-08	Added asphaltic paint note	S.W.K.	J.O.B.
03	09-20-07	Revised notes	S.W.K.	J.O.B.
02	01-28-05	Changed Class to Grade concrete	S.W.K.	J.O.B.
NO.	DATE	REVISIONS	BY	APPD
KANSAS DEPARTMENT OF TRANSPORTATION				
METAL END SECT. FOR METAL PIPE SIDE TAPERED INLET SECTION (TYPE III) & PIPE GAUGE TABLE				
RD661				
FHWA APPROVAL		06-27-08	APPD.	James O. Brewer
DESIGNED	DETAILED	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	