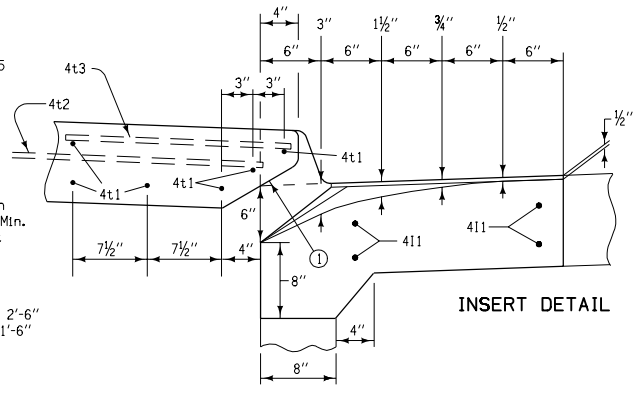


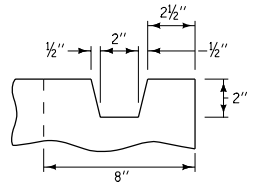
PLAN VIEW



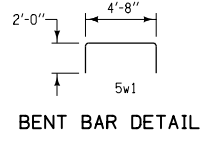
INSERT DETAIL

Contract Item:
Intake, RA-43

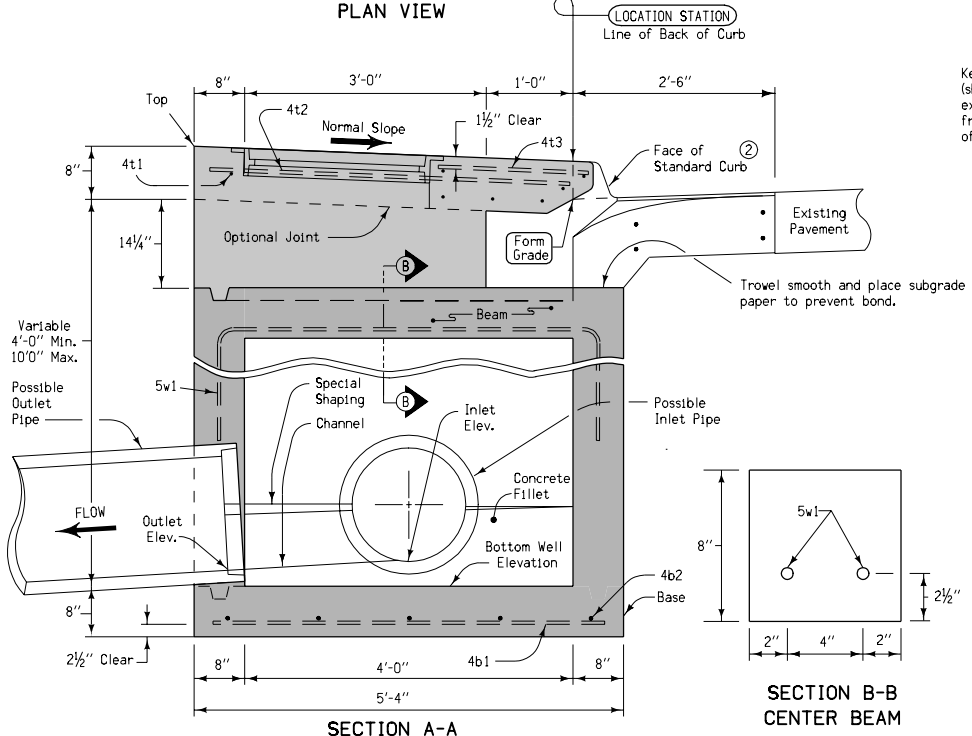
- ① 2:1 slope (horizontal:vertical)
- ② Dimensions shown are for the construction of a 6-inch standard curb as a part of the pavement. Modifications may be made to conform to other curb shapes.



KEYED CONSTRUCTION JOINT DETAIL

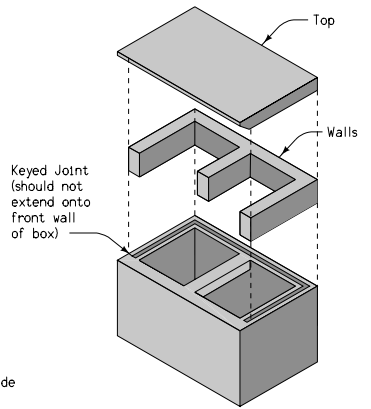


BENT BAR DETAIL



SECTION A-A

SECTION B-B
CENTER BEAM



ISOMETRIC VIEW
INTAKE WELL, WALLS AND TOP

For joint details, see Standard Road Plans RH-50, RH-51, and RH-52.

Placing sequence: 1. Base; 2. Walls; 3. Insert; 4. Top

REINFORCING BAR LIST							
MARK	SIZE	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	SPACING
4b1	4	Base	—	9	5'-0"	30	12"
4b2	4	Base	—	5	9'-0"	30	14"
5w1	5	Beam	—	2	8'-8"	18	4"
4t1	4	Top	—	7	9'-0"	42	See Detail
4t2	4	Top	—	9	4'-6"	27	12"
4t3	4	Top	—	16	1'-10"	20	6"
4i1	4	Insert	—	4	14'-4"	38	15' Insert
					19'-4"	52	20' Insert
					Total	205 lbs.	15' Insert
						219 lbs.	20' Insert

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RA-43

REVISION: Change 'E' Joint to 'ED' Joint and remove notes covered in the Specifications Book; change title.

APPROVED BY DESIGN METHODS ENGINEER
William J. Allen

CURB INTAKE
(DOUBLE UNIT)

REVISION NO.	4
REVISION DATE	04-19-05