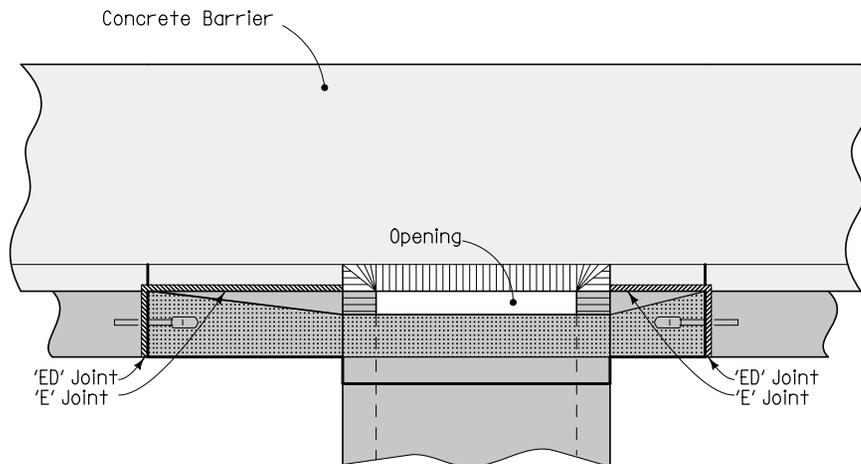


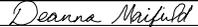
PLAN

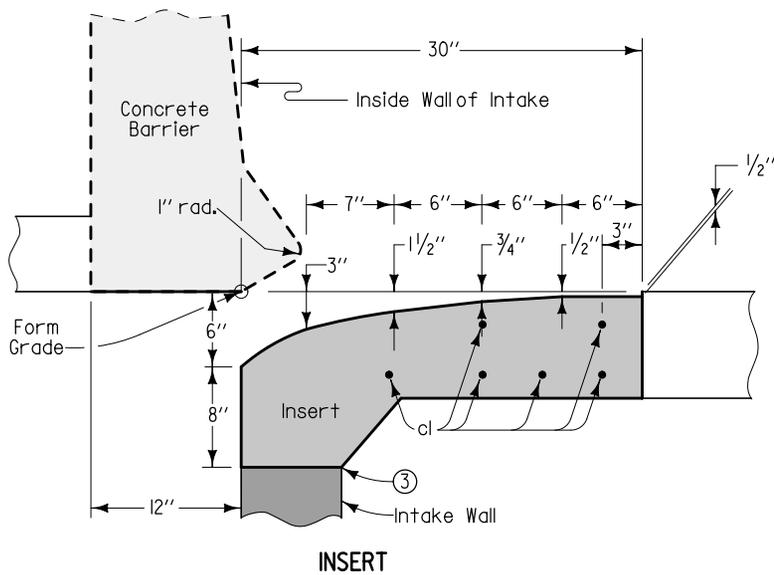


ELEVATION

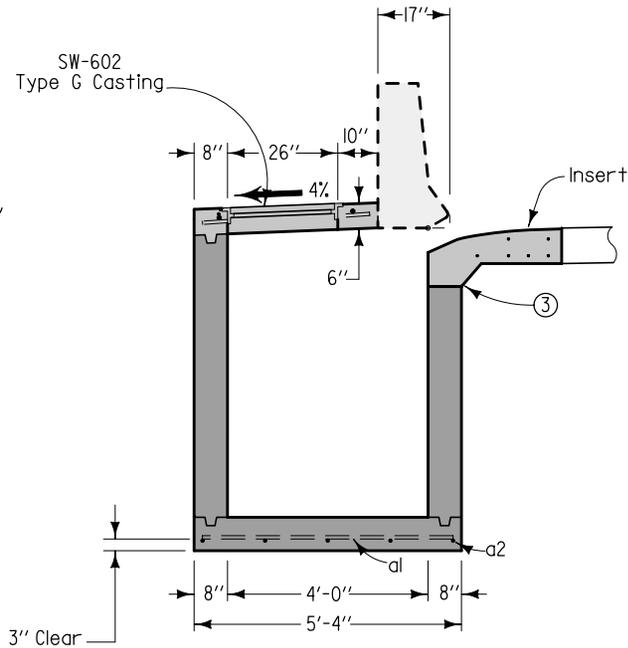
- ① 'ED' joint. Refer to PV-1 for details.
- ② (6) 1/4-inch smooth dowelbars in insert and 6 dowelbars in concrete barrier per installation.

Possible Contract Item:
Intake, SW-546

 Iowa Department of Transportation	REVISION	
	1	04-20-10
STANDARD ROAD PLAN		SW-546
		SHEET 1 of 2
<small>REVISIONS: Updated references to renamed standards. Changed wall thickness from 6" to 8".</small>		
 <small>APPROVED BY DESIGN METHODS ENGINEER</small>		
SINGLE OPEN-THROAT BARRIER INTAKE		

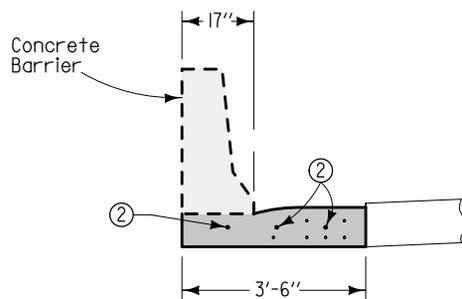


INSERT



TYPICAL SECTION

- ② (6) 1/4-inch smooth dowelbars in insert and 6 dowelbars in concrete barrier per installation.
- ③ Trowel smooth and place subgrade paper to prevent bond.



SECTION A-A

REINFORCING BAR LIST					
MARK	LOCATION	NO.	LENGTH	WEIGHT	SPACING
a1	Base	5	5'-0"	16.7	15"
a2	Base	5	5'-0"	16.7	15"
b1	Top	3	3'-4"	6.7	See Detail
b2	Top	2	5'-0"	6.7	See Detail
cl	Insert	6	1'-4"	44.4	See Detail
cl	Insert	6	13'-1"	52.4	See Detail
Total				91 lbs. or 99 lbs.	

 Iowa Department of Transportation	REVISION
	1 04-20-10
	SW-546
STANDARD ROAD PLAN	SHEET 2 of 2
REVISIONS: Updated references to renamed standards. Changed wall thickness from 6" to 8".	
<i>Deanna Maifeld</i> APPROVED BY DESIGN METHODS ENGINEER	
SINGLE OPEN-THROAT BARRIER INTAKE	