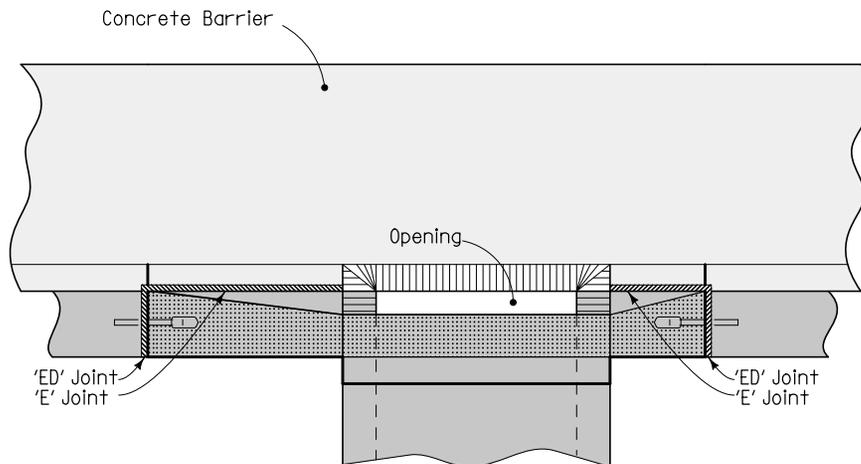


PLAN

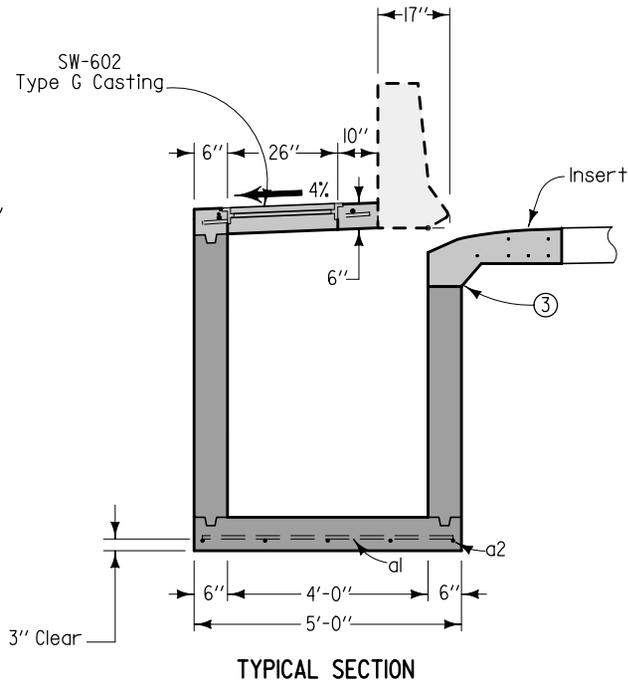
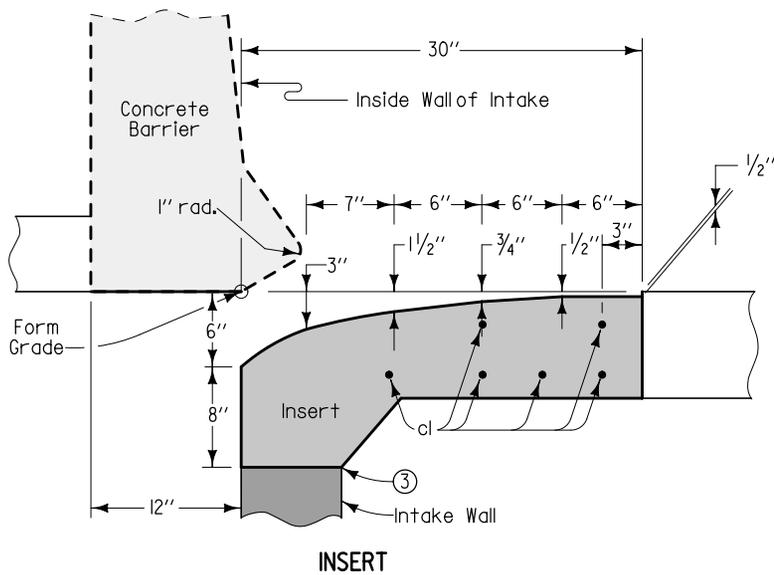


ELEVATION

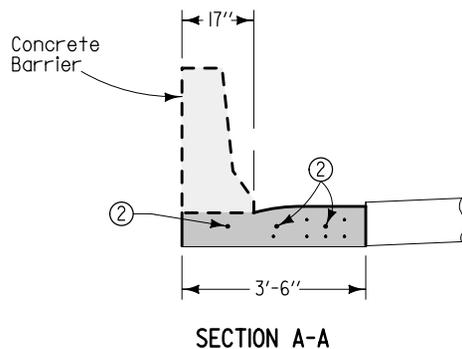
- ① 'ED' joint. Refer to RH-52 for details.
- ② (6) 11/4'-inch smooth dowelbars in insert and 6 dowelbars in concrete barrier per installation.

Possible Contract Item:
Intake, SW-546

 Iowa Department of Transportation	REVISION
	NEW 10-20-09
STANDARD ROAD PLAN	SW-546
REVISIONS: New. Replaces RA-46.	SHEET 1 of 2
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SINGLE OPEN-THROAT BARRIER INTAKE	



- ② (6) 11/4-inch smooth dowelbars in insert and 6 dowelbars in concrete barrier per installation.
- ③ Trowel smooth and place subgrade paper to prevent bond.



REINFORCING BAR LIST					
MARK	LOCATION	NO.	LENGTH	WEIGHT	SPACING
cl	Base	5	5'-0"	16.7	15"
a2	Base	5	5'-0"	16.7	15"
bl	Top	3	3'-4"	6.7	See Detail
b2	Top	2	5'-0"	6.7	See Detail
cl	Insert	6	11'-4"	44.4	See Detail
cl	Insert	6	13'-1"	52.4	See Detail
Total				91 lbs. or 99 lbs.	

	REVISION
	NEW 10-20-09
STANDARD ROAD PLAN	SW-546
SHEET 2 of 2	
REVISIONS: New. Replaces RA-46.	
<i>Deanna Mailfield</i> APPROVED BY DESIGN METHODS ENGINEER	
SINGLE OPEN-THROAT BARRIER INTAKE	