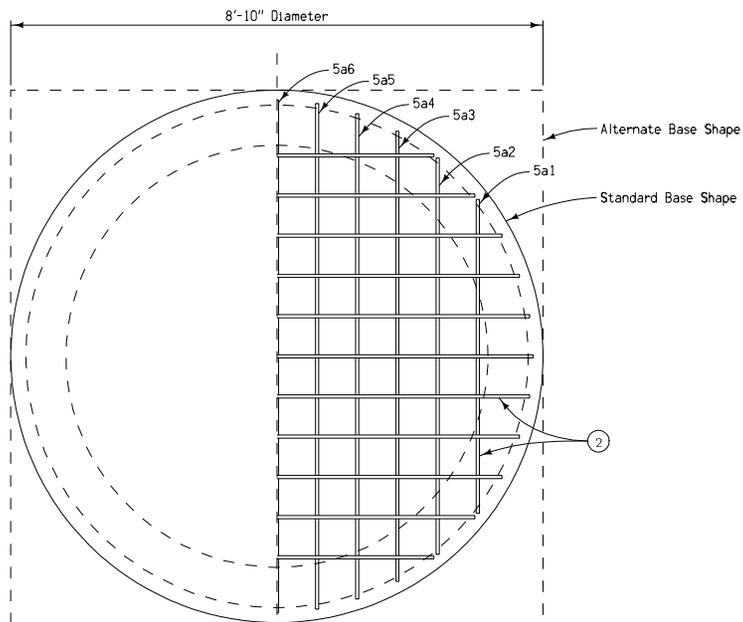


PART SECTION A-A



SECTION M-M
(BASE PLAN)

BILL OF REINFORCING STEEL						
CIRCULAR INTAKE BASE - EPOXY COATED						
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT	
5a1	Base, Longit. & Transverse	—	4	5'-3"	22	
5a2	Base, Longit. & Transverse	—	4	6'-7"	27	
5a3	Base, Longit. & Transverse	—	4	7'-6"	31	
5a4	Base, Longit. & Transverse	—	4	8'-0"	33	
5a5	Base, Longit. & Transverse	—	4	8'-4"	35	
5a6	Base, Longit. & Transverse	—	2	8'-6"	18	
EPOXY COATED REINFORCING STEEL - TOTAL					166	

- ① Intake base may be cast in place or precast. If precast, the base and first wall section may be cast separately with a keyway or as one unit.
- ② #5 at 8" centers each direction or equivalent welded wire fabric.

QUANTITY SUMMARY FOR CIRCULAR INTAKE BASE		
Concrete	2.3 CY	*
Epoxy Coated Reinforcing Steel	166 LB	*

* Based on Standard Base Shape

 Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RA-48B(5)	
REVISION: NEW	REVISION NO. NEW
<i>Deanna Masfield</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-18-06
SINGLE GRATE BARRIER INTAKE, CIRCULAR (Sheet 5 of 5)	