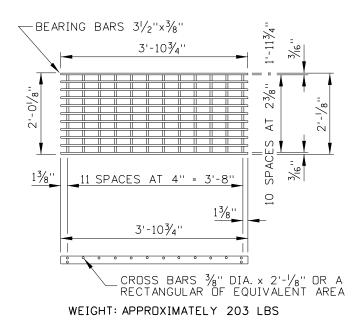


CURB OR CONCRETE BARRIER (CONCRETE

BARRIER SHOWN)



METAL GRATE

NOTES

- 1. CATCH BASIN TYPE 10 IS FOR USE WITH EMBANKMENT PROTECTOR WITH SLOTTED DRAIN, STANDARD DRAWING 607-2.
- 2. A 1" SIDE DRAFT IS ALLOWED FOR FORM REMOVAL.
- 3. CATCH BASINS FOR SLOTTED DRAINS CAN BE PRECAST OR CAST-IN-PLACE. ENSURE THAT PRECAST CATCH BASINS MEET THE REQUIREMENTS OF AASHTO M 199. TILT PRECAST CATCH BASINS OR CONSTRUCT CAST-IN-PLACE CATCH BASINS TO MATCH THE ROADWAY CROWN. OBTAIN THE ENGINEER'S APPROVAL PRIOR TO THE INSTALLATION OF PRECAST CATCH BASINS.
- 4. CDNSTRUCT CAST-IN-PLACE CATCH BASINS IN ACCORDANCE WITH SECTION 609 MINOR STRUCTURES OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 5. PROVIDE A MINIMUM CONCRETE COVER OF 2" OVER REINFORCING STEEL. PROVIDE A MINIMUM CONCRETE COVER OF 3" OVER REINFORCING STEEL IF CAST AGAINST EARTH.
- $6.\ \mbox{Ensure}$ that the finished top of concrete is flush with the grate surface.
- 7. ENSURE THAT THE METAL FOR THE GRATE MEETS THE REQUIREMENTS OF ASTM A36. PAINTING OR GALVANIZATION OF THE METAL GRATE IS NOT REQUIRED.
- 8. WELD THE METAL GRATE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY D1.1.
- 9. SET ANGLES SO THAT EACH BEARING BAR OF THE PREFABRICATED GRATE HAS FULL BEARING ON BOTH ENDS.
- 10. ENSURE THAT THE DISCHARGE PIPE SIZE IS THE SAME SIZE AS THE SLOTTED DRAIN PIPE. GROUT PIPE CONNECTIONS.
- 11. NOT TO SCALE.

T	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	REVISIONS								
		BY	DATE	NO.	BY	DATE	NO.	BY	DATE	NO.
	CADD FILE NAME: 605-27_0113.dgn									
	DRAWING DATE:									

7" NO. 4 BARS TWO PER SIDE

4'-6''

SECTION A-A

MINIMUN

15° MAX



BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
HIGHWAYS PROGRAM OVERSIGHT ENGINEER
ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

ISOMETRIC VIEW

(10' BARRIER SHOWN)

CATCH BASIN TYPE 10

STANDARD DRAWING

REQUIRES STD. DWG. 607-2

English
standard drawing no
605-27

SHEET 1 OF

ORIGINAL STORE AT: ITD,

Headquarters 3311 West State Boise, Idaho

