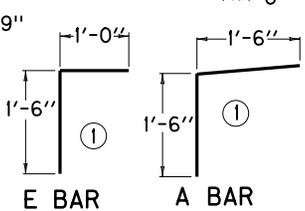


**NOTES:**

**SECTION A-A**

- ① RELATES TO MEDIAN CROSS SLOPE - 6A=12:1, 6B=6:1, 6C=5:1, 6D=4:1, 6E=3:1, 6F EQUALS ANY ADDITIONAL SLOPE AS SPECIFIED BY THE ENGINEER.
- ② WHEN A BOX INLET IS PLACED IN A SAG CONSTRUCT APRON 4'-0" ON EACH SIDE AS SHOWN.
- ③ RATE OF INCREASE OR DECREASE 0.41 CU. YD. PER FOOT IN HEIGHT.
4. DEDUCT APPROX. 0.1 CU. YD. OF CONCRETE FOR 15"-18"-24" PIPE AND 0.2 CU. YD. OF CONCRETE FOR A 30" PIPE.
5. DETAILS ARE SHOWN FOR A TYPE 6A . IT IS NECESSARY TO REVISE VARIOUS DETAILS INCLUDING FRAME FOR TYPES B, C, D, E, AND F.
- ⑥ COMPACT THIS VOLUME WITH D.G.A. BASE OR GRAVEL BASE AND INCLUDE IN THE UNIT PRICE OF THE BOX APPROX. QUANTITIES
7. RELIANCE STEEL (CAT. NO. H2-12D) AND GARY STEEL (CAT. NO. HW3-D-300) ARE ACCEPTABLE ALTERNATES PROVIDED MATCHED GRATES ARE SUPPLIED.
- ⑧ THE 2 3/4" BAR SHALL BE NOTCHED TO RECEIVE THE 1" CROSS BAR.
9. STEEL REINFORCEMENT SPACED AS SHOWN.

**SECTION B-B**



NOTE: PRIMARY USE (DEPRESSED MEDIAN)

STR. STEEL WTS.	
1 GRATE	TOTAL FRAME
181 LBS.	362 LBS. 64 LBS.

APPROX. QUANTITIES		
TYPE	CONCRETE	REINF. STEEL
SAG	4.0 CU. YD. ④	304 LBS
GRADE	3.4 CU. YD. ④	262 LBS

**BILL OF REINFORCEMENT**

BAR	NO. OF BARS	SIZE	LENGTH
A	30 OR 38	*5	3'-0"
B	29 OR 36	*4	4'-8"
C	4	*4	3'-8"
E	26 OR 24	*5	2'-6"

KENTUCKY  
DEPARTMENT OF HIGHWAYS

**DROP BOX  
INLET TYPE  
6A-6B-6C-6D-6E & 6F**

STANDARD DRAWING NO. RDB-006-07

SUBMITTED: *David Kett* 11-21-07  
DIRECTOR DIVISION OF DESIGN DATE  
APPROVED: *November Mathews* 11-21-07  
STATE HIGHWAY ENGINEER DATE