



SECTION C-C

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"

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

STR. STEEL WTS.

	TOTAL	FRAME
1 GRATE	362 LBS.	64 LBS.

APPROX. QUANTITIES

TYPE	CONCRETE 3'-6" BOX	REINF. STEEL
SAG	4.0 CU. YD. ④	304 LBS.
GRADE	3.4 CU. YD. ④	262 LBS.

KENTUCKY
DEPARTMENT OF HIGHWAYS

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

STANDARD DRAWING NO. RDB-006-08

SUBMITTED *[Signature]* DATE 12-01-15
APPROVED *[Signature]* DATE 12-01-15
STATE HIGHWAY ENGINEER