



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"

NOTE: PRIMARY USE (DEPRESSED MEDIAN)

STR. STEEL WTS.		
1 GRATE	TOTAL	FRAME
198 LBS	396 LBS	64 LBS

APPROX. QUANTITIES

TYPE	CONCRETE 3'-6" ③ 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
5A-5B-5C-5D-5E & 5F

STANDARD DRAWING NO. RDB-005-09

SUBMITTED *[Signature]* 12-01-15
ORIGINATOR'S SIGNATURE OF DESIGN DATE
APPROVED *[Signature]* 12-01-15
STATE HIGHWAY ENGINEER DATE

~ NOTES ~

- BID ITEM AND UNIT TO BID
DROP BOX INLET TYPE 5 (A, B, C, D, E, F) EACH
- RELATES TO MEDIAN CROSS SLOPE - 5A=12:1, 5B=6:1, 5C=5:1, 5D=4:1, 5E=3:1, 5F 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. 0.10 CU. YD. OF CONCRETE FOR 15", 18", 24" PIPE AND 0.20 CU. YD. OF CONCRETE FOR A 30" PIPE.
- DETAILS ARE SHOWN FOR A TYPE 5A. 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.
- WHEN D.B.I. TYPE 5 IS CONSTRUCTED IN CONJUNCTION WITH PAVED DITCH TYPE 3, SEE PAVED DITCH TYPE 3 DETAIL FOR ADDITIONAL STEEL REQUIREMENTS.