



- ~ NOTES ~
- BID ITEM AND UNIT TO BID
 DROP BOX INLET TYPE 2 EACH
- ① 6:1 SLOPES ARE WITH REFERENCE TO DITCH GRADE.
 - ② WHEN A BOX INLET IS PLACED IN A SAG, OMIT THE EARTH DIKE AND LONGITUDINAL SLOPE OF THE GRATE, AND PROVIDE A CONCRETE APRON ON EACH SIDE OF THE INLET.
 - ③ RATE OF INCREASE OR DECREASE 0.41 CU. YD. PER FOOT IN HEIGHT.
 - ④ DEDUCT APPROX. 0.2 CU. YD. OF CONCRETE FOR A 30" PIPE AND 0.3 CU. YD. OF CONCRETE FOR A 36" PIPE.
 - ⑤ COMPACT THIS VOLUME WITH D.G.A. BASE OR GRAVEL BASE AND INCLUDE IN THE UNIT PRICE OF THE BOX.
 6. DOWNSTREAM DIKE COMPLETE AND IN PLACE IS INCLUDED IN THE CONTRACT UNIT PRICE OF THE INLET. SODDING IS NOT INCLUDED.

BILL OF REINFORCEMENT

BAR	NO. OF BARS	SIZE	LENGTH	APPROX. SPACING
A	44 OR 60	*5	3'-0"	1'-0" C TO C
B	9 OR 18	*4	3'-9"	AS SHOWN
C	16 OR 22	*4	4'-9"	AS SHOWN

NOTE: PRIMARY USE (ROADSIDE DITCH LOCATION)

STR. STEEL WTS.		
1 GRATE	TOTAL	FRAME
170 LBS	340 LBS	58 LBS

APPROX. QUANTITIES

TYPE	CONCRETE 3'-9" ③ BOX	REINF. STEEL
SAG	4.8 CU. YD. ④	303 LBS
GRADE	3.9 CU. YD. ④	212 LBS

**KENTUCKY
 DEPARTMENT OF HIGHWAYS**

**DROP BOX
 INLET
 TYPE 2**

STANDARD DRAWING NO. RDB-002-12

SUBMITTED DATE 12-01-15
 DIRECTOR, DIVISION OF DESIGN

APPROVED DATE 12-01-15
 STATE HIGHWAY ENGINEER