



BILL OF REINFORCEMENT

BAR	NO. OF BARS	SIZE	LENGTH	APPROX. SPACING
A	40 OR 56	#5	3'-0"	1'-0" C TO C
B	25 OR 40	#4	4'-0"	AS SHOWN

BASIS OF PAYMENT

DOWNSTREAM DIKE COMPLETE AND IN PLACE IS INCLUDED IN THE CONTRACT UNIT PRICE OF THE INLET. SODDING IS NOT INCLUDED.

CONSTRUCTION REQUIREMENTS

- 6:1 SLOPES ARE WITH REFERENCE TO DITCH GRADE.
- 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.
- RATE OF INCREASE OR DECREASE 0.36 CU. YD. PER FOOT IN HEIGHT.
- DEDUCT APPROX. 0.1 CU. YD. OF CONCRETE PER PIPE.
- RELIANCE STEEL (CAT. NO. H2-12D) AND GARY STEEL (CAT. NO. HW3-D-300) ARE ACCEPTABLE ALTERNATES PROVIDED MATCHED GRATES ARE SUPPLIED.
- THE 2 $\frac{3}{4}$ " BAR SHALL BE NOTCHED TO RECEIVE THE 1" BAR.
- COMPACT THIS VOLUME WITH D.G.A. BASE OR GRAVEL BASE AND INCLUDE IN THE UNIT PRICE OF THE BOX.

NOTE: PRIMARY USE (ROADSIDE DITCH LOCATION)

APPROX. QUANTITIES

TYPE	CONCRETE	REINF. STEEL
SAG	4.4 CU. YD. ④	282 LBS
GRADE	3.4 CU. YD. ④	192 LBS

KENTUCKY
DEPARTMENT OF HIGHWAYS

DROP BOX INLET TYPE 3

STANDARD DRAWING NO. RDB-003-07

SUBMITTED: *David Kott* 11-21-07
DIRECTOR DIVISION OF DESIGN DATE

APPROVED: *November Mathews* 11-21-07
STATE HIGHWAY ENGINEER DATE