

~ NOTES ~

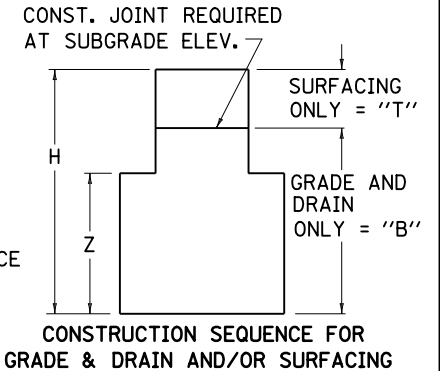
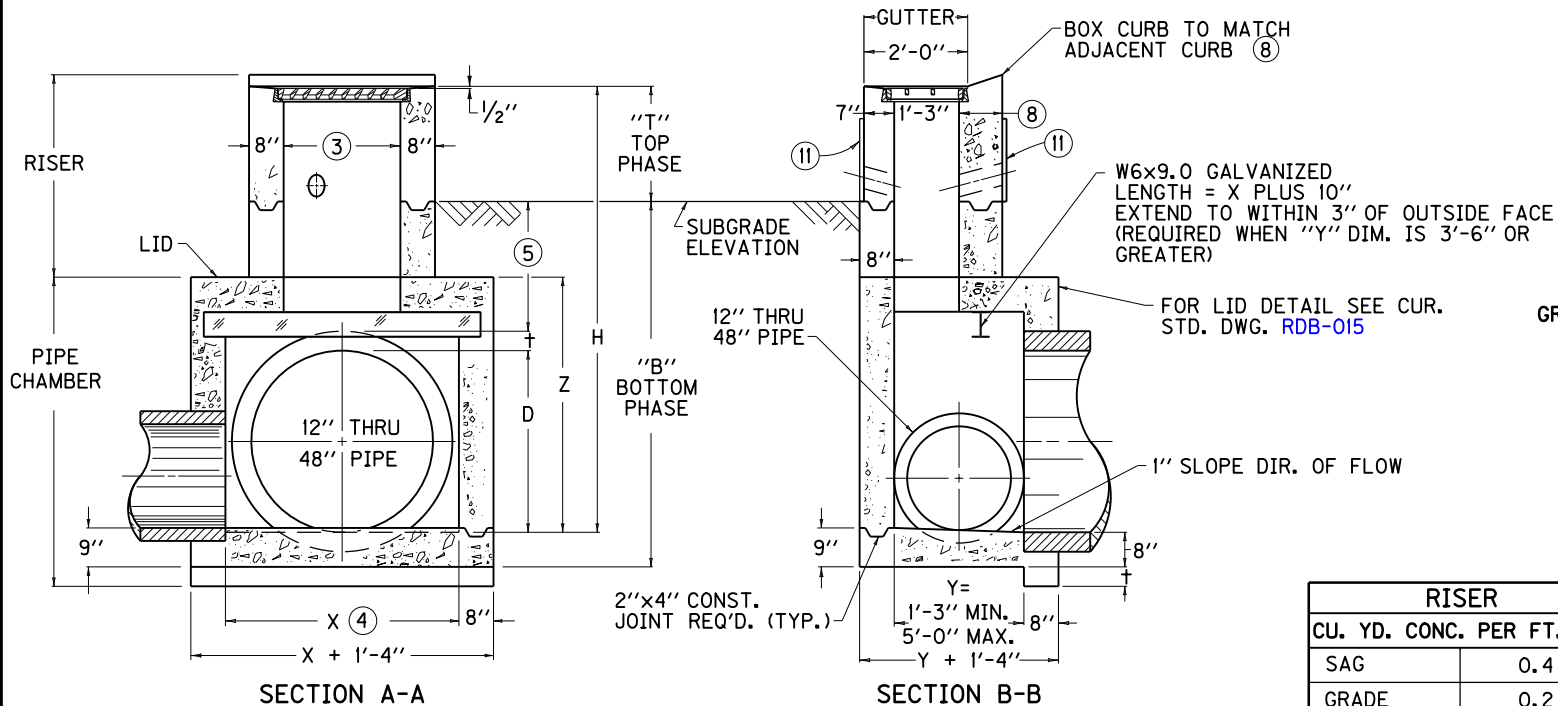
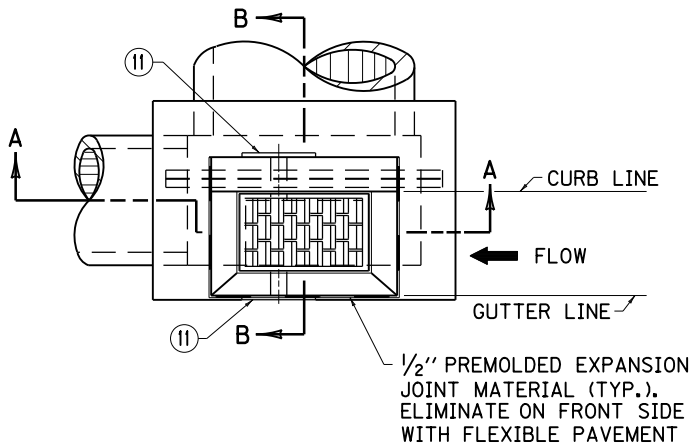
BID ITEM AND UNIT TO BID  
DROP BOX INLET TYPE 13 (Δ) (\*)

EACH

- (Δ) = "S" (SAG CONDITION)
- (Δ) = "G" (GRADE CONDITION)
- (\*) = "T" (TOP PHASE)
- (\*) = "B" (BOTTOM PHASE)

WITH NO "T" OR "B" SUFFIX A COMPLETE INLET IS REQUIRED.

1. BOX INLET SHALL BE CONSTRUCTED IN TWO PHASES (BOTTOM AND TOP) AND MAY BE CONSTRUCTED IN A SAG VERTICAL CURVE OR ON GRADE.
2. FOR ILLUSTRATION PURPOSES THIS DRAWING DEPICTS A BOX LOCATED ON A GRADE CONDITION. SEE CUR. STD. DWG. [RDB-014](#), FOR DETAILS OF SAG AND GRADE CONDITIONS.
- ③ DIMENSION VARIES DEPENDING UPON LOCATION OF BOX; GRADE CONDITION = 2'-3", SAG CONDITION = 4'-11".
- ④ GRADE CONDITION: "X" = 2'-3" MIN. TO 5'-0" MAX., SAG CONDITION: "X" = 4'-11".
- ⑤ 2'-0" DESIRED COVER, 1'-0" MINIMUM COVER OVER PIPE AND/OR LID.
6. "t" IS CONCRETE PIPE WALL THICKNESS OR METAL CORRUGATION DEPTH.
7. ALL WALLS AND SLABS ARE 8" THICK UNLESS OTHERWISE SHOWN.
- ⑧ THICKNESS = CURB WIDTH + 2" (MINIMUM WIDTH 8" WITHOUT CURB). INLET MAY BE CONSTRUCTED WITH OR WITHOUT A CURB. THE CURB ON THE BOX SHALL BE CONSTRUCTED TO MATCH THE ADJOINING CURB WITH THE SAME CONSTRUCTION AND MATERIAL DETAILS (SEE CUR. STD. DWG. [RPM-100](#)). THIS DRAWING DEPICTS A LIP CURB APPLICATION.
9. THE TOP PHASE SHALL BE CAST AFTER THE ADJOINING CURB AND GUTTER HAVE BEEN CAST.
10. SEE CUR. STD. DWG. [RDB-014](#), [RDB-015](#), [RDB-016](#), [RDB-018](#), AND [RDB-019](#) FOR FRAME AND GRATE DETAIL, STEEL PATTERN, DIMENSIONS AND QUANTITIES.
- ⑪ FABRIC WRAPPED BACKFILL DRAIN, (ONE PER WEEP HOLE).
12. THIS GRATE IS BICYCLE FRIENDLY.



USE WITH CUR. STD. DWGS.  
[RDB-014](#), [RDB-015](#), [RDB-016](#),  
[RDB-017](#), [RDB-018](#), [RDB-019](#),  
[RPM-100](#)

**KENTUCKY**  
**DEPARTMENT OF HIGHWAYS**

**DROP BOX INLET**  
**TYPE 13**  
(DETAIL SHEET)

STANDARD DRAWING NO. [RDB-013-07](#)

SUBMITTED	DATE
<i>William P. Gullett</i>	12-01-15
DIRECTOR, DIVISION OF DESIGN	DATE
APPROVED	DATE
<i>John</i>	12-01-15
STATE HIGHWAY ENGINEER	DATE

RISER	
CU. YD. CONC. PER FT. HT.	HT.
SAG	0.4
GRADE	0.2