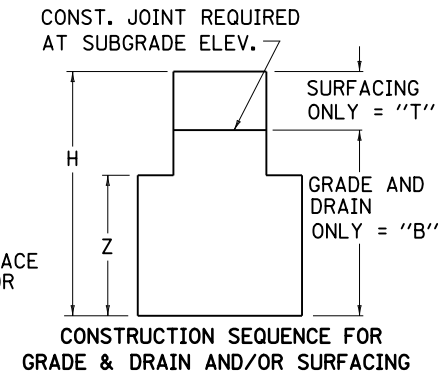
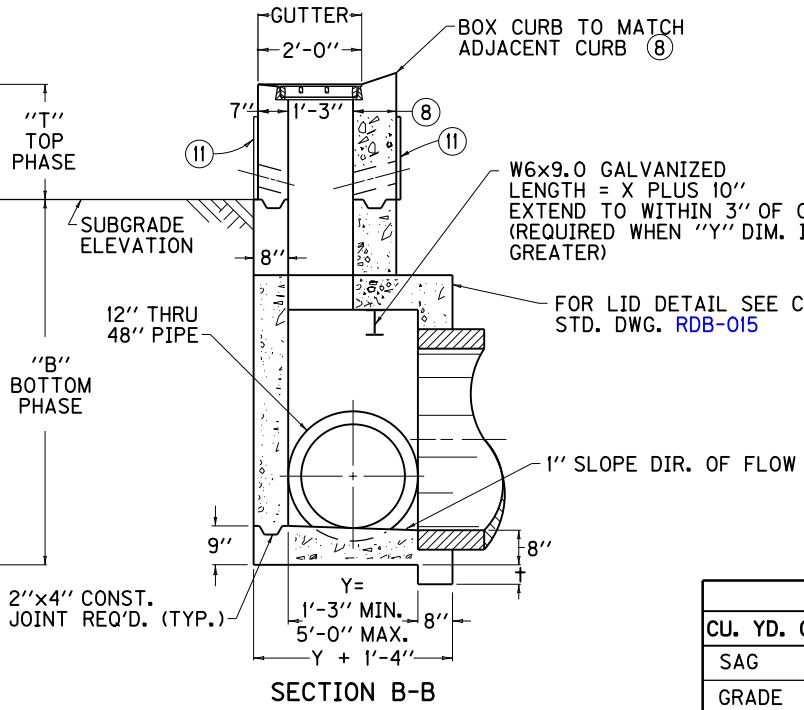
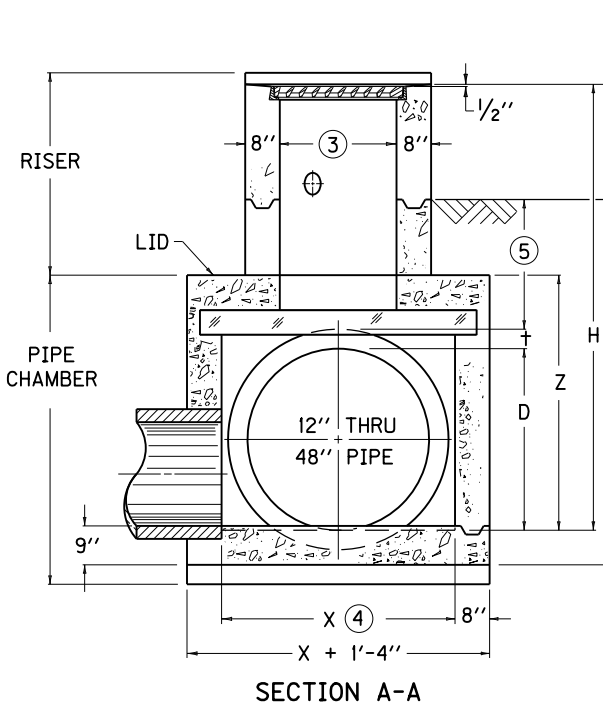


- ### NOTES
1. BOX INLET SHALL BE CONSTRUCTED IN TWO PHASES (BOTTOM AND TOP) AND MAY BE CONSTRUCTED IN A SAG VERTICAL CURVE OR ON GRADE.  
 BID ITEM: DROP BOX INLET TYPE 13 (Δ) (\*)  
 (Δ) = "S" (SAG CONDITION)  
 (Δ) = "G" (GRADE CONDITION)  
 (\*) = "T" (TOP PHASE)  
 (\*) = "B" (BOTTOM PHASE)  
 WITH NO "T" OR "B" SUFFIX A COMPLETE INLET IS REQUIRED.
  2. FOR ILLUSTRATION PURPOSES THIS DRAWING DEPICTS A BOX LOCATED ON A GRADE CONDITION. SEE CURRENT 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 CURRENT 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 CURRENT STD. DWG. [RDB-014](#), 015, 016, 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](#), 015, 016, 017, 018,  
 AND [RDB-019](#)

<b>KENTUCKY</b>	
<b>DEPARTMENT OF HIGHWAYS</b>	
<b>DROP BOX INLET</b>	
<b>TYPE 13</b>	
(DETAIL SHEET)	
STANDARD DRAWING NO. <a href="#">RDB-013-06</a>	
SUBMITTED: <i>David Kett</i>	11-21-07 DATE
APPROVED: <i>Matthew Mathews</i>	11-21-07 DATE
DIRECTOR DIVISION OF DESIGN	STATE HIGHWAY ENGINEER

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