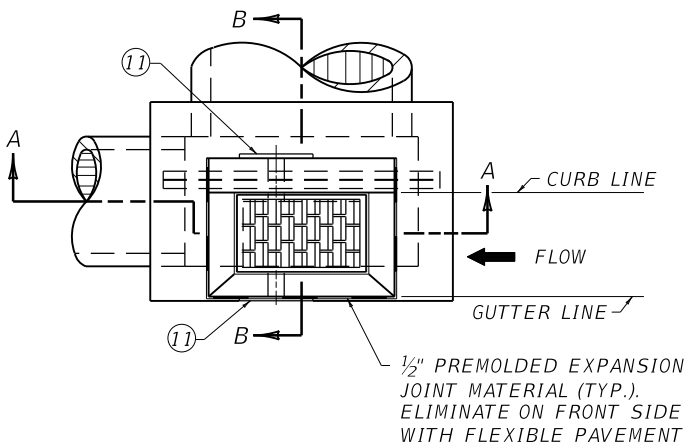


PLAN VIEW

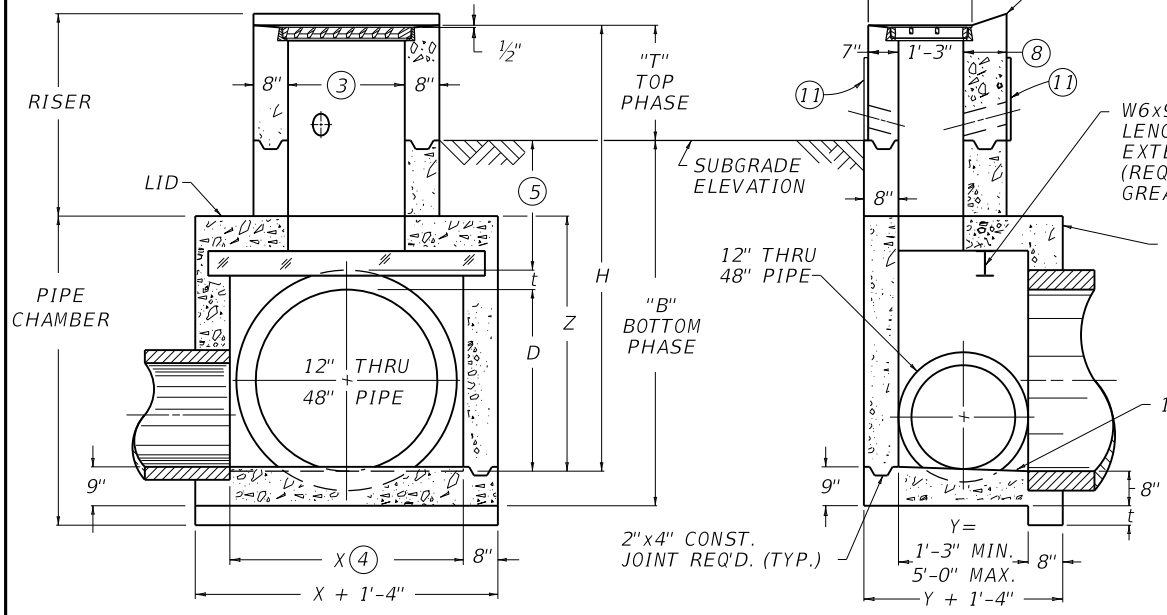
~ NOTES ~

BID ITEM AND UNIT TO BID
DROP BOX INLET TYPE 13 (△)(✱) EACH

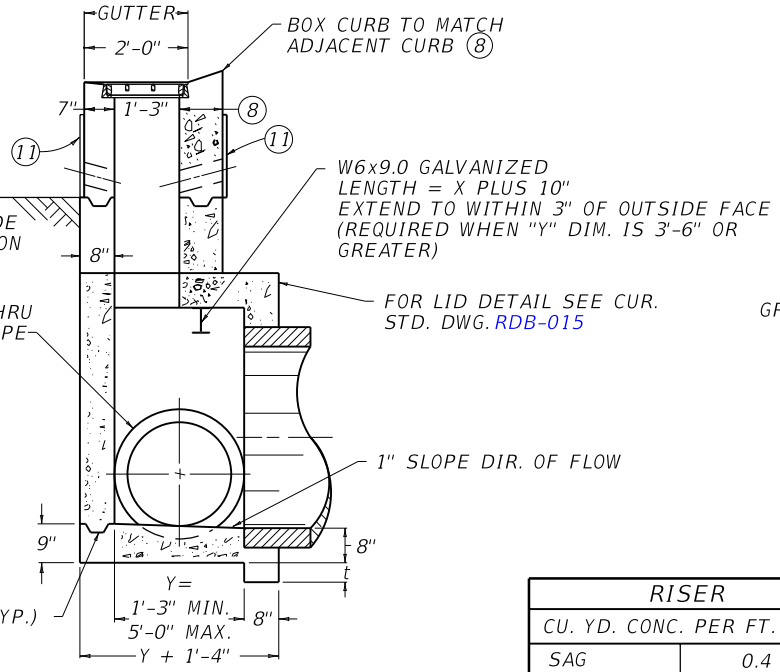
(△) = "S" (SAG CONDITION)
(△) = "G" (GRADE CONDITION)
(✱) = "T" (TOP PHASE)
(✱) = "B" (BOTTOM PHASE)

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

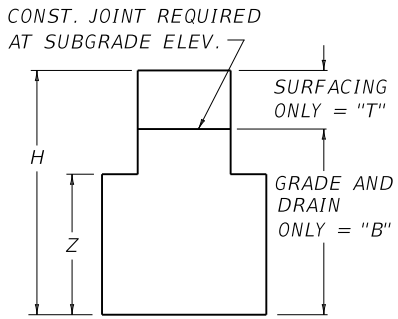
1. BOX INLET SHALL BE CONSTRUCTED IN TWO PHASES (BOTTOM AND TOP) AND MAY BE CONSTRUCTED IN A SAG VERTICAL CURVE OR ON GRADE.
2. FOR ILLUSTRATION PURPOSES THIS DRAWING DEPICTS A BOX LOCATED ON A GRADE CONDITION. SEE CUR. STD. DWG. RDB-014 FOR DETAILS OF SAG AND GRADE CONDITIONS.
3. DIMENSION VARIES DEPENDING 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.



SECTION A-A



SECTION B-B



CONSTRUCTION SEQUENCE FOR GRADE & DRAIN AND/OR SURFACING

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

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

APPROVED _____ STATE HIGHWAY ENGINEER 12-01-15 DATE