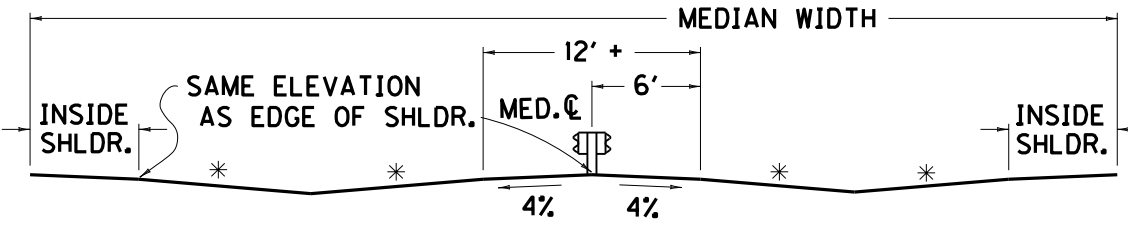


NOTES

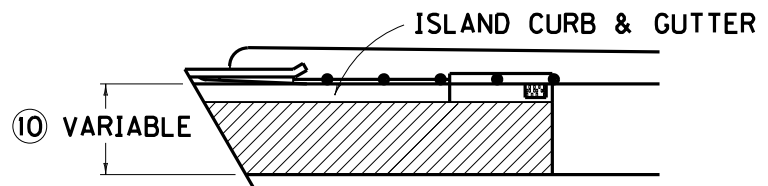
- ① NO ANGLES PERMITTED IN NORMAL GUARDRAIL ALIGNMENT.
- ③ TO TERMINATE GUARDRAIL INSTALLATION:
 - A. ALL FILLS; ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 1.
 - B. SOLID ROCK CUTS WITHOUT ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 2A.
 - C. EARTH CUTS AND SOFT ROCK CUTS, USE END TREATMENT TYPE 3.
 - D. ALL FILLS; ALSO SOLID ROCK CUTS WITH ADEQUATE VEHICLE RECOVERY ZONE BEHIND GUARDRAIL, USE END TREATMENT TYPE 4A.
- ⑧ USE ROADWAY OR BORROW EXCAVATION, OR EMBANKMENT IN PLACE.
- ⑩ WHEN THIS DIMENSION IS 6' OR GREATER USE CONCRETE PAVEMENT (8" JOINTED PLAIN CONCRETE PAVEMENT WHEN MAINLINE DESIGN IS FLEXIBLE, SAME THICKNESS AS MAINLINE WHEN RIGID DESIGN). WHEN THIS DIMENSION IS LESS THAN 6' USE ISLAND CURB AND GUTTER AND SAME PAVEMENT AS SHOWN ON MAINLINE DESIGN, (SEE DETAIL A).
- ⑬ FLATTEN SLOPES AND ELIMINATE INLET WHEN MEDIAN SLOPES AWAY FROM BRIDGE.
- ⑭ LOCATE AS CLOSE TO GUARDRAIL AS SLOPE WILL PERMIT.
- ⑮ VARIABLE LENGTH. SEE APPLICABLE "BRIDGE END CONNECTOR" DRAWING (RBC SERIES).
- ⑯ SEE STD. DWG. RBB-003, CURRENT EDITION, FOR MEDIAN GUARDRAIL POST ALIGNMENT.
- ⑰ SHOWN FOR FILL CONDITION. REDUCE LENGTH SHOULD FIELD CONDITIONS WARRANT.
- ⑱ ROUND SLOPES IN ACCORDANCE WITH CURRENT STD. DWG. RGX-001.

ITEM	STD. DWG. NO. (CURRENT EDITION)
① STEEL W BEAM GUARDRAIL (SINGLE FACE)	RBR-SERIES
② 137'-6" STEEL W BEAM GUARDRAIL (DOUBLE FACE)	
③ END TREATMENT TYPE 1, 2A, 3 OR 4A	
④ END TREATMENT TYPE 2A	
⑤ CRASH CUSHION TYPE IX-A	RBE-SERIES
⑥ BRIDGE END CONNECTORS	RBC-SERIES
⑦ 6' EARTH DIKE	RGX-SERIES
⑧ GUARDRAIL EARTH BERM	
⑨ TERMINAL SECTION NO. 1	RBR-SERIES
DRAINAGE ITEMS (WHEN REQUIRED)	
⑩ BRIDGE END DRAINAGE AREA (TYPICAL)	
⑪ CURB BOX INLET TYPE B	RDB-SERIES
⑫ ISL. INTERGAL CURB OR ISL. CURB AND GUTTER	RPM-SERIES
⑬ DROP BOX INLET (SEE PLANS FOR TYPE)	RDB-SERIES
⑭ DROP BOX INLET (SEE PLANS FOR TYPE)	



SECTION A-A

* SLOPES 12:1 DESIRABLE, 6:1 MINIMUM
 ⊗ SLOPES 12:1 OR FLATTER REQUIRED



DETAIL A

USE WITH CURRENT STD. DWG. RBB-003

**KENTUCKY
 DEPARTMENT OF HIGHWAYS**

**GUARDRAIL AND
 BRIDGE END DRAINAGE
 FOR TWIN STRUCTURES**

SUBMITTED *William S. Gallego* 9-24-13
 DATE

FILE NAME: C:\PWORK\JEFF.LAIL\00512631\SEPIA_020.DGN
 USER: jeff.lail
 DATE PLOTTED: September 24, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443