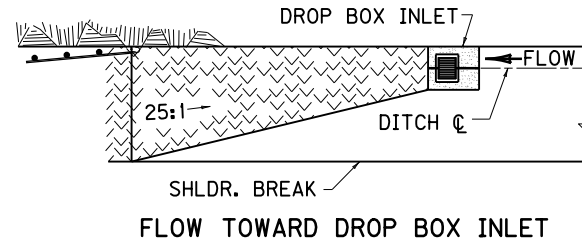
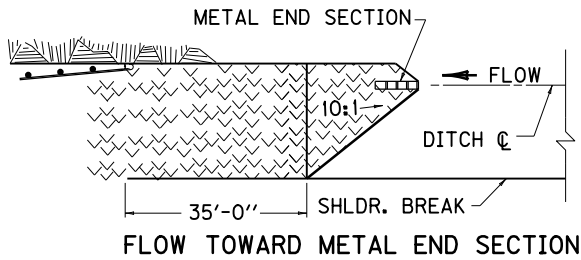


DETAIL OF GUARDRAIL FOR FILL TO SOLID ROCK CUT SECTION

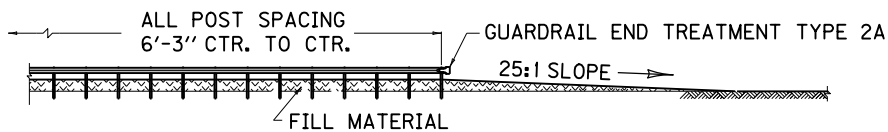
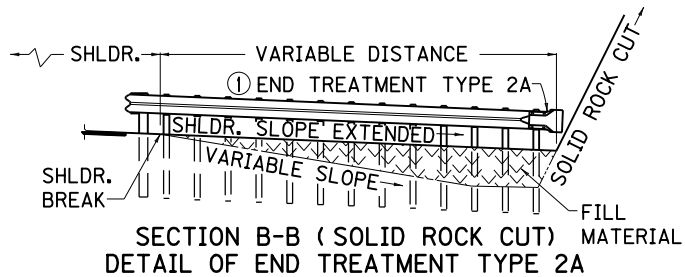


GRADING DETAILS

~ NOTES ~

- ① SOLID ROCK CUTS WITHOUT AN ADEQUATE RECOVERY ZONE.
- 2. INTENDED USE: FOR END TREATMENTS AGAINST SOLID ROCK CUTS ONLY. END TREATMENT SHALL NOT ABUT LOOSE ROCK. FOR INSTALLATION WHERE SOLID ROCK IS NOT ENCOUNTERED SEE CURRENT STANDARD DRAWING [RBR-030](#).

BID ITEMS AND UNIT TO BID:  
 GUARDRAIL END TREATMENT TYPE 2A EACH  
 ROADWAY OR BORROW EXCAVATION, OR EMBANKMENT IN PLACE CUYD  
 DRAINAGE STRUCTURE BID SEPARATELY.



SECTION D-D ( GUARDRAIL END TREATMENT TYPE 2A )

③			
DESIGN SPEED	70+ MPH	60 MPH	50 MPH OR LESS
FLARE RATES	15:1	13:1	11:1

USE WITH CUR. STD. DWGS.  
[RBI-001](#), [RBI-002](#), [RDB-005](#), [RBR-030](#)

<b>KENTUCKY</b>	
<b>DEPARTMENT OF HIGHWAYS</b>	
TYPICAL INSTALLATION FOR GUARDRAIL END TREATMENT TYPE 2A	
STANDARD DRAWING NO. RBI-003-09	
SUBMITTED <i>William P. Galbraith</i>	DATE 12-01-15
<small>DIRECTOR, DIVISION OF DESIGN</small>	
APPROVED <i>[Signature]</i>	DATE 12-01-15
<small>STATE HIGHWAY ENGINEER</small>	