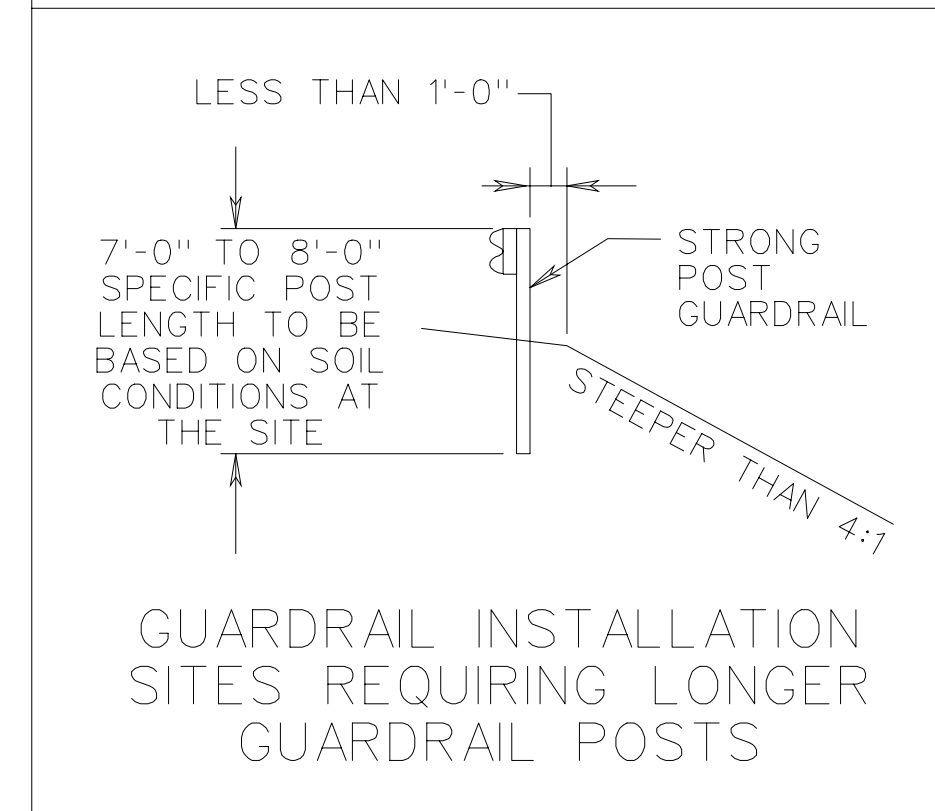
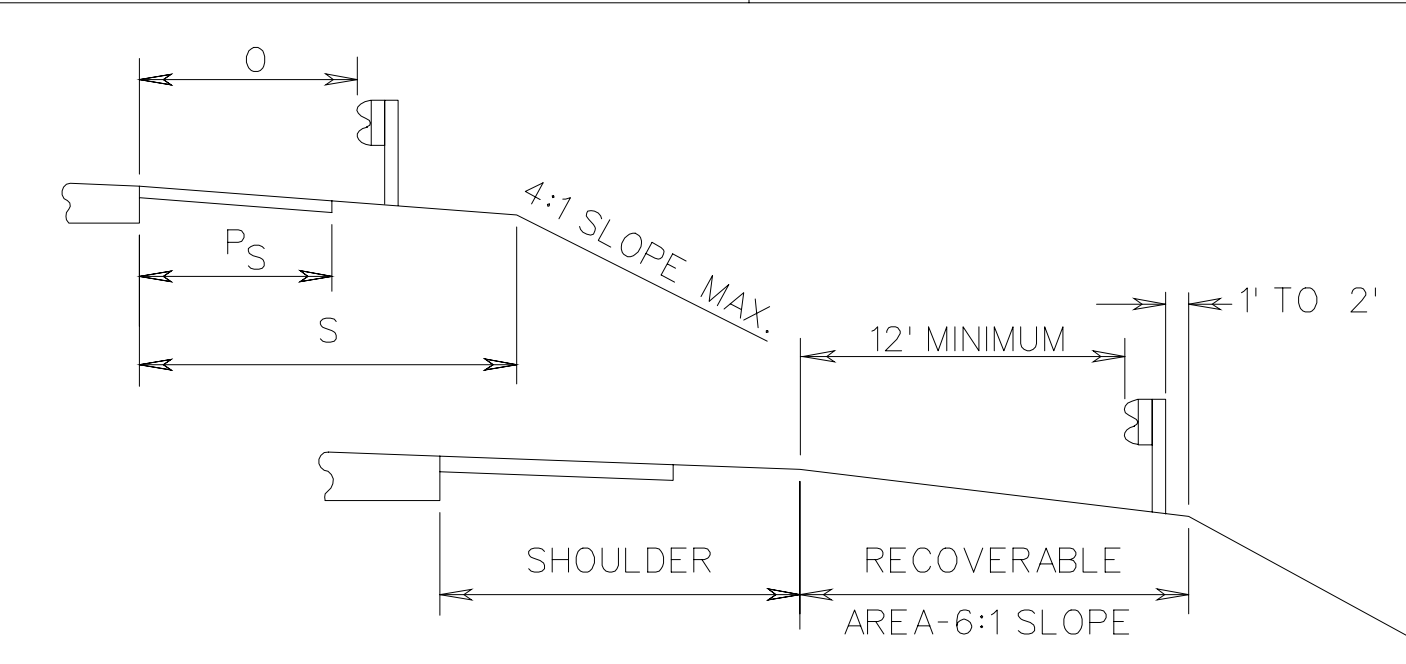
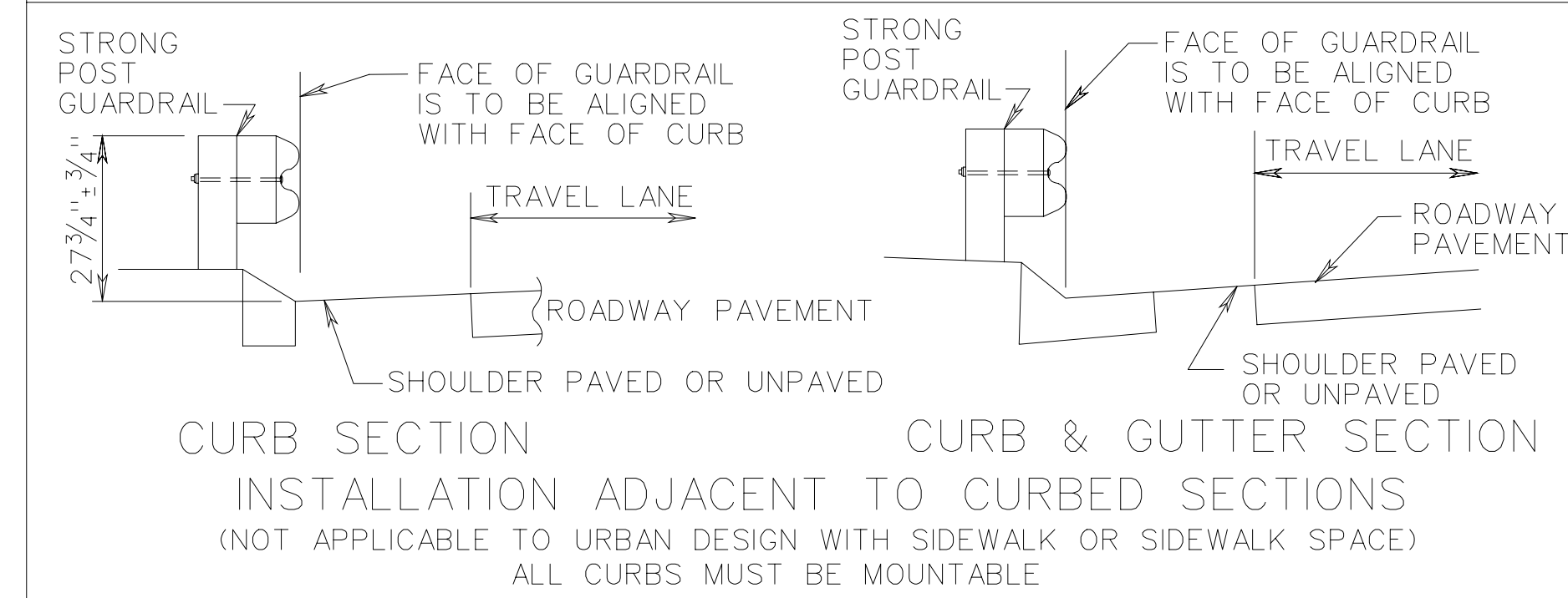
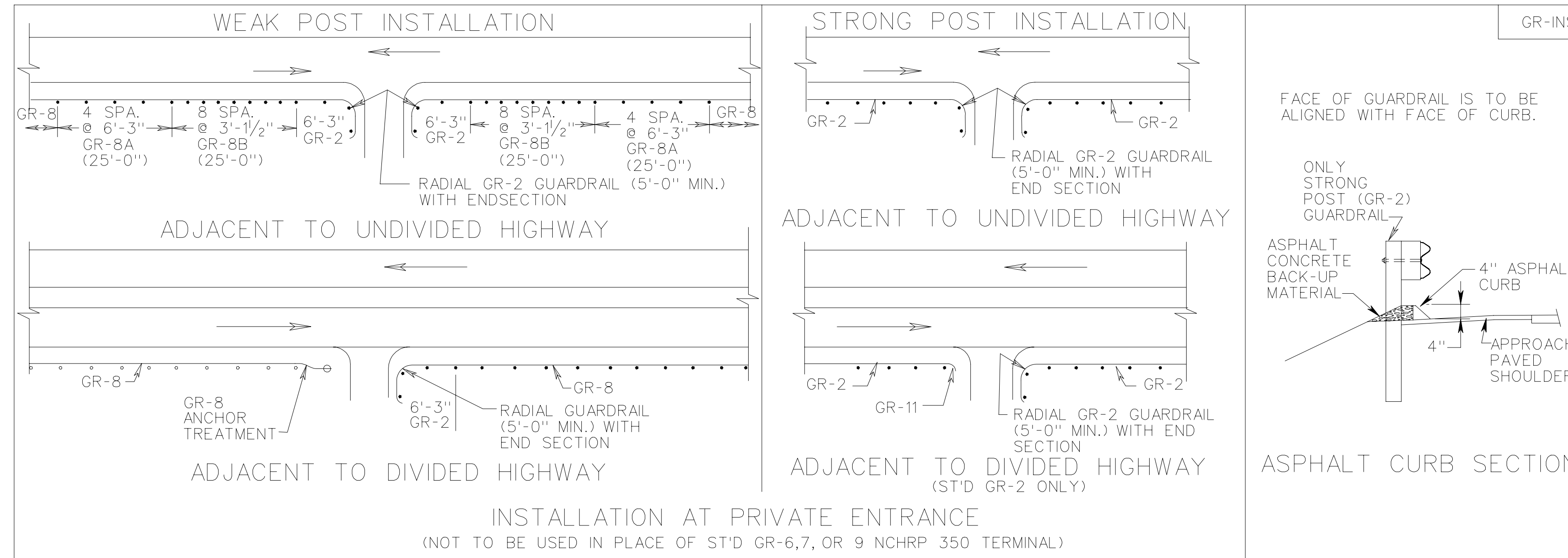


SURVEYED BY -----  
SUPERVISED BY -----  
DESIGNED BY -----

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	FEDERAL AID		STATE		SHEET NO.
		PROJECT	ROUTE	PROJECT		
	VA					



**TABLE I**  
 NORMAL GUARDRAIL LOCATION-THROUGH TRAFFIC LANES LEFT OF TRAFFIC

TOTAL SHOULDER WIDTH (S) (PAVED & GRADING)	PAVED SHOULDER WIDTH (P <sub>S</sub> )	OFFSET FROM EDGE OF PAVEMENT TO FACE OF GUARDRAIL (O)
17'	12'	14'
15'	3', 4', OR 10'	12'
13'	3'	10'
11'	3'	8'
8' (MED.)	3' or 4'	5'

**TABLE II**  
 NORMAL GUARDRAIL LOCATION-THROUGH TRAFFIC LANES RIGHT OF TRAFFIC

TOTAL SHOULDER WIDTH (S) (PAVED & GRADING)	PAVED SHOULDER WIDTH (P <sub>S</sub> )	OFFSET FROM EDGE OF PAVEMENT TO FACE OF GUARDRAIL (O)
17'	12'	14'
15'	6' or 10'	12'
13'	8'	10'
11'	0, 3', 4' or 6'	8'
9'	0, 3' or 4'	6'
8'	3'	5'
5'	0	2'

GUARDRAIL LOCATION ON RECOVERABLE SLOPE

SHEET 6 OF 8

SPECIFICATION REFERENCE

221  
505

**W BEAM GUARDRAIL INSTALLATION CRITERIA**

VIRGINIA DEPARTMENT OF TRANSPORTATION

REV. 9/06  
501.38

PLAN NO.	PROJECT	FILE NO.	SHEET NO.