

LOCATION OF GUARDRAIL WITH ASPHALT SHOULDER
 LOCATION OF GUARDRAIL WITH CONCRETE SHOULDER
STANDARD GUARDRAIL & SLOPE TREATMENT - TYPE A INSTALLATION

SLOPE REQUIREMENTS (MINIMUM)	
* a	PAVEMENT STRUCTURE SLOPE SAME AS FORESLOPE BUT NOT STEEPER THAN 2:1.
* b	4'-8" MIN. IN DIFFICULT TERRAIN.
* c	1'-0" MIN. FROM BACK OF POST TO FORESLOPE HINGE LINE IN DIFFICULT TERRAIN.
* d	BLOCKOUT TYPE, SEE STANDARD DETAILS
USE OF CURB	
* e	SEE NOTE NO. 5 (REFER TO STANDARD DETAILS)

NOTES

1. THE 6'-0" STANDARD POST DESIGN (TYPE A INSTALLATION) SHALL BE INSTALLED UNLESS THE 7'-4" POST ALTERNATE DESIGN (TYPE B INSTALLATION) IS SPECIFIED ON THE PLANS. TYPE B INSTALLATION SHALL ONLY BE USED WHEN ALL OTHER REMEDIES HAVE BEEN ELIMINATED BECAUSE OF ENVIRONMENTAL CONSIDERATIONS OR DIFFICULT ROADSIDE CONDITIONS. WHEN USED THE FOLLOWING CONDITIONS MUST BE MET:

- I. APPROVAL OF USE IN CONCEPT REVIEW PROCESS. THE BALLAST AND FORESLOPE SHALL BE 2:1 OR FLATTER BEGINNING AT THE BACK OF THE GUARDRAIL POST.
- II. THE SOIL FOUNDATION OF EACH POST SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD DENSITY.
- III. SURFACING SHALL CONTINUE BEHIND THE POST AND IF DISTURBED DURING INSTALLATION IT SHALL BE REPAIRED OR REPLACED.
- IV. ON ROADS SURFACED WITH A BST, A 0.2' MIN. THICKNESS OF ASPHALT SURFACING SHALL BE PLACED AROUND EACH POST AND A V. 2'-0" MINIMUM PLACED LONGITUDINALLY WITH GUARDRAIL.

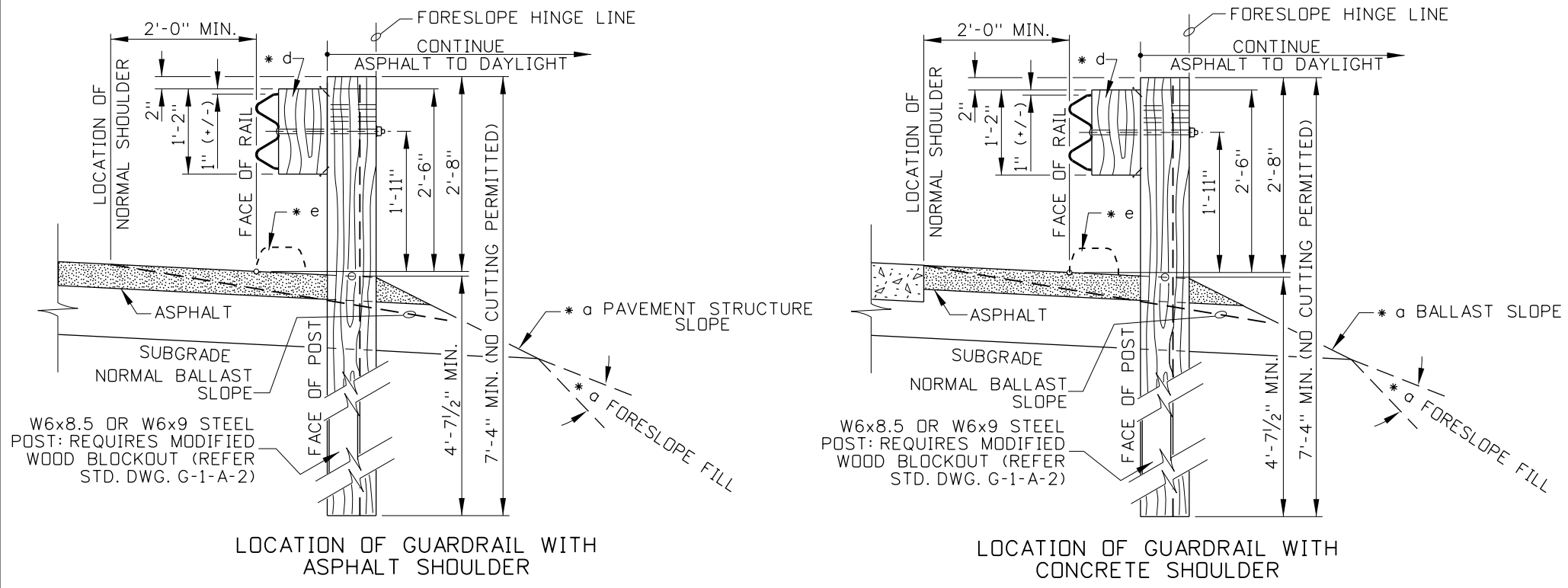
2. THE SLOPE OF THE SURFACE BETWEEN THE EDGE OF THE SHOULDER AND THE HINGE LINE SHOULD BE THE SAME AS THE ADJACENT ROADWAY SLOPE.

3. THE GUARDRAIL POSTS SHALL BE PLUMBED AND SET VERTICALLY. REFER TO SECTION 612 - GUARDRAIL, OF THE ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

4. GUARDRAIL POST SPACING SHALL BE 6'-3" C.T.C. UNLESS OTHERWISE SHOWN.

5. WHEN CURB IS CALLED FOR THE CURB FACE SHALL BE LOCATED ALONG THE FACE OF RAIL. REFER TO STANDARD DETAILS FOR CURB INSTALLATION DETAILS AND STANDARD DRAWINGS FOR CURB TYPES.

6. NOT TO SCALE.



LOCATION OF GUARDRAIL WITH ASPHALT SHOULDER
 LOCATION OF GUARDRAIL WITH CONCRETE SHOULDER
7'-4" POST ALTERNATE & SLOPE TREATMENTS - TYPE B INSTALLATION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	CADD FILE NAME g-1-0811.dgn
DETAILED	DRAWING DATE: MAY, 1989
DRAWING CHECKED	

IDAHO TRANSPORTATION DEPARTMENT

PROJECT NO. _____

STANDARD DETAIL G-1
GUARDRAIL SLOPE TREATMENT TYPES A & B

English
 COUNTY _____
 KEY NUMBER _____
 SHEET 1 OF 1

NOT APPROVED
 PRELIMINARY
 FOR CONSTRUCTION