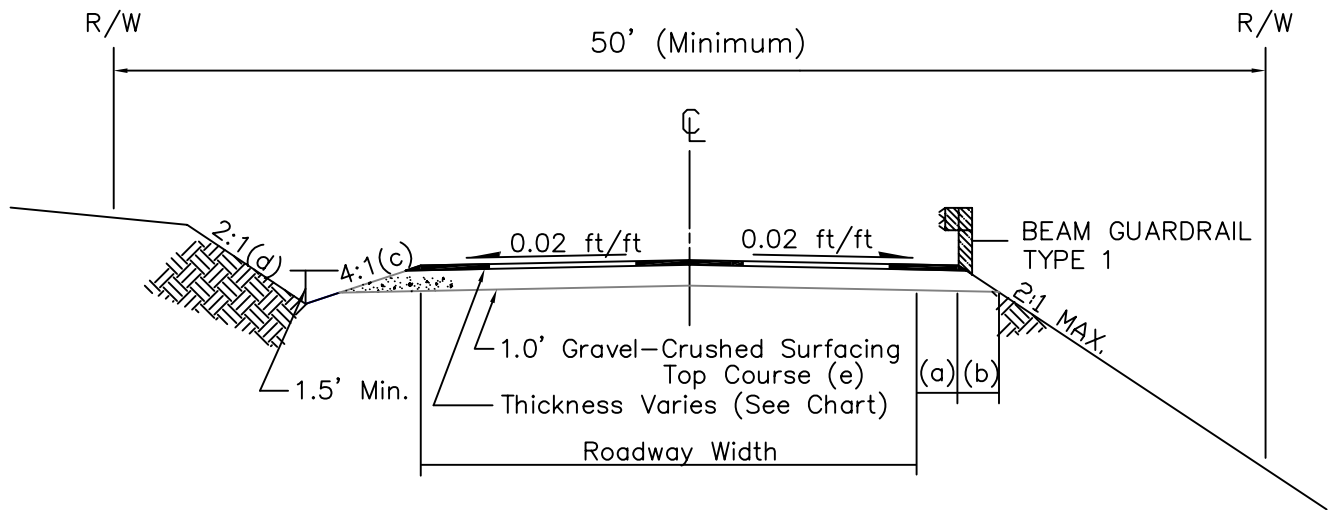


STEVENS COUNTY - DEPARTMENT OF PUBLIC WORKS

GEOMETRIC CROSS-SECTION/DESIGN STANDARDS – CONSTRUCTION OF PRIVATE ROADS FOR ACCEPTANCE INTO THE STEVENS COUNTY ROAD SYSTEM.



Average Daily Traffic Count	Paved Roadway Width	Shoulder Width	Surface Type	Surfacing Thickness
ADT over 1,000	32'	4'	ACP	3"
ADT under 1,000	28'	2'	ACP	2"

NOTES:

- a.) Provide 2' clearance from edge of usable shoulder to the face of guardrail.
- b.) Widening as required, or increase the length of post to provide lateral support for the guardrail.
- c.) Ditch slopes steeper than 4:1 must be approved by the County Engineer.
- d.) Ditch widening may be required on back slopes steeper than 2:1.
- e.) Minimum crushed surfacing thickness unless approved by the County Engineer.
- f.) All roadway designs shall be submitted to the County Engineer, a Civil Engineer licensed in the State of Washington. The design engineer is alerted that other design elements not incorporated into this minimum requirement should be addressed prior to submittal of plans and specifications.
- g.) Deviations from these standards may be allowed by the County Engineer based on an engineering analysis and justification of the proposed deviation.

Maximum Grade: New Construction: = 8% Reconstruction: = 12%

Design Year ADT	Minimum Design Speeds Terrain		
	Level	Rolling	Mountainous
Under 1,000	40	30	20
Over 1,000	50	40	30