



**ACCESS POINT GRADES AND APRON LENGTHS  
FOR ROADWAYS AND DRIVEWAYS**

**DESIGN VALUES**

ROADWAY CLASSIFICATION	APRON LENGTH (A)	GRADE CHANGE (D)	
		DESIRABLE	MAXIMUM
ARTERIAL	MIN. 20 FEET	4% OR LESS	5%
COLLECTOR	MIN. 15 FEET	5% OR LESS	6%
LOCAL ACCESS	MIN. 10 FEET	6% OR LESS	7%

**GENERAL NOTES**

1. PIVOT POINT SHALL BE AT THE EDGE OF SHOULDER
2. DESIRABLE WIDTHS SHOWN WILL BE THE REQUIREMENT, UNLESS THE APPLICANT DEMONSTRATES TO THE ENGINEER'S SATISFACTION THAT THEY CANNOT BE OBTAINED.
3. VERTICAL CURVES ARE NOT TO EXCEED A 3-1/4" HUMP OR A 2" DEPRESSION IN A 10 FOOT CHORD.
4. IN CASES OF FUTURE LAND WIDENING AND ADDITIONAL LANES, THE APRON LENGTH SHALL BE INCREASED TO ACCOMMODATE FUTURE WIDENING.

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SKAGIT COUNTY  
DEPARTMENT OF  
PUBLIC WORKS

REVISIONS	DATE

**ROADWAY  
STANDARDS**

**ACCESS POINT GRADES**

**FIGURE C - 4**

6/26/2000