

## Town of Kirkland

**Table 2**  
**Design Guidelines for Road Rehabilitation by Road Type**

<b>Type A</b>		<b>Type B</b>	<b>Type C</b>
<b>All Purpose Road</b>		<b>Area Service 2-Way 2-Lane Road</b>	<b>Area Service Single-Lane 2-Way Road</b>
Minimum width traveled way	18 feet <sup>1</sup>	16 feet <sup>1</sup>	10 feet <sup>2</sup>
Shoulder	2 feet	2 feet	
Opposing vehicle interactions	All vehicles pass with no speed reductions	1. Trucks cannot meet without reducing speed  2. Cars cannot meet trucks without reducing speed  3. Cars pass with almost normal speed	All vehicles require special widening for passing
Operating speed <sup>3</sup>	45 mph or greater	25 mph to 45 mph	40 mph or less
Typical surface material <sup>4</sup>	Asphaltic concrete ADT >150	Asphaltic concrete ADT >100	Usually unsurfaced
	Aggregate ADT <150	Aggregate ADT <100	
Surface condition	No adverse effect on operating speed	May cause reduction in operating speed	Reduced operating speed

**NOTES:**

- (1) Add two feet to the traveled way if significant truck traffic is present.
- (2) If farm vehicles are present, maintain twenty-foot horizontal clearance. Widening of traveled way should be provided at approximately one-thousand-foot intervals to allow vehicles to pass.
- (3) Applicable to normal maintenance roads.
- (4) ADT thresholds recommended based on the economic analysis, "Economic Evaluation of Pavement Design for Low Volume Roads," Proceedings of the Third International Low Volume Road Conference 1983, Cornell University.