

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DESIGN DIRECTIVE**

<p>DD-602 INTERCHANGE RAMP WIDTHS <i>August 1, 2003</i></p>

The pavement width for ramps is to be 16 feet for tangents and where radii is 200 feet or greater. In cases where the ramp is “two lane operations one way”, the minimum width of pavement shall be 30 feet allowing for two fifteen feet lanes and the minimum radii shall be 200 feet. Any radius less than 200 feet is undesirable and must be approved as a special case. In all cases, provisions are to be provided to allow for passing of stalled vehicle/trucks.

The right shoulder will be 8 feet to the face of guardrail or to the intersection of the slopes without guardrail. A 5 feet paved shoulder will be provided on the right in either case.

The left shoulder will be 4 feet to the face of guardrail or to the intersection of slopes without guardrail. A 3 feet paved shoulder will be provided on the left.

The full shoulders shall be carried onto ramp structures. The width of ramp structures will, therefore, be 28 feet measured between the intersections of the parapet wall and the deck. In cases of the ramp being “two lane operation – one way” the width of the ramp structure will be 42 feet between the intersection of the parapet wall and the deck. Ramp bridges with long spans (200 feet or greater) shall be considered special cases and the width for such structures is to be analyzed individually.