

Roadway Standards

Introduction

The following roadway standards were developed in conjunction with the Morrow County Public Works Department and follow the design standards set by the American Association of State Highway and Transportation Officials (AASHTO) and the Oregon Department of Transportation (ODOT). Enclosed are eight road standards that reflect the differing design and capacity needs within the County. Generally, roadways of a lower number represent a higher design standard.

Rural Arterial I

Rural Arterial II

Rural Collector I

Rural Collector II

Rural Collector III

Rural Access I

Rural Access II

Rural Gravel

Rural Arterial

Rural arterials are design for roadways where higher traffic volumes are common or along major truck corridors. This standard of road is characterized by long-wearing asphalt concrete pavement over a base of 10 to 18 inches of aggregate. Travel lanes for this standards are 12-feet wide and a minimum of 3 feet of shoulder is provided on each side of the roadway.

Rural Collector

Rural collectors represent a second-level standard for road construction. Like rural arterials, rural collectors are paved using two to three inches of asphalt concrete, but provide only eight to nine inches of base aggregate. Travel lanes are still 12-feet wide, but shoulders can be narrow as one foot.

Rural Access

Rural access roads are lighter duty roads designed mainly for lower travel volumes and fewer truck trips. Rural Access I roads still use asphalt concrete paving, whereas Rural Access II roads are designed to be unpaved gravel roadways. Base aggregate is only eight inches for this road standard. Travel lanes are specified at nine feet with one-foot shoulders on each side.

Rural Gravel

Gravel roads serve a wide range of needs in Morrow County, and there are gravel roads that serve as higher-classification facilities. The Rural Gravel classification provides a range of cross-sections to accommodate varying needs.