

ROADWAY DESIGN & IMPROVEMENT EXPERIENCE

ROADWAY REHABILITATION PROJECTS

JWM&A has completed projects involving the approval of the local municipalities, or the Washington State Department of Transportation approvals since our inception. We are extremely familiar with the current "APWA/WSDOT—Standard Specifications for Road, Bridge and Municipal Construction", and the various related design standards. Individual experience of our project engineers reaches back to the late 1960's and included numerous "Urban Arterial Board" projects, which evolved into the Transportation Improvement Board (TIB). The following is a partial list of recent roadway projects successfully completed by JWM&A:

<u>CLIENT * PROJECT * COST</u>	<u>IMPROVEMENT TYPE</u>
Town of Bucoda (T.I.B.) Tono Rd. Landslide Remediation \$466,000	Landslide evaluation and remediation improvements including reconstruction of 375 LF of roadway with geogrid and rock soil reinforcing strips.
<i>City of Bonney Lake</i> Bonney Lake Blvd. Reconstruction/Sidewalks/Watermain \$875,000+	Reconstruction of 2,400 LF of existing roadway including the addition of curbs and sidewalks, watermain replacement.
Town of Eatonville (T.I.B.) Rainier Ave. \$190,000+	T.I.B. Small city sidewalk program including curb, gutter and sidewalks, ADA improvements.
Town of Eatonville (CDBG) Washington Ave. and Madison Ave \$250,000+	Community Development Block Grant funded sidewalks/ADA access improvements with design of adjacent roadway, stormwater and street lighting improvements.
City of McCleary (FhWA/TIB) Simpson Ave. \$210,000+	Small city sidewalk program (North side) plus sidewalk maintenance project (South side) pedestrian /ADA improvements.
City of Fircrest Ramsdell Street Roadway Reconstruction/Sanitary \$600,000	Roadway reconstruction including water and sewer system improvement, curb and gutter, driveway approaches, ramps, and sidewalks.
City of Fircrest Orchard Street Roadway Rehabilitation Project \$250,000	Roadway rehabilitation project including grinding of existing pavement and overlay of pavement along with replacement of existing catch basins.
City of Fircrest Contra Costa Roadway Reconstruction \$350,000	Roadway reconstruction including geo grid reinforcement, curb and gutter, and sidewalk replacement

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<p><i>City of Fircrest</i> <i>Princeton Street Roadway</i> <i>Reconstruction/Sanitary</i> \$720,000</p>	<p>Roadway reconstruction including water and sewer system improvement, curb and gutter, and sidewalk replacement</p>
<p><i>City of Fircrest</i> <i>Regents Blvd. Roadway Rehabilitation</i> \$210,000</p>	<p>Roadway rehabilitation project including grinding of existing pavement and overlay with paving fabric</p>
<p>Washington State Patrol Driving Course Paving \$500,000</p>	<p>Major rehabilitation of the state patrol driving course which involved specialized asphalt mix design. Due to the excellent bids received, two additive bid items were awarded allowing for the addition of a 64 space parking lot and storm drainage improvements.</p>
<p><i>City of Castle Rock (TIB/TEA #21)</i> <i>Huntington Ave. S</i> \$1,150,000</p>	<p>1800 LF of roadway reconstruction including pedestrian amenities, an emphasized school crossing, storm drainage, sanitary sewers and water.</p>
<p><i>City of Shelton (TIB/TEA #21)</i> <i>Downtown Access Ramps</i> \$450,000</p>	<p>Sidewalk and Handicap access ramps involving 18 intersections in downtown Shelton.</p>
<p><i>City of Lacey (TIB)</i> <i>College St. - Martin Way To Sixth Ave. N.E.</i> \$425,000</p>	<p>Roadway rehabilitation including widening, pedestrian amenities, channelization, storm drainage, street lighting, signalization, etc.</p>
<p><i>City of Shelton (LID #42)</i> <i>Railroad Avenue Rehabilitation Project</i> \$800,000</p>	<p>Major roadway rehabilitation project in an eight block area of downtown Shelton. Includes pedestrian amenities including new sidewalks with “bump - outs” at intersections, street trees, storm drainage, and asphalt overlay.</p>
<p><i>City of Shelton (TIB/LID #41)</i> <i>North 13th Street ETAL</i> \$2,500,000</p>	<p>Major street improvement project including approximately 1.3 miles of roadway reconstruction with storm drainage, sanitary sewer, water system, signalization, etc.</p>

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<p><i>City of Castle Rock</i> <i>First Street ETAL (4 BLOCKS)</i> \$150,000</p>	<p>Roadway rehabilitation including widening, curbs & gutters, sidewalks, storm drainage, pedestrian amenities.</p>
<p><i>City of Castle Rock (TIB)</i> <i>“A” Street - Huntington to Cowlitz River Bridge</i> \$400,000</p>	<p>Street rehabilitation and widening including pedestrian amenities, storm drainage, signalization modifications, etc.</p>
<p><i>City of Shelton (TIB)</i> <i>Shelton Springs Rd./Wallace Blvd. Phase 1&Phase 2</i> Phase 1 \$900,000 Phase 2 \$750,000</p>	<p>Phase 1 - Roadway rehabilitation including pedestrian amenities, storm drainage, channelization, etc. Phase 2 - Roadway improvements over new alignment, including pedestrian amenities, storm drainage, water, sewer systems, etc.</p>
<p><i>City of Shelton (TIB/LID)</i> <i>Olympic Highway North - “C” St. to Highway 101</i> \$1,200,000</p>	<p>Street roadway rehabilitation and widening, including pedestrian amenities, channelization, storm drainage, signalization, etc.</p>