

NBMC 19.05.020(I) shall be amended as follows:

I. Residential Local Streets – Low-Impact Design, Integrating Stormwater within the Rights-of-Way.

Right-of-Way	<p>59 foot minimum and larger as needed to accommodate LID features. The purpose for the flexible right-of-way width is to accommodate the necessary biochannel width needed to properly handle the stormwater treatment and infiltration function of the channels.</p> <table border="1"> <tr> <td>SW</td> <td>Planter Strip</td> <td>Parking Lane</td> <td>Lane</td> <td>Lane</td> <td>Parking Lane</td> <td>Biochannel</td> <td>SW</td> </tr> <tr> <td>5'</td> <td>5'</td> <td>7.5'</td> <td>9'</td> <td>9'</td> <td>7.5'</td> <td>As necessary (11' min)</td> <td>5'</td> </tr> </table>	SW	Planter Strip	Parking Lane	Lane	Lane	Parking Lane	Biochannel	SW	5'	5'	7.5'	9'	9'	7.5'	As necessary (11' min)	5'
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Paved Roadway and Parking (curb face to curb face)	33 feet, accommodating parking on both sides of roadway, travel lanes and one-foot concrete gutters per adopted city specs.																
Right-of-Way	Pedestrian crossing bulb outs at intersections, alleys and woonerfs to provide safety for the pedestrian crossing.																
Bio-channel Areas/Rain Garden/Planter Strip	<p>Biochannel shall be utilized on one or both sides of roadway, and placed between sidewalk and roadway. Biochannels shall be sized as necessary to accommodate the required stormwater treatment functions. Minimum width of a biochannel shall be no less than 11 feet wide. Side slopes shall not exceed a 3:1 slope and the channel bottom shall be no less than 18 inches.</p> <p>A five-foot minimum planter strip, placed between the sidewalk and roadway, may be utilized on one side of the roadway. The planter strip feature does not provide stormwater function.</p> <p>The LID bio-channel or rain garden approach uses natural means to store, process, and filter and purify the stormwater (from driveways, sidewalks and roadways) before infiltrating it into the ground water table below. This system recreates the natural hydrological cycle of predevelopment water, allowing the water to infiltrate near to the source of contact.</p> <p>Such LID features shall be located between the roadway and sidewalk, but may be placed behind the sidewalk in order to retain a significant tree or other critical area. The feature shall be shallow landscaped depression and meet the minimum requirements of NBMC 19.05.010(V).</p>																
Roadway Sub-Grade	Prepared per Section 2-06 of WSDOT Standard Specifications.																
Ballast	Based on engineering and geotechnical recommendations, six-inch minimum.																
Crushed Surfacing Base Course	Based on engineering and geotechnical recommendations, four-inch minimum. As an alternative the four inches of CSBC and two inches of CSTC combined can be replaced with four inches of ATB.																

Crushed Surfacing Top Course	Based on engineering and geotechnical recommendations, two-inch minimum. As an alternative the four inches of CSBC and two inches of CSTC combined can be replaced with four inches of ATB.
Paving Course	Based on engineering and geotechnical recommendations, three-inch HMA minimum.
Cement Concrete Traffic Curb and Gutter	Per North Bend Standard Plans 1 and 1a, except as when best available low-impact development techniques used as approved by city.
Sidewalk and ADA Ramps	Five-foot minimum width. Per North Bend Standard Plan 2 for Sidewalks and North Bend Standard Plans 3, 4, 5, 6, 7, and 8 for ADA ramps. Sidewalk shall meander with the contour of the bio-channel/rain garden.
Driveway and Alley Returns	Per North Bend Standard Plans 9 and 9a.
Curb Radii	25 feet.
Cul-de-sac	Cul-de-sacs will be allowed only when there are physical constraints, such as wetlands or excessive natural grade, or to efficiently serve difficult-to-access areas due to natural constraints. Cul-de-sacs for residential local streets shall be 450 feet maximum in length, and constructed with a 40-foot bulb radius. Bulbs shall not exceed a six-percent transverse grade. All other requirements shall be in accordance with the applicable standards.