Urban Design Alternatives

Medians
and
Roadsides

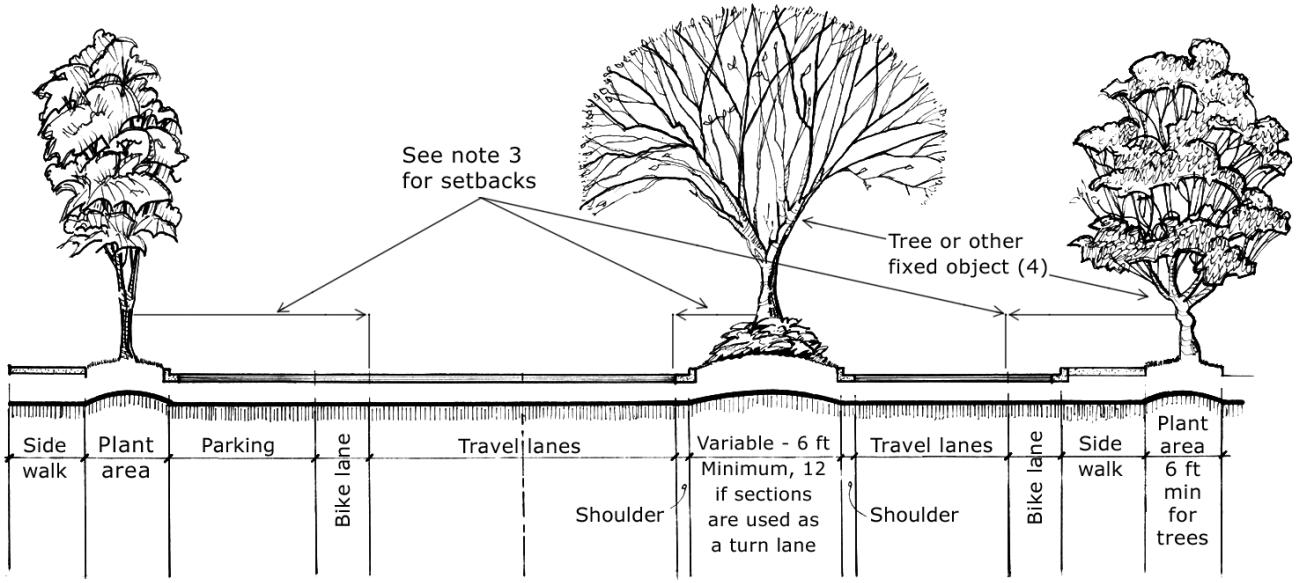
The cross sections depicted in this brochure are examples of design elements that may be incorporated for urban arterial roadways within the operating speeds shown.

They are consistent with current WSDOT and AASHTO design standards.

These concepts can be used for discussion purposes with local communities if trees or other fixed objects are desired on a state urban arterial project.

Other configurations may be appropriate depending on roadway geometrics operating speeds and other variables.

See urban street variables published by WSDOT for further information on selection and requirements of trees.



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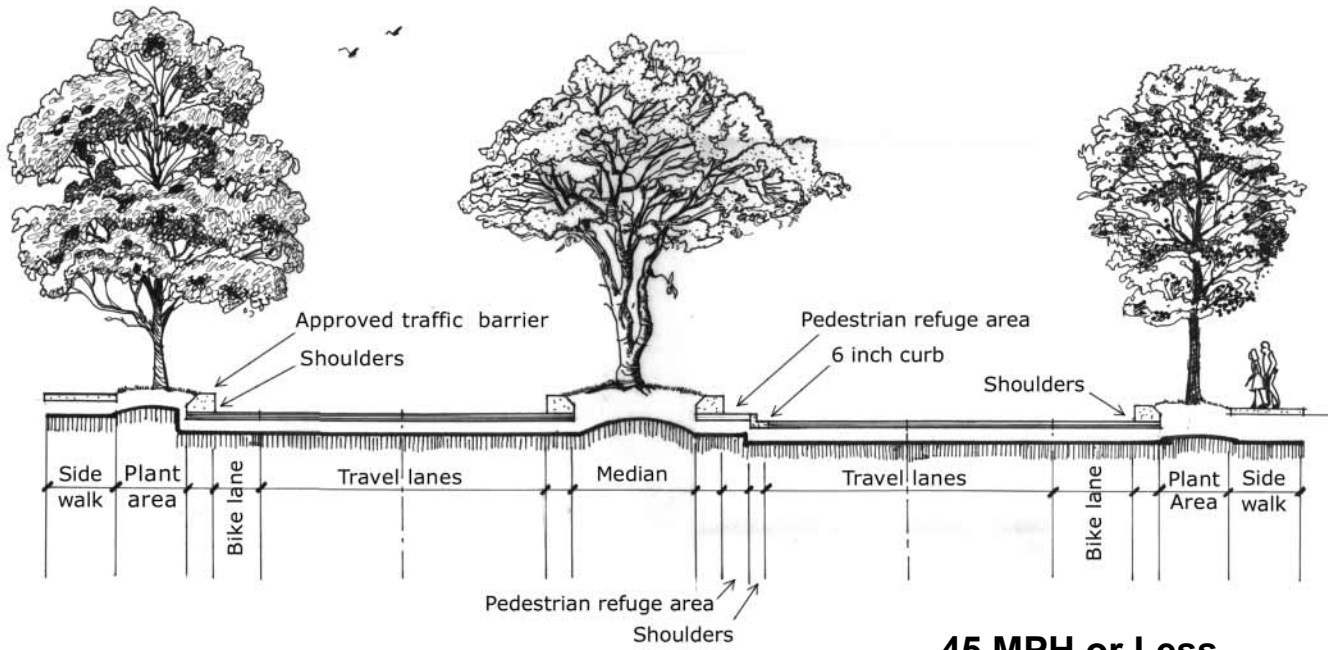

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http://www.wsdot.wa.gov/eesc/cae/design/roadside/

References:

Washington State Department of Transportation, Design Manual Publication #M22-01

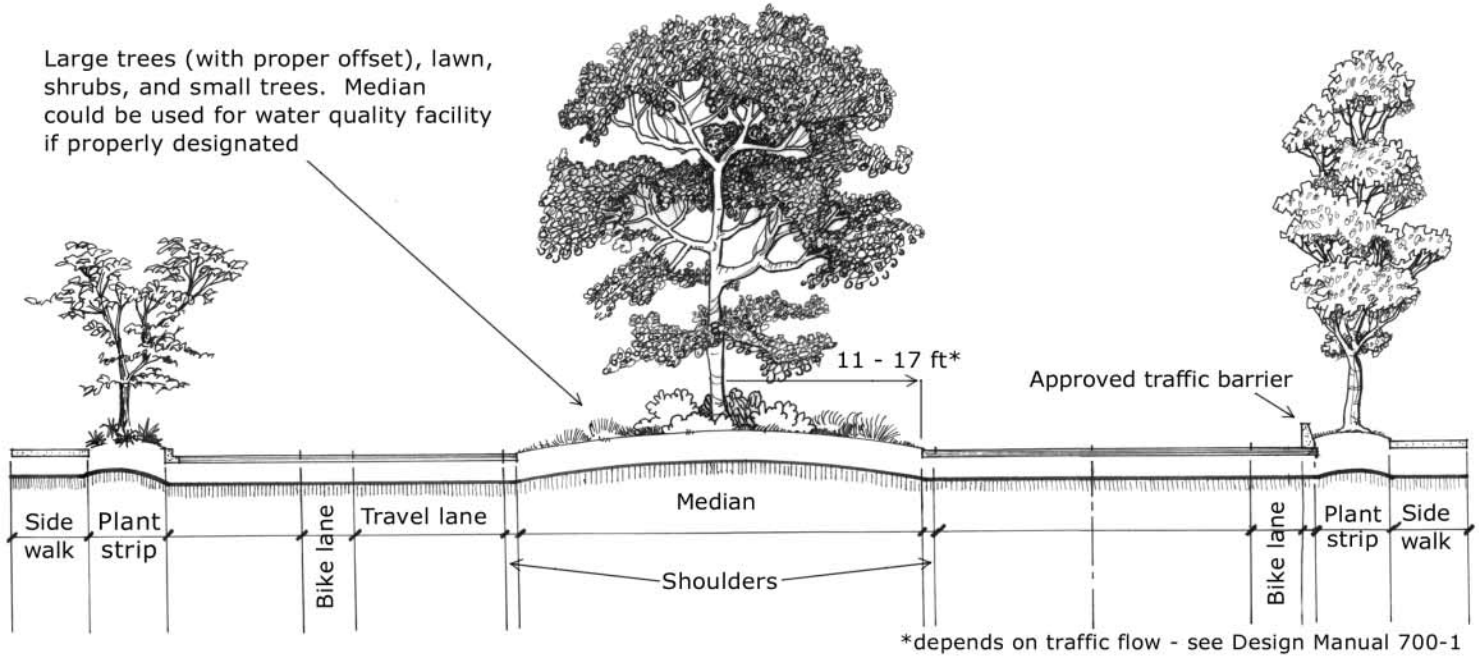
Notes:

1. Setback depends on volume of traffic. See Design Manual Fig. 7001

2. Approved traffic barrier that meets NCHRP Report 350 crash test criteria.

3. 10 feet or as established by the project or corridor analysis.

4. Fixed objects may include street lights, bus shelters, utility poles, business signs or other objects as defined in Chapter 700 of the Design Manual.



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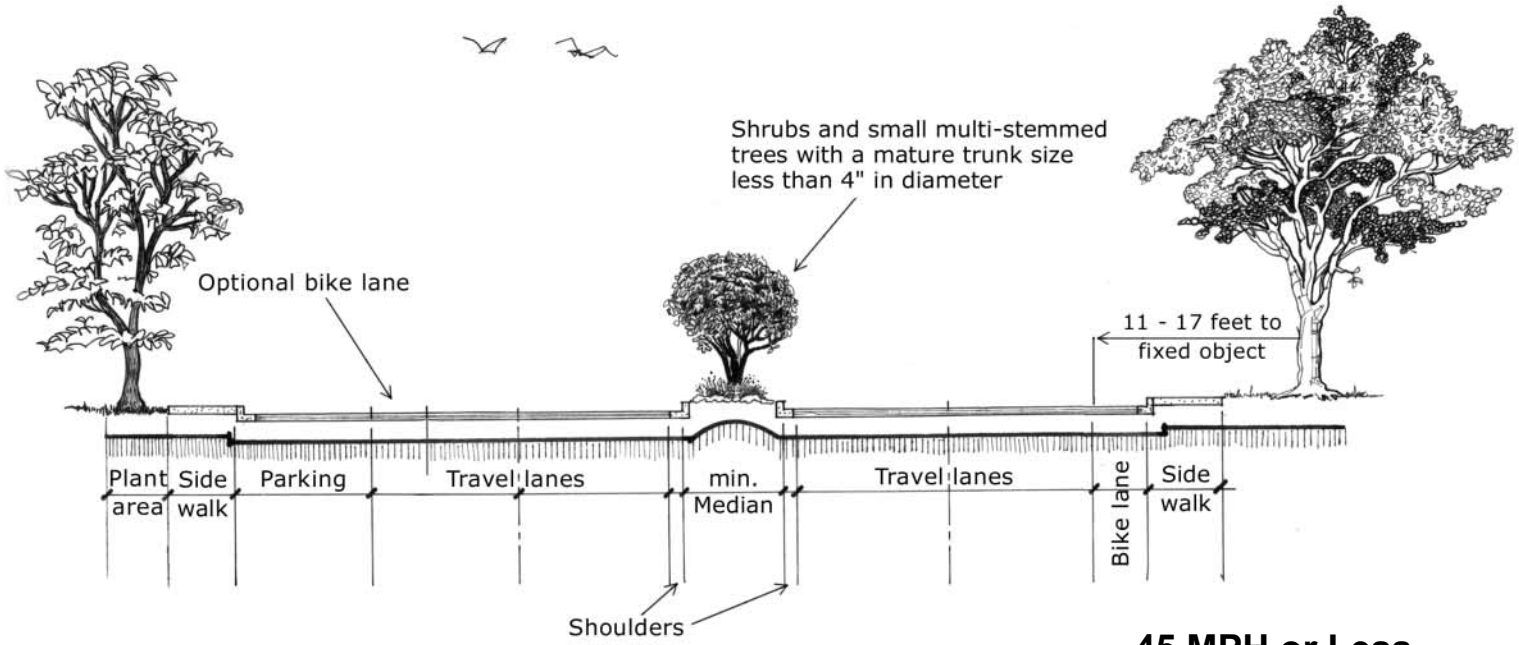

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