

Land Use and Environment Committee Briefing

Street Tree Maintenance Manual

December 21, 2017

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Project Support

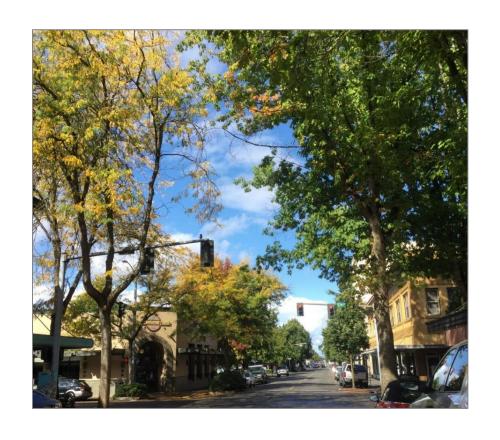
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Agenda

- Urban Forest Strategic
 Plan
- Street Tree Maintenance Manual
 - Process
 - Scope
 - Asset Management
 - Outcomes
- Levels of Service
- Next Steps



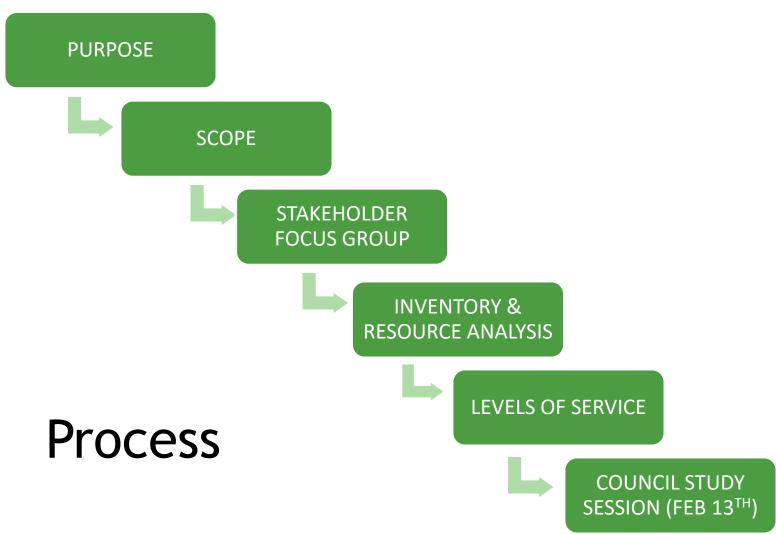


2015 Urban Forestry Strategic Plan

- ✓ Created Urban Forestry Policy Team (2015)
- ✓ Created a Technical Advisory Group (2015)
- ✓ Street Tree Inventory Grant (2015)
- Street Tree Maintenance Manual (2017)

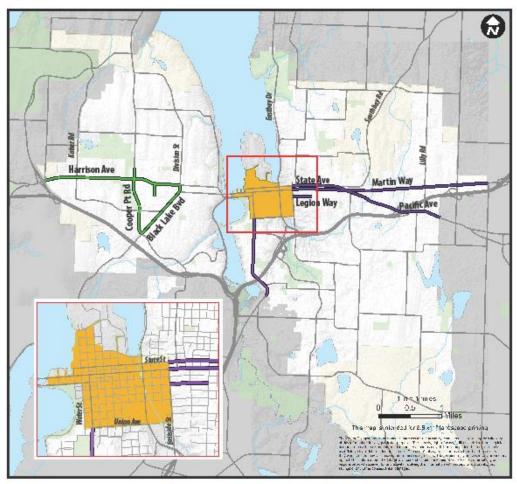


Street Tree Maintenance Manual



Olympid

City Maintained Street Trees



City Maintained Street Trees

The City of Olympia only maintains street trees in the areas noted on the above map. All other streets trees are the adjacent property owners responsibility.

Eastside Streets

- 4th Ave
- Capitol Way
- Legion WayMartin Way
- Pacific Ave
- State Ave

Westside Streets

- Black Lake Blvd
- Cooper Pt
 Harrison Ave
- Kerryon St

Downtown Streets

Downtown
 Olympia, see inset
 map

Thurston County UGA

Olympia



Street Tree Maintenance Manual

Asset Management

- Protect public safety and infrastructure
- Manage a financially sustainable program; optimize resources
- Prune and maintain trees to protect their health, safety, value



Street Tree Maintenance Manual

<u>Outcomes</u>

- Outlines a proactive, coordinated approach
- Uses industry best management practices
- Includes protocol for maintaining & updating inventory
- Improves interdepartmental coordination for day-to-day issues
- Create data-driven process to support annual operating budgets

Olympia

Levels of Service

- Exceeds industry standards
 - Minimal dead wood, structural defects, infrastructure conflicts
 - Liabilities proactively managed

B

- Meets industry standards
- Some dead wood, structural defects, infrastructure conflicts
- Liabilities proactively managed

DESIRED

- C
- Below industry standards
- Majority of trees have defects and infrastructure conflicts
- Liabilities not proactively managed

- Ď
- Minimal maintenance
- Substantial defects and infrastructure conflicts
- Liabilities not proactively managed

CURRENT

F

• Reactive (less than 500 hours per year)

HISTORIC



Levels of Service

Current Level of Service









Examples

Current Level of Service









Examples

Desired Level of Service







Levels of Service

Current Level of Service

- \$174,000 annual cost
- Far below basic industry standards
- Will not maintain tree health, safety or value
- Liabilities not proactively managed

<u>Desired Level of Service</u>

- \$135,400 more than "Current"
- Meets industry standards
- Dedicated crew makes work safe and efficient
- Maximizes return on investment
- Manages tree health, safety, and value
- Reduces liability



Next Steps

Operations

- Implement Current Level of Service
- Track labor to work order software and create work specific task codes
- Continue to perform condition assessments using Data Collector App
- Implement the plan (coordination with PW)



Next Steps

Policy Team

- Council Study Session (Feb 13)
 - Funding
 - Urban Forest Management
 Plan

