



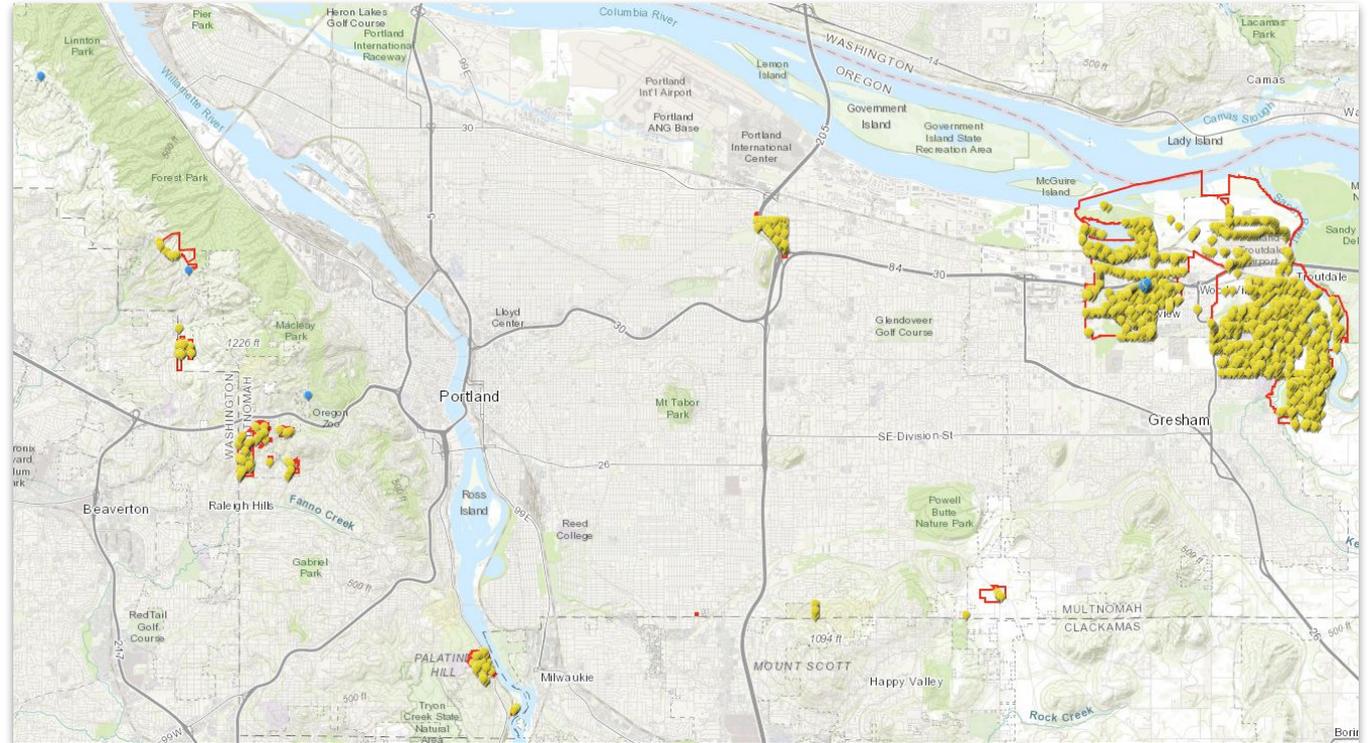
Mid-County Street Lighting District

Chet Hagen
BPCAC
4/10/2024

Multnomah County -
DCS Asset Management

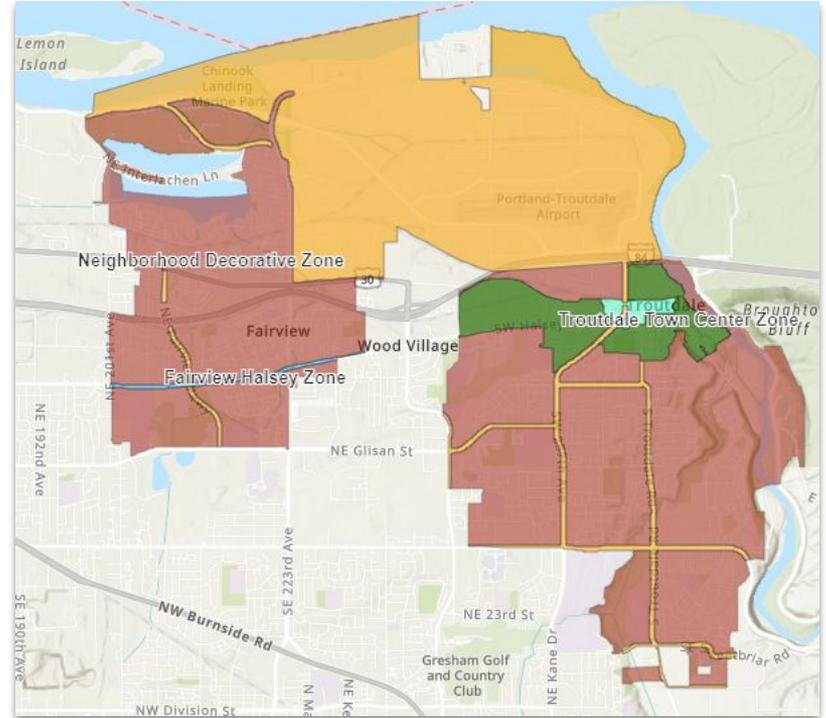
Service Area

- Troutdale
- Fairview
- Maywood Park
- Unincorporated



Stats & Governance

- MultCo Board is our Board
 - \$1.5M Budget, separate from County Budget
- Service District under Chapter 451 in ORS
- 2812 LED Street Lights
 - ~500 decorative
- 0 Full time staff
- All maintenance is contracted out

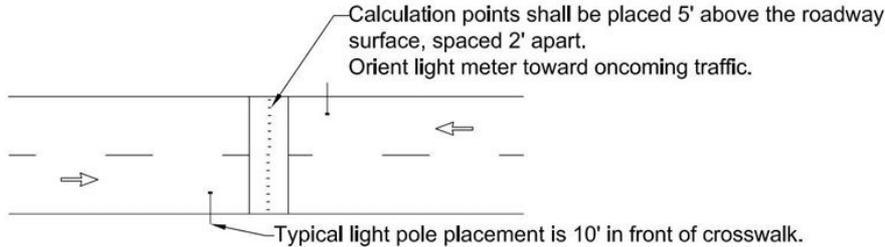


Governance cont.

- Administrative Rules
- Standard Details
- Lighting Level Review & Design Standards

Functional Class	Minimum Average Illuminance	Uniformity (Average to Minimum Ratio)
Arterial/Arterial	1.7 – 3.2 Fc	3.0:1
Arterial/Collector	1.4 – 2.7 Fc	3.0:1
Arterial/Local	1.2 – 2.4 Fc	3.0:1
Collector/Collector	1.1 – 2.2 Fc	4.0:1
Collector/Local	0.9 – 2.0 Fc	4.0:1
Local/Local	0.7 – 1.7 Fc	6.0:1

1. Reference Oregon Department of Transportation, Traffic Lighting Design Manual.



Functional Class	Minimum Average Illuminance	Uniformity (Average to Minimum Ratio)
Arterial	0.8 – 1.5 Fc	3.0:1
Collector	0.6 – 1.2 Fc	4.0:1
Local	0.4 – 0.8 Fc	6.0:1

1. Reference Oregon Department of Transportation, Traffic Lighting Design Manual.



Operations and Maintenance

- SeeClickFix to report outages and damage
- Inventory Warehouse
- Electrical Service Contractors

A screenshot of a SeeClickFix request form. The request ID is 9186, titled 'Streetlight Damaged'. The reporter is Chet Hagen. The priority is Medium, and the total cost is \$3,574. The address is 2180 NE Interlachen Ln, Fairview. The entry date is 2/20/2024. The status is Open, with 0 completed tasks and 0% progress. A sidebar on the left shows various filters like Map, Location, Request Setup, etc. Below the form is a satellite map of the location.

A screenshot of a SeeClickFix map view for Multnomah County, OR. The map shows several 'Streetlight Out' requests marked with green dots. One request is highlighted with a white box, showing details for a request at 293 Se 2nd St, Troutdale, OR 97060, USA. The request is acknowledged and dated 2/17/24 10:12:40 AM. A photo of a streetlight fixture is shown below the details. Another request is visible at 966 Se Harlow Ct, Troutdale, OR 97060, USA, also acknowledged and dated 2/16/24 2:42:39 PM. The map includes street names like NE 21st Ave and NW 12th St.



Capital Projects

1. Development
2. Partner with County/Cities
3. District Funded



Signal Improvements

The County will install ADA-compliant accessible pedestrian signal push-buttons and upgraded pedestrian signal equipment.

Accessibility Improvements

The project will upgrade all sidewalk corners with Americans with Disabilities Act (ADA)-compliant curb ramps.

Lighting

Street lights will be replaced to improve visibility at night along S.W. 257th Dr. for all users.

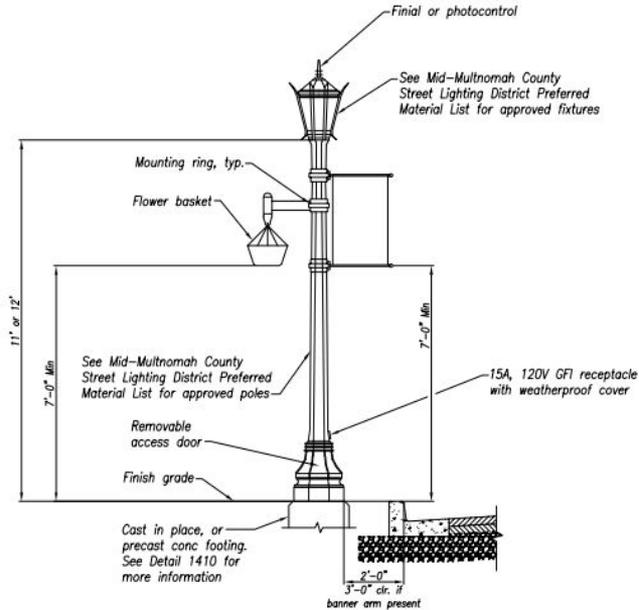


Miscellaneous

- 2 Power Utilities (PGE & Pacificorp)
 - Option C Municipal System
- Funded by Assessment on Property Taxes
- 18 Light Fixture Models
 - 5 Unique styles



Questions?



TROUTDALE HISTORIC DOWNTOWN POLE – DETAIL
SCALE: 1/4"=7'-0"

