



# Operations Division

RROMAC BRIEFING

TODD WATKINS, PE  
DIVISION MANAGER

11/12/2020

Land Use & Transportation

[co.washington.or.us](http://co.washington.or.us)



# 2020-2021 Winter Forecast

- **Temperatures**  
Likely below average, especially in late winter
- **Precipitation**  
Likely above average October through March
- **Flooding**  
Higher likelihood than usual
- **Low-elevation Snow**  
Likely to have some

Source: National Weather Service, Portland, Oregon



# 2020 Recap – Contracted Work

- **Surface Stabilization:** Applied EarthBind product to 38 miles of gravel road.
- **West Union Shoulder Widening:** Designed and bid project to widen shoulders on West Union Rd between Cornelius Pass Rd and Helvetia Rd.
- **Bridge Deck Maintenance Contract:** Preserved bridge decks on 15 different structures.
- **Landscape Contract**
  - Maintained landscaping on 15 different sections of urban roadway.
- **Hydroseed Contract:** Applied hydroseed to 6 acres of roadside to stabilize exposed soil.
- **Culvert Replacements:** 1) 103<sup>rd</sup> Ave, 2) 112<sup>th</sup> Ave, 3) Dober Rd and 4) Patton Valley Rd.



# 2020 Recap – Contracted Work (Cont.)

- **Flatwork Contract:** Reconstructed 854 Sq Ft of sidewalk along Oleson Rd.
- **Road Fund Overlay Contract:** Paved 15 miles of roadway, mainly in rural areas.
- **URMD Slurry Seal Contract:** 317,000 Square yards of slurry seal constructed.
- **Pavement Repair Contract:** 92,000 Sq Ft of Pavement Repairs on major urban roadways.
- **Pavement Marking Contract:** Restriped and placed buttons on several miles of roadway.
- **Shoulder Spray Contract:** Applied herbicide to 832 miles of road shoulder.



# 2020 Recap – Force Account Work

## Overall

- **19-20 Winter:** Relatively milde
- **Mag. Chloride (Anti-ice):** ~9500 gallons (about half of a “normal” winter).
- **Sanding rock (traction control):** 220 tons (“Average” winters: 1000 to 2500 tons)
- **Summer Wind Storm:** Severely hampered us for better part of 2 weeks.
- **Staffing challenges:** CV-19

## Vegetation

- Long growing season with a wet spring + COVID – 19
- Late start to 1) roadside mowing, 2) brush cutting, and 3) landscape mowing
- Compounded by late start for the contracted shoulder spray program
- Assorted equipment issues
- Fire dangers shut down equipment during high danger fire season.



# 2020 Recap – Force Account Work (cont)

## Bridge

- 205th Bridge (Urban) 1327
- Pongratz Road Bridge 1377 (one lane)
- Critical Component Repair/Replacement During In-Water Window:
  - Evers Road
  - Reiling Road
  - Greenville Road
  - Padgett Road
  - Ueble Road
  - B Street



# 2020 Recap – Force Account Work (cont)

## Community Service Work Program

- Major hit to the accomplished work due to COVID – 19 restrictions. No CSW's, then limited to 6 workers max. Also, no weekend work until now
- More homeless camps than ever before.
- Coordinating with METRO, cities and WCSO to team up together for clean-up efforts.
- More trash
- More graffiti
- 60% done with work program
- Partially staffed through the year



# 2020 Recap – Force Account Work (cont)

## Traffic Maintenance

- Standard Night Road Log work
- Backlogged on signs currently
- Striping approximately 70% complete for this fiscal year
- RPM (Raised Pavement Markers) approximately 95% complete for this fiscal year
- Staffing Issues
  - No seasonal employees employed (usually have 4)
  - Lost 1 FTE to COVID – 19 restrictions
  - Normally have 4 full time employees and 4 seasonal (1/2 time) employees. Currently working with 3 FTE's and 0 seasonal employees.
- Held off on some school stencils due to COVID
- RR Stencils about 50%





# 2020 Recap – Force Account Work (cont)

## Surface

- Shoulder rocking – Average to above average
- Grading and rocking gravel roads – Average to above average. We ended short last year, but we are
- Significantly more surface stabilization needed than in years past to accommodate the contracted surface stabilization program (36.95 miles). Increased mileage by 10x over several years past (3.685 miles).
- Chip Seal: 9 days 13.3 miles Fog sealed for 2 days
- Paving 100% complete
- Sweeping Program (both power broom and vacuum sweeping) Up to date. COVID hiatus is caught up
- Relatively low number of pot hole patching (due to the mild winter weather) 176 service requests complete
- Crack sealing of approximately 43,000 l.f. (42, 986)



# 2020 Recap – Force Account Work (cont)

## Drainage

- Pavement Excavation and Repairs (now, pavement “grinding”)
- Dump sites – Always challenging
- Culvert installations (cross tile replacements) 29 either complete, or scheduled to complete soon (approx. 950 lineal feet)
- Ditch maintenance – approx. 124 miles of centerline road ditching scheduled for completion during the current fiscal year.
- Gearing up for the anticipated “hard winter” season.



# Looking Ahead to 2021\*

## *Contracts*

- *Buxton Lookout Road Reconstruction*
- *Pongratz Road Reconstruction*
- *Water Quality Facility Contract*
- *Monument Box Install Contract*
- *Road Fund Paving Contract*
- *Culvert Replacement Contract*
- *Surface Stabilization*
- *West Union Shoulder Widening*
- *Hydroseed Contract*
- *Flatwork Contract*
- *Pavement Repair Contract*
- *Pavement Marking Contract*
- *Shoulder Spray Contract*

\*Pending Budget and Road Maintenance Program Approval



# Looking Ahead to 2021\*

## *Challenges*

*Revenue*

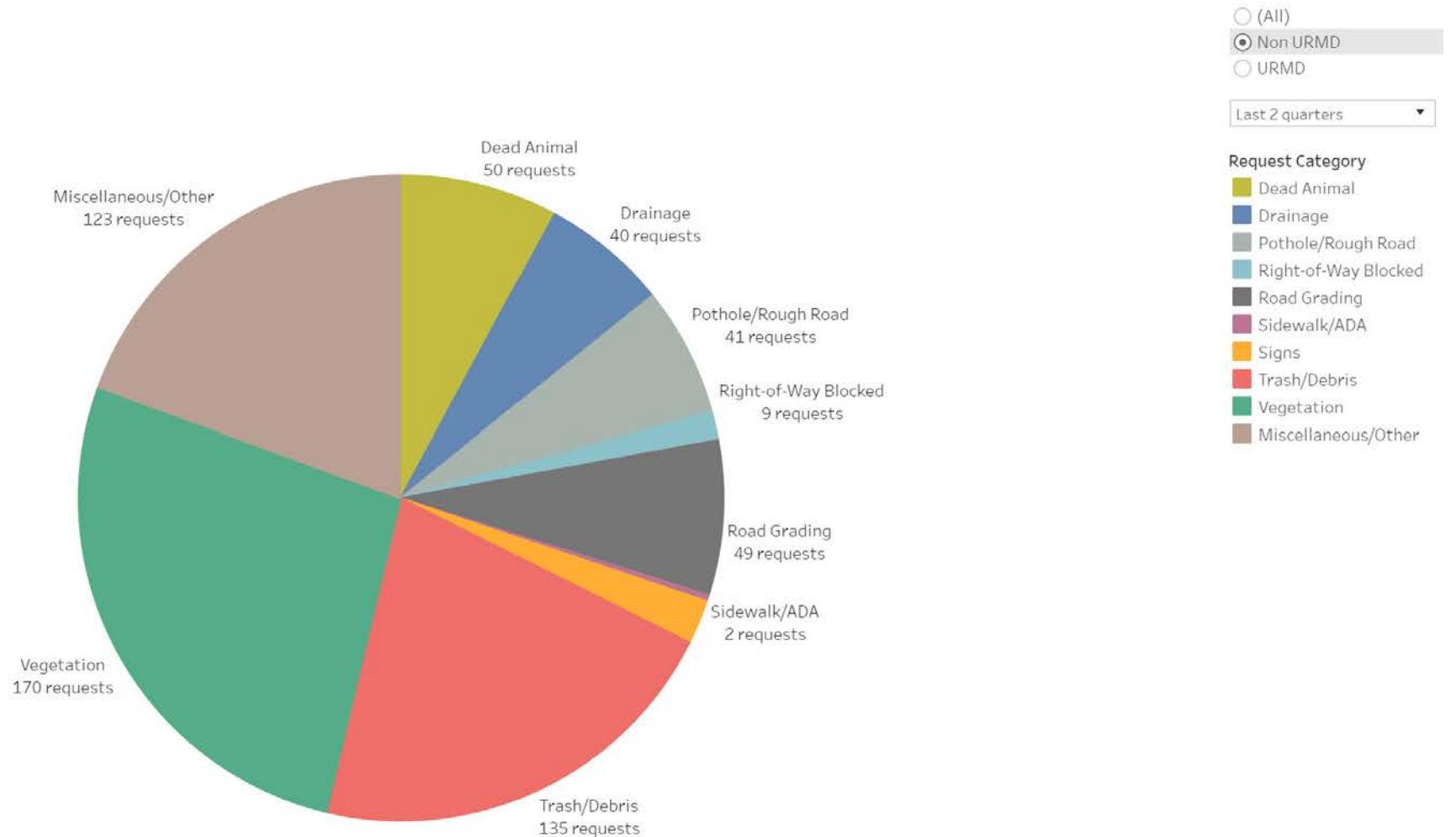
*COVID-19*

*Staffing*



# Service Requests (Non-URMD) - FYTD

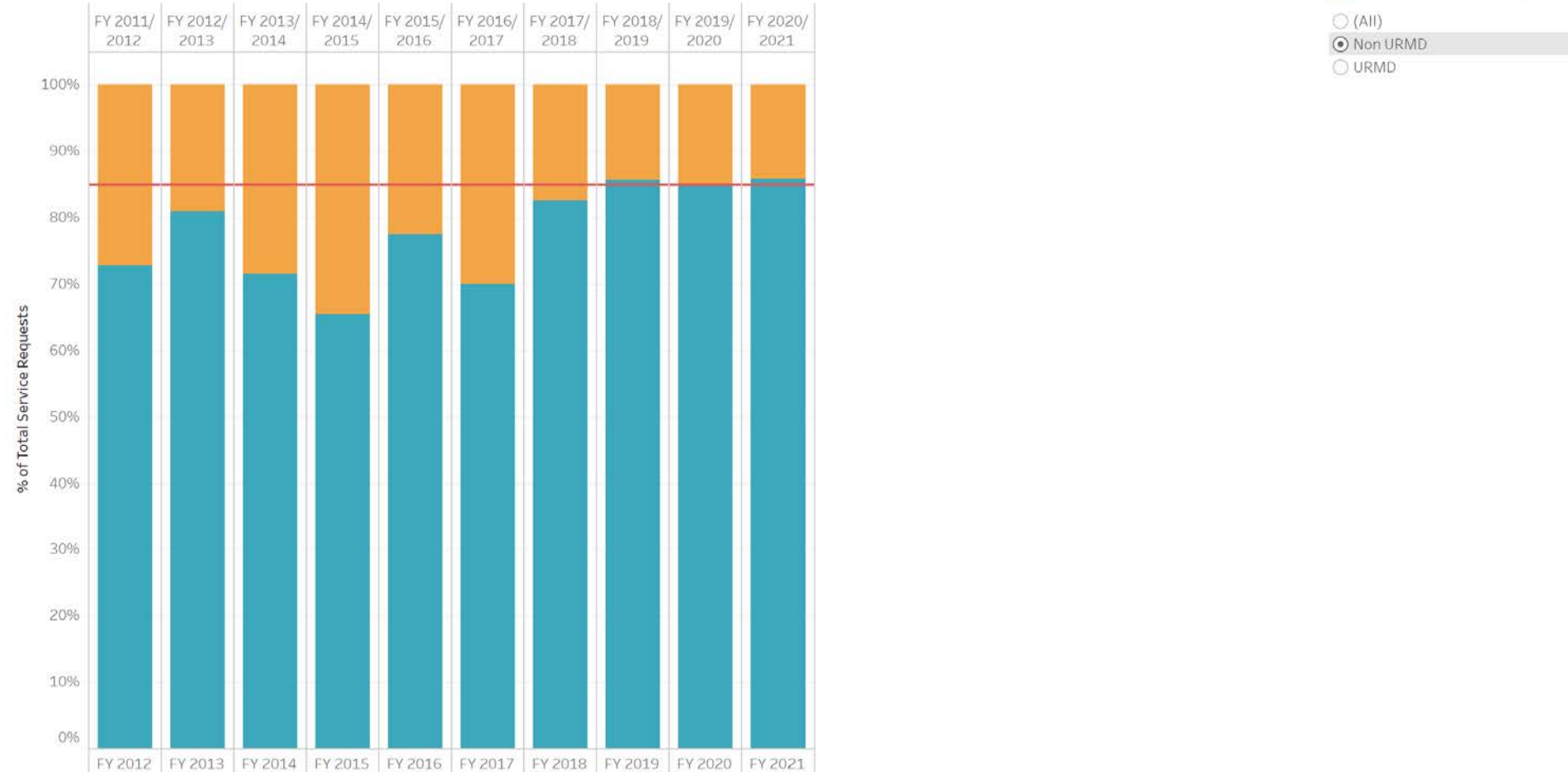
Non URMD Request Categories





# Service Requests (Non-URMD) - FYTD

% of Non URMD Service Requests Completed within 30 days





Questions?

Is it 2021, yet?