



2022 State of the Streets

March 31, 2022
Cheryl Huelle, P.E.

Town of Oro Valley

Capital Improvement Projects

- ▶ Moore Road Improvements: La Cholla to King Air
- ▶ SR77 Wildlife Fence
- ▶ La Cañada Dr Multi-Use Path: Lambert to Naranja
- ▶ Pavement Preservation: Town-wide
- ▶ Traffic Signal Modernization



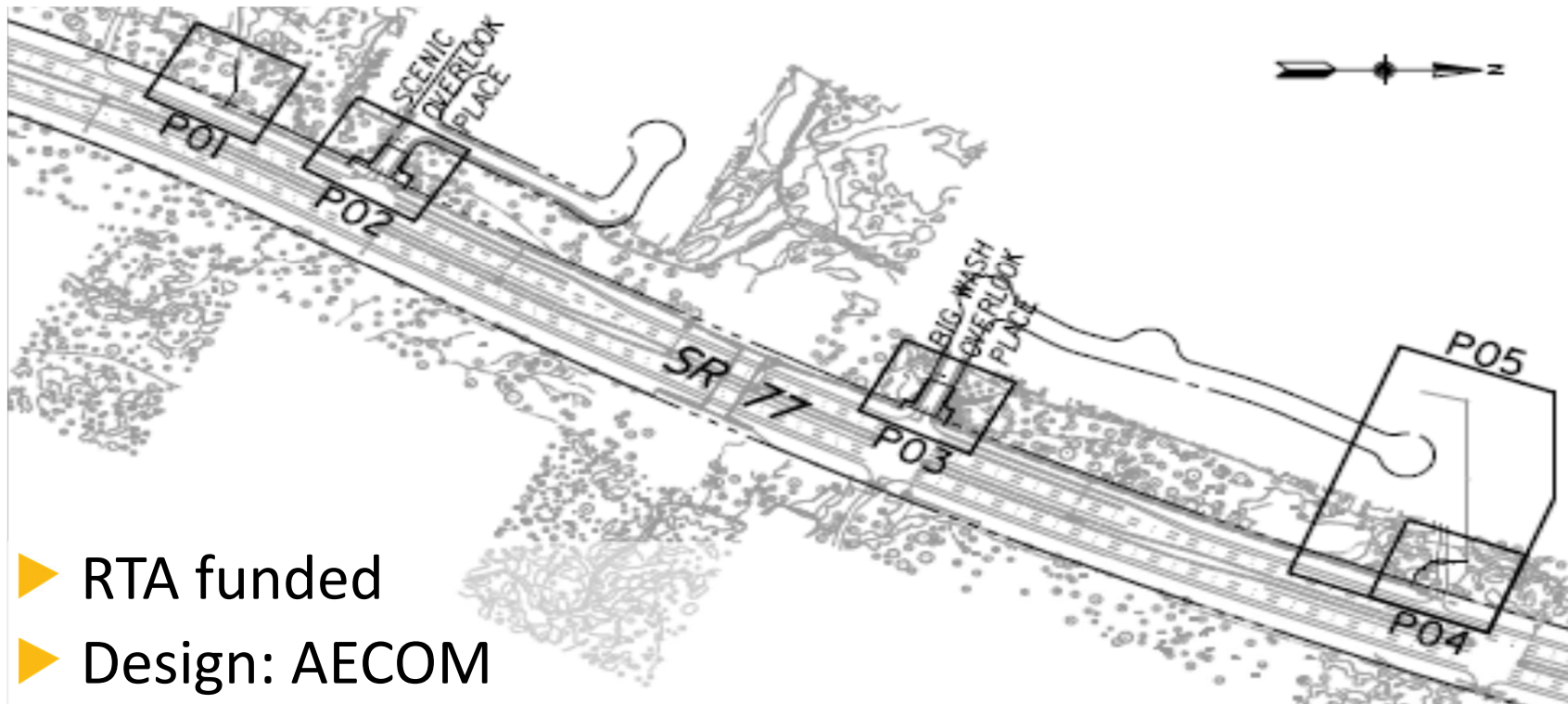
Moore Road Improvements: La Cholla to King Air

- ▶ Paved shoulders and overlay
- ▶ Cutoff walls at dip crossings
- ▶ Cost: \$537,840
- ▶ Contractor: KE&G Construction Inc.



- ▶ Start: April 11 - Finish: June

SR77 Wildlife Fence



- ▶ RTA funded
- ▶ Design: AECOM
- ▶ Bids Due: April 12
- ▶ Start and finish dates TBD



AECOM

Town of Oro Valley
www.orovalleyaz.gov



La Cañada Dr Multi-Use Path: Lambert to Naranja

- ▶ 10-ft wide multi-use path on west side of La Cañada Dr
- ▶ RTA and Town funded
- ▶ Design: AECOM



- ▶ Start construction in August



Pavement Preservation

Annual program

- ▶ Roadway network: 430 lane miles
- ▶ Treatment per year: 50 – 100 lane miles
- ▶ Annual investment: \$1.6 Million

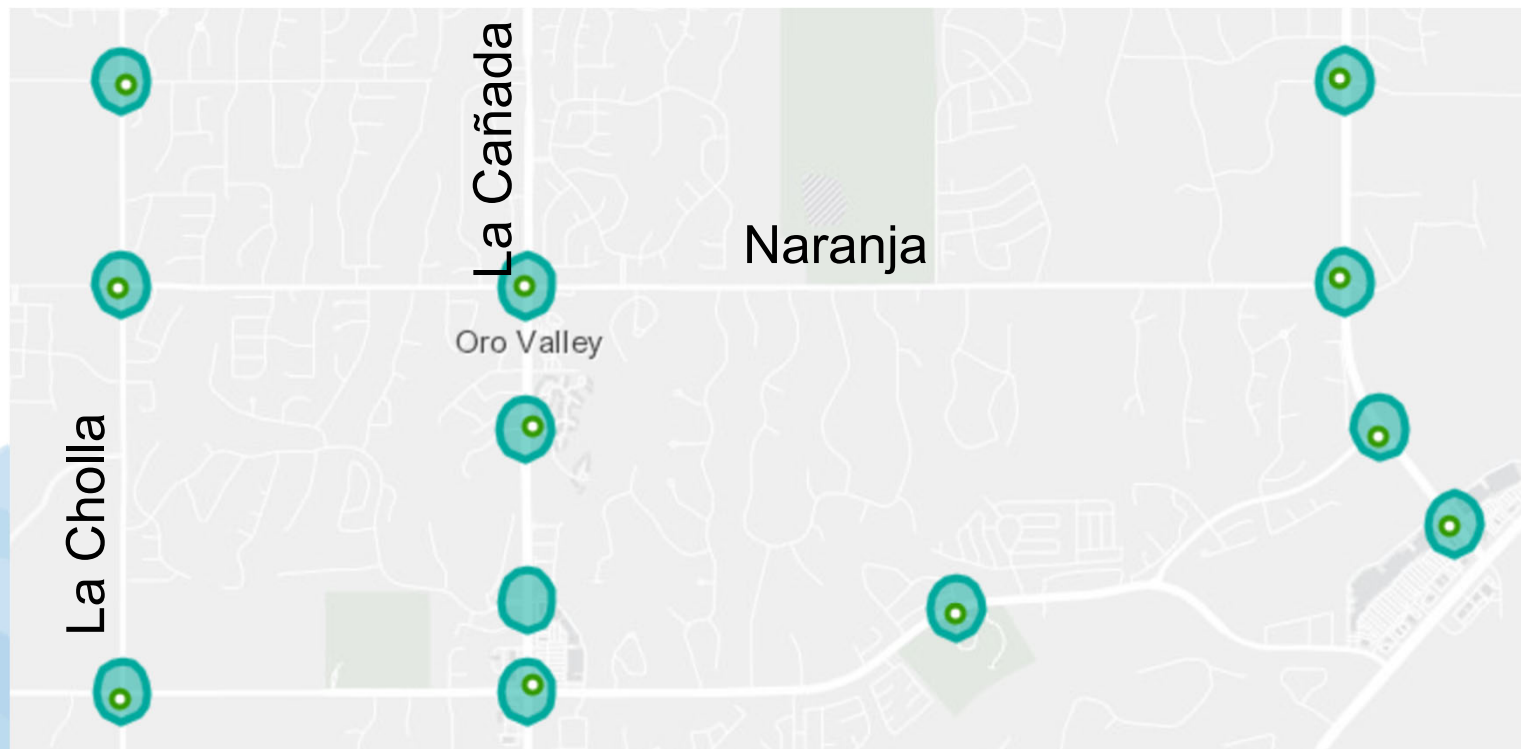
▶ Treatments:

- ▶ Fog Seals
- ▶ SAM
- ▶ Slurry Seals
- ▶ Overlays



Traffic Signals Update

- ▶ 23 Traffic Signals
- ▶ 2 HAWKs: Riverfront, Ventana
- ▶ 2 RRFBs: Crosswalk, Roundabout
- ▶ 10 ZincFive UPS, + 6
- ▶ ASC3 or Cobalt controllers
- ▶ 4 Miovision Trafficlink
- ▶ 4 point-point
- ▶ LED Streetlights & IISNS





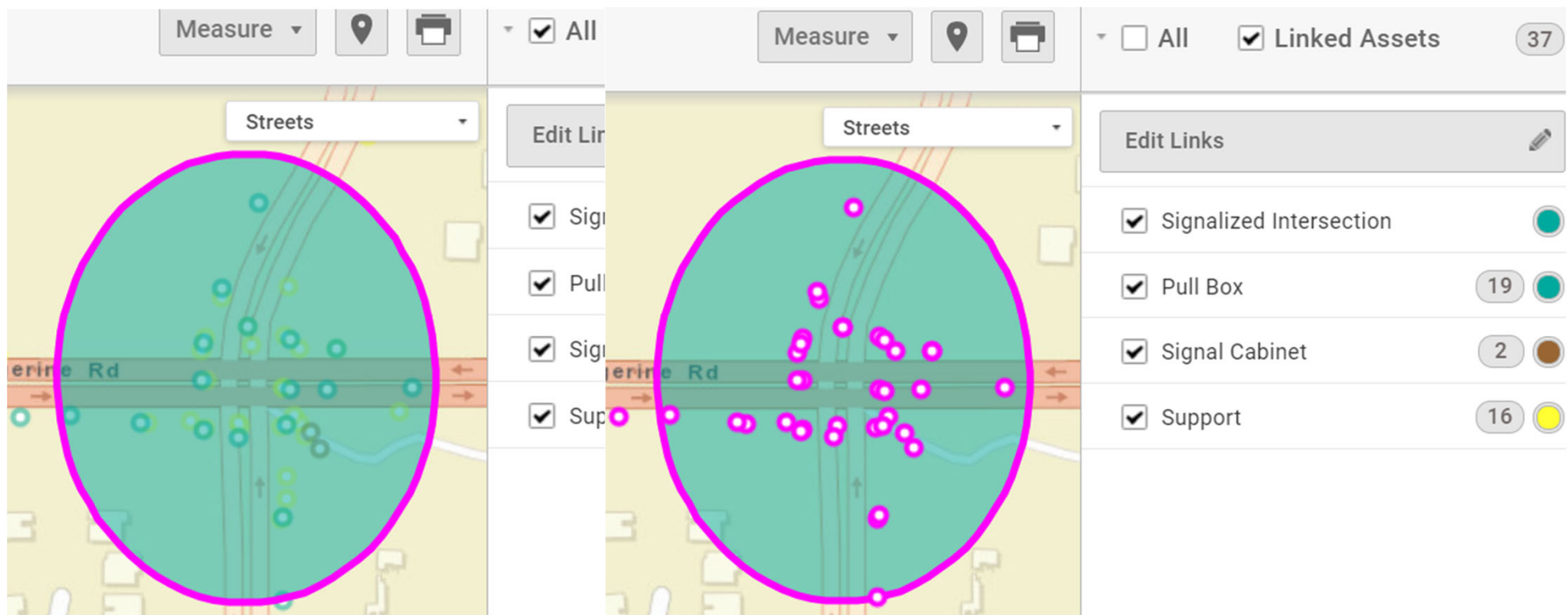
Cartegraph

- ▶ Pavement Management
 - ▶ 1,298 roadway/MUP segments digitized with Arcview/GIS
 - ▶ Polygons, yd² for planning/estimating preservation projects
 - ▶ OCI updated: surface treatments, crack seal
 - ▶ PASER rating, history, maintenance, surface treatments
- ▶ Pavement Marking and Signs
 - ▶ 3,317 assets: longline, stop bars, crosswalks, symbols, legends
 - ▶ 10,809 assets: regulatory, warning, guide
 - ▶ Cartegraph Resources, asset history
 - ▶ Work/routine maintenance, annual longline contract
 - ▶ Preventative Maintenance Plan
 - ▶ Sign OCI updated by established 5-star rating
 - ▶ Retro-reflectivity: longline (StripeMaster) sign (922 RoadVista)



Cartegraph

- ▶ Traffic Signals (27 intersections)
 - ▶ Data entry, asset level: signal head vs indication
 - ▶ cabinets, controllers, UPS, poles/mast arms, heads, streetlights
 - ▶ Track routine maintenance/inspections, constituent concerns





Cartegraph

► Adopt a Road

Available Roads

N LA CHOLLA BL
La Cholla Boulevard East Side between
Lucero Rd to Lambert Lane

W LAMBERT LN

Lambert Lane North side between First
Avenue to Calle Mira Mesa

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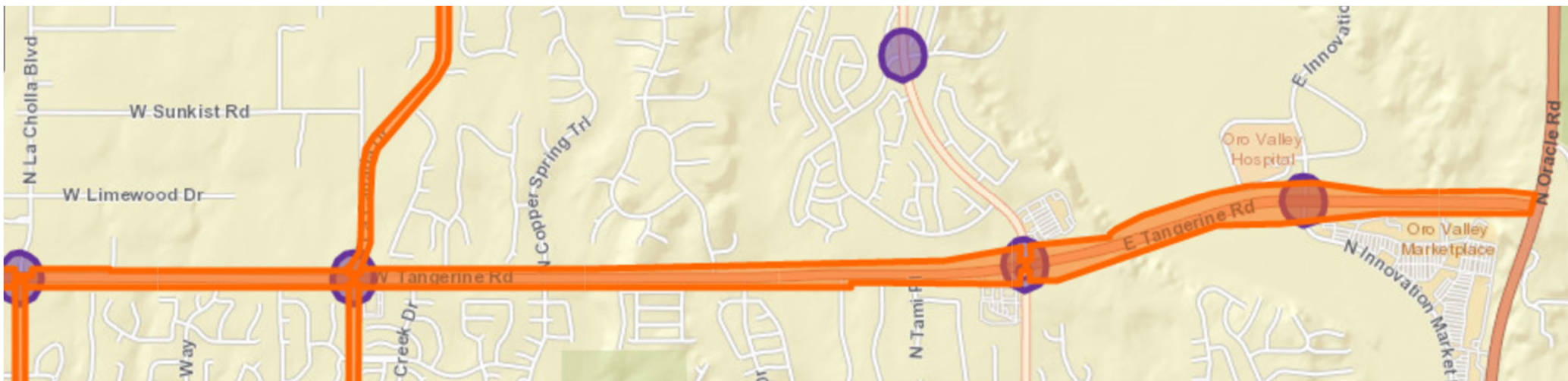
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Cartegraph

- ▶ Operations
 - ▶ Landscape Maintenance along roadways
 - ▶ Sidewalk Repairs (ROW Inspections)

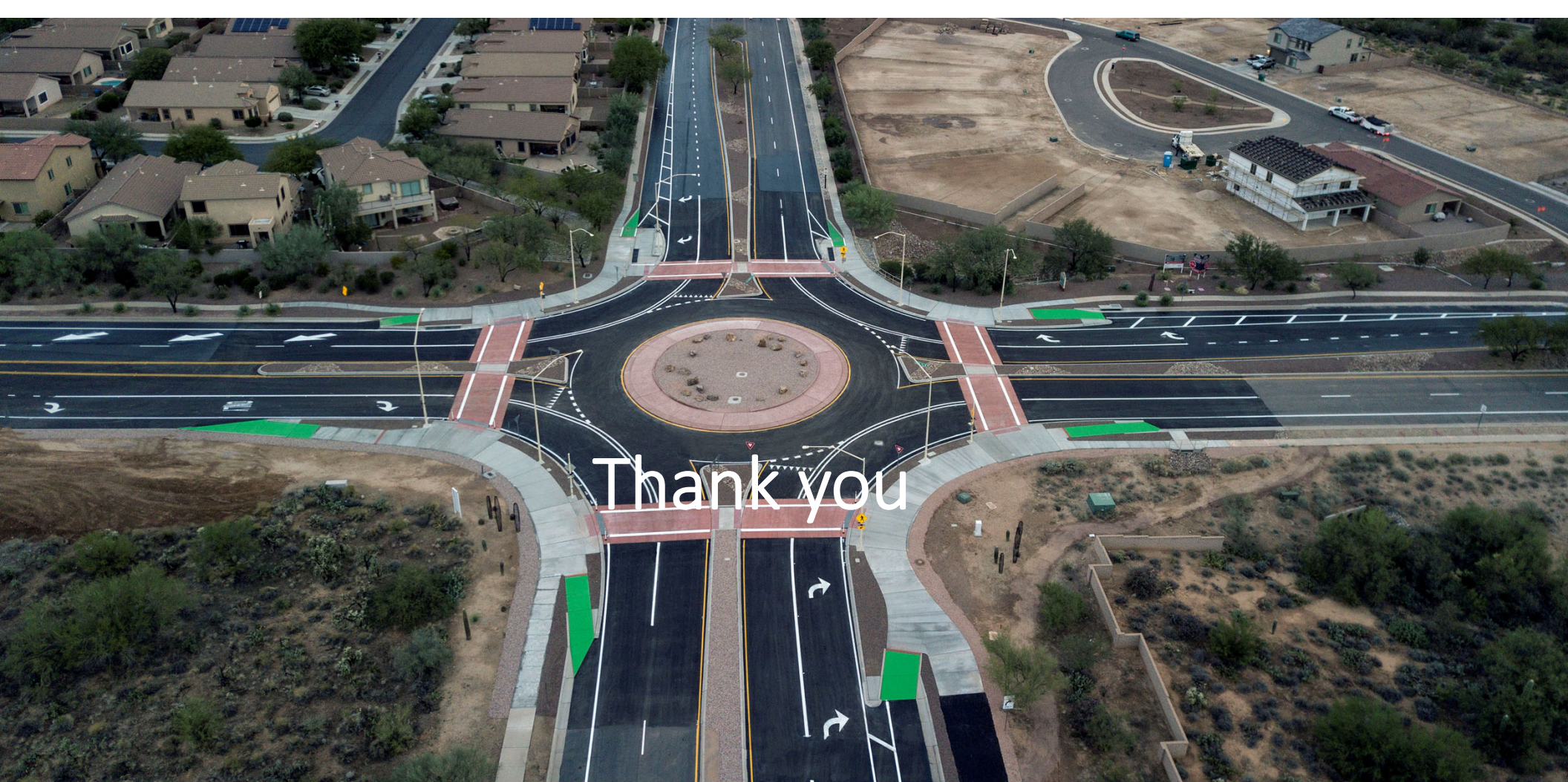


- ▶ Other: graffiti, incident cost, large volume sign replacement

Future of Oro Valley Streets

- ▶ Capacity/Safety Improvements
- ▶ Pavement Management
- ▶ Signal & Streetlight Upgrades and Maintenance
- ▶ Multimodal Adaptations
- ▶ 5 to 10 year plan





Thank you

Cheryl Huelle, P.E.
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