

# CARSON CITY REGIONAL TRANSPORTATION STAKEHOLDER COALITION (RTSC)

FEBRUARY 15, 2022



# AGENDA

- General Divisional Update and Introductions
- East William Complete Street Project
- JAC Transit Improvements
- Carson Area Transportation System Management Plan Update
- FY 2023-2024 CAMPO Unified Planning Work Program
- Capital Projects
  - Ongoing
  - 2022 Projects
  - Long-Term
- Open discussion – All
- Group Role and Future Meetings

# MEET THE TEAM!



- Christopher Martinovich, PE | Transportation Manager
- Kelly Norman | Lead Transportation Planner / Analyst
- Bryan Byrne, PE | Transportation / Traffic Engineer
- Marquis Williams | Transportation Planner / Analyst
- Alex Cruz | Transit Coordinator
- Rebecca Bustos | Grants Analyst
- Scott Bohemier | Transportation Planner / Analyst & Western Nevada Safe Routes to School Coordinator

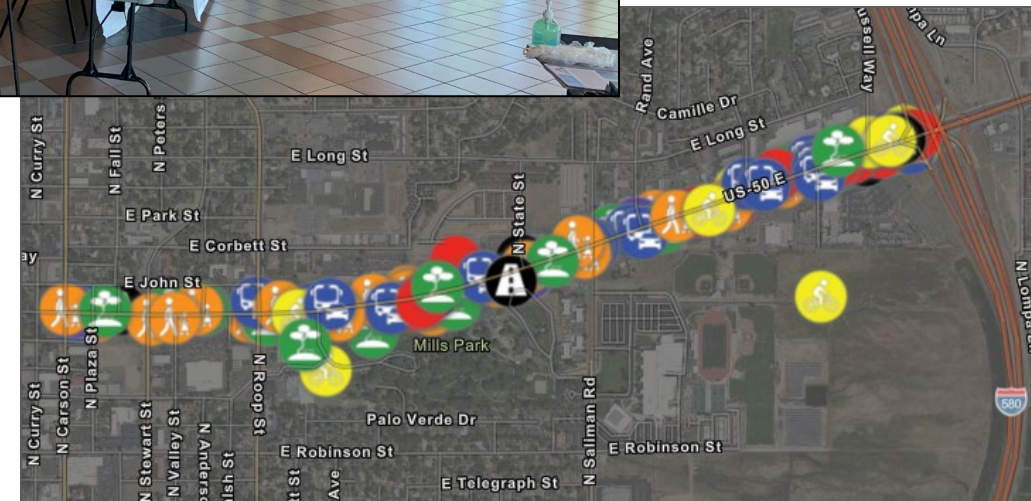


# EAST WILLIAM COMPLETE STREET PROJECT

# CONNECTING

WITH THE CAPITAL

- Complete streets treatment along East William Street between North Carson Street and I-580, approx. 1.5 miles.
- Awarded \$9.3 million of Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant funds.
- Outreach efforts include:
  - Corridor walk to inform business owners of upcoming project.
  - Two in-person community meetings.
  - Survey and interactive comment map on CarsonProud.com.
  - Partnership with Carson High School to design a project logo.
- Next Steps:
  - Initial comment period closes February 28<sup>th</sup>.
  - Public comments will be incorporated into 15% design along with environmental and traffic impact studies.



# JUMP AROUND CARSON (JAC) TRANSIT UPDATE

- Short Term:
  - Bus Amenities
  - Fleet Updates
- Long Term:
  - New Routes/Route Adjustments
  - JAC Transfer Station
  - Solar Lighting



# JUMP AROUND CARSON – SHORT TERM PROJECTS

- New CAD/AVL Software for Fixed-Route buses- To be implemented by Summer 2022
- Automatic Passenger Counters on all buses – Summer 2022
- Rider Amenities: Free Wifi for riders, Contactless Fare Payment – Summer 2022
- Continue to update current bus fleet – Dependent on Supply Chain



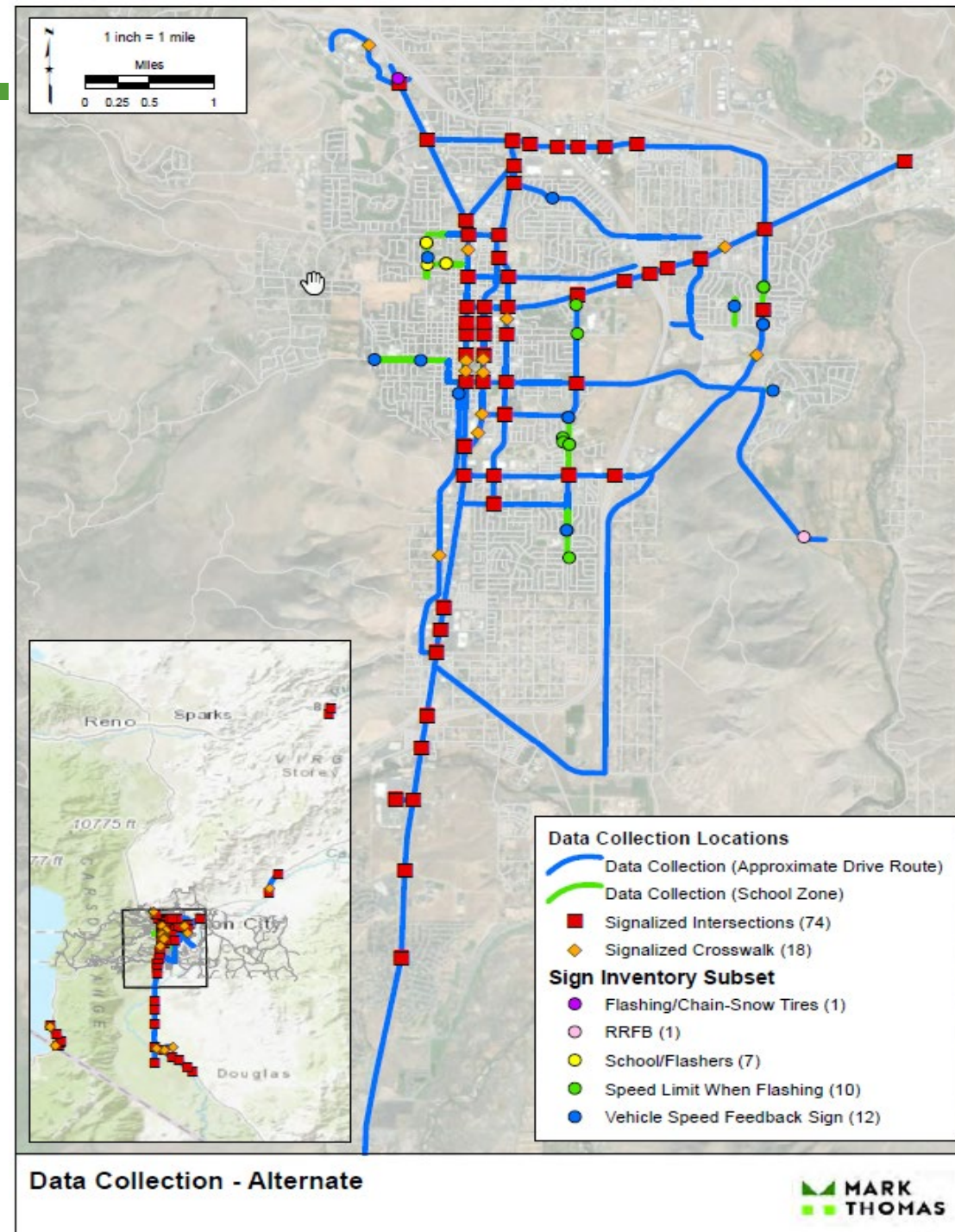
# JUMP AROUND CARSON – LONG TERM PROJECTS

- New Proposed Routes/Adjustments
  - Outreach at William Street public meetings
  - Update expected at April CAMPO/RTC meetings
- JAC Transfer Station Feasibility Study
  - Consultant working on narrowing down list of viable locations
- JAC Solar Lighting on all stops/shelters
  - Dictated partially by New Routes/Adjustments



# CARSON AREA TRANSPORTATION SYSTEM MANAGEMENT PLAN (CATSMP)

- Identify the true costs of maintaining and operating our system
- Identify lifecycle costs and replacement needs
- Identify and document any program deficiencies and understand needed enhancements
- Understand our funding and staffing needs – Program Level
- Seek more funding/reimbursement through agreements with NDOT or other sources for maintenance activities
- Looking for data driven decision methods to assist with policy decisions and traffic operations implementation







# MAJOR PROJECT TASKS

- Project Management
- Stakeholder Engagement – Needs Assessment Workshop
- Asset Management Planning (Data Collection, Assessment of Existing Conditions, Future Needs)
- Performance Measures and Benchmarks
- Implementation and Traffic Signal System Optimization
- CATSMP Report

# DATA COLLECTION PROCESS



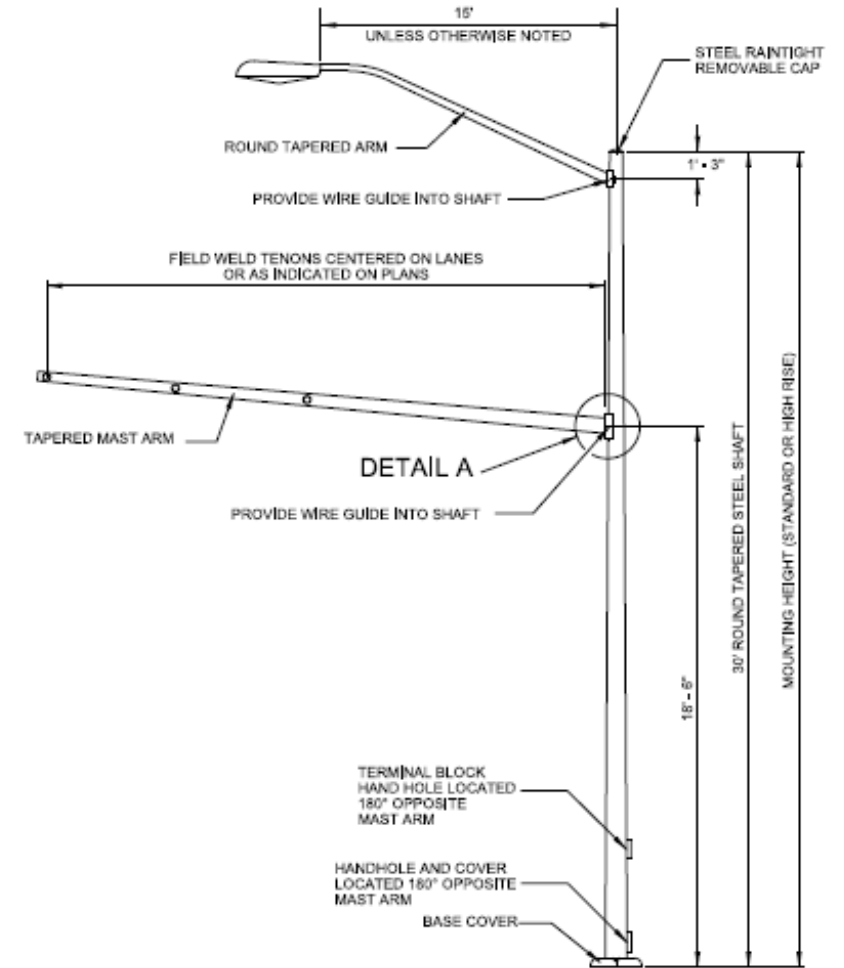
Google Street View Example

## ELEMENTS COLLECTED AND REVIEWED

Elements	Actual Number Collected/Reviewed
Signalized Intersection	73
Signalized Pedestrian Crossings	22
Flashing Beacons	21
Radar Speed Feedback Signs	10
Signal-Related Supports (with attributes extracted from Lidar data)	367
Supports (manually collected in the field)	105
Supports Reviewed (new supports and supports that were updated from dataset provided by Carson City)	653
Signs	1,172 ( <i>Total of 8,385 signs</i> )

# LOGISTICAL ELEMENTS

- CAMPO compiled logistical elements such as:
  - Incident and special event management procedures
  - Signal Timing Policies and Procedures
  - Agreements and contracts
  - Funding Summaries
  - Staffing requirements and existing staffing levels
  - Safety
  - Spares inventory
  - Existing coordination agreements with other quad county agencies



POLE TYPE 35 MAST ARMS 45' AND LESS  
POLE TYPE 35-A MAST ARMS 50' TO 60'  
POLE TYPE 35-B MAST ARMS 65' TO 85'



# PERFORMANCE MEASURES

## Existing Performance Measures from 2050 RTP

- Increase safety of the transportation system for all users
  - Crash Target Setting
- Maintain a sustainable regional transportation system
  - Pavement Condition Index (PCI)
- Increase the mobility and reliability of the transportation system for all users
  - Travel Time Reliability
- Maintain and develop a multi-modal transportation system that supports economic vitality
- Provide an integrated transportation system

# FY 2023-2024 CAMPO UNIFIED PLANNING WORK PROGRAM (UPWP)



- Continuing, Comprehensive, Cooperative Regional Transportation Planning document for Carson Area Metropolitan Organization (CAMPO)
- Biennial statement of work identifying the planning priorities and activities to be carried out by an MPO
- Primary Responsibilities & Priorities:
  - Increase the safety of the transportation system for motorized and non-motorized users
  - Maintain a sustainable regional transportation system
  - Increase the mobility and reliability of the transportation system for all users
  - Maintain and develop a transportation system that supports economic vitality
  - Provide an integrated transportation system

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# FY 2023-2024 CAMPO UNIFIED PLANNING WORK PROGRAM (UPWP)

1.0 MPO  
Administration

2.0 Outreach &  
Engagement

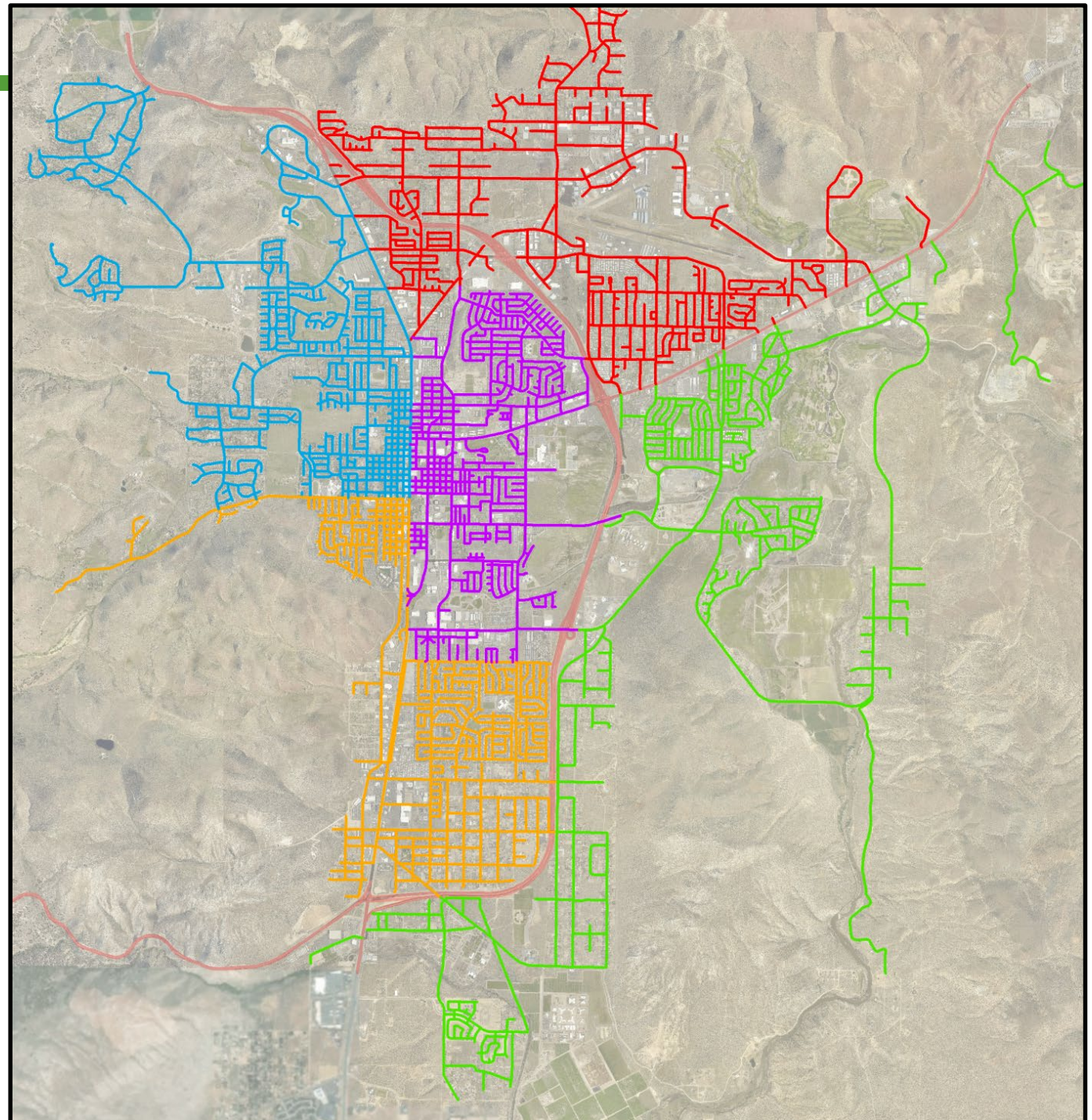
3.0 Multimodal  
Planning

4.0 Transportation  
Performance &  
Asset  
Management

5.0 Street &  
Corridor Planning

# PERFORMANCE DISTRICTS

Performance District Number	Year
1 (Red)	2019
2 (Purple)	2020
3 (Green)	2021
4 (Orange)	2022
5 (Blue)	2023





# CAPITAL PROJECTS – COMPLETED / ONGOING PROJECTS



Project	End Date	Scope/Limits
Kings Canyon FLAP	April 2022	Roadway Full Depth Reconstruction and parking lot – Lower Creek Crossing to End of pavement
D2 Northridge Drive	Sep 2021	Roadway Full Depth Reconstruction and ADA Imps – Carriage Crest to Eastridge Ln
D2 Long Street	April 2022	Roadway and utility reconstruction – Roop St to Saliman Rd
D3 Clear Creek	October 2021	Slurry Seal – US 395 to Vista Grande Blvd, Included Vista Grande in Carson City
D3 Deer Run Road	October 2021	Patching, Slurry Seal, shoulder work – US 50 to Sedge Rod
Robinson Street Sewer	April 2022	Sewer project with pavement replacement – Mountain S to Nevada St
School Zone Signing	Dec 2021	New flashing beacons at 5 school zones in Carson City

# CAPITAL PROJECTS – 2022 CONSTRUCTION PROJECTS



Project	Estimated Start Date	Limits
D3 Center Drive	April 2022	Roadway Reconstruction – County line to Snyder Ave
D3 5 <sup>th</sup> Street Rt-Turn	June 2022	New Right-turn Lane at Carson River Rd
D4 Silver Sage Drive	Oct 2022	Slurry Seal/Mill – Koontz Ln to Colorado St
D4 Curry Street	July 2022	Slurry Seal – Clearview Dr to Rhodes St and USFS to 10 <sup>th</sup> St
D4 Saliman Road	July 2022	Slurry Seal – Koontz Ln to Colorado St
D4 Colorado Street	May 2022	Roadway Full Depth Reconstruction – Utah St to Saliman Rd, Slurry Seal - Carson Street to Utah
D2 Roop Street	June 2022	Roadway Full Depth Reconstruction – 5 <sup>th</sup> St to Musser St.
US 50 Waterline Work	Feb 2022	Replace Waterline along US 50 between Lompa Ln and Airport Rd

# CAPITAL PROJECTS – LONG TERM

## Performance District 5

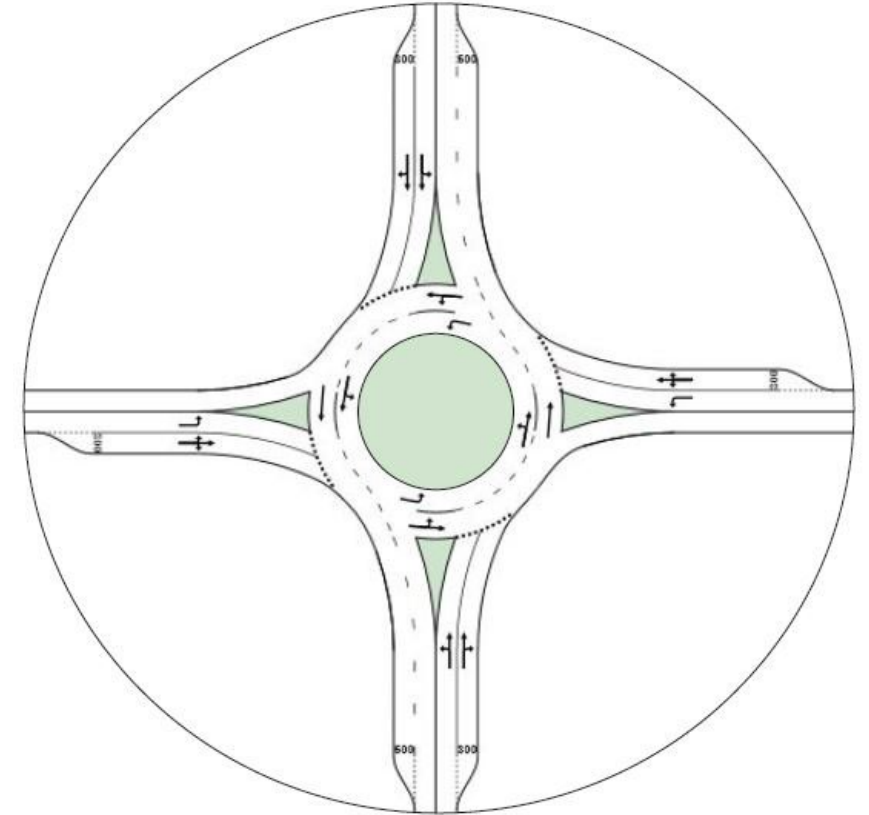
- Pavement Preservation and Rehabilitation Projects

## Redevelopment Area Projects

- Sidewalks
- JAC Downtown Transit Transfer Center
- Curry Street – Rhodes Street to USFS
- Appion Way Traffic Signal and Intersection Improvements

## Ongoing and Future Projects

- E. 5<sup>th</sup> Street Rehabilitation and Roundabout Improvements – Fairview Drive to Marsh Road
- N. Carson Street - William Street to Medical Parkway
- DMV multi-use path connection and rehabilitation - Roop Street and South Carson Street



# FUTURE MEETINGS

- Ongoing role of this group
  - Input on various transportation related topics
- Open discussion
- Next meeting planned for May



# THANK YOU!

TRANSPORTATION DIVISION

CHRIS MARTINOVICH, PE | TRANSPORTATION MANAGER

775.283.7367

[cmartinovich@carson.org](mailto:cmartinovich@carson.org)

