

An aerial photograph of Carson City, Nevada, showing a winding river through a valley with residential and commercial buildings. In the background, there are blue-toned mountains under a cloudy sky.

TRAFCC

(Transportation Resource Advisory Forum for Carson City)

November 29, 2016

Overview

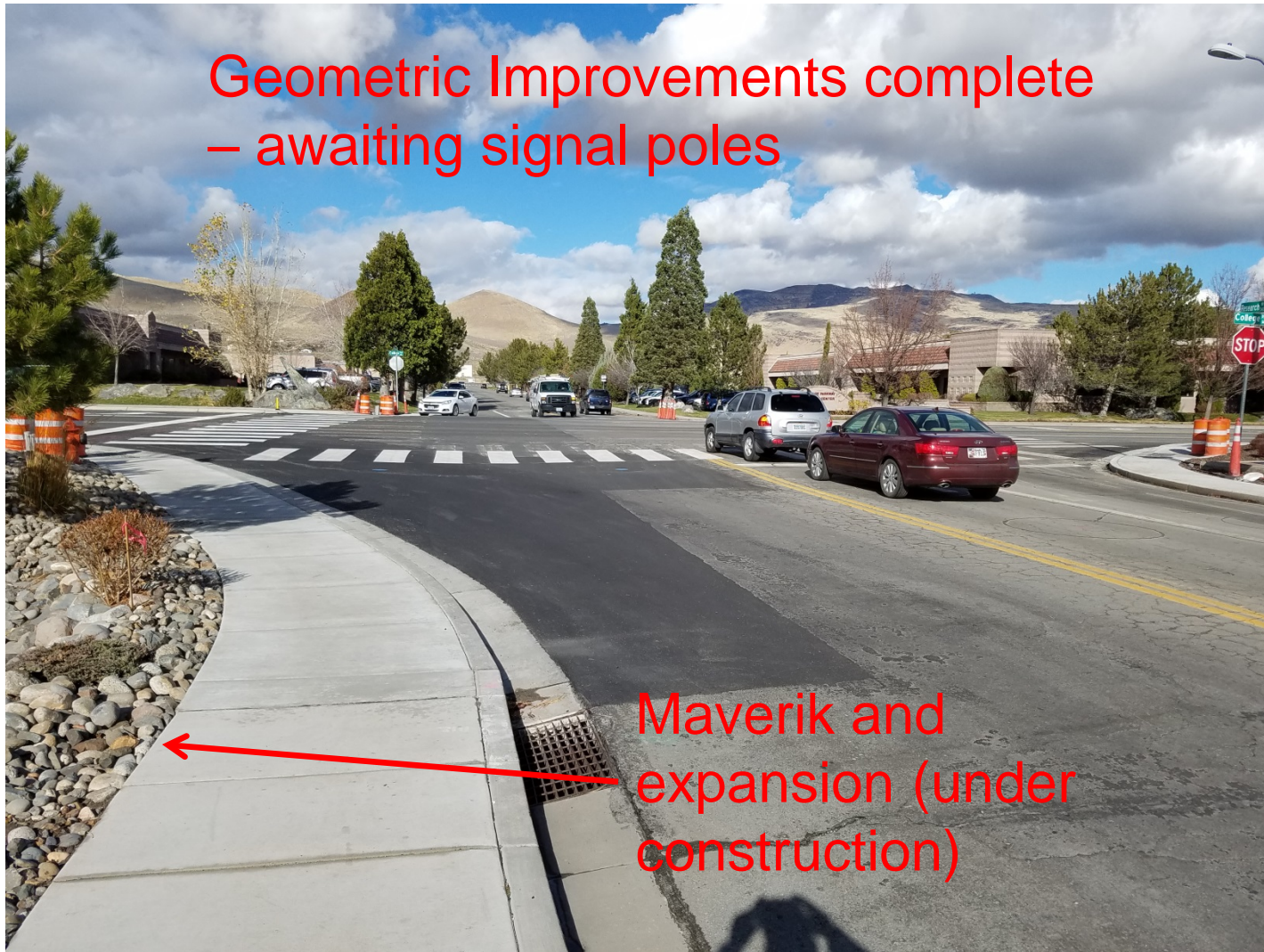
- Review of ongoing transportation projects
- Additional current fiscal year projects
- Prioritization of projects with available funds
- Options for future TRAFCC meetings/role

Downtown Project – Open!



College/Research Signal

Geometric Improvements complete
– awaiting signal poles



Maverik and
expansion (under
construction)

Carson/Winnie Signal

Concrete work
underway



Roop/Robinson Signal



Concrete work in all four corners
and new pole base installation

Street Lights at Fairview/Gordon



Sidewalk Repair Project – Winnie Lane



August 18:



November 21

South side of Winnie Lane east of Mountain Street

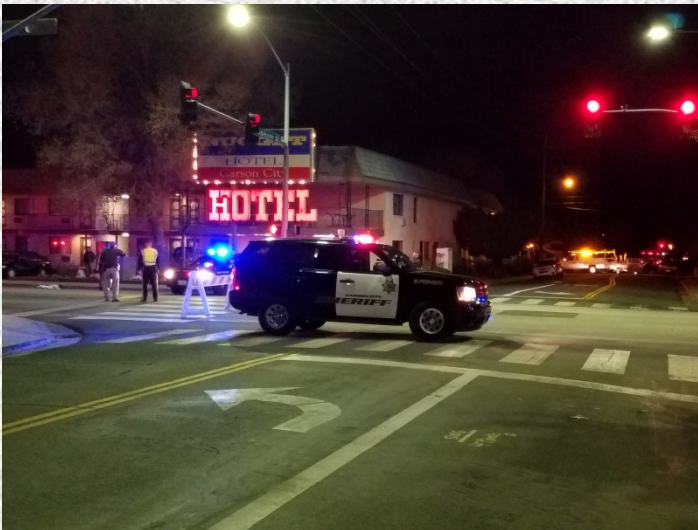
Freeway Progress – 2B-3



Looking South from Koontz 22NOV16

Use of Available Funds This Fiscal year

- Use of funds
 - Pavement project – reconstruct Sonoma Street: Saliman to Halleck
 - Sidewalk improvements – maintenance/ADA along Blue Line
 - Safety improvements – pedestrian crossings



Fourth pedestrian fatality in
Carson City in 2016-
November 17 at
Stewart/Robinson

Use Available Funds This Fiscal year

- Pavement project- Design complete for portion of Sonoma Street – Saliman to Halleck.



Sonoma
Street east of
Saliman.
PCI of 35.

Surface Transportation Block Grant (STBG) funding

- STBG is a large Federal funding source which is provided to state DOTs
- NDOT required to provide funding to Washoe and Clark
- Funding suballocated into multiple categories, including for areas between 5k and 200k population
- In Federal fiscal year 2017, about \$3.1 million for small urban areas
- Urban areas in CAMPO area are 33% of statewide small urban area
- NDOT and CAMPO to enter agreement for funding
- CAMPO funding expected to be about \$1 million/year for four years divided among three counties

Allocation of Funds in Future Years

- Numerous alternatives for use of funds within the scope of street maintenance.
- Not sufficient funds to satisfy all needs.
- Input sought on allocation of resources in future years.
- Ballot measure not passing means continued trend of overall decline in pavement condition

Allocation of Funds in Future Years- Results from August TRAFCC meeting

How Would You Spend \$100 On the Street System of Carson City?	
Improvement Types	Amount
Road Maintenance-Arterial/Collector Streets	33
Road Maintenance-Local Streets	19
Road Capacity Improvements-New Roads/Widening	11
Safety-Specific Improvements	13
Sidewalk-ADA Compliance Improvements	8
Sidewalk-Connectivity/New Segments	7
Sidewalk-Maintenance/Reconstruction	8
Total	99

Allocation of Funds in Future Years

Discussion items for prioritization of funds

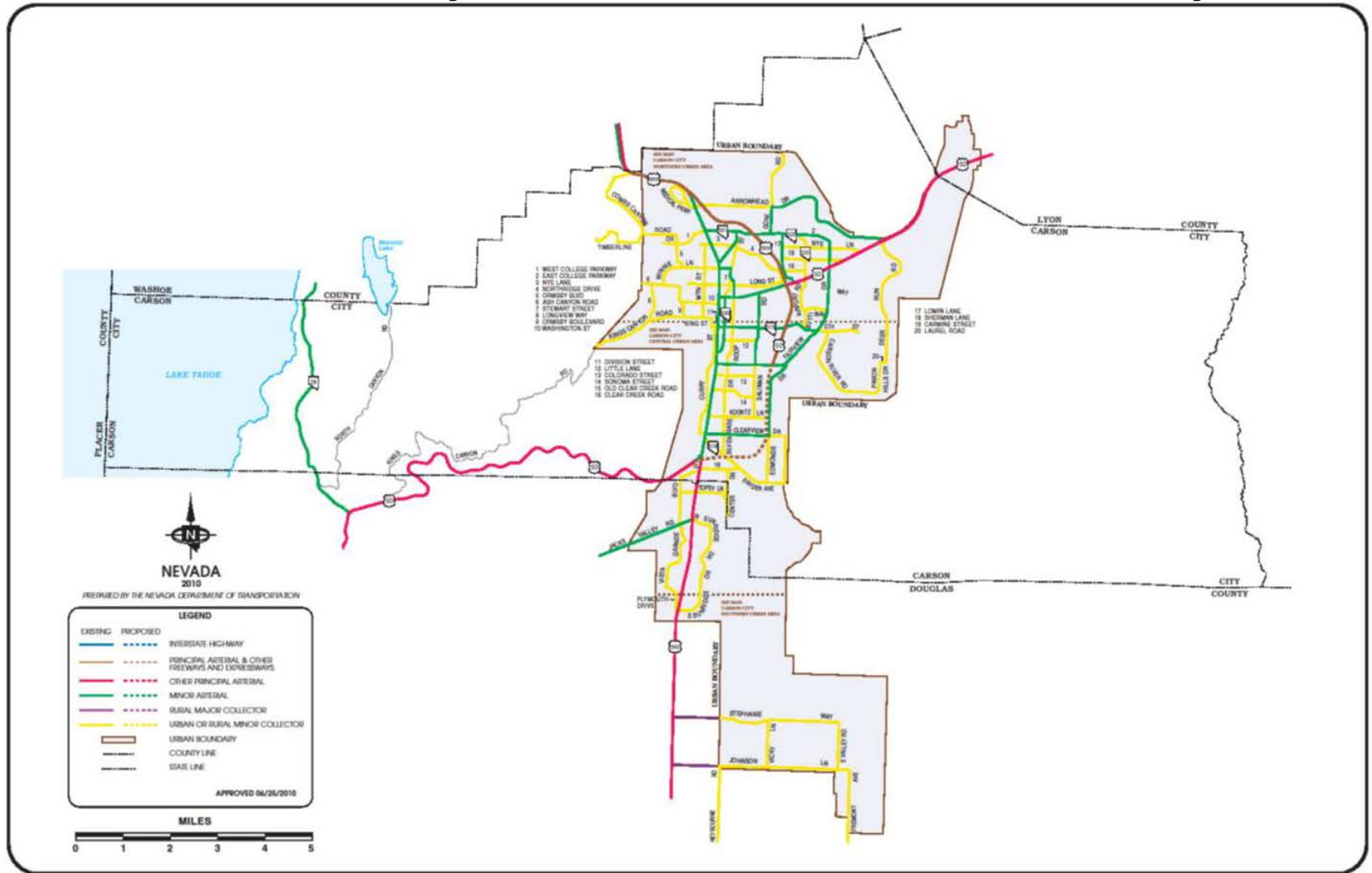
- “Basic” services (signal operations, sidewalk repairs, vehicles, crack filling, etc.) vs. capital
- Streets to address – arterials/collectors vs. locals
 - Arterials/collectors – about 30% mileage, 70% traffic
 - Locals – about 70% mileage, 30% traffic

Allocation of Funds in Future Years

Discussion items for prioritization of funds

- Types of improvements to make
 - Major reconstruction – more design, big impact, smaller area
 - Global treatments (sealing) – little design, less impact, bigger area
 - Localized treatments (potholes, crack fill) – no design, less impact, bigger area, in-house, stand alone and/or other efforts
- Pavement Management System
 - Important, useful tool
 - Engineering and design still needed
 - Take into account considerations like logical project lengths and efficiencies in contracting

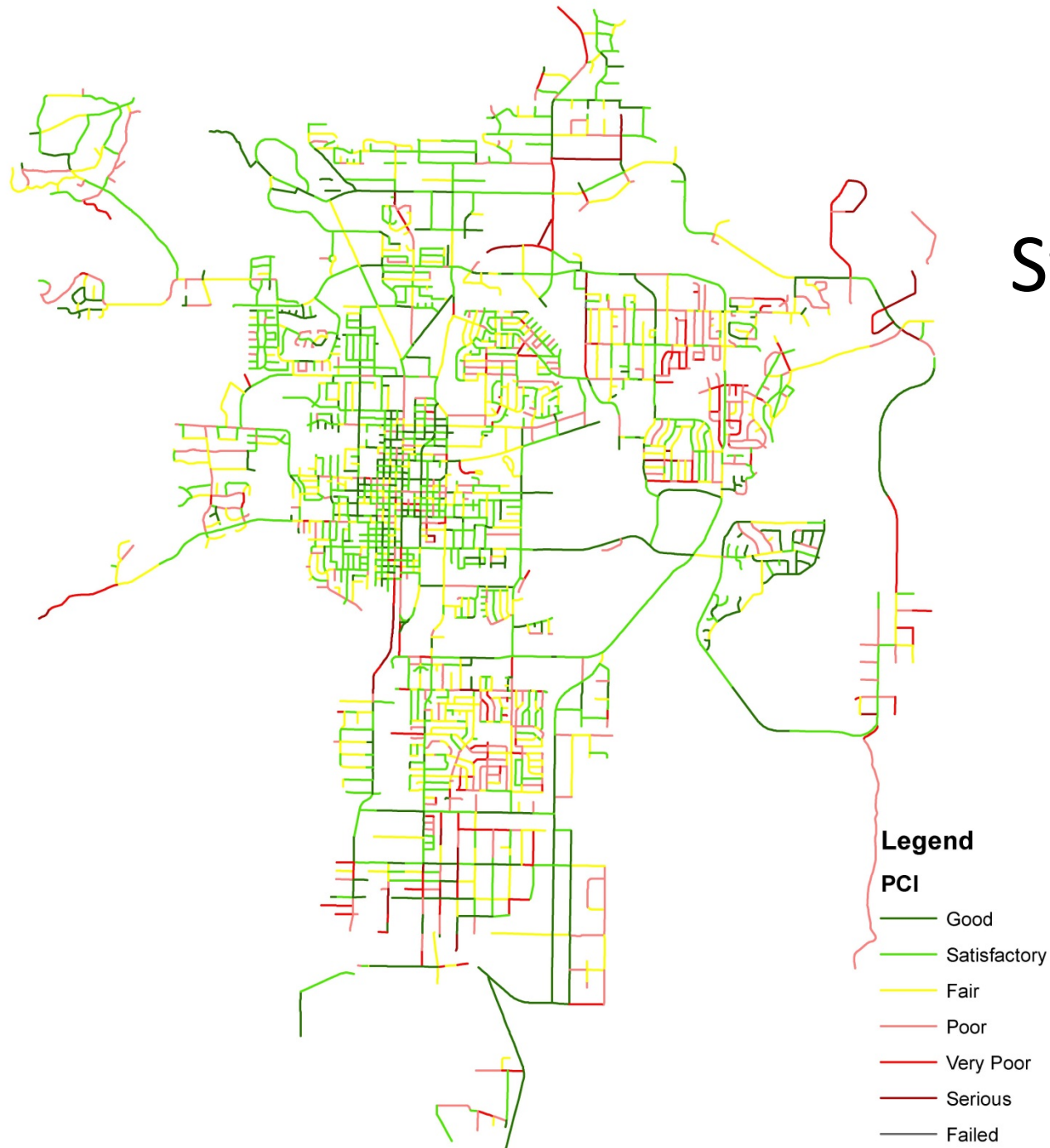
Street System of Carson City



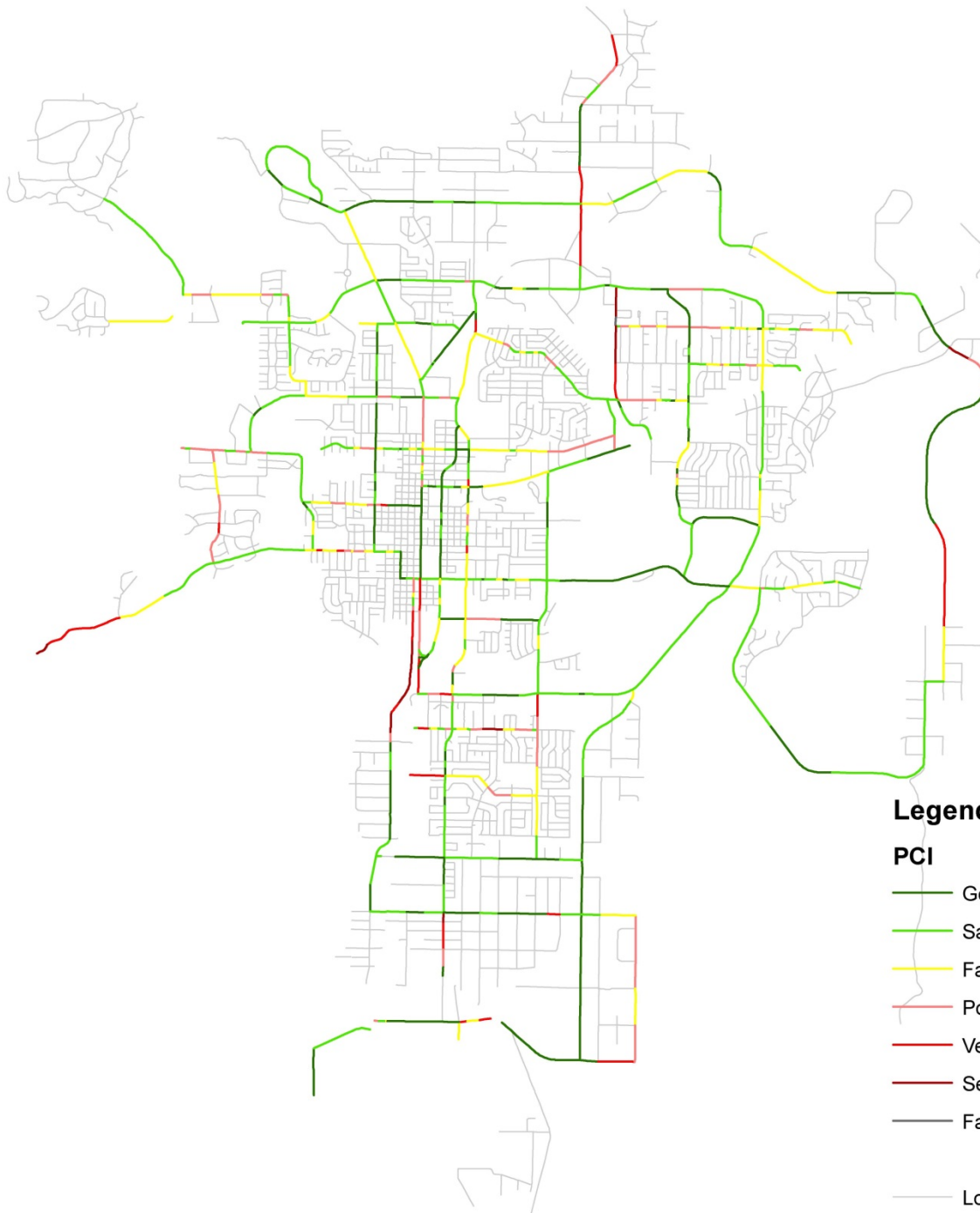
CARSON CITY
CARSON CITY, NEVADA

ROADWAY FUNCTIONAL CLASSIFICATION

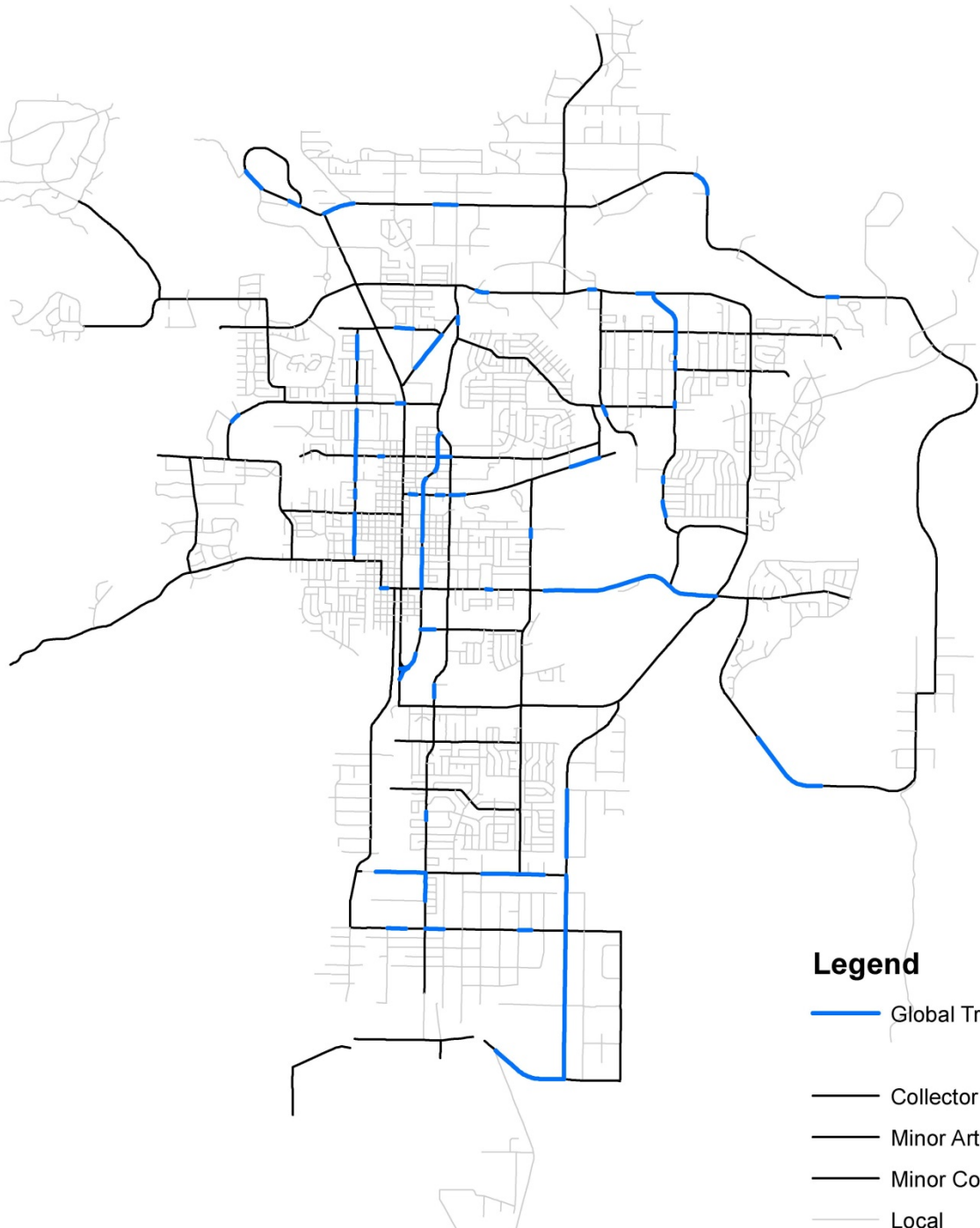
Carson City Streets - Current Conditions



Arterial/ Collector Streets – Current conditions



Arterial/ Collector Streets – Sealing Options

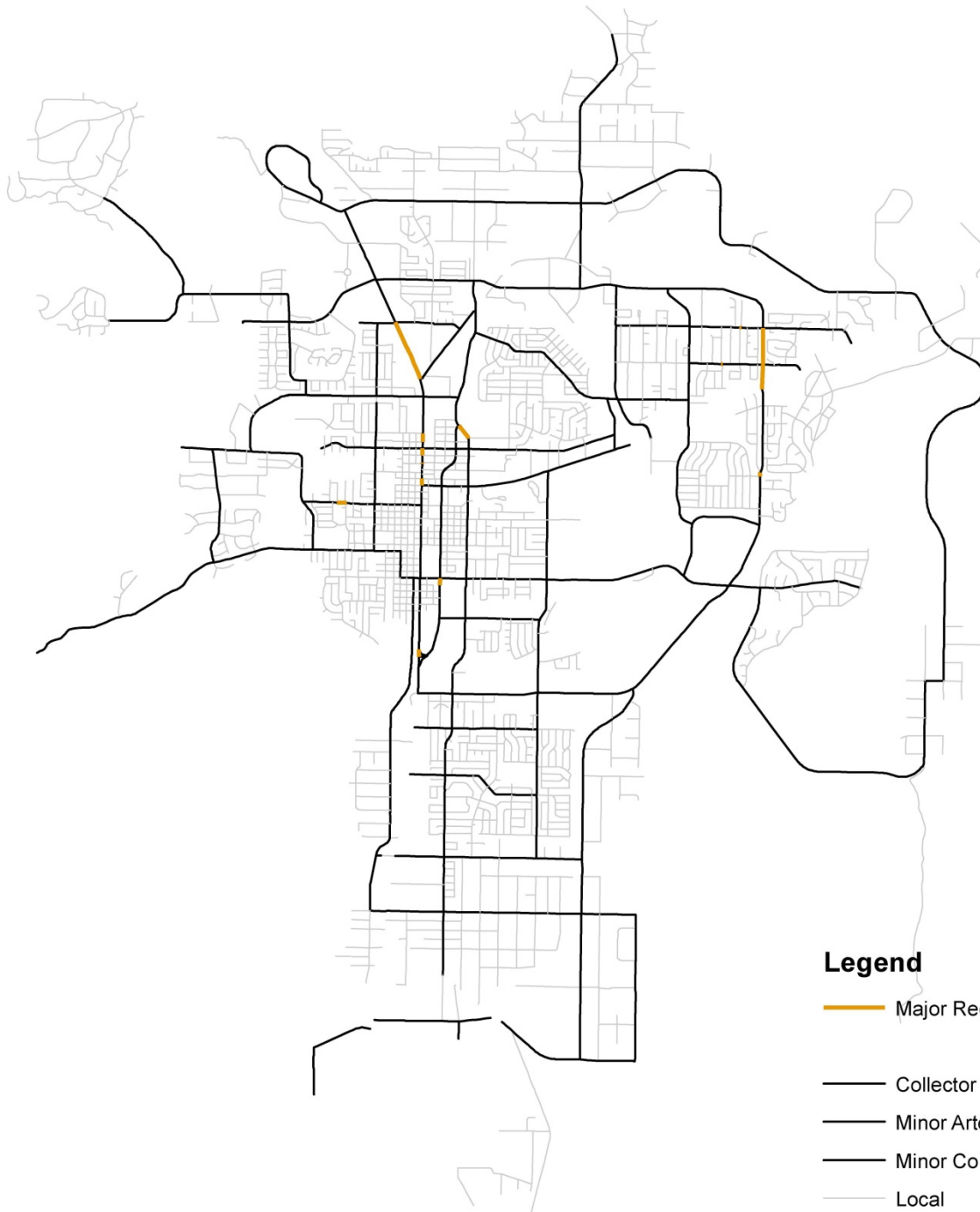


Legend

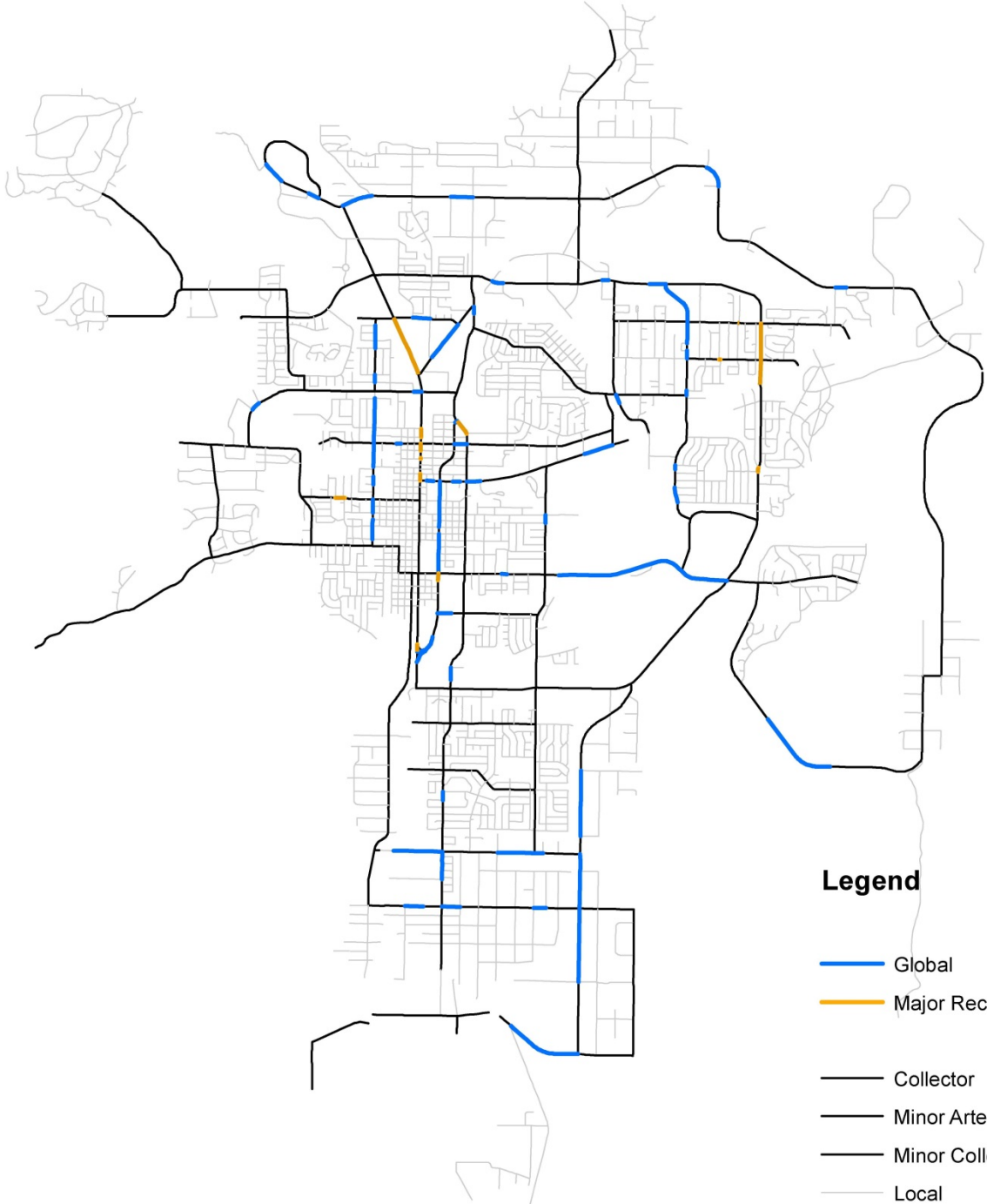
- Global Treatment
- Collector
- Minor Arterial
- Minor Collector
- Local

Note: Pavement management system selecting projects within certain criteria – not all money allocated

Arterial/ Collector Streets – Major Reconstruction Options



Arterial/ Collector Streets – Sealing and Reconstruction Options



- Legend**
- Global
 - Major Reconstruction
 - Collector
 - Minor Arterial
 - Minor Collector
 - Local

Allocation of Funds in Future Years

Amount of fund available next fiscal year

- Tracking current year expenditures and revenues
- Revenues are trending positively, but still limited
- Capital needs to address before selecting new projects
 - \$50k – annual payment for College/Research signal
 - \$100k – matching funds for FLAP grant – Sierra Vista lane
 - \$100k – capital investment for traffic signals
 - \$??k – vehicles/equipment

Next Steps

- Discuss Future Meetings of TRAFCC
- Staff report to RTC on TRAFCC with recommendation for future of TRAFCC
- Continued project development
- Budgeting process
- Implementation of projects

Contact Information

Patrick Pittenger, M.S., AICP, PTP

Transportation Manager, Carson City Public Works

775-283-7396

ppittenger@carson.org

Thank you!