

Carson Area Metropolitan Planning Organization (CAMPO)

July 13, 2016

Additional information for item **4-E**

Agenda Title: (Information only) Informational presentation on the draft 2040 Regional Transportation Plan (RTP).



2040 REGIONAL TRANSPORTATION PLAN

JULY 13, 2016

Carson Area Metropolitan Planning Organization

Background

- MPO's are required to create a long-range regional transportation document
- 2035 Regional Transportation Plan (June 2012)
 - ▣ Must be updated every 4 to 5 years
 - ▣ Must have a minimum of a 20 year planning horizon
- 2040 RTP developed in accordance federal requirements
 - Moving Ahead for Progress in the 21 Century (MAP-21)
 - Performance Based Planning
 - Objectives or Targets
 - Performance Measures

Goal: Increase the Safety of the Transportation System for all Users

3

□ Objectives:

- Reduce the number of transportation system fatalities
- Reduce the number of transportation system serious injures
- Reduce the rate of transportation system fatalities
- Reduce the rate of transportation system serious injures

Proven Safety Countermeasures

4



Roundabouts



Corridor Access Management



Backplates with Retroreflective Borders



Longitudinal Rumble Strips and Stripes on Two-Lane Roads



Enhanced Delineation and Friction for Horizontal Curves



Safety Edges_{SM}



Medians and Pedestrian Crossing Islands in Urban and Suburban Areas



Pedestrian Hybrid Beacon



Road Diet

Proven Safety Countermeasure Examples

5

Backplates with Retroreflective Borders



Medians and Pedestrian Crossing Islands "Danish Offset"



Goal: Maintain a Sustainable Regional Transportation System

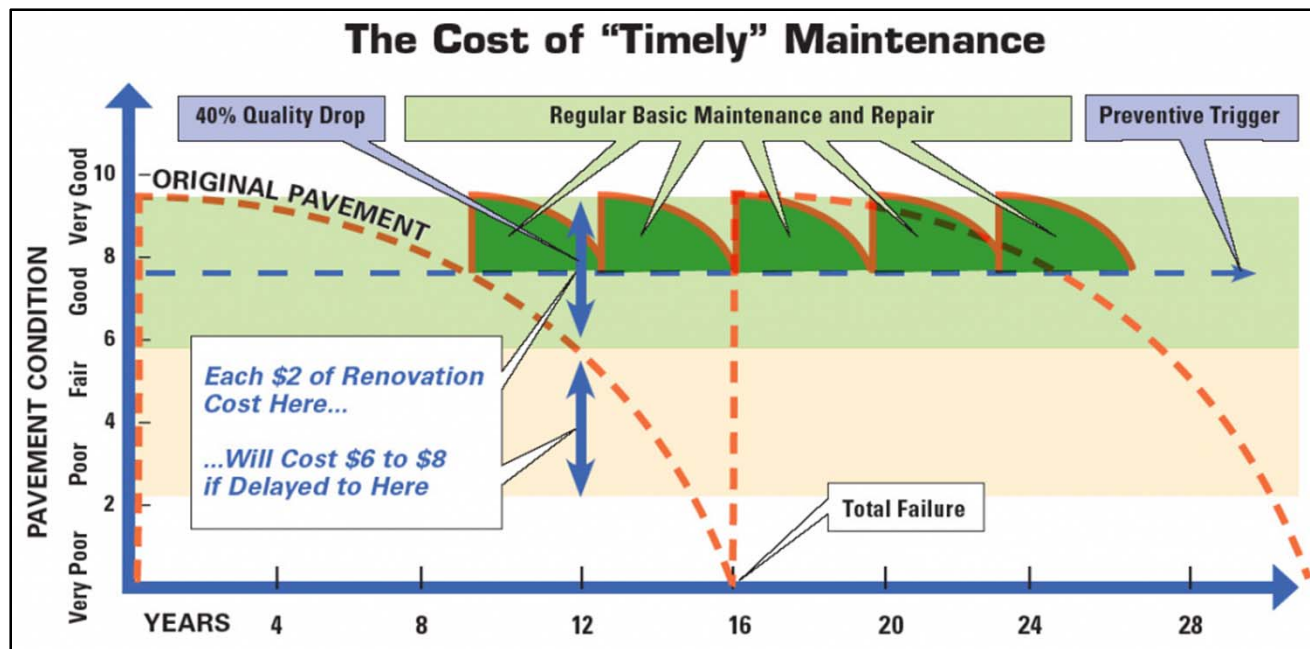
6

- Objectives:
 - Improve the pavement condition of roadways in the CAMPO boundary
 - Carson City's roadways: 62.9 Pavement Condition Index
 - Douglas County's roadways: 56.0 Pavement Condition Index
 - Lyon County: In development of obtaining this data
 - Reduce the amount of roadways in poor or very poor condition
 - 24 % of Carson City's roadways are poor or very poor
 - 14 % of Douglas County's roadways, within CAMPO, are poor or very poor
 - Have no structurally deficient bridge decks in the CAMPO boundary

Pavement Management System

7

- Pavement Management Software helps time pavement maintenance treatments
- Maximizes investment and the life of a roadway



Goal: Increase the Mobility and Reliability of the Transportation System for all Users

8

□ Objectives:

- Increase the number of ADA compliant transportation facilities
- Improve transit system efficiencies and accessibilities
- Maintain or improve travel times

Travel Times Performance Measure

Travel Times in Minutes between Metropolitan Planning Area Gateways		Year 2015	
From	To	AM	PM
U.S. Hwy 395 North (Carson City and Washoe County Line near Hobart Road)	U.S. Hwy 50 East (Near Chaves Road)	30.2	39.4
	U.S. Hwy 395 South (2000 feet south of Johnson Lane)	23.1	30.4
	U.S. Hwy 50 West (2.7 miles west of U.S. Hwy 395)	16.8	18.7
U.S. Hwy 50 East (Near Chaves Road)	U.S. Hwy 395 North (Carson City and Washoe County Line near Hobart Road)	35	33.6
	U.S. Hwy 395 South (2000 feet south of Johnson Lane)	48.2	53.6
	U.S. Hwy 50 West (2.7 miles west of U.S. Hwy 395)	41.9	41.9
U.S. Hwy 395 South (2000 feet south of Johnson Lane)	U.S. Hwy 395 North (Carson City and Washoe County Line near Hobart Road)	26.4	26.4
	U.S. Hwy 50 East (Near Chaves Road)	46.6	55.2
	U.S. Hwy 50 West (2.7 miles west of U.S. Hwy 395)	16.1	15.3
U.S. Hwy 50 West (2.7 miles west of U.S. Hwy 395)	U.S. Hwy 395 North (Carson City and Washoe County Line near Hobart Road)	17.3	18.5
	U.S. Hwy 50 East (Near Chaves Road)	37.5	47.3
	U.S. Hwy 395 South (2000 feet south of Johnson Lane)	13.3	19.1

Goal : Maintain and Develop a Transportation System that Supports Economic Vitality

10

□ Objectives:

- Improve travel times on major truck routes during peak hours (Highway 50 and I-580)
- Foster quality of life in the CAMPO boundary by increasing transportation choices and access to transportation services for all users – measured by the percentage of Objectives/Targets met

Goal: Provide an Integrated Transportation System

11

□ Objectives:

- Accommodate additional modes of transportation on existing transportation facilities
 - Number of Complete Street Projects
 - Miles of bicycle lanes added
 - Miles of sidewalks added
 - Miles of shared use paths added

What is Next

- Staff has presented the draft plan and has opened the 30 day public comment period
- During the 30 day public comment period, staff will track and record comments
- Staff is anticipating bringing a final version of the plan for approval to the August CAMPO meeting

Significant changes on the Horizon

13

- Completion of the Carson City Freeway to Spooner Junction
- Completion of USA Parkway – connection to the Tahoe Reno Industrial Complex
- Completion of the Carson City Downtown Complete Streets Project

Update the 2040 Regional Transportation Plan in 3 to 4 years