



Department of Transportation

# New Transportation Performance Measures

Transportation Advisory Commission

May 22, 2014





# New Measures Timeline

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Draft  
Measures

- **Transportation Advisory Commission (Feb./Mar 2014)**
- **Municipal Services Committee (March 25, 2014)**
- **Community Meeting (March 26, 2014)**
- **Planning Commission (April 9, 2014)**

Proposed  
Measures

- **Transportation Advisory Commission (May 2014)**
- **Planning Commission (June 2014)**
- **Community Meeting (June 2014)**
- **Special Transportation Advisory Commission (Mid-June 2014)**
- **Municipal Services Committee (June 2014)**

Measures  
Adopted

- **City Council Adoption (June 2014)**



# Transportation Performance Measures

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The Mobility Element is focused on three main policy objectives, as refined from the 2004 General Plan and extensive community input:

- Enhance livability
- Encourage walking, biking, transit, and other alternatives to motor vehicles
- Create a supportive climate for economic viability



# Current Thresholds

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- Intersection volume to capacity ratios and Level of Service (LOS) are the primary measures.
- Volume-based analysis of change in traffic on street segments to assess impact.



# What's right with the present system?

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- Familiar
- Responds to many people's "hot button" issues
- Established basis for funding and mitigation
- Syncs up with other agencies



## Why consider changes to the present system?

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- Can't effectively evaluate some options
- Not-so-good reflection of people's real experiences
- May be producing unintended consequences
- Not well-aligned with adopted policies



# Transportation Performance Measures

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## Goals for the New Performance Measures:

- The new measures need to decrease the emphasis on the efficiency of auto travel relative to other modes.
- Need to address the manner in which people use and experience the transportation system.



# A new set of performance measures could

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- Retain some current measures
- Emphasize quality of travel experience by all modes
- Elevate safety, livability and sustainability
- Reflect interactions between land use, community character and transportation system





# Transportation Performance Measures

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## **Three Proposed Measures of Significance**

1. Vehicle Miles Traveled Per Capita
2. Vehicle Trips Per Capita
3. Auto Level of Service – Outside High Ped. Areas

## **Four Proposed Measures for Disclosure**

1. Corridor Travel Times – Plan Level Analysis
2. Prox. & Quality of Bike Facilities
3. Prox. & Quality of Transit Facilities
4. Pedestrian Accessibility & Quality



# Transportation Performance Measures

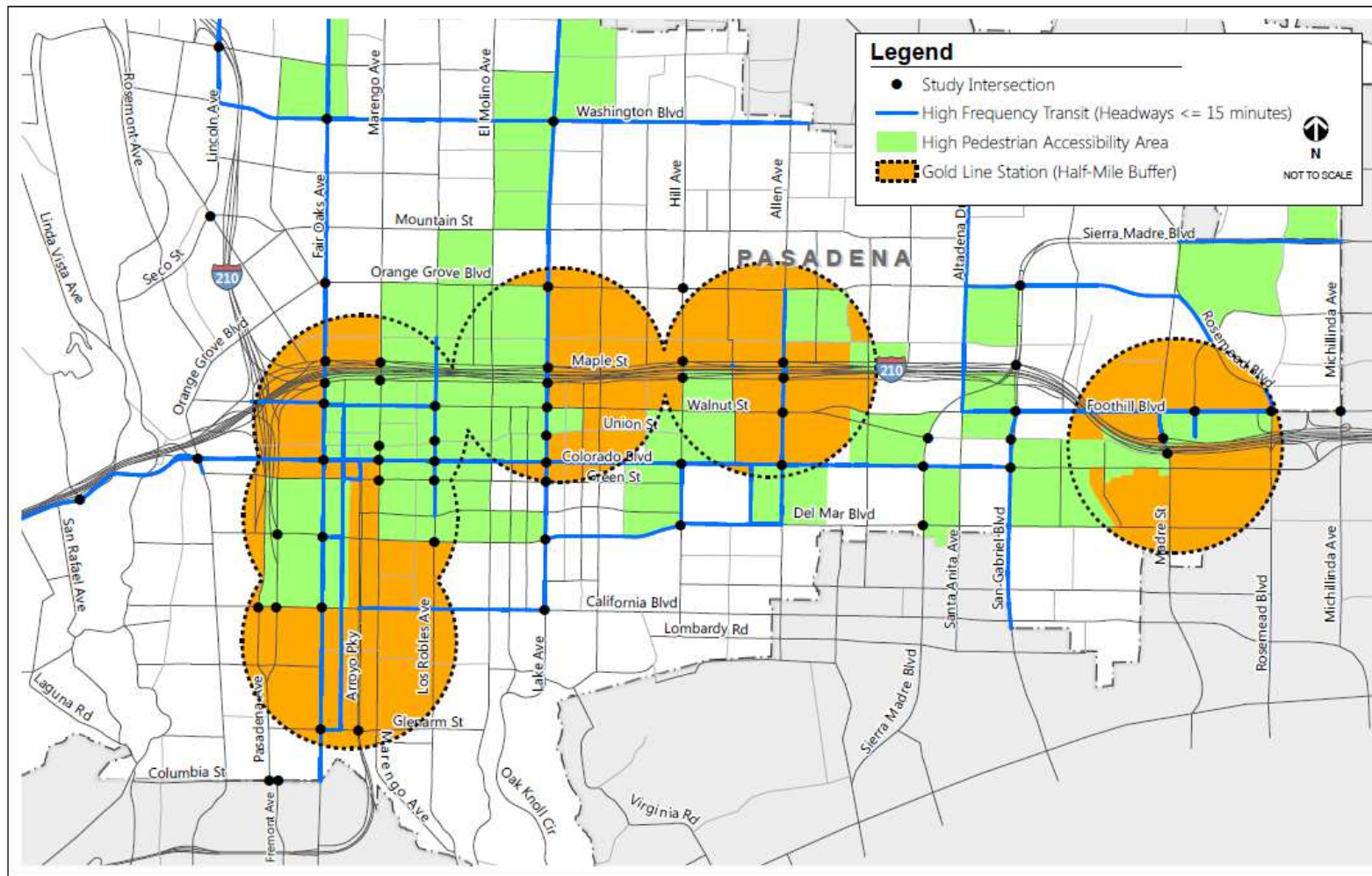
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| Metric               | 2035           |
|----------------------|----------------|
| Population           | 164,459        |
| Employment           | 151,488        |
| <b>Pop &amp; Emp</b> | <b>315,947</b> |
| VMT (City)           | 6,770,156      |
| VT (City)            | 779,859        |
| <b>VMT/Capita</b>    | <b>21.4</b>    |
| <b>VT/Capita</b>     | <b>2.5</b>     |
| VMT/VT               | 8.7            |



# Transportation Performance Measures

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Not to Scale

FEHR PEERS

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HIGH PEDESTRIAN ACCESSIBILITY AREAS, GOLD LINE STATIONS,  
HIGH FREQUENCY TRANSIT, AND STUDY INTERSECTIONS



FIGURE 1