

Added Capacity HOT Scenario

A radial corridor connecting suburban communities with a downtown employment center is experiencing rapid development and growing congestion. There is no immediate funding for expansion of the facility. One response that has been proposed is to add one HOT lane in each direction. The area has a fairly long history of tolling.

General Purpose Lanes

- **Facility Characteristics**

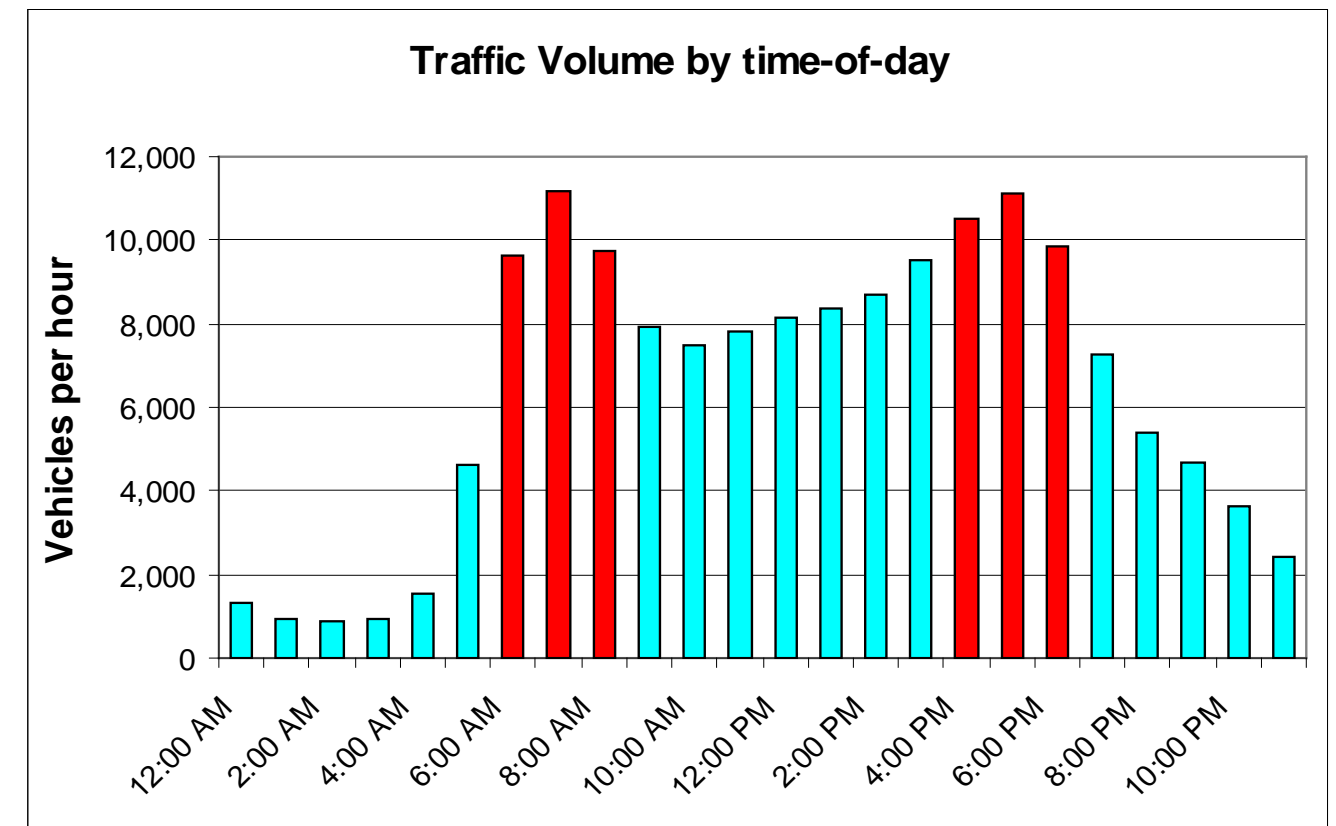
- Length: 15 miles
- 6 lanes with full shoulders
- 165,000 AADT and growing
- Peak period speeds as low as 30mph

- **Competing Facilities**

- Arterial serves suburban community at the end of the study corridor
- Nearby radial freeway to be expanded in the near future

- **Transit**

- Serves entire corridor
- 2 Park and Ride lots





Competing Radial Freeway
 Currently 4 lanes, very congested, to be expanded to 6 lanes in the future

Suburban Community
 Population 40,000
 \$40k median income
 40% minorities
 1.3 autos per household

Transit Service
 Peak TT: 15-20 min  Peak TT: 25-30 min

Suburban Community
 Population 20,000
 \$75k median income
 20% minorities
 1.9 autos per household

Freeway Travel Time to Downtown
 GPL Peak: 12-16 min

Freeway Travel Time to Downtown
 GPL Peak: 20-30 min

Radial Freeway
 6 lanes
 Length: 15 miles
 165,000 AADT

Competing Arterial
 Length: 20 miles
 Peak TT: 25-45 min



Total Traveled Population: 200,000
 \$50k median income
 30% minorities
 1.5 autos per household

