

**CHALLENGES - US 50 CORRIDOR**

- Future residential and commercial development ✓
- Increasing truck traffic ✓ 99, 5
  - Due to aggregate pits
- Jobs/housing imbalance ✓
- TOD developments ✓
- US 50 capacity improvements are limited ✓ *completion of 99*
- Signals on US 50 in Placerville ✓ *signals on 99*
- Congestion
  - Camino access to US 50 *Hazel, Sunrise, Watt, Howe*
  - El Dorado Hills Blvd/US 50
  - End of HOV lanes on US 50 (affects transit, carpools)
  - SR 49/US 50
  - On light rail trains and El Dorado Transit commuter buses ✓ *E-train full*
- Lack of parallel capacity - *all corridors (+ existing are full) + neighborhood impacts*
- No capacity for expanded Park & Ride
  - in El Dorado County
- Lack of adequate river crossings ✓ *Am. River (S1)*
- Bike/ped/transit access ✓ *Am. River (S1) when Discovery Park flooded*
  - across US 50 *all ways!!*
- No alternative fueling facilities for transit
  - in El Dorado County
- Inflexible work schedules ✓
- Peak hour design of corridor
- Maintaining existing infrastructure ✓
- Sensitive resources ✓ *housing*
- Air Quality ✓
- Conflicting jurisdictional interests ✓
- Limited funding for robust transit ✓
- Funding instability ✓
- Lack of flexible funding ✓

✓ = I-80/SR51    ✓ = I-5/SR99

**LOCAL MANAGEMENT STRATEGIES - US 50 CORRIDOR**

- El Dorado County CIP projects ✓
- 50 Corridor Fiber Optic Group project
- STARNET projects ✓
- Traffic Management Centers (TMCs)
  - Sacramento County/Rancho Cordova/Folsom (+cameras)
  - El Dorado
  - ITS Master Plan - City of Sacramento, City of Elk Grove
- US 50 signal coordination in Placerville
- Express commuter buses
  - El Dorado to Rancho Cordova
- 50 Transportation Management Association
- Regional Rideshare Program ✓
- SACOG 511 ✓
- CMIA HOV lanes
  - on US 50 - east in El Dorado, west in Sacramento
- Rancho Cordova General Plan jobs/housing balance
- Folsom General Plan jobs/housing balance
- Exploring BRT lanes on Sunrise, Watt, Easton Valley
- Jurisdictional coordination
- Universal fare cards project *(in development)*

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**MICRO-SIM VARIABLES FOR ALTERNATIVES - US 50 CORRIDOR**

- An increase in light rail to 15-minute headways during commute hours
- An increase in light rail to 6-minute headways during commute hours *7.5 min.*
- Flexible work hours
- Regional Transit light rail grade separations (if possible) ✓
- Improvements to existing or new parallel capacity
- Bus Rapid Transit
  - on Easton (between Hazel & Scott)
- Expansion of HOV lanes
  - on US 50 to Downtown Sacramento

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**VISIONARY PROJECTS - US 50 CORRIDOR**

- US 50 Placerville Ultimate (plan for no signals on US 50)
- Parallel capacity from Silva Valley Road to Ponderosa Road in El Dorado County
- Elk Grove/Rancho Cordova/El Dorado Connector
- River crossings ✓✓
- Conversion of some arterials from 6 lanes to 4 lanes in Sacramento County (accompanied by Bus Rapid Transit)
- Bike route such as cross-state bike route
- Perfect road maintenance
- Additional commuter transit service

✓ = I-80/SR51    ✓ = I-5/SR99

