6. Approach & Methodology for Gateway SCS
SCAG Sustainability Tool Used for Land Use Analysis

STEP 3 MONITOR INDICATORS ON-THE-FLY

Compare the Scenarios and Monitor the Impact of Land Use Decisions in Real Time
7. Results Developed to Date
Submitted Transportation Projects
7. Results Developed to Date
Submitted Transportation Projects by Type

- Intersection Improvement: 126
- Bike/Pedestrian: 67
- System Operations: 34
- Capacity Expansion: 2
- Park-and-Ride: 68
- RR Grade Separation: 3

Intersection Improvement
- Bike/Pedestrian
- System Operations
- Capacity Expansion
- Park-and-Ride
- RR Grade Separation
7. Results Developed to Date

Overall Reduction per Project by Type (tons)

- Capacity Expansion: 3,527 tons
- Int Imp (New Capacity): 1.33 tons
- Int Imp (New Phase): 42 tons
- Int Imp (New Signal): 442 tons
- Park-and-Ride: 80 tons
- RR Grade Separation: 482 tons
- System Operations: 0.31 tons
7. Results Developed to Date
Preliminary Results City of La Mirada Default Scenarios

2008 2020 2035
7. Results Developed to Date
GHG Emissions per Household for La Mirada

Tons per Household

- 2008: 0.0226
- 2020: 0.0221 (down by 1.8%)
- 2035: 0.0224 (down by 0.7%)
7. Results Developed to Date
Preliminary Results for Cerritos TDM Activities

- Shuttles
- Bus pass program
- Transit marketing and street furniture
- Employee trip reduction program
- TDM ordinance
  - Preferential parking for vanpools
  - Bike racks
  - Carpool and vanpool loading areas
7. Results Developed to Date
Preliminary Results for Long Beach TDM Activities

- Employee bus pass program

- Safe routes to school

- Bike initiatives
  - Bike station
  - Bike safety and awareness
  - Bike friendly districts

- TDM ordinance
  - 25,000 sq. ft. non-residential and larger
  - Douglas Park TDM requirement for 20% pm peak reduction
  - 3.75 million sq ft office; GHG reductions could be significant
7. Next Steps
Continuing Involvement in SCS Process

Please offer any input/suggestions to COG staff

- Nancy Pfeffer, Director of Regional Planning, nancy@networkpa.net

Public Workshops Scheduled

- April 26 (Tues) – Cerritos
- May 3 (Tues) – Long Beach
- May 9 (Mon) – Pico Rivera
- May 12 (Thurs) – Commerce

COG Board Meetings first Wednesday of each month
Questions & Answers
5. Current Understanding of GHG Reduction Strategies

*Land Use and Smart Growth*

**Federal**
- Planning guidelines and incentives

**State**
- Regional visioning/planning
- Urban growth boundaries

**SCAG Region**
- Growth management incentives
- Supportive transportation infrastructure

**LA County**
- Redevelopment
- Zoning ordinances, reviews
- Impact fees
- Planning Standards, development approval
- 4 D’s: Density, Diversity, Design, & Destination
- Density bonuses
5. Current Understanding of GHG Reduction Strategies

Public Transportation Improvement

- **Federal**
  - FTA New Starts/Small Starts, TIGER I/II
  - Performance requirements

- **State**
  - Investment / incentives, high-speed rail

- **SCAG Region**
  - Performance requirements
  - Rapid bus, Metro rail / high-speed rail, Metrolink, BRT/light rail service expansion
  - Reduced transfer times, transit centers, traveler information, marketing

- **LA County**
  - Fare subsidy programs
  - Increased level of service, bus transit priority
  - Bus stop amenity improvements
  - New connector/circulator services
5. Current Understanding of GHG Reduction Strategies

*Traffic Ops / Management / ITS*

- **Federal**
  - Reauthorization, TIGER I/II
  - Performance requirements
- **State**
  - Vehicle infrastructure integration (VII)
- **SCAG Region**
  - Eco-driving training
  - Vehicle infrastructure integration (VII)
  - Variable message signage
- **LA County**
  - Traveler information (511)
  - Information Exchange Network/TMCs
  - Variable message signage/illumination
  - Ramp metering
  - Smart Street operation standards
  - Freeway Service Patrol expansion
  - Adaptive Traffic Control System
- **Gateway Subregion**
  - Arterial management / signal synchronization
- **Local**
5. Current Understanding of GHG Reduction Strategies

**System Capacity / Bottleneck Relief**

- Federal
  - Reauthorization, TIGER I/II
- State
  - Bottleneck relief projects
  - Capacity expansion projects
  - LRTP – corridor congestion relief strategy
  - Transportation Improvement Program
  - Corridor Improvement Plans (I-710, I-605)
- SCAG Region
- LA County
- Gateway Subregion
- Local
  - CMF-Funded Projects
  - Capital Improvement Plans –
    Interchange upgrades, grade separations, arterial intersection improvements, new arterials
5. Current Understanding of GHG Reduction Strategies

**Pricing**

- Federal
  - VMT fees
  - Motor fuel tax or carbon price
- State
  - PAYD Insurance
  - Registration fees
- SCAG Region
  - Intercity tolls
- LA County
  - Congestion pricing/HOT lanes
- Gateway Subregion
  - Cordon pricing
- Local
  - Parking pricing