As traditional revenues decline, agencies must find new ways to maximize efficiency from existing facilities and future investments.

LA County has the most extensive system HOV facilities in the Country with over 485 lane miles.

Federal government has notified Caltrans that some HOV facilities have become degraded. Without changes, Caltrans and local agencies risk loss of federal transportation funds.
HOT Lanes in the U.S.

Map Credit: Chicago Metropolitan Agency for Planning
Program Overview

• 1st HOT Lanes in LA County

• Goal: Move More People, Not More Vehicles

• $290 Million Program Budget ($210 M Federal Grant)
  > Multimodal Improvements
Baseline for Evaluation

• Congestion Reduction – increase capacity 5-10%
  – Increase Travel Speeds, Reduce Travel Times & Improve Reliability
  – Increase in Transit Ridership – goal of 5%
  – Formation of New Vanpools – goal of 100

• Sustainability – environment, economy, and social equity
  – Reduce GHG – minimum average speeds of 45 mph during peak
  – Financially Sustainable – generate net toll revenue of $8-$10 Million
  – Ensure Access, regardless of income - Equity Plan enrollment

• Public Acceptance of Tolling
  – FasTrak® Adoption – goal of 100,000 transponders/76,923 accounts
  – Survey Responses – goal of majority favorable opinion
Preliminary Results

Introducing Metro Express Lanes

LEFT

FasTrak

ONLY

EXPRESS LANES

ENTRANCE 1/2 MILE

Metro
Data as of November 30, 2013

**TOTAL VEHICLE TRIPS** 23,320,548

**PRELIMINARY TOLL REVENUE** $26,664,678

**FASTRAK® ACCOUNTS** 191,812

**TRANSPONDERS ISSUED** 237,259

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**PEAK DIRECTION**

**AVERAGE TOLL (AM PEAK 5-9AM)**

- **I-110**
  - (11 MILE TRIP)
  - $7.05
  - ($0.64/mile)

- **I-10**
  - (14 MILE TRIP)
  - $4.90
  - ($0.35/mile)

**AVERAGE TRAVEL SPEEDS (AM PEAK 5-9AM)**

- **I-110**
  - ExpressLanes: 59.5 mph
  - General Purpose Lanes: 40.5 mph

- **I-10**
  - ExpressLanes: 65.2 mph
  - General Purpose Lanes: 44.4 mph

---

**Mode Split**

- SOV: 43%
- HOV 2+: 57%
Congestion Reduction

• Average Travel Speeds during Peak Period (HOV):
  \[ \uparrow 5.2 \text{ mph for the 110} \]
  \[ \uparrow 16.4 \text{ mph for the 10} \]

• Average Travel Times during Peak Period (MF):
  \[ \downarrow 6 \text{ minutes for the 110 and 10} \]

• Average Travel Time Savings during Peak Period (Toll Payers):
  30 minutes per trip
Transit Ridership Increased

**TRANSIT (Nov 2012 – Nov 2013)**
- 9,439,409 boardings
  - (8.7% increase)

**98 NEW VANPOOLS FORMED**

**Metro Silver Line Ridership**
- (Jun 2011 – Nov 2013): 104% Increase
Sustainability

- Environment
  Average Speeds Above 45 mph 90% of the time during peak period – *the optimal speed for reduced emissions*
  Solar panels & LED lights installed at Stations
  Pedestrian & Bicycle Improvements
  El Monte Station LEED Gold Certified

- Economy - **Net Toll Revenues Estimate of $16-$19 Million**

- Social Equity
  4,227 LA County Households Enrolled in Equity Plan
  57.8% of trips occur during peak period
Total Accounts Opened as of June 2013 by Household Income Bracket Illustrates Access to ExpressLanes by All Income Levels

- Less than $35,000: 8.4%
- $35,000 to $49,999: 19.9%
- $50,000 to $74,999: 36.0%
- $75,000 to $99,999: 21.4%
- $100,000 to $149,999: 11.9%
- $150,000 or more: 2.3%

Metro FasTrak Account Holders (as of June 30, 2013) and LA County Households by Household Income Bracket

<table>
<thead>
<tr>
<th>Income Bracket</th>
<th>Account Holders</th>
<th>L.A. County Households</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $35,000</td>
<td>8.4%</td>
<td>32.0%</td>
</tr>
<tr>
<td>$35,000 to $49,999</td>
<td>19.9%</td>
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</tr>
<tr>
<td>$50,000 to $74,999</td>
<td>17.4%</td>
<td>12.8%</td>
</tr>
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<td>$75,000 to $99,999</td>
<td>21.4%</td>
<td>17.4%</td>
</tr>
<tr>
<td>$100,000 to $149,999</td>
<td>12.0%</td>
<td>11.9%</td>
</tr>
<tr>
<td>$150,000 or more</td>
<td>2.3%</td>
<td>13.6%</td>
</tr>
</tbody>
</table>

(Note: Data for Account Holders does not include Avg Wkday Transit Ridership of 26,290)
Cumulative Issuance of Transponders

- **Pre-Launch**: 18,273
- **Nov 11-Nov 30**: 50,123
- **Dec-12**: 71,634
- **Jan-13**: 87,616
- **Feb-13**: 109,326
- **Mar-13**: 134,335
- **Apr-13**: 152,935
- **May-13**: 167,907
- **Jun-13**: 181,049
- **Jul-13**: 193,046
- **Aug-13**: 206,392
- **Sep-13**: 217,530
- **Oct-13**: 228,193
55.1% of accounts are from the top 15 cities: Los Angeles (49,410), Torrance (8,489), Long Beach (5,694), Redondo Beach (5,137), Pasadena (4,868), West Covina (4,844), Manhattan Beach (4,742), Glendale (4,598), Rancho Palos Verdes (3,271), Carson (3,187), Hawthorne (2,466), Gardena (2,397), Arcadia (2,266), Alhambra (2,257), Hermosa Beach (2,130).
> 99.7% of Accounts are within California

> 11% Non-LA County Zip Codes

> 89% LA County

> 20% of accounts are from City of LA
Customer Feedback

Primary Reason for getting a Transponder?
- Work: 47%
- School: 2%
- Faster access to other freeways: 31%
- Upgrade my existing transponder to a switchable FasTrak: 3%
- Other: 6%

Greatest Benefit of ExpressLanes?
- Convenience: 71%
- Reliability: 3%
- Solo Driver Access: 19%
- Time-Saving: 6%
- Other: 1%

Rate your Overall Experience
- Excellent: 46%
- Good: 40%
- Average: 11%
- Poor: 3%

Would you Recommend to Friends & Family?
- Yes: 81%
- No: 3%
- Maybe: 16%
- Other: 3%
Online Survey (August 2013)

What Could Metro ExpressLanes Do To Improve Your Experience?

- Transponder/Design/Detection: 3%
- Toll Amount: 11%
- Signage: 3%
- No Improvement: 28%
- Misc: 3%
- Maintenance Fee: 5%
- Lane Maintenance: 0.03%
- Lane Improvement: 3%
- Expand/Continue Program: 22%
- Entry Exit Points: 7%
- Enforcement: 2%
- Eliminate Transponder Requirement: 1%
- Eliminate Program: 1%
- Discount/Incentive: 0.05%
- Customer Service: 7%
- Change Minimum Occupancy: 1%
- Alternative Vehicles: 1%
Metro ExpressLanes Benefits

- Time savings of up to 30 minutes each way
- Carpool Loyalty Program
- Equity Plan
- Toll Credit for Frequent Transit Trips
Reinvestment Principles

• Reinvestments in the corridor must provide a direct benefit to reducing congestion on the 110 and 10

• Establish a Reserve Fund

• Set Aside for Social Equity

• Allocation Targets

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Set-Asides

$5,950,000*

Transit Operations

$5,000,000

Reserve Fund

$950,000

Reinvestment Allocation Targets

$13,050,000*

- Transit Improvements 40%
- Active Transportation/ System Connectivity 40%
- Highway Improvements 20%

*Based on Projected Toll Revenue
<table>
<thead>
<tr>
<th>Action/Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Approval of Application Package</td>
<td>February 27, 2014</td>
</tr>
<tr>
<td>Distribution of Application Package</td>
<td>March 12, 2014</td>
</tr>
<tr>
<td>Applicant Workshops</td>
<td>March 25 &amp; 27, 2014</td>
</tr>
<tr>
<td>Deadline for Grant Submissions</td>
<td>May 30, 2014</td>
</tr>
<tr>
<td>Presentation of Projects to CAGs</td>
<td>June 27 &amp; 30, 2014</td>
</tr>
<tr>
<td>Recommendations to Metro Board</td>
<td>July 24, 2014</td>
</tr>
<tr>
<td>Allocation of Funds</td>
<td>September 30, 2014</td>
</tr>
<tr>
<td>Monitoring of Grantee/Evaluation Program</td>
<td>October 1, 2014</td>
</tr>
</tbody>
</table>
Recent Actions/Next Steps

- Metro Board Adopted Principles to Guide Legislative Advocacy – January 2014
- Completed Formal Pilot Program – February 2014
- Effective February 24th, CNG/Electric Vehicles (Green & White stickers) travel toll-free (annual cost of $600,000)
- Public Hearings/Receive Public Input – March/April 2014
- Grant applications distributed and workshops – March 2014
- Metro Board Considers Program Future – April 2014
- Final Evaluation Report (FHWA) – Fall 2014
- Approval Required by CA State Legislature – Fall 2014
Submit Comments by April 7, 2014

MAIL:
Metro
Congestion Reduction Demonstration
One Gateway Plaza- MS 99-25-1
Los Angeles, CA 90012

EMAIL:
expresslanes@metro.net
Please enter “It’s About Time” in the subject line