

Transitions: *Working with Metro*



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**SAME – OC Monthly Meeting
Cypress, CA
March 28, 2013**

Agenda

- **Speaker's Background**
- **Metro's Opportunities**
- **Transitions: Working with Metro**
- **Thoughts on Being a Young Professional**
- **Q & A**



Speaker's Background

- **Transportation Planner – B.S. Planning + M.S Transportation Management**
- **8 yrs professional experience (4 private + 4 public)**
- **Project Manager for Metro's Highway Program**



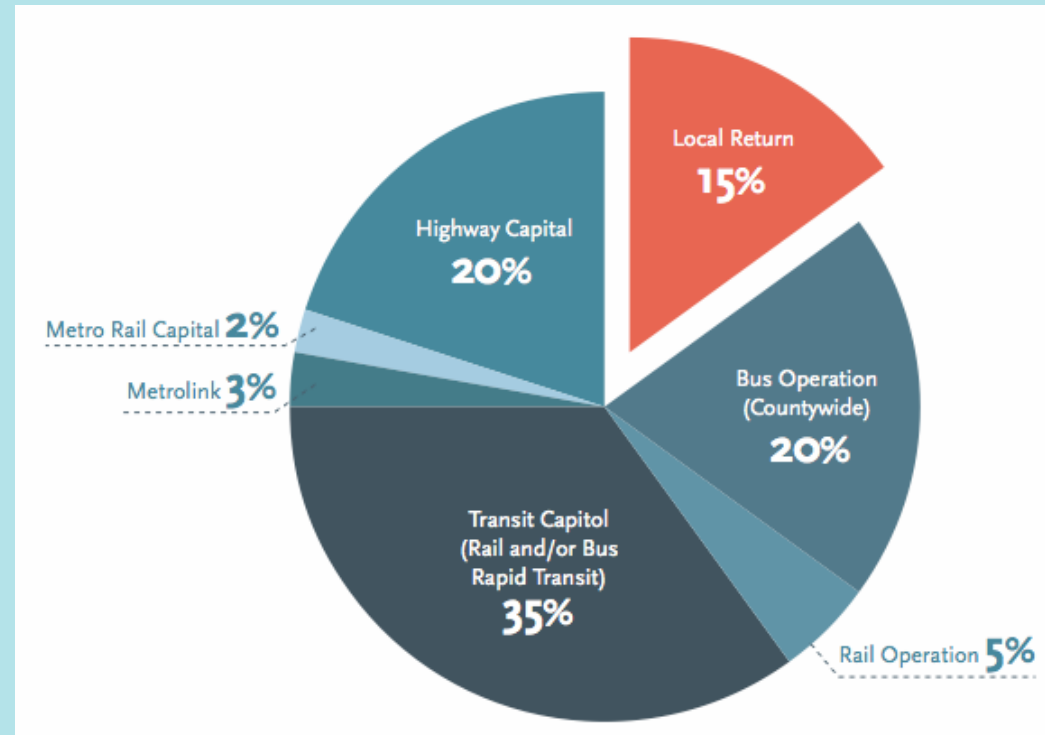
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- **Regional Transportation Planner & Coordinator (all modes)**
- **Planner/Designer/Builder (Transit/Rail)**
- **Operator (Transit/Rail)**
- **Program Manager (Highways)**
- **Grant Administrator (all modes)**



What is Measure R?

- Half-cent sales tax approved in November 2008
- Projected to generate \$40 billion over next 30 years
- 40% to Transit Capital (new, Metrolink and Rehab)
- 20% Highway Capital



Measure R Projects



Measure R Projects

Project Names

Rail and Rapid Transit Expansion

- R1 Exposition Transit Corridor Phase 2
- R2 Crenshaw/LAX Transit Corridor
- R3 Regional Connector: Links Local Rail Lines
- R4 Westside Subway Extension of the Metro Purple Line (to be opened in segments)
- R5 Eastside Transit Corridor Phase 2 (one of two routes TBD)
- R6 Gold Line Foothill Extension
- R7 South Bay Metro Green Line Extension
- R8 Airport Metro Connector
- R9 East San Fernando Valley Transit Corridor
- R10 West Santa Ana Branch Corridor*
- R11 Sepulveda Pass Corridor

* Specific routing and funding to be determined through the environmental process and Metro's Long Range Transportation Plan

Highway Improvements

- H1 I-5 Capacity Enhancement: SR-134 to SR-170
- H2 I-5 Capacity Enhancement: I-605 to Orange County Line
- H3 I-5/Carmenita Rd Interchange Improvement
- H4 I-405 Improvement Project
- H5 I-405, I-110, I-105 and SR-91 Ramp and Interchange Improvements: South Bay*
- H6 I-5 North Capacity Enhancements: SR-14 to Kern County Line (Truck Lanes)(Phase 1)
- H6 I-5 North Capacity Enhancements: SR-14 to Kern County Line (Phase 2)*
- H7 I-710 Corridor Project
- H8 SR-138 Capacity Enhancements*
- H9 High Desert Corridor (environmental)*
- H10 I-605 Corridor "Hot Spot" Interchanges*
- H11 Highway Operational Improvements in Arroyo Verdugo Subregion*
- H12 Highway Operational Improvements in Las Virgenes/Malibu Subregion*
- H13 SR-710 Study
- H14 Burlington Northern Santa Fe Grade Separations in Gateway Cities*
- H15 Alameda Corridor East Grade Separations Phase II*
- H16 SR-2 Terminus Improvement Project
- County-wide Soundwall Construction

Project Timelines



IN CONSTRUCTION / GOING TO CONSTRUCTION	OPEN YEAR
I-5 Carpool Lanes: SR-134 to SR-118	2014-16
I-10 Carpool Lanes: I-605 to Puente Av	2014
I-405 NB Carpool Lanes: I-10 to US-101	2014
I-5/SR-14: Carpool Lane Direct Connector	2014
I-5 North Capacity Enhancements - Phase I – from SR-14 to Pico Cyn	2014
I-5 Carpool Lanes & Mixed Flow Lanes: I-605 to Orange County Line	2017

Project Timelines



IN DESIGN / GOING TO DESIGN	OPEN YEAR
SR-138 Widening	2013-2020
I-5/Carmenita Rd Interchange Improvement	2015
I-10 Carpool Lanes: Puente Av to Citrus Av	2017
I-10 Carpool Lanes: Citrus Av to SR-57	2018
IN ENVIRONMENTAL	
High Desert Corridor	2014
I-710 South	2025
INITIAL PLANNING / PLANNING	
I-405, I-110, I-105 and SR-91 Ramp and Interchange Improvements (South Bay)	2014+
Highway Operational Improvements in Arroyo Verdugo Subregion	2014+
Highway Operational Improvements in Las Virgenes/Malibu Subregion	2014+
I-605 Hot Spots Projects	2017+
ARTI	2018

Project Timelines



IN CONSTRUCTION / GOING TO CONSTRUCTION	OPEN YEAR
Exposition LRT Phase II	2016
Gold Line Foothill Extension to Azusa	2017
Regional Connector	2020
IN DESIGN/ GOING TO DESIGN	
Crenshaw/LAX Transit Corridor	2019
San Fernando Valley East: North-South Rapidways	2018
Westside Subway Extension Segment 1 (to La Cienega)	2022
Gold Line Foothill Extension to Claremont	TBD

Project Timelines



• Transit Corridor Projects Opening Beyond 2019

- Westside Subway Extension Segments 2 & 3 (to Century City & Westwood)
- Metro Green Line Extension to LAX
- South Bay Metro Green Line Extension (Redondo Beach to South Bay Corridor)
- Metro Gold Line Eastside Extension Phase II
- San Fernando Valley I-405 Corridor Connection
- West Santa Ana Branch ROW Corridor
- High Speed Rail (Palmdale & Inland Empire Corridors)

Public Private Partnerships

- **Permitted by law: Street and Highways Code Section 143**
- **A private firm would be hired to design, finance, build, operate, and maintain the lanes**
- **Accelerated delivery to the public**
- **Price certainty and fiscal discipline**
- **Beneficial risk sharing with private contractors;**
and
- **Project lifecycle efficiencies**

Public Private Partnerships

- I-710 South (\$3.2B)
- I-710 North (\$5.4B)
- ARTI (\$700M)
- HDC (\$3B)
- Sepulveda Pass (\$?)

Metro Opportunities

- Planning
- Architecture / Design
- Engineering
- Environmental
- Contracts / Law
- Operations / Maintenance
- Real Estate
- Construction
- Academia
- Policy / Governmental Relations
- Communications / Marketing
- Finances
- Equipment
- Logistics
- Business / Accounting
- Energy
- Management



Metro Opportunities

Near Term:

- Highway Bench Contract (April 2013), \$10M
- ARTI, RFQ (May 2013), \$700M
- I-710 Soundwall Design (Fall 2013), \$3M
- East SFV Transit Corridor Engineering/Design (Mid 2014)

Long Term:

- PPPs
- Various Rail Projects



Working with Metro

- **Disciplines**
 - **Engineering/design/ROW/PM-CM/construction**
- **Understanding the Context**
 - **Funding Sources**
 - **Contract Leads**
 - **Stakeholders Involved: (e.g. Metro, Caltrans, Cities, COGs)**
 - **Procurement Vehicles (On-call, Benches, CWO's)**



Resources

- Meet the Buyers: June 21, 2013
- DEOD <http://www.metro.net/about/deod/>
- Transportation Business Advisory Council (TBAC)
 - Meets every first Thurs of the Month at 9:30 a.m. at Metro
- How to do business with Metro
<http://www.metro.net/about/business/>

Key Contacts

- **Doug Failing, P.E., Executive Director, Highway Program**
- **K.N. Murthy, P.E., Executive Director, Transit Project Delivery**
- **Keith Compton, Manager, Business Outreach**



Being a Young Professional

Today's World

- **The knowledge economy**
- **Intrinsic vs. Material Motivators**
- **Embracing uncertainty**
- **The need to be additive**

Being a Young Professional

Good Hints

- **Be aware of, and become better than, your environment**
- **How can I do this better?**
- **10,000 hour rule**
- **Have a plan/Know your stuff**
- **Be Present, Be additive**
- **Ask for what you need**



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Questions?

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