Measure R

Tax Dollars at Work
Current Workload

Over 300 Projects

Program Value $36 Bil.

- Metro: 28.2
- Caltrans: 4.1
- Local: 3.7

Pie chart showing the distribution of projects by category.
Funding For Highway Projects

Numbers are rounded

$25.2 Bil. Needed

- $3.9 Bil. Measure R
- $1.6 Bil. Prop C
- $1.8 Bil. State
- $1.2 Bil. Federal
- $0.4 Bil. Local Match
- $0.5 Bil. Other

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Phases of Project Development Process

- Project Initiation Documents (PID)
- Project Approval/Environmental Document (PAED)
- Plans, Specifications, and Estimates (PS&E)
- Construction
High Desert Corridor

Project Summary

- In PAED phase
- 63 miles - Highway, Expressway, Tollway, High Speed Rail, Bikeway, and energy production and/or transmission corridor
- Connecting North Los Angeles County and San Bernardino County (Victorville)
- Transit connection between the CHSR and the XpressWest
- Secured Funds-$30 Million (Measure R)
- Estimated cost: $8.9 bil.

Status Update

- The Preferred Alternative selected in July 2015 - all components included.
- Final EIR/EIS in early 2016
High Desert Corridor

Future Ultimate Freeway/High-Speed Rail Alternative—Typical Section

- Limits of Green Energy Corridor
- Westbound: 10', 4 lanes at 12' each, 10', 16', 4' structure buffer (var)
- Central: 100 TYP, walkway
- Eastbound: 10', 48', 10', 16', 4' structure buffer (var)
- Corridor limit

Minimum 279
Edge of shoulder to edge of shoulder
300 - 500 proposed right of way

Califonia HDC

Metro
Northwest SR-138

Project Summary

• Project Approval/Environmental Document (PA/ED) in progress
• 36 miles from Interstate 5 to State Route 14
• Freeway/Expressway/conventional highway
• $25M Measure R through PAED
• Funding for subsequent phases needs to be determined
• Estimated Project Cost: $700+ Million

Status Update

• Final EIR/EIS approval in early 2017
Northwest SR-138

Alternatives Studied

1. 6 Lane Divided Freeway/Expressway
2. 4 Lane Divided Expressway
3. 4 Lane Limited Access Conventional Highway
4. 2 Lane (Shoulder Widening) Conventional Highway
I-5 North HOV (HOT) Lanes

Project Summary

• Widening and HOV lanes from SR-14 interchange to Parker Road
• Potential construction as or conversion to HOT lanes
• Modification of 8 bridges, extension of truck lanes, pavement rehabilitation, auxiliary lanes between interchanges, and installing a new fiber network

Status Update

• Final design contract in Procurement – Award by May 2016
  2.5 - years
State Route 710

**Project Summary**
- $780M in Measure R funds
- In Environmental phase
- Preliminary Cost Estimate: $130 million
- 5 Alternatives Under Study:
  - No Build Alternative
  - Transportation System Management/Transportation Demand Management (TSM/TDM)
  - Bus Rapid Transit
  - Freeway Tunnel
  - Light Rail Transit Alternative

**Status Update**
- Comment period ended in early August
- Final EIR/Approval in early 2018

Study Area
I-710 South

**Project Summary**

- 18 miles between the Ports of Long Beach and Los Angeles and the SR-60
- Alternatives being pursued:
  - 5C: One lane + other upgrading
  - 7: 5C + 4-lane freight corridor
- Estimated High Cost: $8 billion
- Project funded through PAED phase
- Includes “Early Action” Projects

**Status Update**

- Final EIR/EIS: November 2017
I-605 “Hot Spots”

Project Summary

• 2012 Feasibility Study
• Identified congestion hot spots along I-5, SR-91, I-605, and I-405
• Freeway widening/additional lanes, ramp reconfigurations, arterial intersection enhancements, signage, and safety features
• Project Initiation Documents (PID) and Project Approval/Environmental Documents (PAED) in progress for various projects.
• Estimated total cost of projects in the corridor: $6+ billion

Status Update

• Various projects upcoming and in progress
I-605/I-5 Interchange

- PAED contract was awarded in December 2015
- 4-year study to be completed by Summer 2019
- Estimated Construction Cost: $1.2 billion
- Next step:
  - PAED and PS&E for smaller scale projects
I-605/SR-91 Interchange

- PAED for Westbound SR-91 improvements between Shoemaker and I-605 in Procurement.
- Next steps:
  - Award PAED by May 2016
  - PS&E
  - Possible PAED for the remainder of the interchange – RFP in 2016
- Estimated Construction Cost: $100+ Million
I-605/SR-60 Interchange

- PSR-PDS Completed in 2015
- PAED RFP released in 2016
- 3 - 4 Yr. Study Anticipated
- Next Step:
  - PAED and PS&E for smaller scale projects
- Estimated Construction Cost: $1+ Bil.
I-710/SR-91 Interchange

- PSR-PDS Contract Awarded in November 2015
- 15-month study period
- Estimated Construction Cost: $430 mil.
I-605/I-405 Interchange

- Concept:
  - Add 2 lanes on I-405
  - Improvements to local interchanges
  - Feasibility study completed

- Next Step:
  - PSR-PDS
  - Date TBD

- Estimated Construction Cost:
  $580+ Million
I-605 Corridor Arterial Improvements

- ___ locations Identified
- 10 locations studied under various contracts
- ____ locations to be evaluated under the I-605/I-5 PAED
- ____ locations to be evaluated under the I-710-SR-91 PSR-PDS
- PSR-PDS and PAEDs by Metro
- Some PS&Es by Metro – Others by local agencies
- All local project construction by Local agencies
SR-71 Improvements

- Phase 1: Upgrade from 4-lane expressway to 8-lane freeway from Mission to SR-60
- Phase 2: Improvements between Mission Blvd. and I-10
- Estimated Construction Cost: $340+ Million
In the Works

- Widening and HOV Lanes
  - Interstate 5
  - Interstate 10
  - Interstate 710

- Early Action Projects
  - Interstate 138

- Widening
  - Interstate 5
  - Interstate 14

- Direct HOV Connector (completed)

[Image: Diagram showing various highway signs with project notes]
Local Projects

- Subregional Highway Operational Improvement Projects
- I-605 Arterial Improvement Projects
  - Roadway widening/Improvements
  - Traffic signal Synchronization/updating
  - Bicycle lanes
  - local interchange improvements
  - Bridge Improvements
  - Soundwalls
For more information on Metro Highway Program Projects, Please visit:

https://www.metro.net/projects/category/interstate_projects/
**IN THE WORKS**

**Transit, Highway and Capital Acquisitions Costs**

**TOTAL COST $14B**

### Metro Transit Projects
- **Gold Line Foothill Extension**
  - Metro Share: $851M
- **Exposition Line Phase 2**
  - Metro Share: $1.3B
- **Regional Connector**
  - Metro Share: $1.4B
- **Purple Line Extension Segment 1**
  - Metro Share: $2.8B
- **Crenshaw/LAX Transit Project**
  - Metro Share: $2B

**Total = $8.5B**

### Metro in Cooperation with Caltrans
- **I-5 (all projects under construction)**
  - Metro Share: $3.3B
- **I-10 (all projects under construction)**
  - Metro Share: $430M
- **SR-13B (all projects under construction)**
  - Metro Share: $460M
- **I-710 (all projects under construction)**
  - Metro Share: $160M

**Total = $4.3B**

### Metro Major Initiatives Capital Acquisitions
- **Bus Purchases**
  - Metro Share: $308M
- **Rail Purchases**
  - Metro Share: $739M
- **Blue Line Enhancements**
  - Metro Share: $446M
- **Division 13**
  - Metro Share: $120M

**Total = $1.2B**

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**Metro**

**DECEMBER 2014**