

Fiscal Year 2017 Program Management Annual Program Evaluation (APE)

Presentation Overview

- APE Purpose and Process
- Metro Capital Program Status
- Metro Capital Program Cost
- Adjustments for FY2017 APE
- Summary
- Next Steps



APE Purpose

- Annual evaluation of Metro's capital program
- Reporting to the Board any project budget and schedule changes, and reasons for the changes
- A project management tool bringing greater consistency, transparency, and discipline
- Facilitates financial planning



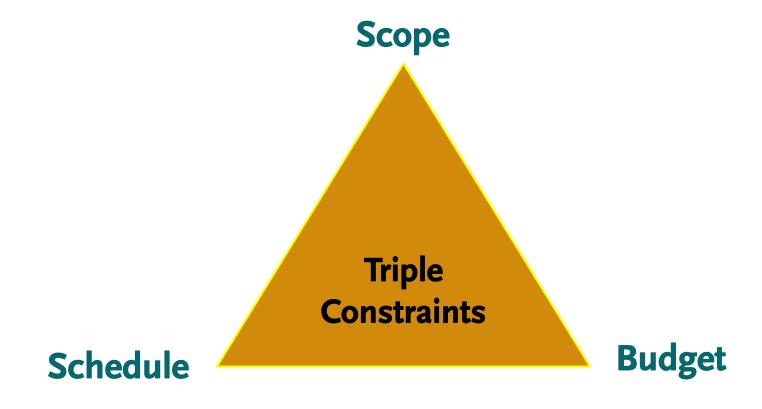
APE Process

- A review of project costs and schedule
- Update project capital cost estimates to current conditions, including price trends and changes
- Focus on budget to complete current project phase/milestone
- Include APE results in future fiscal year annual budget review and adoption by the Board



Project Management

One side of the triangle cannot be changed without affecting the others:



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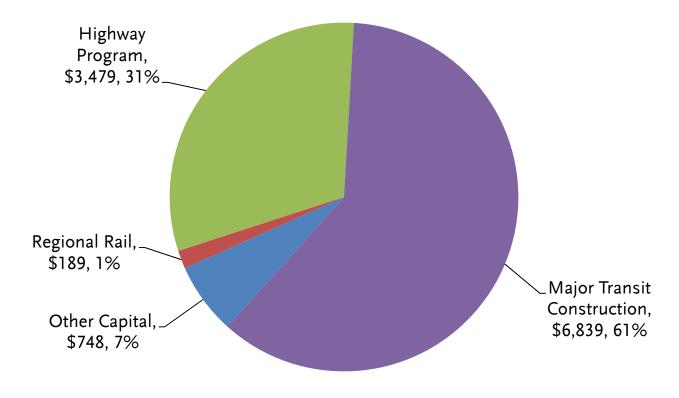
FY17 APE Scope

- Focus on 61 capital projects with total project cost greater than \$5M being managed by Program Management:
 - Major Transit Construction Projects 5 projects
 - Other Transit Capital Projects 24 projects
 - Regional Rail Projects 7 projects
 - Highway Program 25 projects
- Project budgets in the APE focus on authorized funding project amount

FY17 APE Scope

- In addition to the projects in APE, Program
 Management also manages/oversees an additional
 100+ projects
- In total, Program Management manages a volume of 160+ projects with a total authorized value at approximately \$12B
- Approximately \$11B projects are included in the FY17 APE review

FY17 APE Current Program: \$11 B





Metro Transit Program



Metro Transit Capital Projects

Туре	Project Budget	# of Projects
Major Transit Construction	\$6,839	5
Other Transit Capital	\$748	24
Rail Facilities Improvements	\$229	6
Bus Facilities Improvements	\$218	10
Wayside System	\$124	2
Security/Safety	\$124	2
Misc. Capital Projects	\$53	4
Total Transit Capital Program	\$7,587	29



Metro Transit Capital Program Status

6 Projects Completed in FY2016

- Metro Blue Line Station Enhancements
 Project December 2015
- Division 13 Bus Operation & Maintenance Facility – January 2016
- Metro Rail Security Kiosks March 2016
- Metro Gold Line Foothill Extension March 2016
- Metro Red Line Universal City Pedestrian Bridge – April 2016
- Exposition Blvd Light Rail Transit Phase 2
 May 2016







Metro Transit Capital Program Status Con't

4 Projects Planned to Be Completed in FY17

- Metro Red Line to Orange Line Underpass at North Hollywood Station – July 2016
- Division 3 Master Plan Phase II-IV June 2017
- Fuel Storage Tank System Enhancements (FY15 FY17) June 2017
- Bus Facility Maintenance Improvements & Enhancements
 Phase I June 2017

Crenshaw/LAX Transit Project



Crenshaw/LAX Transit Project

Project Budget: \$2,058M Project Completion: October 2019

% Project Complete: 52%

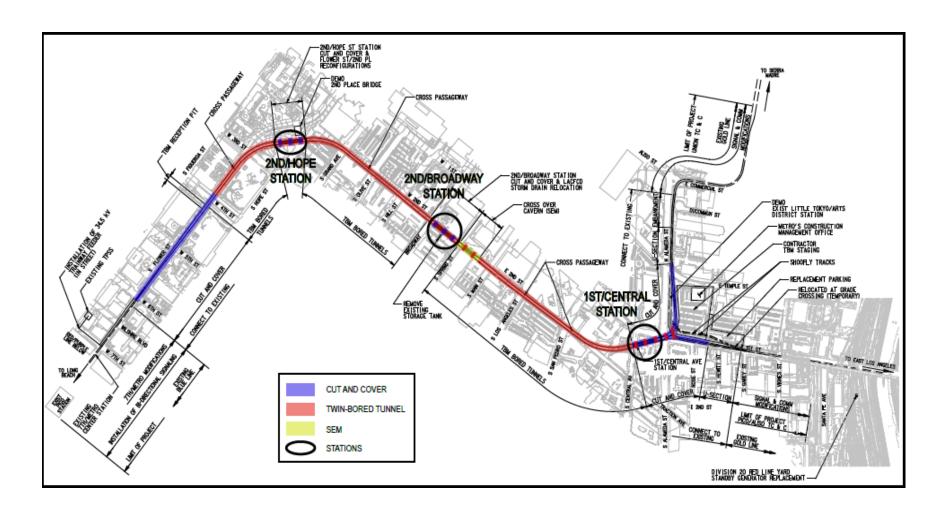
Accomplishments:

Project at halfway mark

- Final design of base work is complete with only design continuing for change work
- Critical tunneling work commenced in late April and has entered the MLK Expo/Crenshaw Station site

- Track alignment changes to incorporate accommodations to not preclude a future LRT station at 96th Street results in changes to base scope, budget, and schedule
- Contractor's ability to meet the tunneling productivity level
- Timely resolution of merit and quantum for valid contractor claims
- Submittal and approval of a revised contractor's baseline schedule
- Resolution of potential betterments being considered by the City of LA
- Continuous efforts to meet community expectations

Regional Connector Transit Project



Regional Connector Transit Project

Project Budget: \$1,551.8 M Project Completion: July 2021

*Excludes planning and finance costs

% Project Complete: 23%

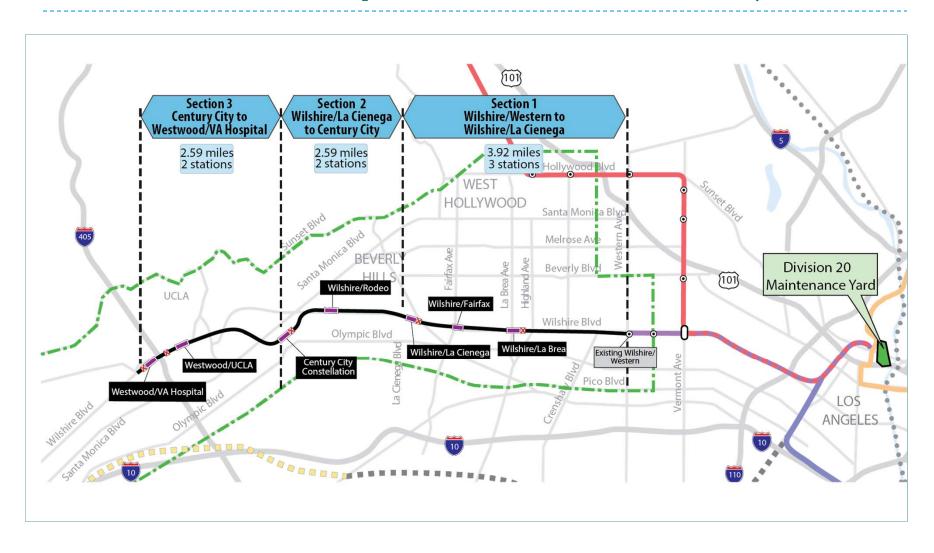
Accomplishments:

1st/Alameda Shoofly work completed on schedule

1st/Central Station Box fully excavated; permanent works now underway

- Obtaining continued City of LA support for, and approval of, the necessary traffic control and extended work hour permits to effectively work in a dense urban setting
- Continue to redefine schedule options to the extent possible as a result of early experienced delays due to utility relocation issues
- Conclusion of contractor negotiations on schedule recovery measures related to delayed utility relocations
- Safely prosecute underground construction across Alameda Street to facilitate placement, and launching of tunnel boring machine (TBM) and the timely excavation of the related TBM recovery shaft on Flower Street
- Defining current and projected cost trends into a revised cost at completion forecast; seek budget adjustments accordingly. This action is expected to be guided upon completion of FTA risk assessments

Westside Purple Line Extension Project



Westside Purple Line Extension Section 1

Project Budget: \$2,778.9M Project Completion: November 2023

(Excludes finance costs)

% Project Complete: 12%

Accomplishments:

FY16

 Awarded and Issued NTP for Design-Build Contract of Division 20 Maintenance-of-Way and Non-Revenue Vehicle Building 61S.

- AUR Contract Wilshire/Fairfax achieved substantial completion, ahead of schedule and within budget (second of three AUR contracts to have been completed).
- Completed all environmental property abatement/remediation along the Project alignment and gave access to all properties to the Tunnels, Stations, Trackwork, Systems and Testing Contractor.
- The planned 22-weekend closures began on June 10, 2016 for the installation of deck beams and concrete deck panels prior to the Wilshire/La Brea Station excavation under the temporary street decking.

FY17

- Complete final design on Division 20 Maintenance-of-Way and Non-Revenue Vehicle Building 61S and Westside Purple Line Extension Section 1 Design-Build contracts
- Wilshire/La Brea and Wilshire/Fairfax Stations installation of deck beams and concrete deck panels are planned to be completed. Wilshire/Fairfax Station excavation is planned to begin and Wilshire/La Brea Station excavation will near completion
- Site preparation work and construction mobilization activities have begun at the Wilshire/La Cienega Station. Installation of station piles are planned to begin and will near completion
- AUR Contract Wilshire/La Cienega is planned to achieve substantial completion, ahead of schedule and within budget (last of the three AUR contracts to complete)

Westside Purple Line Extension Section 2

Approved Budget through FY17: \$ 358.5 M

Working Project Estimate: \$ 2,410.5 M

(Excludes planning and finance costs)

Accomplishments:

- Received Proposals for Contract Management Support Services (CMSS) contract in April 2016, currently under evaluation, award anticipated October 2016
- Received Proposals for Design-Build contract in June 2016, currently under evaluation, award anticipated January 2017
- Began design of advanced relocation of utilities
- Construction of the telecom joint trench at Century City Constellation has begun
- Real Estate certifications and acquisitions are underway
- In August 2016, U.S. District Court issued final remedy ruling in the NEPA lawsuits brought by Beverly Hills. The judge declined to vacate FTA's approval of the project; FTA can execute an FFGA with Metro for the project. The judge is requiring that FTA prepare a Supplemental Environmental Impact Statement (FFGA), which Metro is preparing with FTA's guidance for completion in Spring 2017

Challenges/Risks:

Receive a FFGA and a Transportation Infrastructure Finance and Innovation Act (TIFIA) Loan

19 FY2017 APE

Project Completion: August 2025

Westside Purple Line Extension Section 3

Projected Budget through FY17: \$51.5M Project Completion: TBD

Working Project Estimate: TBD

Accomplishment:

 Advanced preliminary engineering and design of advanced relocation of utilities to advance the project delivery under Operation Shovel Ready Program of Projects

Challenge/Risk:

Project funding commitment

Patsaouras Plaza Busway Station

Project Budget: \$ 39.7 M Project Completion: December 2017

Accomplishments:

Completed final design

- Maintain Third Party cooperation review/approval, including Caltrans, to be consistent with project schedule
- DWP vault and conduit relocation.
- Utility relocation must be completed by August 2016 to avoid conflicts with foundation construction
- Budget impacts due to design changes or unforeseen underground conditions



Metro Blue Line Signal Rehabilitation Project

Project Budget: \$ 93.6 M Project Completion: August 2020

Accomplishments:

- Solicitation released in March 2016, design-build proposals due October 2016
- Secured additional funding from State Cap & Trade Transit and Intercity Rail Capital Program (TIRCP) for \$38.5 million

- Track allocations coordination with other projects/maintenance on Metro Blue Line
- Existing aged ductbank/conduits may require replacement
- Additional right-of-way needed for new Slauson Interlocking bungalow near 51st Street
- Meet December 2016 Cap & Trade deadline for funding
- Receiving technically acceptable competitive proposals



New train control



Project adds 6 Crossovers

Metro Red Line to Metro Orange Line North Hollywood Station West Entrance

Project Budget

\$ 23M

Project Completion: August 2016

Accomplishment:

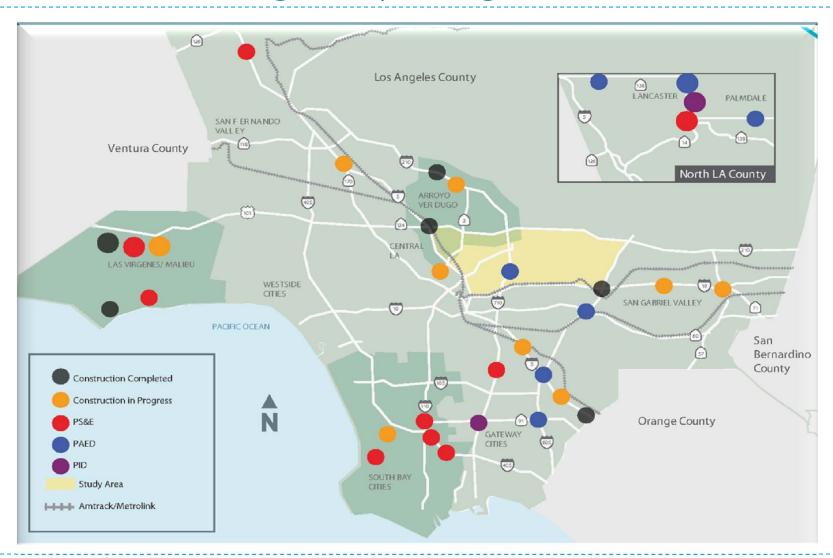
 Project substantial completion in August 2016

Challenge:

Timely contract close-out



Highway Program





Highway Program Status Summary

(Measure R Funded)

#	Project	Current Phase	Estimated Cost of Current Phase (\$mil.)	Phase Completion
1	I-5 South - Alondra	Construction	\$114.07	Completed
2	I-5 South – Valley View Interchange	Construction	\$631.12	Feb 2020
3	I-5 South – Shoemaker, Rosecrans, Bloomfield	Construction	\$188.22	Aug 2017
4	I-5 South – San Antonio, Imperial Hwy and Orr Day	Construction	\$323.29	May 2018
5	I-5 South – Florence	Construction	\$211.67	Sep 2019
6	I-5 South - Carmenita Interchange	Construction	\$419.88	Dec 2018
7	I-5 North - HOV from SR 118 to SR 170	Construction	\$219.49	Completed
8	I-5 North - HOV from SR 170 to North of Buena Vista	Construction	\$94.72	Completed
9	I-5 North – North of Buena Vista to South of Magnolia Blvd	Construction	\$402.38	Jan 2020
10	I-5 North - Magnolia Blvd to SR 134	Construction	\$137.37	Dec 2018

Highway Program Status Summary (Measure R Funded)

#	Project	Current Phase	Estimated Cost of Current Phase (\$mil.)	Phase Completion
11	I-5 North HOV Project SR 14 to Parker Road	Plan, Specification & Estimate (PS&E)	\$31.0	Jul 2018
12	Interstate 605 Corridor Hot Spots – I-605/I-5 Interchange Improvement	Project Approval / Environmental Document (PAED)	\$20.84	Mar 2019
13	Interstate 605 Corridor Hot Spots – I-605/SR 60 Interchange Improvement	PAED	\$30.0	Feb 2020
14	Interstate 605 Corridor Hot Spots – I-605/SR 91 Interchange Improvement	PAED	\$7.8	May 2019
15	Interstate 605 Corridor Hot Spots – I-710/SR 91 Interchange Improvement	Project Study Report / Project Development Support (PSR/PDS)	\$2.6	June 2017
16	Interstate 405 Crenshaw Blvd On and Off Ramp Improvements	PS&E	\$10.3	Aug 2016
	Interstate 405 and I-110 Aux Lane from SR 91 to Torrance Blvd	PS&E	\$9.0	Jul 2017
18	SR 138 I-5 to SR 14	PAED	\$25.0	Apr 2017
19	I-710 South	PAED	\$91.0	Sep 2018
20	I-710 South Early Action Projects - Soundwall Projects (3 locations)	PS&E	\$12.7	Nov 2017
	Sub	\$2,982.45		

Highway Program Status Summary (Non-Measure R Funded)

#	Project	Current Phase	Estimated Cost of Current Phase (\$mil.)	Phase Completion
21	I-10 HOV from Citrus Avenue to SR 57	Construction	\$264.4	Nov 2021
22	I-10 HOV from Puente Avenue to Citrus Avenue	Construction	\$195.6	Apr 2019
23	SR 57 and SR 60 Mixed Flow Interchange ** (Eastbound and Westbound flyover off-ramp to Grand Ave, Eastbound on-ramp SR-60)	PS&E	\$13.0*	Dec 2019
24	SR 71: Interstate 10 to Mission Blvd **	PS&E	\$11.0*	Nov 2026
25	SR 71: Mission Blvd to Rio Rancho Road **	PS&E	\$13.0*	Dec 2019
	Subtotal Non-Measure R Funded Highway Projects		\$497	
	Total Highway Program		\$3,479.45	

^{*} Initial Budget Estimate is through completion of Design

^{**} These are projects with completed PAED and in Approved 2009 LRTP and 2014 SRTP

I-605 "Hot Spots"

Approved budget: \$61.24 M

Estimated Cost to Complete Phase: \$61.24 M

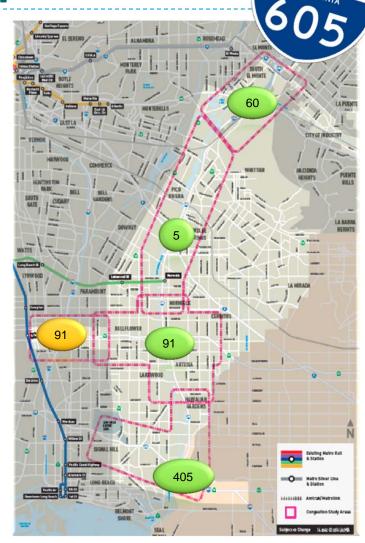
Accomplishments:

- Aggressive contract starts:
 - 605/5 PAED awarded December 2015
 - 710/91 PSR-PDS awarded December 2015
 - 605/91 PAED awarded May 2016
 - 605/60 PAED awarded June 2016
- Effective coordination of all contracts

Challenges/Risks:

- Funding to advance projects to design and construction
- Strategy to resolve: Considering breaking down the mega projects to smaller fundable projects with independent utility and sustainability

Note: Project costs, schedules, milestones, and delivery plans are on project-by-project basis.



I-710 South

Approved Budget: \$91.0 million

Estimated Cost to Complete Phase: \$91.0 mil

Accomplishments:

- On schedule
- Conducting additional studies as directed by the Board
- Strong collaborative work with the local agencies, communities, and Metro Board members in addressing community concerns
- Pursuing early action projects during the development of the corridor environmental documents

- Funding to pursue design and construction of the proposed improvements
- Strategy to resolve: Pursuing implementation of early action projects with independent utility and sustainability.



I-5 North HOV: SR 14 to Parker Road

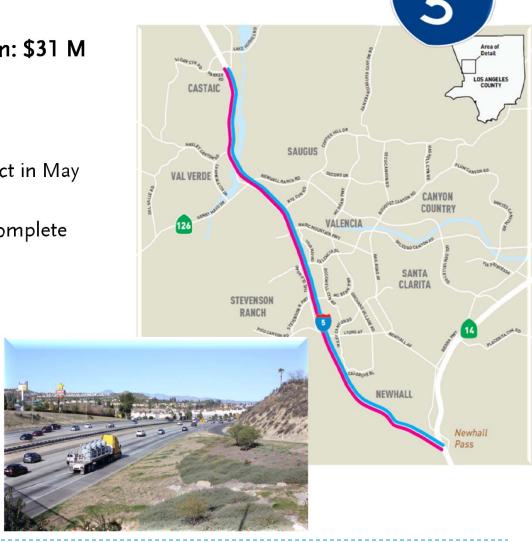
Approved Budget: \$31.4 M

Estimated Cost to Complete Design: \$31 M

Accomplishments:

- Award of consultant services contract in May 2016 to complete final design
- Agreement with the consultant to complete final design in 30 months

- Funding for construction
- Coordination with Caltrans pavement rehabilitation project.







I-5 South: Orange County Line to I-605

Project Managed by Caltrans:

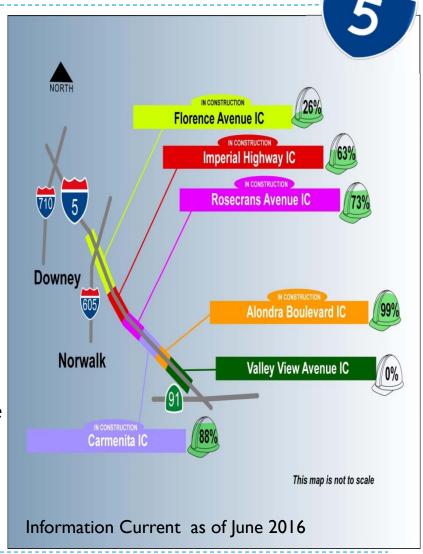
- Approved budget: \$1,888.25 M
- Estimated Cost to Complete Construction: TBD

Accomplishments:

Effective coordination of all contracts:

- Alondra Blvd Completed and Open to traffic
- Valley View Avenue Construction begin summer 2016
- Rosecrans Avenue Construction in progress
- Imperial Highway Construction in progress
- Florence Avenue Construction in progress
- Carmenita Interchange Construction in progress

- Extensive utility and ROW relocation
- Different soil condition encountered on site for the piles
- Railroad work
- Working proactively with Caltrans to manage contingency





I-5 North: SR 118 to SR 134

Project Managed by Caltrans:

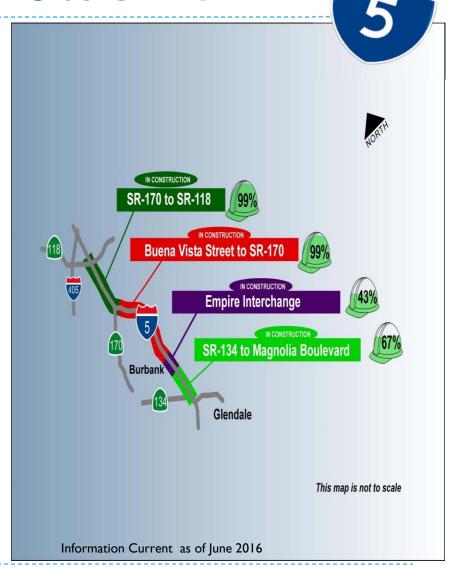
- Approved budget: \$853.96 M
- Estimated Cost to Complete Construction: TBD

Accomplishments:

Effective coordination of all contracts

- SR118 to SR170 Completed and Open to traffic
- SR170 to North of Buena Vista Completed and Open to traffic
- North of Buena Vista to Magnolia Blvd including
 Empire Blvd Interchange Construction in progress
- Magnolia Blvd to SR 134 Construction in progress

- Girder manufacturing delay (Segment 4)
- Utility relocation/ Railroad work changes (Seg. 3)
- Survey work related to roadway and structures (Seg.4)
- LA River Bridge construction requires significant changes to avoid working on the River bed. (Seg. 4)
- Working proactively with Caltrans to manage contingency



Regional Rail Program



Regional Rail Program Summary

#	Project	Current Phase	Estimated Cost of Current Phase (\$mil.)	Phase Completion
1	LINK Union Station (Southern California Regional Interconnector Project)	Environmental & PE	\$55	March 2018
2	Bob Hope Airport Metrolink Station Pedestrian Bridge Project	Environmental & 90% Design	\$4	June 2017
3	Bob Hope Airport/Hollywood Way Metrolink Station Project	Construction	\$15	Anticipated Construction to begin Nov 2016
4	Doran Street and Broadway/Brazil Safety and Access Project	Environmental/100% PE Design	\$10	December 2018
5	Brighton to Roxford Double Track Project	Environmental; Plan, Specification & Estimate	\$15	October 2018
6	Rosecrans/Marquardt Grade Separation Project	Environmental; Plan, Specification & Estimate; Real Estate Acquisition	\$85	June 2019
7	Lone Hill to CP White Double Track Project	Environmental & 30% PE	\$5	June 2017
		Total Regional Rail Program	\$189	

Bob Hope Airport/ Hollywood Way Metrolink Station

Project Budget: \$15M Project Schedule: Anticipate Construction to begin November 2016

Accomplishments:

- 100% design complete
- Airport committed to providing courtesy shuttle service between Station and Airport
- Invitation for bids for construction was issued in August 2016

- To arrange short term, long term parking solution with the City of Burbank
- To establish Operating & Maintenance (O&M) Plan with the Bob Hope Airport, City of Burbank, and City of Los Angeles
- City of Burbank requested design revisions to accomplish a more cost-effective O&M
- Potential closure of Sun Valley Station (within 2 miles of Bob Hope Station) to be determined



Rosecrans/Marquardt Grade Separation Project

Estimated Cost: \$85 M Phase Completion: June 2019

Environmental/PS&E: \$12M

Real Estate Acquisition, Third Party: \$73M

Construction: TBD

Accomplishments:

Alternative #2 Offset overpass with connector roads was approved by Santa Fe Springs

City Council and the Metro Board

 Environmental documentation obtained CEQA clearance

Completed 35% Design

- Multi-agencies cooperation and approval process
- Minimize traffic impacts during construction
- Constraints at Coyote Creek
- Diagonal rail crossing at a busy intersection may be a potential risk
- Securing multi-agency funding for construction



Link Union Station (US)

Estimated Cost to Complete Environmental/PE: \$55M

Environmental/PE Completion Date: March 2018

Accomplishments:

- Commitment of \$15M California High Speed Rail funding
- Environmental Design accommodated High Speed Rail and integrated passenger concourse

- Securing funding for construction
- Interface with High Speed Rail



FY17 APE Summary

- New Project with Planned Adoption of Life-of-Project Budget
 - Westside Purple Line Extension Section 2 Project (separate board action)
- Existing Project with Planned Adjustments to Approved Budget
 - Div. 20 Portal Widening and Turnback Facility Design (separate board action)
- Existing Projects with Potential Adjustments to LOP Budget
 - Regional Connector Transit Project
 - Crenshaw/LAX Transit Project
 - I-5 South: Orange County Line to I-605
 - I-5 North: SR 118 to SR 134

Next Steps

- Project Managers to manage project scope, budget, and schedule for quality, on-time and within budget delivery
- To present project-specific LOP budget for Board review/adoption
- Seek additional revenue sources needed to fulfill funding commitment required to build and deliver projects
- Begin FY18 Program Management APE process in Fall 2016 and report to the Board in Spring 2017



Appendix: Project Listing by Type

TRANSIT CAPITAL PROJECTS WITH TOTAL PROJECT COSTS > \$5 M	ТҮРЕ	LOP BUDGET (\$ MIL.)
1 BRT Freeway Station Sound Enclosure	Bus Facilities Improvements	\$5.8
Fuel Storage Tank System Enhancements (FY15 - FY17)	Bus Facilities Improvements	\$6.5
3 Metro Silver Line Improvements & Upgrades	Bus Facilities Improvements	\$7.8
4 Division 3 Master Plan Phases II-IV	Bus Facilities Improvements	\$13.2
5 Division 1 Improvements	Bus Facilities Improvements	\$20.9
6 Bus Facility Maintenance Improvements & Enhancements Phase II	Bus Facilities Improvements	\$20.9
7 Bus Facility Maintenance Improvements & Enhancements Phase I	Bus Facilities Improvements	\$21.2
8 Bus Facilities Maintenance & Improvement - Phase III	Bus Facilities Improvements	\$21.7
9 Patsaouras Plaza Bus Station Construction	Bus Facilities Improvements	\$39.8
OEI Monte Busway & Transit Center Expansion	Bus Facilities Improvements	\$60.1
	Bus Facilities Improvements Total	\$217.8
Westside Purple Line Extension Section 1 Project	Major Construction	\$2,778.9
12 Westside Purple Line Extension Section 2 Project	Major Construction	\$395.3
13 Westside Purple Line Extension Section 3 Project	Major Construction	\$55.5
4 Regional Connector: Construction	Major Construction	\$1,551.8
5 Crenshaw/LAX Light Rail Transit: Construction	Major Construction	\$2,058.0
	Major Construction Total	\$6,839.5
16 Patsaouras Bus Plaza Paver Retrofit	Misc. Capital Projects	\$9.1
17 Division 20 Portal Widening Turnback Facility Design	Misc. Capital Projects	\$3.5
18 Division 22 Paint And Body Shop	Misc. Capital Projects	\$11.0
19 Metro Red Line University City Pedestrian Bridge	Misc. Capital Projects	\$29.6
, ,	Misc. Capital Projects Total	\$53.2
20 Southwestern Maintenance Yard	Rail Facilities Improvements	\$157.0
Systemwide Elevator Installations (Vertical Systems)	Rail Facilities Improvements	\$8.0
22 LRT Freeway Stations Sound Enclosures	Rail Facilities Improvements	\$8.6
Metro Red Line Civic Center Station Escalator/Elevator Modernization	Rail Facilities Improvements	\$12.0
Metro Red Line Escalator Replacement/Modernization	Rail Facilities Improvements	\$20.8
Metro Red Line to Orange Line North Hollywood Station West Entrance	Rail Facilities Improvements	\$23.1
•	Rail Facilities Improvements Total	\$229.5
Metro Gold Line I-210 Barrier Replacement Phase I	Security/Safety	\$11.1
Metro Emergency Security Operations Center	Security/Safety	\$112.7
	Security/Safety Total	\$123.8
Metro Blue Line Pedestrian Safety Enhancement at Grade Crossings	Wayside Systems	\$30.2
Metro Blue Line Signal System Rehabilitation	Wayside Systems	\$93.6
	Wayside Systems Total	\$123.8
	TRANSIT CAPITAL TOTAL	\$7,587

^{*} Based on FY17 approved budget, LOP to be established

^{**} Based on projected budget through FY17 non-accelerated schedule

^{***} This is the approved budget to complete preliminary engineering. A separate report to the Board later this calendar year is planned to request budget adjustment.

^{****} Design LOP budget approved for risk assessment study, environmental clearance and final design

Appendix: Project Listing by Type

HIGHWAY	TYPE	CURRENT ESTIMATE
		(\$ MIL.)
1 I-5 South – Alondra	Measure R Highway Capital Project	\$114.1
2 I-5 South – Valley View Interchange	Measure R Highway Capital Project	\$631.1
3 I-5 South – Shoemaker, Rosecrans, Bloomfield	Measure R Highway Capital Project	\$188.2
4 I-5 South – San Antonio, Imperial Hwy and Orr Day	Measure R Highway Capital Project	\$323.3
5 I-5 South – Florence	Measure R Highway Capital Project	\$211.7
6 I-5 South – Carmenita Interchange	Measure R Highway Capital Project	\$419.9
7 I-5 North – HOV from SR 118 to SR 170	Measure R Highway Capital Project	\$219.5
8 I-5 North – HOV from SR 170 to North of Buena Vista	Measure R Highway Capital Project	\$94.7
9 I-5 North – North of Buena Vista to South of Magnolia Blvd	Measure R Highway Capital Project	\$402.4
10 I-5 North – Magnolia Blvd to SR 134	Measure R Highway Capital Project	\$137.4
11 I-5 North HOV Project	Measure R Highway Capital Project	\$31.0
12 Interstate 605 Corridor Hot Spots – I-605/I-5 Interchange Improvement	Measure R Highway Capital Project	\$20.8
13 Interstate 605 Corridor Hot Spots – I-605/SR 60 Interchange Improvement	Measure R Highway Capital Project	\$30.0
14 Interstate 605 Corridor Hot Spots – I-605/SR 91 Interchange Improvement	Measure R Highway Capital Project	\$7.8
15 Interstate 605 Corridor Hot Spots – I-710/SR 91 Interchange Improvement	Measure R Highway Capital Project	\$2.6
16 Interstate 405 Crenshaw Blvd On and Off Ramp Improvements	Measure R Highway Capital Project	\$10.3
17 Interstate 405 and I-110 Aux Lane from SR 91 to Torrance Blvd	Measure R Highway Capital Project	\$9.0
18 SR 138 I-5 to SR 14	Measure R Highway Capital Project	\$25.0
19 I-710 South	Measure R Highway Capital Project	\$91.0
20 I-710 South Early Action Projects - Soundwall Projects (3 locations)	Measure R Highway Capital Project	\$12.7
	Measure R Highway Total	\$2,982.5
21 I-10 HOV from Citrus Avenue to SR 57	Other Highway Projects	\$264.4
22 I-10 HOV from Puente Avenue to Citrus Avenue	Other Highway Projects	\$195.6
23 SR 57 and SR 60 Mixed Flow Interchange	Other Highway Projects	\$13.0
24 SR 71: Interstate 10 to Mission Blvd	Other Highway Projects	\$11.0
25 SR 71: Mission Blvd to Rio Rancho Road	Other Highway Projects	\$13.0
	Other Highway Total	\$497.0
	HIGHWAY PROGRAM TOTAL	\$3,479.4

	REGIONAL RAIL	ТҮРЕ	CURRENT ESTIMATE (\$ MIL.)
1	Link Union Station	Regional Rail	\$55
2	Bob Hope Airport Metrolink Station	Regional Rail	\$15
3	Bob Hope Airport Pedestrian Bridge	Regional Rail	\$4
4	Brighton to Roxford Double Track	Regional Rail	\$15
5	Doran St Grade Separation	Regional Rail	\$10
6	Lone Hill to White - Env & 30 % Design	Regional Rail	\$5
7	Rosecrans Marquardt Grade Separation	Regional Rail	\$85
		REGIONAL RAIL PROGRAM TOTAL	\$189