

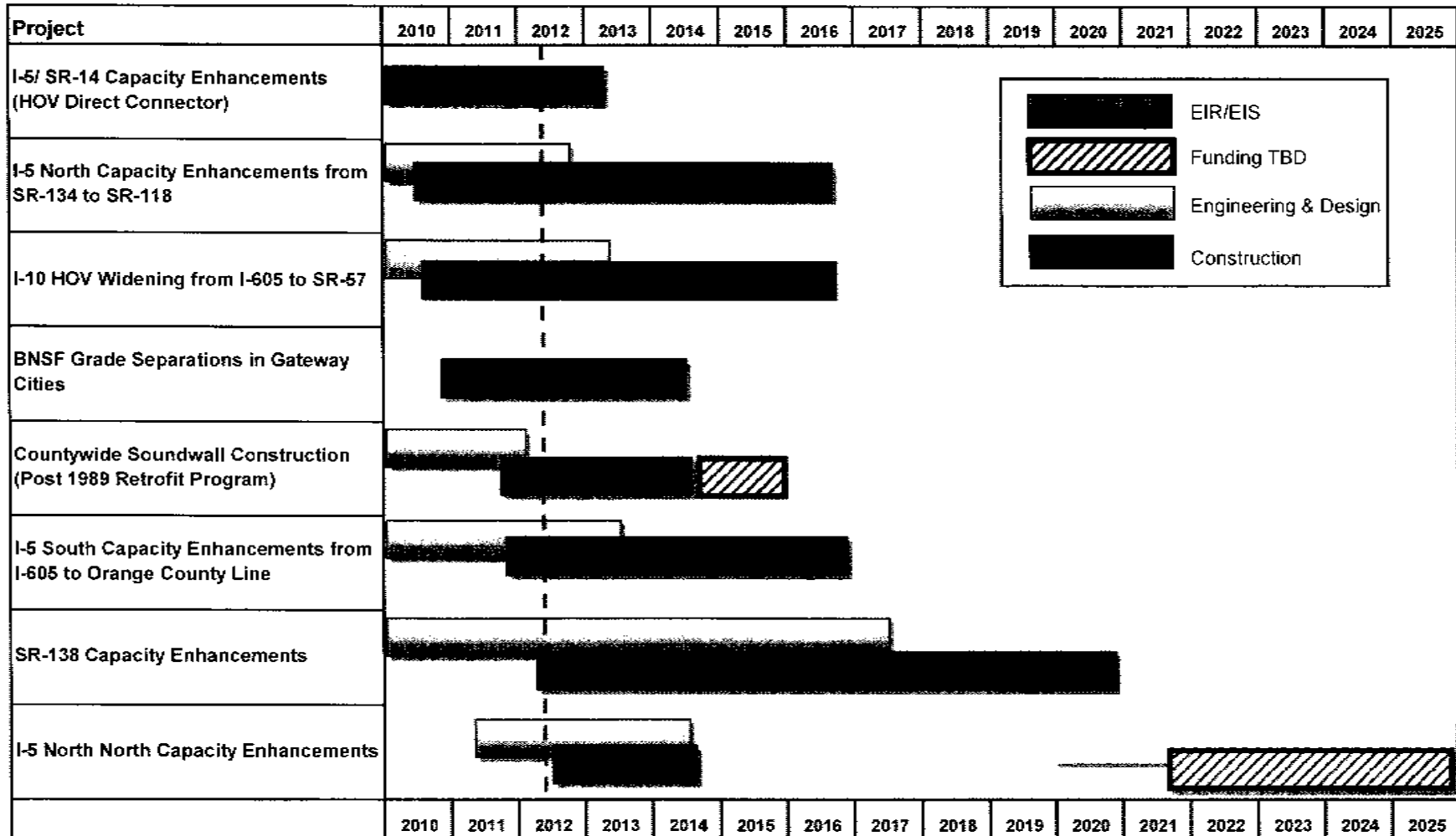
Program Management Project Budget and Schedule Status

Highway Program

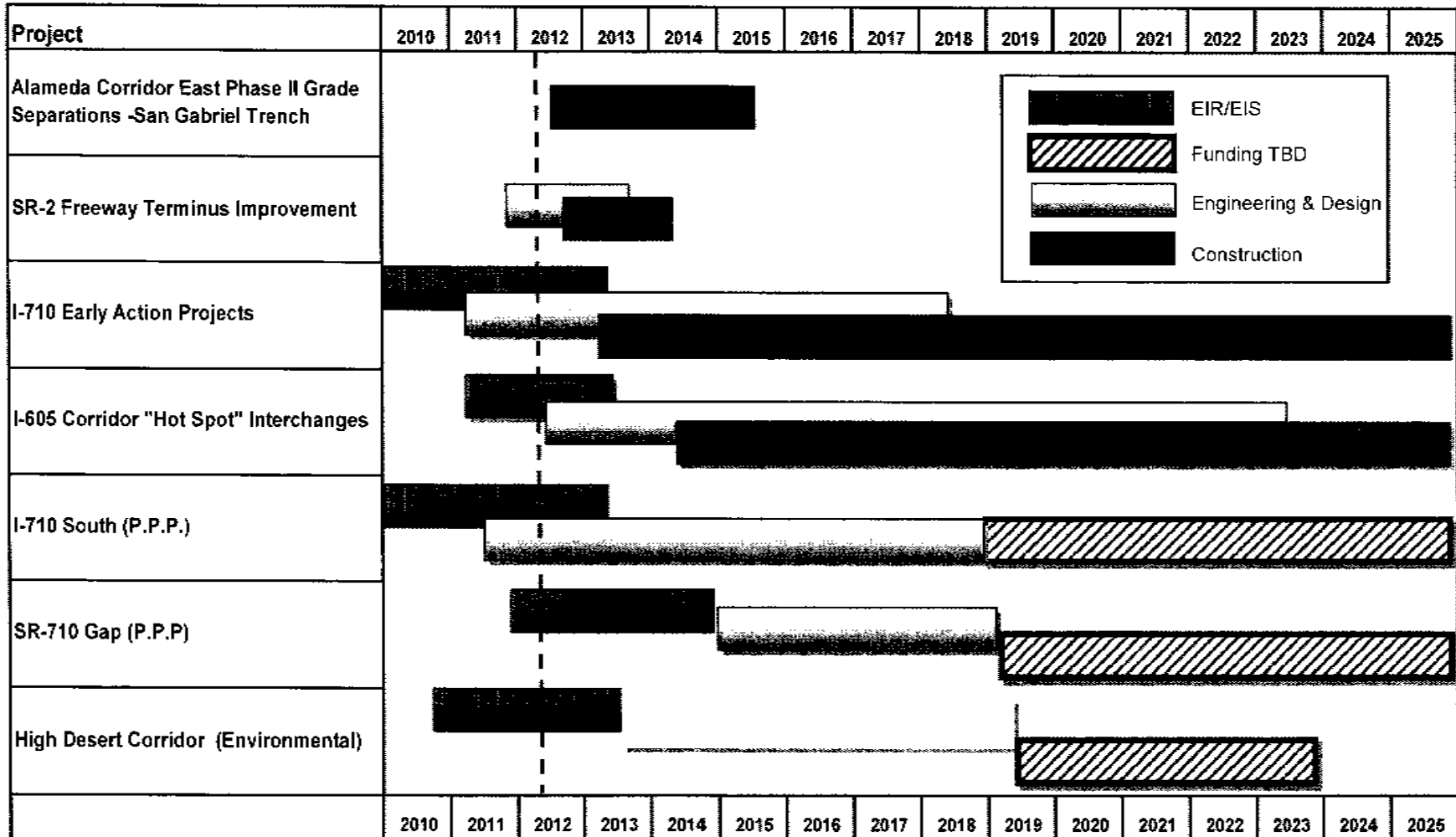
Planning & Programming Committee
April 18, 2012



Highway Program Project Schedules



Highway Program Project Schedules



I-5 / SR-14 Capacity Enhancements (HOV Direct Connector)



● BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$175.8	\$175.8
<ul style="list-style-type: none"> • <u>Funds include</u>: CMAQ, RIP, Prop C, and Measure R • Scope includes pre-construction and construction activities 		


● SCHEDULE		
	Current	Forecast
Construction Complete	2013	2013
<ul style="list-style-type: none"> • Currently in Construction – 80% complete • Scheduled to be open to traffic in Fall 2012 		


POTENTIAL RISKS:

- Weather conditions, such as rain and wind may impose delay on completion of construction

I-5 North Capacity Enhancements from SR-134 to SR-118



 BUDGET	Current	Forecast
Total Cost (\$ mil.)	\$1.01B	\$1.01B
<ul style="list-style-type: none"> • <u>Funds include:</u> RIP, TCRP, RSTP, Prop C, SLPP, CMAQ, ARRA, IIP, SAFETEA-LU, CMIA, Measure R • Scope includes pre-construction and construction activities 		

 SCHEDULE	Current	Forecast
Construction Complete	2016	2016
• SR-134~Magnolia	2014	2014
• Empire/Burbank	2016	2016
• Buena Vista~SR-170	2014	2014
• SR-170~SR-118	2015	2015

POTENTIAL RISKS:

SR-134~Magnolia:

- Utilities

Empire Ave./Burbank Blvd.:

- ROW Clearance – Transfer of easements among Metro, Caltrans and City of Burbank
- Advertise by June 2012 to receive CTC fund authorization
- Project must be awarded by December 2012 to retain CMIA fund

I-10 HOV Widening from I-605 to SR-57



◆ BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$565.9	\$565.9
<ul style="list-style-type: none"> •Funds include: CMIA, CMAQ, STIP-GF, STIP-RIP, Prop C, RSTP and TCRP •Scope includes pre-construction and construction activities 		

◆ SCHEDULE		
	Current	Forecast
Construction Complete	2016	2016
•I-605~ Puente	2013	2013
•Puente~ Citrus	2015	2015
•Citrus~ SR-57	2016	2016

POTENTIAL RISKS:

- Right of way acquisitions
- CMIA funded segment must be awarded by December 2012

BNSF Grade Separations in Gateway Cities



◆ BUDGET			◆ SCHEDULE ³		
	Current	Forecast		Current	Forecast
Total Cost (\$ mil.)	\$195M¹	\$195M¹			
Passons Boulevard	\$43M	\$43M	Passons Boulevard (Under Construction)		
Valley View Avenue	\$79M	\$79M	•End Construction- Sept. 2012		
Fund Sources ² : City Funds, Measure R, BNSF, PUC, STIP, TCRF, TCIF, CMAQ, SAFETEA-LU and other federal funds			Valley View Avenue		
			•Begin Construction- May 2012		
			•End Construction- August 2014		

POTENTIAL RISKS

- Utility Relocations
- Third Party Impacts & Mandates
- Scope Growth
- Funding Gaps

¹Denotes total program estimate reflected in Multi-County Goods Movement Action Plan (2008 \$s)

²Funds sources vary with projects

³Multiple projects with various schedules TBD

Countywide Soundwall Construction (Post 1989 Retrofit Program)



◆ BUDGET	Current	Forecast
Total Cost (\$ mil.)	\$162	\$262

- Secured Funds: Measure R / Prop C (\$162M)
- Unsecured Funds: Various (\$100M)
- Currently total 10 packages have been programmed

◆ SCHEDULE	Current	Forecast
Construction Complete	2014	2014
•Pkgs. 2 & 3	Complete	Complete
•Pkg. 4	2012	2012
•Pkgs. 5 & 7	2014	2014
•Pkgs. 6 & 8	2013	2013
•Pkgs. 10 & 11*	2012	2012
•Duarte	Complete	Complete

- Pkgs. 2 & 3 Complete Complete
- Pkg. 4 2012 2012
- Pkgs. 5 & 7 2014 2014
- Pkgs. 6 & 8 2013 2013
- Pkgs. 10 & 11* 2012 2012
- Duarte Complete Complete

*Design only

POTENTIAL RISKS:

- Site variances / unknown utilities for projects going to construction (Packages 5,6,7,8) could delay and increase the project cost
- Third party activities
- Funds need to be identified for construction of Pkgs. 10 and 11
- Project list is a living document. Total delivery cost of Post 1989 Retrofit Soundwall Program is approximately \$2 billion.

I-5 North North Capacity Enhancements: Phase I: Truck Lanes from SR-14 to Pico Canyon Rd.



● BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$131	\$131
<ul style="list-style-type: none"> • <u>Funds include</u>: SHOPP and Measure R • Scope include pre-construction and construction activities 		

● SCHEDULE		
	Current	Forecast
Construction Complete	2014	2014
<ul style="list-style-type: none"> • Groundbreaking on May 3, 2012 		

POTENTIAL RISKS:

- Differing site conditions during construction
- Pending court decision which could affect construction schedule

I-5 North North Capacity Enhancements: Phase II: Truck Lane +HOV from SR-14 to Parker Rd.



BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$279	\$375
<ul style="list-style-type: none"> •<u>Secured Funds</u>: Measure R (\$279M) •<u>Unsecured Funds</u>: Fed, State, Local (\$96M) 		

SCHEDULE		
	Current	Forecast
Design Complete	2014	2014

POTENTIAL RISKS:

- Majority of Measure R funds are in the 2nd decade. Require America Fast Forward to advance project

OPPORTUNITY:

- Candidate for accelerated delivery as a part of the “bundled highway projects”

I-5 North North Capacity Enhancements: Phase III: Truck Lane +HOV from Parker Rd. to Kern County Line



BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$2M	\$5.0B
<ul style="list-style-type: none"> •<u>Secured Funds</u>: Measure R (\$2M for project initiation) •<u>Unsecured Funds</u>: Fed, State, Local (\$5B) 		

◆ SCHEDULE		
	Current	Forecast
<ul style="list-style-type: none"> •Schedule predicated upon funding availability 		

POTENTIAL RISKS:

- Funds are allocated in the 2nd and 3rd decades. Require America Fast Forward to advance project

I-5 South Capacity Enhancements from I-605 to Orange County Line



◆ BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$1.62B	\$1.62B
<p><u>Funds</u> :CMIA, RIP (GR & State), IIP, TCRP, Demo, CMAQ, STPPL, Prop C 25%, Measure R</p>		

◆ SCHEDULE		
	Current	Forecast
Construction Complete	2016	2016
Carmenita Rd	2015	2015
Segment 1	2016	2016
Segment 2	2016	2016
Segment 3	2016	2016
Segment 4	2016	2016
Segment 5	2016	2016

POTENTIAL RISKS:

- R/W Acquisition – 352 parcels
- Utility Relocation
- Hazardous Waste
- Third Party Agreements


CONTRACT AWARD:


Carmenita Rd September 2011

Segment 1 January 2012

SR-138 Capacity Enhancements



 BUDGET	Current	Forecast
Total Cost (\$ mil.)	\$410	\$410
<ul style="list-style-type: none"> • <u>Funds include:</u> RIP, IIP, Measure R • Scope includes preconstruction and construction activities 		

 SCHEDULE	Current	Forecast
Construction Complete	2020	2020
• Seg. 1, 2, 4, 7, 8, 10, & 11	Complete	Complete
• Seg. 5 & 12	2013	2013
• Segment 3	2020	2020
• Segment 6	2020	2020
• Segment 9	2018	2018
• Segment 13	2018	2018

POTENTIAL RISKS:

- Locating property owners along Right of Way
- Right of Way procurement

OPPORTUNITY:

- Initiate environmental process for the segment from I-5 to SR-14

Alameda Corridor East Phase II Grade Separations- San Gabriel Trench



 BUDGET	Current	Forecast
Total Cost (\$ mil.)	\$498.5M	\$498.5M

- Fund Sources:
Proposition 1B State Bonds, Measure R, UPRR, PUC, TEA-21, SAFETEA-LU and other federal funds

 SCHEDULE	Current	Forecast
Construction Complete	2015	2015

- Targets:
- Trench Construction:-June 2012
 - End Construction-June 2015
 - Pre-construction activities underway (archaeological and paleontological)

POTENTIAL RISKS:

- Utility Relocations
- Enhanced requirements imposed by Third Party (UPRR)
- Paleontological Finds
- Differing Site Conditions
- Scope Growth

SR-2 Freeway Terminus Improvement



! BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$11.2	\$25
<ul style="list-style-type: none"> •<u>Secured Funds</u>: TEA21 Earmark (\$11.2M for ED and Phase I construction) •<u>Unsecured Funds</u>: Fed, state, local (\$13.8M for Phase II construction) 		

◆ SCHEDULE		
	Current	Forecast
Construction Complete	2015	2015
•Phase I	2015	2015
•Phase II	TBD	TBD

POTENTIAL RISKS:

- Controversy over project not fully funded
- Phase II requires federal grant

OPPORTUNITY:

- Phase IA can start construction by the end of 2012

I-710 Early Action Projects



BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$590	\$6.95B
<p>•<u>Secured Funds</u>: Measure R - \$590M*</p>		

◆ SCHEDULE		
	Current	Forecast
Construction Complete	2028	2028
<p>•Multiple Early Action Study Projects with various schedules</p>		

POTENTIAL RISKS:

- Funding shortfall
- Other Utility relocation
- Hazardous Waste
- Third Party Agreements

*Some of these funds will be utilized for I-710 South

I-605 Corridor “Hot Spot” Interchanges



◆ BUDGET	Current	Forecast
Total Cost (\$ mil.)	\$590M*	\$590M*
<ul style="list-style-type: none"> • <u>Secured Funds</u>: Measure R - \$590M • <u>Unsecured Funds</u>: TBD 		

● SCHEDULE	Current	Forecast
Construction Complete	2026	2026
<p>Multiple projects with various schedules - TBD</p> <p>Feasibility Study 2012</p>		

POTENTIAL RISKS:

- Funding of program
- Third Party implementation
- Scope Growth
- Utility relocation
- R/W Acquisition
- Hazardous waste

*Denotes current secure funding and not expected to cover Feasibility Study improvement needs. Project costs to be determined post Feasibility Study

I-710 South (P.P.P)



! BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$590	\$6.95B
<ul style="list-style-type: none"> • <u>Secured Funds</u>: Measure R - \$590M* • <u>Unsecured Funds</u>: \$6.36B – TBD • Potential P3 Opportunity 		

◆ SCHEDULE		
	Current	Forecast
Construction Complete	2028	2028
Draft EIR/EIS	2012	
Public Hearing	2012	
Final EIR/EIS	2013	
Record of Decision	2013	
<ul style="list-style-type: none"> • Multiple Early Action Study Projects with various schedules 		

POTENTIAL RISKS:

- Funding shortfall
- SCE Utility Relocation
- DWP Utility Relocation
- Army Corp of Engineers
- Los Angeles County Flood Control
- R/W Acquisition
- Other Utility relocation
- Hazardous Waste
- Third Party Agreements
- Zero-Emission Trucks availability

*Some of these funds will be utilized for I-710 Early Action Projects

SR-710 Gap (P.P.P)



! BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$780 *	\$3.24B*

- Secured Funds: Measure R - \$780M
- Unsecured Funds: \$2.46B – TBD
- Potential P3 Opportunity

◆ SCHEDULE		
	Current	Forecast
Construction Complete		

- | | |
|--------------------|------|
| Draft EIR/EIS | 2014 |
| Public Hearing | 2014 |
| Final EIR/EIS | 2015 |
| Record of Decision | 2015 |

POTENTIAL RISKS:

- | | |
|---|--|
| <ul style="list-style-type: none"> • Delay in agency reviews • Additional analyses for mitigation and/or alternatives • Unexpected late public comments on the DEIS/R • Potential challenges to the FEIS/R ROD, etc... • Funding shortfall | <ul style="list-style-type: none"> • Utility relocation • Hazardous Waste • Third Party Agreement |
|---|--|

* Denotes one project alternative estimated project cost

High Desert Corridor (Environmental)



● BUDGET		
	Current	Forecast
Total Cost (\$ mil.)	\$65	\$65
<ul style="list-style-type: none"> • <u>Funds include</u>: STIP (GF), Measure R, and federal earmarks • Scope includes environmental document (ED) only 		

● SCHEDULE		
	Current	Forecast
Environmental Document Complete	2013	2013
<ul style="list-style-type: none"> • Draft ED Circulation 2012 • Public Hearing 2012 • Final ED 2013 • Record of Decision 2013 		

POTENTIAL RISKS / OPPORTUNITIES:

- Completing the Green Energy Corridor Analysis and its impact to the visual technical study
- Rail connection between Victorville and Palmdale as a part of the ED scope is a scope increase and will result in changes to cost and schedule
- ▲ Funding for design and construction (~\$3B) is to be identified
- Potential P3 Candidate