

**Scenario B Revised - Bolded and Italicized Projects Reflect Additional Requests
Proposed Measure R Highway Detail for the First 10 Years (Borrowing Would Be Needed)**

DRAFT

(\$ in millions)

Meas R Ref #	Potential Project in Alphabetical Order by Category (project definition depends on final environmental process)	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Subtotal Escalated FY10-19	Measure R Amount
		22	ACE Projects	42.0	50.0	50.0	50.0	50.0	50.0	50.0	58.0	-	-
23	BNSF Grade Separations	-	2.0	2.0	3.0	3.0	8.0	8.0	9.0	-	-	\$ 35	35
24	Soundwalls	-	-	-	-	-	-	-	-	-	-	\$ -	250
25	High Desert Corridor (PPP)	5.0	10.0	10.0	8.0	-	-	-	-	-	-	\$ 33	33
26	I-5/SR-14 Capacity Enhancement Replacement Project	-	-	-	-	-	-	-	-	-	-	\$ -	90.8
27	<i>I-5 South Replacement/Enhancements</i>	-	-	6.2	6.2	6.2	6.2	-	-	-	-	\$ 24.8	264.8
28	I-5 from SR-134 to SR-170 Replacement Project	-	-	-	-	-	-	-	-	-	-	\$ -	271.5
29	<i>I-5 Carmenita Interchg Replacement/Enhancements</i>	-	5.0	5.0	5.0	5.0	-	-	-	-	-	\$ 20.0	138.0
	SUBTOTAL	47.0	67.0	73.2	72.2	64.2	64.2	58.0	67.0	-	-	\$ 513	\$ 1,483
30												Escalated \$	Current \$
31	Arroyo Verdugo Operations	5.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	7.0	7.0	\$ 57.0	170
32	<i>Las Virgenes Operations</i>	6.9	10.0	9.0	12.0	13.1	12.0	16.2				\$ 79.2	175
33	Interstate 405, I-110, I-105, and SR-91 Ramp and Interchange Improvements (South Bay)	10.0	10.0	10.0	20.0	20.0	33.0	33.0	33.0	34.0	34.0	\$ 237.0	906
34	I-5 North Truck Lane Phase I from SR-14 to Pico Cyn	-	-	16.0	28.0	12.0	-	-	-	-	-	\$ 56.0	
34	I-5 North Truck Lane Phase II - from Pico Cyn to Parker Road	-	-	4.0	4.0	-	14.0	14.0	14.0	14.0	14.0	\$ 78.0	
34	I-5 North Truck Lane Phase III	-	-	-	-	-	-	-	-	-	-	\$ -	
34	Total I-5 North Truck Lane (Construction) (PPP)	-	-	20.1	32.0	12.0	14.0	14.0	14.0	14.0	14.0	\$ 134.1	410
35	I-605 Hot Spots (Gateway Cities) [requests \$305 M additional in 1st decade - assumed to be federal & state]	5.0	10.0	9.0	14.0	19.0	21.0	21.0	22.0	22.0	22.0	\$ 165.0	590
36	I-710 North Extension (PPP)	-	9.0	17.0	16.0	14.0	20.0	20.0	20.0	20.0	20.0	\$ 156.0	780
37	I-710 Early Action Projects	5.0	10.0	15.0	7.0	5.0	17.0	17.0	17.0	17.0	17.0	\$ 127.0	
37	I-710 South (PPP)	15.0	-	-	-	-	-	-	-	-	-	\$ 15.0	
37	Total I-710 South (PPP) and/or Early Action	20.0	10.0	15.0	7.0	5.0	17.0	17.0	17.0	17.0	17.0	\$ 142.0	590
38	Rt 138 Segment 9	2.0	4.0	5.0	-	-	-	-	-	-	-	\$ 11.0	
38	Rt 138 Segment 13	4.0	6.0	7.0	18.0	19.0	-	-	-	-	-	\$ 54.0	
38	Rt 138 Other Segs	-	-	-	-	-	13.0	13.0	13.0	13.0	13.0	\$ 65.0	
38	Total Route 138	6.0	10.0	12.0	18.0	19.0	13.0	13.0	13.0	13.0	13.0	\$ 130.0	200
	SUBTOTAL	52.9	64.0	97.1	124.0	107.1	136.0	140.2	125.0	126.9	127.1	\$ 1,100.3	\$ 3,821
39	Escalation Allowance (adj for decreased rev)												2,250.7
	TOTAL	99.9	131.0	170.3	196.2	171.3	200.2	198.2	192.0	126.9	127.1	\$ 1,613.1	\$ 7,554.7
	Revenue Estimate	\$ 88	\$ 126	\$ 133	\$ 142	\$ 153	\$ 163	\$ 172	\$ 180	\$ 189	\$ 197	\$ 1,542.2	
	Annual Balance	\$ (12)	\$ (5)	\$ (37)	\$ (54)	\$ (18)	\$ (38)	\$ (26)	\$ (12)	\$ 62	\$ 70	\$ (70.9)	
	Cumulative Balance	\$ (12)	\$ (17)	\$ (54)	\$ (109)	\$ (127)	\$ (164)	\$ (191)	\$ (203)	\$ (141)	\$ (71)		

**Scenario C Revised - Bolded and Italicized Projects Reflect Additional Requests
Proposed Measure R Highway Detail for the First 10 Years (Borrowing Would Be Needed)**

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(\$ in millions)

Meas R Ref #	Potential Project in Alphabetical Order by Category (project definition depends on final environmental process)	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Subtotal Escalated FY10-19	Measure R Amount
		22	ACE Projects	42.0	50.0	50.0	50.0	50.0	50.0	50.0	58.0	-	-
23	BNSF Grade Separations	-	2.0	2.0	3.0	3.0	8.0	8.0	9.0	-	-	\$ 35	35
24	Soundwalls	-	44.0	74.0	5.5	-	-	-	-	-	-	\$ 124	250
25	High Desert Corridor (PPP)	5.0	10.0	10.0	8.0	-	-	-	-	-	-	\$ 33	33
26	I-5/SR-14 Capacity Enhancement Replacement Project	-	-	-	-	-	-	-	-	-	-	\$ -	90.8
27	<i>I-5 South Replacement/Enhancements</i>	-	-	6.2	6.2	6.2	6.2	-	-	-	-	\$ 24.8	264.8
28	I-5 from SR-134 to SR-170 Replacement Project	-	-	-	-	-	-	-	-	-	-	\$ -	271.5
29	<i>I-5 Carmenita Interchg Replacement/Enhancements</i>	-	5.0	5.0	5.0	5.0	-	-	-	-	-	\$ 20.0	138.0
	SUBTOTAL	47.0	111.0	147.2	77.7	64.2	64.2	58.0	67.0	-	-	\$ 636	\$ 1,483
30												Escalated \$	Current \$
31	Arroyo Verdugo Operations	5.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	7.0	7.0	\$ 57.0	170
32	<i>Las Virgenes Operations</i>	6.9	10.0	9.0	12.0	13.1	12.0	16.2				\$ 79.2	175
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34	I-5 North Truck Lane Phase I from SR-14 to Pico Cyn	-	-	16.0	28.0	12.0	-	-	-	-	-	\$ 56.0	
34	I-5 North Truck Lane Phase II - from Pico Cyn to Parker Road	-	-	4.0	4.0	-	14.0	14.0	14.0	14.0	14.0	\$ 78.0	
34	I-5 North Truck Lane Phase III	-	-	-	-	-	-	-	-	-	-	\$ -	
34	Total I-5 North Truck Lane (Construction) (PPP)	-	-	20.1	32.0	12.0	14.0	14.0	14.0	14.0	14.0	\$ 134.1	410
35	I-605 Hot Spots (Gateway Cities) [requests \$305 M additional in 1st decade - assumed to be federal & state]	5.0	10.0	9.0	14.0	19.0	21.0	21.0	22.0	22.0	22.0	\$ 165.0	590
36	I-710 North Extension (PPP)	-	9.0	17.0	16.0	14.0	20.0	20.0	20.0	20.0	20.0	\$ 156.0	780
37	I-710 Early Action Projects	5.0	10.0	15.0	7.0	5.0	17.0	17.0	17.0	17.0	17.0	\$ 127.0	
37	I-710 South (PPP)	15.0	-	-	-	-	-	-	-	-	-	\$ 15.0	
37	Total I-710 South (PPP) and/or Early Action	20.0	10.0	15.0	7.0	5.0	17.0	17.0	17.0	17.0	17.0	\$ 142.0	590
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	SUBTOTAL	52.9	64.0	97.1	124.0	107.1	136.0	140.2	125.0	126.9	127.1	\$ 1,100.3	\$ 3,821
39	Escalation Allowance (adj for decreased rev)												2,250.7
	TOTAL	99.9	175.0	244.3	201.7	171.3	200.2	198.2	192.0	126.9	127.1	\$ 1,736.6	\$ 7,554.7
	Revenue Estimate	\$ 88	\$ 126	\$ 133	\$ 142	\$ 153	\$ 163	\$ 172	\$ 180	\$ 189	\$ 197	\$ 1,542.2	
	Annual Balance	\$ (12)	\$ (49)	\$ (111)	\$ (60)	\$ (18)	\$ (38)	\$ (26)	\$ (12)	\$ 62	\$ 70	\$ (194.4)	
	Cumulative Balance	\$ (12)	\$ (61)	\$ (172)	\$ (232)	\$ (250)	\$ (288)	\$ (314)	\$ (326)	\$ (265)	\$ (194)		

**Measure R Highway Projects
Potential Funding Strategy**

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Meas R Ref #	(\$ in millions)	Estimated Delivery Date	Need: Est. Escalated Cost	Meas R incl Escal***	Already Progrmd	Tolls/ PPP	Rail-roads	Container Fees	STATE			FEDERAL					TOTAL ALL SOURCES		
									High Sp. Rail	PUC	Other*	SHOPP	Earmarks	Cap/ Trade	FRA	Increased Formula		Metro Area	Goods Mvt
Escalated																			
22	ACE Grade Separations Phase II	FY 2017	\$ 1,123	\$400	\$352		\$20			\$5			\$70		\$2			\$274	\$ 1,123
23	BNSF Grade Separations	FY 2017+	\$ 270	\$35					\$185		\$15		\$35						\$ 270
24	Soundwalls	FY 14-39	\$ 2,400	\$250							\$2,150								\$ 2,400
25	High Desert Corridor Environ (LA Cnty)	FY 2014	\$ 33	\$33		Fully Funded													\$ 33
	High Desert Corridor Construc (LA Cnty)	FY 2020	\$ 3,031	\$0		\$1,516		Maybe			\$316		\$125			\$537		\$538	\$ 3,031
26	I-5/SR-14 Replacement Project		\$ 91	\$91															\$ 91
27	I-5 South Replacement/ Enhancements		\$ 265	\$265															\$ 265
28	I-5 (SR-134 to SR-170) Replacement Project		\$ 272	\$272															\$ 272
29	I-5 Carmenita Int Replacement/ Enhancements		\$ 138	\$138															\$ 138
SUBTOTAL			\$ 7,622	\$1,483	\$352	\$1,516	\$20	\$0	\$185	\$5	\$2,481	\$0	\$230	\$0	\$2	\$537	\$0	\$812	\$ 7,622
Current \$																			
31	Arroyo Verdugo Operational Improve.	FY 2014+	\$ 259 **	\$259															\$ 259
32	Las Virgenes/Malibu Operational Improve.	FY 2014+	\$ 260 **	\$260															\$ 260
33	South Bay Ramp & Interchange Improve.	FY 2014+	\$ 1,512 **	\$1,512															\$ 1,512
34	I-5 North Truck Lane (Construction)	FY 14, 25, 39	\$ 5,271	\$554		\$2,635		Maybe			\$600	\$100	\$200			\$637	\$270	\$275	\$ 5,271
35	I-605 Hot Spot Intchg (Gateway Cities)	FY 15-25	\$ 3,200	\$733							\$67		\$600			\$500	\$800	\$500	\$ 3,200
36	I-710 North	FY 2025+	\$ 5,636	\$1,050		\$2,818					\$200		\$200			\$1,368		Maybe	\$ 5,636
37	I-710 Early Action	FY 2022	\$ 687	\$687															\$ 687
37	I-710 South (PPP)	FY 2025	\$ 6,264	\$0		\$3,200		\$500					\$464	\$250			\$50	\$1,800	\$ 6,264
38	Route 138 Capacity Enhancements	FY 12-20	\$ 346	\$248							\$62 (LRTP)					\$36 (LRTP)			\$ 346
SUBTOTAL			\$ 23,435	\$5,303	\$0	\$8,653	\$0	\$500	\$0	\$0	\$929	\$100	\$1,464	\$250	\$0	\$2,541	\$1,120	\$2,575	\$ 23,435
TOTAL			\$ 31,057	\$6,786	\$352	\$10,169	\$20	\$500	\$185	\$5	\$3,410	\$100	\$1,694	\$250	\$2	\$3,078	\$1,120	\$3,387	\$ 31,057

* Other State includes STIP Programs (Regional Improvement, Interregional Improvement, and Intercity Rail), state bond programs, other state funding programs.

** Total project cost depends on Board-approved project list.

***If borrowing is required to meet Measure R cash flow needs, escalation amounts would be reduced.