



2019 Regional Plan Network Concepts

Projects by Phase Year: DRAFT Managed Lanes and Highway Network

MANAGED LANE/TOLL LANE PROJECTS	CONCEPT A: SHARED MOBILITY			CONCEPT B: CONNECTED CORRIDORS			CONCEPT C: POLICY POSSIBILITIES			ESTIMATED CAPITAL COSTS (\$2018) MILLIONS*
	2025	2035	2050	2025	2035	2050	2025	2035	2050	
I-5: Add two managed lanes between SR 905 and SR 54 Supports <i>Rapid</i> 640			✓						✓	\$529
I-5: Add two managed lanes between SR 54 and SR 15 Supports <i>Rapid</i> 640		✓				✓			✓	\$584
I-5: Add two managed lanes between I-8 and La Jolla Village Drive						✓				\$954
I-5: Add two managed lanes, plus connectors, between La Jolla Village Drive and SR 56 Supports <i>Rapid</i> 562, 650, 653			✓		✓				✓	\$411
I-5: West to North and South to East connectors to SR 56						✓				\$350
I-5: Add two managed lanes between Manchester Avenue and SR 78 Supports <i>Rapid</i> 650, 653	✓			✓			✓			\$525
I-5: Add two managed lanes between SR 56 and SR 78						✓				\$1,542
I-5: Add two managed lanes between SR 78 and Vandegrift Blvd.					✓					\$113
I-5: Add (two additional) managed lanes between SR 78 and Vandegrift Blvd. Four managed lanes total.			✓			✓			✓	\$617
I-5: Add two toll lanes between Vandegrift Blvd. and Orange County Supports <i>Rapid</i> 653			✓						✓	\$1,010
I-5: Add four toll lanes between Vandegrift Blvd. and Orange County Supports <i>Rapid</i> 653						✓				\$3,087
SR 11/Otay Mesa Port of Entry (POE): Four toll lanes, plus southbound connectors, between Enrico Fermi Drive and Mexico Supports <i>Rapid</i> 950	✓			✓			✓			\$635
I-15: Add two managed lanes on a viaduct over Mission Valley						✓				\$1,014
I-15: Add two managed lanes between I-8 and SR 163 Supports <i>Rapid</i> 653, 690	✓				✓		✓			\$62
I-15: Add four toll lanes between SR 78 and Riverside County Supports <i>Rapid</i> 236			✓			✓			✓	\$1,701
SR 52: Add two managed lanes, plus connectors, between I-15 and I-805 Supports <i>Rapid</i> 653, 870, 890			✓		✓				✓	\$232
SR 52: Add two managed lanes, plus connectors, between I-15 and SR 125 Supports <i>Rapid</i> 870, 890			✓		✓				✓	\$910
SR 78: Add two managed lanes, plus general purpose and managed lane connectors, between I-5 and Twin Oaks Valley Road			✓		✓				✓	\$1,729
SR 78: Add two managed lanes, plus connectors and operational improvements, between Twin Oaks Valley Road and I-15			✓	✓					✓	\$350

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	2025	2035	2050	2025	2035	2050	2025	2035	2050	
SR 94: Add two managed lanes, plus connectors and 28th Street inline station, between I-5 and I-805 Supports <i>Rapid</i> 90, 225, 235			✓			✓			✓	\$1,089
SR 94: Add two managed lanes between I-805 and SR 125 Supports <i>Rapid</i> 90						✓				\$488
SR 125: Add two freeway lanes and two managed lanes between SR 54 and I-8 Supports <i>Rapid</i> 90			✓							\$673
SR 241: Add four toll lanes between Orange County and I-5	✓			✓			✓			\$464
SR 241: Add two toll lanes (total of six) between Orange County and I-5		✓			✓			✓		\$70
I-805: Add two managed lanes, plus south-facing DAR at Palomar Street, from SR 905 to Palomar Street Supports <i>Rapid</i> 688			✓						✓	\$229
I-805: Add two managed lanes between SR 54 and SR 94 Supports <i>Rapid</i> 225, 650, 688, 689			✓						✓	\$724
I-805: Add two managed lanes, plus connectors, between SR 94 and SR 15 Supports <i>Rapid</i> 225, 650, 688, 689	✓			✓			✓			\$324
I-805: Add two managed lanes (restripe viaduct) between SR 15 and SR 163 Supports <i>Rapid</i> 650, 689, 690	✓				✓		✓			\$616
I-805: Add two managed lanes between SR 163 and SR 52 Supports <i>Rapid</i> 650, 689, 690		✓		✓				✓		\$190
I-805: Add two managed lanes, plus DAR at Nobel Drive, between SR 52 and Carroll Canyon Road Supports <i>Rapid</i> 650, 653, 688, 689, 690, 870, 890					✓					\$759

HIGHWAY PROJECTS	CONCEPT A: SHARED MOBILITY			CONCEPT B: CONNECTED CORRIDORS			CONCEPT C: POLICY POSSIBILITIES			ESTIMATED CAPITAL COSTS (\$2018) MILLIONS*
	2025	2035	2050	2025	2035	2050	2025	2035	2050	
I-8: Add two freeway lanes between 2nd Street and Los Coches Road					✓					\$43
SR 56: Add two freeway lanes, plus north to west connector, between I-5 and I-15			✓		✓				✓	\$367
SR 94: Add two freeway lanes between Avocado Blvd and SR 125						✓				\$185
SR 125: Add four freeway lanes between SR 905 and SR 54			✓			✓			✓	\$554
SR 94 / SR 125 south to east connector				✓						\$120

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OPERATIONAL IMPROVEMENTS	CONCEPT A: SHARED MOBILITY			CONCEPT B: CONNECTED CORRIDORS			CONCEPT C: POLICY POSSIBILITIES			ESTIMATED CAPITAL COSTS (\$2018) MILLIONS*
	2025	2035	2050	2025	2035	2050	2025	2035	2050	
I-5: Operational improvements between SR 54 and 28th Street Supports <i>Rapid</i> 640	✓			✓			✓			\$41
I-5: Operational improvements between SR 15 and I-8 Supports <i>Rapid</i> 640			✓			✓			✓	\$1,936
I-5: Operational improvements between Mission Avenue and SR 76				✓						\$21
I-8: Operational improvements between I-5 and SR 67				✓						\$26
SR 52: Add two freeway lanes and add operational improvements between I-15 and SR 125 Supports <i>Rapid</i> 870 and 890				✓						\$67
SR 56: Operational improvements between I-5 and Carmel Country Road Supports <i>Rapid</i> 103	✓			✓			✓			\$36
SR 76: Operational improvements between I-15 and Couser Canyon			✓			✓			✓	\$46
SR 78: Operational improvements between Mar Vista Drive and Twin Oaks Valley Road		✓		✓				✓		\$175
SR 125: Operational improvements between SR 94 and I-8 Supports Route 90	✓			✓			✓			\$41
I-805: Operational improvements between Naples Street and Home Avenue Supports <i>Rapid</i> 225, 650, 688, 689	✓			✓			✓			\$51
I-805: Operational improvements between SR 52 and Nobel Drive Supports <i>Rapid</i> 650, 653	✓			✓			✓			\$42
Coronado Bridge safety improvements Supports <i>Rapid</i> 910	✓			✓			✓			TBD

*Dollars shown in \$2018 millions. Actual cost will reflect Year-of-Expenditure dollars which includes a compounded interest factor of 2.77 percent annually