



2019 Regional Plan Network Concepts

Projects by Phase Year: DRAFT Transit Network

TRANSIT 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	
Commuter rail double tracking (20-minute peak and 60-minute off-peak frequencies)	✓			✓			✓			\$594
Commuter rail double tracking (including grade separations at Leucadia Blvd., stations/platforms at Convention Center/Gaslamp Quarter and Del Mar Fairgrounds, and extension to Camp Pendleton)		✓			✓			✓		\$679
Commuter rail double tracking (including Del Mar Tunnel)			✓						✓	\$3,824
SPRINTER track upgrades for 15-minute frequencies	✓			✓			✓			\$550
SPRINTER double tracking (Oceanside to Escondido and six rail grade separations at El Camino Real, Melrose Dr., Vista Village Dr./Main St., North Dr., Civic Center, Auto Parkway and Mission Ave.)		✓			✓			✓		\$652
SPRINTER Branch Extension to Westfield North County			✓			✓			✓	\$671
Mid-Coast Trolley Extension	✓			✓			✓			\$1,241
Trolley: Blue Line Frequency Enhancements (7.5-minutes all day) and Rail Grade Separations (28th St., 32nd St., E St., H St., Palomar, and Blue/Orange Track Connection at 12th/Imperial)		✓			✓			✓		\$288
Trolley: Blue Line rail grade separations at Taylor St. and Ash St.			✓			✓			✓	\$289
Trolley: Orange Line Frequency Enhancements (7.5-minute peak/15-minute off-peak) and four rail grade separations at Euclid Ave., Broadway/Lemon Grove Ave., Allison Ave./University Ave., Severin Dr.		✓			✓			✓		\$357
Trolley: Green Line Frequency Enhancements (7.5-minute peak/15-minute off-peak) ¹			✓			✓			✓	\$0
Trolley: Green Line Station at Riverwalk		✓			✓			✓		TBD
Rapid 2: North Park to downtown San Diego via 30th St., Golden Hill			✓			✓			✓	\$53
Rapid 10: La Mesa to Ocean Beach via Mid-City, Hillcrest, Old Town	✓					✓	✓			\$55
Rapid 12: Spring Valley to Downtown to SDSU		✓				✓		✓		\$63
Rapid 215: Infrastructure Enhancements		✓				✓		✓		\$24
Rapid 28: Point Loma to Kearny Mesa via Old Town, Linda Vista		✓				✓		✓		\$89
Rapid 30: Old Town to Sorrento Mesa via Pacific Beach, La Jolla, UTC (includes stop at Mid-Coast Balboa Station)		✓				✓		✓		\$189
Rapid 41: Downtown to UTC/UC San Diego via Fashion Valley, Linda Vista, and Clairemont		✓				✓		✓		\$94
Rapid 90: El Cajon Transit Center to San Diego International Airport ITC via SR 94, City College (peak only)	✓				✓		✓			\$27

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	2025	2035	2050	2025	2035	2050	2025	2035	2050	
<i>Rapid</i> 103: Solana Beach to Sabre Springs <i>Rapid</i> station via SR 56 (peak only)		✓				✓		✓		\$67
<i>Rapid</i> 120: Kearny Mesa to Downtown San Diego via Mission Valley			✓			✓			✓	\$124
<i>Rapid</i> 225: Additional stations at Plaza and H St.		✓						✓		\$532
<i>Rapid</i> inline stations on SR 163 at Sharp/Children's Hospital, University Ave.: Kearny Mesa to Downtown San Diego via SR 163		✓				✓		✓		\$167
<i>Rapid</i> 236: Temecula (peak only) to Escondido Transit Center			✓			✓			✓	\$131
<i>Rapid</i> 237: Miramar College to UC San Diego via Carroll Canyon Rd.	✓			✓			✓			\$20
<i>Rapid</i> 440: Carlsbad to Escondido Transit Center via Palomar Airport Rd.		✓						✓		\$137
<i>Rapid</i> 471: Downtown Escondido to East Escondido			✓						✓	\$45
<i>Rapid</i> 473: Oceanside to UTC/UC San Diego via Hwy 101 Coastal Communities, Carmel Valley		✓				✓		✓		\$245
<i>Rapid</i> 474: Oceanside to Vista via Mission Ave./Santa Fe Rd. Corridor			✓						✓	\$97
<i>Rapid</i> 477: Camp Pendleton to Carlsbad Village via College Blvd., Plaza Camino Real						✓				\$142
<i>Rapid</i> 625: SDSU to Palomar Station via East San Diego, Southeast San Diego, National City		✓				✓		✓		\$109
<i>Rapid</i> 635: Eastlake to Palomar Trolley via Main St. Corridor		✓						✓		\$102
<i>Rapid</i> 637: North Park to 32nd St. Trolley Station via Golden Hill	✓						✓			\$59
<i>Rapid</i> 640A: I-5 - San Ysidro to Old Town Transit Center via City College	✓				✓		✓			\$205
<i>Rapid</i> 640B: I-5 Iris/Trolley/Palomar to Kearny Mesa via Chula Vista, National City, and City College	✓				✓		✓			See <i>Rapid</i> 640A
<i>Rapid</i> 650: Chula Vista to Oceanside Transit Center via I-805/I-5 (peak only)		✓				✓		✓		\$295
<i>Rapid</i> 653: Mid-City to Oceanside Transit Center via transit guideway from I-15 to Qualcomm Stadium (peak only)		✓				✓		✓		\$85
<i>Rapid</i> 662: San Ysidro to Carmel Valley		✓			✓			✓		\$1,406
<i>Rapid</i> 663: Mid-Coast Trolley Station to Stadium		✓				✓		✓		\$1,058
<i>Rapid</i> 688: San Ysidro to Sorrento Mesa via I-805/I-15/SR 52 Corridors (peak only)		✓				✓		✓		\$185

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	2025	2035	2050	2025	2035	2050	2025	2035	2050	
Rapid 689: Otay Mesa Port of Entry (POE) to UTC/Torrey Pines via Otay Ranch/Millennia, I-805 Corridor (peak only) including Otay Valley Rd. ramps		✓				✓		✓		See Rapid 688
Rapid 690: Mid-City to Sorrento Mesa via I-805 Corridor (peak only)		✓				✓		✓		See Rapid 688
Rapid 709: H St. Trolley Station to Millennia via H St. Corridor, Southwestern College	✓						✓			\$87
Rapid 870: El Cajon to UTC via Santee, SR 52, I-805 (peak only)			✓			✓			✓	\$98
Rapid 890: El Cajon to Sorrento Mesa via SR 52, Kearny Mesa (peak only)			✓			✓			✓	\$20
Rapid 910: Coronado to Downtown via Coronado Bridge		✓				✓		✓		\$53
Rapid 950: Extension of current route 950 to include Imperial Beach	✓			✓			✓			\$9
Airport Express Routes ²	✓			✓			✓			\$0
San Marcos Shuttle ³		✓			✓			✓		\$0
Microtransit: Camp Pendleton to Carlsbad Village via College Blvd., Plaza Camino Real			✓						✓	\$50
Microtransit: Mission Beach to La Jolla via Pacific Beach			✓			✓			✓	\$125
Microtransit: SDSU to Spring Valley via East San Diego, Lemon Grove, Skyline		✓				✓		✓		\$92
Microtransit: Iris Trolley Station to Otay Mesa via Otay, Airway Dr., SR 905 Corridor		✓				✓		✓		\$88
Skyway: Pacific Beach to Mid Coast		✓				✓		✓		\$182
Skyway: Sorrento Valley Skyway and COASTER Station Relocation			✓			✓			✓	\$183
Skyway: Convention Center to San Diego International Airport	Under study			Under study			Under study			\$250
Skyway: Balboa Park to Downtown San Diego			✓			✓			✓	\$65
Streetcar: Downtown San Diego: Little Italy to East Village ⁴			✓			✓			✓	\$15
Streetcar: 30th St. to Downtown San Diego via North Park/Golden Hill ⁴			✓			✓			✓	\$22
San Diego International Airport Intermodal Transit Center and COASTER station and I-5 Direct Connector Ramps		✓			✓			✓		\$189
San Ysidro Intermodal Transit Center Phase I		✓			✓			✓		\$106
San Ysidro Intermodal Transit Center Phase II			✓			✓			✓	\$26

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OTHER TRANSIT 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	
Increase select local transit frequencies to 15 minutes ¹	✓						✓			\$0
Increase select local transit frequencies to 10 minutes ¹		✓						✓		\$0
Vehicle replacement	Throughout			Throughout			Throughout			
Transit system rehabilitation	Throughout			Throughout			Throughout			
Maintenance facilities	Throughout			Throughout			Throughout			
Intelligent Transportation System (ITS) (including transit signal priority, adaptive signals, and Universal Transportation Account)	Throughout			Throughout			Throughout			
Regulatory compliance (including zero emission fleets and quiet zones)	Throughout			Throughout			Throughout			
Park & Ride lots	Throughout			Throughout			Throughout			

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

1. Transit Frequency cost estimates will be included in separate transit operations cost categories
2. Implementation of these services is dependent upon funding from aviation and other private sources
3. Capital cost funded by the City of San Marcos
4. Streetcar cost is representative of 10 percent of the total capital cost

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