

SANDAG Bikeways Early Action Program (EAP): Segmenting and Re- Prioritizing the San Diego Adopted Regional Bicycle Network (DRAFT 10/7/21)

Introduction:

This document summarizes processes for segmenting and prioritizing the regional bicycle network to identify high priority projects and provide a foundation for implementation phasing. The prioritization framework relies upon demand-based criteria as described in the following sections. First, it is important to acknowledge earlier SANDAG-led efforts which defined the current iteration of the Adopted Regional Bicycle Network through similar efforts (the following list is not intended to be an exhaustive accounting of all work-to-date):

- 2000 Coastal Rail Trail **Project Study Report** and **Alignment Concept Plan**
- 2006 Bayshore Bikeway **Plan**
- 2010 San Diego Regional Bicycle **Plan, Appendices**, and **EIR**
- 2013 Early Action Program (**EAP**)
- Regional Bikeways **Projects**, e.g., the Capital Improvement **Program** (CIP)
- 2021 Draft **Regional Plan**

As a point of clarification, these bulleted documents might commonly be referred to as Projects, Plans, or Corridors but for the purposes of this effort we are discussing the synthesis of all these into the “Network” (which totals 580 centerline miles).

Segments of the Network which are not being re-prioritized during this process include existing Class I Bikeways, and the Regional Bikeways Projects anticipated to be completed on or before 2025 (161 miles total). A full list of the projects which comprise the 419 miles being re-prioritized in this effort are listed in Table A.1, below.

Demand-Based Criteria

“Bicycle demand” for this effort is conceptualized as a function of attractors or generators - including Employment Centers (Tiers 1-4) and Population (cumulative for intersected zones) normalized by distance along the proposed bicycle network’s project alignments using a spatial interaction approach. Additional criteria are included in this analysis using the same approach to help rank the project segments and determine the order by which these will be advanced out of the planning phase and into preliminary engineering, design, and construction. These additional criteria include the Mobility Hub sheds where greater regional access via transit is expected, and the Disadvantaged Communities as identified consistent with the 2021 draft Regional Plan. Datasets used include the 2035 and 2050 Phases of the “Adopted Regional Bike Network” from the 2021 draft Regional Plan (as Target Features) with scoring applied using, at a minimum, the following intersecting Join Features:

- Employment Centers (Tiers 1-4)
- Population (DS39_Forecast_Data)
- Mobility Hubs (Draft 2021 RTP)
- CalEnviroScreen 3.0 (AB805 Disadvantaged Communities, Additional CBO Network Communities)

Adopted Regional Bicycle Network

Figure A.1 shows the entire network from the Draft 2021 Regional Plan at full build-out in 2050. There are 114 project segments in the 2035 and 2050 Phase Years which are identified for re-prioritization in Table A.1, below.

Active Transportation

Active Transportation projects include both on- and off-street improvements to create a safe and comfortable space for people to walk, bike, and ride micromobility options. Regional Bike Network costs were updated to reflect the comprehensive nature of active transportation projects, which often include retrofitting existing streets and roadways to meet the needs of users of all ages and abilities. Additionally, costs reflect information from projects already under construction or completed in the Bike Early Action Program.

For more details on the inclusion of Active Transportation projects and programs in the *Draft 2021 Regional Plan*, please see specifically **Appendix A: Transportation Projects, Programs, and Phasing**, **Appendix B: Implementation Actions**, and **Appendix L: Active Transportation** and the Explore tab in the **Data Viewer**.

Figure A.1: Adopted Regional Bike Network 2050



Table A.1: Adopted Regional Bike Network's Projects Phased-in at 2035, and 2050 in the Draft 2021 Regional Plan

Adopted Regional Bike Network for Re-Prioritization						
Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT011	2035	Active Transportation	Pacific Coast Highway / Central Mobility Bikeway	On-Street	CMH	\$35.00
AT012	2035	Active Transportation	El Prado: Cross-Park	On-Street	CMH	\$1.00
AT013	2035	Active Transportation	North Park/Mid-City Bikeways: Monroe Bikeway	On-Street	I-15	\$6.00
AT014	2035	Active Transportation	Uptown Bikeways: Park Boulevard Bikeway	On-Street	CMH	\$4.00
AT015	2035	Active Transportation	Bayshore Bikeway: Segment 8B Main St. to Ada St.	Off-Street	SB2S	\$5.14
AT016	2035	Active Transportation	Bayshore Bikeway Upgrades	Off-Street	CMH	\$16.92
AT017	2035	Active Transportation	Central Coast Corridor	Off-Street and On-Street	CMH	\$37.32
AT018	2035	Active Transportation	Centre City - La Mesa Corridor	On-Street	SR 94	\$65.88
AT019	2035	Active Transportation	Chula Vista (J Street)	On-Street	SB2S	\$8.95
AT020	2035	Active Transportation	City Heights - Old Town Corridor	On-Street	CMH	\$5.27
AT021	2035	Active Transportation	City Heights/Fairmount Corridor	Off-Street and On-Street	SB2S	\$44.20
AT022	2035	Active Transportation	Coastal Rail Trail Connections - Oceanside and Carlsbad	Off-Street and On-Street	I-5 NCC	\$0.31
AT023	2035	Active Transportation	Coastal Rail Trail - Rose Canyon	Off-Street	CCT	\$30.71
AT024	2035	Active Transportation	Coastal Rail Trail Carlsbad	Off-Street	North County Corridor	\$6.47
AT025	2035	Active Transportation	Coastal Rail Trail Carlsbad - Reach 3 Tamarack to Cannon	Off-Street	North County Corridor	\$11.37
AT026	2035	Active Transportation	Coastal Rail Trail Carlsbad - Reach 4 Cannon to Palomar Airport Rd	Off-Street	North County Corridor	\$8.42
AT027	2035	Active Transportation	Coastal Rail Trail Carlsbad - Reach 5 Palomar Airport Rd to Poinsettia Station	Off-Street	North County Corridor	\$9.23

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT028	2035	Active Transportation	Coastal Rail Trail Del Mar	Off-Street	North County Corridor	\$25.68
AT029	2035	Active Transportation	Coastal Rail Trail Encinitas - Carlsbad to Leucadia Blvd	Off-Street	I-5 NCC	\$12.17
AT030	2035	Active Transportation	Coastal Rail Trail Oceanside - Loma Alta Marsh bridge	Off-Street	I-5 NCC	\$4.13
AT031	2035	Active Transportation	Coastal Rail Trail Oceanside - Broadway to Eaton	Off-Street	North County Corridor	\$1.47
AT032	2035	Active Transportation	Coastal Rail Trail San Diego - Carmel Valley to Roselle via Sorrento	Off-Street	SB2S	\$19.83
AT033	2035	Active Transportation	Coastal Rail Trail San Diego - Del Mar to Sorrento via Carmel Valley	Off-Street	SB2S	\$22.93
AT034	2035	Active Transportation	Coastal Rail Trail San Diego - Mission Bay (Clairemont to Tecolote)	Off-Street	CMH	\$14.89
AT035	2035	Active Transportation	Coastal Rail Trail San Diego - Pac Hwy (Fiesta Island Rd to Taylor St)	Off-Street and On-Street	CMH	\$5.97
AT036	2035	Active Transportation	Coastal Rail Trail San Diego - Roselle Canyon	On-Street	SB2S	\$12.36
AT037	2035	Active Transportation	Coastal Rail Trail San Diego - UTC to Rose Canyon	Off-Street	SB2S	\$11.03
AT038	2035	Active Transportation	Downtown San Diego to Encanto	Off-Street	SR 94	\$11.36
AT039	2035	Active Transportation	Downtown to Southeast	Off-Street	SR 94	\$2.68
AT040	2035	Active Transportation	Encanto to Chula Vista National City connections	On-Street	SB2S	\$35.04
AT041	2035	Active Transportation	Encanto, Lincoln Heights to Lemon Grove	On-Street	SR 94	\$21.77
AT042	2035	Active Transportation	Harbor Dr (Downtown to Ocean Beach)	On-Street	CMH	\$1.68
AT043	2035	Active Transportation	Hillcrest - El Cajon Corridor	On-Street	I-8	\$26.44
AT044	2035	Active Transportation	Hillcrest to Balboa Park	Off-Street	I-15	\$5.79
AT045	2035	Active Transportation	I-15 Bikeway – Camino del Rio South to Rancho Mission Rd	On-Street	I-15	\$3.97

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT046	2035	Active Transportation	I-15 Bikeway – Rancho Mission Rd to Murphy Canyon Bike Path	On-Street	I-15	\$3.05
AT047	2035	Active Transportation	Imperial Beach Connector	Off-Street and On-Street	SB2S	\$10.43
AT048	2035	Active Transportation	Imperial Bikeway to J St Cycle Track Connector	Off-Street	CMH	\$2.58
AT049	2035	Active Transportation	Inland Rail Trail: Oceanside	On-Street	North County Corridor	\$67.99
AT050	2035	Active Transportation	Kearny Mesa to Beaches Corridor – Clairemont Dr (Mission Bay to Burgener)	On-Street	I-8	\$5.94
AT051	2035	Active Transportation	La Mesa Corridor - SR-125 Corridor to East County Northern Loop	Off-Street	SR 125	\$6.48
AT052	2035	Active Transportation	Mira Mesa Neighborhood Bikeway	On-Street	I-15	\$25.92
AT053	2035	Active Transportation	Mission Valley - Chula Vista Corridor	On-Street	I-15	\$2.06
AT054	2035	Active Transportation	North Park to Downtown	On-Street	CMH	\$3.40
AT055	2035	Active Transportation	Pacific Beach to East Mission Bay	On-Street	CMH	\$22.97
AT056	2035	Active Transportation	San Diego River Bikeway Connections	On-Street	I-8	\$15.73
AT057	2035	Active Transportation	San Diego River Bikeway - Camino Del Rio North to Father Junipero Serra Trail (Roadway ALT)	Off-Street and On-Street	I-15	\$26.83
AT058	2035	Active Transportation	San Diego River Trail - Camino Del Rio North	Off-Street	I-15	\$1.17
AT059	2035	Active Transportation	San Diego River Trail - Father Junipero Serra Trail to West Hills Parkway	On-Street	CCT	\$16.71
AT060	2035	Active Transportation	San Diego River Trail - I 805 to Fenton Parkway	On-Street	I-8	\$5.01
AT061	2035	Active Transportation	San Diego River Trail - Mast Park to Lakeside baseball park	On-Street	CCT	\$29.95
AT062	2035	Active Transportation	San Diego River Trail - Qualcomm Stadium to Ward Rd	Off-Street	I-8	\$1.85

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT063	2035	Active Transportation	San Diego River Trail - Qualcomm Way to 805	Off-Street	I-8	\$3.06
AT064	2035	Active Transportation	San Diego River Trail - Rancho Mission Rd to Camino Del Rio North	Off-Street	I-15	\$1.14
AT065	2035	Active Transportation	Santee - El Cajon Corridor - Forester Creek Connection	Off-Street	CCT	\$4.01
AT066	2050	Active Transportation	Bay to Ranch Bikeway	Off-Street	SB2S	\$26.74
AT067	2050	Active Transportation	Border Access Corridor	Off-Street	SB2S	\$2.81
AT068	2050	Active Transportation	Camp Pendleton Trail	On-Street	North County Corridor	\$95.68
AT069	2050	Active Transportation	Carlsbad - San Marcos Corridor	Off-Street	North County Corridor	\$60.74
AT070	2050	Active Transportation	Central Coast Corridor	On-Street	SB2S	\$64.54
AT071	2050	Active Transportation	Chula Vista Greenbelt	On-Street	SB2S	\$33.68
AT072	2050	Active Transportation	Clairemont - Centre City Corridor	On-Street	SB2S	\$51.66
AT073	2050	Active Transportation	Coastal Rail Trail Connections	On-Street	I-5 NCC	\$16.19
AT074	2050	Active Transportation	Coastal Rail Trail - Oceanside Segment 1 ALT	Off-Street and On-Street	North County Corridor	\$6.13
AT075	2050	Active Transportation	East County Northern Loop	On-Street	SR 94	\$56.19
AT076	2050	Active Transportation	East County Southern Loop	On-Street	SR 125	\$25.66
AT077	2050	Active Transportation	El Camino Real	On-Street	North County Corridor	\$119.98
AT078	2050	Active Transportation	Encinitas - San Marcos Corridor	On-Street	North County Corridor	\$41.06
AT079	2050	Active Transportation	Encinitas to San Marcos Corridor – Double Peak Dr to San Marcos Blvd	On-Street	North County Corridor	\$29.58
AT080	2050	Active Transportation	Encinitas to San Marcos Corridor – Leucadia Blvd to El Camino Real	On-Street	I-5 NCC	\$6.00
AT081	2050	Active Transportation	Gilman Connector	Off-Street	CCT	\$2.80

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT082	2050	Active Transportation	Grossmont College	Off-Street	SR 125	\$1.22
AT083	2050	Active Transportation	Hillcrest - El Cajon Corridor	On-Street	SR 94	\$18.15
AT084	2050	Active Transportation	I-15 Bikeway – Citracado Pkwy to Country Club Ln	On-Street	I-15	\$30.74
AT085	2050	Active Transportation	I-15 Bikeway – Country Club Ln to Rainbow Valley Blvd	On-Street	I-15	\$128.17
AT086	2050	Active Transportation	I-15 Bikeway – Murphy Canyon Rd to Affinity Ct	On-Street	I-15	\$85.17
AT087	2050	Active Transportation	I-15 Bikeway – Poway Rd interchange to Carmel Mountain Rd	On-Street	I-15	\$76.25
AT088	2050	Active Transportation	I-15 Bikeway – Rancho Bernardo Community Park	Off-Street and On-Street	I-15	\$4.15
AT090	2050	Active Transportation	I-15 Bikeway – Via Rancho Pkwy to Citracado Pkwy	Off-Street	I-15	\$4.69
AT091	2050	Active Transportation	I-15 Bikeway – Via Rancho Pkwy to Lost Oak Ln	Off-Street	I-15	\$11.54
AT092	2050	Active Transportation	I-8 Corridor – Lake Jennings Park Rd to Dunbar Ln	Off-Street and On-Street	Rural	\$22.87
AT093	2050	Active Transportation	I-8 Corridor – Olde HWY 80 to Willows Rd	Off-Street	Rural	\$55.00
AT094	2050	Active Transportation	I-8 Corridor – San Diego River Trail to Olde HWY 80	On-Street	CCT	\$29.56
AT095	2050	Active Transportation	I-8 Corridor – Willows Rd to SR 79	On-Street	Rural	\$22.11
AT096	2050	Active Transportation	I-805 Connector	On-Street	SB2S	\$6.87
AT097	2050	Active Transportation	I-805 Connector – Bonita Rd to Floyd Ave	On-Street	SB2S	\$10.00
AT099	2050	Active Transportation	Kearny Mesa to Beaches Corridor – Clairemont Dr to Genesee Ave	Off-Street	CCT	\$13.69
AT100	2050	Active Transportation	Kearny Mesa to Beaches Corridor – Genesee Ave to Linda Vista Rd	Off-Street	SB2S	\$7.95
AT101	2050	Active Transportation	Kearny Mesa to Beaches Corridor – Linda Vista Rd to I-15 Bikeway	On-Street	SB2S	\$13.78

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT102	2050	Active Transportation	Kearny Mesa to Beaches Corridor – Mission Bl to Pacific Beach Dr	On-Street	CMH	\$7.37
AT103	2050	Active Transportation	La Mesa Regional Bike Network Connector	On-Street	I-8	\$1.89
AT104	2050	Active Transportation	Mid-County Bikeway – Coastal Rail Trail connection	On-Street	SR 56	\$34.37
AT105	2050	Active Transportation	Mid-County Bikeway – Inland Rail Trail Connection	On-Street	I-15	\$11.97
AT106	2050	Active Transportation	Mid-County Bikeway – Rancho Santa Fe segment	On-Street	North County Corridor	\$53.31
AT107	2050	Active Transportation	Mira Mesa Corridor – I-805 to Scranton Rd	On-Street	SB2S	\$2.38
AT108	2050	Active Transportation	Mira Mesa Corridor – Scranton Rd to I-15 Bikeway	On-Street	SB2S	\$29.94
AT109	2050	Active Transportation	Mira Mesa Corridor – Sorrento Valley Bl to Mira Mesa Bl	On-Street	SB2S	\$7.47
AT110	2050	Active Transportation	Pacific Beach to Mission Beach	On-Street	CCT	\$12.93
AT111	2050	Active Transportation	Poway Loop	On-Street	I-15	\$41.47
AT112	2050	Active Transportation	San Diego River Bikeway Connections	On-Street	I-8	\$10.91
AT113	2050	Active Transportation	San Luis Rey River Trail	On-Street	North County Corridor	\$96.96
AT114	2050	Active Transportation	Santee - El Cajon Corridor	Off-Street	I-8	\$15.57
AT115	2050	Active Transportation	SR 125 Connector – Bonita Rd to U.S.-Mexico Border	Off-Street	SR 125	\$84.82
AT116	2050	Active Transportation	SR 125 Corridor – East County Southern Loop to La Mesa/Lemon Grove/El Cajon connections	On-Street	SR 125	\$31.86
AT117	2050	Active Transportation	SR 125 Corridor - Grossmont College to Santee - El Cajon Corridor	Off-Street and On-Street	SR 125	\$12.16
AT118	2050	Active Transportation	SR 125 Corridor – Sweetwater Bikeway to East County Southern Loop	On-Street	SR 125	\$33.82
AT119	2050	Active Transportation	SR 52 Bikeway – I-5 to Santo Rd	On-Street	CCT	\$82.06

Adopted Regional Bike Network for Re-Prioritization

Project ID	Year Built	Category	Project Name	Description	Primary Corridor	Cost (\$2020) Millions
AT120	2050	Active Transportation	SR 52 Bikeway – SR 52/Mast Dr to San Diego River Trail	On-Street	CCT	\$5.86
AT121	2050	Active Transportation	SR 56 Bikeway – Azuaga St to Rancho Penasquitos Blvd	Off-Street	SR 56	\$6.17
AT122	2050	Active Transportation	SR 56 Bikeway – El Camino Real to Caminito Pointe	Off-Street	SB2S	\$5.27
AT123	2050	Active Transportation	SR-905 Corridor	Off-Street	SB2S	\$74.46
AT124	2050	Active Transportation	Vista Way Connector	Off-Street	North County Corridor	\$27.28
AT151	2050	Active Transportation	North Coast Bike Trail: Gilman Dr to San Luis Rey River Trail (remaining segments) Footnote: Project is consistent with the Caltrans North Coast Corridor (Build NCC) project	Off-Street	I-5 NCC	\$46
AT152	2050	Active Transportation	Chollas Creek Bikeways: North Fork - Bayshore Bikeway to University Bikeway and South Fork - Petway Park to Market Creek Plaza Footnote: Project to be developed in coordination with the City of San Diego CIP Project B-17113 (Chollas Creek to Bayshore Bikeway)	On-Street	SB2S	\$85