

SANDAG Upcoming Projects, September 22, 2022

North Coast Corridor

- Since early 2017, SANDAG has partnered with Caltrans on the construction of Build NCC, which invests nearly \$870 million in highway, rail, bike and pedestrian, and environmental improvements along the I-5 corridor from La Jolla Village Drive to State Route 78.
- Crews have completed the San Elijo Lagoon Restoration, four miles of bike and pedestrian trails, and opened carpool lanes from Manchester Avenue in Encinitas to Palomar Airport Road in Carlsbad. The extension of the carpool lanes from Palomar Airport Road to SR 78 in Oceanside is currently under construction and will be complete in mid-2023.

Coastal Rail Improvements

- Along the LOSSAN (Los Angeles-San Diego-San Luis Obispo) coastal rail corridor, construction is ongoing to extend double tracking between Oceanside and Downtown San Diego.
- Nearly 75 percent of the 60-mile San Diego segment of rail corridor has been double-tracked to allow two trains to operate simultaneously.
- San Dieguito Double Track – Phase 1 is anticipated to enter construction within the next year
- SANDAG recently received \$300 million from the state to support environmental clearance, preliminary engineering, advanced design and right of way for the San Dieguito to Sorrento Valley Double Track project.

SANDAG GO by BIKE Plan

- In 2013, the SANDAG Board allocated \$200 million in *TransNet* funds to expand the regional bike network as part of the Regional Bike Plan Early Action Program (EAP).
- Of the 68 miles of bikeways in the EAP, 23 miles have been constructed, 11 miles are in construction, 20 miles are in final design, and 13 miles in planning/engineering.
- Projects planned for construction to start within the next year include Eastern Hillcrest Bikeway, Imperial Avenue Bikeway, University Bikeway, Orange Bikeway, and Inland Rail Trail – Phase 3.

Environmental Mitigation Program

- To date, the EMP has preserved more than 9,215 acres of habitat in conjunction with local, state, and federal agencies, as well as conservation groups.
- In addition, over 800 acres of land is currently being restored to native habitats that include wetlands, coastal sage scrub and vernal pools. One of our largest efforts being the restoration of San Elijo Lagoon which was completed in the spring of 2022.
- The EMP has also provided 117 grants to local organizations and jurisdictions for land management efforts such as native habitat restoration and invasive species removal.

State Route 11 / Otay Mesa East Port of Entry

- This is a joint venture between the San Diego Association of Governments (SANDAG) and Caltrans, in collaboration with state and federal partners in the U.S. and Mexico, to create a 21st century border crossing for the San Diego-Baja California region that will enhance regional mobility and fuel economic growth and binational trade.

- This SANDAG priority project will reduce vehicle wait times and greenhouse gas emissions that will improve air quality in the border region.
- Construction has been completed the toll road SR 11 between SR 905 and the new Port of Entry location, interchanges, and connectors from SR 905 and SR 11 to SR 125.
- Construction recently started on site grading and utility relocation will be issued for construction shortly
- Design is progressing for the new land Port of Entry, a Commercial Vehicle Enforcement Facility, and ITS/tolling facilities.
- The project has secured more than \$565.2 million in local, state and federal funding and was recently awarded an additional \$150 million through the US DOT Multimodal Project Discretionary Grant Opportunity (MPDG).

Central Mobility Hub

- For decades, San Diego has explored ways to improve regional connectivity to the San Diego International Airport.
- We envision this solution to be a multimodal transportation center that could connect all regional public transit in addition to providing a direct connection to the airport.
- The team is developing concepts that will be presented to the SANDAG Board in the fall of 2022.
- Following this work, SANDAG will release an updated Notice of Preparation for the project to advance the CEQA environmental review process.



Project Updates

September 22, 2022

Rail

- COASTER platform at Convention Center/Gaslamp District
- SPRINTER 15-minute headways / signal modernization
- SONGS double track
- Bridge 225.4 repairs
- Oceanside Transit Center pedestrian crossing

Bus

- Hydrogen fueling station
- Battery electric bus infrastructure
- Zero-emissions bus fall protection
- BREEZE Operations East Facility site expansion

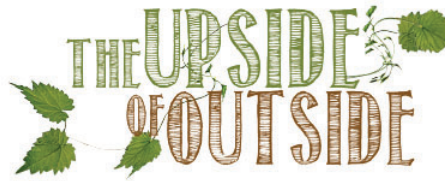
General

- Roof repair/replacements
- SPRINTER Operations Facility and BREEZE Operations East Facility gas detection system improvements
- Wayfinding signage
- Train wayside power cabinets
- Fall arrest anchors – Solana Beach Station slopes
- Solar system refurbishments
- Various HVAC replacements

Transit Oriented Development

- Oceanside Transit Center
- Carlsbad Poinsettia and Carlsbad Village stations
- Escondido Transit Center
- SPRINTER stations parking lots





County of San Diego – Parks and Recreation Funded and Upcoming Capital Projects

Bonsall Community Park



Construction of a 63-acre new park in Bonsall

Total Project Budget: \$24M, possibly phased approach

CMAR project advertisement in Fall 2022

Fallbrook Local Park (Village View)

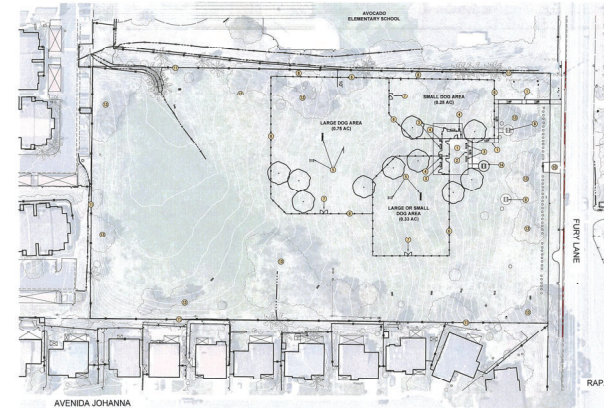


Construction of a 6.8-acre new park in Fallbrook

Total Project Budget: \$5.7M

Design-Bid-Build project anticipate advertisement Winter 2022/23

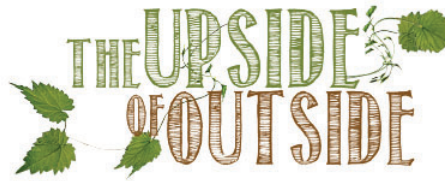
Lonny Brewer Park



Construction of a new 5-acre neighborhood park in Valle De Oro

Total Project Budget: \$400K

Design-Bid-Build project targeting advertisement Summer 2022

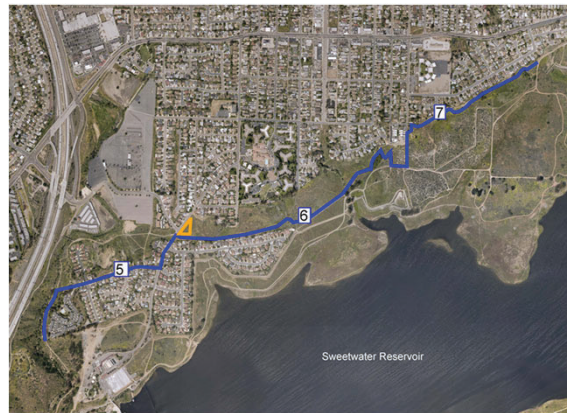


County of San Diego – Parks and Recreation Funded and Upcoming Capital Projects

Calavo Park



Sweetwater Loop Trail 5-7



Sweetwater Campground Expansion



Construction of a new 4-acre Spring Valley

Total Project Budget: \$16M

Design-Bid-Build project targeting advertisement in Winter 2022/23

Construction of a staging area to connect existing trails around Sweetwater Reservoir

Total Project Budget: \$1M

Design-Bid-Build project anticipate advertisement in Fall 2022

Construction of campground expansion with full hookups and PV

Total Project Budget \$4.1M

Design-Bid-Build project targeting advertisement Fall 2022

Current Capital Projects & JOC - DGS

Recently Completed (project value)

- Mt. Laguna Fire Station – \$6M

Recently Awarded JOC Contracts (finalizing contracts – **capacity ~ \$50M**)

- General Engineering A: 2 @ \$5M each
- General Building B: 3 @ \$5M each
- Electrical C-10: \$5M
- Mechanical C-20: \$5M
- Landscape C-27: \$2.5M
- Painting C-33: \$2.5M
- Flooring C-15: \$2.5M
- Electronic Security C-28 and C-10: \$2.5M
- Fire Protection C-16 and C-10: \$2.5M
- Roofing C-39: \$5M

In Design/Construction (project value) ~ **\$340M**

- Youth Transition Campus (Phase 2) – \$85M
- Southeastern Live Well Center – \$76M
- Hall of Justice MSRP – \$65M
- George Bailey Detention Facility Electronic Security – \$45M
- Lakeside Library – \$18M
- East Otay Mesa Fire Station – \$20M
- Tri-City Psychiatric Health Facility – \$21M
- Edgemoor Acute Psychiatric Unit – \$13M

RFP Stage (project value) ~ **\$50M**

- Animal Shelter – Design-Build – \$26M – Complete Summer/Fall 2024
- HHSA Ramona Community Resource Center – Design-Build – \$15M – Complete Winter 2024-25
- Julian and Rancho San Diego Library Expansions – CMAR – \$8.6M – Complete Summer 2023



July 2022



Current Capital Projects & JOC - DGS

Design (current funding level)

- Central Region Behavioral Health Hub (Hillcrest) – \$12M – **CMAR (not selected)**

Planning (Current and Following FY) ~ \$120M

- Public Health Lab at COC – Finalizing Programming (**DDA w/Lowe Enterprises**)
- Casa de Oro Library – Programming / Other Site Uses
- East County Crisis Stabilization Unit – Programming – **CMAR (not selected)**
- Jacumba Fire Station – Land Acquisition – **CMAR (not selected)**
- 4S Ranch Library Expansion

Planning (2-4 Fiscal Years Out) ~ \$230M

- Sheriff Stations (3) – Ramona / East Otay Mesa / I-15 & 76
- Fire Stations (2) – Descanso / Intermountain
- Libraries (3) – El Cajon / Santee / Campo Expansion
- Ramon Fleet Garage (Refurbish)

County of San Diego

Department of Public Works - Capital Improvement Program Advertisements

Fiscal Year 2022-2023

	PROJECT	PROJECT TYPE	ESTIMATED ADVERTISE DATE	ENGINEER'S ESTIMATE
1	Annual Concrete Curb, Gutter and Sidewalk Repairs	Road Maintenance	Sep-22	\$ 1,000,000
2	Annual Drainage Culverts	Road Maintenance	Sep-22	\$ 1,520,000
4	Guardrail Repairs and Replacements	Road Maintenance	Nov-22	\$ 650,000
5	Drainage Culverts for Resurfacing (Phases 1-3 JOC)	Road Maintenance	TBD	\$ 1,200,000
8	Madrid Way Culvert Extension	Road Maintenance	Oct-22	\$ 325,000
Total Road Maintenance				\$ 4,695,000
9	Jamacha Blvd and La Presa Intersection Improvements	Road Improvement	Oct-22	\$ 300,000
10	Bradley Avenue Roadway Improvements	Road Improvement	Dec-22	\$ 9,600,000
Total Road Improvement				\$ 9,900,000
11	Allen School Rd and San Marino Dr Sidewalk Improvements	Sidewalk	Oct-22	\$ 400,000
12	Rock Springs Siewalks and Road Improvments	Sidewalk	Nov-22	\$ 1,300,000
13	Sunset Rd Sidewalk Improvements	Sidewalk	Oct-22	\$ 1,200,000
14	Tavern Road Sidewalk Improvements	Sidewalk	Jan-23	\$ 500,000
15	Apple Street Sidewalk Improvements	Sidewalk	Feb-23	\$ 300,000
Total Sidewalk Improvement				\$ 3,700,000
16	Camino San Bernardo, Fury Ln and Hillsdale Rd Traffic Signals	Intersection	Nov-22	\$ 1,720,000
16	San Miguel Road Hybrid Beacon at Sunnyside Elementary	Intersection	Nov-22	\$ 350,000
Total Intersection Improvement				\$ 2,070,000
17	Bridge Maintenance and Repairs	Bridge	Apr-23	\$ 220,000
18	Lone Oak Road Headwall Repairs	Bridge	Nov-22	\$ 590,000
Jan-00				\$ 810,000
19	Live Oak Springs Water System - Phase 1 (Boulevard)	Water	Sep-22	\$ 750,000
Total Water Improvement				\$ 750,000
20	San Diego River Basin Pipe Lining Project	Wastewater	Sep-22	\$ 4,000,000
21	Countywide Sewer Rehabilitation	Wastewater	Sep-22	\$ 1,350,000
22	Countywide Maintenance Hole Rehabilitation	Wastewater	Oct-22	\$ 500,000
23	Spring Valley Sewer Outfall Improvements	Wastewater	Feb-23	\$ 700,000
24	La Presa Sewer Improvements - Phase 1	Wastewater	Oct-22	\$ 7,000,000
Total Wastewater Improvement				\$ 13,550,000
25	San Marino Water Quality Improvements	Water Quality	Sep-22	\$ 1,642,000
26	Goldentop Rd-4S Ranch Business Park Water Quality Project	Water Quality	Nov-22	\$ 505,000
27	Rainbow Water Quality Improvements	Water Quality	Oct-22	\$ 7,800,000
28	Estrella Park Water Quality Improvements	Water Quality	Nov-22	\$ 3,500,000
29	Los Coches Creek at Ha Hana Road Dry Weather Flow Elimination	Water Quality	Jan-23	\$ 720,000
30	Lakeside Debris and Access Control Grates	Water Quality	May-23	\$ 1,000,000
Total Water Quality Improvements				\$ 15,167,000
TOTAL				\$ 50,642,000

Projects, dates and costs are subject to change.

County's solicitations can be found on: <https://buynet.sdcounty.ca.gov/>

DPW Capital Improvement Program questions, please contact:

Chris Hanger, Interim CIP Program Manager at Christopher.Hanger@sdcounty.ca.gov

9/15/2022



DPW CAPITAL IMPROVEMENT PROJECTS

2022/23 – 2026/27

BRADLEY AVENUE OVERCROSSING @ SR67



Bradley Avenue will be improved from east of SR-67 for a distance of 0.75 miles. The existing two lane Bradley Avenue bridge over SR-67 will be replaced to add turn lanes, bike lanes and sidewalks.

Construction Schedule: **Two Phases 2023 to 2025**

Estimated Construction Cost: **\$25 Million**

COUNTY ROAD RESURFACING



Annual Asphalt Concrete and Slurry Seal Resurfacing of County Maintained Roads. Approximately 120 Miles annually.

Construction Schedule: **Spring 2022 to Spring 2023**

Estimated Construction Cost: **\$45 Million**

COLE GRADE ROAD IMPROVEMENTS



Cole Grade Road will be improved between Fruitvale Road and Pauma Heights Road including new drainage facilities, bike lanes, and a trail.

Construction Schedule: **Two Phases 2024 to 2026**

Estimated Construction Cost: **\$28 Million**

RAINBOW WATER QUALITY IMPROVEMENTS



Construct approximately 3,400 linear feet of subsurface wetland channels, improve 28 driveways and associated storm drains, and construct approximately 500 linear feet of new sidewalk within the Rainbow community.

Construction Schedule: **Winter 2022/23**

Estimated Construction Cost: **\$7.8 Million**



COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS

5500 Overland Avenue, Suite 320
San Diego, CA 92123
(858) 694-2830

<http://www.sandiegocounty.gov/dpw>

Register for notification of solicitation at

<http://buynet.sdcounty.ca.gov>



ASHWOOD STREET CORRIDOR IMPROVEMENTS



Ashwood St. will be improved between Mapleview St. and El Capitan High School and on both the north and south sides of the Willow Road Intersection.

Construction Schedule: **Summer 2024 to Summer 2026**

Estimated Construction Cost: **\$25 Million**



The California Department of Transportation is part of the cabinet-level California State Transportation Agency. Caltrans is headquartered in Sacramento and is made up of 12 districts. San Diego/Imperial Counties is District 11. 50 years ago, Caltrans was created by legislation authored by State Senator Wadie Deddeh, transitioning from what was then the Division of Highways. Today, the agency is clearly transforming into a multimodal, people-centric agency.



TOP 5 PRIORITIES

SAFETY | MODALITY | INNOVATION | EFFICIENCY | PARTNERSHIPS



2022 STATE BUDGET

- Transit & Rail Projects: \$7.7 billion over four years
- Goods Movement & Ports: \$1.2 billion
- Active Transportation: \$1 billion
- Climate Adaptation Programs: \$200 million
- Highways to Boulevards Pilot: \$150 million
- Clean California Local Grants: \$100 million



MAINTAINING OUR INFRASTRUCTURE

Senate Bill 1, the transportation bill signed into law in 2017, invests \$5 billion dollars a year to repair and upgrade bridges, pavement, local roads, and transit.

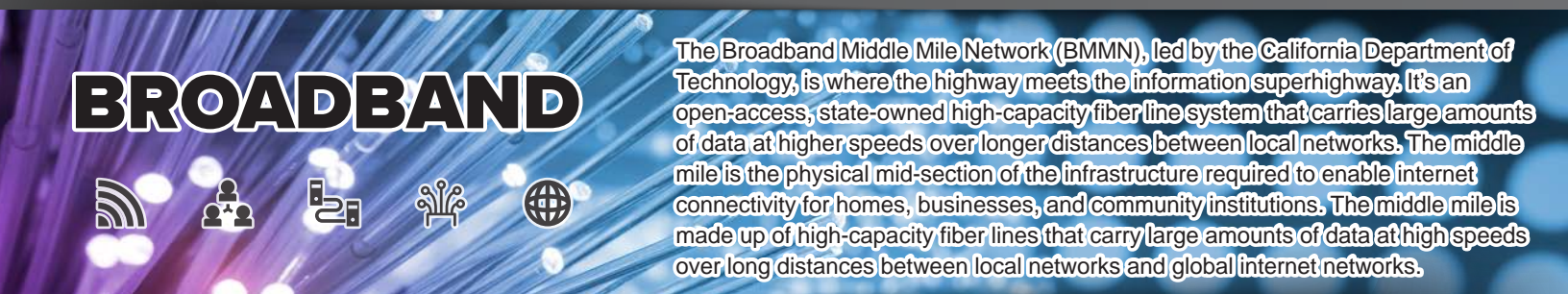
- \$1.4 billion in State Highway and Protection Program (SHOPP)
- \$2.2 billion in Federal Infrastructure Investment & Jobs Act (IIJA)



California is investing \$1 billion in this program which is removing litter, creating jobs, educating the public and engaging the community to transform unsightly roadsides into spaces of pride for all Californians.

Programs include Adopt-A-Highway which pays volunteers \$250 per month for litter collections and grants that fund projects for local and regional public agencies, transit agencies, tribal governments and nonprofits.

CLEAN CALIFORNIA



BROADBAND



The Broadband Middle Mile Network (BMMN), led by the California Department of Technology, is where the highway meets the information superhighway. It's an open-access, state-owned high-capacity fiber line system that carries large amounts of data at higher speeds over longer distances between local networks. The middle mile is the physical mid-section of the infrastructure required to enable internet connectivity for homes, businesses, and community institutions. The middle mile is made up of high-capacity fiber lines that carry large amounts of data at high speeds over long distances between local networks and global internet networks.



ACTIVE TRANSPORTATION PLAN



The purpose of ATP is to encourage increased use of active modes of transportation, including biking, walking and mass transit and increasing safety for all communities.



MULTIMODAL INVESTMENTS

The State's Climate Action Plan for Transportation Infrastructure guides Caltrans actions and should result in maximizing multimodal transportation options.

CALIFORNIA
TRANSPORTATION
PLAN

2050
RECOMMENDATIONS

Expand access to safe and convenient active transportation options

01

Improve transit, rail, and shared mobility options

02

Expand access to jobs, goods, services, and education

03

Advance transportation equity

04

Enhance transportation system resiliency

05

Enhance transportation safety and security

06

Improve goods movement systems and infrastructure

07

Advance Zero-Emissions Vehicle (ZEV) technology and supportive infrastructure

08

Manage the adoption of connected and autonomous vehicles

09

Price roadways to improve the efficiency of auto travel

10

Encourage efficient land use

11

Expand protection of natural resources and ecosystems

12

Strategically invest in state of good repair improvements

13

Seek sustainable, long-term transportation funding mechanisms

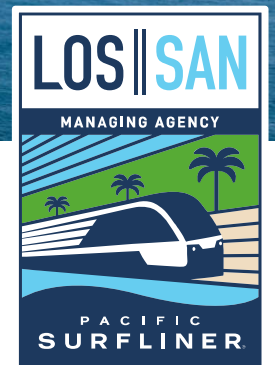
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Los Angeles – San Diego – San Luis Obispo Rail Corridor Agency Update

Construction Network | September 22, 2022



Existing Capital Projects Timeline

Project	Lead Agency	Current Phase	PAED	PS&E	Const	Project Completion
Central Coast Layover Facility Expansion (Phase 1)	LOSSAN	PAED	Mid 2019 (Started)	Mid 2022	Late 2024	End 2026
San Diego County Maintenance and Layover Facility (Phase 1)	LOSSAN	PAED	Early 2022 (Started)	Mid 2024	Mid 2026	Mid 2028
Leesdale Siding Upgrade and Extension	LOSSAN	PS&E	N/A	Late 2022	Late 2024	Early 2026
Ortega Siding Project	LOSSAN	PSR	Mid 2023	End 2024	Mid 2026	Mid 2028
Goleta Layover Facility Expansion	LOSSAN	PS&E	N/A	Mid 2019 (Started)	Mid 2023	Mid 2024
CTC / Powered Sidings	UPRR	Const	Early 2020 (Complete)	Mid 2020 (Complete)	End 2020	Late 2022
Narlon Bridge Replacement	UPRR	Const (Complete)	Completed	Completed	Completed	Completed
Canada Honda Bridge Replacement	UPRR	PAED	Mid 2021 (Started)	Late 2022	Mid 2023	Mid 2024
Upgrade of Rail/Tie Replacement	UPRR	Const (Complete)	Completed	Completed	Completed	Completed
Camarillo Station Improvement	City of Camarillo	PAED	Mid 2021 (Started)	Mid 2023	Early 2024	End 2025

Note: All above dates are estimated and subject to change

Existing Capital Projects

Estimated and Funded Costs

Project	Cost	\$ Funded	Project	Cost	\$ Funded
Central Coast Layover Facility Expansion (Phase 1)	\$26.2 M	\$26.2 M	Leesdale Siding Upgrade and Extension	\$26.0M	\$26.0M
Centralized Traffic Control (CTC) / Powered Sidings	\$29.2 M	\$29.2 M	Camarillo Station Improvements	\$15.0 M	\$6.9 M
Bridge Replacements / Infrastructure Enhancements	\$86.0 M	\$68.0 M	Seacliff Siding Extension	\$20.5 M	\$0.0 M
Santa Barbara Subdivision Corridor Hardening Improvements / Safety Improvements	\$9.4 M	\$7.5 M	Various Corridor Optimization, Passenger Amenity Upgrades, and Facility Improvements	\$9.9 M	\$9.9 M
Goleta Layover Facility Expansion	\$10.1 M	\$10.1 M	San Diego County Maintenance and Layover Facility (Phase 1)	\$28.4 M	\$28.4 M
Ortega Siding	\$25.0 M	\$10.7 M			
Total Expected Cost				\$285.7 M	
Total Currently Funded					\$222.9 M

Note: All above costs are estimated and subject to change

Upcoming Procurements

- For more information on upcoming procurements, contact:

James Campbell
Operations Officer
jcampbell@octa.net

**MTS Capital Improvement Program 5 Year Projection
FY23-FY27**

	FY23	FY24	FY25	FY26	FY27
New Transit Facility			50,000	60,000	50,000
Smart Charging Infrastructures	-	2,000	2,000	2,000	-
ZEB Hydrogen Storage Facility #1	-	-	-	-	5,095
ZEB Hydrogen Storage Facility #2	-	-	-	-	-
ZEB Pilot Project	-	-	-	-	-
KMD CNG Compressor Replacement	1,699	-	-	-	-
KMD CNG Dryer Replacement	-	-	-	-	-
KMD Shop Hoists Construction Final 7 of 13	1,925	-	-	-	-
KMD ZEB OH Charging Infrastructure	-	-	5,735	5,890	-
KMD ZEB CNG Generator & Battery Storage	-	-	1,620	-	-
IAD ZEB OH Charging Infrastructure	1,055	4,200	4,300	-	550
IAD ZEB CNG Generator & Battery Storage	-	1,580	-	-	-
SB ZEB OH Charging Infrastructure (10091131 - Iris Rapid)	-	-	2,080	6,400	4,400
CPD Modular Training Building Replacement	-	-	1,000	-	-
CPD ZEB Charging Infrastructure - 200 plug in units	-	-	-	1,005	1,005
CPD ZEB CNG Gen & Battery Storage	-	-	-	1,660	-
EC ZEB OH Charging Infrastructure	-	-	-	6,080	6,080
EC ZEB CNG Gen & Battery Storage	-	-	-	1,660	-
EC ZEB Solar Panels on OH Gantry	-	-	-	830	-
DRAINAGE IMPROVEMENTS	-	5,000	-	-	-
Control Power Corp. Substation (CPC)	-	2,700	5,400	5,600	-
Traction Power Substations (Ohio Brass)	-	5,400	8,300	8,700	-
Impulse Substation	-	-	2,800	-	-
OVERHEAD CONTACT SYSTEM (OCS)	-	4,667	4,667	4,667	4,667
"C" Yard Expansion	-	-	5,000	-	-
Rio Vista Platform Design Phase II	-	1,500	-	-	-
Green Line IMT Double Tracking (TIRCP)	4,000	-	-	-	-
El Cajon Transit Center Third Track (TIRCP)	6,650	-	-	-	-
INT E26 Signal upgrade for El Cajon 3rd Track	2,050	-	-	-	-
E8 & E10 Interlocking Upgrades	-	-	2,500	-	-
Double Crossover Switches - Francis Street Horton Grade Crossing	-	-	4,000	-	-
ARINC Integration - MV West, IMT Double Track	1,300	-	-	-	-
Downtown Parallel Feeder Cable Replacement	-	3,000	2,000	-	-
Euclid Grade Separation	-	-	-	-	15,000
GRADE CROSSING Replacement	3,075	8,244	3,095	4,210	-
STATION TRACKWAY REPLACEMENTS	1,240	3,000	1,750	-	-
DRAINAGE IMPROVEMENTS	-	1,400	2,900	-	-
STREET TRACKAGE PAVEMENT REPLACEMENT	1,200	1,400	1,500	1,700	1,700
GRADE CROSSING WARNING SYSTEM UPGRADES	-	2,000	1,000	1,000	2,400
GRADE CROSSING APPROACH MODIFICATIONS	1,900	-	-	-	-
WAYSIDE SIGNALING Replacement	1,400	1,400	1,400	1,400	1,400
Replace Building A Wheel True Machine (A Building)	-	-	-	3,000	-
STATION SHELTERS REPLACEMENT	1,200	-	-	-	-

MTS Regional Bus Divisions Allocation of ZEB to Divisions 2022 - 2029

Kearny Mesa Division (KMD)
4630 Ruffner St, San Diego, CA 92111

Year	New ZEB	Total ZEB
2021	2	2
2022	0	2
2023	0	2
2024	0	2
2025	0	2
2026 *	27	29
2027	0	29
2028	0	29
2029	0	29

***Commence Overhead Charging**

East County Bus Maintenance Facility (ECBMF)
544 Vernon Way, El Cajon, CA 92020

Year	New ZEB	Total ZEB
2021	2	2
2022	0	2
2023	0	2
2024	0	2
2025	0	2
2026	0	2
2027	0	2
2028 *	13	15
2029	19	34

***Commence Overhead Charging**

South Bay Bus Maintenance Facility (SBMF)
3650 Main Street, Chula Vista, CA 91911

Year	New ZEB	Total ZEB
2021	1	3
2022 *	12	15
2023	11	26
2024	0	26
2025	0	26
2026	16	42
2027	31	73
2028	0	73
2029	0	73

***Commence Overhead Charging**

Imperial Avenue Division (IAD)
100 16th Street, San Diego, CA 92101

Year	New ZEB	Total ZEB
2021	6	6
2022	0	6
2023	0	6
2024 *	10	16
2025	13	29
2026	0	29
2027	0	29
2028	0	29
2029	0	29

***Commence Overhead Charging**

