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File Number 1500300

Mr. Muhaned Aljabiry, Office Chief
Office of Federal Programming and Data Management
Division of Transportation Programming
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Dear Mr. Abhijit Bagde:

Subject: Transmittal of Amendment No. 1 to SANDAG's 2021 Regional
Transportation Improvement Program

Amendment No. 1 to SANDAG's 2021 Regional Transportation Improvement
Program (RTIP) is being transmitted to you for state and federal approval.
The SANDAG Board of Directors acting as the Regional Transportation
Commission approved Resolution No. RTC-2021-06 at its April 23, 2021,
meeting.

This amendment includes changes to 19 projects within San Diego County, and
reflects the programming of the FY 2022 Transit Capital Improvement
Program.

SANDAG certifies that projects in this amendment are not included in any
other amendment that currently is open for public review. Also, as part of the
SANDAG Public Participation Policy, SANDAG transmitted the draft
Amendment No. 1 to interested parties for a 15-day public review period
between March 23, 2021, and April 13, 2021. Minor changes were made by the
participating agencies during the public comment period and are noted in the
Board report.

The project changes in Amendment No. 1 do not affect air quality conformity.
The proposed amendment does not reflect any changes in the design, concept,
or scope of the project or the conformity analysis years as modeled for the
regional emissions analysis of the 2019 Federal Regional Transportation Plan
and the 2021 RTIP as amended.

The projects contained within Amendment No. 1 to the 2021 RTIP are fiscally constrained based upon available or committed funding and/or reasonable estimates of future funding. An electronic version of the fiscal constraint table has been sent via email to Caltrans staff.

If you have any questions, please feel free to contact me at (619) 595-5318 or sue.alpert@sandag.org.

Sincerely,

SUE ALPERT
Senior Financial Programming Analyst

SALP/RRA

Enclosures: 1. SANDAG Board of Directors Staff Report
2. Resolution No. RTC-2021-06
3. List of Projects for Amendment No. 1
4. Summary of Changes for Amendment No. 1

FY 2022 Transit Capital Improvement Program

Overview

The regional Transit Capital Improvement Program (CIP) is a rolling five-year plan, which outlines current transit needs and planned investments in transit capital, rehabilitation, and replacement projects. The program is updated annually and is designed to meet ongoing transit operational and infrastructure needs in a responsive and efficient manner.

As the Metropolitan Planning Organization (MPO) for the San Diego region, SANDAG is the designated recipient for the Federal Transit Administration (FTA) formula funds and is responsible for approving the grant applications for the San Diego region and programming the FTA funds in the Regional Transportation Improvement Program (RTIP).

Key Considerations

Three FTA formula programs: Section 5307 Urbanized Area Formula Program, Section 5337 State of Good Repair Program, and Section 5339 Bus and Bus Facilities Program are the primary source of funding for the transit agency CIPs and generally provide 80% of the cost of eligible activities (Attachment 1). Additional state and local funding sources supplement the FTA programs. The combined funding for the regional CIP is \$244.3 million for FY 2022 and \$1.1 billion for the five-year program from FY 2022 to FY 2026. The individual transit agency CIP summaries are in Attachment 2.

After allocating funds to SANDAG for the cost of the vanpool program, the balance of the Section 5307 funds are allocated to the operators on a 70%/30% basis, with the more populous Metropolitan Transit System (MTS) area receiving 70% and the 30% share going to North County Transit District (NCTD).¹ The same 70/30 formula is used to allocate the Sections 5337 and 5339 funds between MTS and NCTD. Funding assumptions used for development of the FY 2022 Transit CIP are based on Federal Fiscal Year (FFY) 2021 apportionments and some carryover of the FFY 2020 apportionments. The estimate for FTA formula programs conservatively remains flat for the four final years of the estimate, FFY 2022 through FFY 2025, which are outside of the Fixing America's Surface Transportation Act. The *TransNet* funding estimate for the FY 2022 CIP reflects the revenue estimates approved by the Board of Directors at its February 26, 2021, meeting.

Action: **Approve**

The Transportation Committee recommends that the Board of Directors:

1. approve the submittal of Federal Transit Administration grant applications for the San Diego region; and
2. adopt Regional Transportation Commission Resolution No. RTC-2021-06, approving Amendment No. 1 to the 2021 Regional Transportation Improvement Program.

Fiscal Impact:

Pending approval by the Board of Directors the Transit Capital Improvement Programs will provide approximately \$244.3 million for capital projects, preventive maintenance, American with Disabilities Act, and planning activities in FY 2022.

Amendment No. 1 reflects an increase of approximately \$506.6 million to the 2021 Regional Transportation Improvement Program.

Schedule/Scope Impact:

Federal Transit Administration grant applications would be executed in summer 2021.

¹ This methodology was approved by the Board of Directors at its February 23, 2007, meeting.

MTS and NCTD reviewed and prioritized capital project submittals to ensure that operationally critical projects were funded. The NCTD Board of Directors approved its CIP on January 21, 2021, and the MTS Board of Directors approved its CIP on April 8, 2021. The FY 2022 Transit Capital Program Fiscally Constrained CIPs can be seen in Attachment 3.

Regional Transportation Improvement Program

As the MPO for the San Diego region, SANDAG is the designated recipient for FTA formula funds and is responsible for programming the FTA funds in the RTIP. The RTIP is the multiyear funding program for major transportation projects in the San Diego region. Projects included in the CIP, and subsequently in the FTA grant application, also must be programmed in the RTIP.

Major changes in funding are highlighted in Attachment 5, while the proposed amendments are included in Attachment 6. The *TransNet* Independent Taxpayer Oversight Committee reviewed Amendment No. 1 to the 2021 RTIP at its April 14, 2021, meeting, focusing its review on the *TransNet*-funded projects within this amendment. Any comments received will be presented to the Transportation Committee.

Tables 3a through 3c (Attachment 7) provide updated program financial summaries, including a comparison from the adoption of the 2021 RTIP. Changes are highlighted in yellow. Each transit agency made allowable changes during the public comment period which are detailed in Attachment 8. Finally, it has been determined that the 2021 RTIP would remain in compliance with federal regulations upon approval of Amendment No. 1 (Attachment 9). At its meeting on April 16, 2021, the Transportation Committee recommended that the Board approve the submittal of Federal Transit Administration grant applications for the San Diego region; and adopt Regional Transportation Commission Resolution No. RTC-2021-06, approving Amendment No. 1 to the 2021 Regional Transportation Improvement Program.

Next Steps

Pending approval by the Board, SANDAG, MTS, and NCTD will submit the FTA grant applications for the San Diego region and the 2021 RTIP Amendment No. 1 will be transmitted to Caltrans for review and approval and then forwarded to the Federal Highway Administration and FTA. Upon the approval of both federal agencies, the amendment will be incorporated into the 2021 Federal Statewide Transportation Improvement Program.

André Douzdjian, Director of Finance

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Richard Radcliffe, (619) 595-5649, richard.radcliffe@sandag.org

Attachments:

1. FTA Formula Programs
2. Proposed Transit Capital Improvement Program Summaries for FY 2022 to FY 2026
3. Proposed FY 2022 Transit Capital Improvement Program – Fiscally Constrained
4. Draft RTC Resolution No. RTC-2021-06: Approving Amendment No. 1 to the 2021 Regional Transportation Improvement Program
5. Table 1 – Summary of Changes Report – Amendment No. 1
6. Table 2 – 2021 Regional Transportation Improvement Program – Amendment No. 1
7. Tables 3a-3c - Fiscal Constraint Analysis for Amendment No. 1 to the 2021 RTIP
8. Table 4 – Changes during the Public Comment Period
9. Federal Requirements Analysis for RTIP Amendment No. 1

Federal Transit Administration Formula Grant Programs

Section 5307

Section 5307 Urbanized Area Program provides funding for transit capital and operating assistance in urbanized areas and for transportation-related planning. Eligible activities under this program include planning, engineering design, and evaluation of transit projects and other technical transportation-related studies; capital investments in bus and bus-related activities such as replacement of buses; overhaul and rebuilding of buses; crime prevention and security equipment; construction of maintenance and passenger facilities; and capital investments in new and existing fixed guideway systems, including rolling stock, overhaul and rebuilding of vehicles, track, signals, communications, and computer hardware and software. All preventive maintenance and some American with Disabilities Act complementary paratransit service, while recorded as operating expenditures, are considered capital costs for purposes of eligibility. The Federal Transit Administration defines preventive maintenance as all maintenance costs related to vehicles and non-vehicles. Specifically, it is all the activities, supplies, materials, labor, services, and associated costs required to preserve or extend the functionality and serviceability of the asset in a cost-effective manner, up to and including the current state-of-the-art for maintaining such an asset.

Section 5337

This State of Good Repair program provides capital assistance for maintenance, replacement, and rehabilitation projects of high-intensity, fixed guideway and bus systems to help transit agencies maintain assets in a state of good repair. Additionally, State of Good Repair grants are eligible for developing and implementing Transit Asset Management plans. This program reflects a commitment to ensuring that public transit operates safely, efficiently, reliably, and sustainably so that communities can offer balanced transportation choices that help to improve mobility, reduce congestion, and encourage economic development. Eligible activities include projects that maintain, rehabilitate, and replace capital assets as well as projects that implement transit asset management plans. The Fixing America's Surface Transportation (FAST) Act clarifies that high-intensity motorbus tier funds can only be used for vehicle state of good repair costs and not for roadway state of good repair costs.

Section 5339

The FAST Act provides both formula and discretionary programs for this section as developed under the Moving Ahead for Progress in the 21st Century Act. The Bus and Bus Facilities program makes federal funding available for the purpose of financing capital bus and bus-related projects, which will support the continuation and expansion of public transportation services in the United States. There is also a sub-program that provides competitive grants for bus and bus facility projects that support low- and zero-emissions vehicles. The purpose of both formula and competitive programs is to provide capital funding to replace, rehabilitate, and purchase buses, vans, and related equipment, and to construct bus-related facilities.

**METROPOLITAN TRANSIT SYSTEM
TRANSIT CAPITAL PROGRAM SUMMARY
FY 2022 to FY 2026
In \$000's**

	FY 22	FY 23	FY 24	FY 25	FY 26	Five Year Total
Federal Formula Program 5307	46,781,397	46,781,397	46,781,397	46,781,397	46,781,397	233,906,985
Federal Formula Program 5307 Carryover	1,567	0	0	0	0	1,567
Federal Formula Program 5337	28,317,866	28,317,866	28,317,866	28,317,866	28,317,866	141,589,329
Federal Formula Program 5337 Carryover	0	0	0	0	0	0
Federal Formula Program 5339	4,317,716	4,317,716	4,317,716	4,317,716	4,317,716	21,588,581
Transportation Development Act (TDA)	33,086,515	33,830,468	34,580,468	35,330,468	38,380,468	175,208,387
State Transit Assistance (STA)	11,833,090	11,833,090	11,833,090	11,833,090	11,833,090	59,165,450
SB1 - State of Good Repair (SGR)	4,955,508	4,700,000	4,700,000	4,700,000	4,700,000	23,755,508
Cap and Trade: Low Carbon Transit Operations Program (LCTOP) FY19-20	5,126,370	7,096,521	6,200,000	6,200,000	6,200,000	30,822,891
Cap and Trade: Transit and Intercity Rail Capital Program (TIRCP) - FY18 Award	16,019,600	2,635,200	0	0	0	18,654,800
Cap and Trade: Transit and Intercity Rail Capital Program (TIRCP) - FY20 Award	4,250,000	2,950,000	0	0	0	7,200,000
Pending Transfer - Prior Year Transportation Funds	11,230,056	0	0	0	0	11,230,056
Pending Transfer - Federal Formula Program 5339	546,852	0	0	0	0	546,852
MTS Carryover	2,600,000	0	0	0	0	2,600,000
Compressed Natural Gas (CNG) Rebate	8,427,688	4,200,000	0	0	0	12,627,688
Regional Surface Transportation Program (RSTP) - SANDAG	10,000,000	12,000,000	25,000,000	5,000,000	0	52,000,000
<i>TransNet</i> - Superloop/Rapid Bus - SANDAG	0	7,300,000	0	0	38,298,000	45,598,000
San Ysidro Intermodal Transportation Center (ITC) - AD&AE Land Sale	1,650,000	330,800	0	0	0	1,980,800
Total Federal Funding (including local match)	189,144,225	166,293,058	161,730,537	142,480,537	178,828,537	838,476,894
Less: Preventive Maintenance /ADA/Planning	62,806,071	63,808,469	64,808,469	65,808,469	66,808,469	324,039,947
Less: SANDAG Planning	851,828	868,865	868,865	868,865	868,865	4,327,288
Total Funding Available For Capital Projects	125,486,326	101,615,724	96,053,203	75,803,203	111,151,203	510,109,659

**NORTH COUNTY TRANSIT DISTRICT
TRANSIT CAPITAL PROGRAM SUMMARY
FY 2022 to FY 2026
In \$000's**

	FY 22	FY 23	FY 24	FY 25	FY 26	Five Year Total
Federal Formula Program 5307	20,049,170	20,049,170	20,049,170	20,049,170	20,049,170	100,245,850
Federal Formula Program 5307 Carryover	672	0	0	0	0	672
Federal Formula Program 5337	12,136,228	12,136,228	12,136,228	12,136,228	12,136,228	60,681,140
Federal Formula Program 5337 - High Intensity Motorbus	4,833	4,833	4,833	4,833	4,833	24,165
Federal Formula Program 5337 Carryover	1,393,987	0	0	0	0	1,393,987
Federal Formula Program 5339	1,850,450	1,850,450	1,850,450	1,850,450	1,850,450	9,252,250
State Transit Assistance (STA)	4,263,515	1,774,852	749,994	515,121	548,438	7,851,920
State Cap and Trade: Low Carbon Transit Operations Program (LCTOP)	2,000,000	2,200,000	2,200,000	2,200,000	2,200,000	10,800,000
State Rail Assistance (SRA)	3,800,000	3,800,000	3,800,000	3,900,000	3,900,000	19,200,000
LOSSAN	2,904,652	2,904,652	2,904,652	2,904,652	2,904,652	14,523,260
Federal CMAQ	0	12,600,000	0	0	0	12,600,000
TransNet Major Corridor (COASTER Expansion)	2,200,000	8,200,000	13,100,000	0	0	23,500,000
Discretionary Grants (TBD)	4,575,000	9,221,550	0	7,900,000	0	21,696,550
Total Federal Funding (including local match)	\$55,178,507	\$74,741,735	\$56,795,327	\$51,460,454	\$43,593,771	\$281,769,794
Less: Preventive Maintenance /ADA/Planning	11,695,829	25,741,272	19,104,704	23,316,198	31,446,931	111,304,934
Total Funding Available For Capital Projects	\$43,482,678	\$49,000,463	\$37,690,623	\$28,144,256	\$12,146,840	\$170,464,860

METROPOLITAN TRANSIT SYSTEM
FY 2022 TRANSIT CAPITAL PROGRAM
FISCALLY CONSTRAINED
In \$000's

Implementing Agency	PROJECT	FY 22	FY 23	FY 24	FY 25	FY 26	Five Year Total	
1	MTS	SD100 Replacement	28,500,000	30,500,000	43,431,000	5,000,000	0	107,431,000
2	MTS	Bus Procurement	25,284,000	29,429,000	39,235,000	35,273,000	75,904,000	205,125,000
3	MTS	Iris Rapid - Zero Emissions Bus (ZEB) Bus Procurement	15,616,000	0	0	0	0	15,616,000
4	MTS	El Cajon Bus Maintenance Facility - Expansion lot	8,000,000	0	0	0	0	8,000,000
5	MTS	Iris Rapid - Charging Infrastructure at South Bay Maintenance Facility	6,600,000	0	0	0	0	6,600,000
6	MTS	Iris Rapid - Route & Stations Infrastructure	5,531,788	0	0	0	0	5,531,788
7	MTS	Green Line Imperial Avenue Main Terminal (IMT) Double Tracking	5,170,000	0	0	0	0	5,170,000
8	MTS	El Cajon Transit Center Third Track	5,000,000	0	0	0	0	5,000,000
9	MTS	Fare System Upgrades	3,300,000	0	0	0	0	3,300,000
10	MTS	Miscellaneous Capital	2,702,538	0	0	0	0	2,702,538
11	MTS	Hastus Upgrade	1,800,000	0	0	0	0	1,800,000
12	SANDAG	Green Line Catenary Project	1,785,000	0	0	0	0	1,785,000
13	MTS	On-Track Equipment Replacement	1,590,000	0	0	0	0	1,590,000
14	SANDAG	San Ysidro Transit Center Planning & Design	1,250,000	1,550,000	800,000	15,000,000	15,000,000	33,600,000
15	MTS	Grade Crossing Replacement	1,245,000	3,751,348	1,835,005	0	0	6,831,353
16	MTS	Mini Bus Procurement	1,100,000	0	0	0	0	1,100,000
17	MTS	Rail Replacement - America Plaza & Kettner - Construction	1,100,000	0	0	0	0	1,100,000
18	MTS	Kearny Mesa Division (KMD) Shop Hoists Construction	1,000,000	0	0	0	0	1,000,000
19	SANDAG	Beyer Blvd Track and Slope	1,000,000	0	0	0	0	1,000,000
20	MTS	KMD Concrete Lot	675,000	0	0	0	0	675,000
21	MTS	Imperial Avenue Division (IAD) Overhead ZEB Charging Master Planning	500,000	0	0	0	0	500,000
22	MTS	12KV Service Disconnect at Friars and Napa	425,000	0	0	0	0	425,000
23	MTS	San Diego State University Uninterruptable Power Supply & Inverters Replacement	425,000	0	0	0	0	425,000
24	MTS	Iris Rapid Transit Center Island Modification	410,000	0	0	0	0	410,000
25	MTS	Americans with Disabilities Act (ADA) Bus Stop	400,000	0	0	0	0	400,000
26	MTS	San Ysidro Retail Kiosks Refresh	400,000	0	0	0	0	400,000
27	MTS	Network Equipment Refresh	390,000	0	0	0	0	390,000
28	MTS	Light Rail Vehicle Router Upgrade	380,000	0	0	0	0	380,000
29	MTS	IAD Revenue and Maintenance Building Heating, Ventilation, and Air Conditioning (HVAC) Replacement	350,000	0	0	0	0	350,000
30	MTS	Building C Door Replacement	325,000	0	0	0	0	325,000
31	MTS	Copier Replacement	284,000	0	0	0	0	284,000
32	MTS	Data Storage Replacement	282,000	0	0	0	0	282,000
33	MTS	Server Replacement	273,000	0	0	0	0	273,000
34	MTS	New Elevator at Fashion Valley	250,000	0	0	0	0	250,000
35	MTS	IAD Roof Fall Protection Safety Improvements	245,000	0	0	0	0	245,000
36	MTS	Document Management System	230,000	0	0	0	0	230,000
37	MTS	ZEB Pilot Program	225,000	0	0	0	0	225,000
38	MTS	Station Cleaning Equipment	210,000	0	0	0	0	210,000
39	MTS	Beech St Double Crossover	200,000	0	0	0	0	200,000
40	MTS	Las Chollas Creek Bridge - Design	200,000	0	0	0	0	200,000
41	MTS	Closed Circuit Television Installation and Upgrade	150,000	0	0	0	0	150,000
42	MTS	Radio Infrastructure	128,000	0	0	0	0	128,000
43	MTS	HVAC Improvements	125,000	0	0	0	0	125,000
44	MTS	Miscellaneous Shop Equipment Replacement - IAD & KMD	110,000	0	0	0	0	110,000
45	MTS	Trolley Right of Way Lidar Imagery Refresh	105,000	0	0	0	0	105,000
46	MTS	Interlocking E26 Signal for El Cajon 3rd Track - Design	100,000	0	0	0	0	100,000
47	MTS	Signal Replacement	65,000	0	0	0	0	65,000
48	MTS	Copley Park Division Mobile Column Lift Replacement - 2 of 3	50,000	0	0	0	0	50,000
49	SANDAG	New Transit Facility	0	34,926,400	10,752,198	20,530,203	20,247,203	86,456,004
50	MTS	Replace Wheel Truing Machine Building A	0	1,458,976	0	0	0	1,458,976
		FIVE YEAR CIP - CONSTRAINED	125,486,326	101,615,724	96,053,203	75,803,203	111,151,203	510,109,659

**NORTH COUNTY TRANSIT DISTRICT
FY 2022 TRANSIT CAPITAL PROGRAM
FISCALLY CONSTRAINED
In \$000's**

Implementing Agency	PROJECT	FY 22	FY 23	FY 24	FY 25	FY 26	Five Year Total
1	NCTD Safety Ladders	43,000	0	0	0	0	43,000
2	NCTD San Onofre House Track - No.10 Turnout Replacement	265,000	0	0	0	0	265,000
3	NCTD Control Point (CP) Ash - No.10 Turnout Replacement	0	512,500	1,162,500	0	0	1,675,000
4	NCTD Fire Detection Alarm Systems	0	0	885,000	0	0	885,000
5	NCTD Security System Improvements	75,000	220,000	550,000	0	0	845,000
6	NCTD Rehabilitate Old Town and Santa Fe Shelters and Benches	0	0	0	150,000	0	150,000
7	NCTD Sprinter Central Emergency Lighting Inverter Replacement	0	135,000	0	0	0	135,000
8	NCTD Solar Panel - Repair, Replace, New	0	0	0	490,000	0	490,000
9	NCTD Solana Beach Glass Canopies	0	0	140,000	0	0	140,000
10	NCTD Concrete and Asphalt Concrete Pavement Repairs Program	200,000	500,000	500,000	0	0	1,200,000
11	NCTD Hyperconverged Infrastructure	145,000	0	0	0	0	145,000
12	NCTD Passenger Info System for Wayfinding	360,000	0	0	0	0	360,000
13	NCTD BREEZE Shop Forklift East	51,292	0	0	0	0	51,292
14	NCTD FY22 IT Equipment Upgrades	56,500	0	0	0	0	56,500
15	NCTD GAO 3PAR Replacement	0	150,000	0	0	0	150,000
16	NCTD Identification (ID) Badge Printer Upgrade FY22	45,000	0	0	0	0	45,000
17	NCTD Network Upgrades FY22	260,000	0	0	0	0	260,000
18	NCTD New Fiber Loop Equipment	24,000	0	0	0	0	24,000
19	NCTD Server Upgrades FY22	54,000	0	0	0	0	54,000
20	NCTD Software Upgrades FY22	33,000	0	0	0	0	33,000
21	NCTD Storage Upgrades FY22	21,000	0	0	0	0	21,000
22	NCTD Voice Print Replacement FY22	135,000	0	0	0	0	135,000
23	NCTD FY22 BREEZE Engines & Transmission	587,260	0	0	0	0	587,260
24	NCTD 17 BREEZE ZEB Hydrogen Fuel Cell	2,000,000	2,200,000	2,200,000	10,100,000	2,200,000	18,700,000
25	NCTD FY25 BREEZE Engines & Transmission	0	0	0	587,260	0	587,260
26	NCTD FY23 BREEZE Engines & Transmission	0	587,260	0	0	0	587,260
27	NCTD FY24 BREEZE Engines & Transmission	0	0	587,260	0	0	587,260
28	NCTD FY26 BREEZE Engines & Transmission	0	0	0	0	587,260	587,260
29	NCTD SPRINTER Spare HVAC units (Mobilization)	1,276,354	0	0	0	0	1,276,354
30	NCTD SPRINTER Spare Power Pack (Mobilization)	899,655	0	0	0	0	899,655
31	NCTD Maintenance of Way Caterpillar 966 Front End Loader	0	405,000	0	0	0	405,000
32	NCTD Enterprise Asset Management System	900,000	2,318,400	0	0	0	3,218,400
33	NCTD Right of Way (ROW) Storm Drain Vulnerability	500,000	500,000	500,000	0	0	1,500,000
34	NCTD Oceanside Platform 3 Walkway	80,000	0	0	0	0	80,000
35	NCTD Hale Avenue and Mar Vista Crossing	510,000	0	0	0	0	510,000
36	NCTD COASTER New Bi-level Cars	0	0	0	1,327,001	3,900,000	5,227,001
37	NCTD Escondido Transit Center Colonnades Repair	0	0	0	0	300,000	300,000
38	NCTD Heating, Ventilation, and Air Conditioning (HVAC) Replacement - Various	368,113	181,887	165,000	165,000	165,000	1,045,000
39	NCTD Landscape Improvements Various	40,000	0	0	0	0	40,000
40	NCTD Platform Gate Improvements	500,000	0	0	0	0	500,000
41	NCTD Plumbing Fixtures - Various	0	0	192,711	92,643	0	285,354
42	NCTD Sprinter Operations Facility (SOF) Stormwater Improvements	160,000	0	0	0	0	160,000
43	NCTD Solana Fall Arrest Anchors	100,000	330,000	0	0	0	430,000
44	NCTD SPRINTER 15-Minute Headways	335,000	165,000	0	0	0	500,000
45	SANDAG Trade Corridor Enhancement Program (TCEP) Del Mar Bluffs 5	0	1,000,000	5,200,000	2,400,000	400,000	9,000,000
46	SANDAG TCEP San Dieguito Double-Track Phase 1	5,500,000	12,800,000	6,736,000	6,264,000	0	31,300,000
47	NCTD COASTER Bi-Level Overhaul	1,974,004	2,032,774	0	0	0	4,006,778
48	NCTD SPRINTER HVAC Overhaul	1,096,984	825,237	0	0	0	1,922,221
49	NCTD SPRINTER Gearboxes FY22	240,455	0	0	0	0	240,455
50	NCTD SPRINTER Truck FY22 and FY23	805,707	606,030	0	0	0	1,411,737
51	NCTD Payroll Human Resources Information System (HRIS) Software	400,000	62,000	0	0	0	462,000
52	NCTD Flooring Improvements Various Locations	0	0	100,000	200,000	0	300,000
53	NCTD Oceanside Transit Center Towers	90,000	0	0	0	0	90,000
54	NCTD Service Vehicles Replacement	957,803	0	0	0	1,044,629	2,002,432
55	NCTD Windows at Breeze Operations East	20,000	0	0	0	0	20,000
56	NCTD COASTER Bombardier MOW Capital	500,000	0	0	0	0	500,000
57	NCTD Rail Fuel Management System	265,000	0	0	0	0	265,000
58	NCTD Bridge 207.6 Project Study Report (PSR) and Pre-Design	50,000	0	0	0	0	50,000
59	NCTD Bridge 207.8 PSR and Pre-Design	50,000	0	0	0	0	50,000
60	NCTD Bridge 209.9 PSR and Pre-Design	50,000	0	0	0	0	50,000
61	NCTD Bridge 254.7 PSR and Pre-Design	50,000	0	0	0	0	50,000
62	NCTD Bridge 255.1 PSR and Pre-Design	50,000	0	0	0	0	50,000
63	NCTD Bridge 255.3 PSR and Pre-Design	50,000	0	0	0	0	50,000
64	NCTD Rail Contract Mobilization	0	0	500,000	0	0	500,000
65	NCTD Wayside Power Additional Cabinets	181,500	907,500	0	0	0	1,089,000
66	NCTD Diesel Exhaust Fluid System	110,000	40,000	130,000	0	0	280,000
67	NCTD Oil Suction System and Tanks	80,000	0	0	0	0	80,000
68	NCTD Genie Lifts	70,000	0	0	0	0	70,000
69	NCTD New Fareboxes	1,893,052	290,457	0	0	0	2,183,509
70	NCTD Elevator Repairs at West Division and California State University San Marcos (CSUSM)	0	0	0	434,101	275,899	710,000
71	NCTD Electric Panel Upgrades at Multiple Facilities	0	0	0	412,600	234,400	647,000
72	NCTD Full Upgrade of Call Manager	0	168,000	0	0	0	168,000
73	NCTD Gas Detection System Refurbishment - East Division and SOF	250,000	750,000	0	0	0	1,000,000
74	NCTD Fare Revenue System	1,300,000	0	0	0	0	1,300,000
75	NCTD Windows Server Licenses	0	0	0	44,000	0	44,000
76	NCTD General Administration Office (GAO) Boardroom Technology Upgrades	50,000	0	0	0	0	50,000
77	NCTD Wireless Network Implementation	215,000	0	0	0	0	215,000
78	NCTD Breeze Operations West (BOW) Roof Improvements	110,000	222,000	0	0	0	332,000
79	NCTD Five Diesel Underground Storage Tanks Removal	85,000	0	0	0	0	85,000
80	NCTD Breeze Operations East (BOE) Design-Build-Operate-Maintain (DBOM) Compressed Natural Gas (CNG) Capital Improvements	1,625,000	0	0	0	0	1,625,000
81	NCTD BOW DBOM H2 Fueling Station	4,575,000	0	0	0	0	4,575,000
82	NCTD P2000 Replacement	120,000	0	0	0	0	120,000
83	NCTD 8 BREEZE Zero Emissions Bus (ZEB) Hydrogen Fuel Cell	117,460	9,221,550	0	0	0	9,339,010
84	NCTD Paging System for Rail	0	121,000	0	0	0	121,000
85	NCTD COASTER SANDAG Expansion Equipment	2,200,000	8,200,000	13,100,000	0	0	23,500,000
86	NCTD COASTER Automatic Passenger Counter (APC) Systems	300,000	0	0	0	0	300,000
87	NCTD COASTER (2) Siemens Locomotives FY23	1,825,996	1,767,226	3,800,000	2,572,999	0	9,966,221
88	SANDAG Bridge 257.2 Replacement	0	437,575	1,242,152	2,904,652	2,904,652	7,489,031
89	NCTD ROW Fencing	1,185,452	0	0	0	0	1,185,452
90	NCTD Signal Control Replacement	1,739,652	719,577	0	0	0	2,459,229
91	NCTD SPRINTER Wheel Replacement	0	624,491	0	0	0	624,491
92	NCTD SOF - COF Roof Improvements	880,000	0	0	0	0	880,000
93	NCTD SPRINTER Pre-Fabricated Building	275,000	0	0	0	0	275,000
94	NCTD SPRINTER Carbody Brake FY22	1,065,439	0	0	0	0	1,065,439
95	NCTD Vitagold Yard Rehabilitation	1,055,000	0	0	0	0	1,055,000
96	NCTD SPRINTER Computer Interface Cabinet (CIC) Upgrades	0	0	0	0	135,000	135,000
FIVE YEAR CIP - CONSTRAINED		43,482,678	49,000,463	37,690,623	28,144,256	12,146,840	170,464,860

Approving Amendment No. 1 to the 2021 Regional Transportation Improvement Program

WHEREAS, on February 26, 2021, the San Diego Association of Governments (SANDAG) adopted the 2021 Regional Transportation Improvement Program (RTIP) and found the 2021 RTIP in conformance with the applicable State Implementation Plans (SIPs), and with the 2016 Regional Air Quality Strategy (RAQS), in accordance with California law; and

WHEREAS, on April 16, 2021, the U.S. Department of Transportation (U.S. DOT) determined the 2021 RTIP and San Diego Forward: The 2019 Federal Regional Transportation Plan (2019 Federal RTP) in conformance to the applicable SIPs in accordance with the provisions of 40 Code of Federal Regulations (CFR) Parts 51 and 93; and

WHEREAS, on October 25, 2019, the Board of Directors adopted the air quality conformity determination, finding that the Revenue Constrained Plan is in conformance with the SIP for air quality, and adopted the 2019 Federal RTP and its supporting analyses; and

WHEREAS, this amendment is consistent with the 2019 Federal RTP, which conforms to the applicable SIP and to the emissions budgets from the 2008 Eight-Hour Ozone Attainment Plan for San Diego County, which were found adequate for transportation conformity purposes by the U.S. Environmental Protection Agency in December 2017; and

WHEREAS, the San Diego Metropolitan Transit System, North County Transit District, and SANDAG have requested various changes to existing projects for inclusion into the 2021 RTIP, as shown in Table 2; and

WHEREAS, this amendment is consistent with the 2019 Federal RTP, which conforms to the 2015 ozone national ambient air quality standards using the budget test procedure to demonstrate conformity (i.e., using emissions budgets for the 2008 ozone standard); and

WHEREAS, this amendment is consistent with the regional emissions analysis for the 2019 Federal RTP and 2021 RTIP, as amended, which demonstrates conformity to both the 2008 Eight-Hour Ozone and 2015 Eight-Hour Ozone standards; and

WHEREAS, the regionally significant, capacity increasing projects have been incorporated into the quantitative air quality emissions analysis and conformity findings conducted for the 2019 Federal RTP and the 2021 RTIP, as amended; and

WHEREAS, Amendment No. 1 to the 2021 RTIP continues to provide for timely implementation of transportation control measures contained in the adopted RAQS/SIP for air quality, and a quantitative emissions analysis demonstrates that the implementation of the RTIP projects and programs meet all federally required emissions budget targets; and

WHEREAS, projects in Amendment No. 1 satisfy the transportation conformity provisions of 40 CFR 93.122(g) and all applicable transportation planning requirements per 23 CFR Part 450, including the performance-based planning requirements; and are expected to support the achievement of approved targets; and

WHEREAS, all other projects in Amendment No. 1 are either non-capacity increasing or exempt from the requirements to determine conformity; and

WHEREAS, the projects in 2021 RTIP Amendment No. 1 are fiscally constrained; and

WHEREAS, the projects in 2021 RTIP Amendment No. 1 are consistent with the Public Participation Policy adopted by the Board of Directors; NOW THEREFORE

BE IT RESOLVED that the Board of Directors, ALSO ACTING AS THE SAN DIEGO COUNTY REGIONAL TRANSPORTATION COMMISSION, does hereby approve Amendment No. 1 to the 2021 RTIP; and

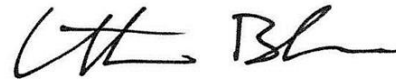
BE IT FURTHER RESOLVED, that SANDAG finds the 2021 RTIP, including Amendment No. 1, is consistent with the 2019 Federal RTP, is in conformance with the applicable SIPs, and with the 2016 RAQS for the San Diego region, is consistent with SANDAG Intergovernmental Review Procedures, and is consistent with SANDAG Public Participation Policy, as amended.

PASSED AND ADOPTED this 23rd of April 2021.

Ayes City of Carlsbad, City of Chula Vista, City of Coronado, County of San Diego, City of Del Mar, City of El Cajon, City of Encinitas, City of Imperial Beach, City of La Mesa, City of Lemon Grove, City of National City, City of Poway, City of San Diego, City of San Marcos, City of Santee, City of Solana Beach, City of Vista.

Noes City of Oceanside

Absent City of Escondido



**Chair of the Board of Directors
of the San Diego County Regional
Transportation Commission**

[Seal]

Attest



**Secretary of the Board of Directors of the
San Diego County Regional Transportation
Commission**

**Table 1 - Summary of Changes Report (\$000)
2021 RTIP Amendment No. 1**

LEGEND:
↑ Increase
↓ Reduce
↔ Revise

Project ID	Lead Agency	Project Title	Total Programmed Before	Total Programmed Revised	Cost Difference	Percent Change	Change Description
NCTD02	North County Transit District	Preventive Maintenance	\$119,883	\$139,132	\$19,249	16%	↑ FTA 5307, ↓ FTA5311, + SB1-SGR, ↓ TDA
NCTD03	North County Transit District	ADA Paratransit Services	\$55,807	\$64,306	\$8,499	15%	↑ <i>TransNet</i> -ADA, ↓ TDA
NCTD05	North County Transit District	Bus Revenue Vehicle Purchases & Related Equipment	\$134,350	\$130,707	-\$3,643	-3%	↓ FTA 5307, ↓ FTA 5339, ↑ LCTOP, ↑ Local Funds, ↓ STA, ↓ SB1-SGR
NCTD06	North County Transit District	Bus/Rail Support Equipment & Facilities	\$50,784	\$78,609	\$27,825	55%	↑ FTA 5307, ↑ FTA 5337, ↑ FTA 5339, + SB1-TIRCP, ↑ STA, ↑ Local Funds
NCTD16B	North County Transit District	Oceanside to Escondido Rail-SPRINTER Debt Service	\$6,800	\$9,300	\$2,500	37%	↑ <i>TransNet</i> -TSI
NCTD18	North County Transit District	Rail-Right-of-Way State of Good Repair & Improvements	\$16,429	\$46,485	\$30,056	183%	↑ FTA 5307, ↑ FTA 5337, ↓ SB1-TIRCP, ↑ STA
NCTD20	North County Transit District	Rail Vehicles & Related Equipment	\$25,209	\$26,758	\$1,549	6%	↑ SB1-SRA Commuter, ↑ STA, ↓ FTA 5307, ↓ FTA 5337
NCTD34	North County Transit District	Transit Service Operating Support	\$215,532	\$268,375	\$52,843	25%	↑ <i>TransNet</i> -TSI, ↑ FTA 5311, ↓ STA, ↑ TDA
SAN36	San Diego Association of Governments	Bus/Rail Signal & Communications Equipment	\$20,858	\$22,643	\$1,785	9%	↑ FTA 5307, ↑ TDA
SAN40	San Diego Association of Governments	Metropolitan Planning	\$66,022	\$78,354	\$12,332	19%	↑ <i>TransNet</i> -BPNS, ↑ <i>TransNet</i> -SGIP, ↓ <i>TransNet</i> -SS, ↑ FTA 5307, ↑ Local Funds
MTS23A	San Diego Metropolitan Transit System	Transit Service Operations	\$19,965	\$48,991	\$29,025	145%	↑ FTA 5307, ↑ FTA5311, + Local Funds, ↑ TDA
MTS28	San Diego Metropolitan Transit System	Bus & Rail Rolling Stock purchases and Rehabilitations	\$123,765	\$267,225	\$143,458	116%	+ <i>TransNet</i> -TSI, ↑ FTA 5307, ↑ FTA 5339, ↑ STA, ↑ LCTOP, ↑ SB1-SGR, + SB1-TIRCP, + Local Funds, ↑ TDA; increase in funding will be used to procure and replace buses, and will go towards replacing LRV fleet
MTS29	San Diego Metropolitan Transit System	Bus and Fixed Guideways Station Stops and Terminals	\$120,535	\$100,523	-\$20,012	-17%	↓ STA, ↑ Local Funds, ↓ TDA
MTS30	San Diego Metropolitan Transit System	Bus/Rail Support Facilities and Equipment	\$51,750	\$108,949	\$57,199	111%	↓ LCTOP, ↑ STA, ↑ TDA, ↑ Local Funds

**Table 1 - Summary of Changes Report (\$000)
2021 RTIP Amendment No. 1**

LEGEND:
 ↑ Increase
 ↓ Reduce
 ↔ Revise

Project ID	Lead Agency	Project Title	Total Programmed Before	Total Programmed Revised	Cost Difference	Percent Change	Change Description
MTS31	San Diego Metropolitan Transit System	Rail Electrification and Power	\$13,163	\$9,163	-\$4,000	-30%	↓ TDA
MTS32A	San Diego Metropolitan Transit System	Preventive Maintenance	\$403,078	\$523,614	\$120,536	30%	↓ <i>TransNet</i> -TSI, ↑ FTA 5307, ↑ FTA 5337; increase in funding will be used for preventive maintenance of equipment, rolling stock, and bus and rail system facilities
MTS33A	San Diego Metropolitan Transit System	Senior Disabled Program	\$12,556	\$12,384	-\$172	-1%	↓ <i>TransNet</i> -ADA
MTS34	San Diego Metropolitan Transit System	Bus Signal and Communications Equipment	\$58,246	\$57,626	-\$620	-1%	↑ STA, ↓ TDA
MTS35	San Diego Metropolitan Transit System	Fixed Guideway Transitways/Lines	\$69,113	\$70,572	\$1,459	2%	↑ STA

Abbreviation	Fund Type
FTA 5307	Federal Transit Administration Urbanized Area Formula Program
FTA 5337	Federal Transit Administration State of Good Repair Grant Program
FTA 5339	Federal Transit Administration Bus and Bus Facilities Grant Program
LCTOP	State Low Carbon Transit Operations Program
Local Funds	Funds available from other sources such as developer fees, fare revenue or general fund
SB1 - SRA	Senate Bill 1 - State Rail Assistance Commuter Rail
SB1 - SGR	Senate Bill 1 - State Transit Assistance State of Good Repair
SB1 - TIRCP	Senate Bill 1 - Transit and Intercity Rail Capital Program
STA	State Transit Assistance
TDA	Transportation Development Act
<i>TransNet</i> - ADA	Prop A Extension - Americans with Disabilities Act
<i>TransNet</i> - BPNS	Prop A Extension - Bicycle, Pedestrian and Neighborhood Safety Program
<i>TransNet</i> - SGIP	Prop A Extension - Smart Growth Incentive Program
<i>TransNet</i> - SS	Prop A Extension - Senior Services
<i>TransNet</i> - TSI	Prop A Extension - Transit System Improvements

Table 2
2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)

North County Transit District

MPO ID: NCTD02										RTIP #:21-01	
Project Title: Preventive Maintenance											
Project Description: NCTD service area - This project funds preventive maintenance for the District bus fixed route, paratransit, rail, facilities, maintenance of way and signals.											
Change Reason: Increase funding											
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance											
Est Total Cost: \$139,132											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$85,082		\$8,940	\$17,589	\$18,900	\$19,839	\$19,814		\$85,082		
FTA 5337	\$26,223		\$2,756	\$8,152	\$205	\$3,477	\$11,633		\$26,223		
SB1 - SGR	\$7,120			\$1,780	\$1,780	\$1,780	\$1,780		\$7,120		
TDA	\$20,707		\$2,924	\$4,655	\$2,996	\$4,049	\$6,082		\$20,707		
TOTAL	\$139,132		\$14,620	\$32,176	\$23,881	\$29,145	\$39,309		\$139,132		
PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$54,069		\$10,498	\$10,761	\$16,546	\$16,265			\$54,069		
FTA 5337	\$41,837		\$9,098	\$10,465	\$10,338	\$11,936			\$41,837		
TDA	\$23,977		\$4,899	\$5,306	\$6,721	\$7,050			\$23,977		
TOTAL	\$119,883		\$24,495	\$26,532	\$33,605	\$35,251			\$119,883		

MPO ID: NCTD03										RTIP #:21-01	
Project Title: ADA Paratransit Services											
Project Description: NCTD service area - This project supports the operations of the District ADA/paratransit services.											
Change Reason: Increase funding											
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance											
Est Total Cost: \$64,306											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - ADA	\$4,998	\$3,076	\$356	\$370	\$385	\$399	\$412		\$4,998		
TransNet - ADA Carryover	\$50	\$50							\$50		
FTA 5307	\$2,000	\$2,000							\$2,000		
Local Funds	\$7,981	\$7,981							\$7,981		
TDA	\$49,277	\$21,494	\$6,388	\$5,078	\$5,265	\$5,441	\$5,611		\$49,277		
TOTAL	\$64,306	\$34,601	\$6,744	\$5,448	\$5,650	\$5,840	\$6,023		\$64,306		
PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - ADA	\$4,185	\$3,076	\$330	\$373	\$406				\$4,185		
TransNet - ADA Carryover	\$50	\$50							\$50		
FTA 5307	\$2,000	\$2,000							\$2,000		
Local Funds	\$7,981	\$7,981							\$7,981		
TDA	\$41,591	\$21,494	\$6,388	\$6,690	\$7,018				\$41,591		
TOTAL	\$55,807	\$34,601	\$6,718	\$7,063	\$7,424				\$55,807		

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD05	RTIP #:21-01
Project Title: Bus Revenue Vehicle Purchases & Related Equipment	
Project Description: NCTD service area - This project funds the programmatic replacement of fixed route buses that have reached the end of their service life, and the programmatic rebuild of fixed route buses engines and transmissions.	
Change Reason: Reduce funding, Revise Fund Source	
Capacity Status: NCI	Exempt Category: Mass Transit - Purchase new buses and rail cars to replace existing vehicles or minor expansions of fleet

Est Total Cost: \$130,708

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - MC	\$1,509	\$1,509									\$1,509
TransNet - Transit (Cash)	\$1,155	\$1,155									\$1,155
FTA 5307	\$49,104	\$49,010	\$94								\$49,104
FTA 5309 (Bus)	\$4,622	\$4,622									\$4,622
FTA 5311	\$2,036	\$2,036									\$2,036
FTA 5339	\$9,887	\$7,538	\$470	\$470	\$470	\$470	\$470				\$9,887
FTA Funds - AR-5311	\$578	\$578									\$578
Other State - LCTOP	\$11,820	\$3,220		\$2,000	\$2,200	\$2,200	\$2,200				\$11,820
SB1 - SGR	\$1,604		\$1,604								\$1,604
STA	\$3,002	\$1,181	\$1,328	\$141	\$117	\$117	\$117				\$3,002
TCRP	\$7,700	\$7,700									\$7,700
Local Funds	\$30,181	\$13,060			\$9,222		\$7,900				\$30,181
TDA	\$7,509	\$7,509									\$7,509
TOTAL	\$130,707	\$99,118	\$3,496	\$2,611	\$12,009	\$2,787	\$10,687				\$130,707

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - MC	\$1,509	\$1,509									\$1,509
TransNet - Transit (Cash)	\$1,155	\$1,155									\$1,155
FTA 5307	\$69,870	\$49,010	\$8,184	\$9,220	\$3,456						\$69,870
FTA 5309 (Bus)	\$4,622	\$4,622									\$4,622
FTA 5311	\$2,036	\$2,036									\$2,036
FTA 5339	\$13,614	\$7,538	\$2,025	\$2,025	\$2,025						\$13,614
FTA Funds - AR-5311	\$578	\$578									\$578
Other State - LCTOP	\$3,220	\$3,220									\$3,220
SB1 - SGR	\$4,813		\$1,604	\$1,604	\$1,604						\$4,813
STA	\$4,664	\$1,181	\$1,328	\$1,207	\$948						\$4,664
TCRP	\$7,700	\$7,700									\$7,700
Local Funds	\$13,060	\$13,060									\$13,060
TDA	\$7,509	\$7,509									\$7,509
TOTAL	\$134,350	\$99,118	\$13,141	\$14,056	\$8,033						\$134,350

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD06		RTIP #:21-01
Project Title:	Bus/Rail Support Equipment & Facilities	
Project Description:	NCTD service area - This project funds District state of good repair projects, including the repair, replacement and upgrade of fixed route and rail operations facilities and equipment, including information technology and fare revenue equipment.	
Change Reason:	Increase funding	
Capacity Status:	NCI	Exempt Category: Mass Transit - Purchase of office, shop and operating equipment for existing facilities

Est Total Cost: \$78,609

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$34,675	\$22,058	\$8,562	\$2,460	\$1,150	\$210	\$235				\$34,675
FTA 5309 (Bus)	\$332	\$332									\$332
FTA 5337	\$10,952	\$9,512	\$320	\$1,012			\$108				\$10,952
FTA 5339	\$8,597	\$1,694	\$1,381	\$1,381	\$1,381	\$1,381	\$1,381				\$8,597
Transit Security (TSGP)	\$1,538	\$1,538									\$1,538
SB1 - TIRCP	\$405				\$405						\$405
STA	\$6,061	\$780	\$438	\$2,566	\$1,213	\$633	\$431				\$6,061
Local Funds	\$10,049	\$5,474	\$4,575								\$10,049
TDA	\$6,000	\$6,000									\$6,000
TOTAL	\$78,609	\$47,388	\$15,276	\$7,419	\$4,149	\$2,224	\$2,155				\$78,609

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$23,861	\$22,058	\$1,474	\$175	\$154						\$23,861
FTA 5309 (Bus)	\$332	\$332									\$332
FTA 5337	\$10,426	\$9,512	\$279	\$271	\$364						\$10,426
FTA 5339	\$1,694	\$1,694									\$1,694
Transit Security (TSGP)	\$1,538	\$1,538									\$1,538
STA	\$1,459	\$780	\$438	\$112	\$129						\$1,459
Local Funds	\$5,474	\$5,474									\$5,474
TDA	\$6,000	\$6,000									\$6,000
TOTAL	\$50,784	\$47,388	\$2,191	\$558	\$647						\$50,784

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD16B										RTIP #:21-01	
Project Title: Oceanside to Escondido Rail-SPRINTER Debt Service											
Project Description: SPRINTER, Oceanside to Escondido - This project funds debt service on \$34 million of Certificates of Completion issued to fund SPRINTER rail construction.											
Change Reason: Increase funding											
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance											
Est Total Cost: \$9,300											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$9,300		\$1,700	\$1,900	\$1,900	\$1,900	\$1,900		\$9,300		
TOTAL	\$9,300		\$1,700	\$1,900	\$1,900	\$1,900	\$1,900		\$9,300		
PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$6,800		\$1,700	\$1,700	\$1,700	\$1,700			\$6,800		
TOTAL	\$6,800		\$1,700	\$1,700	\$1,700	\$1,700			\$6,800		

MPO ID: NCTD18										RTIP #:21-01	
Project Title: Rail-Right-of-Way State of Good Repair & Improvements											
Project Description: NCTD service area - This project funds various District state of good repair projects and programs for the rail right of way, grade crossing replacement, right-of-way (ROW) drainage improvement, and programmatic replacement of rail ties and rail grinding. This project also funds the bridge replacement projects for BR.257.2, BR 207.6, BR 207.8 and BR 209.9.											
Change Reason: Add new funding source, Increase funding											
Capacity Status:NCI Exempt Category:Mass Transit - Track rehabilitation in existing right of way											
Est Total Cost: \$46,485											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$2,261		\$2,261								\$2,261
FTA 5337	\$28,676		\$6,344	\$1,332	\$11,936	\$8,664	\$400				\$28,676
SB1 - TIRCP	\$15,035		\$3,821	\$2,905	\$2,500	\$2,905	\$2,905				\$15,035
STA	\$513			\$480	\$33						\$513
TOTAL	\$46,485		\$12,426	\$4,717	\$14,469	\$11,569	\$3,305				\$46,485
PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$144					\$144					\$144
FTA 5337	\$800			\$400	\$400						\$800
SB1 - TIRCP	\$15,285		\$3,821	\$3,821	\$3,821	\$3,821					\$15,285
STA	\$200				\$100	\$100					\$200
TOTAL	\$16,429		\$3,821	\$4,221	\$4,321	\$4,065					\$16,429

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

North County Transit District

MPO ID: NCTD20		RTIP #:21-01
Project Title:	Rail Vehicles & Related Equipment	
Project Description:	NCTD service area - This project funds the District state of good repair projects and programs replacing, repairing and rehabilitating the District COASTER and SPRINTER rail fleets, which includes the purchase of replacement locomotives, and Diesel Multiple Unit (DMU) rehabilitation and component overhauls.	
Change Reason:	Increase funding, Revise project description	
Capacity Status:	NCI	Exempt Category: Mass Transit - Purchase new buses and rail cars to replace existing vehicles or minor expansions of fleet

Est Total Cost: \$26,758											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$192		\$192								\$192
FTA 5337	\$5,760		\$4,115	\$1,645							\$5,760
SB1 - SRA Commuter	\$18,980		\$3,680	\$3,800	\$3,800	\$3,800	\$3,900				\$18,980
STA	\$1,826		\$338	\$1,077	\$411						\$1,826
TOTAL	\$26,758		\$8,325	\$6,522	\$4,211	\$3,800	\$3,900				\$26,758

PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5337	\$4,194		\$2,559	\$800	\$834						\$4,194
SB1 - LPP Formula	\$8,900					\$8,900					\$8,900
SB1 - SRA Commuter	\$11,160		\$3,680	\$3,720	\$3,760						\$11,160
STA	\$955		\$338	\$200	\$209	\$209					\$955
TOTAL	\$25,209		\$6,577	\$4,720	\$4,803	\$9,109					\$25,209

MPO ID: NCTD34		RTIP #:21-01
Project Title:	Transit Service Operating Support	
Project Description:	NCTD service area - This project funds operating costs for existing fixed route and rail transit service, including rural services.	
Change Reason:	Increase funding	
Capacity Status:	NCI	Exempt Category: Mass Transit - Transit operating assistance

Est Total Cost: \$268,375											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$63,152		\$11,725	\$12,052	\$12,624	\$13,132	\$13,619		\$63,152		
FTA 5311	\$2,419		\$484	\$484	\$484	\$484	\$484		\$2,419		
STA	\$33,685		\$7,701	\$4,058	\$6,547	\$7,572	\$7,807		\$33,685		
TDA	\$169,119		\$26,912	\$35,460	\$33,518	\$36,523	\$36,706		\$169,119		
TOTAL	\$268,375		\$46,822	\$52,054	\$53,173	\$57,711	\$58,616		\$268,375		

PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$50,826		\$10,743	\$12,358	\$13,611	\$14,114			\$50,826		
DEMO	\$466					\$466			\$466		
FTA 5311	\$1,398		\$466	\$466	\$466				\$1,398		
STA	\$34,741		\$7,701	\$8,813	\$8,580	\$9,647			\$34,741		
TDA	\$128,101		\$26,912	\$31,644	\$34,813	\$34,732			\$128,101		
TOTAL	\$215,532		\$45,822	\$53,281	\$57,470	\$58,959			\$215,532		

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN36		RTIP #:21-01
Project Title:	Bus/Rail Signal & Communications Equipment	SANDAG ID: 1129200, 1145100, 1144000
Project Description:	Countywide - bid display module, dispatch software, fixed guideway electrification/power distribution projects such as catenary replacement, Feeder Cable, SCADA, DC Breaker Replacement	
Change Reason:	Add new funding source	
Capacity Status:	NCI	Exempt Category: Mass Transit - Track rehabilitation in existing right of way

Est Total Cost: **\$22,643**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - MC	\$1,097	\$597	\$500								\$1,097
FTA 5307	\$15,093	\$13,665	\$1,428								\$15,093
FTA 5309 (FG)	\$1,112	\$1,112									\$1,112
Local Funds	\$2,353	\$2,353									\$2,353
TDA	\$2,988	\$2,631	\$357								\$2,988
TOTAL	\$22,643	\$20,358	\$2,285								\$22,643

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - MC	\$1,097	\$597	\$500								\$1,097
FTA 5307	\$13,665	\$13,665									\$13,665
FTA 5309 (FG)	\$1,112	\$1,112									\$1,112
Local Funds	\$2,353	\$2,353									\$2,353
TDA	\$2,631	\$2,631									\$2,631
TOTAL	\$20,858	\$20,358	\$500								\$20,858

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Association of Governments

MPO ID: SAN40		RTIP #:21-01
Project Title:	Metropolitan Planning	SANDAG ID:
Project Description:	Countywide - ongoing regional transportation planning as well as administrative oversight for various <i>TransNet</i> and FTA-funded programs. Toll Credits will be used to match federal funds for the PE phase.	31020,33201,33203,23000,31007,35040,33107
Change Reason:	Increase funding	
Capacity Status:	NCI	Exempt Category: Other - Non construction related activities

Est Total Cost: **\$78,354**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
<i>TransNet</i> - BPNS	\$594	\$483	\$111						\$594		
<i>TransNet</i> - MC	\$395	\$395							\$395		
<i>TransNet</i> - SGIP	\$594	\$483	\$111						\$594		
<i>TransNet</i> - SS	\$445	\$395	\$50						\$445		
CBI	\$250	\$250							\$250		
FTA 5307	\$59,461	\$34,619	\$4,968	\$4,968	\$4,968	\$4,968	\$4,968		\$59,461		
FTA 5309TOD	\$239	\$239							\$239		
FTA 5310	\$442	\$442							\$442		
ITS	\$231	\$231							\$231		
RSTP	\$1,570	\$991	\$579						\$1,570		
Local Funds	\$14,133	\$7,922	\$1,242	\$1,242	\$1,242	\$1,242	\$1,242		\$14,133		
TOTAL	\$78,354	\$46,450	\$7,061	\$6,210	\$6,210	\$6,210	\$6,210		\$78,354		

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
<i>TransNet</i> - BPNS	\$542	\$542							\$542		
<i>TransNet</i> - MC	\$395	\$395							\$395		
<i>TransNet</i> - SGIP	\$542	\$542							\$542		
<i>TransNet</i> - SS	\$540	\$540							\$540		
CBI	\$250	\$250							\$250		
FTA 5307	\$49,603	\$34,619	\$4,995	\$4,995	\$4,995				\$49,603		
FTA 5309TOD	\$239	\$239							\$239		
FTA 5310	\$442	\$442							\$442		
ITS	\$231	\$231							\$231		
RSTP	\$1,570	\$991	\$579						\$1,570		
Local Funds	\$11,668	\$7,922	\$1,249	\$1,249	\$1,249				\$11,668		
TOTAL	\$66,022	\$46,713	\$6,823	\$6,244	\$6,244				\$66,022		

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS23A	RTIP #:21-01
Project Title: Transit Service Operations	
Project Description: MTS service area - Operating support for Americans with Disabilities Act (ADA) and Paratransit bus service as well as Network Integration funding from TIRCP to create operating plans for new bus routes.	
Change Reason: Revise funding between fiscal years	
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance	

Est Total Cost: **\$48,991**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$20,827		\$2,462	\$4,591	\$4,591	\$4,591	\$4,591		\$20,827		
FTA 5311	\$3,132		\$636	\$624	\$624	\$624	\$624		\$3,132		
Local Funds	\$2,703			\$2,703					\$2,703		
TDA	\$22,329		\$3,964	\$4,591	\$4,591	\$4,591	\$4,591		\$22,329		
TOTAL	\$48,991		\$7,062	\$12,509	\$9,806	\$9,806	\$9,806		\$48,991		

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$13,848		\$4,618	\$4,615	\$4,615				\$13,848		
FTA 5311	\$1,871		\$624	\$624	\$624				\$1,871		
TDA	\$4,246		\$1,415	\$1,415	\$1,415				\$4,246		
TOTAL	\$19,965		\$6,657	\$6,654	\$6,654				\$19,965		

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS28	RTIP #:21-01
Project Title:	Bus & Rail Rolling Stock purchases and Rehabilitations
Project Description:	MTS service area - - 3/3/2021 The FY21 funding will be use to procurement and replace 32 40' CNG buses, 17 ZEB buses, 11 60' CNG buses, 5 mini buses and 5 ADA buses. We will also use the funding towards replacing our SD100 Light Rail Vehicle fleet. Purchase replacement buses, Replace Light Rail Vehicles, Procurement of materials and services for the rehabilitation or retrofit of mechanical components, electrical components, and coach bodies of Light Rail Vehicles and buses. MTS plans to use FY20 funding to purchase 7 40 foot buses in FY20, 43 40 foot buses in FY21, and 26 articulated buses in FY21. The FY20 funding will also go towards the SD100 LRV replacement, in which the 51 SD100 high-floor LRVs will be replaced with new Low-floor LRVs. It will also replace 30 ADA paratransit vehicles, as well as go towards the funding for the New MTS Transit Facility. There are also various state of good repair projects funded in FY20, such as the CPC Substations replacement, and rehabilitation/improvement of the Old Town Transit Center.
Change Reason:	Increase funding, Revise funding between fiscal years
Capacity Status:NCI	Exempt Category:Mass Transit - Purchase new buses and rail cars to replace existing vehicles or minor expansions of fleet

Est Total Cost: \$267,225

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
<i>TransNet</i> - TSI	\$51							\$51			\$51
FTA 5307	\$44,809		\$10,228	\$10,145	\$9,145	\$8,145	\$7,145				\$44,809
FTA 5339	\$21,589		\$4,318	\$4,318	\$4,318	\$4,318	\$4,318				\$21,589
Other State - LCTOP	\$24,623			\$5,126	\$7,097	\$6,200		\$6,200			\$24,623
SB1 - SGR	\$23,756			\$4,956	\$4,700	\$4,700	\$4,700	\$4,700			\$23,756
SB1 - TIRCP	\$18,451			\$12,866	\$5,585						\$18,451
STA	\$23,226					\$11,613		\$11,613			\$23,226
Local Funds	\$11,555			\$11,555							\$11,555
TDA	\$99,165		\$11,129	\$15,433	\$23,028	\$11,195	\$38,380				\$99,165
TOTAL	\$267,225		\$25,675	\$64,399	\$53,873	\$46,171	\$54,543	\$22,564			\$267,225

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$26,621		\$8,541	\$9,541	\$8,540						\$26,621
FTA 5337	\$4,553		\$2,851	\$851	\$851						\$4,553
FTA 5339	\$14,177		\$4,726	\$4,726	\$4,726						\$14,177
SB1 - SGR	\$18,800		\$4,700	\$4,700	\$4,700	\$4,700					\$18,800
STA	\$1,853		\$1,231		\$622						\$1,853
TDA	\$57,761		\$16,149	\$18,367	\$23,245						\$57,761
TOTAL	\$123,765		\$38,198	\$38,185	\$42,684	\$4,700					\$123,765

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS29	RTIP #:21-01
Project Title: Bus and Fixed Guideways Station Stops and Terminals Project Description: MTS service area - Maintenance, improvements, upgrades, and retrofits of bus and trolley stations and stops throughout the MTS Service Area. FY20 projects include funding for an expansion of the Imperial Avenue transit center, pedestrian enhancements at American Plaza, and other improvements at the Rio vista trolley station. Change Reason: Reduce funding, Revise funding between fiscal years Capacity Status:NCI Exempt Category:Mass Transit - Reconstruction or renovation of transit structures	

Est Total Cost: \$100,523											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$1,644	\$1,644									\$1,644
FTA 5309 (Bus)	\$347	\$347									\$347
FTA 5309 (FG)	\$528	\$528									\$528
FTA 5311	\$39	\$39									\$39
Prop 1B Transit Sec Grant Prg	\$1,008	\$1,008									\$1,008
SB1 - TIRCP	\$19,258	\$3,892	\$15,366								\$19,258
STA	\$31,582	\$1,729	\$13,654	\$4,587			\$11,613				\$31,582
Local Funds	\$12,783	\$11,533		\$1,250							\$12,783
TDA	\$33,334	\$15,600	\$10,296	\$1,755	\$1,550	\$800	\$3,332				\$33,334
TOTAL	\$100,523	\$36,320	\$39,316	\$7,592	\$1,550	\$800	\$14,945				\$100,523

PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$1,644	\$1,644									\$1,644
FTA 5309 (Bus)	\$347	\$347									\$347
FTA 5309 (FG)	\$528	\$528									\$528
FTA 5311	\$39	\$39									\$39
Prop 1B Transit Sec Grant Prg	\$1,008	\$1,008									\$1,008
SB1 - TIRCP	\$19,258	\$3,892	\$15,366								\$19,258
STA	\$56,950	\$1,729	\$13,654	\$14,950	\$14,950	\$11,668					\$56,950
Local Funds	\$11,533	\$11,533									\$11,533
TDA	\$29,228	\$15,600	\$10,296			\$3,332					\$29,228
TOTAL	\$120,535	\$36,320	\$39,316	\$14,950	\$14,950	\$15,000					\$120,535

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS30		RTIP #:21-01
Project Title:	Bus/Rail Support Facilities and Equipment	
Project Description:	MTS facilities throughout the MTS service area - Projects Include an overhaul and replacement of the MTS fare system, other misc. capital equipment for transit maintenance; design and procurement of materials and services for support equipment such as hoists, fall protections, and building improvements/re-models for various MTS facilities.	
Change Reason:	Increase funding, Revise funding between fiscal years	
	Capacity Status:NCI	Exempt Category:Mass Transit - Purchase of office, shop and operating equipment for existing facilities

Est Total Cost: **\$108,949**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
Other State - LCTOP	\$18,375		\$12,175				\$6,200				\$18,375
SB1 - TIRCP	\$3,038		\$3,038								\$3,038
STA	\$18,041		\$3,787	\$4,100	\$10,154						\$18,041
Local Funds	\$12,930			\$8,400	\$4,530						\$12,930
TDA	\$56,565			\$8,163	\$16,847	\$10,752	\$20,803				\$56,565
TOTAL	\$108,949		\$19,000	\$20,663	\$31,531	\$10,752	\$27,003				\$108,949

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
Other State - LCTOP	\$24,575		\$12,175	\$6,200	\$6,200						\$24,575
SB1 - TIRCP	\$3,038		\$3,038								\$3,038
STA	\$10,609		\$3,787	\$3,722	\$3,100						\$10,609
TDA	\$13,528			\$8,828	\$4,700						\$13,528
TOTAL	\$51,750		\$19,000	\$18,750	\$14,000						\$51,750

MPO ID: MTS31		RTIP #:21-01
Project Title:	Rail Electrification and Power	
Project Description:	Along Blue Line Right-Of-Way (ROW) - Programmed projects include Centralized Protection and Control (CPC) Substation Replacement.	
Change Reason:	Reduce funding, Revise funding between fiscal years	
	Capacity Status:NCI	Exempt Category:Mass Transit - Track rehabilitation in existing right of way

Est Total Cost: **\$9,163**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$1,600	\$1,600									\$1,600
SB1 - SGR	\$4,462	\$4,462									\$4,462
STA	\$1,746	\$1,746									\$1,746
TDA	\$1,355	\$930		\$425							\$1,355
TOTAL	\$9,163	\$8,738		\$425							\$9,163

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$1,600	\$1,600									\$1,600
SB1 - SGR	\$4,462	\$4,462									\$4,462
STA	\$1,746	\$1,746									\$1,746
TDA	\$5,355	\$930	\$425	\$4,000							\$5,355
TOTAL	\$13,163	\$8,738	\$425	\$4,000							\$13,163

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS32A								RTIP #:21-01			
Project Title: Preventive Maintenance											
Project Description: MTS service area - Maintenance of equipment, rolling stock, and facilities for bus and rail systems.											
Change Reason: Increase funding, Revise funding between fiscal years											
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance											
Est Total Cost: \$523,614											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$175,347		\$30,580	\$34,218	\$35,619	\$36,868	\$38,062		\$175,347		
TransNet - TSI Carry Over	\$6		\$6						\$6		
FTA 5307	\$162,422		\$31,813	\$31,152	\$32,152	\$33,152	\$34,152		\$162,422		
FTA 5337	\$141,589		\$28,318	\$28,318	\$28,318	\$28,318	\$28,318		\$141,589		
Local Funds	\$44,250		\$14,500	\$14,750	\$15,000				\$44,250		
TOTAL	\$523,614		\$105,217	\$108,438	\$111,089	\$98,338	\$100,532		\$523,614		

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - TSI	\$181,822		\$30,580	\$34,549	\$37,630	\$38,867	\$40,196		\$181,822		
TransNet - TSI Carry Over	\$6		\$6						\$6		
FTA 5307	\$98,000		\$33,000	\$32,000	\$33,000				\$98,000		
FTA 5337	\$79,000		\$25,000	\$27,000	\$27,000				\$79,000		
Local Funds	\$44,250		\$14,500	\$14,750	\$15,000				\$44,250		
TOTAL	\$403,078		\$103,086	\$108,299	\$112,630	\$38,867	\$40,196		\$403,078		

MPO ID: MTS33A

RTIP #:21-01

Project Title: Senior Disabled Program											
Project Description: MTS service area - subsidy for senior and disabled as required by TransNet.											
Change Reason: Reduce funding, Revise funding between fiscal years											
Capacity Status:NCI Exempt Category:Mass Transit - Transit operating assistance											
Est Total Cost: \$12,384											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - ADA	\$12,304	\$7,653	\$811	\$908	\$945	\$978	\$1,010		\$12,304		
TransNet - ADA Carryover	\$80	\$77	\$3						\$80		
TOTAL	\$12,384	\$7,730	\$814	\$908	\$945	\$978	\$1,010		\$12,384		

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
TransNet - ADA	\$12,476	\$7,653	\$811	\$916	\$998	\$1,031	\$1,066		\$12,476		
TransNet - ADA Carryover	\$80	\$77	\$3						\$80		
TOTAL	\$12,556	\$7,730	\$814	\$916	\$998	\$1,031	\$1,066		\$12,556		

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS34	RTIP #:21-01
Project Title: Bus Signal and Communications Equipment	
Project Description: MTS service area - Projects Include the overhaul and upgrade of the Regional Transit Management system for MTS vehicles. The bus and light rail communication hardware will be replaced, maintained, and upgraded.	
Change Reason: Reduce funding, Revise funding between fiscal years	
Capacity Status:NCI Exempt Category:Mass Transit - Reconstruction or renovation of transit structures	

Est Total Cost: **\$57,626**

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$3,116	\$3,116									\$3,116
FTA 5309 (Bus)	\$800	\$800									\$800
FTA 5309 (FG)	\$120	\$120									\$120
FTA 5339	\$4,303	\$4,303									\$4,303
Prop 1B Transit Sec Grant Prg	\$7,782	\$7,782									\$7,782
STA	\$2,826	\$2,446		\$380							\$2,826
Local Funds	\$765	\$765									\$765
TDA	\$37,914	\$35,104		\$2,810							\$37,914
TOTAL	\$57,626	\$54,436		\$3,190							\$57,626

PROJECT LAST AMENDED 21-00

	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$3,116	\$3,116									\$3,116
FTA 5309 (Bus)	\$800	\$800									\$800
FTA 5309 (FG)	\$120	\$120									\$120
FTA 5339	\$4,303	\$4,303									\$4,303
Prop 1B Transit Sec Grant Prg	\$7,782	\$7,782									\$7,782
STA	\$2,446	\$2,446									\$2,446
Local Funds	\$765	\$765									\$765
TDA	\$38,914	\$35,104	\$2,810			\$1,000					\$38,914
TOTAL	\$58,246	\$54,436	\$2,810			\$1,000					\$58,246

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

San Diego Metropolitan Transit System

MPO ID: MTS35	RTIP #:21-01
Project Title: Fixed Guideway Transitways/Lines	
Project Description: MTS service area - Bus and Rail infrastructure maintenance and upgrades including rail tie replacement, Beyer blvd track and slope repair, Track/hill work at the Enterprise wall. MTS was also awarded TIRCP discretionary funding for double crossovers on the blue line at Beech St, Middletown, and a double tracking at Imperial Avenue on the green line.	
Change Reason: Increase funding, Revise funding between fiscal years	
Capacity Status:NCI Exempt Category:Mass Transit - Track rehabilitation in existing right of way	

Est Total Cost: \$70,572											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$622	\$622									\$622
Prop 1B - PTMISEA	\$464	\$464									\$464
Prop 1B Transit Sec Grant Prg	\$800	\$800									\$800
SB1 - TIRCP	\$31,579	\$24,175		\$7,404							\$31,579
STA	\$7,290	\$3,065		\$2,766	\$1,459						\$7,290
Local Funds	\$4,000	\$4,000									\$4,000
TDA	\$25,817	\$21,547		\$4,270							\$25,817
TOTAL	\$70,572	\$54,673		\$14,440	\$1,459						\$70,572

PROJECT LAST AMENDED 21-00											
	TOTAL	PRIOR	20/21	21/22	22/23	23/24	24/25	FUTURE	PE	RW	CON
FTA 5307	\$622	\$622									\$622
Prop 1B - PTMISEA	\$464	\$464									\$464
Prop 1B Transit Sec Grant Prg	\$800	\$800									\$800
SB1 - TIRCP	\$31,579	\$24,175	\$7,404								\$31,579
STA	\$5,831	\$3,065	\$2,766								\$5,831
Local Funds	\$4,000	\$4,000									\$4,000
TDA	\$25,817	\$21,547	\$4,270								\$25,817
TOTAL	\$69,113	\$54,673	\$14,440								\$69,113

**2021 Regional Transportation Improvement Program
Amendment No. 1
San Diego Region (in \$000s)**

RTIP Fund Types

<u>Federal Funding</u>	
BIP/CBI	Border Infrastructure Program/Corridors and Borders Infrastructure Program
DEMO - TEA 21	High Priority Demonstration Program under TEA-21
DEMO-Sec 115	High Priority Demonstration Program under FY 2004 Appropriations
DEMO-Sec 117/STP	Surface Transportation Program under FHWA Administrative Program (congressionally directed appropriations)
FTA Section 5307	Federal Transit Administration Urbanized Area Formula Program
FTA Section 5309 (Bus)	Federal Transit Administration Discretionary Program
FTA Section 5309 (FG)	Federal Transit Administration Fixed Guideway Modernization Formula Program
FTA Section 5310	Federal Transit Administration Elderly & Disabled Program
FTA Section 5311	Federal Transit Administration Rural Program
FTA Section 5337	Federal Transit Administration State of Good Repair Grant Program
FTA Section 5339	Federal Transit Administration Bus and Bus Facilities Formula Grant Program
ITS	Intelligent Transportation System
RSTP	Regional Surface Transportation Program
TSGP	Transit Security Grant Program (Federal Discretionary)
CMAQ/RSTP Conversion	Reimbursement of advanced federal funds which have been advanced with local funds in earlier years
<u>State Funding</u>	
PTMISEA	Public Transportation Modernization, Improvement, and Service Enhancement Account (State Prop 1B)
SB1 - LPP Formula	Senate Bill 1 - Local Partnership Formula Program
SB1 - SGR	Senate Bill 1 - State Transit Assistance State of Good Repair
SB1 - TIRCP	Senate Bill 1 - Transit and Intercity Rail Program
SB1 - SRA Commuter	Senate Bill 1 - State Rail Assistance Commuter Rail
STA	State Transit Assistance
TCRP	Traffic Congestion Relief Program
TSGP	Transit Security Grant Program (State Prop. 1B)
<u>Local Funding</u>	
Local Funds AC	Local Funds - Advanced Construction; mechanism to advance local funds to be reimbursed at a later fiscal year with federal/state funds
TDA	Transportation Development Act
TransNet-ADA	Prop. A Local Transportation Sales Tax - Transit
TransNet-BPNS	Prop. A Extension Local Transportation Sales Tax - Bicycle, Pedestrian and Neighborhood Safety Program
TransNet-MC	Prop. A Extension Local Transportation Sales Tax - Major Corridors
TransNet-SGIP	Prop. A Extension Local Transportation Sales Tax - Regional Smart Growth Incentive Program
TransNet-SS	Prop. A Extension Local Transportation Sales Tax - Senior Services
TransNet-TSI	Prop. A Extension Local Transportation Sales Tax- Transit System Improvements

Table 3a: Revenues

San Diego Association of Governments (SANDAG)
2021 Regional Transportation Improvement Program (in \$000s) - Amendment No. 1

Legend
Yellow Highlighting indicates a change from the prior amendment

	Prior Years	2020/2021		2021/2022		2022/2023		2023/2024		2024/2025		TOTAL		
		Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
LOCAL	Sales Tax	\$3,598,954	\$628,999	\$632,827	\$464,523	\$464,060	\$379,165	\$376,197	\$197,369	\$194,418	\$239,303	\$236,153	\$5,508,577	\$5,502,609
	-- County	\$3,598,954	\$628,999	\$632,827	\$464,523	\$464,060	\$379,165	\$376,197	\$197,369	\$194,418	\$239,303	\$236,153	\$5,508,577	\$5,502,609
	Other Local Funds	\$505,491	\$226,047	\$230,615	\$158,766	\$182,667	\$423,630	\$437,375	\$245,755	\$246,997	\$119,422	\$128,564	\$1,679,111	\$1,731,710
	-- City General Funds	\$479,832	\$213,145	\$217,713	\$152,249	\$176,150	\$182,744	\$196,489	\$126,506	\$127,748	\$99,484	\$108,626	\$1,253,960	\$1,306,559
	-- Street Taxes and Developer Fees	\$25,659	\$12,902	\$12,902	\$6,517	\$6,517	\$240,886	\$240,886	\$119,249	\$119,249	\$19,938	\$19,938	\$425,151	\$425,151
	-- RSTP Exchange funds													
	Other	\$841,710	\$125,804	\$114,210	\$98,368	\$104,758	\$95,863	\$105,744	\$48,108	\$75,345	\$843	\$116,349	\$1,210,696	\$1,358,116
Local Total	\$4,946,155	\$980,850	\$977,653	\$721,657	\$751,485	\$898,658	\$919,316	\$491,232	\$516,761	\$359,568	\$481,065	\$8,398,384	\$8,592,435	
STATE	State Highway Operations and Protection Program	\$124,955	\$303,908	\$303,908	\$140,888	\$140,888	\$302,531	\$302,531	\$81,710	\$81,710			\$953,992	\$953,992
	SHOPP (Including Augmentation)	\$124,955	\$303,908	\$303,908	\$140,888	\$140,888	\$302,531	\$302,531	\$81,710	\$81,710			\$953,992	\$953,992
	SHOPP Prior													
	State Transportation Improvement Program	\$654,587	\$1,105	\$1,105	\$1,105	\$1,105	\$108,478	\$108,478	\$1,210	\$1,210	\$1,212	\$1,212	\$767,697	\$767,697
	STIP (Including Augmentation)	\$612,830	\$1,105	\$1,105	\$1,105	\$1,105	\$108,478	\$108,478	\$1,210	\$1,210	\$1,212	\$1,212	\$725,940	\$725,940
	STIP Prior	\$41,756											\$41,756	\$41,756
	Proposition 1 A	\$41,843											\$41,843	\$41,843
	Proposition 1 B	\$647,752											\$649,071	\$649,071
	Active Transportation Program	\$32,073	\$30,804	\$30,804	\$20,050	\$20,050	\$5,967	\$5,967			\$1,319	\$1,319	\$88,894	\$88,894
	Highway Maintenance (HM)													
	Highway Bridge Program (HBP)	\$83,366	\$13,677	\$13,677	\$41,886	\$41,886	\$40,502	\$40,502	\$20,000	\$20,000	\$207,501	\$207,501	\$406,933	\$406,933
	Road Repair and Accountability Act of 2017 (SB1)	\$385,709	\$98,375	\$86,272	\$25,208	\$45,073	\$21,085	\$25,970	\$29,121	\$24,885	\$1,700	\$14,985	\$561,199	\$582,892
	Traffic Congestion Relief Program (TCRP)	\$101,298											\$101,298	\$101,298
State Transit Assistance (e.g., population/revenue based, Prop 42)	\$177,877	\$31,244	\$27,246	\$29,003	\$20,155	\$28,638	\$19,935	\$21,624	\$19,935		\$19,968	\$288,386	\$285,117	
Other	\$107,560	\$20,649	\$20,649	\$10,900	\$11,826	\$10,900	\$13,997	\$4,700	\$13,100	\$4,700	\$13,100	\$159,408	\$180,231	
State Total	\$2,357,019	\$499,762	\$483,661	\$269,041	\$280,983	\$518,102	\$517,380	\$158,365	\$160,840	\$216,432	\$258,085	\$4,018,721	\$4,057,968	
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$780,382	\$71,324	\$70,949	\$71,324	\$70,947	\$71,324	\$70,947	\$71,324	\$70,947	\$71,324	\$70,947	\$1,137,002	\$1,135,120
	5309a - Fixed Guideway Modernization	\$97,086											\$97,086	\$97,086
	5309b - New and Small Starts (Capital Investment Grants)	\$552,996	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$113,380	\$113,380	\$1,066,376	\$1,066,376	
	5309c - Bus and Bus Related Grants	\$58,636											\$58,636	\$58,636
	5310 - Mobility of Seniors and Individuals with Disabilities	\$4,605											\$4,605	\$4,605
	5311 - Nonurbanized Area Formula Program	\$10,667	\$1,090	\$1,120	\$1,090	\$1,108	\$1,090	\$1,108		\$1,108		\$1,108	\$13,937	\$16,218
	5337 - State of Good Repair	\$296,028	\$39,787	\$41,853	\$39,787	\$40,459	\$39,787	\$40,459	\$39,787	\$40,459	\$39,793	\$40,459	\$494,970	\$499,716
	5339 - Bus and Bus Facilities Program	\$37,298	\$7,483	\$6,965	\$6,751	\$6,168	\$6,751	\$6,168	\$6,751	\$6,168	\$6,751	\$6,168	\$71,785	\$68,936
	Other	\$40,961											\$40,961	\$40,961
	Federal Transit Total	\$1,878,660	\$219,684	\$220,887	\$218,952	\$218,682	\$218,952	\$218,682	\$217,862	\$218,682	\$231,247	\$232,062	\$2,985,358	\$2,987,655
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$386,940	\$29,884	\$29,884	\$25,124	\$25,124	\$33,914	\$33,914	\$33,903	\$33,903	\$33,903	\$33,903	\$543,668	\$543,668
	Coordinated Border Infrastructure (SAFETEA-LU Sec.1303)	\$239,884	\$24,601	\$24,601	\$3,544	\$3,544							\$268,029	\$268,029
	GARVEE Bonds (Includes Debt Service Payments)													
	Highway Infrastructure Program (HIP)	\$22,940	\$13,076	\$13,076									\$36,016	\$36,016
	High Priority Projects (HPP) and Demo	\$90,861	\$228	\$228	\$356	\$356			\$466				\$91,911	\$91,445
	Highway Safety Improvement Program (HSIP)	\$2,851	\$2,146	\$2,146	\$6,505	\$6,505	\$7,095	\$7,095	\$5,726	\$5,726			\$24,324	\$24,324
	National Significant Freight & Highway Projects (FASTLANE/INFRA)	\$49,278											\$49,278	\$49,278
	Public Lands Highway	\$6,519	\$816	\$816	\$816	\$816	\$816	\$816					\$8,968	\$8,968
	Surface Transportation Program (Regional)	\$455,776	\$44,059	\$44,059	\$44,339	\$44,339	\$44,326	\$44,326	\$44,314	\$44,314	\$44,314	\$44,314	\$677,127	\$677,127
Other	\$169,741	\$2,030	\$2,030									\$171,770	\$171,770	
Federal Highway Total	\$1,424,790	\$116,841	\$116,841	\$80,684	\$80,684	\$86,151	\$86,151	\$84,409	\$83,943	\$78,217	\$78,217	\$1,871,091	\$1,870,625	
FRA	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$23,253											\$23,253	\$23,253
	Other													
Federal Railroad Administration Total	\$23,253												\$23,253	\$23,253
Federal Total	\$3,326,703	\$336,525	\$337,728	\$299,636	\$299,366	\$305,103	\$304,833	\$302,271	\$302,625	\$309,464	\$310,278	\$4,879,702	\$4,881,533	
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)		\$537,484	\$537,484									\$537,484	\$537,484
	Innovative Financing Total		\$537,484	\$537,484									\$537,484	\$537,484
REVENUES TOTAL	\$10,629,877	\$1,817,137	\$1,799,042	\$1,290,334	\$1,331,835	\$1,721,864	\$1,741,529	\$951,868	\$980,225	\$885,464	\$1,049,429	\$17,296,807	\$17,531,936	

¹ 2019/2019 Reflects repayment of Loaned CMAQ apportionment to OCTA of \$20,197 and Caltrans of \$18,590 and includes loans from other MPOs totalling \$12,697 and a \$1,000 deobligation

² 2019/2020 Reflects repayment of Loaned CMAQ apportionment to STANCOG of \$6,393 and MCAG of \$3,896

³ 2020/2021 Reflects repayment of Loaned CMAQ apportionment to Madera CTC of \$2,407

Table 3b: Program

San Diego Association of Governments (SANDAG)

2021 Regional Transportation Improvement Program (in \$000s) - Amendment No. 1


Legend
 Yellow Highlighting indicates a change from the prior amendment

	Funding Source	Prior Years	2020/2021		2021/2022		2022/2023		2023/2024		2024/2025		TOTAL		
			Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
LOCAL	Sales Tax	\$3,598,954	\$613,316	\$614,596	\$448,990	\$448,542	\$375,615	\$372,743	\$184,791	\$182,356	\$208,133	\$221,874	\$5,430,063	\$5,439,064	
	-- TransNet	\$3,598,954	\$613,316	\$614,596	\$448,990	\$448,542	\$375,615	\$372,743	\$184,791	\$182,356	\$208,133	\$221,874	\$5,430,063	\$5,439,064	
	Other Local Funds	\$505,491	\$226,047	\$230,615	\$158,766	\$182,667	\$423,630	\$437,375	\$245,755	\$246,997	\$119,422	\$128,564	\$1,679,111	\$1,731,710	
	-- City General Funds	\$479,832	\$213,145	\$217,713	\$152,249	\$176,150	\$182,744	\$196,489	\$126,506	\$127,748	\$99,484	\$108,626	\$1,253,960	\$1,306,559	
	-- Street Taxes and Developer Fees	\$25,659	\$12,902	\$12,902	\$6,517	\$6,517	\$240,886	\$240,886	\$119,249	\$119,249	\$19,938	\$19,938	\$425,151	\$425,151	
	Other	\$841,710	\$125,804	\$114,210	\$98,368	\$104,758	\$95,863	\$105,744	\$48,108	\$75,345	\$843	\$116,349	\$1,210,696	\$1,358,116	
Local Total	\$4,946,155	\$965,167	\$959,422	\$706,124	\$735,967	\$895,108	\$915,863	\$478,654	\$504,698	\$328,398	\$466,786	\$8,319,870	\$8,528,890		
STATE	State Highway Operations and Protection Program	\$124,955	\$303,908	\$303,908	\$140,888	\$140,888	\$302,531	\$302,531	\$81,710	\$81,710			\$953,992	\$953,992	
	SHOPP (Including Augmentation)	\$124,955	\$303,908	\$303,908	\$140,888	\$140,888	\$302,531	\$302,531	\$81,710	\$81,710			\$953,992	\$953,992	
	State Transportation Improvement Program	\$654,587	\$1,105	\$1,105	\$1,105	\$1,105	\$108,478	\$108,478	\$1,210	\$1,210	\$1,212	\$1,212	\$767,697	\$767,697	
	STIP (Including Augmentation)	\$612,830	\$1,105	\$1,105	\$1,105	\$1,105	\$108,478	\$108,478	\$1,210	\$1,210	\$1,212	\$1,212	\$725,940	\$725,940	
	STIP Prior	\$41,756											\$41,756	\$41,756	
	Proposition 1 A	\$41,843											\$41,843	\$41,843	
	Proposition 1 B	\$647,752									\$1,319	\$1,319	\$649,071	\$649,071	
	Active Transportation Program	\$32,073	\$30,804	\$30,804	\$20,050	\$20,050	\$5,967	\$5,967					\$88,894	\$88,894	
	Highway Maintenance (HM)														
	Highway Bridge Program (HBP)	\$83,366	\$13,677	\$13,677	\$41,886	\$41,886	\$40,502	\$40,502	\$20,000	\$20,000	\$207,501	\$207,501	\$406,933	\$406,933	
	Road Repair and Accountability Act of 2017 (SB1)	\$385,799	\$98,375	\$86,272	\$25,208	\$45,073	\$21,085	\$25,970	\$29,121	\$24,885	\$1,700	\$14,985	\$561,199	\$582,892	
	Traffic Congestion Relief Program (TCRP)	\$101,298											\$101,298	\$101,298	
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)	\$177,877	\$31,244	\$27,246	\$29,003	\$20,155	\$28,638	\$19,935	\$21,624	\$19,935		\$19,968	\$288,386	\$285,117	
	State Emergency Repair Program														
Other	\$107,560	\$20,649	\$20,649	\$10,900	\$11,826	\$10,900	\$13,997	\$4,700	\$13,100	\$4,700	\$13,100	\$159,408	\$180,231		
State Total	\$2,357,019	\$499,762	\$483,661	\$269,041	\$280,983	\$518,102	\$517,380	\$158,365	\$160,840	\$216,432	\$258,085	\$4,018,721	\$4,057,968		
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$780,382	\$71,309	\$70,949	\$71,306	\$70,906	\$71,306	\$70,906	\$16,409	\$70,906		\$70,906	\$1,010,712	\$1,134,956	
	5309a - Fixed Guideway Modernization	\$97,086											\$97,086	\$97,086	
	5309b - New and Small Starts (Capital Investment Grants)	\$552,996	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$113,380	\$113,380	\$1,066,376	\$1,066,376	
	5309c - Bus and Bus Related Grants	\$58,636											\$58,636	\$58,636	
	5310 - Elderly & Persons with Disabilities Formula Program	\$4,605											\$4,605	\$4,605	
	5311 - Nonurbanized Area Formula Program	\$10,667	\$1,090	\$1,120	\$1,090	\$1,108	\$1,090	\$1,108		\$1,108		\$1,108	\$13,937	\$16,218	
	5337 - State of Good Repair	\$296,028	\$39,787	\$41,853	\$39,787	\$40,459	\$39,787	\$40,459	\$11,936	\$40,459		\$40,459	\$427,326	\$499,716	
	5339 - Bus and Bus Facilities Program	\$37,298	\$7,483	\$6,900	\$6,751	\$6,168	\$6,751	\$6,168		\$6,168		\$6,168	\$58,283	\$68,871	
	Other	\$40,961											\$40,961	\$40,961	
	Federal Transit Total	\$1,878,660	\$219,669	\$220,823	\$218,935	\$218,641	\$218,934	\$218,641	\$128,345	\$218,641	\$113,380	\$232,021	\$2,777,922	\$2,987,426	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$386,940	\$29,503	\$29,503	\$23,520	\$23,520	\$26,285	\$26,285	\$28,494	\$28,494	\$25,056	\$25,056	\$519,798	\$519,798	
	Coordinated Border Infrastructure (SAFETEA-LU Sec. 1303)	\$239,884	\$24,601	\$24,601	\$3,544	\$3,544							\$268,029	\$268,029	
	GARVEE Bonds (Includes Debt Service Payments)														
	Highway Infrastructure Program (HIP)	\$22,940	\$13,076	\$13,076									\$36,016	\$36,016	
	High Priority Projects (HPP) and Demo	\$90,861	\$228	\$228	\$356	\$356			\$466				\$91,911	\$91,445	
	Highway Safety Improvement Program (HSIP)	\$2,851	\$2,146	\$2,146	\$6,505	\$6,505	\$7,095	\$7,095	\$5,726	\$5,726			\$24,324	\$24,324	
	Public Lands Highway	\$6,519	\$816	\$816	\$816	\$816	\$816	\$816					\$8,968	\$8,968	
	National Significant Freight & Highway Projects (FASTLANE/INFRA)	\$49,278											\$49,278	\$49,278	
	Surface Transportation Program (Regional)	\$455,776	\$42,796	\$42,796	\$35,695	\$35,695	\$43,767	\$43,767	\$44,150	\$44,150	\$79,972	\$79,972	\$702,156	\$702,156	
Other	\$169,741	\$2,030	\$2,030									\$171,770	\$171,770		
Federal Highway Total	\$1,474,068	\$115,197	\$115,197	\$70,436	\$70,436	\$77,963	\$77,963	\$78,836	\$78,370	\$105,028	\$105,028	\$1,872,250	\$1,921,062		
FRA	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)	\$23,253											\$23,253	\$23,253	
	Other														
Federal Railroad Administration Total	\$23,253												\$23,253	\$23,253	
Federal Total	\$3,375,981	\$334,865	\$336,019	\$289,371	\$289,077	\$296,897	\$296,604	\$207,181	\$297,011	\$218,408	\$337,049	\$4,673,426	\$4,931,742		
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)		\$537,484	\$537,484									\$537,484	\$537,484	
	Innovative Financing Total		\$537,484	\$537,484									\$537,484	\$537,484	
PROGRAM TOTAL		\$10,679,155	\$2,337,279	\$2,316,586	\$1,264,536	\$1,306,027	\$1,710,107	\$1,729,846	\$844,200	\$962,549	\$763,238	\$1,061,920	\$17,549,501	\$18,056,084	

* Negative programming amount is reflective of the need to show the TIFIA loan payback in the five-year RTIP. Payback will begin in future years. FY22/23 includes programming for future years and is included here for reference only

Table3c: Revenues versus Program

**San Diego Association of Governments (SANDAG)
2021 Regional Transportation Improvement Program (in \$000s) - Amendment No. 1**

Legend
 Yellow Highlighting indicates a change from the prior amendment

Funding Source		2020/2021		2021/2022		2022/2023		2023/2024		2024/2025		TOTAL	
		Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current	Prior	Current
LOCAL	Local Total	\$15,683	\$18,231	\$15,533	\$15,519	\$3,550	\$3,454	\$12,578	\$12,062	\$31,170	\$14,279	\$78,514	\$63,545
	State Highway Operations and Protection Program												
STATE	SHOPP (Including Augmentation)												
	SHOPP Prior												
	State Transportation Improvement Program												
	STIP (Including Augmentation)												
	STIP Prior												
	Proposition 1 A												
	Proposition 1 B												
	Active Transportation Program												
	Highway Maintenance (HM)												
	Highway Bridge Program (HBP)												
	Road Repair and Accountability Act of 2017 (SB1)												
	Traffic Congestion Relief Program (TCRP)												
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)												
Other													
State Total													
FEDERAL TRANSIT	5307 - Urbanized Area Formula Program	\$15		\$17	\$41	\$18	\$41	\$54,915	\$41	\$71,324	\$41	\$126,290	\$164
	5309a - Fixed Guideway Modernization												
	5309b - New and Small Starts (Capital Investment Grants)												
	5309c - Bus and Bus Related Grants												
	5310 - Elderly & Persons with Disabilities Formula Program												
	5311 - Nonurbanized Area Formula Program												
	5337 - State of Good Repair							\$27,851		\$39,793		\$67,644	
	5339 - Bus and Bus Facilities Program		\$65					\$6,751		\$6,751		\$13,502	\$65
	Other												
Federal Transit Total		\$15	\$65	\$17	\$41	\$18	\$41	\$89,517	\$41	\$117,867	\$41	\$207,435	\$229
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ)	\$381	\$381	\$1,605	\$1,605	\$7,629	\$7,629	\$5,409	\$5,409	\$8,847	\$8,847	\$23,870	\$23,870
	Coordinated Border Infrastructure (SAFETEA-LU Sec.1303)												
	GARVEE Bonds (Includes Debt Service Payments)												
	Highway Infrastructure Program (HIP)												
	High Priority Projects (HPP) and Demo												
	Highway Safety Improvement Program (HSIP)												
	National Significant Freight & Highway Projects (FASTLANE/INFRA)												
	Surface Transportation Program (Regional)	\$1,263	\$1,263	\$8,643	\$8,643	\$560	\$560	\$164	\$164	-\$35,658	-\$35,658	-\$25,029	-\$25,029
Other													
Federal Highway Total		\$1,644	\$1,644	\$10,248	\$10,248	\$8,189	\$8,189	\$5,572	\$5,572	\$26,812	\$26,812	\$1,159	\$1,159
FRA	Passenger Rail Investment and Improvement Act of 2008 (PRIIA)												
	Other												
Federal Railroad Administration Total													
Federal Total		\$1,659	\$1,709	\$10,265	\$10,289	\$8,207	\$8,230	\$95,090	\$5,613	\$91,056	\$26,771	\$206,276	\$339
TINNOVA FINA	TIFIA (Transportation Infrastructure Finance and Innovation Act)												
	Innovative Financing Total												
REVENUES - PROGRAM TOTAL		\$17,343	\$19,940	\$25,798	\$25,807	\$11,757	\$11,683	\$107,668	\$17,675	\$122,226	\$12,492	\$284,791	\$62,615

FY22/23 includes programming for future years and is included here for reference only

2021 RTIP - Amendment No. 1
Changes During Public Comment Period

Agency	Project ID	Project Title	INC/(DEC) (\$000)	Change Description
Metropolitan Transit System	MTS23A	Transit Service Operations	\$13	Increased FTA 5311
North County Transit District	NCTD34	Transit Service Operating Support	\$932	Increased FTA 5311

**The State released FTA 5311 apportionments and transit agencies updated their programming accordingly.*

Federal Requirements Analysis for 2021 RTIP Amendment No. 1

Metropolitan Planning and Transportation Conformity

The U.S. Department of Transportation (U.S. DOT) Metropolitan Planning Regulations¹ and U.S. Environmental Protection Agency (U.S. EPA) Transportation Conformity Regulations² establish six criteria requirements which the Regional Transportation Improvement Program (RTIP) must satisfy. The metropolitan planning regulations require that: (1) the RTIP be financially constrained and (2) make progress toward achieving federal performance targets. The transportation conformity regulations state that the RTIP must: (3) be consistent with San Diego Forward: The 2019 Federal Regional Transportation Plan (2019 Federal RTP); (4) meet regional emissions tests; (5) include timely implementation of transportation control measures (TCMs); and 6) include inter-agency consultation and public involvement.

The 2021 RTIP with Amendment No. 1 meets all six tests required under federal metropolitan planning and transportation conformity regulations. SANDAG made these findings for the 2021 RTIP under the required federal tests on February 26, 2021. On April 16, 2021, Federal Highways and the Federal Transit Administration are expected to find that the 2021 RTIP conforms with the provisions of 40 CFR Parts 51 and 93. Amendment No. 1 continues to meet all federal requirements.

Financial Constraint Test

Federal regulations 23 CFR Section 450.326(j) require the 2021 RTIP to be a revenue-constrained document with programmed projects based upon available or committed funding and/or reasonable estimates of future funding. Chapter 4 of the 2021 RTIP discusses in detail the financial capacity analysis of major program areas, including a discussion of available revenues.

Finding: The projects contained within the 2021 RTIP, including Amendment No. 1, are reasonable when considering available funding sources as demonstrated in Tables 3a through 3c, including a comparison from the prior approved version (changes are highlighted in yellow.)

Performance Management Test

Federal regulations 23 CFR Section 450.326(c) require the 2021 RTIP to be designed such that once implemented, it makes progress toward achieving the performance targets established under 450.306(d) and shall include, to the maximum extent practicable, a description of the anticipated effect of the RTIP toward achieving the performance targets identified in the transportation plan, linking investment priorities to those performance targets. Appendix H of the 2021 RTIP provides information on the projects which support safety, infrastructure conditions, system performance, freight, Congestion Mitigation and Air Quality (CMAQ), transit asset management and transit safety performance management requirements.

Finding: The projects contained within the 2021 RTIP, including Amendment No. 1, make progress toward achieving the established performance targets for safety established by the Board of Directors through investment in projects with the primary purpose of improving safety, active transportation projects, and safety features provided as part of a larger transportation project.

Finding: The projects contained within the 2021 RTIP, including Amendment No. 1, make progress toward achieving the 2020 regional performance targets for transit asset management approved by the Board on February 28, 2020. The program includes investments in the four key categories for transit asset management: equipment, facilities, infrastructure, and rolling stock.

Consistency with San Diego Forward: The Regional Plan Test

Finding: The 2021 RTIP, through Amendment No. 1, is consistent with San Diego Forward: The 2019 Federal Regional Transportation Plan (2019 Federal RTP) adopted on October 25, 2019 (policies, programs, and projects). All projects conform to the scope, cost, and schedule included in the 2019 Federal RTP.

Regional Emissions Tests

These findings are based on the regional emissions analyses tests shown in Table 5-2 in Chapter 5 of the 2021 RTIP.

Finding: The regional emissions analyses for the 2021 RTIP through Amendment No. 1 are consistent with the emissions analyses for the 2019 Federal RTP.

Finding: The proposed Amendment No. 1 does not reflect a change in the design, concept, or scope of the projects or the conformity analysis years as modeled for the regional emissions analysis of the 2019 Federal RTP and the 2021 RTIP, as amended.

Finding: The 2021 RTIP, including Amendment No. 1, remains in conformance with the applicable State Implementation Plan³ (SIP).

Timely Implementation of TCM Test

Finding: The TCMs, established as Transportation Tactics in the 1982 SIP, have been fully implemented and Amendment No. 1 continues to fund the four TCMs, which include: (1) ridesharing; (2) transit improvements; (3) traffic flow improvements; and (4) bicycle facilities and programs.

Inter-Agency Consultation and Public Involvement Test

Finding: The 2021 RTIP complies with all federal and state requirements for public involvement by following the strategies described in Board Policy No. 025: Public Participation Plan Policy. Amendment No. 1 was posted for a 15-day public comment period from March 23, 2021, through April 13, 2021.

Finding: The SANDAG Conformity Working Group (CWG), including members from the San Diego County Air Pollution Control District, Caltrans, California Air Resources Board, SANDAG, U.S. DOT, and U.S. EPA, serve as a forum to meet the federal and state requirements for interagency consultation for the 2021 RTIP. All exempt projects in Amendment No. 1 were submitted to the CWG on March 30, 2021, for its review and members concurred with the exempt categorization.

¹ 23 Code of Federal Regulation (CFR) Part 450, subpart C

² 40 CFR part 93, subpart A

³ 2008 Eight-Hour Ozone Attainment Plan for San Diego County (December 2016)

SANDAG 2021 RTIP Amendment No. 1

Summary of Changes

April 26, 2021

**Table 1 - Summary of Changes Report (\$000)
2021 RTIP Amendment No. 1**

LEGEND:
↑ Increase
↓ Reduce
↔ Revise

Project ID	Lead Agency	Project Title	Total Programmed Before	Total Programmed Revised	Cost Difference	Percent Change	Change Description
NCTD02	North County Transit District	Preventive Maintenance	\$119,883	\$139,132	\$19,249	16%	↑ FTA 5307, ↓ FTA5311, + SB1-SGR, ↓ TDA
NCTD03	North County Transit District	ADA Paratransit Services	\$55,807	\$64,306	\$8,499	15%	↑ <i>TransNet</i> -ADA, ↓ TDA
NCTD05	North County Transit District	Bus Revenue Vehicle Purchases & Related Equipment	\$134,350	\$130,707	-\$3,643	-3%	↓ FTA 5307, ↓ FTA 5339, ↑ LCTOP, ↑ Local Funds, ↓ STA, ↓ SB1-SGR
NCTD06	North County Transit District	Bus/Rail Support Equipment & Facilities	\$50,784	\$78,609	\$27,825	55%	↑ FTA 5307, ↑ FTA 5337, ↑ FTA 5339, + SB1-TIRCP, ↑ STA, ↑ Local Funds
NCTD16B	North County Transit District	Oceanside to Escondido Rail-SPRINTER Debt Service	\$6,800	\$9,300	\$2,500	37%	↑ <i>TransNet</i> -TSI
NCTD18	North County Transit District	Rail-Right-of-Way State of Good Repair & Improvements	\$16,429	\$46,485	\$30,056	183%	↑ FTA 5307, ↑ FTA 5337, ↓ SB1-TIRCP, ↑ STA
NCTD20	North County Transit District	Rail Vehicles & Related Equipment	\$25,209	\$26,758	\$1,549	6%	↑ SB1-SRA Commuter, ↑ STA, ↓ FTA 5307, ↓ FTA 5337
NCTD34	North County Transit District	Transit Service Operating Support	\$215,532	\$268,375	\$52,843	25%	↑ <i>TransNet</i> -TSI, ↑ FTA 5311, ↓ STA, ↑ TDA
SAN36	San Diego Association of Governments	Bus/Rail Signal & Communications Equipment	\$20,858	\$22,643	\$1,785	9%	↑ FTA 5307, ↑ TDA
SAN40	San Diego Association of Governments	Metropolitan Planning	\$66,022	\$78,354	\$12,332	19%	↑ <i>TransNet</i> -BPNS, ↑ <i>TransNet</i> -SGIP, ↓ <i>TransNet</i> -SS, ↑ FTA 5307, ↑ Local Funds
MTS23A	San Diego Metropolitan Transit System	Transit Service Operations	\$19,965	\$48,991	\$29,025	145%	↑ FTA 5307, ↑ FTA5311, + Local Funds, ↑ TDA
MTS28	San Diego Metropolitan Transit System	Bus & Rail Rolling Stock purchases and Rehabilitations	\$123,765	\$267,225	\$143,458	116%	+ <i>TransNet</i> -TSI, ↑ FTA 5307, ↑ FTA 5339, ↑ STA, ↑ LCTOP, ↑ SB1-SGR, + SB1-TIRCP, + Local Funds, ↑ TDA; increase in funding will be used to procure and replace buses, and will go towards replacing LRV fleet
MTS29	San Diego Metropolitan Transit System	Bus and Fixed Guideways Station Stops and Terminals	\$120,535	\$100,523	-\$20,012	-17%	↓ STA, ↑ Local Funds, ↓ TDA
MTS30	San Diego Metropolitan Transit System	Bus/Rail Support Facilities and Equipment	\$51,750	\$108,949	\$57,199	111%	↓ LCTOP, ↑ STA, ↑ TDA, ↑ Local Funds

**Table 1 - Summary of Changes Report (\$000)
2021 RTIP Amendment No. 1**

LEGEND:
 ↑ Increase
 ↓ Reduce
 ↔ Revise

Project ID	Lead Agency	Project Title	Total Programmed Before	Total Programmed Revised	Cost Difference	Percent Change	Change Description
MTS31	San Diego Metropolitan Transit System	Rail Electrification and Power	\$13,163	\$9,163	-\$4,000	-30%	↓ TDA
MTS32A	San Diego Metropolitan Transit System	Preventive Maintenance	\$403,078	\$523,614	\$120,536	30%	↓ <i>TransNet</i> -TSI, ↑ FTA 5307, ↑ FTA 5337; increase in funding will be used for preventive maintenance of equipment, rolling stock, and bus and rail system facilities
MTS33A	San Diego Metropolitan Transit System	Senior Disabled Program	\$12,556	\$12,384	-\$172	-1%	↓ <i>TransNet</i> -ADA
MTS34	San Diego Metropolitan Transit System	Bus Signal and Communications Equipment	\$58,246	\$57,626	-\$620	-1%	↑ STA, ↓ TDA
MTS35	San Diego Metropolitan Transit System	Fixed Guideway Transitways/Lines	\$69,113	\$70,572	\$1,459	2%	↑ STA

Abbreviation	Fund Type
FTA 5307	Federal Transit Administration Urbanized Area Formula Program
FTA 5337	Federal Transit Administration State of Good Repair Grant Program
FTA 5339	Federal Transit Administration Bus and Bus Facilities Grant Program
LCTOP	State Low Carbon Transit Operations Program
Local Funds	Funds available from other sources such as developer fees, fare revenue or general fund
SB1 - SRA	Senate Bill 1 - State Rail Assistance Commuter Rail
SB1 - SGR	Senate Bill 1 - State Transit Assistance State of Good Repair
SB1 - TIRCP	Senate Bill 1 - Transit and Intercity Rail Capital Program
STA	State Transit Assistance
TDA	Transportation Development Act
<i>TransNet</i> - ADA	Prop A Extension - Americans with Disabilities Act
<i>TransNet</i> - BPNS	Prop A Extension - Bicycle, Pedestrian and Neighborhood Safety Program
<i>TransNet</i> - SGIP	Prop A Extension - Smart Growth Incentive Program
<i>TransNet</i> - SS	Prop A Extension - Senior Services
<i>TransNet</i> - TSI	Prop A Extension - Transit System Improvements