

Measure D: 5-Year Program of Projects (FY23/24-27/28)
Active Transportation/MBSST-Coastal Rail Trail (17% of Measure D Revenues)

Approved 11/2/23

Previously updated 6/6/19, 12/5/19, 5/7/20, 6/29/20, 9/3/20, 5/6/21, 6/3/21, 8/5/21, 10/7/21, 5/5/22, 11/3/22, 1/12/23, 2/2/23, 3/3/22, 5/4/23.

						Planned ¹					Total Measure D through FY27/28	Future	Approved Fall 2023
	Rail Trail Project/Program	Description	Schedule	Prior Years Spent*	FY22/23 - est. actual*	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28			
1	North Coast Segment 5	Trail development and construction, including EIR & design consultants, legal, Environmental Health Services & ROW; RTC project mgmt, oversight, outreach and technical assistance; \$125k for Davenport Crosswalk and \$1.4 million for Yellowbank Crossing	Pending FLAP timing, ready to start construction FY23/24	\$2,888,194	\$312,162	\$4,375,786	\$130,000	\$731,000	\$40,000	\$40,000	\$8,517,142	\$0	Funds shifted between years based on latest schedule and FY22/23 actuals.No change to total.
2	North Coast Segment 5: trail maintenance and operations	Ongoing maintenance of sections of trail once constructed. Includes restriping, sweeping, vegetation management, mitigations, and periodic repaving.	Start after trail open in FY24/25.	\$0	\$0	\$0	<u>\$0</u>	\$148,354	\$224,294	<u>\$232,144</u>	\$604,792	est \$270k/yr+ escalation	Add funds in FY27/28 and reduce funds in FY24/25 and FY25/26 based on updated schedule and RTC-County of Santa Cruz Segment 5 maintenance agreement. Previously \$755k thru FY26/27.
3	Segment 7: Natural Bridges to Bay/California (Phase 1), Bay/California to Wharf (Ph2), City of Santa Cruz (SC) lead	Allocation to City of Santa Cruz for Segment 7 rail trail	Phase I: 2020; Phase II: 2022-2024	\$1,100,000	\$0	\$2,150,000	\$0	\$0	\$0	\$0	\$3,250,000	\$0	Funds shifted from FY22/23 to FY23/24 for Phase 2. No change to total.
4	Seg 8: San Lorenzo River trestle widening, City of Santa Cruz	Allocation to City of SC for widening of existing walkway on the existing railroad bridge over San Lorenzo River near Boardwalk	Completed June 2019	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	No change
5	Seg 8/9: SC Wharf to 17th Ave., City of SC lead (partnership with County)	Allocation to City of SC: \$2M set aside to serve as match for construction grants; \$370k for additional analysis of interim trail. Joint project with County.	Est. 2025 start construction	\$0	\$0	\$370,000	\$2,000,000	<u>\$0</u>	\$0	\$0	\$2,370,000	\$0	Shift funds from FY22/23 to FY23/24.
6	RTC Oversight and technical assistance: Segments 7-9	RTC project management, oversight, outreach and technical assistance (consultants, legal, Environmental Health Services & ROW)	Through project completion	\$356,958	\$86,199	\$158,065	\$40,000	\$0	\$0	\$0	\$641,221	\$0	Reduced \$43k based on FY22/23 and ongoing estimated actuals. Combines estimated oversight and technical assistance for Segments 7-9.
7	Trail maintenance and operations in Santa Cruz	Ongoing maintenance. Includes restriping, sweeping, vegetation management, mitigations, and periodic repaving.	ongoing	\$20,000	\$5,268	\$48,732	\$35,000	\$49,000	\$51,000	<u>\$53,000</u>	\$262,000	TBD	Add \$53,000 in FY27/28
9	Segment 10-11: Segment 10 (17th-47th/Jade St. park), Seg 11 (Monterey to St. Park Dr)	Allocation to County DPW for planning, environmental review, design, and right of way and construction. County led project.	PA/ED started 2020	\$1,362,378	\$1,104,190	<u>\$2,076,208</u>	\$470,000	\$2,229,000	\$10,137,908	\$0	\$17,379,684	\$0	Add \$305,870 for additional technical analysis.Carryover funds not yet invoiced in FY22/23 to FY23/24.
10	Segment 10-11 Oversight and technical assistance	RTC project mgmt, oversight, outreach and technical assistance (consultants, legal, Environmental Health Services & ROW)	Duration of project delivery	\$92,592	\$58,650	\$342,716	\$71,773	\$40,000	\$40,000	\$0	\$645,732	\$0	Carryover funds not spent in FY22/23 to FY23/24. Reduce \$48.6k based on updated estimates.
11	Capitola Trestle Railroad Bridge Interim Trail analysis	Analysis of feasibility for building a trail on the bridge through Capitola Village and over Soquel Creek.	FY21/22	\$29,256	\$0						\$29,256	\$0	No change
12	Capitola Trail: City Hall to Monterey Ave	RTC project management, oversight, outreach and technical assistance (consultants, legal, Environmental Health Services & ROW)	Construction timing TBD	\$2,237	\$168	\$1,319	\$1,000	\$0	\$0	\$0	\$4,724	\$0	Reduce FY22/23 to reflect estimated actual. Previously \$5556

	Rail Trail Project/Program	Description	Schedule	Prior Years Spent*	FY22/23 - est. actual*	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	Total Measure D through FY27/28	Future	Approved Fall 2023
13	Segment 12: State Park Drive to Rio Del Mar Boulevard	Design, right-of-way, and matching funds for construction grants. Assumes work associated with bridges over Highway 1 to be implemented with the Hwy 1 Freedom-State Park project and paid out of Measure D-Highway.	Start construction FY24/25; dependent on grant funding	\$0	\$1,199,732	\$2,275,308	\$581,760	\$5,327,433	\$1,466,000	\$1,466,000	\$12,316,233	\$472,167	Carryover funds not spent in FY22/23 and add \$216k for additional project management and support costs.
14	Segment 18: Lee Road to Walker (Ohlone to slough trail-Phase I), City of Watsonville lead	Allocation to City of Watsonville for trail construction.	Ph. 1 completed 2021; Phase 2 postponed	\$150,000	\$0	\$0	\$0	\$0	\$2,800,000	\$0	\$2,950,000	\$0	No change.
15	Watsonville Trail segments oversight and technical assistance	RTC project management, oversight, outreach and technical assistance (consultants, legal, Environmental Health Services & ROW)	Duration of project delivery	\$109,686	\$3,020	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$147,205	TBD	Add funds in FY27/28. Reduce FY22/23 based on estimated actual. Overall reduced \$77.5k -some analysis and development being done as part of the Zero Emission Rail Transit and Trail project.
16	Trail maintenance and operations in Watsonville	Ongoing maintenance. Includes restriping, sweeping, vegetation management, mitigations, and periodic repaving.	ongoing	\$0	\$0	\$14,550	\$3,500	\$3,600	\$3,700	\$3,800	\$29,150	TBD	Add funds in FY27/28. Previously programmed funds not yet invoiced for FY20/21-FY22/23 carried over to FY23/24.
17	Zero Emission Rail Transit & Trail	Project concept report, preliminary engineering and environmental analysis of remaining sections of trail as part of the Electric Rail & Trail project. Includes consultant services, project management and public outreach; match for grants.	Concept report starting FY23/24	\$0	\$0	\$175,000	\$175,000	\$0	\$0	\$0	\$350,000	TBD	Shift funds from FY22/23 to FY23/24. No change to total
18	Santa Cruz County Regional Conservation Investment Strategy - Grant match	Match to Wildlife Conservation Board grant for early mitigation planning for transportation projects.	2019-2022	\$14,775	\$2,565	\$0	\$0	\$0	\$0	\$0	\$17,340	\$0	No change. Study completed.
19	Ongoing oversight, coordination, and assistance, including on development of future trail sections	RTC staff and consultants work related to overall trail planning, soil investigations, Environmental Health (EHS), legal, stakeholder coordination, response to public comments, and development of future projects and grant applications.	ongoing	\$1,069,606	\$172,160	\$203,860	\$209,806	\$219,297	\$230,262	\$241,775	\$2,346,765	Varies	Add funds in FY27/28 and update other years based on updated estimates. Previously \$2.07M through FY26/27.
20	Corridor encroachments & maintenance	Ongoing corridor maintenance, including vegetation, tree work, trash, graffiti, drainage, encroachments, boundary surveys, storm damage repairs outside of what is required for railroad operations. Includes RTC staff time and contracts.	ongoing	\$2,270,374	\$890,996	\$1,732,016	\$1,521,166	\$1,621,636	\$1,258,306	\$1,297,710	\$10,592,204	Estimated \$1.3M/yr + escalation	Add FY27/28 and update FY23/24-26/27 estimated costs. Previously \$8.97 million
Estimated 5-Year Measure D Expenditures				\$9,966,057	\$3,835,109	\$13,930,459	\$5,245,906	\$10,376,221	\$16,258,369	\$3,341,329	\$62,953,449		
5-Year Balance - Financing Needed (e.g. loans/bonds)													(\$14,197,111)

1- Programmed funds may be shifted between years based on actual expenditures/use rates when sufficient cash capacity exists.

*FY22/23 and future amounts will be adjusted based on audited financials

Measure D: 5-Year Program of Projects (FY23/24-FY27/28)

Highway Corridors (25% of Measure D Revenues)

Approved 11/2/23

Previously updated 6/6/19, 6/27/19, 2/6/20, 3/5/20, 5/7/20, 9/3/20, 11/5/20, 12/3/20, 3/4/21, 10/7/21, 5/5/22, 9/1/22, 11/3/22, 5/4/23.

	Project	Description	Schedule	Prior Years Spent	FY22/23 Est. Actuals*	Planned ¹					Total through FY27/28 Measure D	Future Years	Total (including Future capital)	Proposed Updates
						FY23/24	FY24/25	FY25/26	FY26/27	FY27/28				
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	Freeway operational improvement, bus on shoulder improvements, rehab roadway and drainage, improve bicycle/pedestrian access over freeway.	Construction started e. 2023.	\$1,242,132	\$468,125	\$2,311,643	\$781,100	\$125,000	\$50,000	\$25,000	\$5,003,000	\$25,000	\$5,028,000	No change to total. Some funds moved between years.
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	Freeway operational improvement, bus on shoulder improvements, soundwalls and retaining walls, reconstruct Capitola Ave. overcrossing with sidewalks and bike lanes, new Bike/ped bridge	Start construction Fall 2023. Estimated 2.5 years of construction	\$5,117,294	\$633,979	\$7,386,728	\$6,620,000	\$2,550,000	\$175,000	\$25,000	\$22,508,001	\$50,000	\$22,558,001	No change to total. Some funds moved between years.
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park and Segment 12 Coastal Rail Trail	Freeway operational improvement, bus on shoulder, soundwalls and retaining walls, bridges over Hwy 1 and widen bridge over Aptos Creek/Spreckles Drive, portion of Segment 12 of the Coastal Rail Trail -including 2 new bicycle/pedestrian overcrossings over Highway 1	Start construction 2025, pending fund availability	\$1,901,894	\$4,098,245	\$6,924,831	\$3,169,000	\$23,605,974	\$32,390,667	\$32,390,667	\$104,481,277	\$19,508,722	\$123,990,000	Increase \$540k for anticipated additional project management and support.
4	Santa Cruz County Regional Conservation Investment Strategy - Grant match	Match to Wildlife Conservation Board grant for early mitigation planning for transportation projects.	Complete FY22/23	\$23,079	\$ 2,421						\$25,500	\$0	\$25,500	No change
5	Cruz 511-Traveler Information and Commute Manager	Ongoing system & demand management (TDM), includes Cruz511.org traveler information, GoSantaCruzCounty.org, carpool and other TDM programs	Ongoing	\$445,784	\$200,000	\$210,000	\$220,500	\$231,000	\$243,000	\$255,150	\$1,805,434	Ongoing	\$1,805,434	Add \$255k in FY27/28
6	Safe on 17	Ongoing system management program, involves increased CHP enforcement on Highway 17	Ongoing	\$109,347	\$42,746	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$402,093	Ongoing	\$402,093	Add \$50k in FY27/28
7	Freeway Service Patrol	Ongoing system management and congestion reducing program. Roving tow trucks removing incidents and obstructions during peak travel periods on Hwy 1 and Hwy 17	Ongoing	\$523,212	\$169,532	\$190,000	\$200,000	\$210,000	\$220,000	\$231,000	\$1,743,744	Ongoing	\$1,743,744	Add \$231k in FY27/28 and update FY22/23 actuals.
	Completed Projects	Unified Corridor Investment Study-Analysis of Highway 1 corridor projects	Completed Jan 2019	\$199,808	\$0	\$0	\$0	\$0	\$0		\$199,808		\$199,808	No change
Estimated Annual Measure D Highway Corridors Expenditures				\$9,562,549	\$5,615,048	\$17,073,203	\$11,040,600	\$26,771,974	\$33,128,667	\$32,976,817	\$136,168,856	\$19,583,722	\$155,752,578	
8	Interprogram Loan for Hwy 17 Wildlife Crossing	Interprogram loan to allow Hwy 17 Wildlife Crossing project to proceed without bonding and loan repayments	Interprogram Loan FY22/23	\$0	\$1,525,724	\$1,308,864	-\$166,667	-\$166,667	-\$166,667	-\$166,667	\$2,167,922	-\$166k/year	Est. \$957k interest	Interprogram loan and repayment pushed out based on Highway 17 Wildlife Crossing project expenditure timing.
Total Expenditures (with loans & repayments)				\$9,562,549	\$7,140,772	\$18,382,067	\$10,873,933	\$26,605,307	\$32,962,000	\$32,810,150	\$138,336,779			

Notes:

1- Funds may be shifted between years based on actual expenditures/use rates when sufficient cash capacity exists.

*FY22/23 reflects preliminary estimates to be adjusted based on audited financials.

Measure D: 5-Year Program of Projects (FY23/24-FY27/28)

Rail Corridor (8% of Measure D Revenues)

Approved 11/2/23

Previously updated 6/6/19, 6/27/19, 10/3/19, 5/7/20, 9/3/20 and 6/6/21, 10/7/21, 6/16/22, 11/3/22, 12/1/22, 8/3/23.

	Project	Description	Est. Schedule	Prior Years	FY22/23 Est. Actuals*	Planned ¹					Total Measure D	Proposed Updates
						FY23/24	FY24/25	FY25/26	FY26/27	FY27/28		
1	Rail Infrastructure Preservation	Railroad bridge inspections and analysis, railroad bridge rehabilitation (including Pajaro River Bridge grant match), and ongoing maintenance and repair of railroad track infrastructure and signage.	Ongoing	\$3,696,277	\$1,745,811	\$1,002,501	\$1,310,000	\$920,000	\$1,800,000	<u>\$1,710,000</u>	\$12,184,590	Add funds in FY27/28. Increase and update FY21/22 and FY22/23 based on actuals; update FY23/24-FY26/27 based on updated estimates. Previously \$9.88M.
2	Rail Transit -Preliminary Engineering and Environmental Analysis (Zero Emission Rail Transit & Trail Project)	Preparation of operating concept, preliminary engineering, and environmental document for electric rail transit and trail project on the branch line	Concept Report - 2023-2025	\$0	\$106,389	\$830,000	\$700,000	\$2,894,000	\$900,000	\$0	\$5,430,389	No change to total. Some funds shifted to later years based on updated schedule.
3	Santa Cruz County Regional Conservation Investment Strategy	Match to Wildlife Conservation Board grant for early mitigation planning for transportation projects.	FY19/20-Fall 2022	\$7,344	\$816						\$8,160	No change
Completed Projects												
4	Completed: Unified Corridor Investment Study (UCS), past lawsuits, and Transit Corridor Alternatives Analysis (TCAA)	Completed UCS, TCAA and lawsuit	2018-2019	\$1,888,225							\$1,888,225	Previously \$1,906,983. Reduced based on FY21/22 audited actuals.
5	2017 Storm Damage Repair & Cleanup	Repair and cleanup of damage resulting from the 2017 winter storms including one washout, minor slides and various downed or compromised trees. Portion of costs anticipated to be reimbursed by FEMA	Spring 2020-2022	\$1,678,868							\$1,678,868	The portion of costs initially paid for by Measure D, but anticipated to be reimbursed by FEMA; additional \$4.7M Measure D may be needed if not reimbursed. Based on final reconciliation, some costs may be billed to Measure D-Trail. Prior years updated to reflect expenditures previously shown as Rail Preservation (line 1) that were later billed to FEMA for 2017 storms.
5a	FEMA reimbursement for storm damage repairs	This is an estimate. Final reconciliation of storm damage costs paid by Measure D and FEMA reimbursements still pending.		(\$493,278)	\$0	(\$1,185,590)					-\$1,678,868	Note- this is an estimate. Additional \$4.7M has been requested (to repay Measure D and RSTPX short-term loan). Funds shown in FY23/24 have not yet been received.
Total Measure D Expenditures				\$6,777,436	\$1,853,016	\$646,912	\$2,010,000	\$3,814,000	\$2,700,000	\$1,710,000	\$19,511,364	

1- Funds may be shifted between years based on actual expenditures/use rates when sufficient cash capacity exists.

2- Actuals and carryover to be adjusted based on audited actuals. Shown here are preliminary estimates.

Measure D: 5-Year Program of Projects (FY23/24-FY27/28)
Highway 17 Wildlife Corridor (\$5 million over 30 years)

Approved 11/2/23

Previously updated 6/6/19, 9/3/20, 10/7/21, 11/3/22.

						Planned							
	Project	Description	Schedule	Prior Years	FY22/23*	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	Future Debt Service**	Total Measure D	Proposed Updates
1	Highway 17 Wildlife Crossing near Laurel Curve: Construction**	Construct wildlife undercrossing to connect habitat on either side of the highway. Creates a wildlife corridor enabling animals to safely cross the highway.	2021-2023	\$0	<u>\$2,580,469</u>	<u>\$1,470,531</u>						\$4,051,000	Shift funds not spent FY22/23 to FY23/24. Project expected to be closed out by end of 2023. No change to total.
2	Highway 17 Wildlife Crossing near Laurel Curve: Construction Financing	Financing/debt service on loans or bonds needed advance implementation, since Measure D revenues are allocated over 30 years. RTC anticipates using interprogram loans from other Measure D Regional programs.	NA	\$0	\$0	\$0	Debt Service payments \$166,667/year					<u>\$957,078</u>	Update based on timing of expenditures.
3	Highway 17 Wildlife Crossing near Laurel Curve: Oversight and public outreach	RTC costs associated with oversight, agreements, financing, coordination, and public engagement.	FY19/20-FY23/24	\$5,121	<u>\$3,869</u>	<u>\$5,000</u>						<u>\$13,990</u>	Shift some unspent funds from FY22/23 to FY23/24 and reduce total. Previously \$15k
Estimated Annual Measure D Expenditures				\$5,121	\$2,584,338	\$1,475,531	\$166,667	\$166,667	\$166,667	\$166,667	\$3,125,000	\$5,022,067	Includes est. \$22k interest
Interprogram loan from Measure D - Highway Corridors				\$0	\$1,525,724	\$1,308,864						\$2,834,589	Reduce based on expenditure timing. Previously \$3.02M
Wildlife Crossing Revenues (net interprogram loan)				\$5,121	\$1,058,613	\$166,667	\$166,667	\$166,667	\$166,667	\$166,667	\$3,125,000	\$5,022,067	

*Estimated expenditures; to be updated based on audited actuals.

**Since the full \$5M committed in the Measure D Expenditure Plan for this project will not be available until end of the 30 year measure, consistent with the Measure D Strategic Implementation Plan, the RTC authorized loans from the Highway Corridors investment category. Land Trust committed \$3M for construction costs.

***Pre-construction and support costs funded through Caltrans SHOPP. Actual cost and financing will depend on final construction costs and timing.

Measure D: 5-Year Program of Projects (FY23/24-FY27/28)

Neighborhood Projects: San Lorenzo Valley (SLV)/Highway 9 Corridor (\$333,333/year; \$10 million over 30 years)

Approved 11/2/23

Previously updated 6/6/19, 11/7/19, 9/3/20, 10/7/21, 3/17/22, 11/3/22

	Name/Road/Limits	Description	Schedule	FY22/23 Estimated Actuals	Prior Years	Planned ¹					Total Measure D	Proposed Updates
						FY23/24	FY24/25	FY25/26	FY26/27	FY27/28		
1	San Lorenzo Valley (SLV) Safe Routes to Schools -Preconstruction & grant match	\$99k for SLV Schools Complex Circulation and Access Study and funding designated for potential match of future grant opportunities.	Schools Access Study 2021-2023.	\$15,897	\$98,990	\$0	\$0	\$0	\$901,010	\$0	\$1,000,000	No change to total. Prior updated to reflect estimated FY22/23 and audited FY21/22 actuals. Shift \$901k to FY26/27 to align with construction year of Caltrans SHOPP project.
2	Preliminary scope and engineering documents for near term projects	Develop engineers estimates, prelim. designs, initial screening and implementation documents needed to secure funds for priority projects; may include engineering needed to integrate complete streets components into SHOPP and local projects. Includes \$180k to Caltrans for complete streets Project Initiation Document (PID) for the corridor.	Ongoing. Complete Streets PID complete 2022.	\$0	\$180,000	\$60,000	\$0	\$0	\$0	\$0	\$240,000	No change to total. Funds not spent in FY22/23 shifted to FY23/24.
3	SLV/SR9 Corridor technical assistance, oversight, and community outreach	Includes legal, engineering review, grant preparation, funding agreements, RTC staff coordination with Caltrans, County, schools, and other stakeholders, public outreach, other planning activities.	Ongoing	\$46,505	\$80,689	\$39,311	\$0	\$0	\$0	\$0	\$120,000	No change to total. Prior updated to reflect estimated FY22/23 and FY21/22 audited actuals. Funds not spent shifted to FY23/24.
4	Boulder Creek Complete Streets	Grant match for complete streets improvements in Boulder Creek, including sidewalks, enhanced crosswalks with curb extensions, pedestrian refuge islands, and other safety and traffic calming features.	Begin pre-construction Summer 2023	\$0	\$0	\$350,000	\$390,000	\$400,000	\$1,260,000	\$0	\$2,400,000	Update title and description consistent with \$1.5M earmark secured. No change to total. (Previously listed as grant match for future projects in the corridor.)
COMPLETED PROJECTS												
5	Hwy 9 Pedestrian Crosswalks and Enhancements	Stripe new crosswalks and add RRFs, ladder striping, etc to several existing crosswalks	Completed Spring 2021		\$25,385	\$0					\$25,385	
6	Hwy 9/SLV Complete Streets Corridor Plan	Community-based comprehensive corridor plan, identifying priority transportation projects.	Completed 6/19		\$35,000						\$35,000	
7	Farmer St. Road Repair (alternate ped/bike route to Hwy 9)	Resurfacing Farmer Street, a pedestrian bypass to access SLV Schools Campus	Completed Fall 2019		\$15,000						\$15,000	
Estimated 5-Year Measure D Expenditures				\$62,402	\$435,064	\$449,311	\$390,000	\$400,000	\$2,161,010	\$0	\$3,835,385	

1- Funds may be shifted between years based on actual expenditures/use rates when sufficient cash capacity exists.

2- Prior Year actuals and carryover to current fiscal year to be adjusted based on audited actuals. Shown here are preliminary estimates.