

New Measure Infrastructure Projects

Cloverdale

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4511	Cloverdale Neighborhood Streets Reconstruction & Maintenance Pgm	24.8	0.2	unknown	
Description:	Cloverdale Annual Rehabilitation Program for Local Streets, including slurry seals, seal cracks, asphalt overlays and reconstruction				
4557	Sidewalk & bike lane completion on Cloverdale Blvd.	2.0	0.0	TBD	3
Description:	Construct new sidewalks, pedestrian bridges and bike lanes along both sides of Cloverdale Blvd.				
4558	Sidewalk improvements & traffic calming	0.8	0.0	TBD	1
Description:	Construct sidewalk bulb-outs and improve crosswalks on Cloverdale Blvd. from Lake Street to Franklin Street				
4559	South Downtown Multimodal Enhancement Project	2.5	0.0	TBD	1
Description:	Construct "Complete Streets" bike & pedestrian facilities by expanding sidewalks, constructing new curb ramps, adding crosswalks and bike lanes				
4000	Cloverdale Downtown Complete Streets Improvement Project	0.6	0.2	annual	3
Description:	Road surface & improvement project intended to extend the effective service				
4560	South Cloverdale Gateway Project	5.0	0.0	TBD	2
Description:	Complete bike and pedestrian enhancements at the South Cloverdale Blvd./Highway 101 overcrossing				
4561	North Cloverdale Gateway Project	1.5	0.0	TBD	1
Description:	Complete bike and pedestrian enhancement on North Cloverdale Blvd. from the Highway 128 intersection to North Street.				
BP4067	Citrus Fair Drive Greenway Project	1.4	0.0	TBD	1
Description:	Complete bike & pedestrian connection from SMART Transit Center to Tarmen Neighborhood and South Cloverdale Blvd.				
BP2	South Cloverdale River Trail	0.5	0.0	TBD	2
Description:	Complete bike and pedestrian paths creating the South Cloverdale River Trail (Asti Road and river frontage) connecting to the Great Redwood Trail & Cloverdale Airport.				
BP1	Cloverdale River Trail Extension	1.9	0.0	TBD	2
Description:	Complete bike and pedestrian paths along Crocker Road/First Street connecting River Road and the Cloverdale River Trail and Cloverdale Blvd.				
10 Measure M Projects: Cloverdale		Total (in \$M)	\$41.0	\$0.3	

1 = 41.5 (54)
 2 = 91.8 (11)
 3 = 306.8 (43)
 4 = 433 (15)
 1246.5

1 = 6.2 (7)
 2 = 7.4 (3)
 3 = 2.6 (1)

New Measure Infrastructure Projects

Cotati

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
2016	Highway 116 Cotati Corridor Improvements	15.0	0.0	2025	4
Description:	This project is a widening of Highway 116 between US 101 and Stony Point Road, including phased closure of driveway access to 116, the addition of signalized intersections, new bike lanes, and new sidewalk to improve the vehicle LOS, improve the safety of 116 for all modes of transportation, and create safe new corridors for pedestrian and bicyclists. Improvements to this State facility are identified in the adopted Bike and Ped Master Plan, as well as the City's General Plan.				
2001	US 101/Railroad Avenue Improvements.	40.0	19.0	2030	4
Description:	This project is the creation of a new south bound off ramp and north bound on ramp at Railroad Avenue. There continues to be growth outside of Cotati and Pengrove that will exacerbate traffic in both Pengrove and in downtown Cotati, as these are the only options to access US 101. Improvements would include safety improvements on Railroad Avenue from Petaluma Hill to US 101.				
2138	Old Redwood Hwy rehab - Plaza to Gravenstein Hwy	8.0	0.0	2022	4
Description:	This project consists of widening Old Redwood Highway for safer bike lanes, sidewalks, and center island medians. Also includes various signal improvements to improve congestion.				
4510	Pavement Maintenance Program	39.0	5.0	ongoing	
Description:	Annual Rehabilitation Program for Local Streets in Cotati - \$3.8M/yr is to reduce the backlog from \$10.7M to \$0.83M in the first 5 years (\$19M total). Years 6-25, the on-going maintenance needs are about \$1M/yr (\$20M total). Total need for basic pavement maintenance over 25 years is \$39M.				
4578	La Plaza Reunification	15.0	0.0	2030	2
Description:	Joining of all 4 legs of La Plaza Street around La Plaza Park, and re-routing vehicle and bicycle traffic around La Plaza Park to connections with Old Redwood Highway, West Cotati Avenue, West Sierra Avenue, and East Cotati Avenue. Project would re-create the central town plaza and encourage and activate a pedestrian and bicycle friendly downtown.				
4002	US 101/West Sierra Avenue South Bound Off-Ramp Improvements	10.0	0.0	2035	4
Description:	This project is the creation of a new south bound off ramp at West Sierra Avenue to improve transportation options for vehicles traveling south bound on US 101 by giving vehicles another option to access the Cotati/ southern Rohnert Park area, and relieving congestion at the US 101/116 interchange. Currently, no other south bound option exists between Highway 116 and Old Redwood Highway in Petaluma.				
BP37	West Cotati Avenue Sidewalks	1.6	0.0	TBD	1
Description:	Closing key gaps in sidewalk between 116 (site of significant pending commercial/residential development) and a key east/west pedestrian corridor under US 101 at Clifford, including a school connection to Thomas Page Academy on West Cotati Avenue.				
4001	US 101/Highway 116 North Bound On-Ramp Improvements	10.0	0.0	2035	4
Description:	This project is the creation of traditional north bound on-ramp for US 101 at the interchange with Highway 116. Highway 116 currently circulates through city streets to reach the US 101 north bound on-ramp at the intersection of Commerce Boulevard and Old Redwood Highway. This project will create a new leg from the existing US 101 south bound off ramp to provide a safer and more efficient path for traffic on Highway 116.				

8 Measure M Projects: Cotati

Total (in \$M)

\$138.6

\$24.0

Handwritten notes:
 1 = 1.6 (1)
 2 = 15 (1)
 4 = 72 (5)

New Measure Infrastructure Projects

Healdsburg

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4003	Dry Creek Road Improvements	6.0	0.0	TBD	1
Description:	Reconstruct and partially widen Dry Creek to implement street curbs, sidewalks, enhanced safety pedestrian crossing class 1 pathway and lane reconfiguration, reconstruct and widen north half of Grove St/Dry Creek Rd intersection.				
4546	Healdsburg Avenue Complete Street Improvement Powell to N CityLim	9.5	1.1	TBD	1
Description:	Road diet, bicycle facilities, pedestrian improvements, enhanced safety, and streetscape. Complete street project.				
4509	Pavement Maintenance Program	21.5	1.0		
Description:					
4547	Healdsburg Plaza Streetscape Rehabilitation	2.2	0.0	TBD	1
Description:	Streetscape project to improve safety and remove ADA barriers on all walkways within the Healdsburg Plaza extending down Center Street up to and include Police Department frontage.				
4548	US-101 Central Healdsburg Offramp Improvements (Roundabout)	10.0	0.0	TBD	3
Description:	The Northbound 101 offramp crosses Southbound Healdsburg Avenue (stop sign) creating a unique traffic situation. The Central Healdsburg Area Plan calls for a roundabout at this location.				
2036	Healdsburg Avenue-Mill Street Improvements	2.0	0.0	TBD	2
Description:	Reconstruct Healdsburg Avenue to re-align street curbs, reduce number of vehicle lanes, implement parking, landscaped center medians, sidewalks and other pedestrian features. Mill Street reconstruction and partial widening to implement street curbs, sidewalks, and possibly lane reconfiguration.				
4549	Foss Creek Segments 9 & 10	3.5	0.0	TBD	1
Description:	Construction of Class 1 pathway (ped and bike)				
4550	ADA Upgrades	8.0	0.0	Annually	1
Description:	Sidewalk repair, gap closures, and ramp upgrades.				
4551	Grove Street Neighborhood Plan Implementation - Complete Streets	2.5	0.0	TBD	2
Description:	Road improvements including curb, gutter, sidewalk, and bike facilities. Complete street project.				
4520	Foss Creek Pathway Class II	1.3	0.0	TBD	1
Description:	Class 2 (Bike Lanes) FRONT ST				

10 Measure M Projects: Healdsburg

Total (in \$M)

\$66.6

\$2.1

1 = 30.5 (B)
 2 = 4.5 (2)
 3 = 10 (1)

New Measure Infrastructure Projects

Petaluma

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
2026	Petaluma Crosstown Connector and Rainier Interchange	115.0	30.0	TBD	4
Description:	Extend Rainier Ave to cross highway 101 and terminate at Petaluma Blvd North. Construct Interchange with highway 101 and Rainier Ave extension				
4005	Washington Street Bridge Seismic Retrofit	4.0	0.0	2021	3
Description:	Seismically retrofit the Washington Street bridge				
2140	Southern Crossing at Caulfield Lane	72.0	0.0	TBD	3
Description:	Construct extension of Caulfield Lane to cross the Petaluma River and terminate at Petaluma Boulevard South				
4542	Lynch Creek Trail Rehabilitation	7.0	0.0	2035	1
Description:	Project includes the reconstruction of Lynch Creek Trail which includes a 10' wide concrete multi use trail, signing striping and new lighting				
4540	Traffic Signals ITS Upgrades	10.0	0.1	2030	3
Description:	Project includes the installation of fiber optic Interconnect communication, upgrading traffic controllers with adaptive upgrades, advanced detection system for automated traffic signal performance measures and the installation of battery backup systems to create a comprehensive transportation network that is intelligent, scalable, flexible and resilient during a natural disaster.				
4544	D Street Reconstruction	4.0	0.0	2028	3
Description:	Project includes the reconstruction of D Street from Windorsor Drive to Petaluma Boulevard South which will also include the installation of curb ramps, new traffic signal detection cameras and striping.				
4541	Petaluma River Trail	15.0	0.0	2025	1
Description:	Construct a multi-use bicycle and pedestrian path from shollenber Park to the NWP trail at the petuluma River including path and under the SMART rail line and Highway 101				
4543	East Washington Street Reconstruction	8.0	0.0	2035	3
Description:	Project includes the reconstruction of East Washington Street from Hwy 101 off Ramp to Bodega Avenue which will also include the installation of curb ramps, new traffic signal detection cameras and striping.				
BP77	Class 2 bicycle lane segments citywide	0.9	0.0	TBD	1
Description:	Class 2 bike lanes throughout Petaluma				
4545	Caulfield Lane Reconstruction	4.0	0.0	2028	3
Description:	Project includes the reconstruction of Caulfield Lane from Highway 101 to Garfield Drive which will also include the installation of curb ramps, new traffic signal detection cameras and striping.				

10 Measure M Projects: Petaluma

Total (in \$M)

\$239.9

\$30.1

1 = 220.9 (3)

3 = 28.26

4 = 15.4

New Measure Infrastructure Projects

Rohnert Park

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4572	State Farm Drive Overcrossing	17.0	0.0	2035	3
Description:	Overcrossing of Highway 101 between State Farm Drive and Business Park Drive consisting of bridge overpass with two (2) vehicular travel lanes, two (2) unprotected bike lanes, pedestrian access.				
4571	Central Rohnert Park Expressway Slip Streets	3.6	0.0	2022-25	3
Description:	Four slip streets on both sides of Rohnert Park Expressway between Commerce Boulevard and SMART Railway, each consisting of 10' vehicular travel lane, 18' diagonal parking lane, and 8' concrete bike path				
4570	Central Rohnert Park PDA - Commercial Connector Street Completion	5.7	0.0	2022-2025	2
Description:	Extension of City Center Drive between State Farm Drive and Commerce Boulevard (currently "Padre Center Parkway"); new street connecting Rohnert Park Expressway to City Center Drive; new street connecting Rohnert Park Expressway; three traffic signals; widening of Commerce Boulevard Bridge over Hinebaugh Creek				
2139	Southwest Boulevard Corridor Improvements	2.2	0.0	2025	1
Description:	Overlay and reconstruction of Southwest Boulevard and complete streets implementation as well as streetscape and urban design improvements to encourage bicycle and pedestrian use while accommodating vehicular traffic.				
BP154	Enhanced Bike/Pedestrian Crossings at NWP Railroad	2.0	0.0	2022	3
Description:	Enhanced Bike/Pedestrian Crossings at NWP Railroad				
3048	Highway 101 Bicycle/Pedestrian Crossing	7.0	0.0	2035	1
Description:	Bike/pedestrian bridge crossing of Highway 101, location to be determined through Measure M funded feasibility study				
BP175	Trail to Crane Creek Regional Park	2.9	0.7	2020	1
Description:	Construction of a multi-use trail connecting Water Tank No. 8 service road east of Petaluma Hill Road to Crane Creek Regional Park.				
4569	Redwood Drive Bridge Replacement at Hinebaugh Creek	10.0	0.0	2030	3
Description:	Redesign and replacement of vehicular bridge				
4568	Citywide Advanced Traffic Management System (ATMS) Implementation	5.7	0.0	2025	3
Description:	Implementation of Citywide ATMS at 26 of 38 existing intersections (including cabinet and detection replacement/upgrade; ATMS infrastructure/software, programming) and installation of 6.7 miles of fiber or copper in new interconnect conduit.				
4010	Central Rohnert Park PDA Complete Streets Improvements	6.0	0.0	2025	1
Description:	Various improvements within the Central Rohnert Park Priority Development Area to improve active and multi-modal transportation, including but not limited to: enhanced pedestrian/bike crossings or infrastructure (over- or under-crossings or bridges) at arterials and/or the SMART rail line; traffic calming devices; traffic signal detection and/or ped/bike actuation; median, sidewalk, curb and gutter improvements including bulbouts, pedestrian safety islands; striping and pavement markings; street furniture and amenities including bike storage; bus stop amenities; wayfinding signage.				

10 Measure M Projects: Rohnert Park

Total (in \$M)

\$62.0

\$0.7

Handwritten calculations:
 1 = 18.1 (4)
 2 = 5.7 (1)
 3 = 38.2 (5)

New Measure Infrastructure Projects

Santa Rosa

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4525	Downtown Connectivity to Support Housing Density Intensification	25.0	0.0	2025	2
<p>Description: Projects to be determined pending City Council approval early 2020, possible multi modal transportation projects that address climate adaptation, housing intensification and financial stability could include Fourth Street, Sixth Street, Third Street, B Street, Healdsburg Avenue, Mendocino Avenue streetscape. (In addition to the project type selected below the project could include the following components - Bicycle and pedestrian, ITS and new technologies, TDM, transit, intersection improvements).</p>					
4526	Climate Adaptation Technology Innovation Transport Initiatives	6.5	0.0	2025	1
<p>Description: Programmatic efforts to address Climate adaptation - Improve transit corridor efficiency reducing per-trip travel time and per-capita CO2 emissions. Continue to implement emission reduction technologies to improve the flow of traffic and adapt to emerging technology related to mobility options (autonomous vehicles) with the deployment of ITS technology, upgraded signal controllers. Complete First Phase active transportation corridor studies identified in the Bicycle & Pedestrian Master Plan Update 2018 (BPMUPU 2018) Implement Short term implementation goals identified in the BPMUPU 2018, such as Vision Zero, safe routes to school, first & last mile connections to transit & rail, regional bike share, bike & pedestrian safety & education activities. Ongoing programs to support these transportation initiatives. This project also includes intersection improvements, transit improvements, bicycle and pedestrians facilities and emission reduction technologies. Total cost estimate ~ \$6.5</p>					
2005	Hwy 101 Corridor Interchange Improvements	98.0	3.5	2022	-
<p>Description: Phase 1 - Reconstruct the over crossing and interchange at Hearn Avenue and Highway 101, including the addition of turn lanes, bike lanes and sidewalks. (\$28.0 M construction phase) - 4 2022 Phase 2 - Reconstruct the over crossing and interchange at Mendocino Ave/Hopper Ave and Highway 101, including the addition of turn lanes, bike lanes and sidewalks as part of the recovery and resiliency and financial stability efforts \$40.0 M - 2040 4 Phase 3 - Expand bike, pedestrian, transit, and vehicle improvements across Hwy 101 in south Santa Rosa at Bellevue Avenue and Highway 101 so that mobility options are available to all south Santa Rosa neighborhoods, an under served area, and encourage a healthy climate for business and growth. \$30.0 M - 2040 3</p>					
4529	East West Bicycle and Pedestrian Connections	24.0	1.7	2022	
<p>Description: Phase 1 - This project proposes to construct a bicycle and pedestrian overcrossing of US Highway 101 in northern Santa Rosa, connecting the Mendocino Avenue high-frequency transit corridor and Santa Rosa Junior College Campus with the Coddington Transit Hub and North Santa Rosa SMART Station area. This project has been identified as a high-priority project in City public engagement and planning processes for the past 25 years, and since 2010 substantial work has been completed to move the project forward towards the construction phase, including completion of a Caltrans Project Initiation Document (PID) and funding of the environmental and design phases of the project. With the 2017 initiation of SMART rail service to the North Santa Rosa Station within 1/2 mile of the proposed overcrossing, and concurrent improvement of Santa Rosa CityBus bus service to the Mendocino Avenue Corridor and Coddington Transit Hub, this overcrossing has grown in importance for connecting bicyclists and pedestrians with important transit facilities to the east and west of US 101 in Santa Rosa. (\$14.0 M) - 2022 1 Phase 2 - Construct a bike and pedestrian at grade crossing at Jennings Avenue @ SMART (\$5.0 M) - 2025 1 Phase 3 - Install bike lanes on Steele Lane/Guerneville Road (\$5.0 M) - 2030 1</p>					
4530	Southeast Greenway Multi Use Path and Crossings	20.0	0.0	2040	1
<p>Description: Provide continuous pedestrian, bicycle, and non-motorized transportation connections from Spring Lake Regional Park to Farmers Lane and links to downtown Santa Rosa, surrounding neighborhoods and schools, and the regional trail system. This project could also include multimodal streetscape improvements at crossings.</p>					

1 = 66.5 (17)
2 = 45 (22)
3 = 88.5 (3)
4 = 119 (3)

New Measure Infrastructure Projects

Santa Rosa - continued

Plan ID#	Cost (in \$M)	\$M	Project Year	Environmental Priority
4531	84.0	9.0	2030-2045	
Description:	Southeast Santa Rosa Multi Modal Resiliency Corridor Enhancement Phase 1 - Pedestrian and bicycle enhancements and safety enhancements at 4th Street and Hwy 12/Farmers Lane. (\$8.0 M) - 2030 Phase 2 - Improve and widen Yolanda Avenue between Petaluma Hill Road and Santa Rosa Avenue including 2 travel lanes in the westbound direction and one travel lane in the eastbound direction with a center two way left turn lane, adding bike lanes and sidewalks. (\$20.0 M) - 2035 Phase 3 - Construct Farmers Lane from Bennett Valley Road and Farmers Lane to Petaluma Hill Road at Yolanda Avenue. The project will include sidewalks, bike lanes, transit route and serve as an evacuation route. (\$46.0 M) - 2030 Phase 4 - Construct a shared use bike and pedestrian path (Taylor Mountain Regional Park Trail) from Bennett Valley Road/Farmers Lane to Petaluma Hill Road/Yolanda Avenue (\$10.0 M) - 2045 This also includes roadway improvements, intersection improvements, and bicycle and pedestrian facilities. LOCATION: Farmers Lane between the intersection of Bennett Valley Road and Farmers Lane and the intersection of Petaluma Hill Road and Yolanda Avenue, Yolanda Avenue between Petaluma Hill Road and Santa Rosa Avenue, Fourth Street at Farmers Lane and Taylor Mountain Regional Park Trail parallel to Farmers Lane			
4533	12.5	0.0	2040	3
Description:	Chanate Road - Resiliency Corridor			
2012	50.0	10.0	2040	4
Description:	The scope of this project includes: Fire evacuation route (Mendocino Avenue to Parker Hill Road) includes roundabout @ Parker Hill Rd and Chanate Rd and modifying existing median. Fulton Road Interchange @ Hwy 12 - Phase 2 Convert the existing signalized intersection of Fulton Road and Highway 12 into a full interchange (including sidewalks and bike lanes)			
4534	6.0	0.0	2035	1
Description:	Citywide Bicycle and Pedestrian Projects 1st Phase - Plan Update Construct bicycle and pedestrian projects based on the results of the studies conducted in the Climate Adaptation, Technology and Innovative Solutions (Transportation Initiatives) programmatic project implementing Bicycle and Pedestrian Master Plan priorities			

9 Measure M Projects: Santa Rosa Total (in \$M) \$326.0 \$24.2

New Measure Infrastructure Projects

Sebastopol

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4581	Bodega Corridor Project	5.0	1.2	2021-2024	1
Description:	Repairing, add bike lanes, 3 sidewalk gap closures, roadway widening, shoulder stabilizing				

4032	Pavement Rehabilitation Program	5.0	0.2	2024-2028	
Description:	Annual Rehabilitation Program for Local Streets in Sebastopol - Raise PCI 5 points in 5 years				
4579	West Sebastopol Active Transport Plan	8.3	0.0	2025	1
Description:	Bodega Ave - Ragle Road - Mill Station Road: Bicycle and pedestrian access - west route				

4580	Alternate West Route to Sebastopol	5.0	0.0	2030	3
Description:	Improve a west side routing to connect SR 116 south of Sebastopol with Bodega Highway west of Sebastopol utilizing a number of alternate routes such as Pleasant Hill Road, Bloomfield Road, and possibly others				

4 Measure M Projects: Sebastopol Total (in \$M) \$23.3 \$1.4

1 = 13.3 3 = 5

New Measure Infrastructure Projects

SMART

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4502	SMART Pathway	40.0	0.0	2022	1
Description: Construction of Class 1 non-motorized pathway in discreet segments along and/or within the SMART right-of-way YOE cost estimated at \$40m.					

1 Measure M Projects: SMART

Total (in \$M)

\$40.0

\$0.0

1 = 40

New Measure Infrastructure Projects

SONOMA

Plan ID#	Project Name	Cost (in \$M)	Known Funding (in \$M)	Project Year	Environmental Priority
4033	Local Streets and Roads Rehabilitation	10.0	0.0	Annual	
Description: Rehabilitation of Local Streets and Roads per Pavement Management System.					

4036	Safety Improvements at Fifth St. West	3.0	0.0	2020	3
Description: Resolve Safety problem primarily at the intersection of Fifth St. West and Studley St. and Safeway egress.					

4035	Intersection Improvements at West Spain St. and Fifth St. West	2.0	0.0	2021	3
Description: Improve this 4-way Stop Intersection currently operating at LOS E.					

4536	Broadway (SR12) Streetscape Enhancements and Traffic Circulation	6.0	0.0	2022	1
Description: Enhance the Broadway streetscape to improve the pedestrian experience, provide sustainable landscaping, and increase public safety for pedestrians, bicyclists, and motorists.					

4034	Intersection Improvements at SR12 Sonoma Highway and West Napa St	3.0	0.0	2023	3
Description: Improve this misaligned signaled intersection to better allow pedestrian traffic and improve vehicular turning movements.					

4037	Intersection Improvements at SR12 Broadway and SR12 West Napa St.	6.0	0.0	2024	3
Description: Improve this 4-way Stop Intersection currently operating at LOS D. The intersection creates many points of conflict and motorist confusion, due to long pedestrian crossings and very busy pedestrian traffic in front of the Historic Sonoma Plaza.					

6 Measure M Projects: Sonoma

Total (in \$M)

\$30.0

\$0.0

1 = 6
3 = 14 (9)