

MISSION

To advance transportation, ease congestion, and prepare Contra Costa County for future safe mobility.

VISION

Strive to preserve and enhance the quality of life of local communities with integrated, reliable, and accessible transportation that optimizes the existing transportation system, leverages emerging technologies and provides seamless multimodal choices.




BUILDING A NEW TRANSPORTATION FUTURE

We strive to achieve this vision and fulfill our mission by focusing on the following goals:

- ✓ **Ease traffic congestion**, improve freeway traffic flow, and reduce bottlenecks.
- ✓ **Make public transportation more accessible**, convenient, and affordable for seniors, students, commuters, and the disabled; and provide better mobility options for all.
- ✓ **Optimize the transportation system**, enhance local, regional, and express bus service; improve connections between modes; and leverage technology.
- ✓ **Improve air quality, create jobs, and generate economic benefits**; increase personal quality time and overall quality of life.
- ✓ **Repave local streets, repair potholes, and synchronize signals**; smooth traffic, improve neighborhood streets and intersections, and enhance bike and pedestrian connections.

A ROADMAP TO THE FUTURE

The Contra Costa Transportation Authority (Authority) will apply the following principles to meet the goals of a potential new local transportation sales tax measure for Contra Costa County:

-  **Performance Orientation.** Use transportation sales tax to achieve defined outcomes and benefits most sought by residents and businesses. Funding will flow to the best opportunities consistent with other Guiding Principles.
-  **Maximize Available Funding.** Proactively seek regional, state, and federal funding and private investments to supplement the county's local sales tax revenue, thereby maximizing the total amount of funding for transportation projects in Contra Costa County.
-  **Public Participation.** Conduct a public outreach program that collects input from stakeholders, residents and the communities throughout Contra Costa County and respond accordingly with meaningful action.



Commitment to Technology and Innovation. Keep Contra Costa County on the cutting edge of transportation technology by continuing to incorporate advanced technologies and emerging innovations into the transportation system.



Accountability and Transparency. Strive for excellence in protecting the public's investment and shall routinely engage with partner organizations, advisory committees, and the county's residents and businesses to ensure full transparency.



Commitment to Growth Management. Administer countywide policies that support thoughtful growth management to sustain Contra Costa's economy, preserve its environment, and support its communities.



Balanced and Equitable Approach. Balance the needs and benefits for all people and areas of Contra Costa County to provide an equitable and sustainable transportation system.



Economic Opportunity. Recognize that adding jobs closer to residents' homes can reduce commute times, greenhouse gas emissions and vehicle miles traveled. Consider making sales tax revenue available in expenditure categories to partially fund transportation infrastructure that is likely to result in significant job growth, such as the Northern Waterfront.

BENEFITS OF FUTURE MOBILITY

Investments will be well defined to achieve the following defined benefits of a potential new local transportation sales tax measure. While specific benefits will be developed upon conducting public opinion research, possible benefits may include:



Improve Pavement Condition. Smoother roads in Contra Costa County.



Improve Air Quality. Reduce the number of vehicles on the road and encourage the use of zero emission vehicles.



Mode Share and Increased Transit Trips. Expand safe, convenient and affordable alternatives to the single occupant vehicle.



Improve Transit Efficiency and Accessibility. Provide more frequent, reliable and on-demand transit services.



Improve Mobility. Maximize efficiency of the transportation system by increasing movement of more people and goods through vital congested corridors.



Reduce Travel Times and Improve Travel Time Reliability on Congested Corridors.



Improve Economic Activity and Create Jobs. Transportation sales tax investments could result in direct and indirect economic benefits, including jobs, business expansion and attract new businesses.

Expenditure Plan Summary - JULY 18, 2019

Funding Category	\$ millions	%	Distribution of Funding by Subregion			
			Central (a)	Southwest (b)	West (c)	East (d)
RELIEVING CONGESTION ON HIGHWAYS, INTERCHANGES, AND MAJOR ROADS	1370	44.8%				
Improve State Route 242 (SR-242), Highway 4 and eBART Corridor	673	22.0%				
Relieve Congestion and Improve Access to Jobs along Highway 4 and SR-242	200	6.5%	154			46
Improve Local Access to Highway 4 and Byron Airport	150	4.9%				150
East County Transit Extension to Brentwood and Connectivity to Transit, Rail, and Parking	100	3.3%				100
Improve Traffic Flow on Major Roads in East County	75	2.5%				75
Enhance Ferry Service and Commuter Rail in East and Central County	50	1.6%	30			20
Improve Transit Reliability along SR-242, State Route 4 and Vasco Road	50	1.6%	12			38
Seamless Connected Transportation Options	20	0.7%	8			12
Additional Train Cars for e-BART	28	0.9%				28
Modernize I-680 , Highway 24, and BART Corridor	481	15.7%				
Relieve Congestion, Ease Bottlenecks, and Improve Local Access along the I-680 Corridor	200	6.5%	105	95		
Improve Traffic Flow on Major Roads in the Central County and Lamorinda	103	3.4%	93	10		
Improve Transit Reliability along the Interstate 680 and Highway 24 Corridors	50	1.6%	25	25		
Provide Greater Access to BART Stations along I-680 and Highway 24	49	1.6%	30	19		
Seamless Connected Transportation Options	25	0.8%	17	8		
Improve Traffic Flow on Highway 24 and Modernize the Old Bores of Caldecott Tunnel	35	1.1%	3	33		
Improve Traffic Flow on Major Roads in San Ramon Valley	19	0.6%		19		
Upgrade I-80 and I-580 (Richmond Bridge), and BART Corridor	216	7.0%				
Improve Transit Reliability along the I-80 Corridor	90	3.0%			90	
Relieve Congestion and Improve Local Access along I-80 Corridor	57	1.9%			57	
Enhance Ferry Service and Commuter Rail in West County	34	1.1%			34	
Improve Traffic Flow and Local Access to Richmond-San Rafael Bridge along I-580 and Richmond Parkway	19	0.6%			19	
Seamless Connected Transportation Options	5	0.2%			5	
Improve Traffic Flow on Major Roads in West County	10	0.3%			10	
IMPROVING TRANSPORTATION COUNTYWIDE IN ALL OUR COMMUNITIES	1569	51.3%				
Modernize Local Roads and Improve Access to Jobs and Housing	532	17.4%	156	122	101	154
Improve Walking and Biking on Streets and Trails	215	7.0%	53	54	51	57
Provide Convenient and Reliable Transit Services in Central, East and Southwest Contra Costa	192	6.3%	78	78		36
Increase Bus Services and Reliability in West Contra Costa	187	6.1%			187	
Affordable Transportation for Seniors, Veterans, and People with Disabilities	154	5.0%	40	25	41	48
Cleaner, Safer BART	120	3.9%	30	19	43	28
Safe Transportation for Youth and Students	87	2.8%	14	31	27	15
Reduce Emissions and Improve Air Quality	37	1.2%	11	7	9	10
Improve Transportation and Access to Job Centers	45	1.5%	13	8	10	13
Transportation Planning, Facilities & Services	92	3.0%	27	17	21	26
Administration	31	1.0%	9	6	7	9
TOTAL	3061	100.0%	908	577	713	864
Population Based Share	3061		908	577	713	864
Population Share (2035 Estimate) of Total			29.7%	18.8%	23.3%	28.2%

Detailed Expenditure Plan - JULY 18, 2019

Funding Category	\$ millions	%	Distribution of Funding by Subregion				Transit and Alternative Modes					
			Central (a)	Southwest (b)	West (c)	East (d)	BART	Bike/ Ped	Transit	Local	Freeway	
San Pablo Dam Road in Contra Costa County and City of San Pablo and Others												
IMPROVING TRANSPORTATION COUNTYWIDE IN ALL OUR COMMUNITIES	1569	51.3%										
Modernize Local Roads and Improve Access to Jobs and Housing	532	17.4%	156	122	101	154		x			x	
Improve Walking and Biking on Streets and Trails	215	7.0%	53	54	51	57		x			x	
Complete Street Demonstration Projects (Minimum one project per subregion)												
I-80/Central Avenue (Phase 3)												
23rd Street POC												
Bollinger Canyon Road POC for Iron Horse Trail												
Connect Iron Horse Trail and Contra Costa Trail ...and Others												
Provide Convenient and Reliable Transit Services in Central, East and Southwest Contra Costa	192	6.3%	78	78		36				x		
Increase Bus Services and Reliability in West Contra Costa	187	6.1%			187					x		
Affordable Transportation for Seniors, Veterans, and People with Disabilities	154	5.0%	40	25	41	48				x		
Cleaner, Safer BART	120	3.9%	30	19	43	28	x					
Safe Transportation for Youth and Students	87	2.8%	14	31	27	15		x		x		
Reduce Emissions and Improve Air Quality	37	1.2%	11	7	9	10				x	x	
Zero Emission Vehicle Program for Contra Costa												
Smart rideshare, carshare, and bikeshare services												
On-demand and guaranteed transit services												
Smart payment systems												
Data sharing to improve mobility choices ...and Others												
Improve Transportation and Access to Job Centers	45	1.5%	13	8	10	13		x		x	x	
Transportation Planning, Facilities & Services	92	3.0%	27	17	21	26						
Administration	31	1.0%	9	6	7	9						
TOTAL	3061	100.0%	908	577	713	864	\$ 185	\$ 344	\$ 1,028	\$ 735	\$ 647	
Population Based Share	3061		908	577	713	864	6.0%	11.2%	33.6%	24.0%	21.1%	
Population Share (2035 Estimate) of Total			29.7%	18.8%	23.3%	28.2%						

EXPENDITURE PLAN SUMMARY

FUNDING CATEGORIES	SUBTOTALS	
	\$ (millions)*	%
RELIEVING CONGESTION ON HIGHWAYS, INTERCHANGES, AND MAJOR ROADS	\$1408	
Improve State Route 242 (SR-242), Highway 4, and eBART Corridor		
Relieve Congestion and Improve Access to Jobs Along Highway 4 and SR-242	200	6.5
Improve Local Access to Highway 4 and Byron Airport	150	4.9
East County Transit Extension to Brentwood and Connectivity to Transit, Rail, and Parking	100	3.3
Improve Traffic Flow on Major Roads in East County	75	2.5
Enhance Ferry Service and Commuter Rail in East and Central County	50	1.6
Improve Transit Reliability Along SR-242, Highway 4, and Vasco Road	50	1.6
Seamless Connected Transportation Options	36	1.2
Additional eBART Trains Cars	28	0.9
Modernize I-680, Highway 24, and BART Corridor		
Relieve Congestion, Ease Bottlenecks, and Improve Local Access Along the I-680 Corridor	200	6.5
Improve Traffic Flow on Major Roads in the Central County and Lamorinda	103	3.4
Improve Transit Reliability along the I-680 and Highway 24 Corridors	50	1.6
Provide Greater Access to BART Stations Along I-680 and Highway 24	49	1.6
Seamless Connected Transportation Options	36	1.2
Improve Traffic Flow on Highway 24 and Modernize the Old Bores of Caldecott Tunnel	35	1.1
Improve Traffic Flow on Major Roads in San Ramon Valley	20	0.6
Upgrade I-80, I-580 (Richmond-San Rafael Bridge), and BART Corridor		
Improve Transit Reliability Along the I-80 Corridor	90	3.0
Relieve Congestion and Improve Local Access Along the I-80 Corridor	57	1.9
Enhance Ferry Service and Commuter Rail in West County	34	1.1
Improved Traffic Flow and Local Access to Richmond-San Rafael Bridge Along I-580 and Richmond Parkway	19	0.6
Seamless Connected Transportation Options	16	0.5
Improve Traffic Flow on Major Roads in West County	10	0.3
IMPROVING TRANSPORTATION COUNTYWIDE IN ALL OUR COMMUNITIES	\$1530	
Modernize Local Roads and Improve Access to Job Centers and Housing	532	17.4
Improve Walking and Biking on Streets and Trails	215	7.0
Provide Convenient and Reliable Transit Services in Central, East, and Southwest Contra Costa	192	6.3
Increase Bus Services and Reliability in West Contra Costa	187	6.1
Affordable Transportation for Seniors, Veterans, and People with Disabilities	154	5.0
Cleaner, Safer BART	120	3.9
Safe Transportation for Youth and Students	87	2.9
Reduce Emissions and Improve Air Quality	43	1.4
SUBTOTAL	\$2938	96%
Transportation Planning, Facilities & Services	\$92	3.0
Administration	\$31	1.0
TOTAL	\$3061	100%

*Funding amounts are rounded

▶ \$1.41 BILLION

IN 2017, FOUR
MAJOR FREEWAYS IN
CONTRA COSTA COUNTY
RANKED IN THE TOP 10
WORST COMMUTES:
I-680, I-80, HIGHWAY 24
AND HIGHWAY 4.*

RELIEVING CONGESTION ON HIGHWAYS, INTERCHANGES, AND MAJOR ROADS

More than 79 percent of Contra Costa County's residents drive to work; several of Contra Costa County's highways have been identified as the "most congested in the San Francisco Bay Area."**

Easing traffic congestion is one of Contra Costa County residents' highest priorities. Accordingly, CCTA will invest nearly half of the new transportation sales tax revenue toward new, modern tools and strategies to improve traffic flow and reduce traffic congestion on the county's major corridors and roads. These strategies include highway and road improvements thoughtfully integrated with transit improvements and alternative modes.

Improving transit and transit connections will lessen traffic congestion on the county's highways; as transit service is improved and more people take transit, fewer cars on the road translates to less traffic.

CCTA is committed to improving access to jobs throughout Contra Costa and supporting economic development of the Northern Waterfront initiative through programs and projects in this Transportation Expenditure Plan. Programs and projects will support housing within planned or established job centers that are served by transit, or that aid economic development and job creation.

Projects will be subject to applicable policies as presented in the Policy Statements section at the end of this document.

*SOURCE: Metropolitan Transportation Commission, Vital Signs - https://mtc.ca.gov/sites/default/files/top_10_congestion_locations-2017.pdf

**SOURCE: Metropolitan Transportation Commission, Vital Signs, 2016-2017 data

» Improve SR-242, Highway 4, and eBART Corridor

4 242

RELIEVE CONGESTION AND IMPROVE ACCESS TO JOBS ALONG HIGHWAY 4 AND SR-242

CCTA is continuing its work in **easing traffic congestion**, smoothing traffic flow, and reducing travel time along Highway 4 and SR-242 with a blend of projects that may be considered such as:

- **Improve access to jobs and support economic development along the Northern Waterfront**
- Improving access to local key destinations, including business districts and BART stations
- Reconfiguring interchanges along SR-242
- Managing traffic flow on Highway 4 by connecting and **synchronizing traffic on freeway**, local roads and freeway ramps
- Completing operational improvements at the I-680/ Highway 4 interchange
- Addressing bottlenecks and cooling hot spots caused by high-volume weaving areas and **adding auxiliary lanes** and improving ramps between SR-242 and Bailey Road
- Providing incentives to encourage the use of transit and alternative transportation options

**5th most
CONGESTED
HIGHWAY
in the Bay Area**
*Eastbound Martinez to Pittsburg**



IMPROVE LOCAL ACCESS TO HIGHWAY 4 AND BYRON AIRPORT

CCTA has developed a multi-pronged approach to **reducing traffic congestion and improving safety and travel time reliability** on the roads through and around Byron. These projects will also facilitate economic development and goods movement in east Contra Costa County. Key projects may consider:

- A new limited-access connector between Byron Highway and Vasco Road south of Camino Diablo to **improve access to Byron Airport**, making it a more useful transportation hub
- Improvements to Vasco Road and Byron Highway, and other safety improvements
- Interchange improvements along Highway 4 at Balfour Road, Marsh Creek Road, Walnut Boulevard; and Camino Diablo
- Enhancements to the Byron Airport

- **Improve access to jobs and support economic development along the Northern Waterfront**

These projects will include measures to prevent growth outside pre-defined urban limit lines, for example, prohibitions on roadway access from adjacent properties, permanent protection and/or acquisition of agricultural lands or critical habitat, and habitat conservation measures.



ADDITIONAL eBART TRAIN CARS

Trains are full with standing room only during commute hours. Funding will be considered for allocation toward **purchasing additional eBART train cars** so that trains can run more frequently, thereby carrying more passengers on this popular route.

*Source: Metropolitan Transportation Commission, "Vital Signs: Bay Area Freeway Locations with most Weekday Traffic Congestion, 2017" - https://mtc.ca.gov/sites/default/files/top_10_congestion_locations-2017.pdf



SEAMLESS CONNECTED TRANSPORTATION OPTIONS

Contra Costa County's transportation system is a mix of freeways to bike paths, trains to shuttles, and many other modes in between. Providing **seamless connectivity among these many travel options** will ensure that our system can meet the future needs of our growing and aging population.

CCTA will develop guidelines and implement systems to promote connectivity between all users of the transportation network (vehicles, pedestrians, bicycles, buses, trucks, etc.) using automation technology and taking advantage of future transportation technology trends.



ENHANCE FERRY SERVICE AND COMMUTER RAIL IN EAST AND CENTRAL COUNTY

To help travelers make convenient connections between the Capitol Corridor and San Joaquin train system and the BART system, CCTA proposes to **fund new stations and improvements to existing stations** and rail facilities. Some example projects may include a new train station for the San Joaquin line and a park-and-ride lot in Oakley; new connections between the new Oakley station and Antioch eBART; and a transit connection from the Martinez Amtrak station to the North Concord/ Martinez BART station.

CCTA is also considering expanding ferry service between Martinez and Antioch. As more people use ferries and the passenger train, traffic congestion on Contra Costa County's roads and highways will decrease, **traffic will flow more smoothly, and air emissions will decrease**, thereby improving the county's air quality.

» Improving Transportation Countywide In All Our Communities



MODERNIZE LOCAL ROADS AND IMPROVE ACCESS TO JOB CENTERS AND HOUSING

Smooth, pothole-free roads, safe intersections, pleasant sidewalks, safe bike lanes, and clean air are some of the important features that make Contra Costa County a great place to live and work.

CCTA will provide funding directly to the county's cities, towns, and unincorporated areas so that they may make improvements to their own local roads and streets.

To ensure transparency and accountability, local agencies report annually on the amount spent on roadway maintenance, bicycle and pedestrian facilities, transit facilities, and other roadway improvements. Local agencies must also meet the requirements set forth in the Growth Management Program, Urban Limit Line Compliance Requirements, Transit Policy, Complete Streets Policy, and other applicable policies in the Policy Statements section.



SAFE TRANSPORTATION FOR YOUTH AND STUDENTS

Drop-off and pick-up at schools often creates traffic jams on local streets and unsafe conditions for children. CCTA will allocate funding toward a wide array of transportation projects and programs for students, and youth, aimed at offering safe transportation options, such as walking, and cycling, and improving mobility.

Funding will also be used for **reduced fare transit passes**, transit incentives, and school bus programs to encourage more youth and students to use transit to attend school and afterschool programs. This will also relieve traffic congestion.

In cooperation with project sponsors in each subregion, CCTA will establish guidelines to define priorities and maximize effectiveness. The guidelines may require provisions such as operational efficiencies, performance criteria, parent contributions, and reporting requirements.



IMPROVE WALKING AND BIKING ON STREETS AND TRAILS

Numerous studies and research across many different communities have demonstrated the benefits of creating an environment where walking and bicycling are safe, comfortable, and convenient. For example, **increased walking and bicycling can improve air quality by reducing emissions and energy use** from motor vehicles; improving access by foot or bike can make transit more convenient; and regular walking and bicycling can improve people's health and reduce mortality rates and health care costs.

This TEP contains **unprecedented levels of funding to improve safety for bicyclists and pedestrians in every part of the county**— from local street improvements to trail enhancements and similar projects. Funding will be considered to implement projects in the Contra Costa Countywide Bicycle and Pedestrian Plan, most recently updated in 2018. CCTA will develop program guidelines for a competitive project selection process that maximizes benefits for all users. All funding will be consistent with CCTA's Complete Streets, Vision Zero, and other applicable policies.

Approximately one-fifth of the funds will be considered for allocation to the East Bay Regional Park District for the development, maintenance, and rehabilitation of paved regional trails.

