QUARTERLY PROJECT STATUS REPORTS

October - December 2020

CONTRA COSTA
transportation
authority

ON-GOING PROJECTS

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Indicates delay in schedule, increase in cost and/or increase in funding shortfall since last update

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SOUTHWEST COUNTY

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1716	Stone Valley Road Circulation Improvements, 2003
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1718	Crow Canyon Road Improvements, 2001
1719	Sycamore Valley Road Improvements, 2008
1720	San Ramon Valley Boulevard Widening – Phase 1, 1997
1722	Santa Maria Park and Ride Lot Slide Repair, 2017
1723	Danville Road and Street Preservation, 2019
1801	Camino Pablo (San Pablo Dam Corridor), 1996
2206	I-680/Sycamore Valley Road Park & Ride, 1998
2209	San Ramon Intermodal Transit Facility, 1996
3101	Iron Horse Trail – Monument to Alameda County Line, 1994
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Measure J

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24011	Downtown Corridors Traffic Improvements, 2019
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COMPLETED PROJECTS

SOUTHWEST COUNTY

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10003-07	Lafayette Station Site Improvements, 2019
10003-08	Downtown Orinda Streetscape Master Plan, 2019

CENTRAL COUNTY

Measure C

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1103	I-680/North Main Street Bypass, 1996
1108	Route 242/Concord Avenue Interchange, 1997
1113	Route 242 Widening, 2001
1116	I-680 HOV Lanes, 2005
1117	I-680/SR4 Interchange, 2009
1203	Alhambra Avenue Widening, 2011
1205	Taylor Boulevard/Pleasant Hill Road/Alhambra Road Intersection Improvements, 2000
1209	South Broadway Extension, 1996
1210	Monument Boulevard/Contra Costa Boulevard/Buskirk Avenue Improvements, 1996
1215	Geary Road Improvements, 2002
1217	Bancroft/Hookston Intersection, 2004
1218	Buskirk Avenue Improvements, 2005
1219	Iron Horse Trail Crossing at Treat Boulevard, 2010
1220	Ygnacio Valley Road Slide Repair, 2008
1221	Contra Costa Boulevard Signal Coordination 2009
1222	Operational Improvements on Parallel Arterials, 2019
2208	Martinez Intermodal Facility – Phase 1, 2001
2208	Martinez Intermodal Facility - Phase 2, 2006
2210	Pacheco Transit Hub, 2014
2296	Martinez Bay Trail, 2007
3102	Walnut Creek Channel to CC Shoreline Trail, 2001

Measure J

8002	I-680 Southbound Carpool Lane Extension (restripe), Nov 2011
24005	Court Street Overcrossing – Phase 1, 2014
24006	Buskirk Avenue Widening – Phase 2, 2014
24007	Geary Road Reconstruction – Phase 3
24012	Farm Bureau Road Safe Route to Schools, 2019
24013	Salvio Street Complete Streets – Sidewalk, 2017
24026	Contra Costa Boulevard Improvements, December 2014
24027	Ygnacio Valley Road Permanent Restoration – Phase 2, 2015
24028	Clayton Road/Treat Boulevard/Denkinger Road Intersection Capacity Improvements, 2018
24029	Old Marsh Creek Road Overlay, 2010
24031	Alhambra Creek Bridge and Ferry Street Enhancements, 2020
10001-03	Comprehensive Wayfinding System for Central Contra Costa BART Stations, 2020
10001-05	Concord BART Plaza Redesign, 2019
10001-06	Shared Autonomous Vehicle Pilot Program, 2020 (new)
10001-07	Pleasant Hill Parking Structure Elevator Renovation, 2019

COMPLETED PROJECTS

WEST COUNTY

Measure C

1300	Richmond Parkway, 1996
1501	SR4 (W) Gap Closure – Phase 1, 2002
1503	SR4 (W) Willow Avenue Overcrossing, 1996
2302	Richmond Transit Village BART Parking Structures, 2015
2303	Hercules Transit Center, 2009
3111	Atlas Road Bridge, 2017

Measure J

7005	Interstate 80 Integrated Corridor Mobility, 2016
9001	Richmond Parkway Upgrade Study, 2008
9002	Richmond Parkway Lighting, 2017
9003	Marina Bay Parkway Grade Separation, 2016
10002-01	BART – Transit Oriented Development (TOD) and Access Improvements at El Cerrito Plaza and del Norte BART Stations, 2014
10002-05	Comprehensive Wayfinding System at West Contra Costa BART Stations, 2020

EAST COUNTY

Measure C

1401	SR4 (E) Willow Pass Grade Lowering, 1995
1402	SR4 (E) Bailey Road Interchange, 1996
1403	SR4 (E) Bailey Road to Railroad Avenue, 2001
2101	BART Extension to Pittsburg/Bay Point, 1996
3003	State Route 4 East Widening: Loveridge Road to Somersville Road, 2014
3110	Marsh Creek Trail Overcrossing at SR4, 1997
3112	Big Break Regional Trail, 2010

Measure J

2002	Pittsburg Civic Center Station, 2018
5001	State Route 4/State Route 160 Connector Ramps, 2016
5006	Vasco Road Safety Improvements Project – Phase 1, 2011
5010	SR4 Bypass: Segments 1 and 3, 2008
5002/5003	State Route 4: Widen to 4 Lanes – Laurel Road to Sand Creek Road Interchange, 2015
28003	Main Street Downtown Improvements – Vintage Parkway to O'hara Avenue, 2019

ACRONYMS AND ABBREVIATIONS

AB 1171	Assembly Bill 1171
ABAG	Association of Bay Area Governments
ARRA	American Recovery and Reinvestment Act of 2009
ATP	Active Transportation Program
BAIFA	Bay Area Infrastructure Financing Authority
CCWD	Contra Costa Water District
CMAQ	Congestion Mitigation and Air Quality Improvement Program
CMIA	Corridor Mobility Improvement Account
ECCRFFA	East Contra Costa Regional Fee and Financing Authority
EEMP	Environmental Enhancement and Mitigation
IIP	Interregional Improvement Program
IMD	Interstate Maintenance Discretionary Funds
HM7	Maintenance program for radio communications
LWCF	Land and Water Conservation Fund
LPP	Local Partnership Program in SB1
PPM	Planning, Programming, and Monitoring
RIP	Regional Improvement Program
RM 1	Regional Measure 1
RM 2	Regional Measure 2
PBTF	Pedestrian, Bicycle, and Trail Facilities (Measure J program)
RTIP	Regional Transportation Improvement Plan
SCCR	South Contra Costa Regional Fee
SHOPP	State Highway Operation and Protection Program
SLPP	State Local Partnership Program
STA	State Transit Assistance
STIP	State Transportation Improvement Program
TBD	To be determined (funding not currently identified)
TDA	Transportation Development Act
TE	Transportation Enhancement
TCRP	Traffic Congestion Relief Program
TIGER II	Transportation Investment Generating Economic Recovery II
TLC	Transportation for Livable Communities (Measure J program)
TVTDF	Tri-Valley Transportation Development Fee
WCCTAC	West Contra Costa Transportation Advisory Committee – Subregional Transportation Mitigation Program

Project **Interstate 680 Auxiliary Lanes, Segment 2 (# 1106S2)**
Sponsor Contra Costa Transportation Authority
Subregion Southwest County

Scope

Construct auxiliary lanes between Crow Canyon Road in San Ramon and Sycamore Valley Road in Danville along I-680 in both directions. The project is the last segment of auxiliary lanes in both directions of I-680 between Bollinger Canyon Road in San Ramon and Diablo Road in Danville.

Status

- The auxiliary lanes were opened to traffic in July 2014.
- The field work for the landscaping and first year of plant establishment was accepted by Caltrans at the end of April 2018.
- The Authority awarded a 4-year plant establishment and maintenance contract CT478 to Bortolussi & Watkin (B&W) on March 21, 2018. Work under this contract started on April 25, 2018.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Four-year plant establishment period is underway and will continue through April 2022. The plants and trees are doing well and have noticeably grown. The vines are starting to have good coverage on the walls.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	Complete
Post Construction	2015-2022

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$983
Planning	—
Environmental Clearance	—
Design	3,834
Right of Way and Utilities	10
Construction	27,664
Construction Management	4,336
Total	$36,827

Funding by Source ($ 000s)

	Amount
SCCR	$7,100
TVTDF	7,800
IMD	3,200
STIP	18,000
SLPP	1,000
Total	$37,100

Project Interstate 680 Auxiliary Lanes, Segment 2 (# 1106S2) – continued

Major Project Contracts Managed by Authority

Contract/ Resolution No.	Amend No.	Expiration Date	Agency Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
317	2	12/31/2020	Mark Thomas & Co.	Design Services for I-680 Auxiliary Lane –Segment 2	$3,705,000	$3,225,081	$3,515,000	87.1%	100%
336	9	12/31/2019 / Closed	MNS Engineers	Construction Management Services for I-680	$2,048,670	$2,030,220	$2,030,220	99%	100%
407	1	6/30/2018 / Closed	Bortolussi & Watkin, Inc.	Landscaping Contract	$1,769,152	$1,769,152	$1,769,152	100%	100%
478	—	5/25/2022	Bortolussi & Watkin, Inc.	Plant Establishment and Maintenance	$611,000	$402,080	$611,000	65.8%	63%

Project State Route 4 Mokelumne Bike Trail/Pedestrian Overcrossing (portion of # 5002)

Sponsor Contra Costa Transportation Authority
Subregion East County

Scope

Construct a pedestrian and bicycle overcrossing (POC) near the Mokelumne Trail at SR 4. The overcrossing will include a multi-span bridge with columns in the SR 4 median. The bridge approaches will be constructed on earthen embankments.

Status

- The CEQA clearance is complete.
- Project is in the final design and right of way (ROW) clearance phase.
- A Joint Exercise Powers Agreement (JEPA) between SR4 Bypass Authority (SR4BA), ECCRFFA, City of Brentwood and CCTA to define and establish the roles and responsibilities for the project was approved by the Authority Board in July 2020.

Issues/Areas of Concern

- Construction funding for the project has not been secured.
- The NEPA clearance, if needed, may be problematic.
- BART's eBART Next Segment Study identifies a potential future station in the vicinity of the Mokelumne Trail POC.

Update from Previous Quarterly Report

- The design team is working to complete final PS&E and obtain encroachment permit from Caltrans for construction.
- Agreement No. 553 with the East Contra Costa County Habitat Conservancy for Habitat Conservation Plan mitigation has been fully executed.
- Staff is working with ECCRFFA and MTC on the RM3 Letter of No Prejudice (LONP) process to advance funds for construction.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	2014-2020
Right of Way and Utilities	2018-2021
Construction	2021-2022
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$45
Planning	—
Environmental Clearance	—
Design	872
Right of Way and Utilities	1,380
Construction	8,845
Construction Management	1,025
Total	$12,167

Funding by Source ($ 000s)

	Amount
Measure J	$522
Measure J – BART	150
BART	200
ECCRFFA	1,270
TBD	10,025
Total	$12,167

Project State Route 4 Mokelumne Bike Trail/Pedestrian Overcrossing (portion of # 5002) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
358	3	12/31/2021	Mark Thomas & Company, Inc.	PS&E	$906,172	$883,002	$906,172	99%	97.8%
511	—	10/17/2021	East Contra Costa Irrigation District (ECCID)	ROW and Project Approval	$3,000	$3,000	$3,000	100%	100%
553	—	9/16/2022	East Contra Costa County Habitat Conservancy	Mitigation Plan	$54,877	$0	$54,877	0%	0%

Project State Route 4 Balfour Road Interchange – Phase 1 (# 5005)

Sponsor Contra Costa Transportation Authority/SR 4 Bypass Authority
Subregion East County

Scope

Construct a new SR 4 bridge crossing over Balfour Road in Brentwood providing one southbound and one northbound lane for SR 4; northbound and southbound SR 4 loop on-ramps, servicing both westbound and eastbound Balfour Road traffic; and northbound and southbound SR 4 diagonal off-ramps.

Status

- Project is in the construction closeout phase.
- The notice-to-proceed (NTP) for the construction contract was issued on February 6, 2017.
- Kinder Morgan, and AT&T utility relocation activities are complete.
- Ribbon cutting was held on December 10, 2018.
- All interchange paving work was completed in January 2019.
- East Contra Costa Regional Fee and Financing Authority is handling right-of-way closeout with support from the CCTA consultant team.
- Project team is closing out paperwork items with Caltrans.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- All field design changes had been approved by Caltrans Design and awaits final approval by Caltrans Construction, anticipated in December.
- Preparation of as-built plans is ongoing.
- Consultant is supporting the right-of-way closeout effort undertaken by the East Contra Costa Regional Fee & Financing Authority (ECCRFFA).
- Project History Files are being developed and reviewed. Completion is anticipated by end of 2020.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2017-2020
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$1,748
Planning	—
Environmental Clearance	483
Design	4,939
Right of Way and Utilities	14,150
Construction	40,675
Construction Management	8,613
Total	$70,608

Funding by Source ($ 000s)

	Amount
Measure J	$46,000
ECCRFFA	23,028
CCWD	1,580
Total	$70,608

Project SR 4 Balfour Road Interchange – Phase 1 (# 5005) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
354	4	6/30/2016 / Closed	Quincy Engineering	Design Services	$4,938,891	$4,938,823	$4,938,891	100%	100%
369	2	6/30/2018 / Closed	Kinder Morgan	Design and Long Lead Procurement	$3,530,000	$3,400,761	$3,400,761	96.3%	100%
404(1)	6	12/31/2020	PSOMAS	Construction Mgmt. Services	$7,200,226	$7,200,128	$7,200,226	99.8%	99%
410	2	6/30/2019 / Closed	PG&E	Joint Trench	$2,155,279	$2,022,353	$2,022,353	93.8%	100%
411	—	12/31/2017 / Closed	PG&E	Transmission Towers	$1,895,280	$1,007,946	$1,007,946	53%	100%
419	1	12/31/2018	East Contra Costa Co. Habitat Conservancy	Habitat Conservation Plan	$467,303	$465,185	$465,185	99.5%	100%
420	1	3/16/2021 Closed	Kinder Morgan	Pipeline/Facility Relocation	$7,237,500	$6,972,227	$6,972,227	96.3%	100%
427	—	12/31/2020	Brosamer & Wall/Bay Cities Joint Venture	Construction Services	$40,811,317	$40,499,343	$40,811,317	99%	100%
430(1)	6	6/30/2021	Quincy Engineering	Design Svcs during Construction	$1,402,655	$1,296,887	$1,402,655	92%	98.7%
436	—	12/31/2018 /Closed	AT&T	Utility Relocation	$400,410	$393,090	$393,090	100%	100%
441	1	3/16/2021/ Closed	Kinder Morgan	Pipeline Inspection/Monitoring	$390,000	$220,843	$390,000	56.6%	100%

(1) An amendment for date extension was approved by the Authority Board on December 16, 2020.

Project **State Route 239 (# 5007)**
Sponsor Contra Costa Transportation Authority/Contra Costa County
Subregion East County

Scope

State Route 239 (SR239) was first legislated in 1959 as a possible roadway linking SR4 in Brentwood to I-205 or I-580 west of Tracy. A Feasibility Study and a Project Initiation Document were completed in 2015. The current scope is to complete the preliminary engineering and environmental document (PAED) for SR239 to determine its alignment, complete the State Route Adoption process, and to identify and obtain environmentally approval for an initial segment to proceed with design and construction.

Status

- Feasibility Study and Project Initiation Document (PID) have been completed.
- The PAED contract has been awarded.

Issues/Areas of Concern

- Significant funding is needed to complete project.
- The proposed hybrid programmatic and project level PAED is new to Caltrans District 4. Staff is working with Caltrans to develop process for this unique approach aimed to fast track PAED completion and reduce costs.
- COVID-19 has significantly impacted traffic movement and the project team is developing an alternative approach to conduct traffic study for the project.
- The future SR239 alignment may include a segment of Vasco Road, recent Caltrans procedural changes will complicate the future route adoption process.
- Project team is coordinating with other projects in the project area to minimize potential conflicts.
- Caltrans is assessing whether another entity should be the CEQA lead agency.

Update from Previous Quarterly Report

- Consultant has begun work and is initially focusing on outreach, traffic, and design alternative analysis.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2020-2024
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$641
Planning	4,940
Environmental Clearance	10,361
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Construction Management	TBD
Total	$15,942

Funding by Source ($ 000s)

	Amount
Federal Earmarks	$12,306
Contra Costa County	3,635
Total	$15,942

Project State Route 239 (# 5007) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
541	—	12/31/2025	WSP USA Inc.	Project Approval & Environmental Document (PAED)	$10,360,589	$ 576,804	$10,360,589	6%	5%

Project Interstate 680/State Route 4 Interchange Improvement: State Route 4 Widening, Phase 3 (# 6001)

Sponsor Contra Costa Transportation Authority
Subregion Central County

Scope

Construct three-level interchange, as follows:

- Phase 1 – NB I-680 to WB SR 4 connector.
- Phase 2 – EB SR 4 to SB I-680 connector.
- Phase 3 – SR 4 widening: Morello Avenue to SR 242 and replacement of Grayson Bridge.
- Phase 4 – SB I-680 to EB SR 4 connector.
- Phase 5 – WB SR 4 to NB I-680 connector.

Due to a funding shortfall, Phase 3 will be constructed first. The remaining phases will be constructed as funding becomes available.

Status

- Phase 3 construction contract was awarded on October 17, 2018.
- The critical path work in constructing the Grayson Creek Bridge was completed on-schedule.

Issues/Areas of Concern

- Future phases are not fully funded.
- Due to the considerable number and magnitude of Issued/Potential Contract Change Orders over 85.2% of the contingency has been allocated, with 74% of the project completed
- Due to the significant number of Contract Change Orders, there may be impacts to the project schedule. Staff is working with the contractor to analyze the impacts.

Update from Previous Quarterly Report

- Phase 3 construction contract is 74% complete.
- The Stage 1 traffic switch was completed on May 30, 2020 shifting traffic to the newly constructed bridges over Grayson Creek.
- All bridges were substantially completed by the end of November, allowing for final Stage 2 traffic switch in December.
- Quality control and assurance issues have led to some rework; however, Authority staff has resolved the issues without impact to schedule or cost.
- Amendment No. 3 to Agreement No. 398 with Contra Costa County Flood Control was approved by the Authority Board on October 21, 2020 for additional services related to inspection and levee monitoring.
- Amendment No. 2 to Agreement No. 495 with WMH Corporation was approved by the Authority Board on September 16, 2020 for additional DSDC services.
- In December 2020, the CTC approved $18 million in SB1-TCEP funds for the design phase of Phase 1 and 2a.

Location

Schedule

	Phase 3	*Other Phases*
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	TBD
Right of Way and Utilities	Complete	TBD
Construction	2018-2021	TBD
Post Construction	2021-2022	TBD

Estimated Cost by Project Phase ($ 000s)

	Amount	
	Phase 3	*Other Phases*
Project Management	$1,700	$300
Planning	583	—
Environmental Clearance	2757	900
Design	10,111	41,700
Right of Way and Utilities	12,921	13,000
Construction	97,449	324,700
Construction Management	10,674	44,400
Total	$136,195	$425,000

Funding by Source ($ 000s)

	Amount	
	Phase 3	*Other Phases*
Measure J	$35,000	—
Measure C	17,300	—
STIP-RIP	23,900	—
SHOPP	21,596	—
LPP (formula)	4,799	—
LPP (competitive)	33,600	—
Regional Measure 3	—	$210,000
SB1 – TCEP		18,000
TBD	—	197,000
Total	$136,195	$425,000

Project Interstate 680/State Route 4 Interchange Improvement: State Route 4 Widening, Phase 3 (# 6001) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
372	6	12/31/2018 / Closed	WMH Corporation	Design	$10,015,789	$10,011,865	$10,011,865	99.9%	100%
398	3	12/31/2021	Contra Costa Flood Control	Hydraulic Evaluation and Permitting	$144,013	$127,159	$144,013	88%	88%
473	—	12/31/2021	The Hanna Group	Construction Management	$9,414,978	$5,811,421	$9,414,978	61%	74%
493	—	12/31/2018 / Closed	Elsie Gridley Mitigation Bank	Sale of Vernal Pool Establishment Credits	$606,150	$606,150	$606,150	100%	100%
494	—	12/31/2022	Elsie Gridley Mitigation Bank	Reservation of Vernal Pool Establishment Credits	$450,000	$171,000	$171,000	38%	90%
495	2	3/31/2021	WMH Corporation	Design Services during Construction	$1,541,849	$1,102,276	$1,541,849	71%	74%
496	—	6/30/2021 / Closed	Contra Costa Flood Control	Design on Lower Walnut Creek Restoration	$190,000	$190,000	$190,000	100%	100%
505	—	12/31/2022	Brosamer & Wall	Construction Services	$97,024,723	$72,751,108	$92,716,614	75%	74%

Project **State Route 242/Clayton Road Ramps (# 6002/6004)**
Sponsor City of Concord/Contra Costa Transportation Authority
Subregion Central County

Scope

Construct an interchange and local road improvements on SR 242 between I-680 and Concord Avenue to improve circulation within the Concord central business area. Improvements may include constructing an on-ramp and associated acceleration/weaving lane to northbound SR 242 near the intersection of Clayton Road and Market Street in Concord and an off-ramp and associated deceleration lane from southbound SR 242 near Clayton Road.

Status

- The Environmental Document (ED) was certified in December 2016 and the Project Report (PR) was approved in June 2017.

Issues/Areas of Concern

- The project has a significant funding shortfall.
- Conflicts between current project plan and recommendations from bicycle advocacy group will need to be addressed during final design.

Update from Previous Quarterly Report

- The project is on hold while funding for future phases is being identified.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$730
Planning	670
Environmental Clearance	2,400
Design	5,700
Right of Way and Utilities	16,200
Construction	40,200
Construction Management	6,800
Total	$72,700

Funding by Source ($ 000s)

	Amount
Measure J	$2,790
TBD	69,910
Total	$72,700

Project State Route 242/Clayton Road Ramps (# 6002/6004) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
321	4	9/29/2017 /Closed	WMH Corporation	Project Study Report/Project Development Support (PSR/PDS) and Project Approval/ Environmental Document (PA/ED)	$2,442,582	$2,442,499	$2,442,499	100%	PSR/PDS 100% PA/ED 100%

Project State Route 4 Operational Improvements: Interstate 680 to Bailey Road – Initial Phase (# 6006)

Sponsor Contra Costa Transportation Authority/City of Concord
Subregion Central County

Scope

Initial Phase (Eastbound):

1) Replace the existing acceleration lanes at Port Chicago Highway (PCH) on ramp with an auxiliary (Aux) lane from PCH on ramp to Willow Pass Road off ramp. 2) Extend this Aux lane from Willow Pass Road off ramp to Willow Pass Road on ramp. 3) Add second exit lane San Marco Blvd off ramp.

Future Phases (as funding becomes available):

Eastbound

B/w Port Chicago Hwy Interchange (I/C) and Willow Pass Rd I/C

1) Add Aux lane b/w PCH on ramp & Willow Pass Rd off ramp.

B/w Willow Pass Rd I/C and San Marco Blvd I/C

2) Add Aux lane b/w Willow Pass Rd on ramp & San Marco Blvd off ramp.

At San Marco I/C

3) Add new mixed flow lane from San Marco Blvd off ramp to San Marco Blvd on ramp.

B/w San Marco Blvd I/C and Bailey Rd I/C

4) Add Aux lane from San Marco Blvd loop on ramp to existing deceleration lane at Bailey Rd off ramp.

From SR 242 off ramp to Port Chicago Highway off ramp

5) Extend existing mixed flow lane from I-680 on ramp to PCH off ramp.

Westbound

At SR242/SR4 I/C

6) Modify one of the existing mandatory exit lanes to SR242 to an optional exit lane, allowing 3 lanes to both SR242 exit and WB SR4.

From Port Chicago Hwy I/C to Willow Pass Rd I/C

7) Add mixed flow lane from Willow Pass Rd on ramp to existing mainline lane just east of Port Chicago Hwy (PCH) off ramp.
8) Add second exit lane at Port Chicago Highway off ramp.
9) Add Aux lane from Willow Pass Road on ramp to second exit to PCH.

At Willow Pass Rd I/C

10) Add mixed flow lane b/w Willow Pass off ramp & Willow Pass on ramp.

B/w Willow Pass Rd I/C and San Marco Blvd I/C

11) Add Aux lane b/w San Marco Blvd on ramp and Willow Pass off ramp.

At San Marco Blvd I/C & b/w San Marco Blvd I/C and Bailey Rd I/C

12) Extend existing acceleration lane at Bailey Rd on ramp to existing Aux lane b/w San Marco on ramp & Willow Pass off ramp.

Status

- PSR-PDS was approved in May 2017. The Initial Phase of the project is in the Project Approval/Environmental Document (PA/ED) Phase.

Issues/Areas of Concern

- The Overall Project has significant funding shortfall.

Update from Previous Quarterly Report

- Project work is currently on hold until next steps to address SB 743 are determined and CCTA has a better understanding on COVID-19 impacts on Measure J revenues.

Location

Schedule

	Initial Phase	*Remaining Phases*
Planning	Complete	Complete
Environmental Clearance	2018-2021	TBD
Design	2021-2022	TBD
Right of Way and Utilities	2021-2022	TBD
Construction	2023-2025	TBD
Post Construction	—	TBD

Estimated Cost by Project Phase ($ 000s)

	Initial Phase	*Remaining Phases*
Project Management	$314	—
Planning	834	—
Environmental Clearance	1,800	$7,300
Design	7,500	22,900
Right of Way and Utilities	300	850
Construction	49,600	183,000
Construction Management	8,500	31,300
Total	$68,848	$245,350

Funding by Source ($ 000s)

	Initial Phase	*Remaining Phases*
Measure J	$2,949	—
STIP	7,500	$3,000
STP	1,100	—
TBD (shortfall)	57,299	242,350
Total	$68,848	$245,350

Project State Route 4 Operational Improvements: Interstate 680 to Bailey Road – Initial Phase (# 6006) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
391	4	12/31/2018 / Closed	Mark Thomas & Co.	Project Study Report/Project Development Support (PSR/PDS)	$640,000	$640,000	$640,000	100%	100%
499(1) (Task Order 1)	1	9/25/2022	Mark Thomas & Co.	Project Approval/ Environmental Document (PA/ED)	$1,603,529	$1,108,322	$1,603,529	69%	61%

(1) An amendment for date extension was approved by the Authority Board on September 16, 2020.

Project Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002)

Sponsor City of San Pablo/Contra Costa Transportation Authority
Subregion West County

Scope

Reconstruct the existing I-80/San Pablo Dam Road interchange (including modifications to the El Portal Drive and McBryde Avenue ramps) and provide improved pedestrian and bicycle facilities.

To match available funding, the project will be completed in two phases. The first phase will relocate the El Portal Drive on-ramp to westbound (WB) I-80 to the north, extend the auxiliary lane along WB I-80 between San Pablo Dam Road off-ramp and El Portal Drive on-ramp, and reconstruct the Riverside Avenue pedestrian overcrossing. Remaining improvements including the construction a new connector road on the west side of I-80 to connect SPDR to McBryde Avenue with a new bridge over Wildcat Creek, reconstructing the on- and off-ramps to SPDR, replacing the existing SPDR overcrossing with a 6-lane structure, and realigning Amador Street will be completed as part of the second phase when funding becomes available.

Status

- Construction of Phase 1 is complete.
- The new pedestrian overcrossing opened to the public on October 25, 2016.
- The new El Portal Drive on-ramp opened to traffic on Monday, February 20, 2017.
- The construction closeout process with Caltrans has been completed.
- Work on Phase 2 is on hold until funding is secured.

Issues/Areas of Concern

- Phase 2 has a significant funding shortfall.

Update from Previous Quarterly Report

- Right-of-way closeout process is underway and expected to be completed in December 2020.
- A legal claim against EBMUD is proceeding. On Sept. 22, 2020, the court ordered both parties to conduct mediation by end of January and return to court on March 17, 2021
- Amendment No. 7 to Agreement No 316 with URS (AECOM) was approved on Sept. 16, 2020 for additional support services and extension of termination date.
- Amendment No. 2 to Agreement No. 528 with Wendel Rosen was approved on Sept. 16, 2020 to provide additional legal services.
- Phase 2 project schedule has been updated based on the latest information.

Location

Schedule

	Dates	
	Phase 1	*Phase 2*
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	TBD
Right of Way and Utilities	Complete	TBD
Construction	Complete	TBD
Post Construction	—	TBD

Estimated Cost by Project Phase ($ 000s)

	Amount	
	Phase 1	*Phase 2*
Project Management	$399	$200
Environmental Clearance	2,239	—
Design	6,691	2,015
Right of Way and Utilities	7,971	14,000
Construction	22,200	56,500
Construction Management	3,006	8,035
Total	$42,506	$80,750

Funding by Source ($ 000s)

	Amount	
	Phase 1	*Phase 2*
Measure J*	$13,110	—
Local City	3,009	—
STIP-PPM	9	—
STIP	15,000	$9,200
RM2	8,000	—
ATP	2,000	—
WCCTAC	1,136	5,964
EBMUD	242	—
TBD	—	65,586
Total	$42,506	$80,750

*$1.1 million in Measure J was exchanged with STP funds from MTC.

Project Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
212	3	12/31/2010/ Closed	URS (now AECOM)	PA/ED	$2,238,684	$2,238,684	$2,238,684	100%	100%
316(1)	7	12/31/2021	URS (now AECOM)	Design	$6,721,000	$6,678,475	$6,721,000	99.3%	99.8%
330	11	12/31/2019/ Closed	MNS Engineers	CM/Utilities	$65,300	$64,421	$64,421	98%	100%
362	3	3/31/2025	Contra Costa County	Right of Way	$802,900	$789,876	$802,900	98.3%	99.9%
370	1	12/31/2025/ Closed	EBMUD	Design/Utilities	$499,590	$499,590	$499,590	100%	100%
381	1	3/31/2025	PG&E	Utilities/Electrical	$550,167	$529,469	$529,469	96%	100%
382	—	3/31/2025	AT&T	Utilities	$31,049	$0	$31,049	0%	100%
384	—	3/31/2025	PG&E	Utilities/Gas	$362,503	$35,327	$362,503	9%	100%
385	1	3/31/2025	EBMUD	Construction/Utilities	$2,647,750	$2,470,260	$2,470,260	96%	100%
386	—	3/31/2025	WCWD	Utilities	$6,250	$5,845	$6,250	91%	100%
415	2	12/31/2018/ Closed	The Hanna Group	Construction Services	$2,869,102	$2,869,098	$2,869,098	100%	100%
416	1	12/31/2018/ Closed	Brosamer & Wall	Construction	$22,200,000	$21,929,657	$21,929,657	100%	100%
432	—	12/31/2017/ Closed	California Conservation Corps	Construction	$28,530	$0	$0	0%	0%
528	2	6/30/2022	Wendel & Rosen	Legal Services	$130,000	$79,450	$130,000	61%	40%

(1) Design Support During Construction (DSDC) task was added to contract and funded from savings on completed tasks.

Project Interstate 80/Central Avenue Interchange Improvements (# 7003)

Sponsor City of Richmond/Contra Costa Transportation Authority
Subregion West County

Scope

Improve overall traffic operations at the I-80/Central Avenue interchange and along Central Avenue between Rydin Road and San Pablo Avenue. The project will be completed in two phases.

The first phase will redirect left turns from westbound Central Avenue onto westbound I-80 to the adjacent I-580 eastbound on-ramp at Rydin Road during weekend peak hours; and will install traffic signals at the I-580 ramps.

The second phase will increase the spacing between the signalized intersections east of I-80 by connecting Pierce Street and San Mateo Street, converting Pierce Street access at Central Avenue to "right-in, right-out," and relocating the traffic signal at Pierce Street/Central Avenue to the San Mateo Street/Central Avenue intersection.

Status

- Phase 1 construction activities are complete.
- Phase 2 (Local Roads Realignment project) is managed by the City of Richmond. Environmental Clearance phase is currently underway with completion expected in 2020.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

Phase 1:

- Project has been accepted by Caltrans.
- The Notice of Completion was signed by the County November 2020.

Phase 2:

- City is continuing to work on the environmental document and preliminary design plans.
- Due to the delay in completing the environmental phase, the City will be submitting an extension request to the CTC in March or May 2021 to delay the allocation date for the STIP funds programmed for the Right of Way phase.
- Schedule has been updated based on the latest information.

Location

Schedule

	Phase 1	*Phase 2*
Planning	Complete	Complete
Environmental Clearance	Complete	2016-2021
Design	Complete	2019-2020
Right of Way and Utilities	—	2020-2022
Construction	Complete	2022-2023
Post Construction	—	—

Estimated Cost by Project Phase ($ 000s)

	Amount	
	Phase 1	*Phase 2*
Project Management	$805	—
Planning	—	—
Environmental Clearance	1,253	$500
Design	1,122	2,000
Right of Way and Utilities	25	6,500
Construction	4,370	5,500
Construction Management	681	—
Total	$8,256	$14,500

Funding by Source ($ 000s)

	Amount	
	Phase 1	*Phase 2*
Measure J	$7,556	$3,442
Federal Earmark	—	—
WCCTAC	—	700
STIP	—	7,773
Future MTC Commitment	—	2,800
City of Richmond	700	—
Total	$8,256	$14,715

Project Interstate 80/Central Avenue Interchange Improvements (# 7003) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Expiration Date	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
214	—	12/31/2013 / Closed	PB Americas, Inc.	Project Study Report (PSR) and Project Approval/ Environmental Document (PA/ED)	$1,571,815	$1,224,251	$1,224,251	78%	100%
406	6	12/31/2020 / Closed	WSP USA Inc. (formerly PB Americas, Inc.)	Plans, Specifications, and Estimates (PS&E)	$1,130,207	$1,130,207	$1,130,207	100%	100%
445	—	12/31/2017 / Closed	UPRR	Right of Entry	$20,000	$2,699	$2,699	14%	100%
453	5	12/31/2020 / Closed	Ghirardelli Associates	Construction Management Services	$714,799	$713,773	$713,773	99.8%	100%
463	—	12/31/2019	Ghilotti Brothers	Construction	$4,326,948	$4,216,658	$4,216,658	97.4%	100%

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Expiration Date	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
16-50-P	10/19/2016	1	10/18/2022	City of Richmond	PA/ED, Design, and ROW	$2,970,000	$815,245	9/6/2019

Project Interstate 680 HOV Completion and Express Lanes Project (# 8001)

Sponsor Contra Costa Transportation Authority/MTC/Caltrans
Subregion Central County

Scope

Construct a high occupancy vehicle (HOV) lane on southbound I-680 between North Main Street in Walnut Creek and Rudgear Road in Alamo and convert the HOV lane to an express lane on southbound I-680 from just south of Marina Vista Avenue in Martinez to Rudgear Road in Walnut Creek.

Status

- Construction contract 491 was awarded to Bay Cities Paving & Grading, Inc. on July 18, 2018. Project is now under construction and the Authority is administering the construction contract.
- MTC will administer the construction contract for the installation of the Express Lane equipment.
- Cost estimate does not include TransCore work currently estimated at $12 million, which will be entirely funded by BAIFA.
- Express lane opened as HOV 2+ on August 22, 2020.

Issues/Areas of Concern

- Schedule delays on the 880 Express Lanes Project may impact TransCore's installation schedule. Project team is working closely with MTC and MTC is actively coordinating with TransCore to ensure that they have adequate crews to cover the work.

Update from Previous Quarterly Report

- Civil construction is 97% complete as of October 31, 2020.
- Toll System equipment installation in the median is progressing. Due to ongoing coordination with civil punch list items, completion of the toll system installation is likely delayed until February 2021. Corridor testing will commence in February 2021 with final test to end the beginning of March.
- Caltrans provided concurrence on the Replacement Planting design. The construction change order (CCO) to perform the work is finalized and planting was completed November 2020.
- Amendment No. 2 to Agreement No. 454 with Contra Costa County was approved on Sept. 16, 2020 for additional ROW closeout support services.
- Amendment No. 1 to Agreement No. 497 with HDR was approved on Sept. 16, 2020 for additional DSDC services and to extend the termination date.
- Amendment No. 1 to Agreement No. 448 with WSP was approved on Dec. 16, 2020 to provide support during landscape period, and extension of term.
- Construction progress can be followed at https://680xpresslanesproject.com/home/.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2018-2021
Post Construction	2021-2022

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$1,945
Planning	—
Environmental Clearance	8,400
Design	9,820
Right of Way and Utilities	400
Construction	76,575
Construction Management	15,860
Total	$113,000

Funding by Source ($ 000s)

	Amount
Measure J*	$40,000
RM2	19,400
STIP/RIP	15,600
BAIFA**	38,000
Total	$113,000

*$6.49 million is expected to be paid back by TVTC in FY2024 and FY2025.

** BAIFA will also fund TransCore work estimated at $15 million bringing total funding to $128 million.

Project Interstate 680 HOV Completion and Express Lanes Project (# 8001) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
320	—	12/31/2014 / Closed	Parsons	Feasibility Study/ Environmental Clearance for I-680 HOV Completion	$2,492,550	$2,395,267	$2,395,267	96%	100%
376	7	12/31/2019 / Closed	HDR Engineering, Inc.	Feasibility Study/ Env. Clearance / PS&E for Express Lanes and Design for I-680 HOV Completion	$12,470,000	$12,268,973	$12,268,973	98.3%	100%
448	1	12/31/2023	WSP/Parsons Brinckerhoff	Construction Management Services	$8,886,664	$7,502,153	$8,886,664	84%	90%
454	2	12/31/2020	Contra Costa County	ROW Acquisition Services	$53,000	$47,580	$53,000	90%	90%
462	—	12/31/2018 / Closed	PG&E	Utilities	$20,000	$20,000	$20,000	100%	100%
476	—	9/20/2018 / Closed	ArborWorks, Inc.	Construction Services/Tree Removal	$688,723	$635,272	$635,272	99%	100%
479, 480, 481, 482, 483, 484	—	12/31/2021	PG&E	Construction of Service Points on behalf of Caltrans	$50,000	$50,000	$50,000	100%	100%
491	—	12/31/2021	Bay Cities	Construction Services	$71,048,085	$68,713,719	$71,048,085	96%	97%
497	1	12/31/2023	HDR Engineering, Inc.	DSDC/ Landscape PS&E	$1,450,078	$1,021,160	$1,450,078	70%	71%

Project *Innovate 680* – Strategic Development (# 8009.01)

Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

Implement the following strategies:

Strategy No. 1: Cool Corridor "Hot Spots"

Improve congestion "hot spots" caused by high-volume weaving areas around N. Main Street, Lawrence Way, Treat Blvd, and other locations south of SR 24 (Livorna Road, etc.). This strategy will be completed with Strategy 2 since they are interdependent.

Strategy No. 2: Complete HOV/Express Lanes

Eliminate the gap in existing carpool lanes in the NB direction and convert to an express lane to increase efficiency.

Strategy No. 3: Increase Efficiency of Bus Service

Increase bus service efficiency by improving express bus service, implementing part-time transit lanes (PTTL), and increasing technology-based intermodal transit centers/managed park & ride lots.

Strategy No. 4: Innovative Operational Strategies

Deploy a suite of technology-based solutions to maximize the efficiency of the roadway system integrating adaptive ramp metering, integrated corridor management, incident management, and decision support systems.

Strategy No. 5: Prepare Corridor for the Future

Prepare corridor to accommodate the evolution of CV applications and AV technologies for improved traffic flow by building new and upgraded vehicle-to-infrastructure and vehicle-to-vehicle communications.

Strategy No. 6: Provide First Mile/Last Mile Connections

Implement Shared Autonomous Vehicles (SAVs) to improve transit connectivity and to shift travelers from Single Occupant Vehicles (SOVs).

Strategy No. 7: Enhance TDM Strategies

Provide enhanced 511 mobile app providing options to make informed decisions about mode choice, travel time, and cost per trip.

Multiple projects will implement the above strategies, as follows:

	Express Lane Comp 8009.02	Part-Time Transit 8009.03	Shared Mobility Hub 8009.04	Mobility On Demand 8009.05	Adv Tech 8009.06	Automated Driving Systems 8009.07
Strategy 1	X					
Strategy 2	X					
Strategy 3		X	X			
Strategy 4				X	X	
Strategy 5					X	X
Strategy 6					X	X
Strategy 7				X	X	

Status

- Projects are in planning and project development phases.
- Due to COVID-19 impacts on Measure J revenues, work on the PTTL and SMH projects has been temporarily suspended.

Issues/Areas of Concern

- The application of SB 743 for traffic analyses and mitigation remains a concern as it could negatively impact project schedules and costs.
- Differences in approach between Caltrans HQ and District 4 ATMS procurements may lead to delivery and operational inefficiencies.

Program Updates from Previous Quarterly Report

- Evaluated existing conditions along I-680 to determine feasibility of Coordinated Adaptive Ramp Metering and have developed a concept for Phase I implementation of Advanced Technologies project.
- Developed an annotated outline for Program Con Ops, along with a system architecture diagram and user scenarios
- Completed stakeholder engagement meetings with each local jurisdiction.

Location

Schedule

	Dates
Planning	2017-2021
Environmental Clearance	2019-2022
Design	2021-2024
Right of Way and Utilities	2021-2024
Construction	2021-2027
Post Construction/Demonstration	2022-2025

*Based on Program schedule through 2022, Technology and SMH not yet defined

Estimated Cost by Phase ($ 000s)

	Strategic Development 8009.01	*Innovate 680 Program Total***
Project Management	$5,546	$40,100***
Planning	2,387	5,375
Environmental Clearance	—	22,659
Design	—	41,499
Right of Way and Utilities	—	17,500
Construction Mgmt.	—	54,583
Construction	—	386,044
Total	$7,933	$567,760

**operations costs estimated at $18 million/year not included
***includes $30M budget for 8009.07 ADS not yet broken down by phase

Funding by Source ($ 000s)

	Strategic Development 8009.01	*Innovate 680 Program Total*
Measure J[1]	$7,933	$19,000
STMP (TVTD)	—	2,000
MTC (STP)	—	14,195
Measure J (TLC)	—	1,500
SB1-LPP Formulaic	—	8,832
Regional Measure 3	—	85,000
Federal Grants	—	16,600
In-Kind Contributions	—	20,971
TBD (shortfall)	—	399,662
Total	$7,933	$567,760

Project *Innovate 680* – Strategic Development (# 8009.01) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
435	4	6/30/2019 / Closed	Stantec	Program Management	$494,601	$494,601	$494,601	100%	100%
524	—	6/30/2021	KEI	Funding & Financial Srvs	$22,000	$14,168	$22,000	64%	60%
526	—	6/30/2022	AMG	Program Management (IDEA)	$92,320	$72,320	$92,320	78%	78%
527 – TO201	—	12/31/2020	DKS Associates	TDM & Traffic Operations – Strategic Development	$200,031	$146,655	$200,031	73%	62%
527 – TO302	—	12/31/2022	DKS Associates	TDM & Traffic Operations – Data Strategy	$60,090	$40,785	$60,090	68%	62%
529 – TO1.01 & 2.1	—	6/30/2021	Convey Inc.	Public Engagement	$578,178	$305,469	$789,000	53%	53%
530 – TO1.01	—	6/30/2021	WSP USA	Corridor/System Mgmt.	$3,241,587	$1,264,136	$3,852,300	39%	30%
535 – 5a-TO1 & 5d-TO1	—	6/30/2021	AMG	Corridor Support	$205,000	$110,853	$410,000	54%	54%
536 – TO1	—	6/30/2024	GPA	Corridor Environmental Srvs	$170,131	$79,341	$400,000	47%	47%

Project ***Innovate 680* – I-680 Express Lane Completion (# 8009.02)**
Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

The Interstate 680 (I-680) Express Lane Completion project is Strategy No. 2 of the *Innovate 680 Program* to complete the HOV/Express Lanes. The project proposes to construct a northbound express lane to close or reduce the existing gap from Livorna Road to just north of I-680/State Route 242 (SR242) and convert the existing HOV lane between SR242 and Marina Vista Avenue to an express lane.

Status

- The Project Study Report/Project Development Study (PSR/PDS) for the I-680 NB Express Lane project (Strategies 1 & 2) was approved in January 2019. Environmental Clearance work started in July 2019. Currently in the alternatives screening process.
- The Traffic Operations Methodology Memo was approved by Caltrans.
- A 45-day online public scoping period was completed in July 2020.

Issues/Areas of Concern

- Significant funding is needed to complete project.

Update from Previous Quarterly Report

- The project team continues to work on alternative screening, including review of comments received from public scoping and on-going coordination with BART and other stakeholders.
- The project team continues to perform preliminary traffic operations analysis, which will help inform and further develop project alternatives.
- The project team submitted to Caltrans a memorandum to formally eliminate from further analysis the PID Alternative 1B.
- The project team has received verbal agreement from Caltrans District 4 and Headquarters staff on VMT analysis methodology. The team is developing a VMT Analysis Methodology Memorandum for Caltrans review.
- Existing Conditions Report, Traffic Model Calibration & Validation Memorandum and Travel Demand Model Validation Memorandum are being reviewed by Caltrans staff.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2019-2023
Design	2023-2025
Right of Way and Utilities	2023-2025
Construction	2025-2027
Post Construction	—

Estimated Cost by Phase ($ 000s)

	Amount
Project Management	—
Planning	$410
Environmental Clearance	16,741
Design	31,449
Right of Way and Utilities	5,500
Construction Mgmt.	43,000
Construction	292,900
Total	$390,000

Funding by Source ($ 000s)

	Amount
Measure J[1]	$4,657
MTC (STP)	14,195
SB1-LPP Formulaic	2,286
Regional Measure 3	75,000
TBD (shortfall)	293,862
Total	$390,000

[1]$4 million in Measure J funds was exchanged for STP funds.

Project *Innovate 680* – I-680 Express Lane Completion (# 8009.02) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
500-TO2	1	10/17/2022	HDR Engineering	Environmental On-Call Srvs	$250,000	$20,056	$250,000	8%	8%
520	—	7/1/2023	HDR Engineering	Environmental & Engineering	$8,205,578	$1,520,498	$8,205,578	18%	20%
527-TO301	—	12/31/2022	DKS Associates	Traffic Data Collection	$283,000	$282,994	$282,994	100%	100%
527-TO401	—	12/31/2022	DKS Associates	Travel Forecasting	$395,660	$114,825	$395,660	29%	8%
527-TO501	—	12/31/2022	DKS Associates	Traffic Operations	$354,400	$217,089	$354,400	61%	45%
529 – TO1.03 & 2.3	—	6/30/2021	Convey Inc.	Public Engagement	$100,000	$54,324	$130,000	54%	79%
530 – TO1.02 & 2.02	—	6/30/2021	WSP USA	Corridor/System Mgmt.	$438,244	$161,818	$500,000	37%	37%
535-5c-TO1	—	6/30/2021	AMG	Encroachment Permits / ROW	$55,000	$12,604	$250,000	23%	8%
536-TO2	—	6/30/2021	GPA	Corridor Environmental Srvs	$85,438	$12,582	$200,000	15%	10%

Project ***Innovate 680* – I-680 Part-Time Transit Lane (# 8009.03)**
Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

Strategy No. 3 of the *Innovate 680 Program* is to Increase Efficiency of Bus Service to encourage mode shift in the corridor and improve transit travel time reliability. Part-time transit lanes are a key component of this strategy. The intent of the I-680 Part-Time Transit Lane pilot project is to gauge the usage of, and impacts from, allowing bus on shoulder operations on I-680 between Bollinger Canyon Road in San Ramon to Ygnacio Valley Road in Walnut Creek. The origin-destination is from Bishop Ranch Business Park to the Walnut Creek BART Station.

Status

- Preliminary engineering work is on hold until Caltrans releases their guidelines and COVID-19 impacts on Measure J revenue are identified.

Issues/Areas of Concern

- A part-time transit only lane on the shoulder may require special legislation to restrict use to specific transit agencies and allow CHP enforcement. At this time, the vehicle code does not differentiate between public transit and other buses.
- Caltrans is in the process of developing statewide guidelines for transit lanes which will shape the operations in the corridor. The delay in finalizing the guidelines could impact the project schedule.
- Due to the uncertainty of the financial impacts to CCTA resulting from COVID-19 and lack of guidelines from Caltrans the Program has suspended work on the Part-time Transit Lanes for the time being.

Update from Previous Quarterly Report

- Project was put on hold effective June 29, 2020. The Authority is assessing COVID-19 impacts on Measure J funding and awaiting the release of Caltrans guidelines related to part time lane use.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2019-2021
Design	2021-2022
Right of Way and Utilities	2021-2022
Construction	2022-2023
Post Construction/Demonstration	2023-2025

Estimated Cost by Phase ($ 000s)

	Amount
Project Management	$275
Planning	669
Environmental Clearance	1,518
Design	997
Right of Way and Utilities	—
Construction Mgmt.	1,100
Construction	5,900
Total	$10,459

Funding by Source ($ 000s)

	Amount
Measure J	$3,659
Regional Measure 3	6,800
TBD (shortfall)	—
Total	$10,459

Project *Innovate 680* - I-680 Part-Time Transit Lane (# 8009.03) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
517	—	6/30/2022	Kimley-Horn (KHA)	Environmental Services	$2,000,000	$352,676	$2,000,000	17%	17%
529-TO1.02 & 2.02	—	6/30/2020	Convey Inc.	Public Engagement	$85,000	$3,682	$105,000	4%	5%
530-1.03	—	6/30/2020	WSP USA	Corridor/System Mgmt.	$50,744	$29,444	$200,000	58%	58%

Project ***Innovate 680* – I-680 Shared Mobility Hubs (# 8009.04)**
Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

Strategy No. 3 of the *Innovate 680 Program* is to Increase Efficiency of Bus Service to encourage mode shift in the corridor and improve transit travel time reliability. Located at strategic places such as Park-and-Ride facilities along the I-680 corridor, the Shared Mobility Hubs (SMH) will provide commuters with access to multimodal transportation options. Features of the SMHs may include enhanced waiting areas with landscaping and lighting; complimentary Wi-Fi; real-time travel information; pedestrian amenities; designated bike lanes and parking; dedicated bus lanes and supporting signal improvements; service facilities for shared cars, scooters, and electric vehicles; smart parking technology; curbside management for Transportation Network Companies (TNCs); transfer platforms from micro-transit to express bus; and connection protection.

Status

- Project has been temporarily suspended due to COVID-19 impacts on Measure J revenues.

Issues/Areas of Concern

- Significant funding is needed to complete project.

Update from Previous Quarterly Report

- No updates for this quarter due to temporary suspension of the project.

Location

Schedule

	Dates
Planning	2020-2021
Environmental Clearance	TBD
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Post Construction	—

Estimated Cost by Phase ($ 000s)

	Amount
Project Management	$250
Planning	725
Environmental Clearance	1,040
Design	1,500
Right of Way and Utilities	12,000
Construction Mgmt.	3,500
Construction	39,000
Total	$58,015

Funding by Source ($ 000s)

	Amount
Measure J	$1,015
Measure J (TLC)	1,500
Regional Measure 3	3,200
TBD (shortfall)	52,300
Total	$58,015

Project *Innovate 680* – I-680 Shared Mobility Hubs (# 8009.04) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
529	—	6/30/2024	Convey Inc.	Public Engagement	$55,000	$3,223	$55,000	7%	7%
530	—	6/30/2024	WSP USA	Corridor/System Mgmt.	$57,487	$12,456	$57,487	21%	20%
532	—	12/31/2020	Kimley-Horn (KHA)	Study	$527,228	$52,643	$527,228	10%	15%

Project ***Innovate 680* – Bay Area MOD / MaaS (# 8009.05)**
Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

Strategy No. 4 of the *Innovate 680 Program* is to provide enhanced 511 mobile app providing options to make informed decisions about mode choice, travel time, and cost per trip.

Status

- The COOP with FHWA was executed on February 11, 2020. Since then, the Authority approved several contracts with major partners and consultants initiating the System Engineering Planning and Design.
- FHWA reviewed and approved the Systems Engineering Review Form (SERF).
- Comments on Draft System Engineering Management Plan (SEMP) were received from FHWA and were addressed.

Issues/Areas of Concern

- Due to COVID-19, partners are experiencing financial constraints that may impact the in-kind contribution to the project. Additionally, project schedule is impacted by the slower feedback from partners due to shift in priorities.

Update from Previous Quarterly Report

- System Engineering requirements for the rideshare and Public Transit packages are underway.
- Application development for the Micromobility and Transit packages are underway.
- Procurement plans for several vendors including Micromobility vendors are being developed.
- Discussion with Transportation Network Companies and Carshare vendors are underway.
- Responses to FHWA comments on Project Evaluation Plan are complete.
- Concept of Operations (ConOps) was submitted to FHWA in November 2020.
- Project cost and funding have been updated based on the latest information.

Location

Schedule

	Dates
Planning	—
Environmental Clearance	2020-2022
Design	2020-2022
Right of Way and Utilities	—
Construction	2021-2023
Post Construction	2022-2023

Estimated Cost by Phase ($ 000s)

	Amount
Project Management	$2,819
Planning	—
Environmental Clearance	425
Design	2,152
Right of Way and Utilities	—
Construction Mgmt.	473
Construction	12,070
Total	$17,939

Funding by Source ($ 000s)

	Amount
Measure J	$968
ATCMTD	8,000
In-Kind Contributions	8,971
TBD (shortfall)	—
Total	$17,939

Project *Innovate 680* – Bay Area MOD / MaaS (# 8009.05) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
539	—	6/30/2023	AMG	Project Management, Systems Documents &Design, Deployment, and Reporting	$3,499,536	$677,121	$3,499,536	19%	18%
547	—	2/10/2023	BART	Systems Design, Integration, Application Implementation, Deployment and Testing	$7,023,062	$0	$7,023,062	0%	10%
548	—	5/20/2023	AAA	Provide SAV, Testing of Application	$2,707,040	$0	$2,706,970	0%	0%
549	—	6/30/2023	UC Berkeley TSRC	Develop and Implement the Project Evaluation Plan, Reporting	$250,000	$0	$250,000	0%	20%

Project *Innovate 680* – Advanced Technology (# 8009.06)

Sponsor Contra Costa Transportation Authority
Subregion Central and Southwest County

Scope

Strategy No. 4 of the *Innovate 680 Program* is to deploy a suite of technology-based solutions to maximize the efficiency of the roadway system integrating adaptive ramp metering, integrated corridor management, incident management, and decision support systems. The *Innovate 680* - Advanced Technology project will implement technology-based solutions to maximize efficiency of I-680 from Alcosta Boulevard Interchange to Marina Vista Interchange.

Status

- Project is in planning and project development phase.

Issues/Areas of Concern

- Significant funding is needed to complete project.
- Significant stakeholder buy-in is necessary for several components of the project, including regional and local agency support for the highway and supporting arterial road network improvements.
- As the ConOps are being developed with the various parties involved, O&M agreements will need to be discussed and eventually executed.
- Differences in approach between Caltrans HQ and District 4 ATMS procurements may lead to delivery and operational inefficiencies.

Update from Previous Quarterly Report

- The project team completed the coordinated adaptive ramp metering (CARM) evaluation from SR-24 to Alcosta Blvd northbound and southbound and are developing tech memos for scope, budget, and schedule for a CARM Demonstration project within these limits. In partnership with Caltrans, the team is looking for opportunities to integrate the CARM approach into the existing Caltrans Ramp Metering Project.
- The Systems Management team, in coordination with public engagement efforts via the TAC, is continuing to host TAC-ConOps workshops to aid the development of the Program ConOps, including an Advanced Technologies (CARM) Part 2 presentation in October and an Operational Scenarios presentation in December.
- Project cost and funding, as well as schedule, have been updated based on the latest information.

Location

Schedule

	Dates
Planning	2017-2020
Environmental Clearance	2021-2022
Design	2022-2024
Right of Way and Utilities	2022-2024
Construction	2024-2025
Post Construction	—

Estimated Cost by Phase ($ 000s)

	Amount
Project Management	$65
Planning	1,184
Environmental Clearance	2,900
Design	5,400
Right of Way and Utilities	—
Construction Mgmt.	6,500
Construction	36,000
Total	$52,049

Funding by Source ($ 000s)

	Amount
Measure J	$549
STMP (TVTD)	2,000
TBD (shortfall)	49,500
Total	$52,049

Project *Innovate 680* – Advanced Technology (# 8009.06) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
529	—	6/30/2021	Convey Inc.	Public Engagement	$40,000	$0	$70,000	0%	5%
530	—	6/30/2021	WSP USA	Corridor/System Mgmt.	$24,631	$1,744	$167,732	7%	9%

Project **State Route 4 Integrated Corridor Management (ICM) (# 28002)**
Sponsor Contra Costa Transportation Authority
Subregion East County

Scope

Use state-of-the-practice Intelligent Transportation System (ITS) technologies to enhance the effectiveness of the existing transportation system along State Route 4 (SR 4) and parallel/crossing arterials between State Route 160 and Interstate 80. Project elements include the following:

- Operational strategies based on real-time traffic conditions along the corridor (a.k.a. Decision Support System)
- Adaptive ramp metering
- Incident management with speed harmonization
- Traffic and transit Information System
- Arterial and transit improvements
- Connected Vehicle (CV) applications/technologies
- Integration with the I-80 ICM

The SR 4 ICM may be combined with one or more packages of the SR 4 Operational Improvements (Project 6006).

Status

- Project was awarded a FHWA Integrated Corridor Management Planning Grant.
- Completed SEMP 2 System Requirements Concepts of Operations report.

Issues/Areas of Concern

- Must compete for additional grants:
  a) $6 million for Phase 2 implementation
  b) $4.75 million CV Pilot Deployment

Update from Previous Quarterly Report

- Project is on hold pending future funding.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2018-2020
Design	2019-2020
Right of Way and Utilities	2019-2020
Construction	2020-2022
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$2,250
Planning	340
Environmental Clearance	530
Design	2,175
Right of Way and Utilities	555
Construction	8,550
Construction Management	750
Total	$15,150

Funding by Source ($ 000s)

	Amount
Measure J	$200
FHWA	200
Measure J (Planning Funds)	200
TBD	14,750
Total	$15,350

Project State Route 4 Integrated Corridor Management (ICM) (# 28002) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
435	—	6/30/2019 / Closed	Stantec	Project Management	$315,000	$315,000	$315,000	100%	100%

Project State Route 4 Widening: Somersville Road to State Route 160 (# 3001/1407)

Sponsor Contra Costa Transportation Authority/Caltrans
Subregion East County

Scope

Widen SR 4 East to eight lanes (three mixed flow lanes and one high occupancy vehicle lane in each direction) from Somersville Road to Hillcrest Avenue (plus auxiliary lanes) including a wide median for transit; and to six lanes (three mixed flow lanes in each direction) from Hillcrest Avenue to the interchange with SR 160 and the new SR 4 Bypass.

The project was constructed in five segments:

- Segment 1: Somersville Road to Contra Loma Blvd.
- Segment 2: Contra Loma Blvd. to A St./Lone Tree Way.
- Segment 3A: A St./Lone Tree Way to Hillcrest Ave.
- Segment 3B: Hillcrest Ave. to SR 160.
- Corridor-wide: Landscaping.

Status

Segment 1 – Somersville Interchange

- Segment was open to traffic in December 2013.

Segment 2 – Contra Loma Interchange & G St. Overcrossing

- Construction began in March 2012 and was completed in February 2016.

Segment 3A – A Street Interchange & Cavallo Undercrossing

- Construction began August 2012 and accepted May 2017.

Segment 3B – Hillcrest Avenue to SR 160

- Construction began in March 2013 and was substantially completed in September 2016 and closeout activities are ongoing. Bike safety improvements have been implemented.

Corridor-wide

- Ribbon cutting ceremony held on July 20, 2016.

Corridor Landscaping

- Contract 1 (Loveridge to Century) bids were opened in December 2017. Construction has been completed. The plant establishment period has begun and ends in August 2021.
- Contract 2 (Somersville to Cavallo) was advertised on March 12, 2018 and construction has been completed. The plant establishment period has begun and ends in September 2022.
- Contract 3 (Hillcrest to Laurel Rd. & on SR 160) bids were opened in December 2018 and construction have been completed. The plant establishment period has begun and ends in November 2022.

Issues/Areas of Concern

- The project ROW closeout process is complex. Closeout for the Railroad, Loveridge and Somersville Interchange is complete. The current effort focuses on the Bailey & Contra Loma Interchanges. Additional ROW engineering work is needed to address BART expansion projects and easements for irrigation lines to reduce construction costs. The Caltrans Cooperative Agreement ROW engineering was amended in September 2020.

Update from Previous Quarterly Report

- COVID-19 has impacted ROW timeline for closeout and sales of excess ROW at Tregallas Road and Lindberg Street, previously scheduled for spring of 2020 has been deferred.
- BART's bike path plans have been approved by Caltrans and this allows the final ROW line to be determined.

Location

Schedule

	Dates
Planning	—
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction (highway)	Complete
Construction (landscape)	2018-2020
Post Construction	2017-2023

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	—
Preliminary Studies/Planning	—
Environmental Clearance	$400*
Design	36,600
Right of Way and Utilities	65,300
Construction	210,200
Construction Management	63,800
Total	$375,800

*Under project 1406/3003

Funding by Source ($ 000s)

	Amount
Measure C	$31,900
Measure J	91,800
CMIA	67,300
STIP/RIP	38,500
Federal (SAFETEA-LU)	1,600
Federal Earmark (other)	1,100
SLPP	24,200
Bridge Tolls (e-BART median)	64,000
Measure J (e-BART median)	26,000
Bridge Tolls (e-BART structures)	12,700
Measure J (e-BART structures)	14,900
City	1,800
Total	$375,800

Project State Route 4 Widening: Somersville Road to State Route 160 (# 3001/1407) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
183	—	Closed	Mark Thomas & Co.	Strategic Planning Study	$78,432	$78,432	$78,432	100%	100%
202	5	12/31/2012 / Closed	Mark Thomas & Co.	Final Design	$6,310,895	$6,310,895	$6,310,895	100%	100%
203	6	6/30/2012 / Closed	BKF Engineers	Final Design	$7,197,373	$7,197,373	$7,197,373	100%	100%
204	8	12/31/2012 / Closed	T.Y. Lin International	Final Design	$15,491,438	$15,491,438	$15,491,438	100%	100%
208	8	6/30/2022	Contra Costa County Real Property	ROW Acquisition Svcs. /Closeout	$7,948,054	$7,585,085	$7,948,054	95.4%	96.5%
211	10	12/31/2018 / Closed	Harris & Associates	Corridor Integration Team	$3,719,411	$3,719,300	$3,719,300	99.9%	100%
219	1	12/31/2010 / Closed	PB Americas	Construction Management	$93,058	$93,058	$93,058	100%	100%
270	2	6/30/2014 / Closed	Vali Cooper & Assoc.	Construction Management	$3,630,881	$3,630,881	$3,630,881	100%	100%
271	6	6/30/2016 / Closed	Jacobs	Construction Management	$5,133,375	$4,926,777	$4,926,777	96%	100%
284	4	6/30/2016 / Closed	Scott Systems, Inc.	Architectural Treatment	$328,840	$328,014	$328,014	100%	100%
305	1	6/30/2015 / Closed	Mark Thomas & Co.	Design Svcs During Construction	$625,000	$617,560	$617,560	99%	100%
Misc.*	1	12/31/2025 / Closed	PG&E & AT&T	Utility Relocation	$2,592,208	$2,592,208	$2,592,208	100%	100%
327	6	6/30/2021	BKF Engineers	Design Svcs During Construction	$1,409,500	$1,370,420	$1,391,704	97.2%	98.9%
330	10	12/31/2019 / Closed	MNS Engineers**	Construction Management	$10,991,025	$10,964,193	$10,964,193	99.9%	100%
332	1	12/31/2016 / Closed	Jacobs Project Management Co.	Construction Management	$5,084,360	$4,267,954	$4,267,954	83.9%	100%
339	6	12/31/2020	T.Y. Lin International	Design Svcs During Construction	$2,684,155	$2,660,321	$2,684,155	99.1%	100%
350	—	5/16/2020	BART	Construction Services	$9,000,000	$8,818,702	$8,818,702	98%	100%
351	—	6/30/2018	Bay Cities Paving	Construction – Segment 3B	$56,113,358	$53,096,972	$53,096,972	94.6%	100%

*Only open contracts shown **MNS Engineers contract includes $65,300 for San Pablo Dam Road work

Project Hercules Rail Station (# 4001)

Sponsor City of Hercules
Subregion West County

Scope

Construct a passenger rail station (including interim parking, station building, signage, bus plaza, etc.) and track-related improvements (including retaining walls and signal equipment in Hercules). The City of Hercules now commonly refers to this project as the "Hercules Intermodal Transit Center Project" to scope the project for bus, rail and ferry transit service. This multi-modal center would unite the Amtrak intercity rail (Capitol Corridor and San Joaquin Corridor), WestCAT local and regional buses and the Water Emergency Transportation Authority trans-bay ferry service with additional access for cars, pedestrians, and bicyclists.

Due to the high cost and limited funding, the project will be completed in several stages as follows:

- Bay Trail (East): Construct Bay Trail from Refugio Creek to Victoria by The Bay ($10.9M).
- Path to Transit: Construct sewer improvements, Refugio Greenway/Creekside Trail, John Muir Parkway (Phase II) and Bayfront Boulevard ($17.6M).
- Bay Trail (West): Construct Bay Trail from Sante Fe to Bayfront ($1.9M)
- Fuel Pipe Relocation: Relocate oil pipelines, fiber optic line and construct retaining walls for utilities ($22.8M).
- Track and Signal Work: Construct railroad bridge, track, and signal work, retaining wall for rail station, ($24.8M).
- Initial Rail Station: Construct rail station building, and Transit Plaza ($7.9M).
- Trails and Plazas: Remaining Bay Trail/Civic Plaza ($4.1M).

Status

- Construction of Bay Trail (East) is complete.
- Construction of "Path to Transit" is complete.
- Construction of Bay Trail (West) is complete.
- Construction of the interim bus station is complete
- The Capitol Corridor Joint Powers Authority (CCJPA) approved designating Hercules as a "Candidate Station" on February 12, 2020.

Issues/Areas of Concern

- Project has significant funding shortfall.
- Capitol Corridor has yet to agree to add Hercules as a stop along its route. However, on February 13, 2019 the CCJPA approved a new Train Station Policy. The City received Candidate Station designation under this new policy on February 12, 2020, which will facilitate competing for grant funding.
- Funding secured can only be used on specific stages, increasing risk for funding loss.

Update from Previous Quarterly Report

- Design of the remaining project phases is underway. City is working to finalize the Utility Relocation Phase to bid ready.

Location

Schedule

	Bay Trail (East)	*Path to Transit*	*Bike Trail (West)*	*Remaining Phases*
Planning	—	—	—	—
Env. Clearance	Complete	Complete	Complete	Complete
Design	Complete	Complete	Complete	TBD
Right of Way and Utilities	Complete	Complete	Complete	TBD
Construction	Complete	Complete	Complete	TBD
Post Construction	Complete	Complete	Complete	—

Estimated Cost by Phase ($ 000s)

	Bay Trail (East)	*Path to Transit*	*Bike Trail (West)*	*Remaining Phases*
Project Management	—	—	—	—
Planning	—	—	—	—
Env. Clearance	—	—	—	—
Design*	$2,800	$3,100	$175	$13,400
Right of Way and Utilities	—	—	—	17,900
Construction	8,061	14,502	1,750	28,300
Total	$10,861	$17,602	$1,925	$59,600

*Includes environmental clearance, project & construction management

Funding by Source ($ 000s)

	Bay Trail (East)	*Path to Transit*	*Bike Trail (West)*	*Remaining Phases*
Measure J	$508	$3,568	—	$2,572*
Measure – TLC	—	1,240	—	500
Measure J – PBTF	—	600	—	—
OBAG	—	—	$1,705	—
Local	1,000	4,959	—	—
STIP	3,882	4,118	—	—
STIP – TE	1,959	—	—	—
TIGER II	1,465	—	—	—
Bay Trail	198	—	—	—
East Bay Reg. Park	564	570	220	—
TCRP	—	700	—	—
STMP	—	1,000	—	750
Other	1,285	847	—	—
TBD (shortfall)	—	—	—	55,778
Total	$10,861	$17,602	$1,925	$59,600

*2.162 million has been used to acquire ROW and $400,000 is appropriated for public outreach.

Project Hercules Rail Station (# 4001) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
383	1	12/31/2016 / Closed	Ghirardelli Associates, Inc.	Construction Management	$1,262,000	$1,262,000	$1,262,000	100%	100%

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
12-08-P	3/12/2012	3	6/30/2022	Hercules	Construction—Path to Transit and Bay Trail (East)	$4,076,000	$3,673,739	6/30/2020
12-06-P*	7/20/2012	2	3/21/2015 / Closed	Hercules	Right of Way	$2,162,000	$2,162,000	7/20/2012
15-42-G	7/15/2015	—	7/1/2024 / Closed	Hercules	Construction—Bay Trail (Part of Path to Transit)	$1,240,000	$1,240,000	12/30/2017
15-43-G	7/15/2015	—	7/1/2024 / Closed	Hercules	Construction—Creekside Trail Gap Closure (Part of Path to Transit)	$600,000	$600,000	12/08/2017
16-34-P	7/20/2016	—	7/20/2019 / Closed	Hercules	Public Outreach and Agency Coordination	$400,000	$400,000	1/19/2018
19-45-G	9/18/2019	_	9/18/2022	Hercules	Design- Remaining phases in-cluding Station Building	$500,000	$70,135	8/27/2020

*City must repay Authority no later than July 1, 2024 if Station Building construction doesn't start by July 1, 2022.

Project Bollinger Canyon Road – Iron Horse Trail (IHT) Bicycle Pedestrian Overcrossing (# 120025)

Sponsor Contra Costa Transportation Authority/City of San Ramon
Subregion Southwest County

Scope

The Bollinger Canyon Road – IHT Bicycle Pedestrian Overcrossing project proposes the construction of a unique cable stayed bridge over Bollinger Canyon Road in the City of San Ramon. It will enhance safety for pedestrians and bicyclists using the Iron Horse Trail, improve traffic flow on Bollinger Canyon Road, facilitate alternative transportation, and enhance recreation. The project construction will be procured using the Construction Manager/General Contractor (CM/GC) alternative delivery method. The completed project will become part of the IHT.

Status

- Project is in the beginning stage of the design phase.
- CEQA environmental clearance has been obtained and the NEPA clearance was obtained in April 2020.

Issues/Areas of Concern

- Construction for a cable-stayed bridge requires complex staging. The CM/GC procurement method was adopted to optimize design based on contractor's expertise, and to better manage project risks.
- Recent cost escalations in Bay Area may increase project cost. The current budget includes a reserve for escalation. The design process also incorporates more robust cost estimating and management process to minimize possibility of cost overrun.
- The COVID-19 related Health Order may impact availability of Measure J TLC Cycles 3 and 4 funds.
- A project oversight agreement with Caltrans, FHWA and the City of San Ramon had been approved for the use of the CM/GC delivery method, which is relatively new for federally funded local projects.

Update from Previous Quarterly Report

- The design phase began in June 2020.
- A Request for Qualifications (RFQ) for the CM/GC contract was approved on May 20, 2020 and the RFQ was released on July 23, 2020. Five proposals were received. A preconstruction services contract was awarded to Myers – Shimmick in November 2020 after approvals from Caltrans and FHWA.
- In November 2020, Authority and the City of San Ramon approved a fund exchange agreement to accelerate the project funding.
- COVID-19 impacts on construction cost and labor are unknown at this time.
- Project funding has been updated based on the latest information.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2020-2021
Design	2021-2022
Right of Way and Utilities	2021-2022
Construction	2022-2023
Post Construction	—

Estimated Cost by Project Phase ($ 000s)

	Amount
Project Management	$460
Planning	209
Environmental Clearance	277
Design	3,306
Right of Way and Utilities	900
Construction	14,625
Construction Management	1,969
Total	$21,746

Funding by Source ($ 000s)

	Amount
Federal (OBAG)	$4,840
STIP	9,200
TFCA	390
Measure J (TLC Cycles 1 & 2)	3,131
San Ramon (General Funds)	2,000
San Ramon (Other Funds)	2,185
Total	$21,746

Project Bollinger Canyon Road – Iron Horse Trail Bicycle Pedestrian Overcrossing (# 120025) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2020)	Estimate at Completion	Percent Billed	Percent Physically Complete
526	—	6/30/2022	Advanced Mobility Group	Project Management	$344,782	$121,237	$344,782	35%	35%
544	—	11/28/2023	Myers-Shimmick	Pre-Construction Services	$350,000	$0	$350,000	0%	0%
545	—	12/31/2025	COWI North America, Inc.	Design and Engineering Services	$2,766,082	$424,511	$2,766,082	21%	17%
546	—	12/31/2022	Tricertus LLC	Independent Cost Estimate	$210,000	$4,265	$210,000	2%	1%

Project Pacheco Boulevard Widening (# 1216/24003)

Sponsor Contra Costa County/City of Martinez
Subregion Central County

Scope

Widen Pacheco Boulevard from Blum Road to Morello Avenue, construct a railroad overcrossing, and allow for bicycle lanes, sidewalks, a median, two-way center turn lanes, and landscaping, where appropriate. The project may be completed in phases to match the funding as follows.

Phase 1 (County)
Blum Road to South Martinez city limits: Widen to two through lanes in each direction and a two-way left-turn lane.

Phase 2 (City)
South Martinez city limits to North Martinez city limits: Widen to two through lanes in each direction.

Phase 3 (County)
Realign the roadway in the vicinity of the Burlington Northern Santa Fe Railroad tracks, including the new overcrossing.

Phase 4 (County)
North Martinez city limits to Arthur Road: Widen to two through lanes in each direction and a two-way left-turn lane.

Status

- An alignment study was completed in June 2017. A constructability study at the BNSF tracks to evaluate the feasibility and costs associated with a temporary and permanent shoe-fly was completed in July 2020.
- A sub-project to widen Pacheco Blvd. at Vine Hill Creek to add sidewalks and bike lanes was completed in November 2018.
- A sub-project to improve Pacheco Blvd at Arnold Drive and install a traffic signal is in the project development phase. This project also includes street widening and utility relocation and undergrounding from Arnold Drive to Sunrise Drive.
- Measure C funds were used to environmentally clear a portion of the project near the railroad overcrossing and acquire part of the Right-of-Way.

Issues/Areas of Concern

- A significant funding shortfall exists to complete entire project.
- Coordination with the State and BNSF is required to replace the railroad overcrossing.

Update from Previous Quarterly Report

Widening at Arnold Drive

- Utility coordination with PG&E continues for the relocation and potential undergrounding of overhead facilities from Arnold Drive to Sunrise Drive. Utility relocation is tentatively planned by the City of Martinez for completion by June 30, 2021 but schedule may be delayed.
- The City is assessing the possibility of securing funding for the project from several nearby planned developments.
- Remaining Measure J funds not yet appropriated for the project may be impacted by COVID-19.

Location

Schedule

	Widening at Vine Hill Creek	*Widening at Arnold Drive*	*Remaining Phases*
Planning	Complete	2018-2020	TBD
Environmental Clearance	Complete	2018-2020	TBD
Design	Complete	2018-2020	TBD
Right of Way and Utilities	Complete	2020-2021	TBD
Construction	Complete	2021-2022	TBD
Post Construction	—	—	TBD

Funding by Source ($ 000s)

	Widening at Vine Hill Creek	*Widening at Arnold Drive*	*Remaining Phases*
Measure J	—	$1,400	$5,200
Martinez Area of Benefit	—	—	1,200
Measure C*	$173	113	—
Tosco/Solano Fund	—	—	5,200
ATP	619	—	—
Other Local	87	15	—
TBD (shortfall)	—	1,972	22,300
Total	$879	$3,500	$33,900

*In addition to amounts shown, $1,794,000 in Measure C was appropriated and spent to environmentally clear and acquire right-of-way near the railroad track. In addition, $410,663 in Measure C was appropriated to complete an alignment study and $73,884 for traffic and constructability study.

Project Pacheco Boulevard Widening (# 1216/24003) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
01-12-P	7/18/2001	1	Closed	Contra Costa County	Design Services	$493,675	$493,675	Prior to 2009
02-17-P	7/17/2002	—	Closed	Contra Costa County	Project Management	$429,522	$429,522	Prior to 2009
02-18-P	7/17/2002	—	Closed	Contra Costa County	Right-of-Way Acquisitions	$871,071	$871,071	5/19/2010
15-13-P	4/15/2015	1	4/15/2018 / Closed	City of Martinez	Study	$410,663	$410,663	7/03/2017
17-17-P	5/17/2017	2	5/17/2020 / Closed	Contra Costa County	Environmental Clearance, Design, and ROW services	$172,818	$172,818	3/25/2019
17-41-P	9/20/2017	1	9/20/2020 / Closed	City of Martinez	Environmental Clearance, Design, and ROW Services	$112,996	$112,996	5/31/2018
18-14-P	4/18/2018	1	4/17/2022 / Closed	Contra Costa County	Constructability and Traffic Study	$73,884	$73,884	03/05/2020
18-36-P	6/20/2018	—	6/20/2021 / Closed	Contra Costa County	Construction Phase	$0	$0	—

Project East County Rail Extension (eBART) (# 2001/2101)

Sponsor Contra Costa Transportation Authority/BART
Subregion East County

Scope

Extend rail service eastward from the Pittsburg/Bay Point BART Station to Hillcrest Avenue within the median of SR 4 (Project 1). In addition, the parking lot at Antioch BART station at Hillcrest Avenue will be expanded by 800 spaces (Project 2).

Status

- Project #1: Revenue service started in May 2018.
- Project #2: Currently in the construction phase. Notice to Proceed issued to O.C. Jones on January 24, 2020. Mobilization was anticipated in March 2020. However, due to COVID-19, field activities were delayed to May 21, 2020.

Issues/Areas of Concern

- None

Update from Previous Quarterly Report

- Project #1: Complete.
- Project #2: The project is currently about 50% complete and has experienced subsequent delays due to the late issuance of the Caltrans encroachment permit required for the Option 1 bike path work along Slatten Ranch Road. The project is expected to be completed in late winter 2021.

Location

Schedule

	Dates	
	Project #1	*Project #2*
Preliminary Studies/ Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	Complete
Right of Way and Utilities	Complete	Complete
Construction	Complete	2020-2021
Landscaping	—	—

Funding by Source ($ 000s)

	Amount	
	Project #1	*Project #2*
Measure J	$134,447	$5,080*
BART	2,700	4,300
T-Plus	1,000	—
Prop 1B	37,000	—
Bridge Tolls (RM2, RM1, AB1171)	268,400	3,620
ECCRFFA	32,000	3,000
STA	300	—
TCRP	5,250	—
STIP/RIP	13,000	—
Other	11,191	—
Total	$505,288	$16,000

*$1.825 million is from Measure J BART Access Category

Project East County Rail Extension (eBART) (# 2001/2101) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
09-59-P	12/16/2009	2	12/31/2014 / Closed	BART	Transfer Platform	$20,000,000	$20,000,000	1/13/2014
12-15-P	5/16/2012	3	2/21/2018 / Closed	BART	Rail Procurement	$18,254,106	$18,254,106	6/08/2016
12-16-P	5/16/2012	3	6/30/2019 / Closed	BART	Automatic Fare Collection Equipment	$4,000,000	$4,000,000	8/19/2019
12-53-P	9/19/2012	2	6/30/2019 / Closed	BART	Destination Sign Procurement	$700,000	$700,000	9/13/2019
12-54-P	9/19/2012	1	9/19/2018 / Closed	BART	Sanitary Sewer Contract	$500,000	$500,000	2/15/2018
13-23-P	6/19/2013	2	6/30/2019 / Closed	BART	Design Services	$442,679	$442,679	2/26/2018
13-24-P	6/19/2013	2	6/30/2020 / Closed	BART	Construction Management	$15,000,000	$15,000,000	7/22/2019
13-25-P	6/19/2013	1	12/31/2017 / Closed	BART	Switch Machines Procurement	$600,000	$600,000	6/30/2017
13-49-P	11/20/2013	2	2/21/2021 / Closed	BART	Maintenance Facility Completion	$33,594,960	$33,594,960	7/23/2019
18-60-P	10/17/2018	—	10/17/2021	BART	Construction	$3,257,320	$0	—
18-61-P	10/17/2018	—	10/17/2021	BART	Construction	$1,824,611	$0	—

Project Martinez Intermodal Station (# 4002/2208A/27001)

Sponsor City of Martinez
Subregion Central County

Scope

Acquire the warehouse property north of the existing intermodal facility; demolish the existing structures; construct a parking facility to provide 175 replacement parking spaces and up to 425 additional parking spaces for use by train patrons, along with improved roadway access from Ferry Street; construct a pedestrian overcrossing above the Union Pacific Railroad facilities (to provide pedestrian access from the new parking facility to the station building); and construct a vehicle bridge over Alhambra Creek to provide a second connection to the parking facility near Berrellesa Avenue.

Status

- The Intermodal Phase 3 project is substantially complete.
- The pedestrian overcrossing is being constructed with the Ferry Street Improvements.
- Construction completion is delayed to the end of 2020 due to material fabrication issues.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The City and the project architect are looking for other vendors due to delays in the fabrication and installation of the elevator.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2017-2020
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$10,865
STIP	5,500
Measure C	855
Total	$17,220

Project Martinez Intermodal Station (# 4002/2208A/27001) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
11-10-P	9/21/2011	2	12/31/2018 / Closed	City of Martinez	Design	$1,035,000	$1,028,606	8/19/2015
14-48-P	10/15/2014	1	10/15/2020	City of Martinez	Design	$116,700	$112,402	5/31/2018
07-01-PJ	5/16/2007	—	5/16/2010 / Closed	City of Martinez	Right of Way	$5,419,768	$5,419,768	10/27/2008
11-32-P	9/21/2011	1	9/20/2020 / Closed	City of Martinez	Right of Way	$169,322	$169,322	5/31/2018
08-03-PJ	12/17/2008	—	12/17/2011 / Closed	City of Martinez	Construction	$124,110	$124,110	8/15/2011
13-28-P	7/17/2013	—	7/16/2016 / Closed	City of Martinez	Construction	$887,123	$887,123	4/16/2014
13-29-P	7/17/2013	1	7/17/2016 / Closed	City of Martinez	Construction	$843,096	$843,096	8/19/2015
17-22-P	5/17/2017	—	5/17/2020	City of Martinez	Construction	$2,044,904	$758,498	4/30/2020
19-13-P	4/17/2019	—	4/17/2022 / Closed	City of Martinez	Construction and Construction Mgmt.	$628,000	$628,000	5/01/2019

Project Electronic Bicycle Facilities – Central County BART Stations (# 10001-04)

Sponsor BART
Subregion Central County

Scope

Install secure bicycle parking spaces at Concord, North Concord, Walnut Creek, and Pleasant Hill BART stations. The bicycle parking area design will include signage and other enhancements to create an inviting and functional bicycle parking area.

Status

- Pleasant Hill bike parking improvements are complete.
- Concord Station's secure bike parking improvements are complete and include: 88 BikeLink lockers, 18 Bikeep smart racks and 30 bike rack spaces in the paid area of the station.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Bicycle stair channels are still planned for the Walnut Creek Station and the balance of appropriated Measure J funds will be used for bike parking enhancements within the upcoming Concord Station Modernization project. Work is scheduled to be complete in Spring of 2021.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2010-2020
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$1,805
BART	150
Total	$1,955

Project Electronic Bicycle Facilities – Central County BART Stations (# 10001-04) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
10-03-P	1/20/2010	4	12/31/2022	BART	Design and Construction	$1,805,000	$1,354,936	6/30/2019

Project Walnut Creek BART TOD Access Improvements Project (# 10001-08)

Sponsor BART
Subregion Central County

Scope

The scope of the project is to design and construct public access improvements at the Walnut Creek BART Station connecting to the transit-oriented development (TOD), Transit Village, and to help create a sense of "place" in the station area. Improvements to the area immediately outside the existing fare gates and beneath the elevated guideway will be aimed at enhancing sightlines, passenger safety, a sense of place and station accessibility, while reducing fare evasion. Improvements will create a more welcoming, convenient, accessible, and iconic BART station. These improvements may include public access paths and plazas, upgraded station and platform lighting, dynamic parking signage, bicycle facilities, additional vertical circulation, security features, landscaping, and other public improvements to accommodate and promote growing ridership and the new TOD.

Status

- PS&E for Phase 1 of the project to expand vertical circulation and increase emergency egress capacity, are in progress and being coordinated with the Transit Village plans. Phase 1 consists of widened platforms and new general-purpose stairs for each platform at north end of the station. Phase 1 will also relocate the ADA sidewalk from the east side to the west side of the emergency vehicle access paseo due to platform widening support columns on the east side and to better connect the pick-up/ drop-off area to the station faregates.

Issues/Areas of Concern

- The project must coordinate funding with STIP funding timelines.
- Construction costs have increased at least 35% since 2011, leading to PS&E challenges for Phase 1.
- Funding shortfall for future phases.

Update from Previous Quarterly Report

- The 100% design is complete.
- Project schedule has been updated based on the latest information.
- Remaining Measure J funds not yet appropriated for the project may be impacted by COVID-19.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2017-2020
Design	2017-2020
Right of Way and Utilities	—
Construction	2022-2024
Post Construction	—

Funding by Source ($ 000s)

	Amount
BART Funds	$400
Measure RR	1,100
Measure J – BART	3,850
STIP	5,300
Total	$10,650

Project Walnut Creek BART TOD Access Improvements Project (# 10001-08) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
17-10-P	3/15/2017	1	3/15/2023	BART	Design	$1,850,000	$350,000	05/06/2020

Project **Electronic Bicycle Facilities at West Contra Costa BART Stations (# 10002-03)**
Sponsor BART
Subregion West County

Scope

Install 92 secure bicycle parking spaces at the El Cerrito del Norte, El Cerrito Plaza, and Richmond BART stations. Design bicycle parking area to include signage and other enhancements to create an inviting and functional facility.

Status

- To date, a total of 128 spaces have been installed at El Cerrito Plaza, El Cerrito del Norte, and Richmond stations.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The BART Board of Directors granted approval for a single-source procurement of 6 eLocker quads (24 spaces) for El Cerrito Plaza station on November 19, 2020. Installations of the eLockers are scheduled for early 2021.
- Schedule has been updated based on the latest information.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2019-2021
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$402
Total	$402

Project Electronic Bicycle Facilities at West Contra Costa BART Stations (# 10002-03) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
10-04-P	1/20/2010	5	6/30/2021	BART	Design and Construction	$402,000	$366,998	5/15/2018

Project Hercules Transit Center Improvements (# 10002-06)

Sponsor BART/City of Hercules
Subregion West County

Scope

This project will provide safety improvements and customer amenities at the Hercules Transit Center. Specifically, the project will provide improvements to the pedestrian crosswalk along Willow Avenue, upgrade the electrical system, upgrade lighting, and add emergency telephones and windscreens for the comfort of the passengers. The facility is owned by BART.

Status

- Final Design for the bus shelter wind screens is complete.
- Bids for construction have been received.
- Once additional Measure J funds are received ($200k), progress on the project will continue.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Project is on hold due to pause on Measure J fund appropriation.

Location

Schedule

	Dates
Planning	—
Environmental Clearance	Complete
Conceptual & Final Design	Complete
Right of Way and Utilities	Complete
Construction	2020-2021
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$275
Total	$275

Project Hercules Transit Center Improvements (# 10002-06) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
19-58-P	11/20/2019	—	11/19/2022	BART	Design	$75,000	$19,871	6/30/2020

Project El Cerrito del Norte BART Station Modernization (# 10002-07)

Sponsor BART
Subregion West County

Scope

This project will expand the existing paid area, add new elevators and stairs, station agent booth, restrooms, and additional fare equipment. In addition, the project will upgrade the station lighting, the intermodal waiting area, refinish surfaces and add paint, security cameras and pedestrian lighting along the Ohlone Greenway.

Status

- Bids were opened on December 6, 2016. Contract was awarded to Clark Construction Group.
- Project is in the construction phase.

Issues/Areas of Concern

- Monitoring potential COVID 19 impacts to both budget and schedule

Update from Previous Quarterly Report

- Construction is approximately 80% complete.
- Bus Island and bus lane reconstruction are complete and opened to bus transit operators.
- Substantial construction completion is estimated to be Summer 2021.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2017-2021
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J – BART	$11,503
Measure J – TLC	2,120
Measure J – PBTF	280
WCCTAC	1,000
Prop 1B	21,550
BART General Fund	547
Total	$37,000

Project El Cerrito del Norte BART Station Modernization (# 10002-07) – continued

Local Agency Project Contracts

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
16-17-P	5/18/2016	1	12/31/2020	BART	Construction	$11,503,000	$10,969,990	2/19/2020

Project **Lafayette BART Bike Station (# 10003-03)**
Sponsor BART
Subregion Southwest County

Scope

This project will design and construct a Bike Station, providing secure bicycle parking for up to 125 bicycles, at the Lafayette BART station. A Bike Station is an enclosed, sheltered space with bicycle racks and a controlled access system.

Status

- Design is complete.
- The project is on hold due to uncertainty regarding allocation of Measure J funds for construction.
- This project will be constructed with City of Lafayette's Town Center Pathway project.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- BART and the City of Lafayette await a decision on Measure J funding allocation from CCTA.
- Project schedule has been updated based on the latest information.

Location

Schedule

	Dates
Planning	—
Environmental Clearance	—
Design	2016-2020
Right of Way and Utilities	—
Construction	2021-2022
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$600
BART	100
Total	$700

Project Lafayette BART Bike Station (# 10003-03) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
18-02-P	1/17/2018	—	1/17/2021	BART	Design	$25,000	$25,000	06/30/2020

Project Kirker Pass Road Truck Lanes – Northbound (# 24004)

Sponsor Contra Costa County
Subregion Central County

Scope

Add a truck climbing lane in the northbound direction along Kirker Pass Road from Clearbrook Drive in the city of Concord to the eastern intersection with Hess Road in unincorporated Contra Costa County. Pavement widening will occur on the east side of the roadway to provide a 12-foot truck lane and 8-foot paved shoulder. Widening will require construction of six retaining walls due to existing slopes and drainage adjacent to the roadway. The project also includes pavement rehabilitation involving a 0.10-foot asphalt grind and overlay on both the north and southbound lanes of Kirker Pass Road between the City of Concord/County limits to approximately 4,200 feet north of North Hess Road for a total of about 1.6 miles. The total project length is about 2 miles.

Status

- The project is in the construction phase.
- Construction contract was awarded in February 2019.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Construction phase is 90% complete.
- Construction is expected to be complete by the end of December 2020.
- Project will be moved to the completed list in the next update.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2019-2020
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$6,351
STIP-RIP	2,650
State Match Funds	1,993
OBAG2	1,343
Local Funds	8,963
Total	$21,300

Project Kirker Pass Road Truck Lanes – Northbound (# 24004) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
14-03-P	2/19/2014	2	2/20/2022 / Closed	Contra Costa County	Design, Environmental Clearance, and ROW	$2,176,619	$2,176,619	11/26/2018
19-03-P	2/20/2019	—	2/20/2022	Contra Costa County	Construction	$4,174,381	$4,174,381	04/14/2020

Project St. Mary's Road–Rheem Boulevard and Bollinger Canyon Road Roundabouts (# 24014)

Sponsor Town of Moraga
Subregion Southwest County

Scope

Based on the analysis of sight distance, Level of Service and queuing under existing and cumulative conditions, the Town of Moraga proposes to construct a pair of roundabouts on St. Mary's Road at the Rheem Boulevard and Bollinger Canyon Road intersections. This would provide operational improvement under existing and cumulative traffic volumes, reduce hazards caused by the existing inadequate sight distance, and promote slowdown of vehicles as they move through the roundabout intersections. The roundabouts will provide additional benefits of reducing vehicle queuing and reducing driver delay. Potential conflicts with pedestrians and bicycles will be reduced with the roundabouts by allowing pedestrians to only need to cross one lane of traffic at a time, while having the ability to wait in the refuge island until there is a break in traffic. Bicyclists traveling through the roundabouts will also benefit by allowing them to take up the travel lane as bicyclists will be traveling near the speed of the vehicles (since roundabouts are designed to be traveled at 20 mph). The project also improves pedestrian and bicycle connectivity with the addition of the new sidewalk and crossings.

Status

- The project is in environmental clearance and preliminary engineering phase expected to be complete in April 2021.
- The Measure J funding for the project has been fully expended.

Issues/Areas of Concern

- No funding has been identified for phases beyond the current phase.

Update from Previous Quarterly Report

- Preliminary engineering activities continue.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2017-2021
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$464
Lamorinda Fee and Finance Authority	141
TBD	6,595
Total	$7,200

Project St. Mary's Road – Rheem Boulevard and Bollinger Canyon Road Roundabouts (# 24014) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
17-08-P	3/15/2017	—	3/15/2023	Town of Moraga	Environmental Services and Preliminary Design	$464,000	$464,000	6/20/2020

Project Canyon Road Bridge Replacement (# 24016)

Sponsor Town of Moraga
Subregion Southwest County

Scope

Replace the existing structurally deficient, 104-foot long multi-span bridge with a new 40-foot wide bridge including a sidewalk on one side. The new bridge will provide a safe, economical structure that meets current design criteria and the needs of today's users. In addition, the new bridge will meet the functional requirements for vehicles, pedestrians and bicycles that travel over the bridge, and meet the hydraulic design criteria for the creek flow underneath the bridge.

Status

- Project is in the construction phase.
- A separate tree removal contract was awarded in December 2019 in advance of the bridge construction contract.
- The HBP-funded bridge construction contract was awarded in February 2020.
- The northbound lane of the bridge is Phase 1 of the construction with the southbound lane and pedestrian and bicycle access in Phase 2.

Issues/Areas of Concern

- The project funding plan includes a shortfall of $144 thousand (resulting in a reduced contingency for construction).

Update from Previous Quarterly Report

- Construction activities continue.
- Town of Moraga submitted Letter of No Prejudice for remaining Measure J funds.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2020-2022
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$438
Measure J Return to Source	780
Federal Highway Bridge Program	10,508
TBD	144
Total	$11,870

Project Canyon Road Bridge Replacement (# 24016) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
14-13-P	4/16/2014	1	4/30/2021 / Closed	Town of Moraga	Design	$76,442	$76,422	7/12/2018

Project Norris Canyon Road Safety Improvements (# 24023)

Sponsor Contra Costa County
Subregion Southwest County

Scope

Installation of a guard rail is warranted on Norris Canyon Road west of Ashbourne Drive where the roadway is immediately adjacent to San Catanio Creek. To minimize environmental impact and avoid filling the creek bank to construct road shoulders, the proposed safety project includes construction of a retaining wall to allow for widened shoulders and support a safety rail to keep motorists from leaving the roadway. The project includes installation of a safety rail/guard rail just west of Ashbourne Drive on Norris Canyon Road to the Contra Costa County limits.

Status

- Preliminary engineering and environmental studies are underway. CEQA approval is expected in the 2021/22 timeframe.

Issues/Areas of Concern

- The project is adjacent to San Catanio Creek which requires mitigation and permitting activities.
- The project has a funding shortfall.

Update from Previous Quarterly Report

- Preliminary engineering activities continued.
- The availability of the balance of Measure J funding not yet appropriated is subject to the Allocation Plan being developed by the Authority.
- Project funding has been updated based on the latest information.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	2020-2021
Design	2021-2022
Right of Way and Utilities	—
Construction	2022-2023
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$1,489
Local Road Funds	890
TBD	721
Total	$3,100

Project Norris Canyon Road Safety Improvements (# 24023) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
19-46-P	9/18/2019	—	9/17/2022	Contra Costa County	Environmental Clearance, Design and Right of Way	$726,000	$31,725	6/30/2020

Project Danville Boulevard/Orchard Court Complete Streets Improvements (# 24024)

Sponsor Contra Costa County
Subregion Southwest County

Scope

To enhance safety and mobility of non-motorized travel along Danville Boulevard and Stone Valley Road throughout the business district. The project will construct a roundabout at the Danville Boulevard/Orchard Court intersection. The roundabout will include curb extensions, curb ramps and entry medians at the roundabout to reduce vehicle speeds and improve pedestrian crossings.

Sidewalks will be reconstructed through the corridor along with curb extensions and curb ramps in order to meet ADA requirements and accommodate existing mature trees in the sidewalk.

The project also includes a slurry seal and restriping of the roadway to reduce it to one travel lane in each direction through the roundabout. Other project features include storm drain modifications, potential stormwater treatment areas, signage, utility adjustments, and relocation of existing roadside features.

Status

- The project is in the design phase.

Issues/Areas of Concern

- The project funding plan includes federal HSIP funding which requires compliance with Local Assistance delivery requirements.

Update from Previous Quarterly Report

- Design work and right of way acquisition activities continued.
- Remaining Measure J funds not yet appropriated may be impacted by COVID-19.

Location

Schedule

	Dates
Planning	Complete
Environmental Clearance	Complete
Design	2017-2021
Right of Way and Utilities	2019-2021
Construction	2022-2023
Post Construction	—

Funding by Source ($ 000s)

	Amount
Measure J	$1,433
Highway Safety Improvement Program (HSIP)	2,718
Local Funds	357
Total	$4,508

Project Danville Boulevard/Orchard Court Complete Streets Improvements (# 24024) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
17-02-P	2/17/2017	1	9/18/2022	Contra Costa County Public Works	Environmental Clearance and Design	$523,000	$243,000	6/30/2020

Project	**Clayton Major Streets Improvements (# 24032)**
Sponsor	City of Clayton
Subregion	Central County

Scope

Project is proposing repairs at various locations along Clayton Road, Marsh Creek Road and Oakhurst Drive. These will include base failure repairs, crack sealing, subgrade stabilization, pavement/curb lifting, and microsurfacing.

Phase 2 scope includes improvements to the north side of Pine Hollow Road, from the Western City limit to Gibson Lane, to close a gap in the sidewalk between the westerly city limit line and Mt. Diablo Elementary School.

Status

- Phase 1 of the project is complete.
- With the savings from Phase 1, Phase 2 was added to the project per Amendment No. 3 of the *2016 Measure J Strategic Plan*.
- Federal STP funds are programmed for the construction phase of the project in Federal Fiscal Year (FFY) 2021/22.

Issues/Areas of Concern

- The project funding plan includes federal STP funding which requires compliance with Local Assistance project delivery requirements.

Update from Previous Quarterly Report

- Coordination activities with the City of Concord continued for the federally funded Phase 2 project.
- Remaining Measure J funds not yet appropriated may be impacted by COVID-19.

Location

Schedule

	Dates	
	Phase 1	*Phase 2*
Planning	—	—
Environmental Clearance	Complete	Complete
Design	Complete	Complete
Right of Way and Utilities	—	—
Construction	Complete	2021-2022
Post Construction	—	—

Funding by Source ($ 000s)

	Amount	
	Phase 1	*Phase 2*
Measure J	$849	$429
Fed OBAG2 STP		308
Total	$849	$737

Project Clayton Major Streets Improvements (# 24032) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
16-51-P	11/16/2016	1	11/16/2019 / Closed	City of Clayton	Construction and Construction Management - Phase 1	$849,327	$849,327	7/31/2017
17-51-P	10/18/2017	—	10/18/2020 / Closed	City of Clayton	Initial design of Phase 2	$28,500	$28,500	7/26/2018

Project **Pleasant Hill Road Improvement Project (Taylor Blvd. to Gregory Lane) (# 24036)**
Sponsor City of Pleasant Hill
Subregion Central County

Scope

The project will construct complete street improvements along Pleasant Hill Road, between Taylor Boulevard and Gregory Lane.

Key project elements include:

- lane reconfiguration
- Class II bike lanes
- concrete sidewalk/curb/gutter repair
- new concrete median curb
- ADA curb ramps
- concrete bulb-outs
- traffic signal replacement/modification (at Gregory Lane, Westover Drive, and Taylor Boulevard intersections)
- pavement rehabilitation
- pavement striping/marking
- LED street lighting
- drought tolerant landscaping

Status

- Project design began in Spring 2018 and was completed in July 2019.
- Project construction is substantially complete.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Closeout of the construction phase has been initiated.
- Project will be moved to the completed list in the next update.

Location

Schedule

	Dates
Preliminary Studies/Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2019-2020
Landscaping	—

Funding by Source ($ 1000s)

	Amount
Measure J	$741
SB1	852
Local	2,833
OBAG2 – STP & SRTS	987
Total	$5,413

Project Pleasant Hill Road Improvement Project (Taylor Blvd. to Gregory Lane) (# 24036) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2020)	Last Billed Date
19-11-P	4/17/2019	—	4/17/2022	City of Pleasant Hill	Construction	$740,706	$740,706	04/20/2020