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transportation
authority

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MEMORANDUM

To: Matt Todd, TRANSPAC
Lisa Bobadilla, SWAT
Jamar Stamps, TRANSPLAN
Cedric Novenario, TVTC
John Nemeth, WCCTAC
Derek Farmer, LPMC

From: *MR for:*
Randell H. Iwasaki, Executive Director

Date: January 22, 2019

Re: Items of interest for circulation to the Regional Transportation Planning
Committees (RTPCs)

At its January 16, 2019 meeting, the Authority discussed the following item, which may be of interests to the Regional Transportation Planning Committees:

1. **Quarterly Project Status Report (QPSR).** This report outlines the status of current Measure projects. It also lists all completed projects. *The Authority Board approved the attached QPSR for October–December 2018.*

2999 Oak Road
Suite 100
Walnut Creek
CA 94597
PHONE: 925.256.4700
FAX: 925.256.4701
www.ccta.net

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QUARTERLY PROJECT STATUS REPORTS

October - December 2018



CONTRA COSTA
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ON-GOING PROJECTS

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ON-GOING PROJECTS

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

COMPLETED PROJECTS

SOUTHWEST COUNTY

Measure C

1104	I-680/Stone Valley Road Interchange, 1998
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1106	I-680 Auxiliary Lanes Segments 1 and 3, 2007
1107	I-680/Fostoria Way Overcrossing, 1994
1214	Commerce Avenue Extension, 2015
1600	Moraga Road Safety Improvements, 2005
1602	Camino Pablo Carpool Lots, 1996
1607	Moraga Way at Glorietta Boulevard and Camino Encinas, 2001
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1609	Moraga Way /Ivy Drive Roadway Improvements, 2004
1611	Mt. Diablo Corridor Improvements, 2001
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1621	St. Mary's Road – Phase 2, 1999
1622	Moraga Road Structural and Safety Improvements, 2005
1623/1623W	Santa Maria Intersection Improvements, 2016
1624	Bryant Way/Moraga Way Improvements, 2005
1625/ 1625SW	Moraga Way Rehabilitation and Improvements, 2011
1711	St. Mary's Road Improvements, 1995
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1717	Camino Tassajara Circulation Improvements, 2004
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2209	San Ramon Intermodal Transit Facility, 1996
3101	Iron Horse Trail – Monument to Alameda County Line, 1994
3103	Reliez Valley Road Trail – Phase 2, 2003
3106	St. Stephens/Bryant Way Trail, 1998

Measure J

10003-02	Electronic Bicycle Facilities - Southwest County BART Stations, 2016
10003-06	Orinda BART Downtown Access Ramp and Lighting, 2018
24010	Olympic Boulevard/Reliez Station Road, 2017
24015	Rheem Boulevard Landslide Repair and Repaving, 2017
24017	Camino Pablo Pavement Rehabilitation, 2016
24018	Ivy Drive Pavement Rehabilitation – Phase 2, 2017
24021	Alcosta Boulevard Pavement Rehabilitation, 2016

CENTRAL COUNTY

Measure C

1101	I-680/Burnett Avenue Ramps, 1995
1103	I-680/North Main Street Bypass, 1996

COMPLETED PROJECTS

CENTRAL COUNTY Measure C (continued)

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
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
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

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
9002	Richmond Parkway Lighting, 2017
10002-01	BART – Transit Oriented Development (TOD) and Access Improvements at El Cerrito Plaza and del Norte BART Stations, 2014

Measure J

7005	Interstate 80 Integrated Corridor Mobility, 2016
9001	Richmond Parkway Upgrade Study, 2008
9003	Marina Bay Parkway Grade Separation, 2016

COMPLETED PROJECTS

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 & Sand Creek Road Interchange, 2015

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. The plants and trees are doing well and have noticeably grown.
- A final report on the use of SLPP funds was submitted to Caltrans.

Location



Schedule

	<i>Dates</i>
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)

	<i>Amount</i>
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)

	<i>Amount</i>
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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
317	1	12/31/2019	Mark Thomas & Co.	Design Services for I-680 Auxiliary Lane –Segment 2	\$3,705,000	\$3,221,243	\$3,515,000	86.9%	100%
336	8	12/31/2018	S&C Engineers, Inc.	Construction Management Services for I-680	\$2,048,670	\$2,030,220	\$2,048,670	99%	99.5%
407	1	6/30/2018	Bortolussi & Watkin, Inc.	Landscaping Contract	\$1,807,586	\$1,678,594	\$1,762,586	92%	100%
478	—	5/25/2022	Bortolussi & Watkin, Inc.	Plant Establishment and Maintenance	\$611,000	\$132,935	\$611,000	21.7%	15%

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.
- The current focus is to obtain approval of Caltrans Permit Engineering Evaluation Report (PEER).
- 100% design is currently being developed.
- Right of Way appraisals are underway.

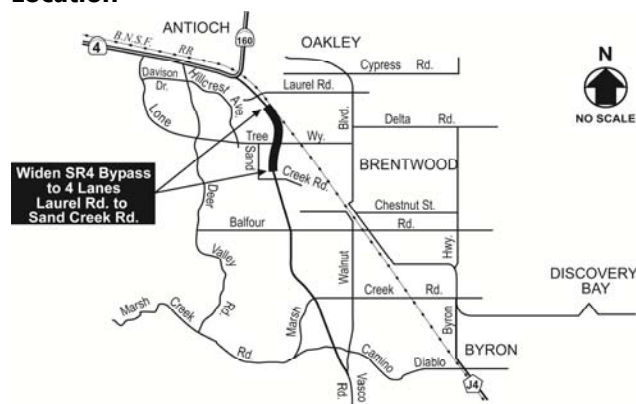
Issues/Areas of Concern

- Construction funding for the project has not been secured.
- Project costs may escalate as schedule is impacted by funding shortfall.
- 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 project team is working with Caltrans on the approval of the Permit Engineering Evaluation Report (PEER) and Encroachment Permit.
- Staff is assisting with facilitation of the maintenance agreement between Caltrans and the City of Brentwood.
- Addendum #14 to the environmental document for the SR4 Bypass Project was approved by the SR4 Bypass Authority to reflect the latest POC design.
- Agreement No. 511 with East Contra Costa Irrigation District (ECCID) was approved on October 17, 2018 for Fee-for-Services related to Right-of-Way and approval of project.
- Cost has been updated based on latest information.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	2014-2019
Right of Way and Utilities	2018-2019
Construction	2019-2020
Post Construction	—

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
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)

	<i>Amount</i>
Measure J	\$522
Measure J – BART	150
BART	200
ECCIFA	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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
358	1	6/30/2019	Mark Thomas & Company, Inc.	PS&E	\$872,000	\$603,738	\$872,000	69%	85%
511	—	10/17/2021	East Contra Costa Irrigation District (ECCID)	ROW and Project Approval	\$3,000	\$0	\$3,000	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 phase.
- The notice-to-proceed (NTP) for the construction contract was issued on February 6, 2017.
- PG&E, Kinder Morgan, and AT&T utility relocation activities are complete.
- Ribbon cutting was held on December 10, 2018.

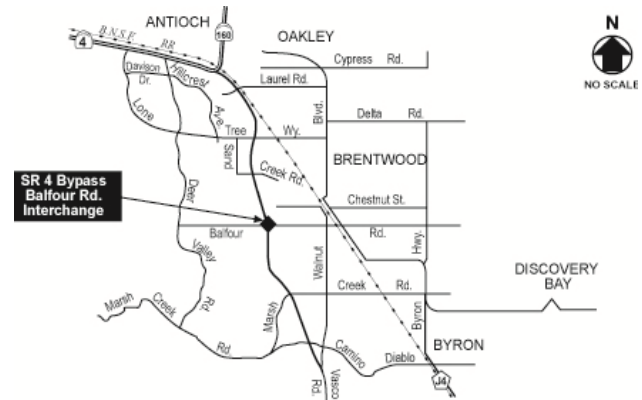
Issues/Areas of Concern

- There were concerns over night-time pile driving and noise impacts to residents. Construction phasing was changed for work to be performed during the day and be completed before school starts.

Update from Previous Quarterly Report

- The project was scheduled for completion in December 2018. However, due to temperature-sensitive paving operations, the completion of the project, which may include additional paving on local streets, is now expected to be Spring of 2019.
- Ribbon cutting held on December 10, 2018.
- Construction activities are concluding.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2017-2019
Post Construction	—

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
Project Management	\$1,651
Planning	—
Environmental Clearance	628
Design	4,939
Right of Way and Utilities	14,684
Construction	42,745
Construction Management	8,018
Total	\$72,665

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$46,000
ECCRFFA	26,000
CCWD	1,580
Total	\$73,580

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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
354	4	6/30/2016 / Closed	Quincy Engineering, Inc.	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	2	12/31/2019	PSOMAS	Construction Mgmt. Services	\$6,710,400	\$6,057,730	\$6,710,400	90.2%	80%
410	2	6/30/2019	PG&E	Joint Trench	\$2,155,279	\$2,004,701	\$2,155,279	95.7%	99%
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	\$467,303	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	—	6/30/2019	Brosamer & Wall/Bay Cities Joint Venture	Construction Services	\$37,973,146	\$34,564,197	\$40,811,317	91%	86%
430	2	12/31/2019	Quincy Engineering, Inc.	Design Services during Construction	\$1,307,395	\$1,048,379	\$1,327,964	80%	76%
436	—	12/31/2018	AT&T	Utility Relocation	\$400,410	\$400,410	\$400,410	100%	100%
441	1	3/16/2021	Kinder Morgan	Pipeline Inspection/Monitoring	\$390,000	\$219,473	\$390,000	56%	72%

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.

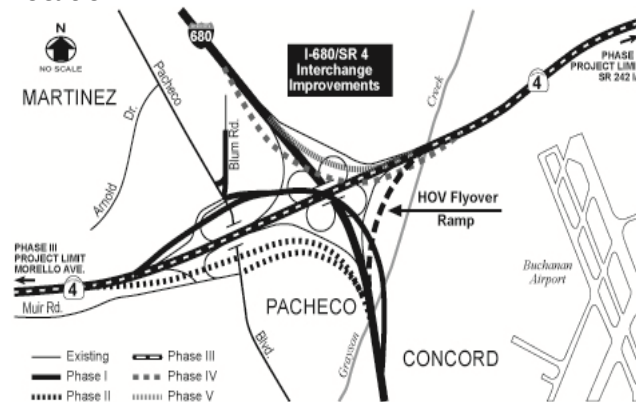
Issues/Areas of Concern

- Funding has not yet been secured for future phases.

Update from Previous Quarterly Report

- Construction contract 505 was awarded to Brosamer & Wall by the Authority Board on October 17, 2018.
- Contractor obtained all necessary encroachment permits to mobilize to the site.
- Contractor is in process of submitting all documents needed to proceed with the work. All regulatory permits were received along with the mitigation requirements. Agreements with mitigation bank were executed.
- Utility relocation work was completed in November 2018.
- A need for temporary construction easement and permanent footing easement at Solano Creek requires an eminent domain process. Process was initiated; however, a work around right of way (ROW) certification was issued by Caltrans in March 2018. The full ROW was issued by Caltrans with an effective date to enter the easement on December 26, 2018.

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	2020-2021	TBD

Estimated Cost by Project Phase (\$ 000s)

	Amount	
	Phase 3	Other Phases
Project Management	\$1,700	—
Planning	583	—
Environmental Clearance	2757	\$900
Design	10,111	32,400
Right of Way and Utilities	12,921	10,900
Construction	97,449	270,400
Construction Management	10,674	32,400
Total	\$136,195	\$347,000

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	\$347,000
Total	\$136,195	\$347,000

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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
372	6	12/31/2018	WMH Corporation	Design	\$10,015,789	\$10,011,865	\$10,015,789	99.9%	100%
398	2	6/30/2020	Contra Costa Flood Control	Hydraulic Evaluation and Permitting	\$125,148	\$77,578	\$125,148	70%	75%
473	—	12/31/2021	The Hanna Group	Construction Management	\$9,414,978	\$329,437	\$9,414,978	3%	2%
493	—	12/31/2018	Elsie Gridley Mitigation Bank	Sale of Vernal Pool Establishment Credits	\$606,150	\$606,150	\$606,150	100%	100%
494	—	12/31/2018	Elsie Gridley Mitigation Bank	Reservation of Vernal Pool Establishment Credits	\$450,000	\$171,000	\$450,000	38%	50%
495	—	3/31/2021	WMH Corporation	Design Services during Construction	\$999,937	\$109,694	\$999,937	10%	0%
496	—	6/30/2021	Contra Costa Flood Control	Design on Lower Walnut Creek Restoration	\$190,000	\$190,000	\$190,000	100%	0%
505	—	12/31/2022	Brosamer & Wall	Construction Services	86,305,703	\$0	\$86,305,703	0%	0%

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.

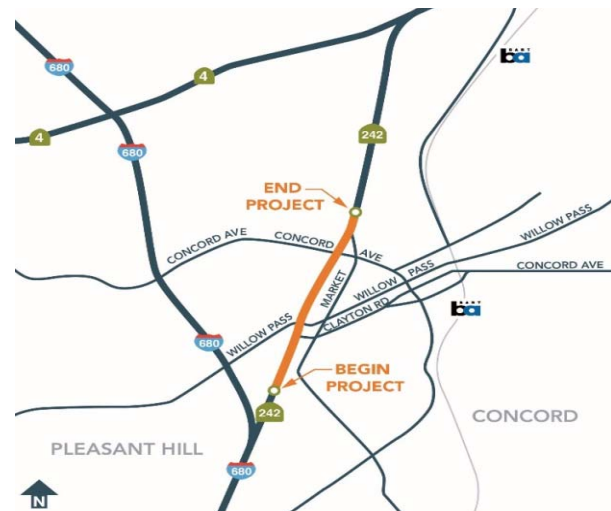
Issues/Areas of Concern

- 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

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	TBD
Right of Way and Utilities	TBD
Construction	TBD
Post Construction	—

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
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)

	<i>Amount</i>
Measure J	\$4,990
TBD	67,710
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 (10/31/2018)	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	\$2,442,582	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

- Consultant team has begun the Data Collection task and has submitted Traffic Analysis Approach Memo to Caltrans for review
- Staff and consultant team is working with Caltrans to strategize on the type of ED for CEQA/NEPA clearance.
- Cost has been updated based on latest information.

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	\$4,515	—
STIP	7,500	—
STP	1,100	—
TBD (shortfall)	55,733	\$245,350
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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
391	4	12/31/2018	Mark Thomas & Co.	Project Study Report/Project Development Support (PSR/PDS)	\$640,000	\$640,000	\$640,000	100%	100%
499 (Task Order 1)	—	9/19/2018	Mark Thomas & Co	Project Approval/ Environmental Document (PA/ED)	\$1,603,529	\$2,668	\$1,603,529	1%	0%

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 bridge has been accepted by Caltrans.

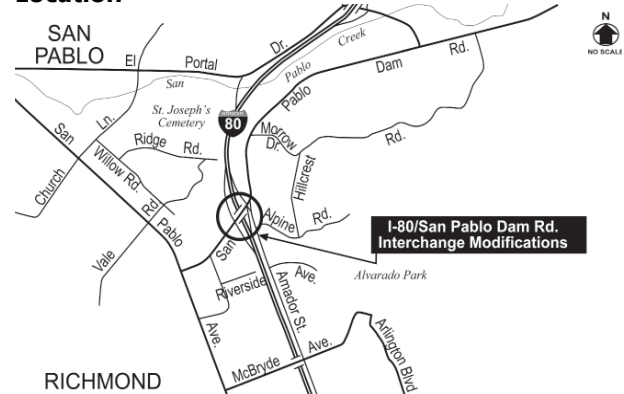
Issues/Areas of Concern

- Staff is coordinating with the City of San Pablo to determine EBMUD's responsibility for the relocation cost of a water main along El Portal Drive.
- Phase 2 has a significant funding shortfall.

Update from Previous Quarterly Report

- The as-builts are currently being reviewed by Caltrans.
- WCCTAC approved allocation of \$436,000 in Subregional Transportation Mitigation Fees for Phase 1 at its meeting on December 14, 2018.

Location



Schedule

	Dates	
	Phase 1	Phase 2
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	2019-2020
Right of Way and Utilities	Complete	2020-2022
Construction	Complete	2022-2024
Post Construction	—	2024-2025

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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
212	3	12/31/2010 / Closed	URS	PA/ED	\$2,238,684	\$2,238,684	\$2,238,684	100%	100%
316 ⁽¹⁾	4	12/31/2018	URS	Design	\$6,691,000	\$6,670,441	\$6,691,000	99.7%	99.8%
330	9	12/31/2018	S&C Engineers, Inc.	CM/Utilities	\$65,300	\$64,421	\$64,421	98%	100%
362	3	3/31/2025	Contra Costa County	Right of Way	\$802,900	\$765,701	\$802,900	95.5%	99%
370	1	12/31/2018	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%	0%
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	\$2,869,102	100%	100%
416	1	12/31/2018	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	\$28,530	0%	0%

(1) Design Services 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 2019.

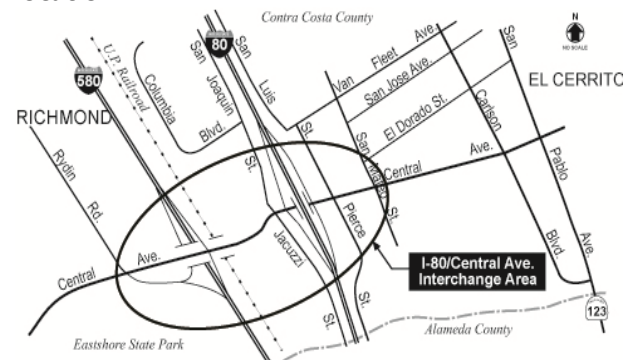
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Phase 1: Contractor is performing punch list activities. Post traffic analysis is underway.
- An action to decrease the construction allotment by \$34,166 was approved by the Authority Board on September 19, 2018.
- An action to decrease the construction allotment by \$8,394 was approved by the Authority Board on December 19, 2018.
- Amendment No. 2 to Contract 453 with Ghirardelli was approved by the Authority Board on September 19, 2018 for additional construction management services.
- Amendment No. 4 to Contract 406 with WSP was approved by the Authority Board on December 19, 2018 to provide additional DSDC and extend the term of the agreement.
- WCCTAC, at its meeting on December 14, 2018, approved programming \$485,000 in STMP funds for I-80/Central-Phase 2.
- At the January 2019 Authority Board meeting, approximately \$436,000 in Measure J funds will be proposed to be reprogrammed back to I-80/Central-Phase 2 in lieu of future STIP funds commitment.

Location



Schedule

	Dates	
	Phase 1	Phase 2
Planning	Complete	Complete
Environmental Clearance	Complete	2016-2019
Design	Complete	2019-2020
Right of Way and Utilities	—	2019-2021
Construction	Complete	2021-2023
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	\$3,300
Federal Earmark	—	—
WCCTAC	—	627
STIP	—	7,773
Future MTC Commitment	—	2,800
City of Richmond	700	—
Total	\$8,256	\$14,500

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 (10/31/2018)	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	4	6/30/2019	WSP USA Inc. (formerly PB Americas, Inc.)	Plans, Specifications, and Estimates (PS&E)	\$1,130,207	\$1,084,070	\$1,130,207	96%	99%
445	—	12/31/2017	UPRR	Right of Entry	\$20,000	\$2,699	\$20,000	14%	100%
453 ⁽¹⁾	3	6/30/2019	Ghirardelli Associates	Construction Management Services	\$714,799	\$711,622	\$714,799	99.5%	99%
463	—	12/31/2019	Ghilotti Brothers	Construction	\$4,326,948	\$3,990,124	\$4,326,948	92%	99%

(1) An amendment for date extension was approved by the Authority Board on November 14, 2018.

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Expiration Date	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
16-50-P	10/19/2016	—	10/18/2019	City of Richmond	PA/ED, Design, and ROW	\$2,970,000	\$370,942	4/30/2018

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 which will follow the completion of the civil work under contract 491.
- Cost estimate does not include TransCore work currently estimated at \$12 million, which will be entirely funded by BAIFA.

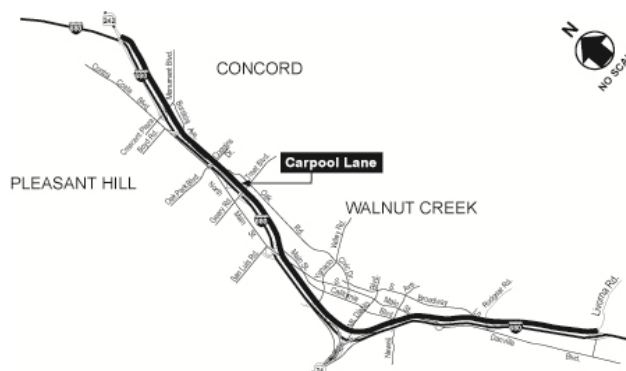
Issues/Areas of Concern

- The relocation of the backhaul fiber from Livorna to Olympic must be closely coordinated due to timing of the work. Schedule coordination has started and project team does not currently anticipate any impacts but will continue to monitor closely.

Update from Previous Quarterly Report

- All utility relocations were completed as of August 2018.
- Bay Cities Paving & Grading, Inc. started construction in October 2018.
- TransCore will submit tolling system 100% Plans, Specifications, and Estimate (PS&E) to Caltrans in December 2018 for permit.
- Construction progress can be followed at <https://680xpresslanesproject.com/home/>.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2018-2021
Post Construction	2020-2021

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
Project Management	\$1,885
Planning	—
Environmental Clearance	8,400
Design	9,900
Right of Way and Utilities	400
Construction	77,470
Construction Management	14,200
Total	\$112,255

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J*	\$40,000
RM2	19,400
STIP/RIP	15,600
BAIFA**	40,000
Total	\$115,000

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

** BAIFA will also fund TransCore work estimated at \$12 million bringing total funding to \$127 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 (10/31/2018)	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	6	12/31/2018	HDR Engineering, Inc.	Feasibility Study/ Environmental Clearance / PS&E for Express Lanes and Design for I-680 HOV Completion	\$12,470,000	\$12,268,973	\$12,270,000	98.3%	100%
448	—	12/31/2020	WSP/Parsons Brinckerhoff	Construction Management Services	\$10,238,924	\$957,680	\$10,238,924	9.3%	10%
454	—	12/31/2018	Contra Costa County	ROW Acquisition Services	\$43,000	\$38,610	\$43,000	89%	89%
462	—	12/31/2018	PG&E	Utilities	\$20,000	\$0	\$20,000	0%	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	\$0	\$50,000	0%	0%
491	—	12/31/2021	Bay Cities	Construction Services	\$64,570,784	\$952,512	\$64,570,784	1%	2%
497	—	12/31/2021	HDR Engineering, Inc.	DSDC/ Landscape PS&E	\$1,099,492	\$53,319	\$1,099,492	4.8%	5%

Project	Innovate 680 (# 8009)
Sponsor	Contra Costa Transportation Authority
Subregion	Central and Southwest County

Scope

Implement the following strategies:

Strategy No. 1: 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. 2: 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 1 since they are interdependent.

Strategy No. 3: Increase Efficiency of Bus Service

Increase bus service efficiency by improving express bus service, implementing bus operations on shoulder (BOS), and increasing technology-based intermodal transit centers/managed park and ride lots.

Strategy No. 4: Enhance TDM Strategies

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

Strategy No. 5: 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. 6: 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. 7: 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.

Status

- Caltrans approval of the final Project Study Report/Project Development Study for the I-680 NB Express Lane project (Strategies 1 & 2) was delayed as a new District Directive called to eliminate oversight costs to project sponsor was issued in November 2018.

Issues/Areas of Concern

- Significant funding is needed for all projects.
- BOS may require special legislation and will need CHP approval.

Update from Previous Quarterly Report

- The Authority approved the release of the RFP to procure Corridor Manager and Project Innovative Team to manage the program.
- I-680 NB Express Lane (Strategy 1 & 2)* – The Authority approved the release of the NB EL RFP to prepare Project Approval and Environmental Clearance of the project in September 2018.
- MTC has programmed an additional \$6 million in STP funds for project in September 2018 as part of a fund exchange agreement with the Authority.
- Bus on Shoulder (Strategy 3)* – Authority staff is in negotiation with selected consultant to prepare the PSR-PR and other documents for project approvals.

Location



Schedule

	NB HOV Strategy 1-2	BOS Strategy 3a	Technology Strategy 4-7	Bus Service Strategy 3b
Planning	2017-2018	2017-2019	2017-2019	2017-2019
Env. Clearance	2019-2021	2019-2020	2019-2020	2019-2020
Design	2020-2022	2020-2021	2020-2021	2019-2020
Right of Way/Utilities	2021-2022	2020-2021	2020-2021	2020-2021
Construction	2023-2025	2021-2022	2021-2022	2021-2022
Post Construction	—	—	—	—

Estimated Cost by Phase (\$ 000s)

	NB HOV Strategy 1-2	BOS Strategy 3a	Technology Strategy 4-7	Bus Service Strategy 3b
Project Management	\$4,500	\$200	\$900	\$600
Planning	600	400	1,000	600
Env. Clearance	15,450	500	2,900	1,000
Design	28,325	900	5,400	1,500
Right of Way/Utilities	5,000	—	—	12,000
Construction Mgmt.	38,625	1,100	6,500	3,500
Construction	257,500	6,000	36,000	39,000
Total	\$350,000	\$9,100	\$52,700	\$58,200

**operations costs estimated at \$18 million/year not included

Funding by Source (\$ 000s)

	NB HOV Strategy 1-2	BOS Strategy 3a	Technology Strategy 4-7	Bus Service Strategy 3b
Measure J*	\$6,584	\$4,100	\$18,200	\$6,116
STMP (TVTD)	—	—	2,000	—
MTC (STP)	14,205	—	—	—
Measure J (TLC)	—	—	—	1,500
SB1-LPP Formulaic	2,286	—	—	—
Regional Measure 3	75,000	5,000	1,800	3,200
TBD (shortfall)	251,925	—	30,700	47,384
Total	\$350,000	\$9,100	\$52,700	\$58,200

*\$4 million in Measure J funds was exchanged for STP funds.

Project Innovate 680 (# 8009) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
--									

Project	Shared Autonomous Vehicle Pilot Program (# 10001-06)
Sponsor	Contra Costa Transportation Authority
Subregion	Central County

Scope

The project will initiate the planning and testing required for the implementation of the Shared Autonomous Vehicle Pilot Program. Project activities include testing, design, and consensus building with stakeholders. Initial project testing will be conducted at the GoMentum Station site as well as on non-public roads within the Bishop Ranch Development.

Status

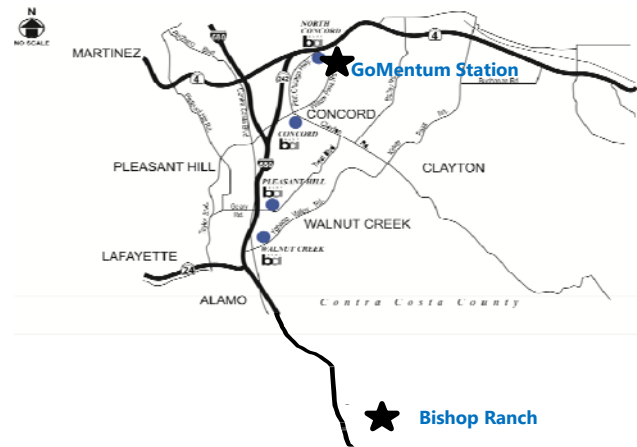
- Project is in the planning stages. Early deployment is anticipated to be at a BART station in Central County.
- Working on the approval of the First Mile/Last Mile concept

Issues/Areas of Concern

- Regulatory approval is needed.
- Complete funding has not been identified.
- Obtained DMV approval to allow SAV on public roads.

Update from Previous Quarterly Report

- Testing on public roads in the City of San Ramon through a signalized intersection is scheduled to occur in the first quarter of 2019.



Schedule

	<i>Dates</i>
Planning	2016-2020
Environmental Clearance	—
Design	2016-2021
Right of Way and Utilities	—
Construction	2020-2022*
Post Construction	—

*Construction refers to deployment of shuttles

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
Project Management	\$950
Planning	829
Environmental Clearance	374
Design	2,676
Right of Way and Utilities	—
Construction	2,371*
Construction Management	—
Total	\$7,200

*Construction refers to deployment of shuttles

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$250
Private Funding	500
TFCA	1,000
State	1,500
TBD	3,950
Total	\$7,200

Project Shared Autonomous Vehicle Pilot Program (# 10001-06) - continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
435	4	6/30/2019	Stantec	Project Management of SAV program	\$2,331,000	\$1,543,944	\$2,331,000	N/A	N/A

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

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

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
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)

	<i>Amount</i>
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 (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
435	—	6/30/2019	Stantec	Project Management	\$315,000	\$315,000	\$315,000	100%	100%

Project	Caldecott Tunnel Fourth Bore (# 1001/1698)
Sponsor	Contra Costa Transportation Authority/Caltrans
Subregion	Southwest County

Scope

Construct a new two-lane fourth bore between Contra Costa and Alameda counties along SR 24 north of the existing bores.

Status

- The new bore opened to traffic in November 2013.
- Caltrans accepted the tunnel construction contract on March 12, 2015.
- Final habitat restoration work is in progress.
- All planting work included in the landscaping project has been completed.
- The 3-year plant establishment period began in February 2016.

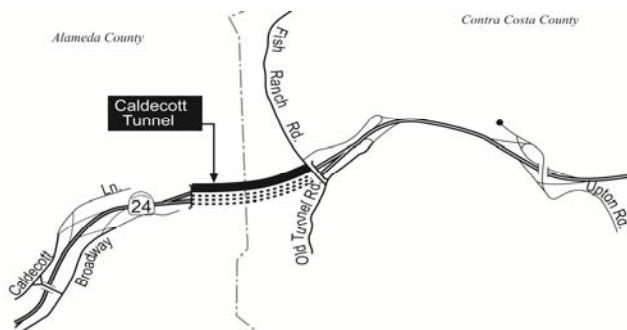
Issues/Areas of Concern

- CCTA and Caltrans are in discussions over the Caltrans administration and project support costs.

Update from Previous Quarterly Report

- Caltrans Accounting Unit completed the final accounting for project.
- CCTA has requested and will review the cost breakdown.
- Caltrans is seeking an extension to the Construction Cooperative Agreement to allow for completion of all reimbursement transactions.
- Landscaping plant establishment period will end in February 2019.
- Cost updated to reflect enhancement projects in Berkeley and Oakland, as well as final cost accounting provided by Caltrans.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	Complete
Post Construction	Complete

Estimated Cost by Project Phase (\$ 000s)

	<i>Amount</i>
Project Management	—
Planning	—
Environmental Clearance	\$20,487
Design	33,105
Right of Way and Utilities	1,100
Construction	301,295
Construction Management	57,164
Total	\$413,150

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$121,130
Federal Earmark (SAFETEA-LU)	1,440
STIP-RIP	4,000
STIP-IIP	15,300
TCRP	20,000
RM2	44,767
ARRA	195,129
CMIA	11,043
Maintenance HM7 (State)	350
Total	\$413,150

Project Caldecott Tunnel Fourth Bore (# 1001/1698) – continued

Major Project Contracts Managed by Authority

Contract No.	Amend No.	Contract Expiration	Agency/ Consultant	Description	Appropriated Amount	Billed to Date (10/31/2018)	Estimate at Completion	Percent Billed	Percent Physically Complete
261	10	9/30/2017 / Closed	Parsons	On-Call Design Services during Construction	\$9,228,000	\$9,227,119	\$9,227,119	99.9%	100%
262	4	6/30/2015 / Closed	PB Americas, Inc.	Construction Management	\$17,938,466	\$17,723,759	\$17,723,759	99%	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 in August 2012 and was accepted as complete in 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

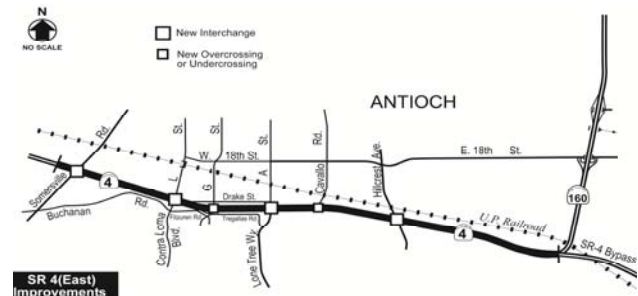
- Contract 1 (Liveridge to Century) bids were opened in December 2017. Construction started in early 2018 with project completion, inclusive of the plant establishment period, in 2021.
- Contract 2 (Somersville to Cavallo) was advertised on March 12, 2018 and construction has started. Completion, inclusive of plant establishment, is anticipated to be in 2022/23.
- Contract 3 (Hillcrest to Laurel Rd. and on SR 160) design was completed and construction bid opened in December 2018. Completion, inclusive of plant establishment, is anticipated to be in 2022/23.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The three corridor landscape contracts are all in the construction phase.

Location**Schedule**

	Dates
Planning	—
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction (highway)	Complete
Construction (landscape)	2018-2019
Post Construction	2017-2022

Estimated Cost by Project Phase (\$ 000s)

	Amount
Project Management	—
Preliminary Studies/Planning	—
Environmental Clearance	\$400*
Design	35,500
Right of Way and Utilities	61,800
Construction	220,000
Construction Management	57,000
Total	\$374,700

*Under project 1406/3003

Funding by Source (\$ 000s)

	Amount
Measure C	\$31,900
Measure J	94,100
CMIA	68,300
STIP/RIP	38,500
Federal (SAFETEA-LU)	1,600
Federal Earmark (other)	1,100
SLPP	24,400
Bridge Tolls (e-BART median)	64,000
Measure J (e-BART median)	26,000
Bridge Tolls (e-BART structures)	13,600
Measure J (e-BART structures)	15,300
City	1,800
Total	\$380,600

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 (10/31/2018)	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	TY Lin International	Final Design	\$15,491,438	\$15,491,438	\$15,491,438	100%	100%
208	8	12/31/2019	Contra Costa County Real Property	ROW Acquisition Svcs /Closeout	\$7,948,054	\$7,370,902	\$7,948,054	92.5%	93.5%
211	10	12/31/2018	Harris & Associates	Corridor Integration Team	\$3,719,411	\$3,710,142	\$3,719,411	99.7%	99.8%
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%
341, 348, 355, 402*	—	12/31/2025	PG&E & AT&T	Utility Relocation	\$2,693,473	\$2,592,208	\$2,700,000	96.2%	100%
327	4	6/30/2019	BKF	Design Svcs During Construction	\$1,409,500	\$1,365,634	\$1,391,704	96.9%	98.7%
330	9	12/31/2018	S&C Engineers**	Construction Management	\$10,991,025	\$10,906,695	\$10,991,025	99.2%	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	5	6/30/2019	TY Lin International	Design Svcs During Construction	\$2,634,155	\$2,617,546	\$2,634,155	99.3%	99.5%
350	—	5/16/2020	BART	Construction Services	\$9,000,000	\$8,818,702	\$8,818,702	100%	100%
351	—	6/30/2018	Bay Cities Paving	Construction – Segment 3B	\$56,113,358	\$52,826,845	\$56,113,358	94%	100%

*Only open contracts shown **S&C 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 platform, signage, plaza, etc.) and track-related improvements (including retaining walls and signal equipment relocation in Hercules). The City of Hercules now commonly refers to this project as the "Hercules Intermodal Transit Center Project" to scope the project for both 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.

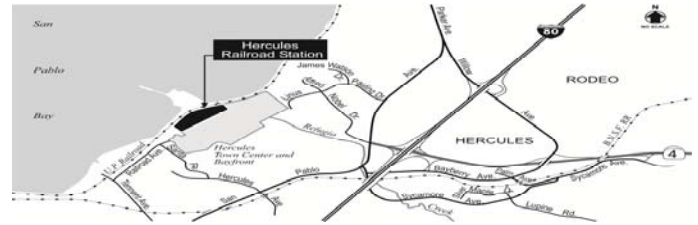
Issues/Areas of Concern

- Project has significant funding shortfall.
- Capitol Corridor has yet to agree to add Hercules as a stop along its route. Public outreach effort is underway to secure a commitment.
- Funding secured can only be used on specific stages, increasing risk for funding loss.

Update from Previous Quarterly Report

- Resolution 18-66-P was approved by the Authority Board on November 14, 2018 supporting the project.
- At its December 14, 2018 meeting, WCCTAC allocated a base amount of \$500,000 in STMP fees to project.

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	—	\$3,885*
Measure – TLC	—	1,240	—	—
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	—	500
Other	1,285	847	—	—
TBD (shortfall)	—	—	—	55,215
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. \$1.323 million currently un-appropriated.

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 (10/31/2018)	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 (10/31/2018)	Last Billed Date
12-08-P	3/12/2012	3	7/15/2018	Hercules	Construction—Path to Transit and Bay Trail (East)	\$4,076,000	\$3,447,045	9/20/2018
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

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

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. Under separate contract, A follow-on study of Phase 3 constructability and Blum Road is under way.
- A sub-project to widen Pacheco Blvd. at Vine Hill Creek to add sidewalks and bike lanes was completed in October 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 ReportStudies

- Recommendations of Alignment Study will be presented to the Board of Supervisors in Summer 2019. The traffic and constructability study is underway and anticipated to be complete in Spring 2019.

Widening at Arnold Drive

- Utility coordination with PG&E has been initiated for the relocation and undergrounding of overhead facilities from Arnold Drive to Sunrise Drive. Utility relocation is tentatively planned for FY2020-21.

Widening at Vine Hill Creek

- Construction was substantially completed in October 2018, with punch list items completed in November 2018.

Location**Schedule**

	<i>Widening at Vine Hill Creek</i>	<i>Widening at Arnold Drive</i>	<i>Remaining Phases</i>
Planning	Complete	2018-2019	TBD
Environmental Clearance	Complete	2018-2019	TBD
Design	Complete	2018-2019	TBD
Right of Way and Utilities	Complete	2020-2021	TBD
Construction	Complete	2020-2021	TBD
Post Construction	—	—	TBD

Funding by Source (\$ 000s)

	<i>Widening at Vine Hill Creek</i>	<i>Widening at Arnold Drive</i>	<i>Remaining Phases</i>
Measure J	—	\$1,400	\$4,400
Martinez Area of Benefit	—	—	1,200
Measure C*	\$570	300	175
Tosco/Solano Fund	—	—	5,200
ATP	619	—	—
Other Local	87	15	—
TBD (shortfall)	—	1,785	22,925
Total	\$1,276	\$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, \$450,000 in Measure C was appropriated to complete an alignment 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 (10/31/2018)	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	1	5/17/2020	Contra Costa County	Environmental Clearance, Design, and ROW services	\$382,000	\$112,818	7/23/2018
17-41-P	9/20/2017	—	9/20/2020	City of Martinez	Environmental Clearance, Design, and ROW Services	\$300,000	\$112,996	5/31/2018
18-14-P	4/18/2018	—	12/31/2018	Contra Costa County	Constructability and Traffic Study	\$117,884	\$0	—
18-36-P	6/20/2018	—	6/20/2021	Contra Costa County	Construction Phase	\$188,000	\$0	—

Project	Operational Improvements on Parallel Arterials (Measure C #1222)
Sponsor	City of Concord
Subregion	Central County

Scope

This project will improve traffic flow along the I-680/SR242 corridor in Central County by improving the efficiency of traffic operations on the parallel arterials in downtown Concord. CCTV cameras and fiber optic interconnect cable will be installed based on available budget within the corridor to improve real-time traffic monitoring, central communications, and system wide incident management.

Status

- The construction contract was awarded in September 2017.
- Construction completion is targeted for January 2019.

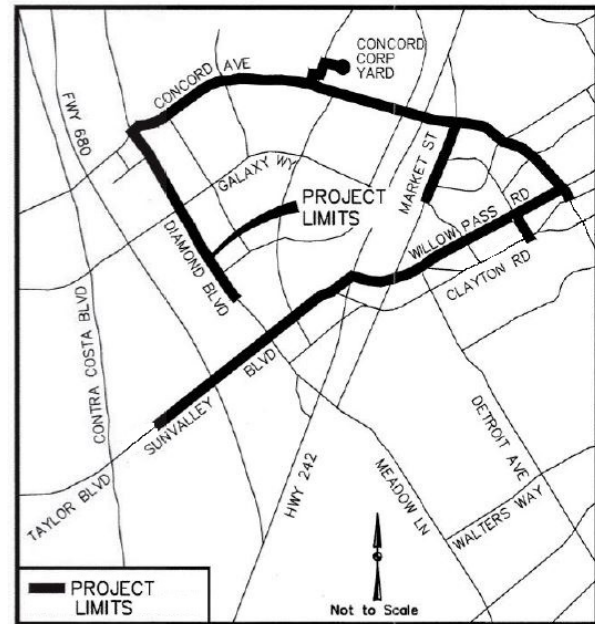
Issues/Areas of Concern

- Previous concerns regarding conduits irregularities were overcome by change orders.

Update from Previous Quarterly Report

- Cable for Concord Avenue, Diamond Boulevard and Galindo Street have been installed and commissioned. Cable for Willow Pass Road was installed in December and will be commissioned in January 2019.
- City Council acceptance expected in February 2019.
- Cost and schedule were updated to reflect the latest information.

Location



Schedule

	<i>Dates</i>
Planning	—
Environmental Clearance	—
Design	Complete
Right of Way and Utilities	—
Construction	2017-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure C	\$2,893
Local Funds	1,255
Total	\$4,148

Project Operational Improvements on Parallel Arterials (Measure C #1222) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (4/30/2018)	Last Billed Date
16-03-P	1/20/2016	1	1/20/2019	City of Concord	Design Services	\$185,747	\$177,569	12/26/2017
17-13-P	4/19/2017	—	4/18/2020	City of Concord	Construction	\$2,707,356	\$1,174,503	4/30/2018

Project	Danville Road and Street Preservation (Measure C #1723)
Sponsor	Town of Danville
Subregion	Southwest County

Scope

This pavement rehabilitation project includes pavement repairs and overlay; bridge abutment slab stabilization; traffic signal improvements; curb, gutter and sidewalk improvements; and pavement striping (Class II bike lanes) on El Cerro Boulevard and Sycamore Valley Road. The project limits consist of Sycamore Valley Road overcrossing from San Ramon Valley Blvd to Camino Ramon and El Cerro Boulevard from El Pintado Road to the El Cerro Bridge (west of La Gonda Way).

Status

- Project was awarded on April 17, 2018
- Construction began in June 2018.

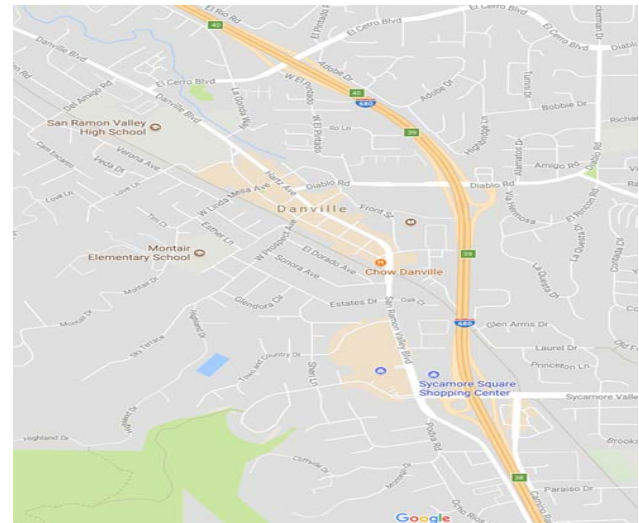
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Project is nearly complete. Town Council acceptance expected in January 2019.
- Project will be moved to completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	—
Environmental Clearance	—
Design	Complete
Right of Way and Utilities	—
Construction	2018-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure C	\$1,048
OBAG I	933
Local Funds	97
Total	\$2,078

Project Danville Road and Street Preservation (Measure C #1723) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
18-13-P	4/18/2018	—		Town of Danville	Construction Phase	\$1,048,000	\$0	—

Sponsor	Contra Costa Transportation Authority/BART
Subregion	East County

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).

- Project #1: Revenue service started in May 2018.
- Project #2: Currently in the environmental clearance and design phase.

- None

- Project #2 is currently in the environmental clearance and design phase.
- The Authority appropriated a total of \$5.08 million at its October 2018 meeting for the expansion of Antioch BART parking lot.
- BART Board approved the project environmental clearance document at its December 6, 2018 meeting.

The map illustrates the proposed Bypass 400 project. The route starts at Bay Point, near Willow Pass Rd, and runs east through Antioch, Illinois, ending near Pittsburg. Key roads shown include Willow Pass Rd, Parkside Dr, W. Leland Rd, and the Pittsburg-Antioch Hwy. The map also indicates the existing 400 route and the proposed bypass route. A north arrow and 'NO SCALE' are present.

	Dates	
	Project #1	Project #2
Preliminary Studies/ Planning	Complete	Complete
Environmental Clearance	Complete	2018-2019
Design	Complete	2018-2019
Right of Way and Utilities	Complete	2018-2019
Construction	Complete	2019-2020
Landscaping	—	—

	Amount	
	Project #1	Project #2
Measure J	\$137,700	\$5,080
BART	2,700	4,300
T-Plus	1,000	—
Prop 1B	37,000	—
RM 2	95,500	—
RM 1	61,400	—
AB1171	111,500	—
ECCRFFA	35,000	3,000
STA	300	—
TCRP	5,250	—
STIP/RIP	13,000	—
MTC	—	3,650
Other	11,191	—
Total	\$511,541	\$16,030

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 (10/31/2018)	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	6/8/2016
12-16-P	5/16/2012	2	5/16/2018	BART	Automatic Fare Collection Equipment	\$4,000,000	\$3,978,716	8/16/2018
12-53-P	9/19/2012	1	9/19/2018	BART	Destination Sign Procurement	\$700,000	\$698,223	6/12/2018
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	1	6/19/2017	BART	Construction Management	\$15,000,000	\$14,533,823	6/30/2017
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	11/20/2018	BART	Maintenance Facility Completion	\$33,594,960	\$31,851,760	8/7/2018
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 (# 4002/27001)
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

- Construction of the pedestrian overcrossing and Ferry Street entrance are underway.
- The pedestrian overcrossing is being constructed with the Ferry Street Improvements.

Issues/Areas of Concern

- PG&E relocation of lines and temporary shutdown of transmission line to allow installation of pedestrian bridge.
- Coordination with the Railroad during the installation of the pedestrian overcrossing.

Update from Previous Quarterly Report

- Pedestrian overcrossing improvements are being constructed with the Ferry Street improvements.
- Construction is expected to be substantially completed by March 1, 2019 and is 75% complete as of end of October 2018.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2017-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$10,658
STIP	5,500
Measure C	300
Total	\$16,458

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

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	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	\$315,168	\$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	\$754,330	10/23/2018

Project	Comprehensive Wayfinding System – Central County BART Stations (# 10001-03)
Sponsor	BART
Subregion	Central County

Scope

Create and implement a cohesive, integrated wayfinding system for Central County BART stations. Improvements can be phased by station.

Status

- Construction was completed in 2013 at the Pleasant Hill Station.
- Construction was completed in 2017 at North Concord, Concord, and Walnut Creek stations.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- BART is continuing design of the Real-Time Displays integration into the BART network. These displays will enhance and improve communication and reliability of information. The implementation is expected to be complete by early 2019.

Location**Schedule**

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	2017-2018
Right of Way and Utilities	—
Construction	2017-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$2,600
Total	\$2,600

Project Comprehensive Wayfinding System – Central County BART Stations (# 10001-03) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
10-02-P	1/20/2010	2	6/30/2019	BART	Design and Construction	\$2,600,000	\$2,507,240	11/19/2018

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

- To date, a total of 527 spaces have been installed at the Walnut Creek, Pleasant Hill, Concord, and North Concord stations.
- The Pleasant Hill Bike Station is complete and operational.

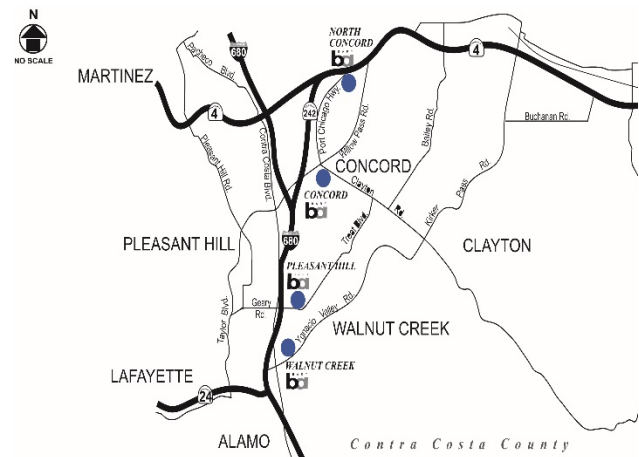
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The Concord Bike Station project will be incorporated with Phase 1 of the Concord BART Station Modernization Project. Design work has started on improvements to the bike parking in the paid area of the station. The project will replace the legacy wave style racks with inverted U style racks providing more spaces and the ability to lock more securely (two locking points per bike).
- Design work has started on the Bikeep installation of 20 spaces to supplement BikeLink locker parking. BikeLink locker use at Concord is above 80%. BART intends to have the Bikeep racks installed before Spring 2019 when bike parking demand will increase.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2010-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
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 (10/31/2018)	Last Billed Date
10-03-P	1/20/2010	3	3/15/2020	BART	Design and Construction	\$1,805,000	\$1,297,034	7/26/2018

Project	Concord BART Plaza Redesign (# 10001-05)
Sponsor	BART
Subregion	Central County

Scope

This project will redesign and reorient the public plaza to better connect to the City's downtown area, add landscaping and upgrade lighting, provide pigeon mitigation, improve several critical pathways and crosswalks from the surrounding streets to the station fare gates, add sustainability features such as storm water treatments, and add decorative elements to reinforce the station's identity with the City of Concord.

Status

- Project is in the construction phase.

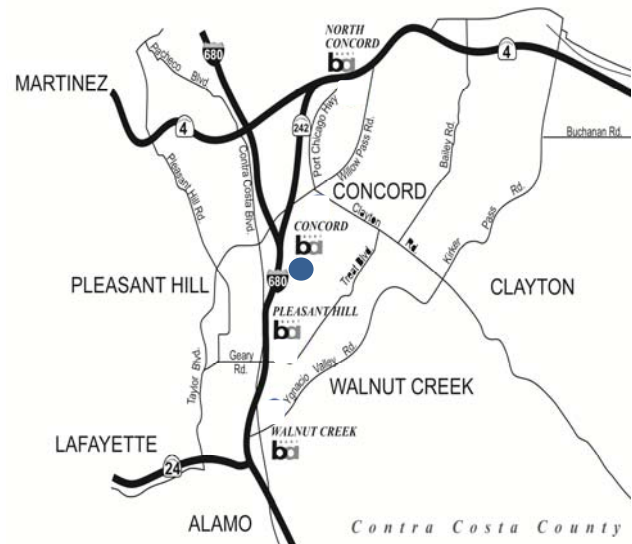
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Project work was sequenced to be constructed in 2 Phases. Phase 1 Substantial Completion was achieved in May 2018.
- Phase 2 construction was completed in September 2018.
- BART is currently working on the project's close-out phase.
- Project will be moved to completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	—
Design	Complete
Right of Way and Utilities	—
Construction	Complete
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Prop 1B (Lifeline)	\$400
Prop 1B (BART)	1,500
BART	100
Measure J	4,500
Total	\$6,500

Project Concord BART Plaza Redesign (# 10001-05) – continued

Local Agency Project Contracts

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
16-16-P	5/18/2016	—	5/18/2019	BART	Construction	\$4,500,000	\$4,019,149	8/16/2018

Project	Pleasant Hill Parking Structure Elevator Renovation (# 10001-07)
Sponsor	BART
Subregion	Central County

Scope

Perform site visit and inspection of each elevator and evaluate current state of equipment. The inspection will include the following items: door operators, door locks and pick-up rollers, door tracks and hanger rollers, fixtures, and wiring. Replace and upgrade equipment identified during the inspection as being obsolete, outdated, or at the end of its useful life.

Status

- Construction began in March 2018 and project is currently wrapping up the construction phase.
- First two elevators were returned to service in mid-September.

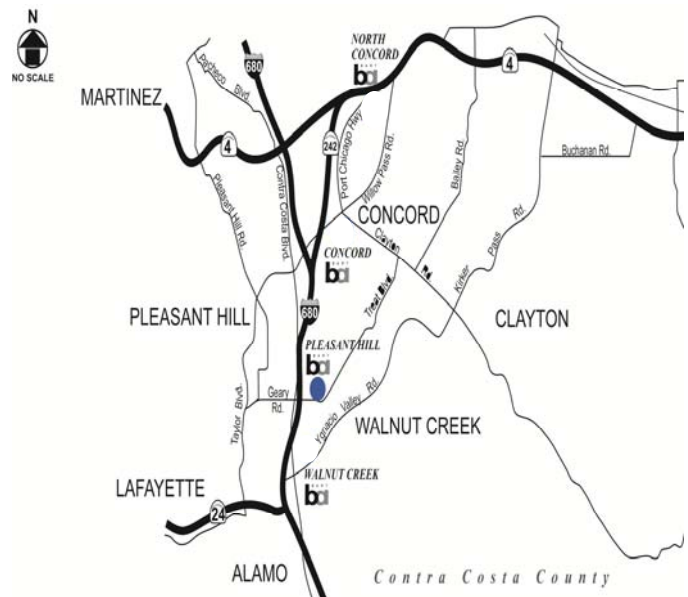
Issues/Areas of Concern

- Possible need for contract time extension.

Update from Previous Quarterly Report

- Construction on the final two elevators was completed in November and state/BART inspection will take place by early 2019.
- BART aims to close out project by end of April 2019.
- Project will be moved to completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	—
Environmental Clearance	—
Design	Complete
Right of Way and Utilities	—
Construction	2018-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$600
BART	1,000
Total	\$1,600

Project Pleasant Hill Parking Structure Elevator Renovation (# 10001-07) – continued

Local Agency Project Contracts

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (12/31/2018)	Last Billed Date
16-43-P	9/21/2016	—	9/21/2019	BART	Construction	\$600,000	\$4,647	7/31/2017

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

- The preliminary studies and planning for the access improvements project are complete. The project is now in the design phase and is in coordination with the Transit Village plans.

Issues/Areas of Concern

- Must coordinate funding with STIP funding timelines.

Update from Previous Quarterly Report

- BART completed reviews with the adjacent developer and City of Walnut Creek on the overall proposed project layout.
- BART is confirming fire/life safety, phasing, and placemaking project components.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	2017-2019
Design	2017-2019
Right of Way and Utilities	—
Construction	2020-2023
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
BART Funds	\$100
Measure J – BART	3,850
STIP	5,300
Total	\$9,250

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 (10/31/2018)	Last Billed Date
17-10-P	3/15/2017	—	3/15/2020	BART	Design	\$350,000	\$111,024	8/15/2018

Project	Transit Oriented Development (TOD) and Access Improvements at West Contra Costa BART Stations (# 10002-01)
Sponsor	City of El Cerrito
Subregion	West County

Scope

Construct station and access improvements that will enhance and support the development of transit-oriented development at West County BART stations and help create a sense of "place" in these station areas. These improvements may include parking, pathways, plazas, and sidewalks, upgraded lighting, restroom renovations, bicycle facilities, signage, additional vertical circulation, security features, landscaping, and other public improvements.

Project #1: Multimodal Capital Improvement Program

- The City of El Cerrito has adopted the San Pablo Avenue Specific Plan and Complete Streets Plan and has prepared the Multimodal CIP identifying multimodal transportation improvements within 0.5-mile of both BART stations.

Project #2: Ohlone Greenway BART Station Area Access, Safety, and Placemaking (ASP) Improvement Project

- The project will improve on the mixed used path, landscape, streetscape, and public access along the Ohlone Greenway and adjacent streets at the El Cerrito Plaza and Del Norte BART stations.

Status

- Project #1: Project is complete.
- Project #2: Construction began in April 2018 and is anticipated to be completed in Fall 2018.

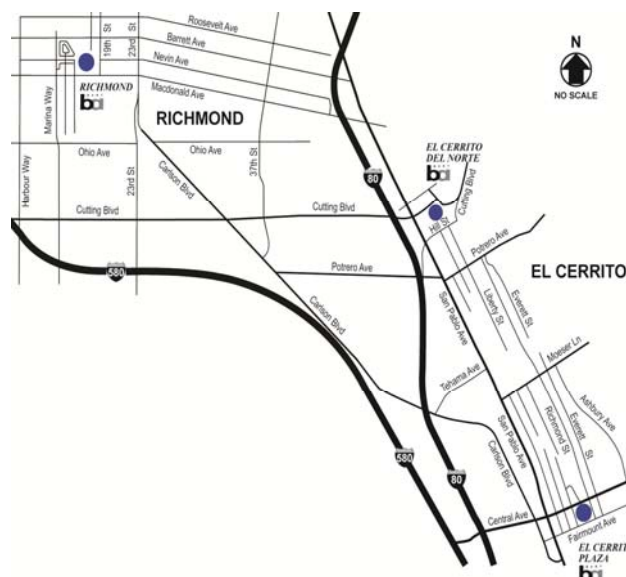
Issues/Areas of Concern

- Project #2: The project construction schedule has been extended to account for changes in work, utility conflicts and utility connections.

Update from Previous Quarterly Report

- Construction is nearing completion except for utility connection. Construction completion expected in January 2019.

Location



**Project Transit Oriented Development (TOD) and Access Improvements at West Contra Costa BART Stations
(# 10002-01) – continued**

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
13-09-P	4/17/2013	—	4/17/2016 / Closed	BART	Preliminary Engineering	\$125,000	\$125,000	10/1/2014
13-14-P	5/15/2013	—	12/31/2016 / Closed	City of El Cerrito	Preliminary Engineering	\$125,000	\$124,366	5/13/2016
15-14-P	4/15/2015	—	4/15/2018 / Closed	City of El Cerrito	Environmental Clearance and Design	\$ 34,462	\$34,462	8/11/2016
16-29-P	6/15/2016	—	6/15/2019	City of El Cerrito	Construction	\$ 265,538	\$265,538	9/26/2018
17-11-P	3/15/2017	—	3/14/2020	City of El Cerrito	Construction	\$ 500,000	\$192,259	9/26/2018

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.

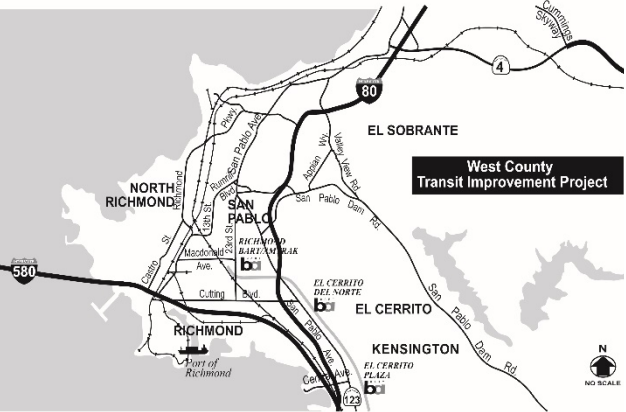
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The bicycle parking installations at the El Cerrito Plaza and Richmond stations are complete. BART staff continues to proceed with close-out steps.
- Project will be moved to completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	Complete
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
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 (10/31/2018)	Last Billed Date
10-04-P	1/20/2010	3	6/30/2019	BART	Design and Construction	\$402,000	\$366,998	5/15/2018

Project	Comprehensive Wayfinding System at West Contra Costa BART Stations (# 10002-05)
Sponsor	BART
Subregion	West County

Scope

Create and implement a cohesive, integrated wayfinding system for west county BART stations to improve orientation, wayfinding, and ease of station use for customers traveling to, from, and through the facilities; facilitate connections with other transit, bicycle, and pedestrian facilities; and encourage new ridership by making services accessible and convenient.

Status

- At its May 8, 2014 board meeting, BART awarded a contract to LC General Engineering and Construction, Inc. for design, construction, and installation of wayfinding signage at 16 BART stations including west Contra Costa County stations. BART issued the construction Notice to Proceed in early January 2015.

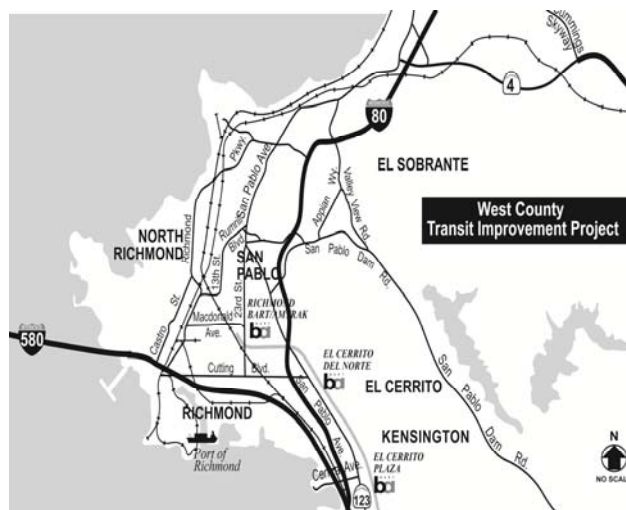
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- BART is continuing design of the Real-Time Displays integration into the BART network. These displays will enhance and improve communication and reliability of information. The implementation is scheduled to be complete by early 2019.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2014-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$1,600
Total	\$1,600

Project Comprehensive Wayfinding System at West Contra Costa BART Stations (# 10002-05) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
10-05-P	1/20/2010	2	6/30/2019	BART	Design and Construction	\$1,600,000	\$1,386,456	11/20/2018

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.

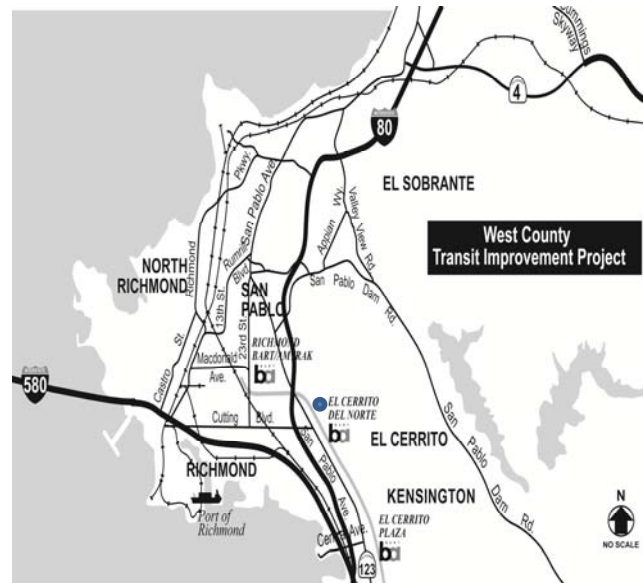
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- BART issued Options 3 (bus shelters) & 4 (ADA, seating and LED lighting) in order to implement a more maintenance-friendly and cost-effective design.
- Completed construction activities include backfill foundations to grade (Phase 1A), and grade beams and elevator pit walls (Phase 2).
- BART staff continues to coordinate with City of El Cerrito staff on their Ohlone Greenway and Paving project, which is adjacent to the Station Modernization project.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	2017-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
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 (10/31/2018)	Last Billed Date
16-17-P	5/18/2016	—	5/18/2019	BART	Construction	\$11,503,000	\$5,338,491	11/14/2018

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

- The project is in the Design Phase.
- The Construction phase is estimated to begin in the second quarter of 2019.

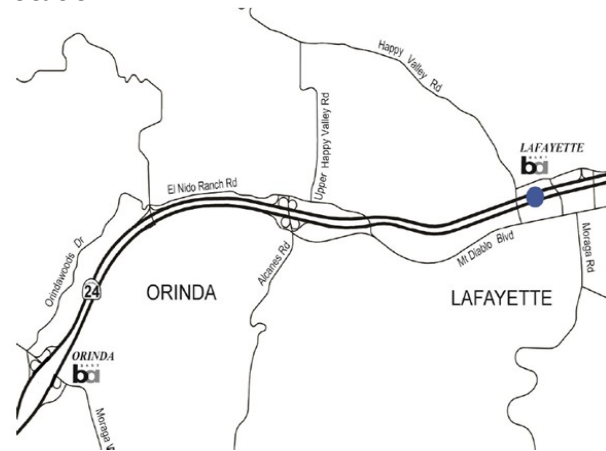
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The City of Lafayette has a design team under contract. Initial site feasibility and engineering studies are underway.

Location



Schedule

	<i>Dates</i>
Planning	—
Environmental Clearance	—
Design	2016-2019
Right of Way and Utilities	—
Construction	2019-2020
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
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 (10/31/2018)	Last Billed Date
18-02-P	1/17/2018	—	1/17/2021	BART	Design	\$25,000	\$0	—

Project	Lafayette Station Site Improvements Project (# 10003-07)
Sponsor	BART
Subregion	Southwest County

Scope

The scope of the project is to construct intermodal improvements in the two lower parking lots on the north side of the Lafayette BART Station. The intermodal improvements will consist of new pavement, new sidewalks with ADA curb ramps, new parking lot lighting and emergency call box, restriping of parking stalls, reconfiguration of vehicle pick-up/drop-off area, new bus stops, and new wayfinding signs.

Status

- Project is in the construction phase.
- Phase 1 is complete.

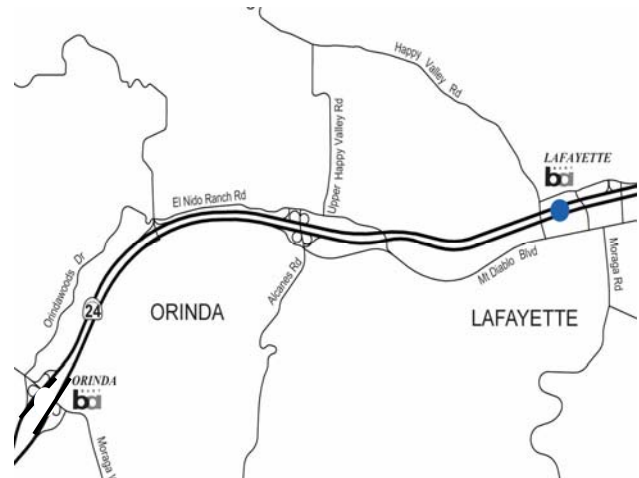
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Phase 2 work, which includes new bus stops and shelters, is substantially complete. BART will proceed with the project close out phase.
- Project will be moved to the completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	—
Construction	Complete
Post Construction	2018-2019

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$1,300
BART	3,840
Prop 84 Grant	2,240
Total	\$7,380

Project Lafayette Station Site Improvements Project (# 10003-07) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
17-09-P	3/15/2017	—	3/15/2020	BART	Construction	\$1,300,000	\$1,235,000	7/12/2018

Project	Downtown Orinda Streetscape Master Plan (# 10003-08)
Sponsor	City of Orinda
Subregion	Southwest County

Scope

The scope of work for the project would include:

- Prepare a draft conceptual design-level plan to update the "Orinda Way Streetscape Master Plan" as the "Downtown Orinda Streetscape Master Plan" with the following changes:
 - Update the existing conceptual design for Orinda Way
 - Add Village district side streets, pedestrian connection to BART and Crossroads district to the conceptual design.
- Identify access improvement projects connecting to the BART station
- Conduct at least two public meetings to review the conceptual plan.
- Prepare a final version of the Downtown Orinda Streetscape Master Plan.
- Begin preparation of design documents based on the conceptual plan to the point necessary for environmental review.
- Conduct environmental review for compliance with the California Environmental Quality Act (CEQA).

Status

- The project was awarded Measure J TLC funds in 2017.

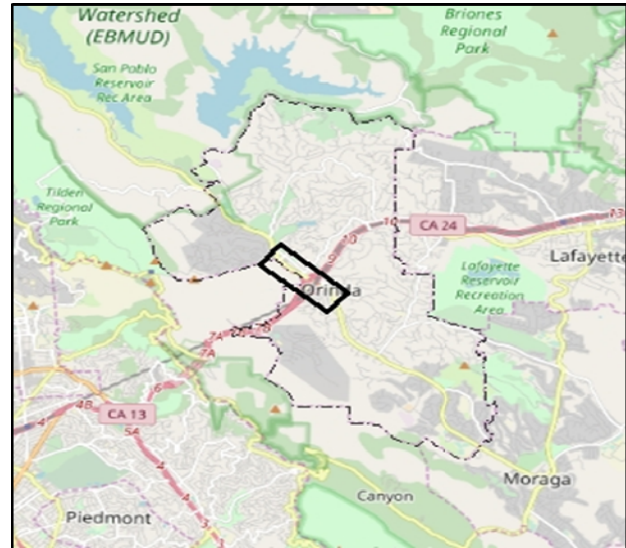
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- City planning staff and the consultant team are formulating project alternatives to be discussed at a workshop scheduled for January 2019.

Location



Schedule

	<i>Dates</i>
Preliminary Studies/Planning	2017-2019
Environmental Clearance	2018-2020
Design	—
Right of Way and Utilities	—
Construction	—
Landscaping	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J – TLC	\$200
Measure J	50
Local – City of Orinda	50
Total	\$300

Project Downtown Orinda Streetscape Master Plan (# 10003-08) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
17-56-G	11/15/2017	—	11/15/2020	City of Orinda	Design and Construction	\$250,000	\$0	—

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.

Status

- The project is in the pre-construction phase.
- Construction is scheduled to begin in FY 2020/21.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The CTC allocated STIP funds for construction at its October 2018 meeting.
- The project is currently being advertised with bids to be opened on January 15, 2019.

Location



Schedule

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

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$6,351
STIP-RIP	2,650
State Match Funds	1,993
Local Funds	7,323
Total	\$18,317

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 (10/31/2018)	Last Billed Date
14-03-P	2/19/2014	—	12/19/2020	Contra Costa County	Design, Environmental Clearance, and ROW	\$2,574,000	\$2,139,872	7/23/2018

Project	Downtown Corridors Traffic Improvements (# 24011)
Sponsor	City of Lafayette
Subregion	Southwest County

Scope

In March 2018, Lafayette completed a traffic study to develop recommendations to improve multi-modal traffic operations while reducing congestion during peak periods in Lafayette's downtown. This project is now in the implementation phase, to design and construct a series of low-cost recommendations resulting from the study. Project can be phased based on available funding.

Status

- Corridor study began in April 2014.
- Study completed in March 2018.
- The project is currently in the implementation phase.

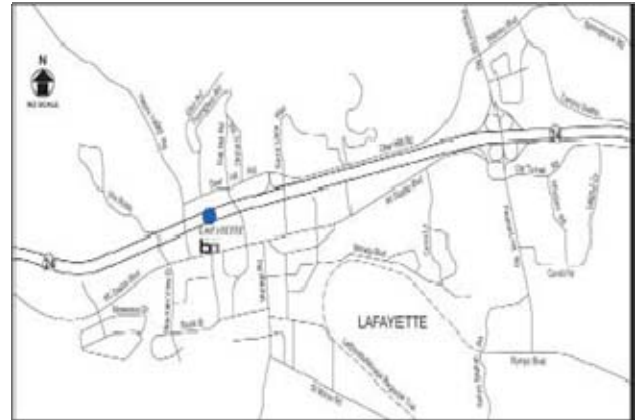
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- The project is currently in the testing phase of the additional right turn lane on Northbound Moraga Road at the intersection of Mount Diablo Boulevard to reduce upstream Moraga Road traffic congestion.
- Final signal timing operation will be finalized in January.
- Additional corridor improvement strategies to be implemented in future phases, based on available funding.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2018-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$56
Total	\$56

Project Downtown Corridors Traffic Improvements (# 24011) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
18-39-P	7/18/2018	—	7/18/2021	City of Lafayette	Construction Phase	\$19,000	\$0	—

Project	Farm Bureau Road Safe Route to School/Complete Streets Improvement (# 24012)
Sponsor	City of Concord
Subregion	Central County

Scope

Construct Safe Route to School / Complete Streets improvements on Farm Bureau Road between Willow Pass Road and Wren Avenue (Phase 1), and between Wren Avenue and Walnut Avenue (Phase 2), including sidewalks, street lighting, on-street parking, Class 2 bicycle lanes, shortened crosswalks, and ADA access.

Status

- Phase 1: Construction is complete.
- Phase 2: The project is currently in construction.

Issues/Areas of Concern

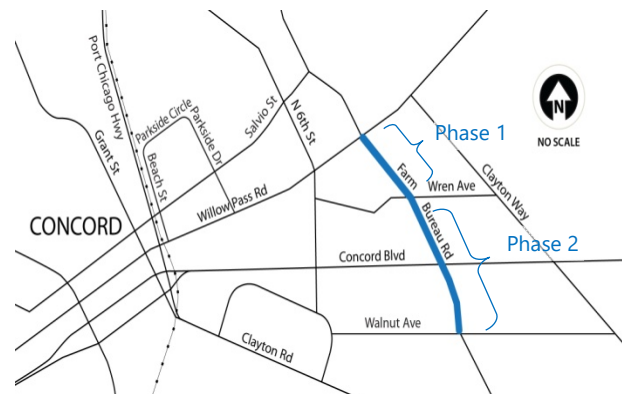
- All project issues such as PG&E utility box adjustments and signal pole installation have been resolved.

Update from Previous Quarterly Report

Phase 2

- All full depth reclamation work has been completed and asphalt paving work is completed as well.
- Roadway utilities, striping, installation of loops and irrigation and landscaping work have all been completed.
- Minor punchlist items remain. Contractor needs to remove his storage yard fence and complete clean-up of this area. Project acceptance by the City Council expected to occur in January 2019.

Location



Schedule

	Dates	
	Phase 1	Phase 2
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	Complete
Right of Way and Utilities	Complete	Complete
Construction	Complete	2018-2019
Post Construction	—	—

Funding by Source (\$ 000s)

	Amount	
	Phase 1	Phase 2
Measure J	\$300	\$3,780
SR2S Grant	400	—
Local	700	400
Total	\$1,400	\$4,180

Project Farm Bureau Road Safe Route to School/Complete Streets Improvement (# 24012) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
15-05-P	2/18/2015	—	2/18/2018 / Closed	City of Concord	Construction	\$281,000	\$281,000	12/14/2016
15-52-P	9/16/2015	1	9/16/2018 / Closed	City of Concord	Design – Phase 2	\$248,442	\$248,442	4/11/2018
17-12-P	4/19/2017	1	4/19/2020	City of Concord	Construction	\$3,551,558	\$1,207,833	8/20/2018

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, and reduce hazards caused by the existing inadequate sight distance, as all vehicles would slow down to 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).

Status

- The project is in environmental clearance and preliminary engineering phase.

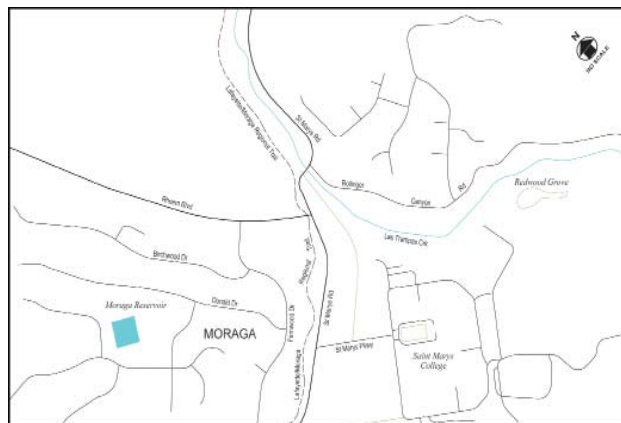
Issues/Areas of Concern

- Project has significant funding shortfall.

Update from Previous Quarterly Report

- The design consultant and City staff presented an update to the Town Council in October on the project, including results from the Benefits/Costs analysis and a summary of the public feedback from the September community meetings.
- Design consultant continues to make progress on environmental clearance and preliminary design.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	2017-2019
Design	2017-2019
Right of Way and Utilities	2018-2020
Construction	2019-2020
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$464
Lamorinda Fee and Finance Authority	141
TBD	6,378
Total	\$6,983

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 (10/31/2018)	Last Billed Date
17-08-P	3/15/2017	—	3/15/2020	Town of Moraga	Environmental Services and Preliminary Design	\$464,000	\$113,870	7/31/2017

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 CEQA document has been adopted by the Town of Moraga. Caltrans has approved the NEPA.
- Design and Right of Way phases are complete.

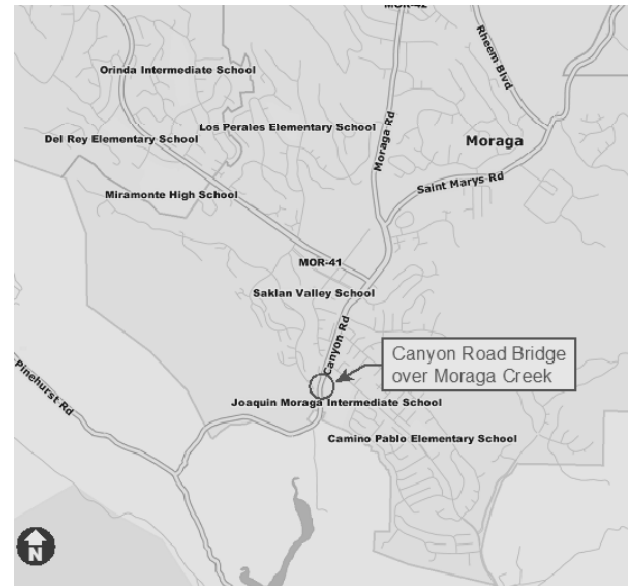
Issues/Areas of Concern

- Project delays due to landslide.

Update from Previous Quarterly Report

- The existing Canyon Road Bridge has been closed since mid-April 2017 due to a landslide damaging the bridge. The Town of Moraga Council has approved funding for a one lane temporary bridge as an emergency project. This temporary bridge was opened to public traffic on November 22, 2017. The alignment for the permanent bridge will be revised to move away from the landslide. This will require some of the Environmental Studies to be updated for the permanent bridge replacement project. These studies have been completed.
- Design has been completed. Request for funding authorization for Construction has been submitted to Caltrans.
- Right of Way acquisition has been completed.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	2018-2019
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$418
Measure J Return to Source	235
Federal Highway Bridge Program	4,242
Total	\$4,895

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 (10/31/2018)	Last Billed Date
14-13-P	4/16/2014	—	3/15/2020	Town of Moraga	Design	\$76,442	\$76,422	7/12/2018

Project	Crow Canyon Road Pavement Rehabilitation (# 24022)
Sponsor	City of San Ramon
Subregion	Southwest County

Scope

The project work includes pavement removal; installing new pavement; pavement grinding; pavement base repairs; installation of traffic signal detector loops; concrete curb, gutter, sidewalk replacement; curb ramp reconstruction for compliance with the Americans with Disabilities Act; utility adjustments; and traffic striping.

Status

- Construction is anticipated to start in Summer 2019.
- The Authority appropriated Measure J funds for the design phase in May 2018.

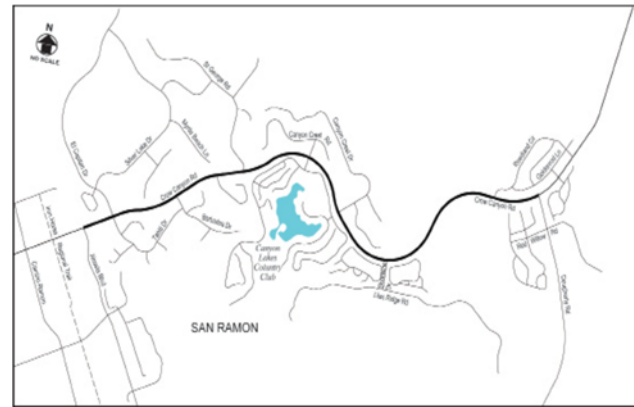
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Design is currently underway. 35% submittal is anticipated in January 2019.

Location



Schedule

	<i>Dates</i>
Preliminary Studies/Planning	Complete
Environmental Clearance	Complete
Design	2018-2019
Right of Way and Utilities	—
Construction	2019-2020
Landscaping	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$1,473
Total	\$1,473

Project Crow Canyon Road Pavement Rehabilitation (# 24022) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
18-20-P	5/18/2018	—	5/18/2021	City of San Ramon	Design	\$250,000	\$0	—

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, stormwater treatment areas, signage, utility adjustments, and relocation of existing roadside features.

Status

- The project is in the design phase.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- NEPA and CEQA documents are complete.
- 65% design completion is expected in January 2019.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	2017-2021
Right of Way and Utilities	2019-2020
Construction	2020-2021
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$1,370
Highway Safety Improvement Program (HSIP)	2,718
Local Funds	57
Total	\$4,145

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 (10/31/2018)	Last Billed Date
17-02-P	2/17/2017	—	2/14/2020	Contra Costa County Public Works	Environmental Clearance and Design	\$243,000	\$49,824	2/08/2018

Project	Alhambra Creek Bridge and Ferry Street Enhancements (# 24031)
Sponsor	City of Martinez
Subregion	Central County

Scope

Construct a vehicle bridge over Alhambra Creek to provide a second connection to the Martinez Intermodal Station Phase 3 parking lot, and the Martinez Regional Shoreline Park; and construct roadway enhancements to Ferry Street from the Union Pacific Railroad right of way to the easterly boundary of the Martinez Intermodal Station Phase 3 parking lot.

Status

- Alhambra Creek Bridge work was accepted as complete by the City Council on February 1, 2017 and a Notice of Completion was filed.
- Ferry Street work is concurrently under construction with the balance of the Intermodal Station Improvements.

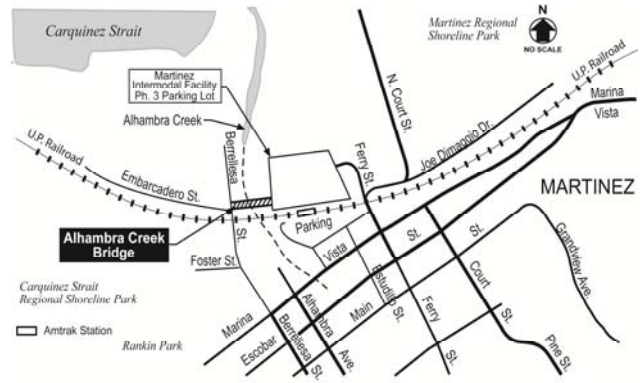
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Construction of the Ferry Street extension is nearing completion and all improvements are expected to be completed by March 1, 2019.

Location



Schedule

	Dates	
	Alhambra Creek Bridge	Ferry Street Enhancements
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	Complete
Right of Way and Utilities	Complete	Complete
Construction	Complete	2017-2019
Post Construction	—	—

Funding by Source (\$ 000s)

	Amount	
	Alhambra Creek Bridge	Ferry Street Enhancements
Measure J	\$3,600	\$6,971
Total	\$3,600	\$6,971

Project Alhambra Creek Bridge and Ferry Street Enhancements (# 24031) – continued

Local Agency Measure C/J Funding Appropriation

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
14-49-P	10/15/2014	1	12/31/2018	City of Martinez	Design	\$573,825	\$418,826	5/31/2018
15-22-P	5/20/2015	1	5/20/2021	City of Martinez	Construction	\$3,081,090	\$2,899,906	5/31/2018
17-21-P	5/17/2017	1	10/18/2020	City of Martinez	Construction	\$6,140,772	\$2,091,193	8/27/2018

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

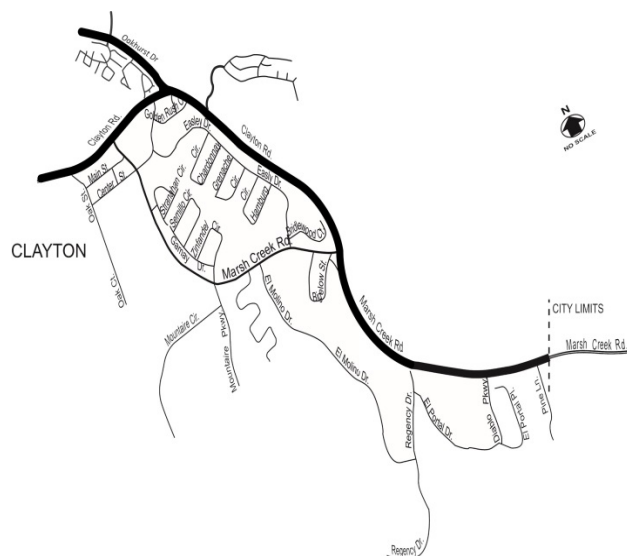
- Phase 1 of the project is complete.
- With the savings from Phase 1, Phase 2 was added to the project per Amendment No. 3 of the 2016 Measure J Strategic Plan.

Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Design of Phase 2 is underway. Scope has been expanded to include more of Pine Hollow Road than simply the north side.
- The City will add local funds to cover the expanded project scope.

Location**Schedule**

	Dates	
	Phase 1	Phase 2
Planning	—	—
Environmental Clearance	Complete	Complete
Design	Complete	2018-2019
Right of Way and Utilities	—	—
Construction	Complete	2018-2019
Post Construction	—	—

Funding by Source (\$ 000s)

	Amount	
	Phase 1	Phase 2
Measure J	\$849	\$375
Total	\$849	\$375

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 (10/31/2018)	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	City of Clayton	Design of Phase 2	\$28,500	\$28,500	7/26/2018

Project	Main Street Downtown Improvements – Vintage Parkway to O’hara Avenue (# 28003)
Sponsor	City of Oakley
Subregion	East County

Scope

The project will update all necessary traffic signal equipment at the intersections of Main Street/Vintage Parkway, Main/Norcross Lane, and Main Street/O’hara Avenue with new ATC 2070 controllers, video detection, and advanced pedestrian push buttons. The existing controller at the intersection of Main Street and Vintage Parkway is currently a 170 controller and will be upgraded to match the two adjacent intersections.

Install communication lines between all three intersections and City Hall to facilitate implementation of a functional Central Management System. The new system will monitor and control traffic flow to adjust time-of-day plans, as needed in the area.

Status

- The project is complete, and all elements have been implemented.

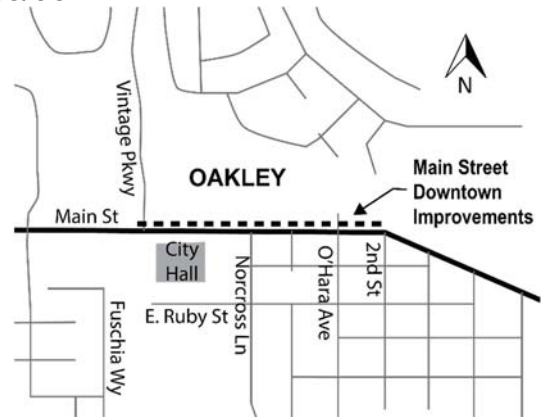
Issues/Areas of Concern

- None.

Update from Previous Quarterly Report

- Final connections to the Central Management System and software configurations were completed on November 14, 2018.
- Ribbon cutting was held in November 2018.
- Project will be moved to the completed list in the next update.

Location



Schedule

	<i>Dates</i>
Planning	Complete
Environmental Clearance	Complete
Design	Complete
Right of Way and Utilities	Complete
Construction	Complete
Post Construction	—

Funding by Source (\$ 000s)

	<i>Amount</i>
Measure J	\$87
Total	\$87

Project Main Street Downtown Improvements – Vintage Parkway to O’hara Avenue (# 28003) – continued

Local Agency Measure C/J Funding Appropriations

Resolution No.	Original Resolution Date	Revision No.	Resolution Expiration	Agency	Description	Appropriated Amount	Billed to Date (10/31/2018)	Last Billed Date
18-01-P	1/17/2018	—	1/17/2021	City of Oakley	Construction and Construction Management	\$87,000	\$26,085	7/31/2018