

City of Fairfield Capital Improvement Program Project Status Report First Quarter 2016

Public Works



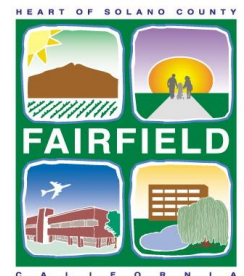
Fairfield/Vacaville Train Station Project



Fairfield Police Lobby Accessibility & Main Patrol Lot Security Improvements



Fairfield/Vacaville Train Station Project



**CITY OF FAIRFIELD
PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENT PROGRAM
PROJECT STATUS REPORT**

**2016
FIRST QUARTER**

The purpose of this report is to summarize the status of all active major¹ Capital Improvement Program (CIP) projects being administered by the Public Works Engineering Division. This report contains all major projects which are expected to be constructed within the next two years.

The City's CIP project volume continues to run at an all-time high. The City's long-term average for projects completed is ten per year with a long-term average value of \$8 million per year.

Section A contains a list of all projects currently under construction or projects that have recently been accepted by the City Council. As detailed in Section A, the City currently has 9 major projects in construction valued at \$47.6 million.

Section B contains a list of all projects being designed and planned to start construction in calendar years 2016 to 2017. As detailed in Section B, the City currently has 20 major projects in design. The estimated combined budget for these 20 projects is \$61.3 million.

¹ A major project is defined as one with a construction budget larger than \$175,000 or whose construction contract is awarded by the City Council.

SECTION A

Major Capital Improvement Program Projects (CIP) in Construction

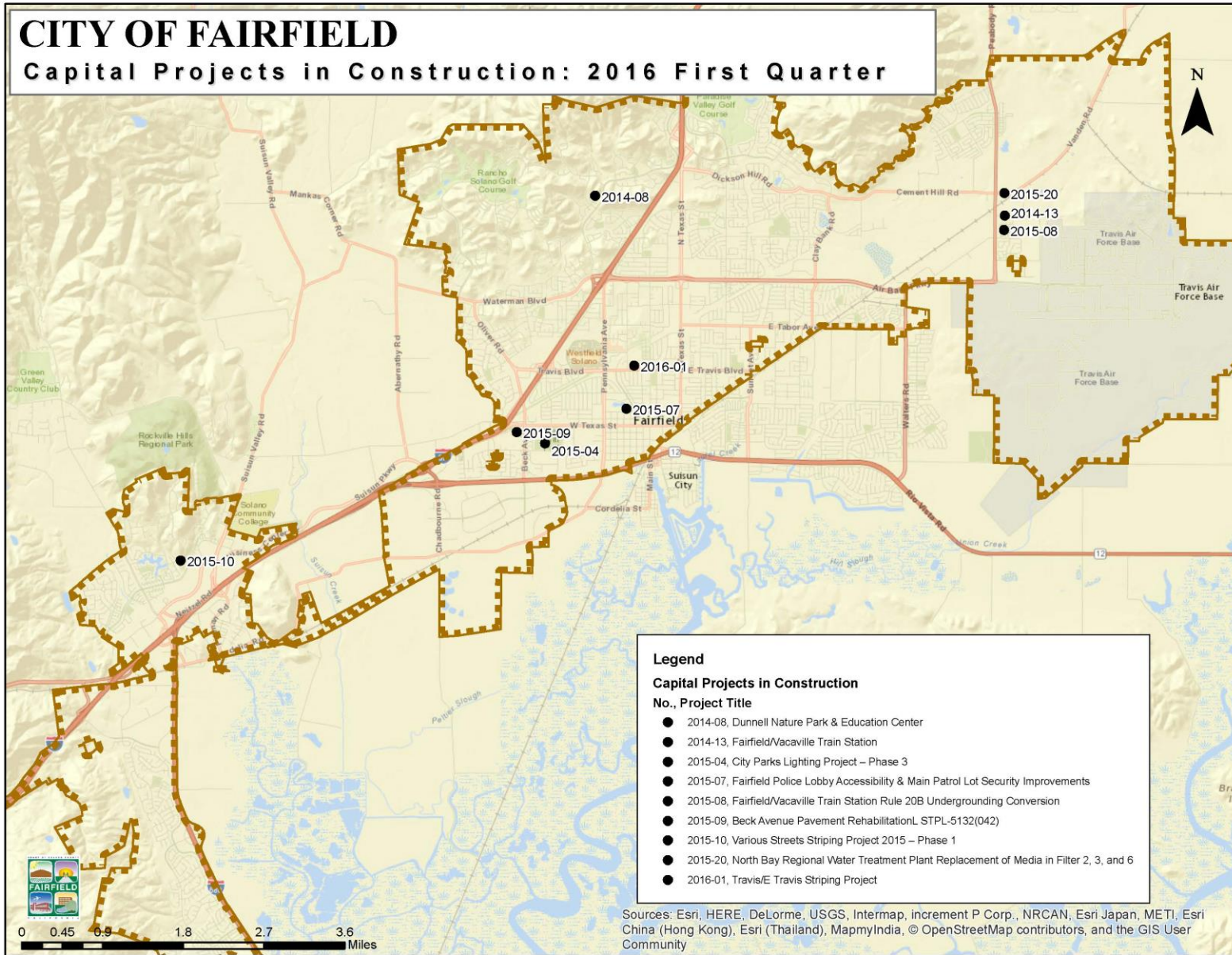
No.	Project Title	ECC
2014-08	Dunnell Nature Park & Education Center	\$ 2,961,420
2014-13	Fairfield/Vacaville Train Station	\$ 38,271,816
2015-04	City Parks Lighting Project – Phase 3	\$ 1,319,885
2015-07	Fairfield Police Lobby Accessibility & Main Patrol Lot Security Improvements	\$ 2,074,661
2015-08	Fairfield/Vacaville Train Station Rule 20B Undergrounding Conversion	\$ 314,600
2015-09	Beck Avenue Pavement Rehabilitation: STPL-5132(042)	\$ 1,481,427
2015-10	Various Streets Striping Project 2015 – Phase 1	\$ 175,086
2015-20	North Bay Regional (NBR) Water Treatment Plant Replacement of Media in filters 2, 3, and 6	\$ 828,626
2016-01	Travis/E. Travis Boulevard Striping Project: HSIPL-5132(043)	\$ 205,664

Notes:

- 1) In Section A, the following abbreviations are used.
 - ECD or “Estimated Completion Date” refers to the point at which all major items of work have been completed and the City has beneficial occupancy/use of the improvements. Acceptance of the project by City Council will follow this date once all punch list items have been completed and approved.
 - ECC or “Estimated Construction Cost,” which includes the original bid award amount plus construction contingency.

SECTION A

Major Capital Improvement Program Projects (CIP) in Construction



SECTION A

Major Capital Improvement Program Projects (CIP) in Construction

2014-08	Dunnell Nature Park & Education Center	
	ECD: Fourth quarter 2015	ECC: \$2,691,420
	Project Inspector: Brian Morris	Contractor: Diede Construction, Inc.

Project Description: Rehabilitate the existing Dunnell house located on Hilborn Road for use as an education/neighborhood center, and convert the grounds to a nature park. The project will be bid as one project with 2 bid schedules to accurately capture the reimbursable scope of work associated with the \$1,350,000 nature education facilities grant awarded to the City.

Project Status: All work has been completed and the project was accepted by the Fairfield City Council on January 19, 2016.

Project Outlook: Remove the project from the CIP report.

SECTION A

Major Capital Improvement Program Projects (CIP) in Construction

2014-13	Fairfield/Vacaville Train Station	
	ECD: First quarter 2017	ECC: \$38,271,816
	Project Inspector: Mike Pierce	Contractor: Teichert/CM Myers Joint Venture

Project Description: Construction of a train station near the intersection of Peabody Road and Vanden Road, and construction of a separated grade crossing on Peabody Road between Vanden Road and Whitney Drive. Widening of Peabody Road from new Markeley Road to Huntington Drive/Whitney Drive was added to the project as a result of property acquisition from Clorox.

Project Status: The embankment for both south and north of the UPRR tracks has been completed. The mechanically stabilized earth (MSE) walls have been completed, but there is an issue with a portion of one of the walls north of the UPRR tracks. Construction of Bent 2 and Bent 3 is complete. All 24 girders have been fabricated and installed. The project is 50% complete.

Project Outlook: Resolve the issue with the MSE wall north of the UPRR tracks. Complete the pedestrian underpass south of the UPRR tracks and begin construction of the pedestrian underpass north of the UPRR tracks. Install the roadway section for Peabody Road. Tentative completion date is winter 2017.

2015-04	City Parks Lighting Project – Phase 3	
	ECD: Second quarter 2016	ECC: \$1,319,884
	Project Inspector: Doug Gilman	Contractor: Pacific Excavation

Project Description: Installation of energy-efficient LED lighting and teen deterrent systems at Alan Witt Park.

Project Status: The teen deterrent systems have been installed. City staff to begin installing the security cameras in May 2016. The project is 95% complete.

Project Outlook: Install the security cameras. Tentative completion date is spring 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

2015-07	Fairfield Police Lobby Accessibility & Main Patrol Lot Security Improvements	
	ECD: Second quarter 2016	ECC: \$1,954,738
	Project Inspector: Brian Morris	Contractor: S.W. Allen Construction, Inc.

Project Description: ADA and security improvements to the Police Department lobby and adjoining work areas, replace a portion of the roof, install additional HVAC equipment, and the installation of new security fencing with lighting in the parking lot at the intersection of Webster Street and Kentucky Street.

Project Status: All interior remodel work has been completed and the exterior security fencing has been installed. The Contactor is completing the landscaping work and the security system for the vehicular and pedestrian gates. The project is 90% complete.

Project Outlook: Complete the landscape installation and the security improvements. Tentative completion date is summer 2016.

2015-08	Fairfield/Vacaville Train Station Rule 20B Undergrounding Conversion	
	ECD: Second quarter 2016	ECC: \$314,600
	Project Inspector: Chris Chan	Contractor: Teichert Pipelines

Project Description: Underground the existing overhead utilities on Vanden Road from Peabody Road to 500 feet east of Peabody Road, and add a PG&E gas line to the joint trench package.

Project Status: AT&T has installed all of their conductors and fiber. The utility poles have been removed. The project is 99% complete.

Project Outlook: Complete punch list items and accept the project. Tentative completion date is spring 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

2015-09	Beck Avenue Pavement Rehabilitation: STPL-5132(042)	
	ECD: Second quarter 2016	ECC: \$1,481,427
	Project Inspector: Doug Gilman	Contractor: Ghilotti Brothers, Inc.

Project Description: Pavement rehabilitation of Beck Avenue from State Highway 12 to West Texas Street, including ADA accessibility improvements.

Project Status: The excavated soil has been removed from the project site. The project is 99% complete.

Project Outlook: Complete punch list items and accept the project. Tentative completion date is spring 2016.

2015-10	Various Streets Striping Project 2015 – Phase 1	
	ECD: Second quarter 2016	ECC: \$175,086
	Project Inspector: Chris Chan	Contractor: Centerline Striping Co

Project Description: Replace the striping on the following street segments: Pennsylvania Avenue (Illinois Street to Cunningham Drive); Dickson Hill Road (North Texas Street to Manuel Campos Parkway); Pacific Avenue (Fairfield Avenue to North Texas Street); Westamerica Drive (Business Center Drive to Suisun Valley Road); Union Avenue (Ohio Street to Alaska Avenue); and Sunset Avenue (East Travis Boulevard to East Tabor Avenue).

Project Status: All pavement markers have been installed. The project is 99% complete.

Project Outlook: Complete punch list work and accept the project. Tentative completion date is spring 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

2015-20	North Bay Regional (NBR) Water Treatment Plant Replacement of Media in Filters 2, 3, and 6	
	ECD: Fourth quarter 2017	ECC: \$828,626
	Project Inspector: Chris Chan	Contractor: Carbon Activated Corporation

Project Description: Removal and replacement of the granulated activated carbon (GAC) and sand in Filters 2, 3, and 6, along with replacing any broken filter nozzles.

Project Status: A construction contract was awarded by the Fairfield City Council on January 19, 2016. Signed contracts, bonds, and insurance have been returned. Staff to inspect the GAC at the plant in April 2016 before it is shipped to the United States. The project is 0% complete.

Project Outlook: Ship the GAC to the United States. Deliver enough GAC and sand to the NBR plant for the replacement of media in Filters 2 and 3. Remove the existing GAC and sand from Filters 2 and 3. Tentative completion date is fall 2017.

2016-01	Travis/E. Travis Boulevard Striping Project: HSIPL-5132(043)	
	ECD: Second quarter 2016	ECC: \$205,664
	Project Inspector: Doug Gilman	Contractor: Crisp Company

Project Description: Replace the striping on Travis Boulevard (Highway 80 to Pennsylvania Avenue) and on E. Travis Boulevard (Pennsylvania Avenue to Sunset Avenue).

Project Status: A construction contract was awarded by the Fairfield City Council on March 15, 2016. A request for signed contracts, bonds, and insurance has been sent to the contractor. The project is 0% complete.

Project Outlook: Receive signed contracts, bonds and insurance from the contractor. Hold pre-construction meeting. Begin construction. Tentative completion date is spring 2016.

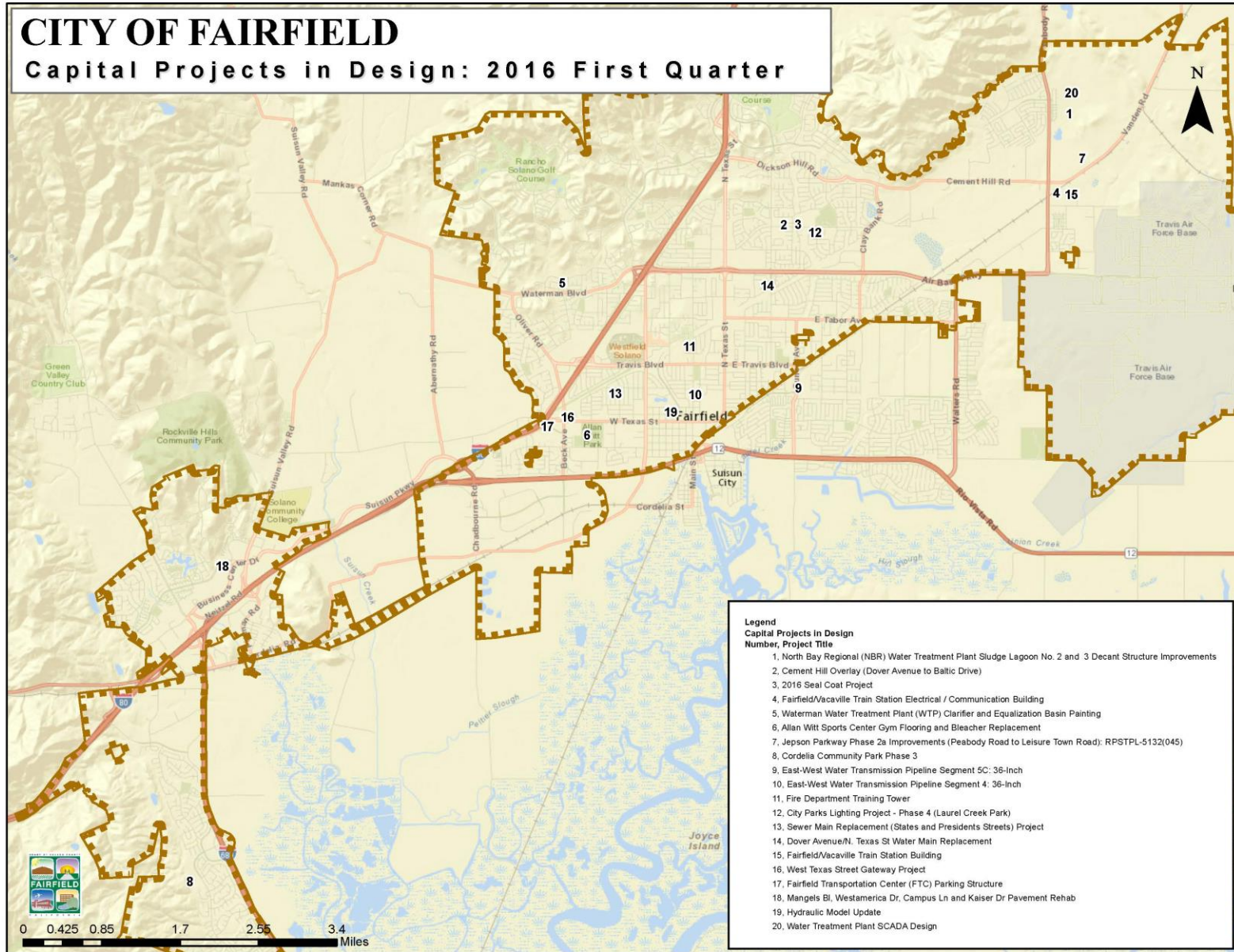
SECTION B

Major Capital Improvement Program Projects (CIP) in Design

No.	Project Title	Estimated Construction Cost
1	North Bay Regional (NBR) Water Treatment Plant Sludge Lagoon No. 2 and 3 Decant Structure Improvements	\$ 500,000
2	Cement Hill Overlay (Dover Avenue to Baltic Drive)	\$ 310,000
3	2016 Seal Coat Project (Laurel Creek and Travis Meadows)	\$ 1,900,000
4	Fairfield/Vacaville Train Station Electrical/Communication Building	\$ 250,000
5	Waterman Water Treatment Plant (WTP) Clarifier and Equalization Basin Painting	\$ 200,000
6	Allan Witt Park Sports Center Gym Floor and Bleacher Replacement	\$ 320,000
7	Jepson Parkway Phase 2a Improvements (Peabody Road to Leisure Town Road): RPSTPL-5132(045)	\$ 15,000,000
8	Cordelia Community Park Phase 3 Improvements	\$ 2,850,000
9	East-West Water Transmission Pipeline Segment 5C, 36-Inch	\$ 2,700,000
10	East-West Water Transmission Pipeline Segment 4, 36-Inch	\$ 2,700,000
11	Fire Department Training Tower	\$ 850,000
12	City Parks Lighting Project Phase 4 (Laurel Creek Park)	\$ 1,340,000
13	North Bay Regional Water Treatment Plant SCADA Upgrade	\$ 2,000,000
14	Sewer Main Replacement (States and Presidents Streets) Project	\$ 1,000,000
15	Dover Avenue/N. Texas Street Water Main Replacement	\$ 1,450,000
16	Fairfield/Vacaville Train Station Building	\$ 4,000,000
17	West Texas Street Gateway Project	\$ 3,000,000
18	Fairfield Transportation Center (FTC) Parking Structure	\$ 20,000,000
19	Hydraulic Model Update	\$ 400,000
20	E. Tabor Avenue Sidewalk Improvements	\$ 1,000,000

SECTION B

Major Capital Improvement Program Projects (CIP) in Design



SECTION B

Major Capital Improvement Program Projects (CIP) in Design

1	North Bay Regional (NBR) Water Treatment Plant Sludge Lagoon No. 2 and 3 Decant Structure Improvements	\$500,000
Designer	West Yost Associates	
Project Engineer	William Miller	
Bid Award Date	Second quarter 2016	
Construction Completion	Third quarter 2016	

Project Description: Removal and replacement of the existing decant structure for Sludge Lagoons No. 2 and 3.

Project Status: Held bid opening on April 19, 2016. The award of a construction contract is scheduled for City Council approval on May 3, 2016.

2	Cement Hill Road Overlay (Dover Avenue to Baltic Avenue)	\$310,000
Designer	City staff	
Project Engineer	Peter Wright	
Bid Award Date	Second quarter 2016	
Construction Completion	Third quarter 2016	

Project Description: Asphalt concrete overlay of Cement Hill Road from Dover Avenue to Baltic Drive.

Project Status: Project out to bid with bid opening scheduled for April 26, 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

3	2016 Seal Coat Project (Laurel Creek and Travis Meadows)	\$1,900,000
Designer	City staff	
Project Engineer	Peter Wright	
Bid Award Date	Second quarter 2016	
Construction Completion	Third quarter 2016	

Project Description: Application of an asphalt rubber cape seal on Cement Hill Road (Baltic Drive to Clay Bank Road), Dover Avenue (Cement Hill Road to Dickson Hill Road), Lyon Road (Hilborn Road to City Limits), and on various streets in the Laurel Creek and Travis Meadows Subdivision areas, along with application of a slurry seal with fiber additive on Industrial Drive and Industrial Court.

Project Status: Completing final bid documents. Project scheduled to go out to bid in April 2016.

4	Fairfield/Vacaville Train Station Electrical/Communication Building	\$250,000
Designer	FMG Architects	
Project Engineer	Ryan Panganiban	
Bid Award Date	First quarter 2016	
Construction Completion	Third quarter 2016	

Project Description: Construction of an electrical/communication building for the Fairfield/Vacaville Train Station.

Project Status: Completing final bid documents. Project scheduled to go out to bid in April 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

5	Waterman Water Treatment Plant (WTP) Clarifier and Equalization Basin Painting	\$200,000
Designer	City staff	
Project Engineer	William Miler	
Bid Award Date	Third quarter 2016	
Construction Completion	Fourth quarter 2016	

Project Description: Painting of the clarifier and equalization basin, including all valves and appurtenances .

Project Status: Completing final bid documents. Project scheduled to go out to bid in late May/early June 2016.

6	Allan Witt Park Sports Center Gym Floor and Bleacher Replacement	\$320,000
Designer	City staff	
Project Engineer	Fred Beiner	
Bid Award Date	Second quarter 2016	
Construction Completion	Third quarter 2016	

Project Description: Remove and replace the existing flooring and bleachers at the Allan Witt Sports Center.

Project Status: Waive competitive bidding and sole source the project to Western Floor Service, Inc. (Gym floor) & Southwest Interiors, Inc. (Bleachers).

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

7	Jepson Parkway Phase 2a Improvements (Peabody Road to 1,500' s/o of Canon Road): RPSTPL-5132(045)	\$15,000,000
Designer	Carlson, Barbee & Gibson	
Project Engineer	Peter Wright	
Bid Award Date	Third quarter 2016	
Construction Completion	Fourth quarter 2017	

Project Description: Roadway widening and infrastructure improvements to Vanden Road from Peabody Road to the future lake entrance (Approximately 1,500 feet south of the Canon Road intersection).

Project Status: The California Transportation Commission (CTC) allocation request for construction funding was not approved in December 2015 due to a funding shortfall. It is anticipated that funding will be available in June-August of 2016. An allocation request will be submitted for the June 2016 CTC meeting. AT&T has begun utility relocation work. The escrow agreement with Kinder Morgan has been completed. Kinder Morgan to begin utility relocation work in May 2016. PG&E to begin utility relocation work once it has been established that the proposed relocation location is not within the Union Pacific Railroad (UPRR) right-of-way. A request for construction authorization will be sent to Caltrans after confirmation that the CTC has approved the allocation request.

8	Cordelia Community Park Phase 3 Improvements	\$2,850,000
Designer	Callander Associates	
Project Engineer	Fred Beiner	
Bid Award Date	Third quarter 2016	
Construction Completion	Third quarter 2017	

Project Description: Construction of additional parking, a multi-use field, tennis courts, an additional picnic shelter, putting green, and a senior citizen fitness station at the Cordelia Community Park.

Project Status: Consultant preparing 100% bid documents. Project scheduled to go out to bid in June 2016.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

9	East-West Water Transmission Pipeline Segment 5C, 36-Inch	\$2,700,000
Designer	Creegan + D'Angelo	
Project Engineer	Sharon Chan	
Bid Award Date	Third quarter 2016	
Construction Completion	Third quarter 2017	

Project Description: Installation of a 36-inch diameter buried potable water transmission pipeline including valves and manholes, within the City of Suisun City and Solano County (Railroad Avenue from Worley Road to 500 feet east of Sunset Avenue).

Project Status: Bid documents have been completed. Received permit from the United States Bureau of Reclamation. Received pipeline easement from the City of Suisun City. Waiting for PG&E to relocate a gas line before going out to bid.

10	East-West Water Transmission Pipeline Segment 4, 36-Inch	\$2,700,000
Designer	Creegan + D'Angelo	
Project Engineer	Sharon Chan	
Bid Award Date	First quarter 2017	
Construction Completion	Fourth quarter 2017	

Project Description: Installation of a 36-inch diameter buried potable water transmission pipeline including valves and manholes, from Union Avenue to Railroad Avenue (500 feet east of Sunset Avenue).

Project Status: Consultant responding to comments on the 90% bid documents.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

11	Fire Department Training Tower	\$850,000
Designer	City staff	
Project Engineer	Ryan Panganiban	
Bid Award Date	Third quarter 2016	
Construction Completion	Fourth quarter 2016	

Project Description: Demolition of a modular building and construction of a training tower at the vehicle maintenance facility located on Union Avenue.

Project Status: Asbestos survey completed on the modular building. Contractor selected for the asbestos abatement and modular building demolition. Confirming project scope for the training tower and beginning preparation of bid documents.

12	City Parks Lighting Project Phase 4 (Laurel Creek Park)	\$1,340,000
Designer	Stantec Consulting Services Inc.	
Project Engineer	Fred Beiner	
Bid Award Date	Third quarter 2017	
Construction Completion	Second quarter 2018	

Project Description: Installation of lighting and security cameras at Laurel Creek Park.

Project Status: Preliminary design will begin once the mid -year budget is approved.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

13	North Bay Regional (NBR) Water Treatment Plant SCADA Upgrade	\$2,000,000
Designer	Kennedy/Jenks Consultants	
Project Engineer	Jay Swanson	
Bid Award Date	Third quarter 2016	
Construction Completion	Fourth quarter 2017	

Project Description: Installation of a new Supervisory Control and Data Acquisition (SCADA) System for the NBR Water Treatment Plant.

Project Status: Reviewing 50% bid documents. 2015 fourth quarter project status report showed a budget of \$500,000, which was for design only. Current budget is for construction.

14	Sewer Main Replacement (States and Presidents Streets) Project	\$1,000,000
Designer	NV5	
Project Engineer	William Miller	
Bid Award Date	Fourth quarter 2016 (Phase 1)	
Construction Completion	Fourth quarter 2017 (Phase 1)	

Project Description: Replace 50-year old sewer lines, sewer laterals, and rodding inlets (with sewer manholes) in the portion of the City surrounded by Travis Boulevard, North Texas Street, West Texas Street, and Highway 80. Estimated construction cost is for Phase 1 only.

Project Status: Consultant Services Agreement with NV5 approved by the Fairfield City Council on February 16, 2016. Consultant reviewing record drawings, performing survey work and geotechnical investigation.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

15	Dover Avenue/N. Texas Street Water Main Replacement	\$1,450,000
Designer	TBD	
Project Engineer	Sharon Chan	
Bid Award Date	TBD	
Construction Completion	TBD	

Project Description: Replacement of the water main in Dover Avenue between Air Base Parkway and Nightingale Drive and in North Texas Street between Travis Boulevard and Air Base Parkway.

Project Status: Preparing a Request for Proposal (RFP) for design services.

16	Fairfield/Vacaville Train Station Building	\$4,000,000
Designer	FMG Architects	
Project Engineer	Ryan Panganiban	
Bid Award Date	TBD	
Construction Completion	TBD	

Project Description: Construct a building at the Fairfield/Vacaville Train Station site to include restrooms, sitting areas, signing, informational displays, and amenities for future services.

Project Status: Received an allocation of \$800,000 from the Federal Transportation Authority (FTA) for the design phase of the project. Reviewing concept drawings provided by the Consultant for various design concepts. Project is funded for design only.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

17	West Texas Street Gateway Project	\$3,000,000
Designer	Transportation Infrastructure Group (TIG)	
Project Engineer	James Paluck	
Bid Award Date	TBD	
Construction Completion	TBD	

Project Description: Modifications to the eastbound off-ramp at W. Texas Street, eliminating the free right turn movement onto W. Texas Street and constructing a bus-only movement from the ramp into the Fairfield Transportation Center.

Project Status: Received comments from Caltrans on the bid documents. Reviewing comments to see if a response is appropriate at this time. Investigating construction funding opportunities. Project is funded for design only.

18	Fairfield Transportation Center (FTC) Parking Structure	\$26,000,000
Designer	Dreyfuss & Blackford	
Project Engineer	Peter Wright	
Bid Award Date	TBD	
Construction Completion	TBD	

Project Description: Construct a 600-1200 space multi-story parking structure at the site of an at-grade 200 space parking lot adjacent to the FTC.

Project Status: Received an allocation of \$700,000 from the Federal Transportation Authority (FTA) for the pre-design phase of the project. Consultant prepared 3 concept drawings in preparation of the open house. Held open house on March 23, 2016 so the public could review and comment on the conceptual drawings. Reviewed comments received at the open house. Consultant refining drawings based on comments received from the public and staff. Project is funded for preliminary design only.

SECTION B

Major Capital Improvement Program Projects (CIP) in Design

19	North Bay Regional Water Treatment Plant Hydraulic Model Upgrade Project – Phase 1, GIS Update	\$600,000
Designer	West Yost Associates	
Project Engineer	Jay Swanson	
Bid Award Date	N/A	
Construction Completion	N/A	

Project Description: Improve the quality of the water data in the Geographical Information System (GIS) to help City staff more accurately budget annual capital and maintenance expenditures. This is the first phase of a multi-phased project to update the existing hydraulic model. Funding shown is for Phase 1 only.

Project Status: Continue to update the water distribution system map books.

20	E. Tabor Avenue Sidewalk Improvements	\$1,000,000
Designer	TBD	
Project Engineer	Peter Wright	
Bid Award Date	TBD	
Construction Completion	TBD	

Project Description: Construction of a sidewalk on the north side of East Tabor Avenue between 500 east of Clay Bank Road and Railroad Avenue.

Project Status: Received a Lifeline Transportation Program Grant in the amount of \$152,000 for predesign services. Request for proposals were to be submitted by March 20, 2016. Received 3 proposals. Reviewed proposals and determined which firm was the most qualified. Reviewing cost proposal from the most qualified firm Project is funded for predesign costs only.