

Three Rivers Levee Improvement Authority

200-year Goldfields Levee Project

**Urban Flood Risk Reduction
Funding Agreement #4600012115
dated: October 4, 2017**

**Quarter 10 Report
January – March 2020**

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Executive Director**



May 11, 2020

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1. Background

As part of its 200-Year Goldfields Levee Project (Project), the Three Rivers Levee Improvement Authority (TRLIA) is constructing a new levee, approximately 2.6 miles long, to replace the deteriorating conditions of the high ground at the termination of the State Plan of Flood Control (SPFC) near the Yuba Goldfields. The Project is being funded by the State of California Urban Flood Risk Reduction (UFRR) Program via Funding Agreement #4600012115, which became effective on October 4, 2017. The cost of the Project has increased to \$53,958,430. The State has increased its funding commitment to \$42,529,251. An amendment to the UFRR agreement reflecting this State funding was executed on April 18, 2020.

2. Summary

Significant activities and milestones occurring in the current quarter include:

- Development of For Bid documents
- Construction contract advertisement and bidding
- Continuation of real estate appraisals and offers

As summarized in Table 2-1 and further detailed in Sections 9 & 10, TRLIA is requesting an advance payment for Quarter 12 (July – September 2020) projected work in the amount of: \$4,805,725. This payment request is net any required withholding and reflective of adjustments for all prior advanced funds. These funds requested for the 12th quarter will continue to support ongoing construction.

TRLIA is also requesting a reimbursement for the Local Share funds expended during the 9th Quarter (October – December 2019) based on available Local Credit and the costs documented within the 9th Quarter SOC submitted with this Quarter 10 report. TRLIA requests reimbursement for the Local Share of expended funds in the amount of \$84,637.

Table 2-1 on the following page summarizes the total payment requested with this Quarter 10 Report.

Table 2-1 Quarterly Payment Summary

Description	Amount
90% of State Share Advance for Elements 1-4, 6&7 [1]	\$4,805,725
Local Credit True-Up [2]	\$84,637
Total Quarterly Payment Request	\$4,890,362

[1] Represents Quarter 12 net of True-up for previously advanced funds through QPR 10. Excludes ROW Capital Costs (Element 5)

[2] Represents QPR 10 True-Up for Oct-Dec 2019

3. Project Scope of Work

This report covers the following quarters:

- Previous Quarter October – December (Quarter 9)
- Current Quarter January – March 2020 (Quarter 10)
- Next Quarter April – June 2020 (Quarter 11)

The following is a discussion of the work completed in the Previous Quarter, work occurring in the Current Quarter, and work planned for the Next Quarter.

3.1. Element 1: Grant Application

Complete. UFRR Funding Agreement #4600012115 was executed in October 2017.

3.2. Element 2: Program Management

Previous Quarter. TRLIA continued to support program implementation, which included advancing design; acquiring permits; right of way acquisition; performing public outreach; adding the Project to the SPFC; execution of an Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) agreements financial reporting; and grant and funding agreement administration, throughout the duration of the Project.

Current Quarter. Same as previous quarter. TRLIA program management activities will begin to pivot to construction activities. Processing of a the USACE Memorandum of Agreement (MOA) for Section 1305 (see Section 7 for more information) continues.

Next Quarter. Same as previous quarters but efforts will pivot to construction. TRLIA anticipates that the Section 1305 MOA will be executed in May 2020. See Section 7 for more information.

3.3. Element 3: Design and Right-of-Way Support

Previous Quarter.

Design: Design activities during the previous quarter were focused on developing the 100% design package and distribution to the agencies and independent panel.

Right-of-Way Support: Significant ROW activities for the previous quarter were accomplished including appraisals and offer package updates.

Current Quarter.

Design: Design activities have slowed and during the current quarter were focused on developing the For-Bid design package.

Right-of-Way Support: Significant ROW activities for the current quarter were completed and continue. Signed offer agreements were obtained for all full take residential acquisitions. TRLIA began condemnation proceedings for the Beery Parcel (i.e., Road 1034 coincident parcel). For other non-residential parcels and partial acquisitions, TRLIA developed and provided owners with offer packages. The current status of acquisitions is provided in Section 3.5.

One additional outstanding acquisition, a 25-year easement with Beale Air Force Base, continues to be processed. TRLIA anticipates this easement will be executed by the end of the next quarter.

In addition to the acquisition activities, significant effort is underway to facilitate relocations of residences in time for construction.

Next Quarter.

Design: Design activities planned for the next quarter are limited. Activities will be focused on completing comment and response tables and obtaining SAR letter from the SAR Panel. Coordination with utility owners and other stakeholders to continue but under the construction management element.

Right-of-Way Support: ROW support activities during the next quarter are expected to continue, albeit at a slower pace, as TRLIA completes the last

acquisitions. Relocation efforts will also continue but are significantly less than the prior quarter as residents are vacating by early May.

3.4. Element 4: Environmental Review and Permitting

Previous Quarter.

Environmental Review: *Complete.*

Permitting: Limited activity occurred during the prior quarter. Activities are focused on agency coordination for processing of the USACE Section 404, CA DFW 1600, RWQCB Section 401, and CVFPB Encroachment permits.

Current Quarter.

Environmental Review: *Complete.*

Permitting: Limited activity is occurring during the current quarter. Activities are focused on agency coordination for processing of the USACE Section 404, CA DFW 1600, RWQCB Section 401, and CVFPB Encroachment permits. The 1600 (Streambed Alteration Agreement) was received and executed between TRLIA and CADFW. Additionally, CVFPB approved the encroachment permit at its February 2020 meeting.

Next Quarter.

Environmental Review: *Complete.*

Permitting: Limited activity is planned. Activities will be focused on agency coordination for processing of the Section 401 and 404 permits which are expected to be received in May.

3.5. Element 5: Right-of-Way Acquisition

Previous Quarter. Acquisition agreements with the residential (full-take) parcels were executed and/or negotiated.

Current Quarter. TRLIA will own all of the residential (full-take) parcels by the end of the current quarter. Outstanding acquisitions include the 25-year easement with Beale Air Force Base, Triangle Properties, Barker parcel, Beery parcel (Road 1034), and mobile home acquisition on Triangle Properties property.

Next Quarter. TRLIA will have completed all acquisitions by the end of the next quarter with the exception of Triangle Properties tenant. With the exception of the Triangle Properties tenant and Mr. Sanders, all residents will be relocated by early May. The outstanding residents will remain in their homes until further notice; construction will proceed around these residences.

One additional outstanding acquisition, a 25-year easement with Beale Air Force Base, continues to be processed. TRLIA anticipates this easement will be executed by the end of the next quarter.

3.6. Element 6: Construction, Mitigation, and other Project activities

Previous Quarter. No Activity.

Current Quarter. Construction management activities begin in the current quarter as the project transitions from design to construction. For Bid documents were developed and the project was advertised for bids in February 2020. A bid opening was held in March and award occurred in April (next quarter).

Mitigation for the project generally occurs concurrent with construction activities. This includes pre-construction bio surveys, contractor avoidance measures, and air quality estimating. These activities are expected to begin in earnest in the next quarter. However, during this quarter, a deposit to the air quality district was made in accordance with the commitments in the CEQA documents.

Next Quarter. Construction management will be significant beginning in the next quarter and continue throughout construction. The construction contract was awarded to Teichert in April. Notice to Proceed was issued on May 5, 2020, with limitations outlined due to specific real estate and permitting items that are pending resolution.

3.7. Element 7: Closeout Process

Previous Quarter. No Activity

Current Quarter. No Activity

Next Quarter. No activity.

4. Project Schedule

TRLIA anticipates delivering the Project within the original timeframe (2021), and prior to the expiration of the UFRR Funding Agreement (2022).

Figure 4-1. Schedule of 200-Year Goldfields Project

ID	Task Name	Duration	Start	Finish	2019				2020				2021				2022					
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
1	Element 1: Grant Application	26 days	Fri 5/15/15	Fri 6/19/15																		
2	Feature 1: Grant Application Efforts	26 days	Fri 5/15/15	Fri 6/19/15																		
3	Element 2: Program Management	1838 days	Fri 5/15/15	Tue 5/31/22																		
4	Feature 1: Government Salaries, Benefits and General Expense	1838 days	Fri 5/15/15	Tue 5/31/22																		
5	Feature 2: Program Consultant Expenses	1838 days	Fri 5/15/15	Tue 5/31/22																		
6	Feature 3: Legal Support	1838 days	Fri 5/15/15	Tue 5/31/22																		
7	Element 3: Design and Right of Way Support	1271 days	Mon 9/19/16	Mon 8/2/21																		
8	Feature 1: Design	901 days	Mon 9/19/16	Mon 3/2/20																		
9	Feature 2: Right of Way Support	1154 days	Wed 3/1/17	Mon 8/2/21																		
10	Element 4: Environmental Review and Permitting	850 days	Wed 1/18/17	Tue 4/21/20																		
11	Feature 1: CEQA and NEPA Process	700 days	Mon 5/1/17	Fri 1/3/20																		
12	Feature 2: Permitting and Addition to the SPFC	850 days	Wed 1/18/17	Tue 4/21/20																		
13	Element 5: Right of Way Acquisition (Post Addition to SPFC)	260 days	Tue 8/6/19	Mon 8/3/20																		
14	Feature 1: Right of Way Capital Cost	260 days	Tue 8/6/19	Mon 8/3/20																		
15	Element 6: Construction, Mitigation, and Other Project Activities (Post Addition to SPFC)	476 days	Tue 11/5/19	Tue 8/31/21																		
16	Feature 1: Construction	189 days	Wed 4/1/20	Mon 12/21/20																		
17	Feature 2: Construction Management	234 days	Wed 4/1/20	Mon 2/22/21																		
18	Feature 3: Environmental Mitigation	107 days	Tue 11/5/19	Wed 4/1/20																		
19	Feature 4: O&M Manual Addendum	329 days	Wed 3/4/20	Mon 6/7/21																		
20	Feature 5: Certification	151 days	Tue 2/2/21	Tue 8/31/21																		
21	Element 7: Closeout Process (Post Addition to SPFC)	346 days	Mon 2/1/21	Tue 5/31/22																		
22	Feature 1: Closeout Work	16.13 emons	Mon 2/1/21	Tue 5/31/22																		

5. Project Budget

The current Overall Work Plan Budget reflective of Amendment No. 1 to the Funding Agreement (executed on April 18, 2020) is summarized in Table 5-1.

The current State funding commitment of \$42,529,251 is 79% of the projected project cost. The allowable State cost share for this project is 85%, which is \$45,864,665. The current and amended funding agreement allow the State to increase the State funding to the full 85% amount should funding become available.

Table 5-1. Overall Work Plan Budget

Table 5-1
TRLIA - 200-Year Goldfields Levee Project
Overall Work Plan Budget Summary

Element	Description	Current Budget	State Share \$ [1]
1	Grant Application	\$25,100	\$19,783
2	Program Management	\$2,250,000	\$1,773,417
3	Design & ROW Support	\$5,650,000	\$4,453,248
4	Environmental Review & Permitting	\$1,300,000	\$1,024,641
5	ROW Acquisition (Post Add to SPFC)	\$7,174,515	\$5,654,849
6	Construction, Mitigation, & Other Project Activities (Post)	\$37,463,115	\$29,527,883
7	Closeout Process (Post Add to SPFC)	\$95,700	\$75,429
Total		\$53,958,430	\$42,529,251

[1] State cost share is 85%. The State share shown in this Table is reflective of Amendment No. 1 to the Funding Agreement.

6. Deviations in Scope, Schedule, and Budget

There are no scope, schedule, or deviations being raised in this quarterly report.

7. Special Topics

7.1. Federal Authorization of the Project

The project was federally authorized in November 2018 as part of the America's Water Infrastructure Act of 2018 (also known as WRDA18). The authorization supersedes the

need for Section 408 permission and USACE permission is not required to construct the project.

TRLIA and USACE intend to execute a Memorandum of Agreement (MOA) that would provide USACE with TRLIA's funds to participate in design, construction, and adoption of the project into the Sacramento River Flood Control Project. The USACE's regional office (South Pacific Division) determined that modifications to the template MOA were deviations requiring higher level approval. As a result, and to facilitate USACE's involvement in design and construction, modifications were removed and the agreement was signed by TRLIA in April. USACE signature is expected in May. Funds to support the USACE's review have been provided.

7.2. Additional Funding Request

An amendment to the agreement was executed on April 18, 2020..

7.3. Corona Virus Pandemic

Federal, State, and Local directives associated with the corona virus pandemic have not significantly impacted project implementation. Minor impacts include delays in relocating residents and court proceeding for the eminent domain action. Construction of the project is exempted and continues to be scheduled for start in May.

8. Legal Issues

There are currently no legal issues associated with the project.

Eminent domain is required to acquire the Beery parcel (Road 1034) for which there are no known confirmed owners. Legal briefs were filed with the courts and public notification was made for the action in the current quarter. A potential heir of the former owner has been contacted and provided possession in April (next quarter). Due to the corona virus pandemic, possession by the court is not expected until the next quarter or later. This does not affect construction as the potential heir has provided possession and due to public notifications.

9. Actual and Projected Costs

Table 9-1 provides a summary of the previously projected costs for Quarter 9 (October – December 2019) (reference the Quarter 7 report) as compared to the actual Costs for Quarter 9 (refer to SOC included with this report dated May 4, 2020). **Table 9-1** also shows the State Share True-Up amount and Local Credit True-Up amounts for the actual costs incurred during Quarter 9 (October – December 2019). **Table 9-2** provides a reconciliation of the approved credit and approved and projected credit payments.

Table 9-1. TRLIA - 200-Year Goldfields Levee Project Prior Quarter Actual Cost Comparison and True-Up

Element	Description	State Cost Share A	Previously	Actual Costs for Quarter 9 [2] C	Difference	Actual State Cost Share E = C x A	Retention on	True Up Payment By State G = E - F	Local Creditable Cost Share H = C x (1 - A)
			Projected Costs [1] B		between QTR and Actual D = B - C		Actual State Cost Share (10%) F = E x 10%		
1	Grant Application	85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Program Management	85%	\$ 97,410	\$ 134,874	\$ (37,464)	\$ 114,643	\$ 11,464	\$ 103,179	\$ 20,231
3	Design & ROW Support	85%	\$ 251,375	\$ 398,271	\$ (146,897)	\$ 338,530	\$ 33,853	\$ 304,677	\$ 59,741
4	Environmental Review & Permitting	85%	\$ 99,891	\$ 31,102	\$ 68,789	\$ 26,437	\$ 2,644	\$ 23,793	\$ 4,665
5	ROW Acquisition	85%	\$ 1,379,122	\$ 1,219,655	\$ 159,466	N/A	N/A	N/A	N/A
6	Construction, Mitigation, & Other Project	85%	\$ 195,969	\$ -	\$ 195,969	\$ -	\$ -	\$ -	\$ -
7	Closeout Process	85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			\$ 2,023,767	\$ 1,783,903	\$ 239,864	\$ 479,610	\$ 47,961	\$ 431,649	\$ 84,637

[1] Projected costs for Quarter 9 (refer to QPR7)

[2] Reference SOC dated May 4, 2020 subject to DWR Review

Table 9-2. TRLIA - 200-Year Goldfields Levee Project Remaining Authorized Local Credit

**TRLIA - 200-Year Goldfields Levee Project
 Local Credit Reconciliation**

Total Use of Credit	Amount
Initial Starting Credit Request	\$575,808
Supplemental Credit Request	\$561,910
Authorized Local Credit by DWR (to date)	\$1,137,718
less Credit Payments received (Credit Payment No. 1)	N/A
Quarter 1 local share paid by State	\$52,037
Quarter 2 local share paid by State	\$96,436
Quarter 3 local share Paid by State	\$104,449
Quarter 4 local share Paid by State	\$121,286
Quarter 5 local share Paid by State	\$80,551
Pending Quarter 6 Local (subject to DWR review)	\$108,513
Pending Quarter 7 Local Share (subject to DWR Review)	\$64,813
Quarter 8 Local Share (paid on 5/4/2020)	\$100,052
Pending Quarter 9 Local Share (subject to DWR Review)	\$84,637
Remaining Authorized Local Credit	\$324,945

10. Payment Requested and State Disbursements

This section of the report has been updated to include an accounting of quarterly costs incurred from the prior quarter as documented within the submitted quarterly Statements of Cost and any requested true-up funding. This requested funding is summarized in the following four tables listed below.

Table 10-1 shows the Next Quarter's projected costs and associated advance request net of any true-up against prior advances and Right of Way capital projections. (Note – any prior advance funds not expended are netted from this request).

Table 10-2 provides the detail of any excess funding (or funding due) shown on Table 10-1. Excess funding (or funding due) is determined based on the State's share of the prior Advance Payments as compared to the State's Share of expenses (net of retention) documented within TRLIA's Statement of Costs.

Table 10-3 shows a ledger of payments made to date, their use (either Local Credit or State Share Advance or True-Up) and the remaining grant balance.

Table 10-4 presents the requested State Share advance payments by Project element.

Table 10-2. TRLIA - 200-Year Goldfields Levee Project: 12th Quarter Projected Cost

Element	Description	State Cost Share A	Projected Costs		State Withholding on Advance (10%) E = D x 10%	Advance State Share Funding Requested F = D - E	Difference from Prior Advances [2] G	Remaning Advanced Request H = G + F
			Quarter 12 B [1]	State Share (85%) D = B x A				
1	Grant Application	85%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Program Management	85%	\$ 79,263	\$ 67,374	\$ 6,737	\$ 60,636	\$ 217,572	\$ 278,209
3	Design & ROW Support	85%	\$ 265,815	\$ 225,943	\$ 22,594	\$ 203,349	\$ 1,000,451	\$ 1,203,799
4	Environmental Review & Permitting	85%	\$ 161,981	\$ 137,684	\$ 13,768	\$ 123,915	\$ 53,436	\$ 177,351
5	ROW Acquisition	85%	\$ 4,348,557	N/A	N/A	N/A	N/A	N/A
6	Construction, Mitigation, & Other Project	85%	\$ 10,695,365	\$ 9,091,061	\$ 909,106	\$ 8,181,955	\$ (5,034,657)	\$ 3,147,297
7	Closeout Process	85%	\$ -	\$ -	\$ -	\$ -	\$ (932)	\$ (932)
			\$ 15,550,982	\$ 9,522,061	\$ 952,206	\$ 8,569,855	\$ (3,764,130)	\$ 4,805,725

[1] Covers period from 7/1/20 to 9/30/20 (Q12)

[2] Refer to Table 10-2

Table 10-1. TRLIA - 200-Year Goldfields Levee Project: True-Up Funding

Element	Description	True Up Costs QTR 9 [1] A	True Up Cost QTR 1-8 [2] B	Total True Up Costs C = A + B	State Share of True Up Costs D = 0.85 * C	Retention on State Share of True Up Costs (10%) E = D x 10%	State Share of True Up Costs to be Immediately Funded F = D - E	Payments Received [3] G	True Up Funding H = F - G
2	Program Management	\$ 134,874	\$ 905,879	\$ 1,040,753	\$ 884,640	\$ 88,464	\$ 796,176	\$ 578,604	\$ 217,572
3	Design & ROW Support	\$ 398,271	\$ 3,227,926	\$ 3,626,197	\$ 3,082,267	\$ 308,227	\$ 2,774,041	\$ 1,773,590	\$ 1,000,451
4	Environmental Review & Permitting	\$ 31,102	\$ 559,875	\$ 590,978	\$ 502,331	\$ 50,233	\$ 452,098	\$ 398,662	\$ 53,436
5	ROW Acquisition	\$ 1,219,655	\$ 1,212,264	\$ 2,431,919	N/A	N/A	N/A	-	N/A
6	Construction, Mitigation, & Other Project	\$ -	\$ 50,000	\$ 50,000	\$ 42,500	\$ 4,250	\$ 38,250	\$ 5,072,907	\$ (5,034,657)
7	Closeout Process	\$ -	\$ (1,218)	\$ (1,218)	\$ (1,035)	\$ (104)	\$ (932)	\$ -	\$ (932)
		\$ 1,783,903	\$ 5,954,726	\$ 7,738,629	\$ 4,510,703	\$ 451,070	\$ 4,059,633	\$ 7,823,763	\$ (3,764,130)

[1] Reference **Table 9-1**, Total Subject to DWR Review

[2] Reference Previously Approved DWR Statement of Costs for QTR1-8

[3] Payments received through December 2019

Table 10-3. TRLIA - 200-Year Goldfields Levee Project: Payment Requests and State Disbursements

Report	Payment Request Date	Payment Receipt Date	Credit Portion	State Portion	Total Payment Amount	Notes
QPR1	2/23/2018	3/9/2018	\$0	\$1,051,439	\$1,051,439	Q1&Q2 Advance
QPR2	3/28/2018	9/17/2018	\$52,037	\$489,201	\$541,238	Q3 Advance, Q1 Local True-Up
QPR3	6/12/2018	8/21/2018	\$96,436	\$674,422	\$770,858	Q4 Advance, Q2 Local True-Up
QPR4	12/28/2018	2/7/2019	\$104,449	\$0	\$104,449	Q5&Q6 Advance, Q3 Local True-Up
QPR5	1/23/2019	3/28/2019	\$121,286	\$217,895	\$339,181	Q6&Q7 Advance, Q4 Local True-Up
QPR6	7/1/2019	8/22/2019	\$80,551	\$5,390,803	\$5,471,354	Q8 Advance, Q5 Local True-Up
*QPR7	8/1/2019	In Progress	\$108,513	\$0	\$108,513	No Q9 Advance, Q6 Local True-Up
*QPR8	12/20/2019	In Progress	\$64,813	\$0	\$64,813	No Q10 Advance, Q7 Local True-Up
QPR9	2/7/2020	5/4/2020	\$100,052	\$9,146,462	\$9,246,514	Q11 Advance, Q8 Local True-Up
*QPR10	5/4/2020	This Report	\$84,637	\$4,805,725	\$4,890,362	Q12 Advance, Q9 Local True-Up
Cumulative Payments			\$812,773	\$21,775,948	\$22,588,721	
Total Grant Amount			\$11,429,179	\$42,529,251	\$53,958,430	
Grant Amount Remaining			\$10,616,406	\$20,753,303	\$31,369,709	

* Pending DWR Approval

Table 10-4. TRLIA - 200-Year Goldfields Levee Project: State Advance Payments by Element

Element	Description	QPR1	QPR2	QPR3	QPR5	QPR6	QPR9 [1]	QPR10	Total [2]	Budget	Remaining Budget
1	Grant Application	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,783	\$19,783
2	Program Management @80.72%	\$185,425	\$59,006	\$158,002	\$132,847	\$43,324	\$204,613	\$278,209	\$1,061,426	\$1,773,417	\$711,991
3	Design & ROW Support	\$704,079	\$384,609	\$478,453	-\$48,866	\$255,315	\$815,819	\$1,203,799	\$3,793,208	\$4,453,248	\$660,040
4	Envrionmental Review & Permitting	\$161,935	\$45,587	\$37,969	\$133,914	\$19,257	\$59,107	\$177,351	\$635,121	\$1,024,641	\$389,520
5	ROW Acquisition (Post Add to SPFC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,654,849	\$5,654,849
6	Construction, Mitigation, & Other Project Activi	\$0	\$0	\$0	\$0	\$5,072,907	\$8,067,636	\$3,147,297	\$16,287,840	\$29,527,883	\$13,240,043
7	Closeout Process (Post Add to SPFC)	\$0	\$0	\$0	\$0	\$0	-\$713	-\$932	-\$1,645	\$75,429	\$77,074
Total		\$1,051,439	\$489,202	\$674,423	\$217,895	\$5,390,803	\$9,146,462	\$4,805,725	\$21,775,948	\$42,529,251	\$20,753,304

[1] Funding received through QPR9

[2] No Advance requested QPR4, QPR7, & QPR8

11. Tracking Tables and Deliverables Table

11.1. Earned Value Report by Element

Table 11-1 on the following page, provides a summary of the costs expended to date, as compared to earned value.

11.2. Earned Value

Chart 11-1 tracks the planned costs, earned value, and actual costs for the Project. Commencing with start of Quarter 1, the Planned Cost, Earned Value, and Actual Costs, as shown in the chart, have been aligned as a starting point for tracking. Moving forward, the chart will show the Earned Value and Actual Costs incurred, relative to Planned Costs over time.

11.3. 200-Year Deliverables

Table 11-2 lists the deliverables associated with the project and each deliverable planned date of submittal. The final two columns indicate placeholders for each deliverable's projected date of submittal and acceptance to DWR.

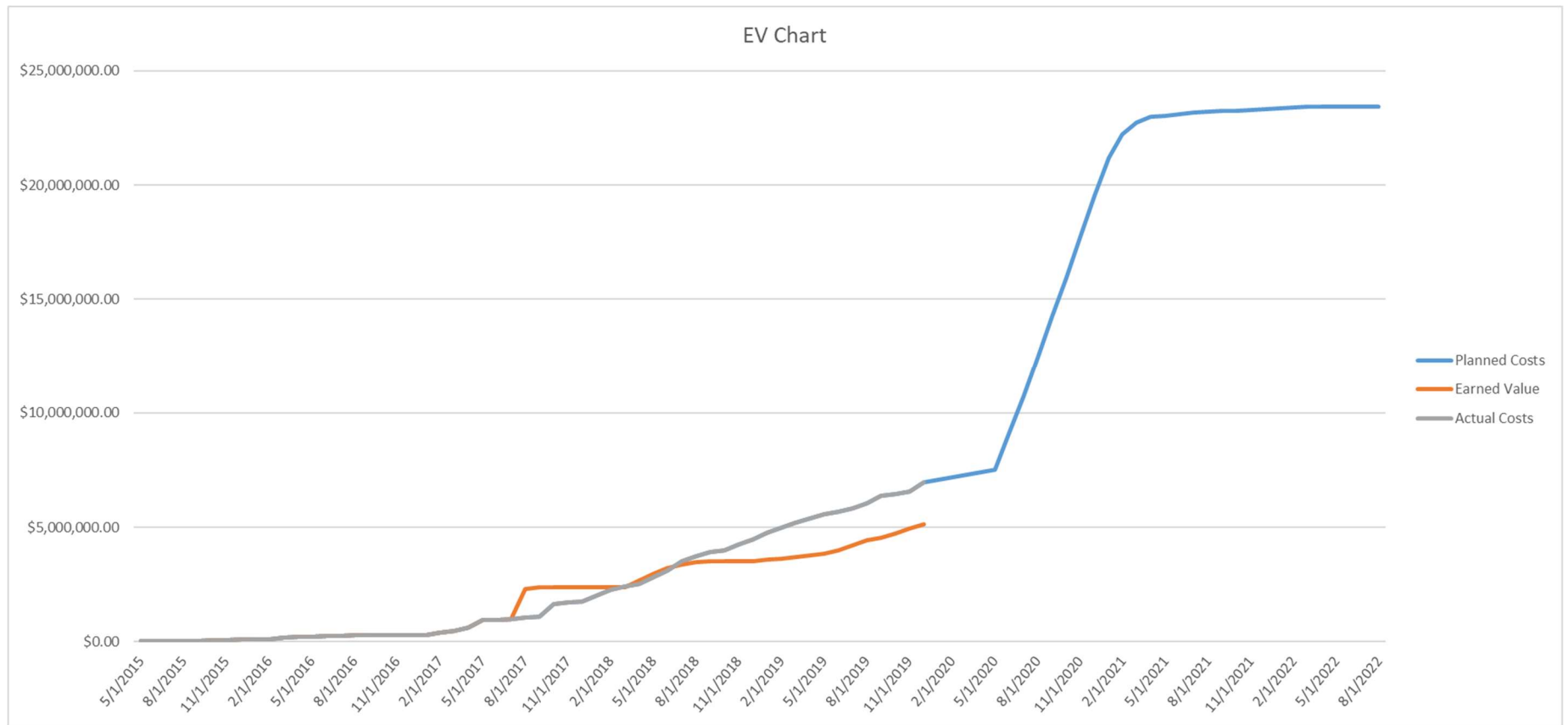
Table 11-1. Earned Value Report by Element

Element	Description	OAWP Budget	Cost incurred [1]	% Spent	% Progress	Planned Value [2]	% Schedule Elapsed	Earned [1] Value
1	Grant Application	\$25,100	\$25,040	99.8%	100.0%	\$25,040	99.8%	\$25,100
2	Program Management	\$2,250,000	\$1,559,487	69.3%	69.0%	\$1,340,612	59.6%	\$1,552,500
3	Design & ROW Support	\$5,650,000	\$4,370,843	77.4%	50.0%	\$3,872,578	68.5%	\$2,825,000
4	Environmental Review & Permitting	\$1,300,000	\$961,017	73.9%	51.0%	\$1,300,000	100.0%	\$663,000
6	Construction, Mitigation, & Other Project Activities	\$37,463,115	\$50,750	0.1%	0.0%	\$6,877,969	18.4%	\$0
7	Closeout Process (Post Add to SPFC)	\$95,700	-\$1,218	-1.3%	0.0%	\$0	0.0%	\$0
5	ROW Acquisition (Post Add to SPFC) [3]	\$7,174,515	N/A	N/A	N/A	\$6,395,170	N/A	N/A
		\$46,783,915	\$6,965,919	14.9%	10.8%	\$13,416,199	28.7%	\$5,065,600

[1] Total Cost As of December 2019.

[2] Planned Value will equal Cost Incurred due to Budget Change.

[3] Element 5 ROW Tracked Separately.



[1] Prior to January 2020 Planned and Actual Costs are aligned.

Table 11-2. 200-Year Deliverables

Required Deliverable	Planned Date of Submittal	Date Submitted to DWR	Date DWR Accepted
Final Real Estate Accounting Packages	Rolling. Q8-Q17. 2019-2021	Rolling	Not Accepted.
USFWS Section 7	Q11. 2020	Not Submitted	NA
SHPO Section 106	Q11. 2020	Not Submitted	NA
USACE NEPA Document	Q11. 2020	Not Submitted	NA
404 Permit	Q11. 2020	Not Submitted	NA
RWQCB 401 Permit	Q11. 2020	Not Submitted	NA
Encroachment Permit	Q11. 2020	Not Submitted	NA
OMRR&R Agreement	Q10. 2020	Not Submitted	Not Accepted.
Interim OMRR&R Manual	Q12. 2020	Not Submitted	Not Accepted.
OMRR&R Draft Manual	Q12. 2020	Not Submitted	Not Accepted.
Flood Risk Resolution	Q12. 2018	Not Submitted	Not Accepted.
Property Transfer to SSJDD	Rolling. Q14-Q19. 2021-2022	Not Submitted	Not Accepted.
Safety and Emergency Response Plan (“Flood Safety Plan”)	Q15. 2021	Not Submitted	Not Accepted.
OMRR&R Final Manual	Q15. 2021	Not Submitted	Not Accepted.
As-Built Drawings	Q15. 2021	Not Submitted	Not Accepted.
Addition to the SPFC	Q15. 2021	Not Submitted	Not Accepted.
Construction Completion Report	Q15. 2021	Not Submitted	Not Accepted.
Project Completion Report	Q16. 2021	Not Submitted	Not Accepted.
Construction Bid Documents		Q10. 2020	NA
Final Design Drawings and Specifications		Q10. 2020	Comments Received
DFW 1602 SAA		Q10. 2020	NA
90% Design Package		Q8. 2019	Comments Received
RE Environmental Site Assessments		Q8. 2019	Accepted in Q9.
Project Real Estate Plan		Q7. 2019	Partial approval in Q8.
Real Estate Appraisals		Started in Q7.	Accepted.
65% Design Package		Q6. 2018	Comments Received
AB 52 Consultation		Q6. 2018	NA
CEQA Supplement		Q6. 2018	NA
Clear Path to SPFC Requirement		Q5. 2018	NA
408 Permission	Not Required.		
Section 221 Credit MOU	NA		
2081 Permit	Not Required.		