DELTA CONVEYANCE DESIGN & CONSTRUCTION AUTHORITY

April 2020 Monthly Board Report

(Activities in March)

This document is fully interactive; use menus to navigate on-screen.

Agenda Item TBD

Section 1 | Executive Summary

Program Initiation. The program initiation team continues to focus on finalizing high priority business requirements and integrating procedures into our E-Builder Project Management Information System. Annual Budget preparation and Task Order business requirements were completed and configured in the system in the past month.

Engineering. The engineering team continues to conduct engineering studies in support of the environmental analysis process. Work is also progressing on finalizing the draft technical memorandum that define the core design criteria and alternative analyses.

Field work remains delayed as we await resolution of on-going litigation with the Delta Counties. The team continues to search out and analyze existing data and enter validated data into our geologic model of the Delta. Planning for limited 2020 investigations will begin in the coming reporting period.

Stakeholder Engagement. The DCA held its sixth Stakeholder Engagement Committee meeting in March where we presented a "system-wide" map books showcasing each proposed alignment with engineer-proposed facilities sittings to create a starting point for SEC feedback. Meeting material and minutes from the SEC meetings are available on the DCA website.

Budget. The DCA has committed approximately $62.3M of the Board approved budget of $82M. A cost deduction change to the Engineering Contract reduced the total committed value by approximately $11.1M from the previous reporting period. As we approach the end of the fiscal year and can more closely gauge our remaining work, we have adjusted our EAC to approximately $37.9M. This largely reflects continued delays in the engineering and geotechnical work stemming from the County litigation and current restraints on field work activities do to State and Co. mandates.

Schedule. The monthly schedule update shows an overall delay of 4 weeks which represents a 2 week gain on the previous month. The team has ramped up staff and anticipates continuing to gain time back in the next two months.

Monthly Budget Summary (FY 2019/2020)

Category	Current Budget	Current Contingency	Current Commitments	Incurred To Date	EAC	Variance
Program Management	$ 8,800,000	$ 1,600,000	$ 3,615,096	$ 3,264,708	$ 3,785,000	(5,015,000)
Project Controls	$ 5,250,000	$ 700,000	$ 4,082,694	$ 2,924,686	$ 3,925,000	(1,325,000)
Stakeholder Engagement	$ 4,700,000	$ 700,000	$ 2,795,322	$ 1,614,094	$ 2,200,000	(2,500,000)
Administration	$ 6,930,000	$ 1,500,000	$ 6,280,748	$ 4,359,905	$ 5,310,000	(1,620,000)
Engineering	$ 31,800,000	$ 5,800,000	$ 23,841,926	$ 12,390,367	$ 20,254,806	(11,545,194)
Field Work	$ 21,460,000	$ 4,900,000	$ 20,692,341	$ 1,392,426	$ 1,600,000	(19,860,000)
Property Access and Acquistion	$ 3,060,000	$ 600,000	$ 953,330	$ 176,578	$ 860,000	(2,200,000)
	$ 82,000,000	**$ 15,800,000**	**$ 62,261,458**	**$ 26,122,762**	**$ 37,934,806**	**$ (44,065,194)**

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Section 2 | Engineering & Field Work

The engineering team is focused on preparing documentation and preliminary data required to support the environmental review process as well as continuing to complete various Technical Memoranda that describe the engineering design criteria, analyses, and alternatives that will be submitted to DWR.

The field work teams continue to screen and digitize available historic data across the Delta to supplement the project data. The comprehensive soils data will enhance potential future development of a model of subsurface conditions. Geotechnical Consultant, Right of Way Consultants and Surveying Consultants remain on pause

General Work

Completed	Look Ahead – Next Month
• Draft Conceptual Tunnel Lining Evaluation • Draft Feature Summary – Site Development and Logistics • Draft Summary of Historical Studies	• Draft Features Summary – Tunnels • Draft Tunnel Construction Power Estimates • Draft Shaft Conceptual Design • Draft Barge Transport Study • Draft Railroad Transport Study • Draft Hydraulic Design Criteria • Draft Systemwide Hydraulic and Capacity Study

Field Work

Completed	Look Ahead – Next Month
• Subsurface Data Collection – gINT Entry of High-Value Data	• Preparation of Geostatistical Analysis, GeoBIM, Evaluation, and Interpretive Report

continued >

Section 3 | Stakeholder Engagement

The DCA held one meeting on March 11th, with social distancing guidelines already in place to ensure the safety of the Committee, DCA staff and the public. The March 11th meeting focused on integrated project siting and logisitics. Based on feedback from the previous meeting, the Committee asked the DCA to provide more "system-wide" information looking at the entire alignment with selected sites to help facilitate SEC feedback. Engineers presented maps books with siting location proposals. The SEC provided information, based on their respective expertise, on which locations were problematic from their perspectives and which could work.

Our next SEC meeting will be held on April 22nd via teleconference to go over the final facilities sitings in the South Delta as part of the proposed connections to existing State Water Project Pumping Plants. In light of the COVID-19 pandemic and the difficulties presented to many by shelter in place regulations, we have informed the SEC that there will be no expectation of feedback from the past meeting or any outreach needed following the 4/22 Meeting. We will explore continuation of outreach activities in May or June as needed. The DCA, like all other state agencies, continues to follow protocol set by the Governor on how to move forward with our work while remaining sensitive to the public and our own staff with respect to adjusting timelines to give more time for meaningful collaboration. To expand opportunities to garner feedback, the DCA will be launching social media channels this month to better reach members of the public and keep them informed of DCA activities.

The DCA is working with each SEC member to ensure they have the technical capacity to join the 4/22 meeting. We will be performing practice runs to go over protocol and use of teleconferencing tools to make sure our meeting is as seamless and accessible as possible by all who wish to participate.

Upcoming SEC Meeting

Date: April 22, 2020

Time: 3 to 6 PM

Location: Online via Zoom registration

Topics:

- DCA review of questions generated from 3/25 meeting
- South Delta Facilities Siting and Design

SEC Meeting Calendar (Subject to SEC feedback)

- May 27, 2020
- June 24, 2020*
- July 29, 2020*

SEC Meeting Materials & Updates

https://www.dcdca.org/

**Dates are subject to change, please continue to check the dcdca.org website for updates*

Note: DCA will comply with public health recommendations regarding public meetings and COVID-19 response. Any meeting changes or cancellation will be communicated to members.

Section 4 | Program Management/Administration

Program Management/Project Controls

The program management team continues to work on finalizing policies and procedures and expanding the Program Management Information System to include processes for budget management, cost management, and procurement management plans.

Program Controls continues to manage and track costs including budget, commitments, invoicing and payments. We are working on developing the 3-year schedule and budget for the program to take us through the environmental planning phase.

Key Accomplishments

- Annual Budget Preparation Process finalized and implemented in e-Builder
- FY20/21 Annual Budget preparation process is underway
- E-Builder Configuration on 8 new business processes for budget, cost and procurement management are under way
- The controls team processed and submitted 33 invoices to DWR for approval and payment

Administration

The administration team focused on shifting from primarily onsite operations to coordination and facilitation of remote work in response to the COVID-19 Stay-At-Home Order.

The team continues to manage the build-out of the new DCA Headquarters located at 980 9th Street, 1st floor. Operations on the 23rd and 24th floor are normalizing.

Information Technology has focused the ramp up and configuration of remote work including RingCentral and hardware support.

Key Accomplishments

- Training sessions for remote work, RingCentral, scheduling, video conferencing how-to's
- Distribution of hardware and supplies to remote workers
- Testing, support and management for virtual Board Meeting
- Continued management and oversight of 1st floor build-out, collaborated with AVI/SPL for the configuration and customization of the 1st floor board room
- Initial reviews of wireframes & copy deck for DCA website revamp

Section 5 | Budget

Budget Summary

Budget Forecast FY 2019/20. The DCA has committed approximately $62.3M of the original budgeted $82M excluding Contingency. Our current estimate at completion (EAC) of the current Fiscal Year is $37.9M which is $44.1M below our original approved budget exclusive of our contingency budget. See pages 6-7.

Budget Change Requests. There were no budget changes to report this month.

Planned Cash Flow. The DCA continues to forecast approximately $41.3M in expenditure through the end of the Fiscal Year including May and June of the previous Fiscal Year (Planned Period Restart). Our current cost forecast indicates that we will exceed our existing funding levels in March 2020 timeframe based on earned value (work completed). See page 8.

Budget Detail

WBS	Fiscal Year	Original Budget	Current Budget	Contingency	Commitments	Pending Commitments	Incurred to Date	% Spent	Remaining Budget	% Rem	EAC	Variance
Delta Conveyance	2019/2020	$ 97,800,000	$ 82,000,000	$ 15,800,000	$ 62,261,458	$ 13,460	$ 26,122,762	32%	$ 55,877,238	68%	$ 37,934,806	$ (44,065,194)
Program Management	**2019/2020**	**$ 10,400,000**	**$ 8,800,000**	**$ 1,600,000**	**$ 3,615,096**	**$ -**	**$ 3,264,708**	**37%**	**$ 5,535,292**	**63%**	**$ 3,785,000**	**$ (5,015,000)**
Executive Management	2019/2020	2,000,000	2,000,000	-	1,380,552	-	858,346	43%	1,141,654	57%	1,100,000	(900,000)
Legal Counsel	2019/2020	3,020,000	2,970,000	-	550,000	-	440,142	15%	2,529,859	85%	600,000	(2,370,000)
Audit	2019/2020	100,000	100,000	-	-	-	-	0%	100,000	100%	50,000	(50,000)
Treasury	2019/2020	160,000	160,000	-	153,046	-	151,261	95%	8,739	5%	200,000	40,000
Health & Safety	2019/2020	100,000	100,000	-	-	-	-	0%	100,000	100%	-	(100,000)
Quality	2019/2020	750,000	750,000	-	150,000	-	-	0%	750,000	100%	-	(750,000)
Program Initiation	2019/2020	2,130,000	2,180,000	-	1,247,236	-	1,715,378	79%	464,622	21%	1,735,000	(445,000)
Sustainability	2019/2020	540,000	540,000	-	134,263	-	99,581	18%	440,419	82%	100,000	(440,000)
Contingency	2019/2020	1,600,000		1,600,000	-	-	-	0%	-	-	-	-
Program Controls	**2019/2020**	**$ 5,950,000**	**$ 5,250,000**	**$ 700,000**	**$ 4,082,694**	**$ -**	**$ 2,924,686**	**56%**	**$ 2,325,314**	**44%**	**$ 3,925,000**	**$ (1,325,000)**
Cost, Schedule and Document Control	2019/2020	3,950,000	3,950,000	-	3,552,777	-	2,440,177	62%	1,509,823	38%	3,250,000	(700,000)
Procurement	2019/2020	1,020,000	1,020,000	-	303,346	-	276,836	27%	743,164	73%	325,000	(695,000)
Risk Management	2019/2020	280,000	280,000	-	226,571		207,673	74%	72,327	26%	350,000	70,000
Contingency	2019/2020	700,000		700,000	-	-	-	0%	-	0%	-	-
Stakeholder Engagement	**2019/2020**	**$ 5,400,000**	**$ 4,700,000**	**$ 700,000**	**$ 2,795,322**	**$ 5,500**	**$ 1,614,094**	**34%**	**$ 3,085,906**	**66%**	**$ 2,200,000**	**$ (2,500,000)**
Engineering Coordination	2019/2020	1,497,000	1,497,000		-	-	419,277	28%	1,077,723	72%	500,000	(997,000)
Outreach	2019/2020	2,173,000	1,923,000	-	2,287,362	5,500	968,717	50%	954,283	50%	1,300,000	(623,000)

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Section 5 | Budget *continued*

Budget Detail

WBS	Fiscal Year	Original Budget	Current Budget	Contingency	Commitments	Pending Commitments	Incurred to Date	% Spent	Remaining Budget	% Rem	EAC	Variance
Stakeholder Engagement	**2019/2020**	**$ 5,400,000**	**$ 4,700,000**	**$ 700,000**	**$ 2,795,322**	**$ 5,500**	**$ 1,614,094**	**34%**	**$ 3,085,906**	**66%**	**$ 2,200,000**	**$ (2,500,000)**
Committee Management	2019/2020	-	250,000	-	461,112	-	226,100	90%	23,900	10%	400,000	150,000
Economic Development	2019/2020	1,030,000	1,030,000	-	46,848	-	-	0%	1,030,000	100%	-	(1,030,000)
Contingency	2019/2020	700,000		700,000	-	-	-	0%	-	0%	-	-
Administration	**2019/2020**	**$ 8,430,000**	**$ 6,930,000**	**$ 1,500,000**	**$ 6,280,748**	**$ 7,960**	**$ 4,359,905**	**63%**	**$ 2,570,095**	**37%**	**$ 5,310,000**	**$ (1,620,000)**
Facilities & Operations	2019/2020	3,800,000	3,800,000		3,624,118	7,960	2,777,646	73%	1,022,354	27%	3,400,000	(400,000)
Human Resources	2019/2020	650,000	650,000	-	210,000	-	99,590	15%	550,410	85%	210,000	(440,000)
Information Technology	2019/2020	2,480,000	2,480,000	-	2,446,630		1,482,669	60%	997,331	40%	1,700,000	(780,000)
Contingency	2019/2020	1,500,000		1,500,000	-	-	-	0%	-	-		-
Engineering	**2019/2020**	**$ 37,600,000**	**$ 31,800,000**	**$ 5,800,000**	**$ 23,841,926**	**$ -**	**$ 12,390,367**	**39%**	**$ 19,409,633**	**61%**	**$ 20,254,806**	**$ (11,545,194)**
Engineering Management	2019/2020	2,900,000	2,300,000	-	836,032	-	293,671	13%	2,006,329	87%	700,000	(1,600,000)
Engineering	2019/2020	27,900,000	27,900,000	-	21,988,984	-	11,528,009	41%	16,371,991	59%	18,554,806	(9,345,194)
DWR Engineering Coordination	2019/2020	-	600,000		-		-	0%	600,000	100%	-	(600,000)
Environmental Coordination	2019/2020	1,000,000	1,000,000		1,016,910	-	568,687	57%	431,313	43%	1,000,000	-
Contingency	2019/2020	5,800,000		5,800,000	-	-	-	0%	-	0%		-
Field Work	**2019/2020**	**$ 26,360,000**	**$ 21,460,000**	**$ 4,900,000**	**$ 20,692,341**	**$ -**	**$ 1,392,426**	**6%**	**$ 20,067,574**	**94%**	**$ 1,600,000**	**$ (19,860,000)**
Geotech	2019/2020	20,440,000	20,440,000	-	19,945,343	-	1,294,205	6%	19,145,795	94%	1,500,000	(18,940,000)
Survey	2019/2020	1,020,000	1,020,000	-	746,998	-	98,220	10%	921,780	90%	100,000	(920,000)
Contingency	2019/2020	4,900,000		4,900,000	-	-		0%	-	0%		-
Property Access & Acquisition	**2019/2020**	**$ 3,660,000**	**$ 3,060,000**	**$ 600,000**	**$ 953,330**	**$ -**	**$ 176,578**	**6%**	**$ 2,883,422**	**94%**	**$ 860,000**	**$ (2,200,000)**
Property Access Management	2019/2020	360,000	360,000	-	179,330	-	126,281	35%	233,719	65%	300,000	(60,000)
Easements	2019/2020	1,700,000	1,700,000	-	-	-	-	0%	1,700,000	100%	360,000	(1,340,000)
Temporary Access	2019/2020	1,000,000	1,000,000	-	774,000		50,297	5%	949,703	95%	200,000	(800,000)
Land Purchases	2019/2020	-	-	-	-	-	-	0%	-	0%	-	-
Contingency	2019/2020	600,000		600,000	-	-	-	0%	-	0%		-

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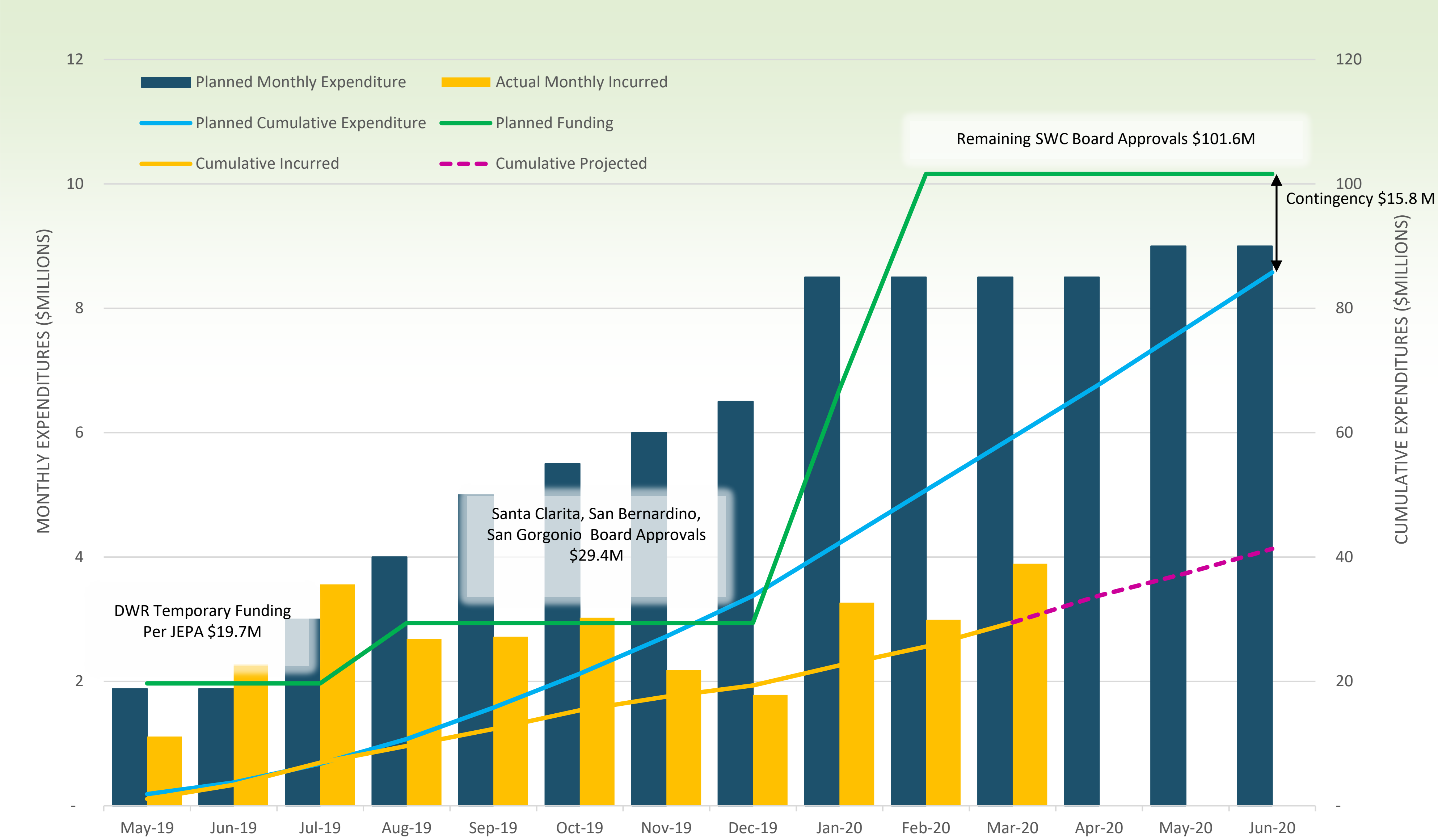
Section 5 | Budget *continued*

DCA FY18/19 May & June + FY19/20 Planned Cash Flow



[1]Anticipate remaining SWC participants to seek and receive funding approval from respective boards between December 2019 and February 2020

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Section 6 | Contracts

Contract Summary. The table on pages 9-11 summarize the status of all executed contracts and task orders to date.

New Commitments. DCA have not executed any new commitments this month.

Commitment Change Request: Reduction of $11.1M across multiple WBS within the Engineering contract (Jacobs). The WBSs included Program Management, Engineering, Stakeholder Engagement, Filed and ROW. Bringing Jacobs commitment to around $27.5M for this fiscal year.

Procurement. The only current active procurement is for General Counsel services. We anticipate an award in May 2020. See page 12.

S/DVBE Participation. The program has committed approximately 12% of the total contract values for FY 2019/20 to S/DVBEs. Based on actual incurred costs for the current Fiscal Year 4% has been paid to our S/DVBE contractors and subcontractors. See page 13.

Contract Summary

Contracts	Contract Budget	Contingency	Historical Expenditures	Commitments FY19/20	Pending Commitments	Total Committed To date	Incurred to Date FY19/20	% Spent FY19/20
180001 Best Best & Krieger LLP	$ 900,000	$ -	$ 343,992	$ 550,000		$ 893,992	$ 440,142	80%
180002 Management Partners	$ 375,000	$ -	$ 192,315	$ -		$ 192,315	$ -	
180005 e-Builder	$ 855,633	$ -	$ 305,743	$ 113,000		$ 418,743	$ 112,833	100%
180006 Jacobs	$ 93,000,000	$ 17,000,000	$ 4,221,003	$ 27,532,686		$ 31,753,689	$ 14,907,248	54%
180007 Fugro	$ 75,000,000	$ -	$ 927,247	$ 18,934,723		$ 19,861,970	$ 1,010,445	5%
180008 Hamner Jewell Associates	$ 9,000,000	$ -		$ 250,000		$ 250,000	$ 19,874	8%
180009 Bender Rosenthal	$ 9,000,000	$ -		$ 274,000		$ 274,000	$ 13,944	5%
180010 Associated ROW Services	$ 9,000,000	$ -		$ 250,000		$ 250,000	$ 16,479	7%
180011 Michael Baker	$ 8,000,000	$ -		$ 180,000		$ 180,000	$ 3,735	2%
180013 Psomas	$ 15,000,000	$ -		$ 475,000		$ 475,000	$ 1,563	0%
180014 CDMSmith	$ 74,999	$ -	$ 34,684	$ -		$ 34,684	$ -	0%
180015 AECOM	$ 15,000	$ -	$ 12,579	$ -		$ 12,579	$ -	0%
180016 PlanNet	$ 86,999	$ -	$ 77,890	$ 9,109		$ 86,999	$ 8,619	95%

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Section 6 | Contracts *continued*

Contract Summary *continued*

Contracts	Contract Budget	Contingency	Historical Expenditures	Commitments FY19/20	Pending Commitments	Total Committed To date	Incurred to Date FY19/20	% Spent FY19/20
180017 Sextant	$ 74,999	$ -	$ 21,889	$ 34,650		$ 56,539	$ 34,550	100%
190001 Bentley Systems ProjectWise	$ 140,860	$ -	$ 100,000	$ 40,850		$ 140,850	$ 25,625	63%
190003 Ron Rakich Consulting	$ 6,000	$ -	$ 5,831	$ -		$ 5,831		
190005 Management Partners	$ 3,135,000	$ -	$ 156,755	$ 627,000		$ 783,755	$ 427,352	68%
190008 RMW Architecture & Interiors	$ 30,594	$ -		$ 30,594		$ 30,594	$ 28,054	92%
190009 Parsons	$ 36,000,000	$ 4,000,000	$ 473,716	$ 5,823,714		$ 6,297,430	$ 4,389,372	75%
190010 Porter Consulting LLC	$ 51,150	$ -		$ 51,150		$ 51,150	$ 28,710	56%
190011 GV/ HI Park Tower	$ 8,122,584	$ -		$ 1,596,124		$ 1,596,124	$ 1,592,700	100%
190013 Jacqueline Blakeley LLC	$ 25,000	$ -		$ 25,000		$ 25,000	$ 19,063	76%
190014 Direct Technology Gov Solutions	$ 1,840,000	$ -		$ 1,210,000		$ 1,210,000	$ 622,695	51%
190015 Audio Visual Innovations, Inc.	$ 310,000	$ -		$ 310,000		$ 310,000	$ 153,863	50%
190016 Consolidatd Communications	$ 108,072	$ -		$ 21,014		$ 21,014	$ 14,429	0%
190017 ATT	$ 70,380	$ -		$ 18,192		$ 18,192	$ 1,423	0%
190018 AP42	$ 700,000	$ -		$ 131,100	$ 5,500	$ 131,100	$ 28,180	21%
190019 VMA	$ 1,200,000	$ -		$ 391,565		$ 391,565	$ 146,243	37%
190020 Miles Treaster & Associates	$ 843,385	$ -		$ 781,781		$ 781,781	$ 731,171	94%
190021 Ring Central	$ 216,932	$ -		$ 23,586		$ 23,586	$ 15,165	64%

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Section 6 | Contracts *continued*

Contract Summary *continued*

Contracts	Contract Budget	Contingency	Historical Expenditures	Commitments FY19/20	Pending Commitments	Total Committed To date	Incurred to Date FY19/20	% Spent FY19/20
190022 Caltronics Business	$ 166,671	$ -		$ 32,051		$ 32,051	$ -	0%
190023 Jambo	$ 69,840	$ -		$ 34,920		$ 34,920	$ 34,920	100%
190025-Sierra Valley Moving & Storage	$ 4,616	$ -		$ 4,616		$ 4,616	$ -	0%
190026-Meeting Booster	$ 23,562	$ -		$ 7,854		$ 7,854	$ 7,854	100%
200001-Foliate	$ 16,640	$ -		$ 16,640		$ 16,640	$ 4,976	30%
200002-DocuSign					$ 7,960			
07252018 Hallmark Group	$ 1,531,360	$ -	$ 1,517,137	$ -		$ 1,517,137	$ -	0%
20200201-Office Depot				$ 15,000		$ 15,000	$ 2,518	17%
Department of Water Resources	$ 3,294,035	$ -	$ 3,294,035	$ 152,317		$ 3,446,352	$ 125,414	82%
AO5218 Metropolitan Water District	$ 1,660,048	$ -	$ 1,658,329	$ 2,055,000		$ 3,713,329	$ 937,514	46%
Miscellaneous Vendors	$ 382,510	$ -	$ 124,288	$ 258,222		$ 382,510	$ 216,091	84%

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Section 6 | Contracts *continued*

Contract Procurement

WBS	Description	Contract Type	Company	Task Order Value (FY 2019/20)	Pending Contract Value	Anticipated Term	Procurement Method	Planned Bid Date	Status
Legal	General Counsel Services	Professional Services	BBK	$ 110,000	$ 3,900,000	5 years	RFQ - Best Value	Jan-20	Seek Approval from DCA Board to Award

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Section 6 | Contracts *Continued*

S/DVBE Status FY 2019/20

Contract/Prime	Prime	Committed	Incurred	Firm Name	SBE / DVBE	SBE/DVBE Committed	% SBE/DVBE Committed	SBE/DVBE Incurred	% SBE/DVBE Incurred
180006-02	**Jacobs**	**$ 27,532,686**	**$ 14,907,493**			**$ 2,563,218**	**9%**	**$ 648,085**	**4%**
				AnchorCM	DVBE	502,431		158,742	
				Babendererde	SBE	24,986		32,850	
				EETS, Inc.	SBE	471,957		53,409	
				JMA Civil, Inc.	SBE	125,110		86,363	
				Kearns & West, Inc.	SBE	35,213		35,213	
				Lettis Consulting International	SBE	964,184		26,333	
				Nazparv Consulting LLC	SBE	230,000		154,820	
				Wiseman Consulting	SBE	209,337		100,355	
180007-02&03	**Fugro**	**$ 18,934,723**	**$ 1,010,445**			**$ 2,772,364**	**15%**		**0%**
				Dillard Environmental Services	SBE	408,744		-	
				GeoTech Utility	SBE	121,500		-	
				The LeBaugh Group	SBE	2,242,120		-	
190022-00	**Caltronics**	**$ 32,051**	**$ -**	**Caltronics Government Services**		**$ 32,051**	**100%**	**$ -**	**0%**
190009-01&02	**Parsons**	**$ 5,823,296**	**$ 4,389,372**			**$ 681,803**	**12%**	**$ 346,879**	**8%**
				Chaves & Associates	SBE	681,803		346,879	
190019-01	**VMA**	**$ 391,695**	**$ 146,243**	**VMA Communications**	**SBE**	**$ 391,695**	**100%**	**$ 146,243**	**100%**

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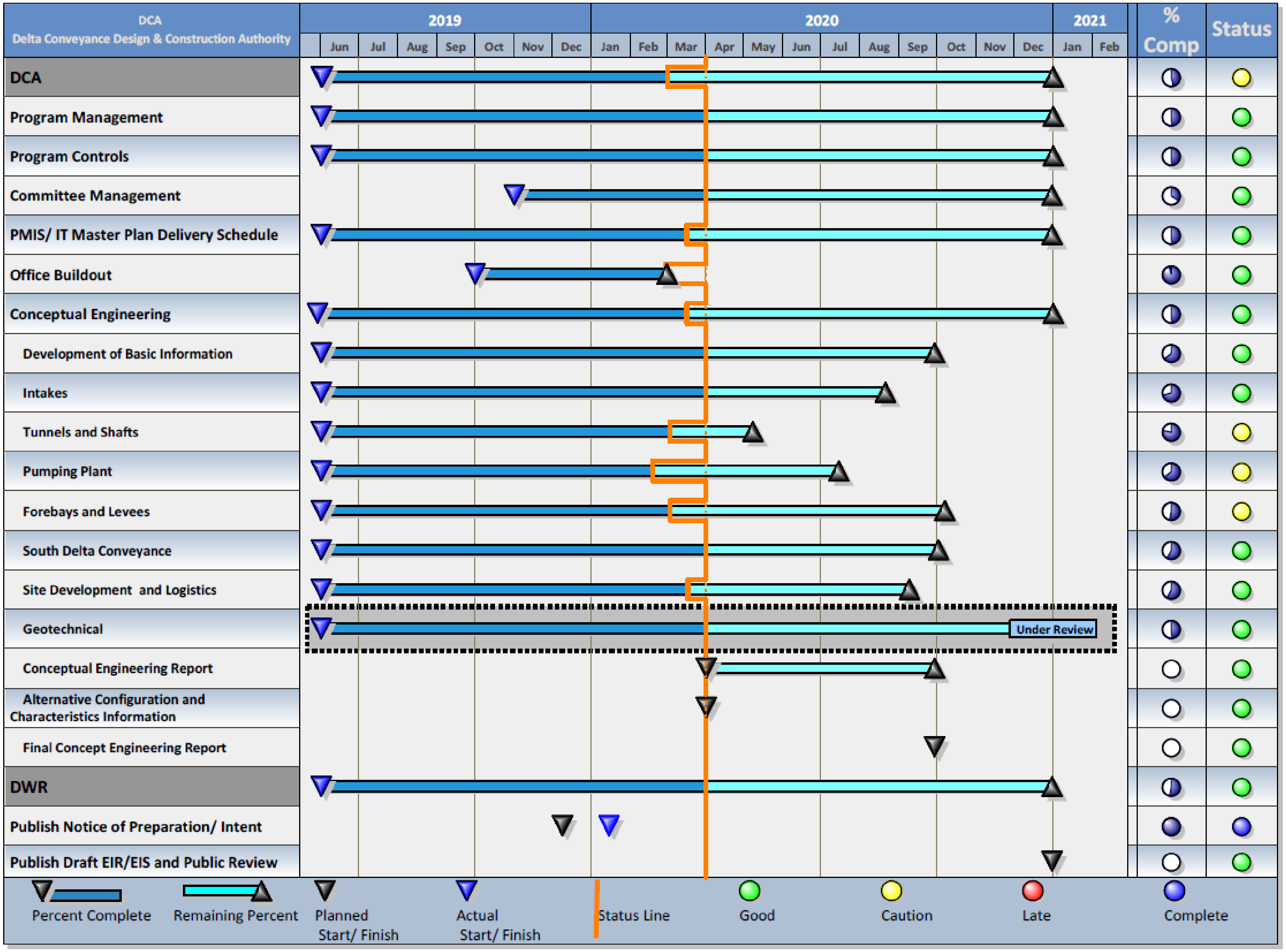
Section 7 | Schedule

The program is running four weeks behind schedule based on deliverable status. The engineering team has ramped up their resources and will continue recovering the time in the upcoming month to meet the April 1 Milestone for “Alternative Configuration and Characteristics Information”.



Section 8 | Risk (*Updated Quarterly – March Update*)

Risk Summary

The DCA performed its second quarterly risk update including refinement of the risks identified in the first round of workshops and further analysis of mitigation measures to reduce identified risks.

The latest risk register includes 136 identified risks sorted in 10 different categories of risk. The most significant categories of risk in the program continue to be focused on the tunneling, geotechnical conditions, logistics and intake construction.

Highlights from the latest round of updates include:

- Newly developed concepts in the design of the intakes and the logistics strategies reduced the risk profiles in these two categories compared to the previous quarterly update.
- Further study of the geotechnical conditions near the South Forebay increased the risk profile in this category.
- Construction risks at the Pumping station and at the South Delta Conveyance systems remained approximately the same.

SUMMARY OF PROGRAM RISK REGISTER

Category	# Risks	Total PRE-Mitigation Score	Total POST Mitigation Score	% Reduction From Mitigation
1 - Shafts and Tunnels	20	228.5	149.0	35%
2 - Intakes	15	160.5	116.0	28%
3 - Pump Station	12	92.0	62.0	33%
4 - Forebays & Levees	14	137.5	105.0	24%
5 -South Delta Conveyance	14	100.0	76.5	24%
6 - Safety	10	123.5	42.0	66%
7- Construction Logistics	20	240.0	120.0	50%
8 - Right-of Way	8	107.0	43.0	60%
9 - Geotechnical	14	226.5	120.5	47%
10 - Contract & Marketing Conditions	9	145.0	90.0	38%
Totals	136	1560.5	924.0	40%

Distribution of Risk by Priority