



Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

April 2020 Report (data through February 2020)

Executive Summary

Overall

- The Central Valley Status Report (CVSR) projections will be updated with the finalization of the Revised Baseline Schedules (RBS).
- Total contractor invoices for all Construction Packages (CPs) 1-4 increased to \$66M, an increase of \$21M from February 2020's projection of \$45M. Overall, the CP's exceeded their forecasts for February. March 2020 expenditures are estimated at \$60M.
- Construction labor on the three Contract Packages increased to 737 workers in the last week of February which is the largest workforce to date.
- Guideway miles and structure construction has progressed this period and saw an increase of 0.8 miles from last period's 76 miles and an increase of one structure from last period's 38 structures.
- Approximately \$4B is currently under contract for CP 1-4, with \$6B required to be under contract to fulfill the American Recovery and Reinvestment Act (ARRA) grant terms. The total of \$6B includes the scope of work for track within the Track and Systems contract, as well as the major CP 1-4 scope additions identified within the contingency for each CP.

Construction Package 1

- The contractor invoiced \$20M, compared to the \$17M that was projected.
- Seven structures have been built, 10 structures are underway; two miles of guideway are complete, and 10 miles of guideway are available for construction.
- Major Incidental Take Permits (ITPs) will be acquired by the end of the third quarter of 2020, which includes the North Extension.
- The increase in Land Right Conveyances and Right-of-Way acquisitions in the month has enabled the start of work in 3 new locations: the MID Lateral 6.2, Downtown Fresno Viaduct and Golden State Blvd. Bridge and has been a significant factor in the increasing value of invoicing. Furthermore, one location (Storm Drain at Herndon/GSB) will open in March 2020; four locations (Storm Drain at Kern and Inyo; Water Line at Cornelia; Gas at Mono; and Electric at Road 27) will open in April 2020 and five locations (Electric at Mono; Storm Drain at Dry Creek; Electric at Veterans; Electric at Central; and Storm Drain and Electric at Basin EH) will open up by August 2020 as more Land Right Conveyances, Right-of-Way (ROW) is acquired, and the utility relocations are completed.
- The Authority directed Tutor Perini/Zachry/Parsons (TPZP) to implement 25 design solutions that will remove the need for design variances from third parties and additional Right-of-Way parcels.
- All additional ROW for CP 1 is scheduled to be 100% delivered by December 31, 2020. Public Land Parcels are being evaluated to determine if additional Right-of-Way acquisition will be needed.
- The Project and Construction Management (PCM) Contractor are reviewing the current scope, cost estimates for potential change orders, refining the schedule to meet milestones and mitigating issues in a timely manner.

Construction Package 2-3

- The contractor invoiced \$30M, compared to the \$18M that was projected.
- Fifteen structures are underway, an increase of one structure from last period; 19 miles of guideway are substantially complete, work is underway on 26 miles of guideway totaling 45 miles of guideway available for construction.
- Acquired seven of the required nine ITPs. The remaining ITPs will be acquired by the end of the second quarter of 2020.
- The majority of the third-party agreements are completed. The PCM will conclude maintenance agreements for Type 2 structures (grade separations over highways) as they are completed.
- Bridge construction is progressing at 15 locations; this work includes demolition, earthwork, utility relocations, and structure construction.
- Two new design packages were approved.
- Twenty of the 87 utility relocations are complete, and civil work is underway at 24 locations.
- The PCM is working with the design-build contractor to expedite approvals on the outstanding design packages.
- Fifteen outstanding NCRs (Non-Conformance Reports) were closed in the month of February 2020.

Construction Package 4

- The contractor invoiced \$16M, compared to the \$10M that was projected.
- Seven structures are underway; 20 miles of guideway are now available for construction (an increase of one mile from last month's 19 miles).
- The Revised Baseline Schedule for CP 4 is expected to be concluded and agreed in principle in March 2020.
- 100% of the main design is complete; however, the design-build contractor is redesigning one structure to overcome a utility conflict. This redesign is expected to be finished within the first quarter of 2020.
- Acquired 10 out of the required 12 ITPs; the remaining ITPs are projected to be acquired within the second quarter of 2020.
- Bridge construction is progressing at seven locations.
- 85% of the guideway embankment is substantially complete.
- The Authority continues to negotiate with landowners regarding ROW acquisition, while developing plans for mitigation actions.

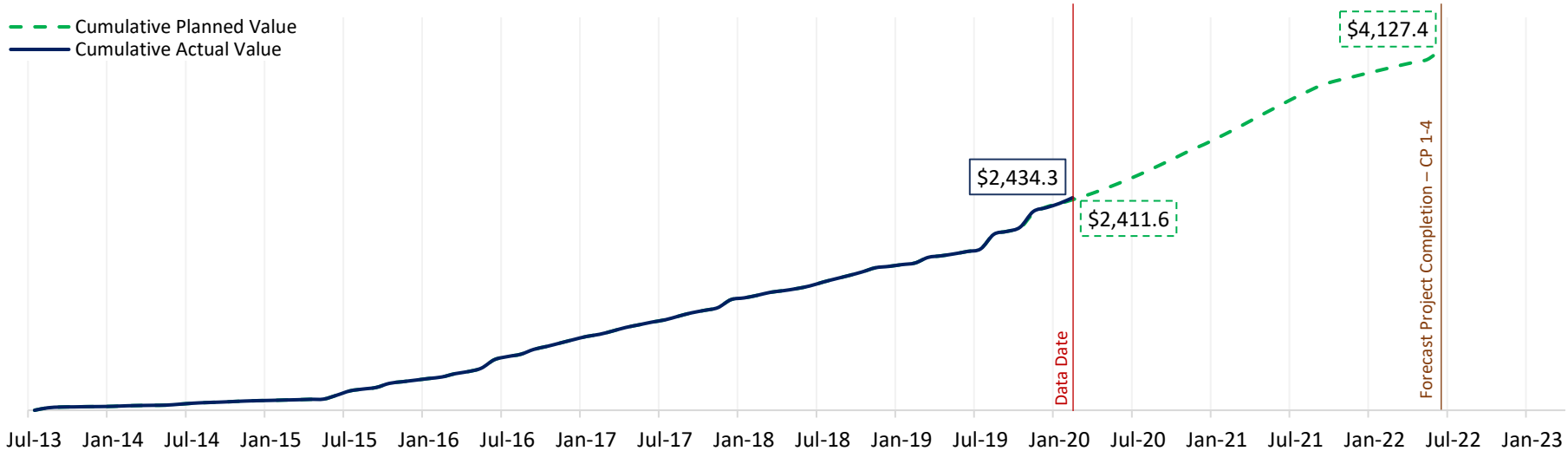
Real Property (Right-of-Way)

- Production through March 9, 2020 includes the following:
 - Delivered to DB - Thirteen parcels were forecast in the month of February for Construction Packages 1-4 and nine parcels were Delivered to the Design Builder. The remaining four parcels forecast for February were delivered in March.
 - Land Right Conveyances - Thirteen Land Rights Conveyances were forecast in the month of February for Construction Packages 1-4 and thirteen were recorded.
- GeoAMPS is now the single system of record for ROW acquisition, delivery, and land conveyance activities.
- Public lands are now incorporated into the acquisition and delivery metrics and will continue to be incorporated in future reports.
- Real Property and the Project and Construction Management Contractors continue their efforts to re-baseline design/construction schedules to include all acquisition and land rights conveyances for Construction Package 1-4.
- Communication, collaboration, and coordination with Pacific Gas & Electric Company (PG&E) resulted in agreed upon rules for land rights conveyance. All parties know what is expected, with the goal of no re-work. Production increased after two all-day workshops with the Authority, consultants, and PG&E.
- Fresno Irrigation District and Madera Valley Water Company indicated delays in review and concurrence may occur due to workforce reduction and teleworking. Relocation of their facilities are critical path and needs to be completed within the next coming irrigation off-season.
- County Recorders' offices are closed to walk in service, resulting in land right conveyances not being recorded daily. Minimal impact since PG&E agreed to accept fully executed documents in lieu of recorded documents. Real Property is working with other third parties accordingly.
- Courts are adjusting their practices by jurisdiction. Non-urgent matters are not being accepted for filing in some courts, and court operations are changing as the COVID-19 situation continues to evolve. On March 16, 2020, the Supreme Court of California filed an order suspending in-person oral arguments and allowing counsels to appear remotely via video conference, telephone conference, or by other electronic means. Delays in court proceedings may result in delayed possession of properties and ability to deliver to the design build contractor.
- Real Property continues to negotiate with the property owners. Any property owners that express a desire to not meet in person are provided an opportunity to engage via a communication method they are comfortable with.
- Title companies reduced their in-office staff; however, they continue to make appointments for signing documents.
- Right-of-Way process review is underway to evaluate what is and is not working, strategies for improvements, and analyzing the adaption to teleworking.
- The April report reflects data through March 9, 2020. The May report will reflect data through March 31, 2020, as planned.

Infrastructure Delivery Overview – 119-mile Central Valley Segment Construction Packages 1-4 (CP 1-4)

CP 1-4 – Earned Value

CP 1-4 – Planned vs. Actual Expenditures from Contract Award Through Contract Completion (\$ Millions)



The chart above shows historical expenditures from the award of the first construction package through February 29, 2020. The planned values from January 2020 to December 2022 are based on the Proposed Schedules developed for all the construction packages as of January 2020. The completion value (\$4B) is based on the current contract values of the construction packages and does not include SR-99. This value does not include change orders that are yet to be executed. It is anticipated that the total current contractual value \$4B will be expended by end of June 2022.

CP 1-4 – Projected Milestones

Milestone	Date
01. CP 1 Main Design Complete	Mar-20 ¹
02. CP 1 ROW Acquisition Complete	Nov-20
03. CP 1 Environmental Clearance Complete	June-20 ³
04. CP 1 Utility Relocation Complete	Mar-21

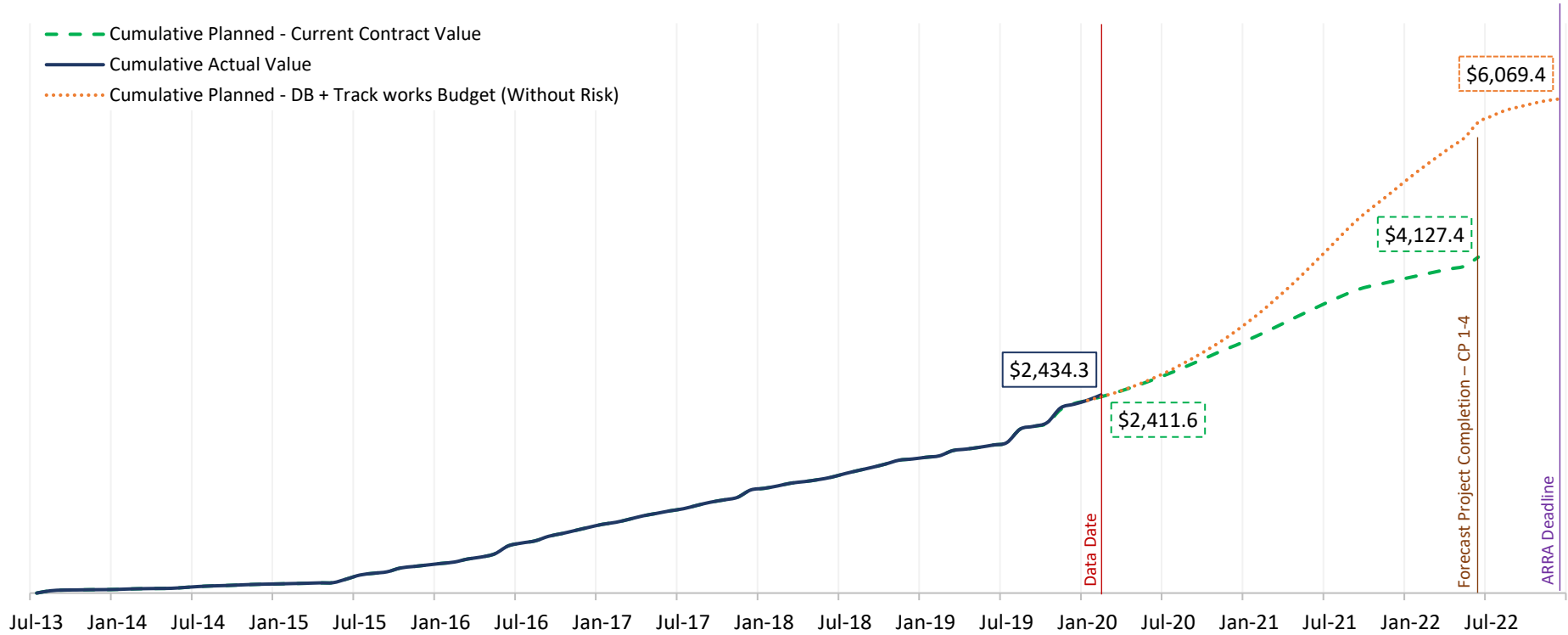
Milestone	Date
05. CP 2-3 Main Design Complete	May-20
06. CP 2-3 ROW Acquisition Complete	Jan-21 ²
07. CP 2-3 Environmental Clearance Complete	May-20
08. CP 2-3 Utility Relocation Complete	Mar-21

Milestone	Date
09. CP 4 Main Design Complete	Feb-20 (Complete)
10. CP 4 ROW Acquisition Complete	Dec-20
11. CP 4 Environmental Clearance Complete	Mar-20
12. CP 4 Utility Relocation Complete	Mar-21

Notes:

1. CP 1 Main Design has been pushed to March 2020 as the DB, PCM and UPRR address design delays for the utility relocations which is critically impacting the schedules.
2. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBSs).
3. CP 1 Environmental Clearance pushed to June 2020 in order to review the Hazardous Abatement designs at the structure and guideway sites.

Remaining Expenditures to Achieve ARRA (DB+ Track Works) Within the Current Baseline (No Risk Included - \$ millions)



Remaining DB and Track Work Baseline Items:

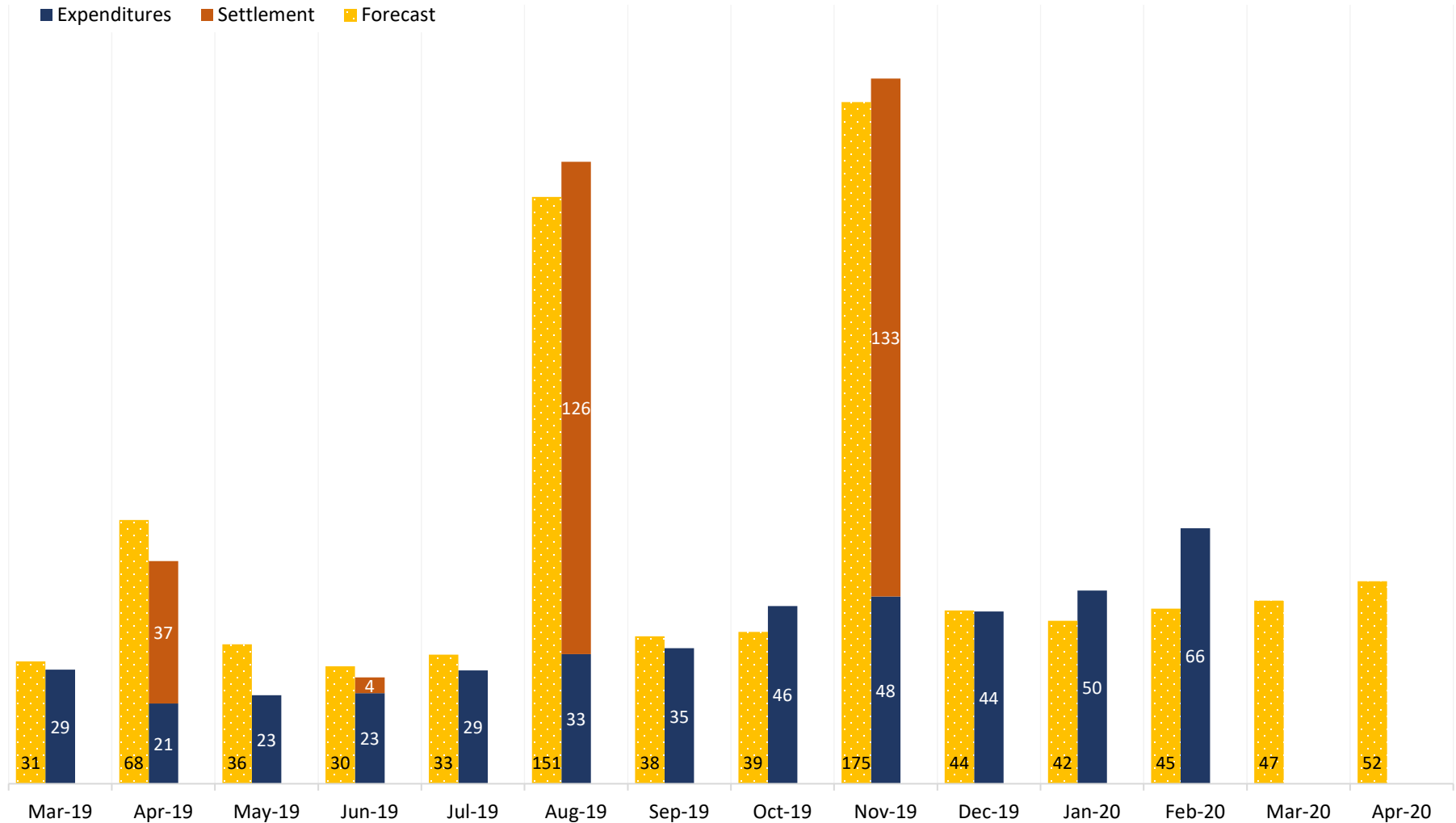
- Intrusion Protection Barriers and other railroad related works.
- North Extension (Avenue 17 to 19 in Madera County).
- Third-Party related work (e.g., Additional PGE and AT&T work).
- Track Works (Needed for ARRA fulfillment).
- Miscellaneous Works Modifications (e.g., Utility Relocation, Environmental Mitigation, Cast in Place Walls).
- Cumulative Planned – Current Contract Value (dotted green line) is based on the current contract values for CP 1-4. This will be updated once the Revised Baseline Schedules (RBSs) are finalized.

Notes:

1. The Remaining Baseline items are the Design-Build future scope that are not currently contracted but are required to be completed for delivery of the 119-mile infrastructure.
2. The above forecast does not include the estimated risk in the baseline budget.
3. The June 2022 Cumulative Plan forecast projection moved from last month's \$4,042.9M to \$4,127.4M mark because of the \$84.4M in Change Order executions that took place in February 2020.

CP 1-4 - Design-Build Planned vs. Actual Expenditures – Near Term

CP 1-4 – Monthly Expenditures (\$ Millions)

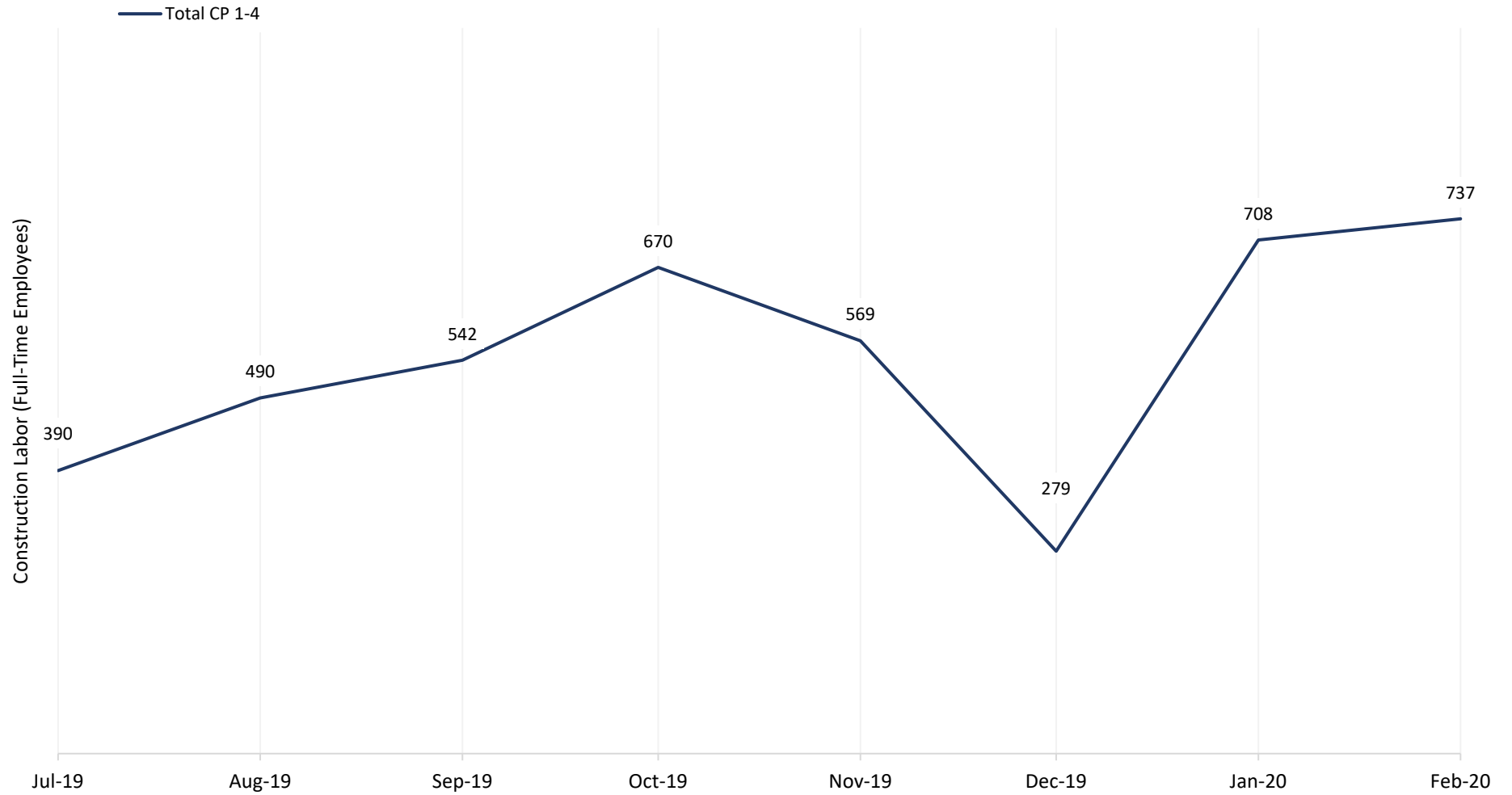


Notes:

1. Expenditures contained in the chart above are specific to the Design-Builder production and based on the certified invoice reported in the respective month and do not include accrual adjustments.
2. Forecasted expenditures are based on the Proposed Schedules developed for CP 1-4 as of February 2020.
3. Sudden increases in the expenditure values are due to the Time Impact Analysis Settlements.
4. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS) due in March 2020's reporting data.
5. January 2020's data reported February 2020's projection to be \$58M, however that was incorrect. The current projection of \$45M is now in alignment and correct.
6. Actuals for December 2019, January 2020 and February 2020 have been updated to reflect certified invoiced amounts.

CP 1-4 Monthly Construction Workforce Total

CP 1-4 – Monthly Construction Workforce Total – Actual

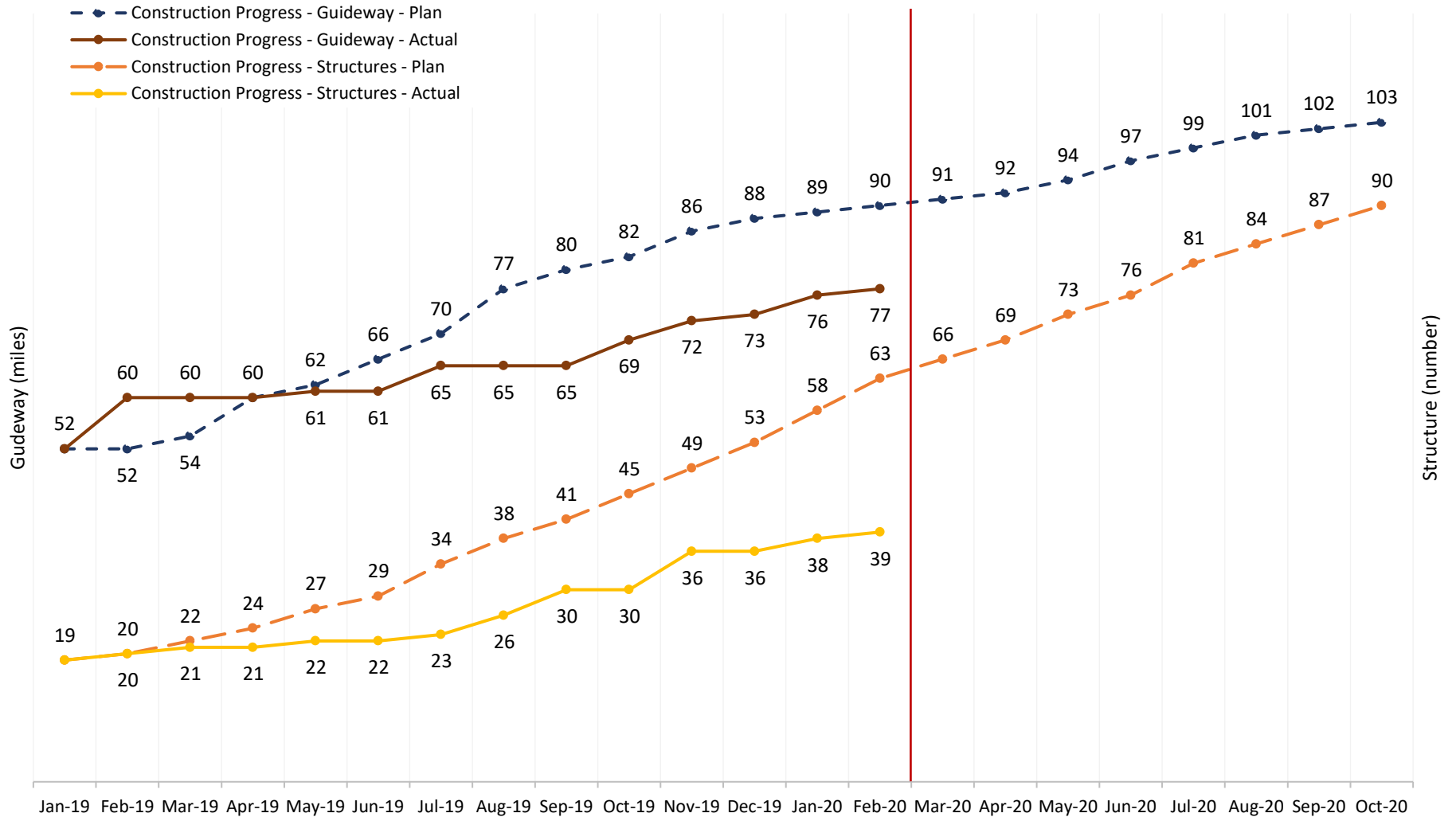


Notes:

1. The Construction Labor numbers (Full-Time Employees) are based on the final week of each calendar month.
2. The December 2019 reporting number shows a sharp decrease due to the holiday week of December 23rd through December 31st.

CP 1-4 – Structures and Guideway Progress – Planned vs. Actuals

CP 1-4 – Construction Progress to Completion – Forecast vs. Actual



Notes:

1. Total Structures: 93 each.
2. Total Guideway: ~119 miles.
3. Actual guideway for the month of February 2020 increased by 0.8 miles.
4. This forecast is based on the get to work plans developed in January 2019.
5. The March 20 through October 20 Plan totals only represent a developing forecast. A revised projection will be updated upon the finalization of the Revised Baseline Schedules (RBSs) due in April 2020.

CP 1-4 – Construction Progress

CP 1-4 – Construction Progress Summary

CP	Category	Progress	Status Update
CP 1	Structures	Planned: 28 Structures Actual: 17 Structures Status: Behind by 11 Structures	<ul style="list-style-type: none"> Golden State Boulevard abutments 1 and 5 are pending execution of out grants¹ to enable the utility crossover relocations. The PCM is finalizing plans for bents 2, 3 and 4 for construction. The PCM is mitigating Jensen Trench Phase I and II gas and sewer relocations, which could bring completion forward to May 2020. The PCM is redesigning Central Avenue, Avenue 15 ½, Avenue 9 and McKinley Avenue to avoid additional ROW requirements. PG&E out grants are in progress, and staff expects early civil packages by August 2020. Herndon Avenue (two structures – one UPRR and one high-speed rail) are pending additional ROW acquisition, which will allow storm drain relocation construction to commence by the start of April 2020. Road 26 and Avenue 17 are pending utility redesigns and the execution of the North Extension Change Order.
CP 1	Guideway	Planned: 16 Miles Actual: 12 Miles Status: Behind by 4 Miles	<ul style="list-style-type: none"> Guideway has cleared 12 miles to include the utilities. Delays are anticipated because Intrusion Protection Barrier (IPB) design has not been finalized (60% design is with the railroad and the Authority for review). Approximately 1.5 miles are being delayed due to Mechanically Stabilized Earth (MSE) wall approval. TPZP is successfully completing three test piles to progress with guideway in Madera County.
CP 2-3	Structures	Planned: 24 Structures Actual: 15 Structures Status: Behind by 9 Structures	<ul style="list-style-type: none"> Adams Avenue is on hold due to the Fresno County encroachment permit. Land right conveyance and out grant issues are preventing the start of construction at five locations: Floral Ave., Elkhorn Ave., Dover Ave., Jackson Ave. and Fowler Ave. However, the PCM team and the Authority are actively working on mitigating these issues. The PCM is working to resolve early work approval issues with Caltrans to begin work at three locations: SR-43 tied arch, Tule River and SR-43 curved bridge.
CP 2-3	Guideway	Planned: 53 Miles Actual: 45 Miles Status: Behind by 8 Miles	<ul style="list-style-type: none"> Resolution to the soft soils issue in Segment 3: The PCM is currently evaluating the three-dimensional (3D) model defining the rally waves' effect on the soft soil. The PCM is currently acquiring more information from Dragados Flat Iron Joint Venture (DFJV) on the 3D test results. The design-build contractor and the Authority are collaborating to revise the designs, as necessary, for solutions to mitigate the affected areas. Once the PCM resolves these issues, eight miles of embankment will be available for construction. The PCM is anticipating that the start of the embankment work from Riverside Ditch to Dover Ave. in Segment 2 will start in March 2020.
CP 4	Structures	Planned: 11 Structures Actual: 7 Structures Status: Behind by 4 Structures	<ul style="list-style-type: none"> Structures design is complete. However, one structure (Peterson Road Underpass) is being redesigned due to pending negotiations with third parties and utilities regarding the relocation of their assets. The PCM continues to negotiate with landowners regarding ROW acquisition. The PCM is evaluating the impact on the start of construction and is implementing mitigation actions. Construction continues on the following six structures: the Garces Highway Underpass, Pond Road Underpass, Poso Creek Overpass, Wasco Viaduct, Merced Avenue Overpass, and the Kimberlina Road Underpass.
CP 4	Guideway	Planned: 21 Miles Actual: 20 Miles Status: Behind by 1 Mile	<ul style="list-style-type: none"> Guideway construction progress is affected by the ongoing negotiations with landowners regarding land right acquisitions. Subgrade preparation and the importing of embankment, as well as clearing construction activities continued during the month in available areas. The PCM continues to work on relocating utilities, including PG&E, Sempra, AT&T and others. Demolition started on two buildings and earthworks continues along SR-46 and 6th Street.

Notes:

1. Out grant refers to grant of interest or right to one to use government real property by a lease, easement, license, or permit. It is an agreement whereby a private party may, depending on the type of real estate instrument issued, enjoy an interest in or use real property.
2. Bents are the basic post and beam structure that forms a cross section for the frame that has been set in place, the bents are then lifted and dropped into place one by one by the crane.

CP 1 – 4 ROW Summary

- **ROW established metrics to track the following:**

Acquisition Tracking

- Parcel: Property rights required from others and public lands which are property rights required from public entities and/or multiple parties.
- Railroad: Property rights and other agreements required from railroads.

Land Conveyance Tracking

- Tier 1 Land Rights Conveyances (critical): Entities requiring transfer of title prior to completion of work (Pacific Gas & Electric, Southern California Edison, Fresno Irrigation District, Fresno Metropolitan Flood Control District).
- Tier 2 Land Rights Conveyances (non-critical): Entities where transfer of title does not need to occur prior to beginning work.

- **GeoAMPS is now the single system of record for ROW acquisition, delivery, and land conveyance activities. Two additional tables are included in this report to account for recent changes resulting from transition to GeoAMPS.**
 - Addition of Public Lands to Parcel Acquisition Summary – accounts for the remaining acquisition of public land where property rights are required from public entities and/or multiple parties. Public lands are now incorporated into the acquisition and delivery metrics and will be incorporated in future reports.
 - ROW Parcel Acquisition Reconciliation – accounts for the reduction in parcels from Design-Builder (DB) optimizing design and adjustments necessary due to a quality review/assurance effort during data migration into GeoAMPS that identified issues with categorization/definition of some parcels.
- **Parcels that have been acquired, but not yet delivered to the Design-Builder (DB) are now accounted for in this report and will be included in future reports. Delivery to the DB is defined as parcels certified for construction and delivered to the DB. Delivery to the DB is the final step in the right-of-way process before construction.**

CP 1-4 – ROW Parcel Acquisition Summary

Construction Package	February CVSR Total Needed (A)	Total Needed Modifications ¹ (B)	March 9, 2020 Total Needed (C) = (A) + (B)	February CVSR Total Acquired (D)	Total Acquired Modifications ² (E)	March 9, 2020 Total Acquired (F) = (D) + (E)
CP 1	919	147	1,066	827	1	828
CP 2-3	956	55	1,011	573	31	604
CP 4	263	-10	253	172	-12	160
Total	2,138	192	2,330	1,572	20	1,592

Notes:

1. For Construction Package 1-4: 230 Public Land parcels added. 38 parcels removed due to design optimization.
2. For Construction Package 1-4: 30 Public Land parcels added. 10 transferred to railroad acquisitions and accounted for reported parcels in previous month.

CP 1-4 – ROW Acquired but Not Delivered to Design-Builder (DB)

Construction Package	March 9, 2020 Total Acquired (G) = (F)	March 9, 2020 Total Delivered to DB ² (H)	March 9, 2020 Total Acquired, Remaining to Deliver to DB (I) = (G) - (H)
CP 1	828	824	4
CP 2-3	604	587	17
CP 4	160	159	1
Total	1,592	1,570	22

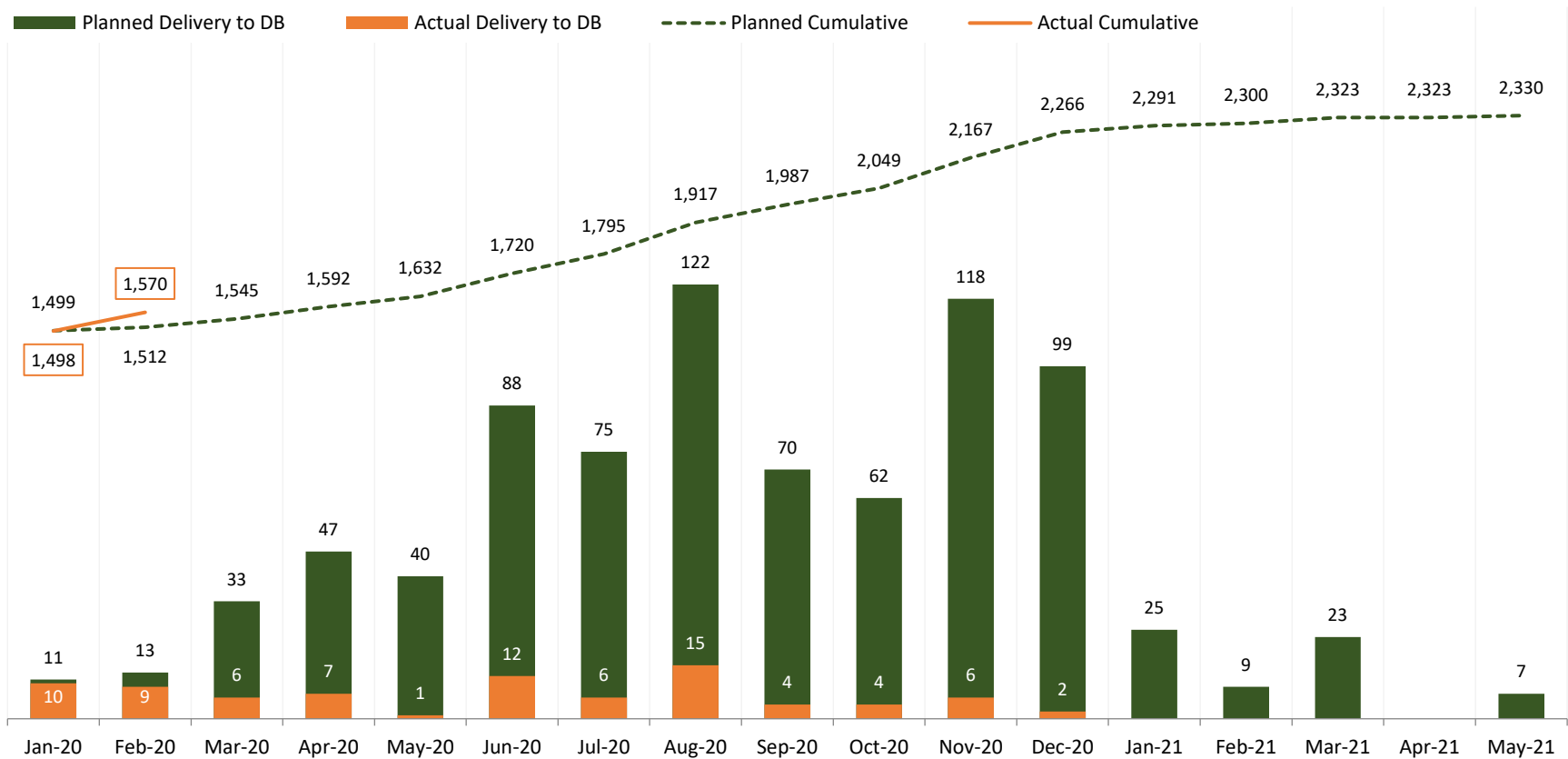
Notes:

1. Total acquired is defined as parcels that are legally possessed by the Authority.
2. Delivered to DB is defined as parcels certified for construction and delivered to the Design Builder.

CP 1-4 – ROW Summary

Construction Package	Total Needed Parcels March 9, 2020	Total Parcels Delivered to Date March 9, 2020	Remaining Parcels to be Delivered March 9, 2020
CP 1	1,066	824	242
CP 2-3	1,011	587	424
CP 4	253	159	94
Total	2,330	1,570	760

CP 1-4 – Parcel Delivery to DB Summary



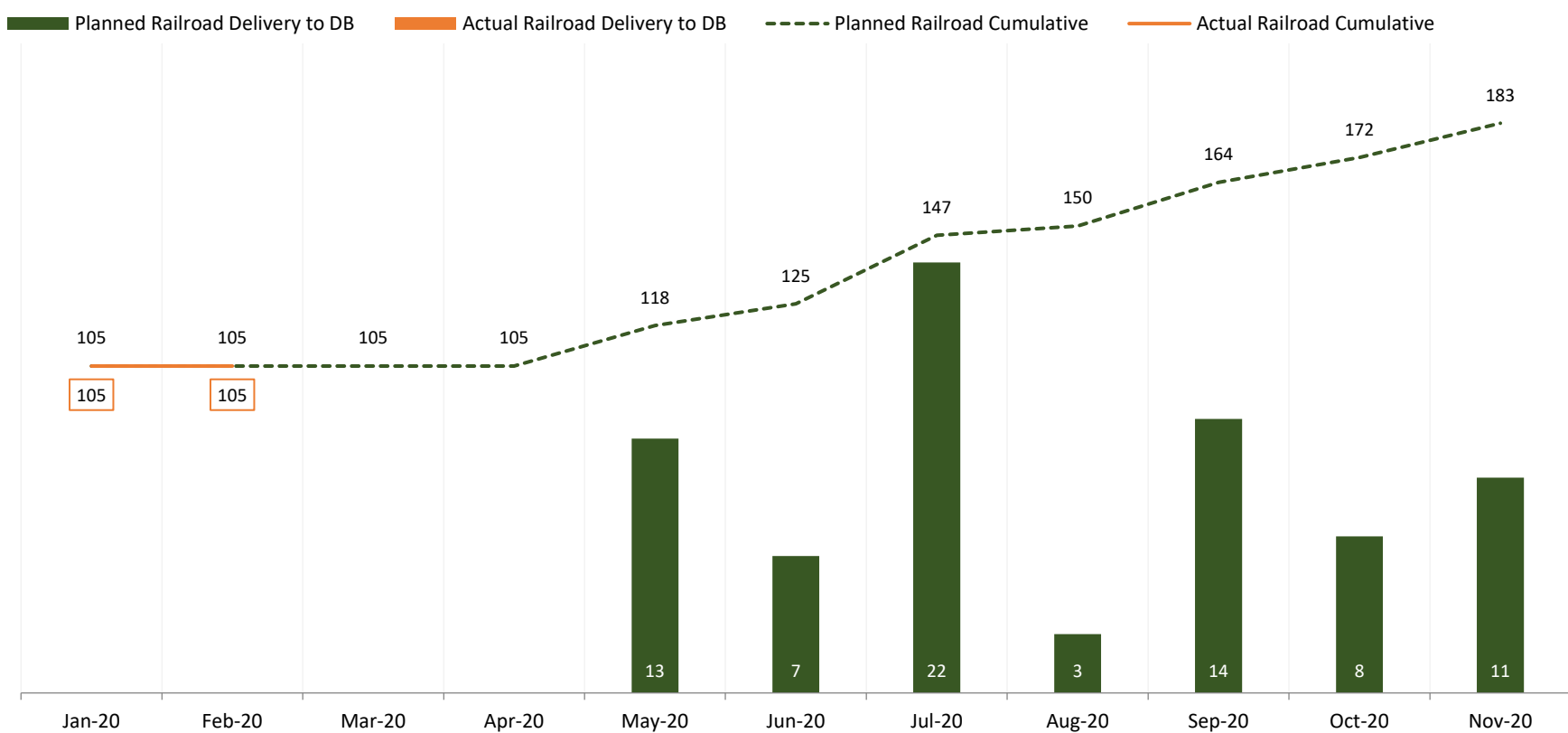
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBSs).
2. Actual Cumulative for February 2020 reflects delivered parcels that are forecasted in future months.
3. The last parcel scheduled in January and the 4 remaining parcels scheduled in February were delivered in March.

CP 1-4 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels March 9, 2020	Total Railroad Parcels Delivered to Date March 9, 2020	Remaining Railroad Parcels to be Delivered March 9, 2020
CP 1	95	52	43
CP 2-3	58	26	32
CP 4	30	27	3
Total	183	105	78

CP 1-4 – Railroad Parcel Delivery to DB Summary



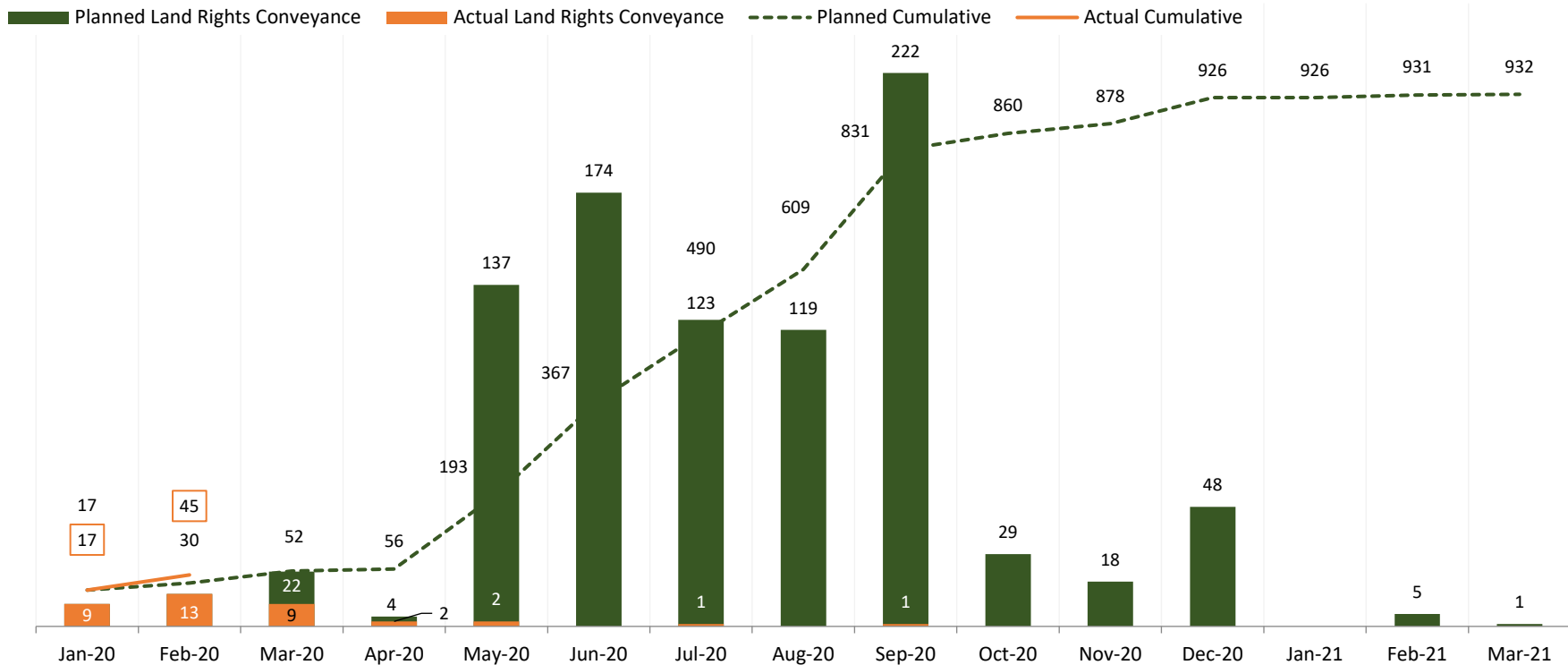
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBSs).

CP 1-4 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary

Construction Package	Total Needed Land Rights Conveyances March 9, 2020	Total Land Rights Conveyances Recorded March 9, 2020	Remaining Land Rights Conveyances to be Recorded March 9, 2020
CP 1	363	21	342
CP 2-3	491	21	470
CP 4	78	3	75
Total	932	45	887

CP 1-4 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary



Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBSs).
2. Actual Cumulative for Feb-20 includes completed land rights conveyances that are forecasted in future months.

119-Mile Central Valley Segment – Third-Party Agreements

CP 1-4 – Look Ahead - Estimated Completion Timeline for Third-Party Agreements

Entity	Project Section	Result of Resolution	Previous Estimated Completion	Current Estimated Completion
County of Fresno	CP 1 & CP 2-3	Updates road closures, reflecting design changes made since original Cooperative Agreement. Further clarifies remediation of County property post-construction. Authority resolving with County the remaining issues: road remediation and irrigation lines.	Apr-20	Apr-20
County of Fresno	CP 1 & CP 2-3	Defines ownership and maintenance of grade separations between Authority and County in perpetuity. Authority resolving with County the remaining issues: road remediation and irrigation lines.	Apr-20	Apr-20
Madera Valley Water Company (MVWC)	CP 1	Obtain MVWC’s cooperation and capture essential terms working together to relocate MVWC facilities. MVWC legal review.	Apr-20	Apr-20
Corcoran Irrigation District	CP 2-3	CID’s review of technical engineering documents, coordination, and review of real property documents. Authority submitted CID agreement on February 13, 2020. CID currently reviewing with expected signature by March 31, 2020.	Mar-20	Mar-20
County of Kings	CP 2-3	Covers transfer of Right-of-Way between Authority and County. Grants immediate right of possession to Authority and use of existing Right-of-Way for construction.	Mar-20	Mar-20
Kings County Water District	CP 2-3	CCUA ¹ template allows prompt execution of land conveyances.	Mar-20	Mar-20
Kings County Water District	CP 2-3	JUA ² template allows prompt execution of land conveyances.	Mar-20	Mar-20
Lower Tule River Irrigation District (LTRID)	CP 2-3	LTRID review of technical engineering documents, coordination, and review of real property documents. Focused efforts on executing the LTRID Master Agreement Amendment. The Master Agreement Amendment impacted critical path. Now accelerating efforts on negotiating Reimbursement Agreement.	May-20	May-20

Notes:

1. Consent to Common Use Agreement (CCUA) - CCUAs recognize/perpetuate a facility owner’s existing rights where a facility is either protected in place in an area that is now within the Authority’s Right-of-Way, or relocated to a new position within the Authority’s Right-of-Way, but also still within the facility owner’s existing Right-of-Way (for example, an open canal is converted to a box culvert under the Authority corridor). CCUAs also establish the facility owner’s and Authority’s respective rights and obligations for occupying, maintaining, and accessing the joint use area.
2. Joint Use Agreement (JUA) - JUAs identify and convey replacement easement rights to facility owners when their utility facility relocates to a position within the Authority’s Right-of-Way and outside or partly outside of the facility owner’s existing Right-of-Way. JUAs also establish the facility owner’s and Authority’s respective rights and obligations for occupying, maintaining, and accessing the joint use area.

CP 1-4 – Look Ahead - Estimated Completion Timeline for Third-Party Agreements (cont'd.)

Entity	Project Section	Result of Resolution	Previous Estimated Completion	Current Estimated Completion
Settler's Ditch Company	CP 2-3	Settler's review of technical engineering documents, coordination, and review of real property documents. Authority submitted agreement to Settler's on February 13, 2020. Settler's currently reviewing with expected signature by March 31, 2020.	Mar-20	Mar-20
People's Ditch Company	CP 2-3	People's review of technical engineering documents, coordination, and review of real property documents. Authority submitted agreement to People's on February 13, 2020. People's currently reviewing with expected signature by March 31, 2020.	Mar-20	Mar-20
Southern California Edison	CP 2-3 & CP 4	Utility agreement addendum for duct and substructure construction work. Escalation ladder established. Resolving remaining provision with Authority legal.	Mar-20	Mar-20
City of Wasco	CP 4	Covers transfer of Right-of-Way between Authority and City. Grants immediate right of possession to Authority and use of existing Right-of-Way for construction. Focused efforts on utility agreements. Now accelerating efforts back to negotiating this Right-of-Way Transfer Agreement.	May-20	May-20
City of Wasco	CP 4	Defines ownership and maintenance of grade separations between Authority and City in perpetuity. Focused efforts on utility agreements. Now accelerating efforts back to negotiating this Ownership and Maintenance Agreement.	May-20	May-20
City of Wasco	CP 4	Design and construction of pedestrian underpass at Wasco Amtrak station. City refuses to sign utility agreements. Currently processing individual permits with City for construction.	On Hold	On Hold
City of Wasco	CP 4	Design and construction of grade separation at Poso Avenue in Wasco. City refuses to sign utility agreements. Currently processing individual permits with City for construction.	On Hold	On Hold
Semitropic Water Storage District	CP 4	Design and construction of facilities. Semitropic Board approval March 2020.	Feb-20	Mar-20
Semitropic Water Storage District	CP 4	JUA template allows prompt execution of land conveyances. Semitropic Board approval March 2020.	Feb-20	Mar-20
Semitropic Water Storage District	CP 4	CCUA template allows prompt execution of land conveyances. Semitropic Board approval March 2020.	Feb-20	Mar-20

119-Mile Central Valley Segment – Environmental Clearance - Incidental Take Permits (ITP) Summary¹

Merced-Fresno 2081 ITP, Permit Number 2081-2013-025-04, Issued on 12-Mar-14

ITP Name	Amendment Status	Construction Project	ITP Amendment Construction Implications	Previous Date of Approval / Issue	Current Date of Approval / Issue
Utility Design Refinements	Contractor Revising	CP 1	Documents the changes in utility design at various locations in CP 1.	Mar-20	Mar-20
Hairy Orcutt Grass	Amendment Executed	CP 1	Identifies the mitigation site for Hairy Orcutt Grass (HOG). There is no impact on construction.	Feb-20	Feb-20
North Extension Separation of Rail	Authority QA/QC	CP 1	Accommodates increase in construction footprint to realign high-speed rail guideway away from existing freight rail lines in the North Extension of CP 1.	Jun-20	Jun-20
Utility and BNSF Access Road Cleanup	TPZP/PCM	CP 1	This amendment is incomplete and is currently under review. The amendment will be resubmitted to California Department of Fish and Wildlife (CDFW) after the review is complete.	Mar-20	Mar-20

Fresno-Bakersfield, 2081 ITP, Permit Number 2081-2015-024-04, Issued on 15-Jun-15

ITP Name	Amendment Status	Construction Project	ITP Amendment Construction Implications	Previous Date of Approval / Issue	Current Date of Approval / Issue
Deer Creek/Cross Creek	CDFW Deemed Complete	CP 2-3	Accommodates design changes in the Deer and Cross Creek areas.	Mar-20	Mar-20
Table 5	In Review with CDFW	CP 2-3	Finalizes the locations of dedicated wildlife crossings.	May-20	May-20
BNSF/PG&E	In Review with CDFW	CP 4	Covers additional ROW adjacent to the mainline required for relocation of third-party utilities and access to utilities and BNSF operations areas. The amendment also includes various other small footprint adjustments along the alignment.	May-20	May-20

- Note:**
- The above table represents a snapshot in time of the ITP amendments needed to complete CP 1-4. Some additional design changes may occur to complete utility relocations. As design progresses and achieves final approval, the risk of additional amendments shrinks.

CONSTRUCTION PACKAGE 1 (CP 1) OVERVIEW

CP 1 – Design-Build Contract Summary

Milestones

Milestone	Date
RFQ Date:	11/15/2011
SOQ Date:	12/19/2011
RFP Date:	03/22/2012
Proposal:	01/18/2013
Bid Open Date:	04/13/2013
Award Date:	08/16/2013
NTP 1 Date:	10/15/2013
NTP 2 Date:	11/22/2013
NTP 3 Date:	07/11/2014
Original Completion Date:	03/31/2018
Current Completion Date:	11/02/2021

Contract Value

Description	Amount
Fixed Bid Price:	\$969,988,000.00
Provisional Sums:	\$53,000,000.00
Original Contract Price:	\$1,022,988,000.00
Executed Change Orders:	\$880,739,170.85
Current Contract Amount:	\$1,903,727,170.85
Approved Invoices to Date ¹ :	\$1,190,679,253.46
Remaining Contract Balance:	\$713,047,917.39

Contract Time Status

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded:	1,312
Current Contract Days:	2,940
Work Days Spent (thru 02/29/2020):	2,328

Expended to Date

Description	Percentage
Time:	79.2%
Dollars:	62.5%

Growth Percentage

Description	Percentage
Time:	80.6%
Dollars:	86.1%

Note:

1. Includes estimated February 2020 invoice amount of \$20,415,828.

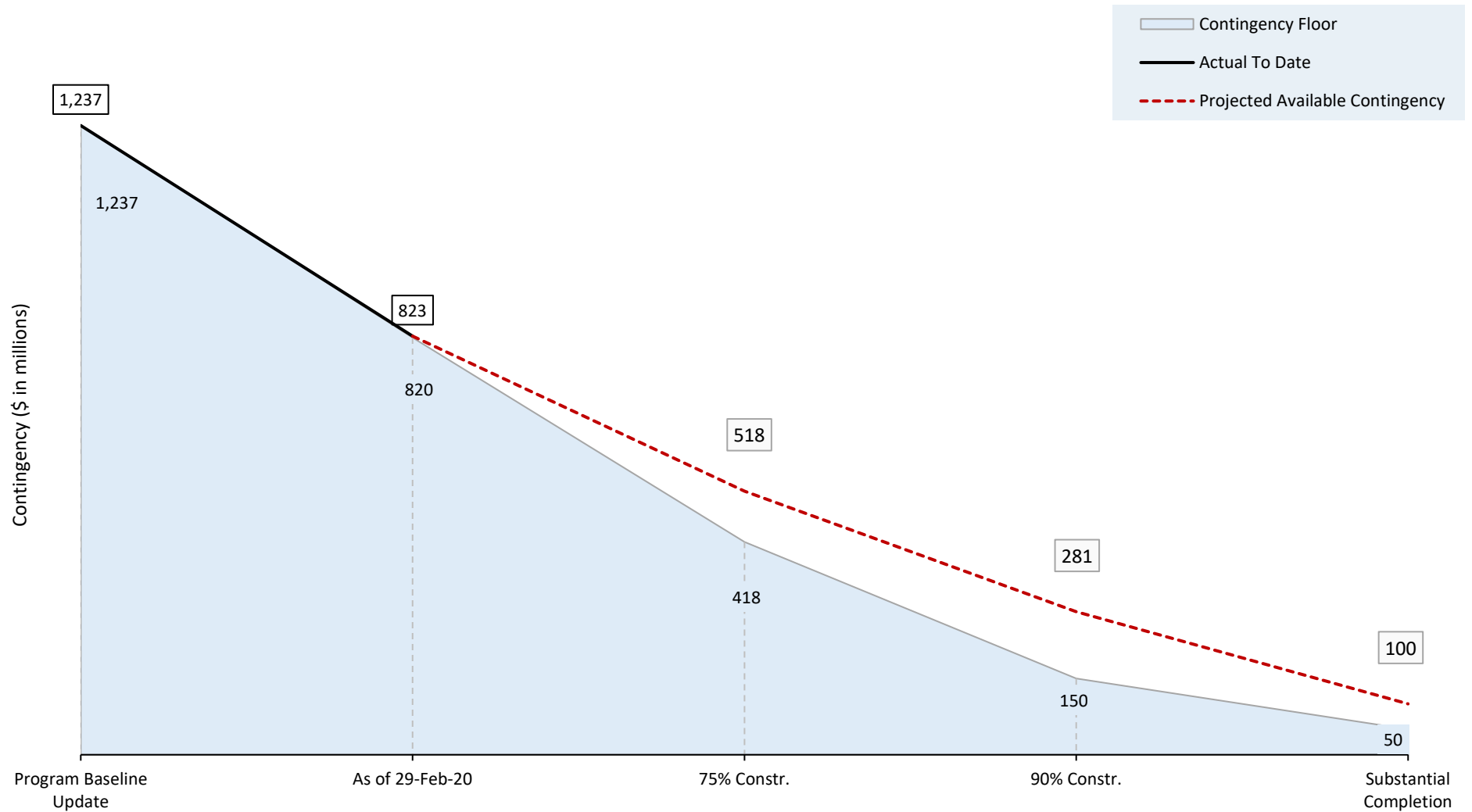
CP 1 – Executed Change Order Status

CP 1 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
00288	Fresno Street Classification	Executed	\$6,265.67	10-Feb-20
00281	Shaft Backfill at San Joaquin River Viaduct	Executed	\$21,260.00	27-Feb-20
00252.0001	Additional Construction and Installation of 6-24" Steel Casings	Executed	\$213,513.94	01-Feb-20
00231.02	Additional Construction to COF Utility Relocation Coop Agreement	Executed	\$3,197,461.00	04-Feb-20
00089.01	Additional Construction Cost – Design Changes and Time Impacts	Executed	\$33,107,436.93	26-Feb-20
00228	Authority Design Changes - MSE Abutments to Cast-In-Place Abutments (Ave. 11)	Executed	\$35,345,236.00	26-Feb-20
Total			\$71,891,173.54	

CP 1 – Risk - Contingency Report

CP 1 – Risk - Contingency Report

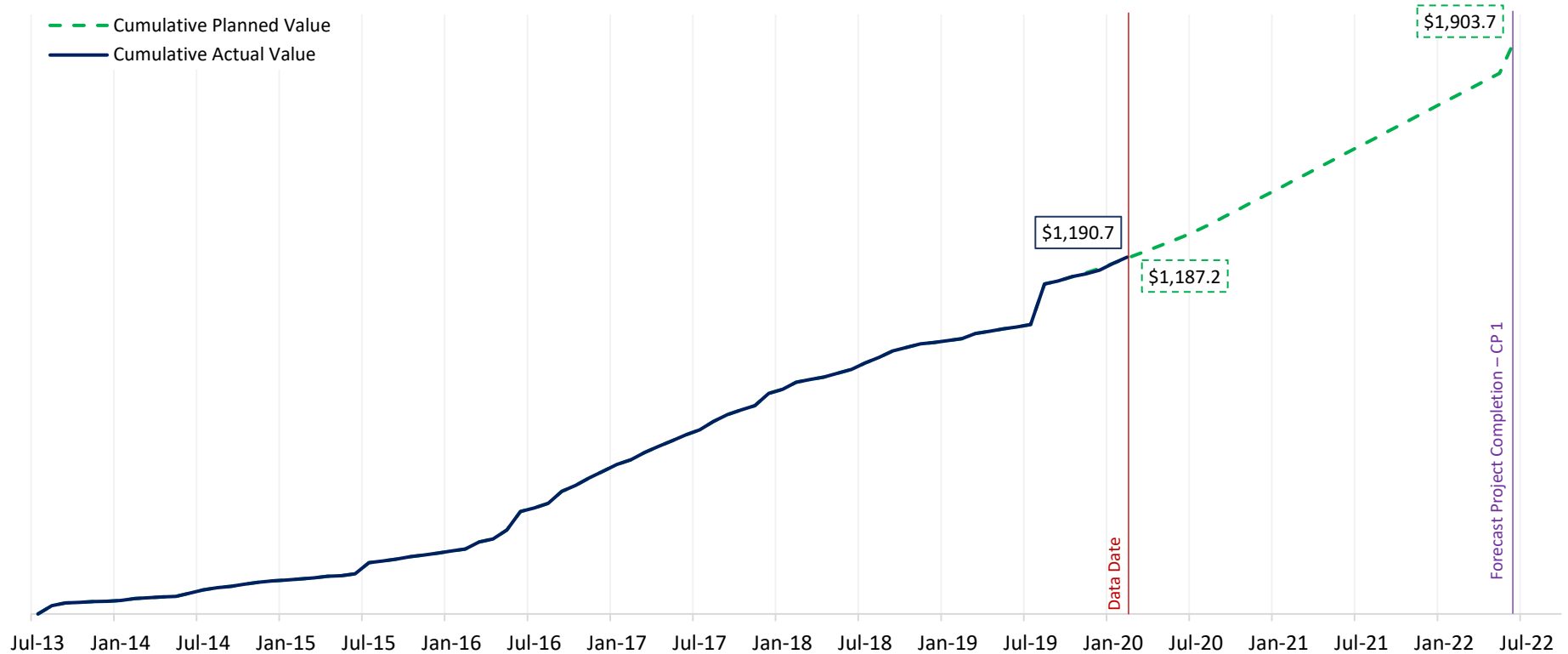


Notes:

1. The Program Baseline Update was presented to and accepted by the Board in May 2019. The adoption of the Program Baseline Update resulted in changes to contingency amounts. The contingency drawdown curve has been revised to reflect updated contingency amount for the entire CP 1 Project.
2. Contract through February 29, 2020.

CP 1 – Earned Value

CP 1 – Planned vs. Actual Expenditures from Contract Award Through Contract Completion (\$ Millions)



CP 1 – Projected Milestones

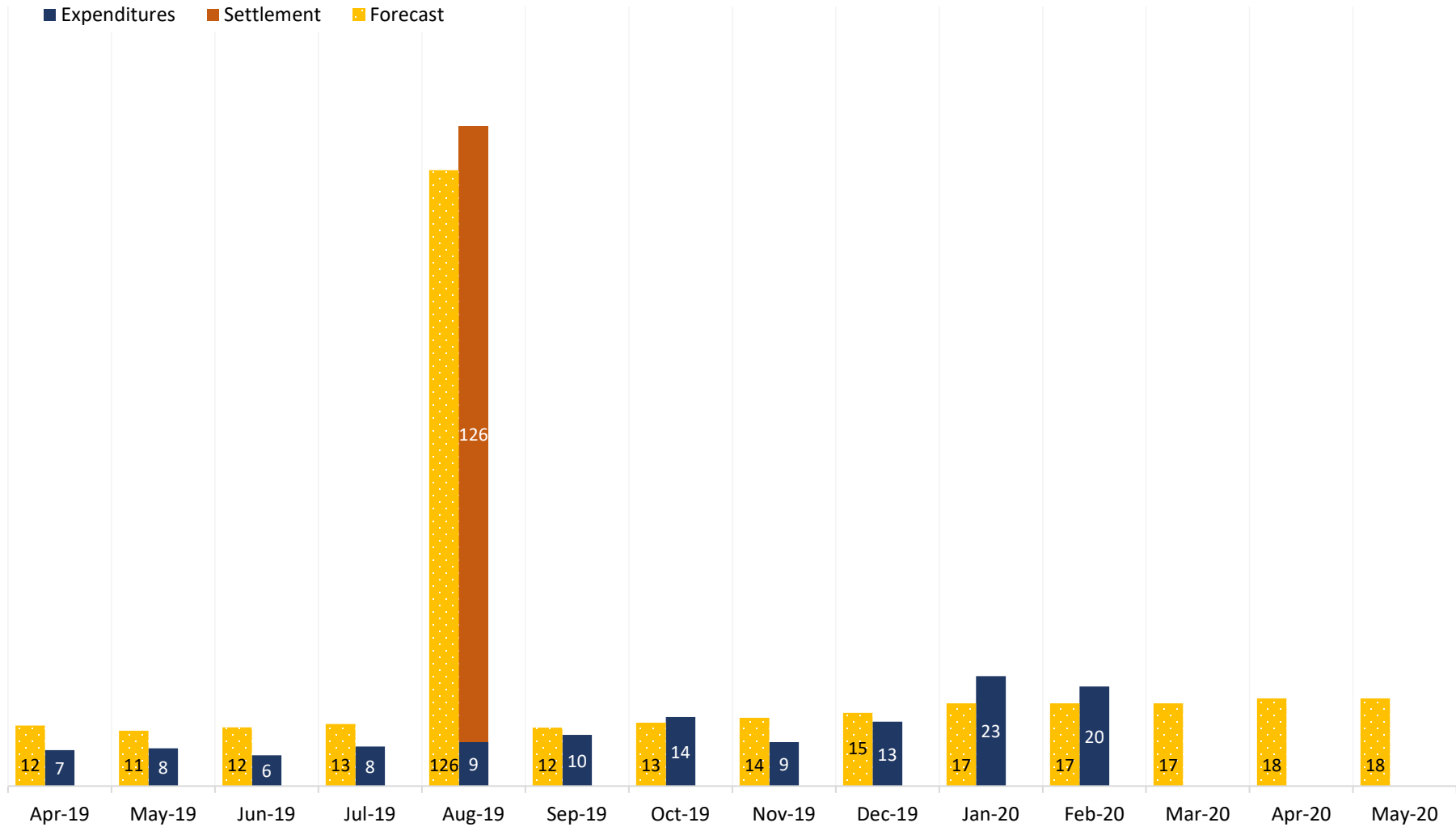
Milestone	Date
Main Design Complete	Mar-20
ROW Acquisition Complete	Nov-20

Milestone	Date
Environmental Clearance Complete	Jun-20
Utility Relocation Complete	Mar-21

- Notes:**
1. The Planned Value and Contract Substantial Completion Date is based on the CP 1 Proposed Schedule as of February 2020. This is expected to be refined as future change orders are issued and a Revised Baseline Schedule (RBS) is finalized.
 2. The sudden increase in the cumulative value is due to Time Impact Analysis settlement in August 2019.
 3. The Current Contract Value at completion does not include unexecuted change orders, including IPB, Herndon, SR-99 section remaining works, and the North Extension Revision.
 4. Main Design has been pushed to March 2020 as the DB, PCM and UPRR address design delays for the utility relocations, which is critically impacting the schedules.
 5. CP 1 Environmental Clearance pushed to June 2020 in order to review the Hazardous Abatement designs at the structure and guideway sites.

CP 1 – Design-Build Planned vs. Actual Expenditures – Near Term

CP 1 – Fiscal Year Expenditures (\$ Millions)

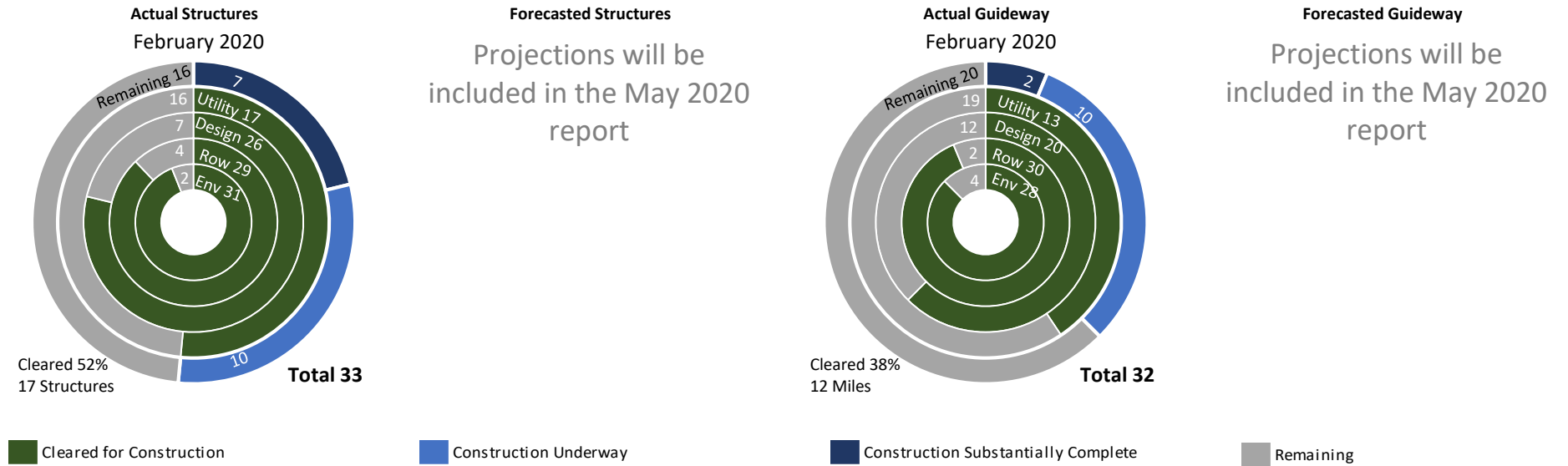


Notes:

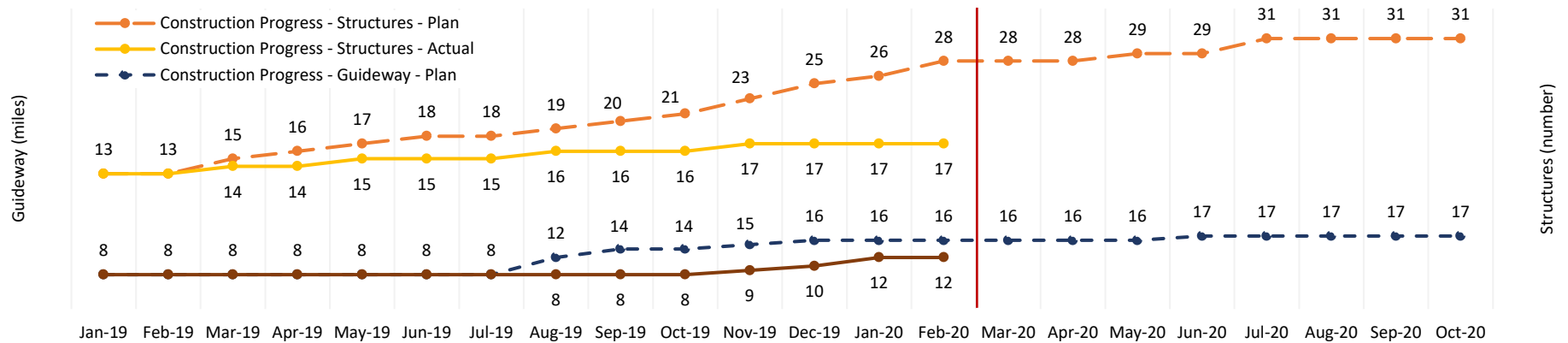
1. Expenditures in the chart above are specific to the Design-Builder production and based on the certified invoices.
2. The sudden increase in the expenditure value in August 2019 is due to the Time Impact Analysis settlement.
3. CP 1 under-reported December 2019's forecast of \$6M by \$8.5M in Change Orders thus correcting the forecast to \$15M.

CP 1 – Construction Progress

CP 1 – Construction Progress



CP 1 – Construction Progress to Completion – Forecast vs. Actual



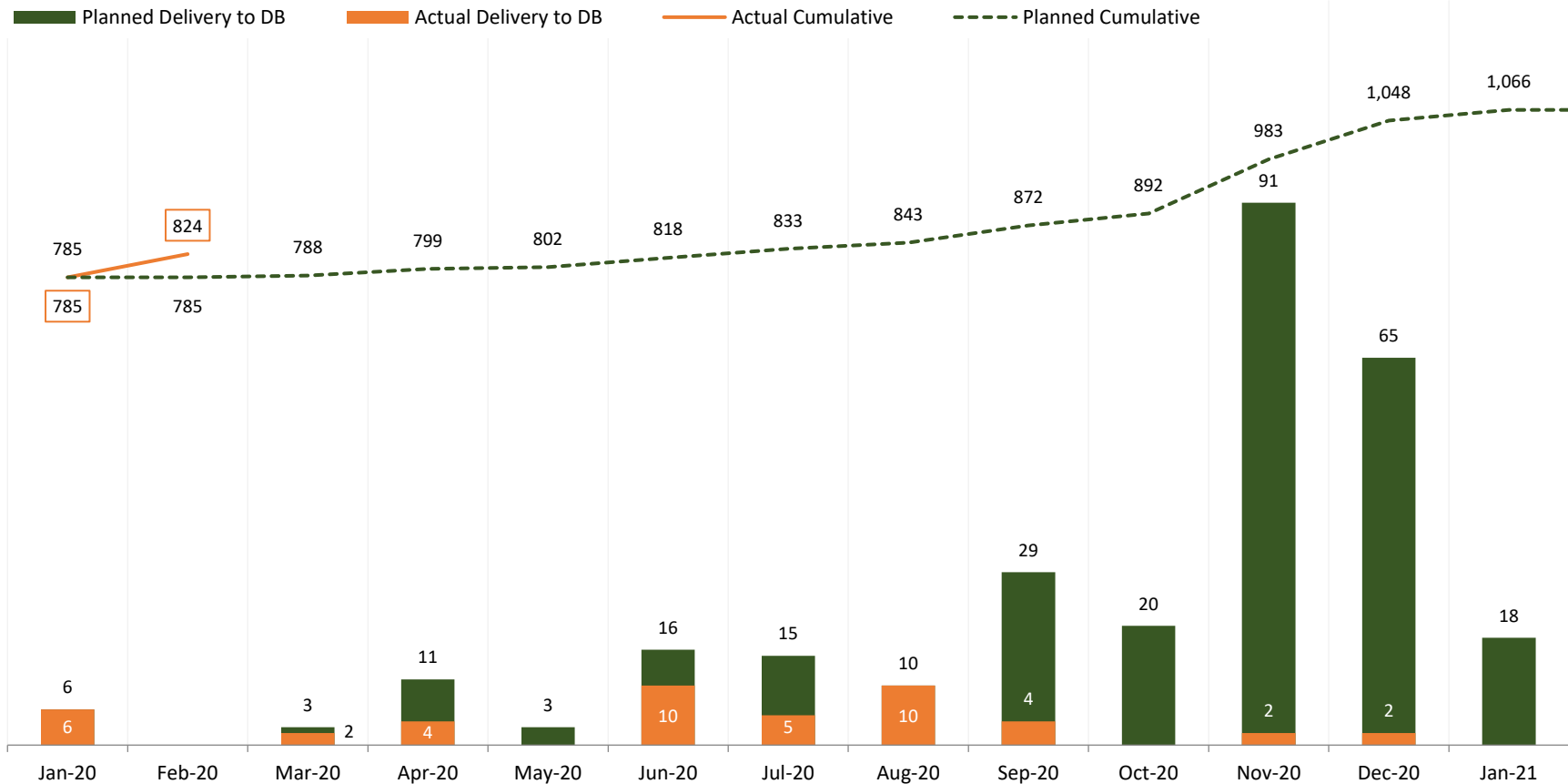
Notes:

1. Total Structures: 33 structures.
2. Total Guideway: 32 miles. This does not include SR-99 section. Guideway was added to the Caltrans contract resulting in a guideway total of approximately 32 miles.
3. This forecast is based on the get to work plans developed in January 2019.
4. A revised projection will be updated upon the finalization of the Revised Baseline Schedule (RBS).

CP 1 – ROW Summary

Construction Package	Total Needed Parcels March 9, 2020	Total Parcels Delivered to Date March 9, 2020	Remaining Parcels to be Delivered March 9, 2020
CP 1	1066	824	242

CP 1 – Parcel Delivery to DB Summary



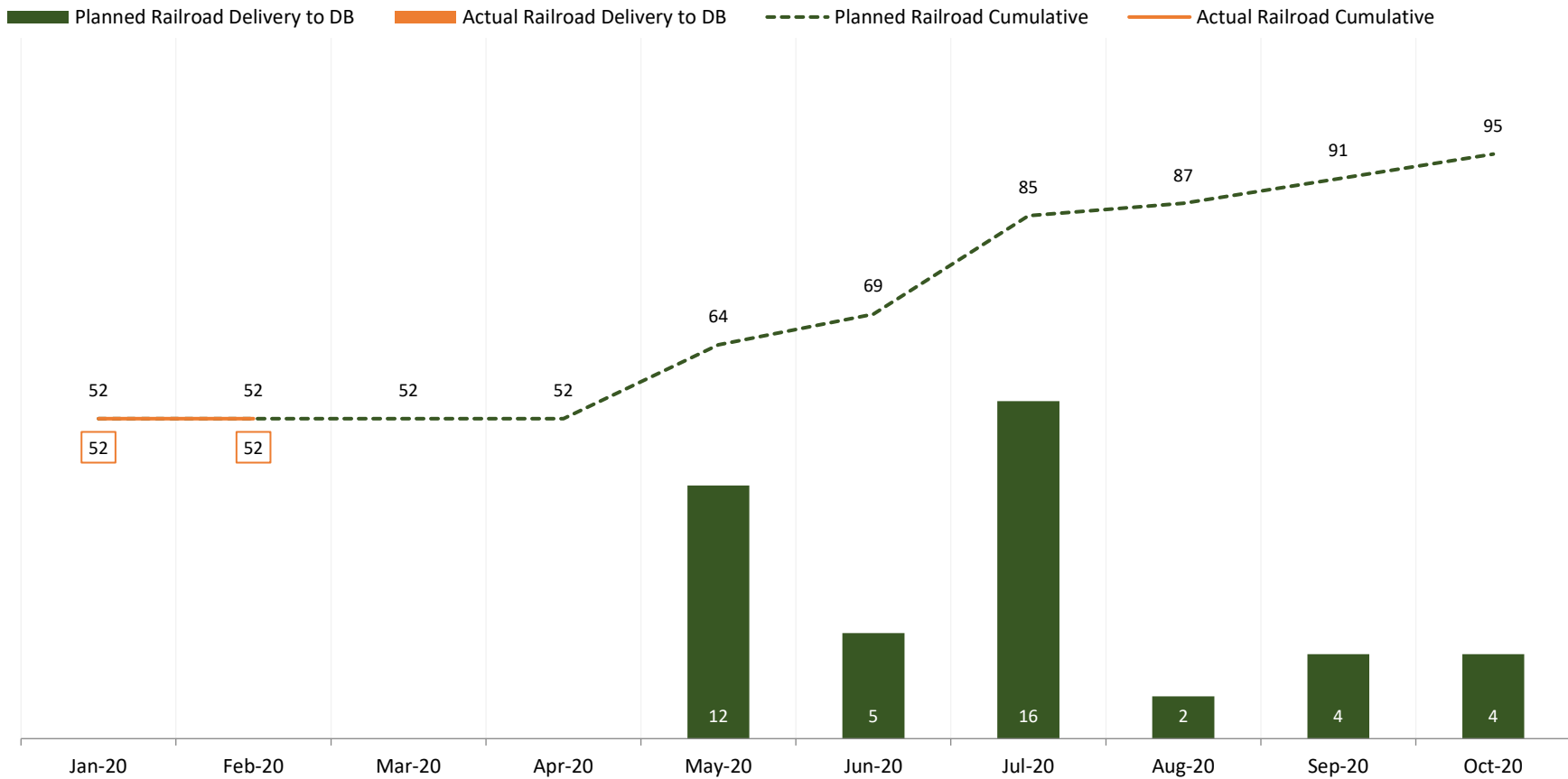
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 reflects delivered parcels that are forecasted in future months.

CP 1 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels March 9, 2020	Total Railroad Parcels Delivered to Date March 9, 2020	Remaining Railroad Parcels to be Delivered March 9, 2020
CP 1	95	52	43

CP 1 – Railroad Parcel Delivery to DB Summary



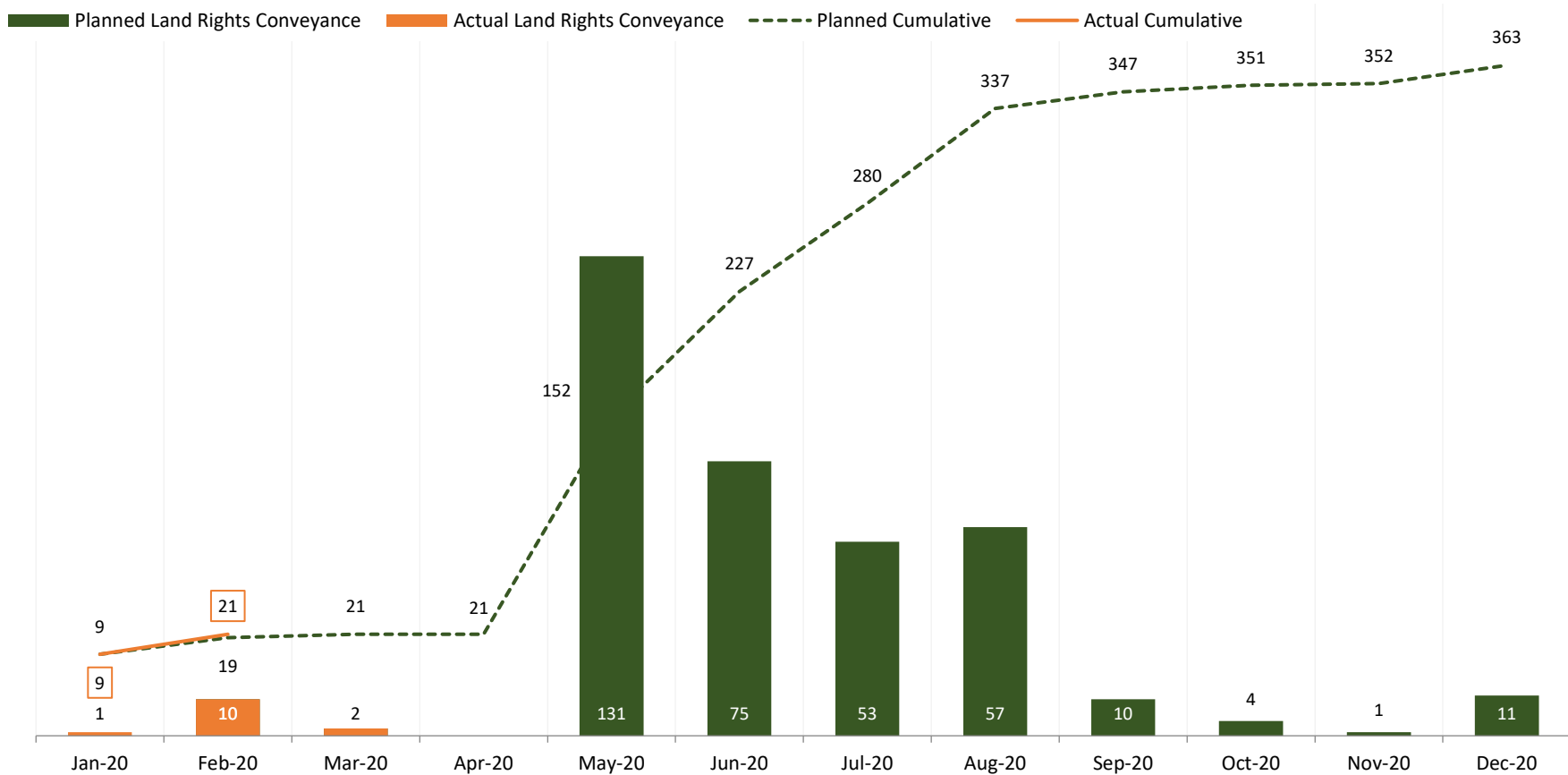
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).

CP 1 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary

Construction Package	Total Needed Land Rights Conveyances March 9, 2020	Total Land Rights Conveyances Recorded March 9, 2020	Remaining Land Rights Conveyances to be Recorded March 9, 2020
CP 1	363	21	342

CP 1 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary



Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 includes completed land rights conveyances that are forecasted in future months.

CONSTRUCTION PACKAGE 2-3 (CP 2-3) OVERVIEW

CP 2-3 – Design-Build Contract Summary

Milestones

Milestone	Date
RFQ Date:	10/09/2013
SOQ Date:	12/13/2013
RFP Date:	04/03/2014
Proposal:	10/30/2014
Bid Open Date:	12/11/2014
Award Date:	06/10/2015
NTP 1 Date:	06/12/2015
NTP 2 Date:	07/25/2015
Original Completion Date:	08/19/2019
Current Completion Date:	04/18/2022

Contract Value

Description	Amount
Fixed Bid Price:	\$1,205,335,890.00
Provisional Sums:	\$160,000,000.00
Original Contract Price:	\$1,365,335,890.00
Executed Change Orders:	\$318,991,360.42
Current Contract Amount:	\$1,684,327,250.42
Approved Invoices to Date ¹ :	\$966,354,607.22
Remaining Contract Balance:	\$717,972,643.20

Contract Time Status

Description	Duration
Original Contract Days:	1,486
Extension of Time Awarded:	973
Current Contract Days:	2,459
Work Days Spent (thru 02/29/2020):	1,680

Expended to Date

Description	Percentage
Time:	68.3%
Dollars:	57.4%

Growth Percentage

Description	Percentage
Time:	65.5%
Dollars:	23.4%

Note:

1. Includes estimated February 2020 invoice amount of \$23,000,000.

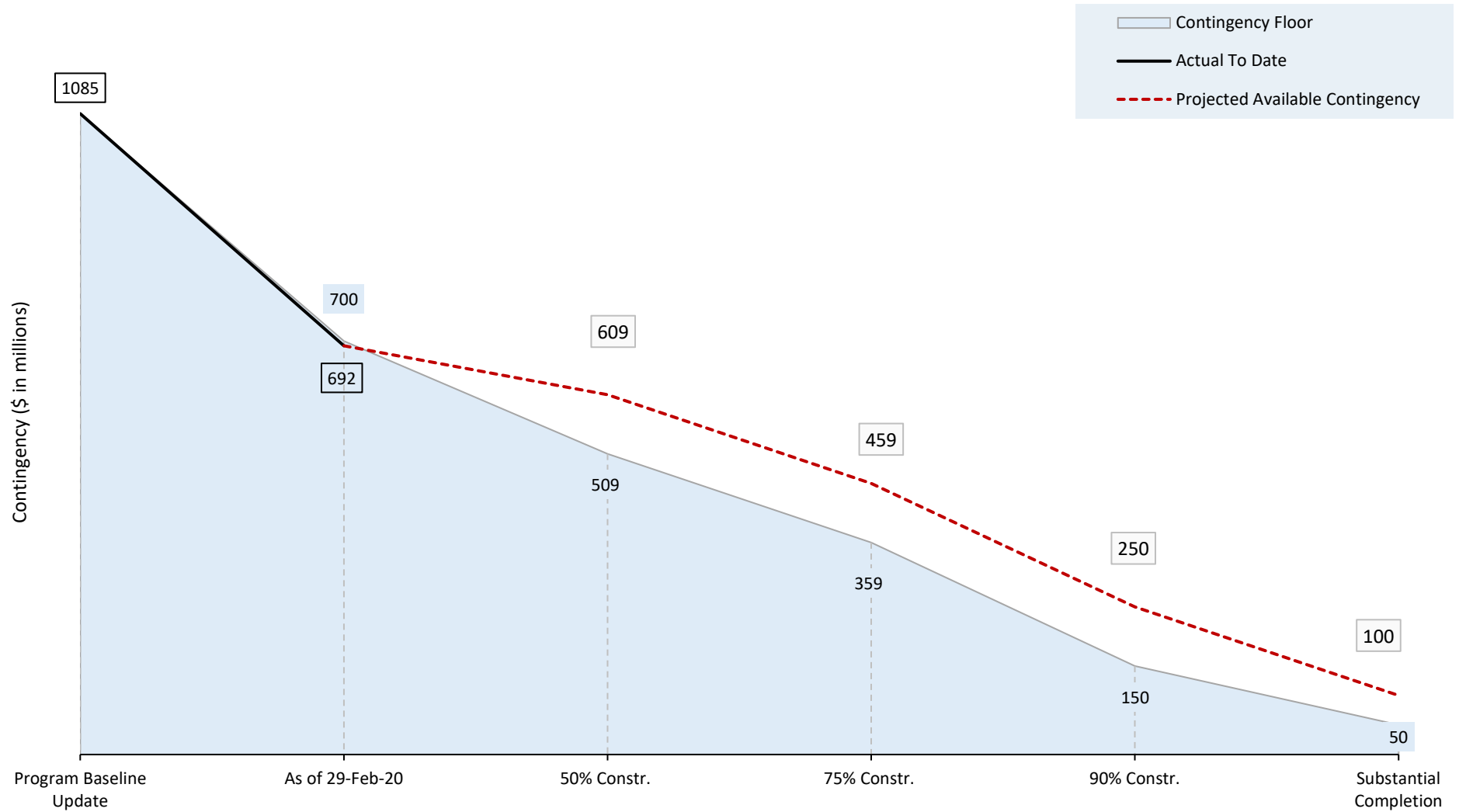
CP 2-3 – Executed Change Order Status

CP 2-3 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
120	New Caltrans Req ITS Barrier Traffic	Executed	\$35,310.00	12-Feb-20
119	Wristen Ditch - Design	Executed	\$105,037.00	12-Feb-20
10.1	TCO Ave 24 Redesign - GW Above Elevation	Executed	\$306,448.00	12-Feb-20
Total			\$446,795.00	

CP 2-3 – Risk - Contingency Report

CP 2-3 – Risk - Contingency Report

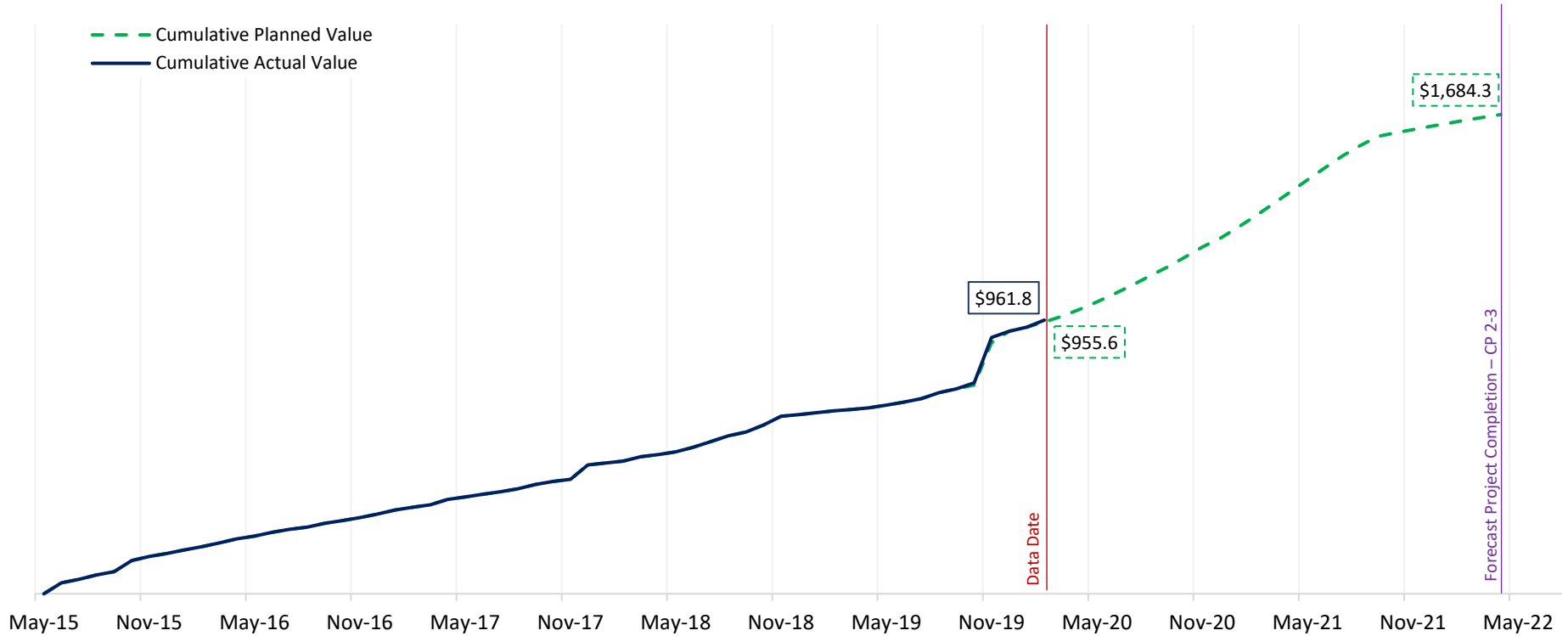


Notes:

1. The Program Baseline Update was presented to and accepted by the Board in May 2019. The adoption of the Program Baseline Update resulted in changes to contingency amounts. The contingency drawdown curve has been revised to reflect updated contingency amount for the entire CP 2-3 Project.
2. Contract through February 29, 2020.

CP 2-3 – Earned Value

CP 2-3 – Planned vs. Actual Expenditures from Contract Award through Contract Completion (\$ Millions)



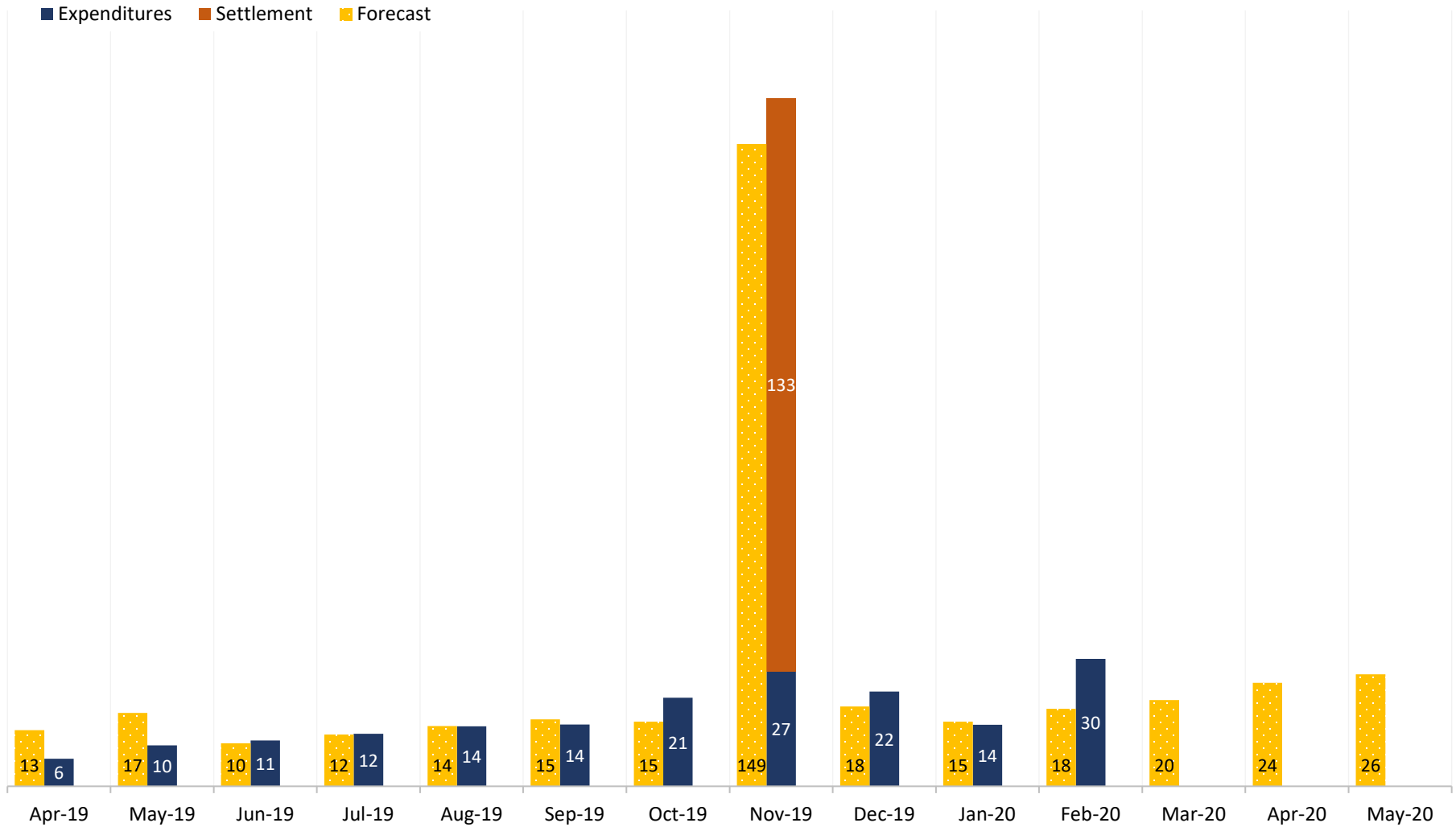
CP 2-3 – Projected Milestones

Milestone	Date	Milestone	Date
Main Design Complete	May-20	Environmental Clearance Complete	May-20
ROW Acquisition Complete	Jan-21	Utility Relocation Complete	Mar-21

- Notes:**
1. The Planned Value and Contract Substantial Completion Date is based on the CP 2-3 Proposed Schedule as of January 2020. This is expected to be refined as future change orders are issued and a Revised Baseline Schedule (RBS) is finalized.
 2. The sudden increase in the cumulative value is due to the Time Impact Analysis (TIA) settlement.
 3. The Current Contract Value does not include unexecuted change orders including Project 517, the latest TIA settlement, and IPB change orders.
 4. Environmental Clearance pushed to May 2020 in order to finalize the map book amendment regarding the locations of dedicated wildlife crossings.

CP 2-3 – Design-Build Planned vs. Actual Expenditures – Near Term

CP 2-3 – Fiscal Year Expenditures (\$ Millions)

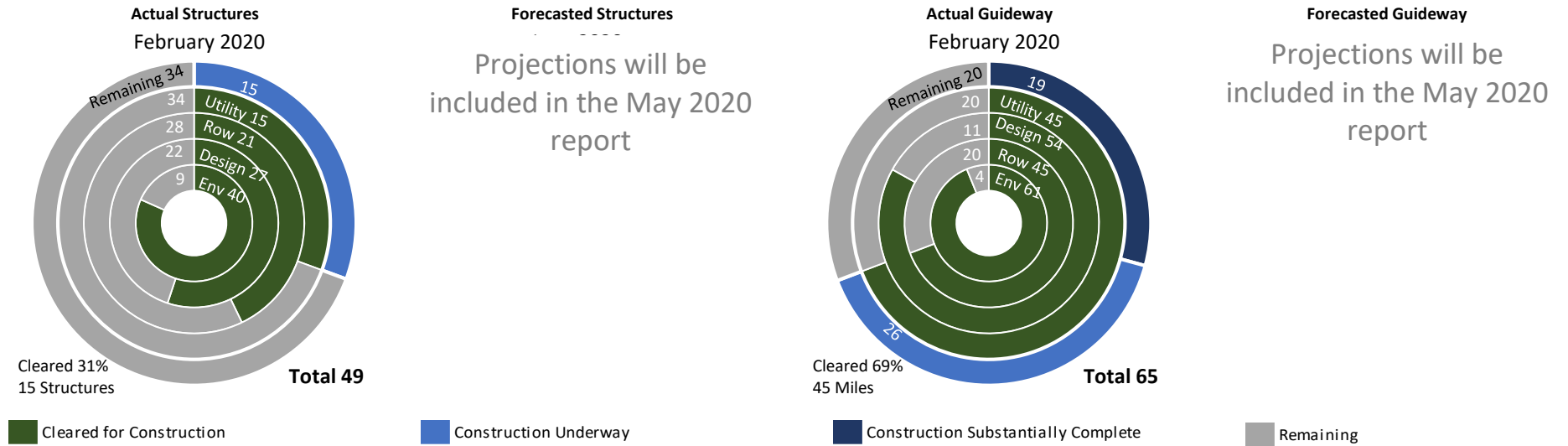


Notes:

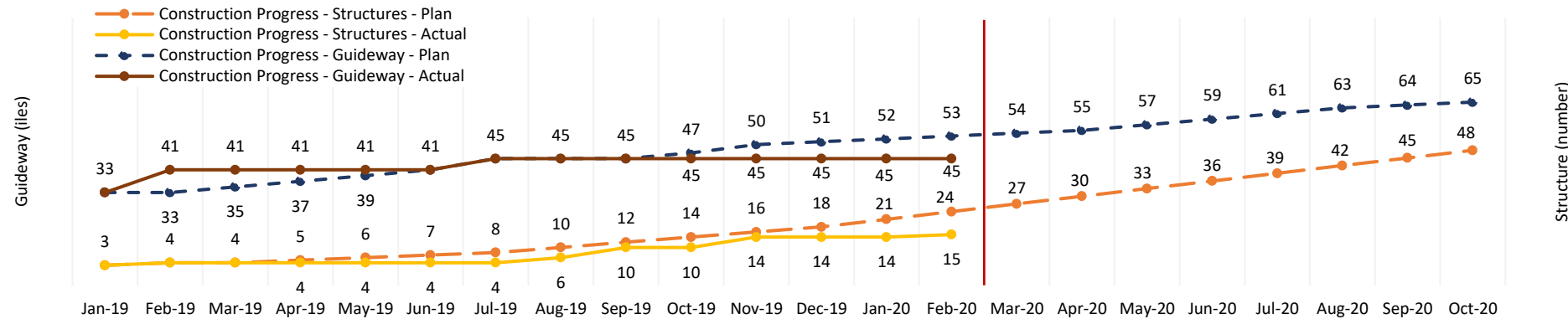
1. Expenditures in the chart above are specific to the Design-Builder production and based on the certified invoices.
2. The sudden increase in the expenditure value in November 2019 is due to the Time Impact Analysis settlement.

CP 2-3 – Construction Progress

CP 2-3 – Construction Progress



CP 2-3 – Construction Progress to Completion – Forecast vs. Actual



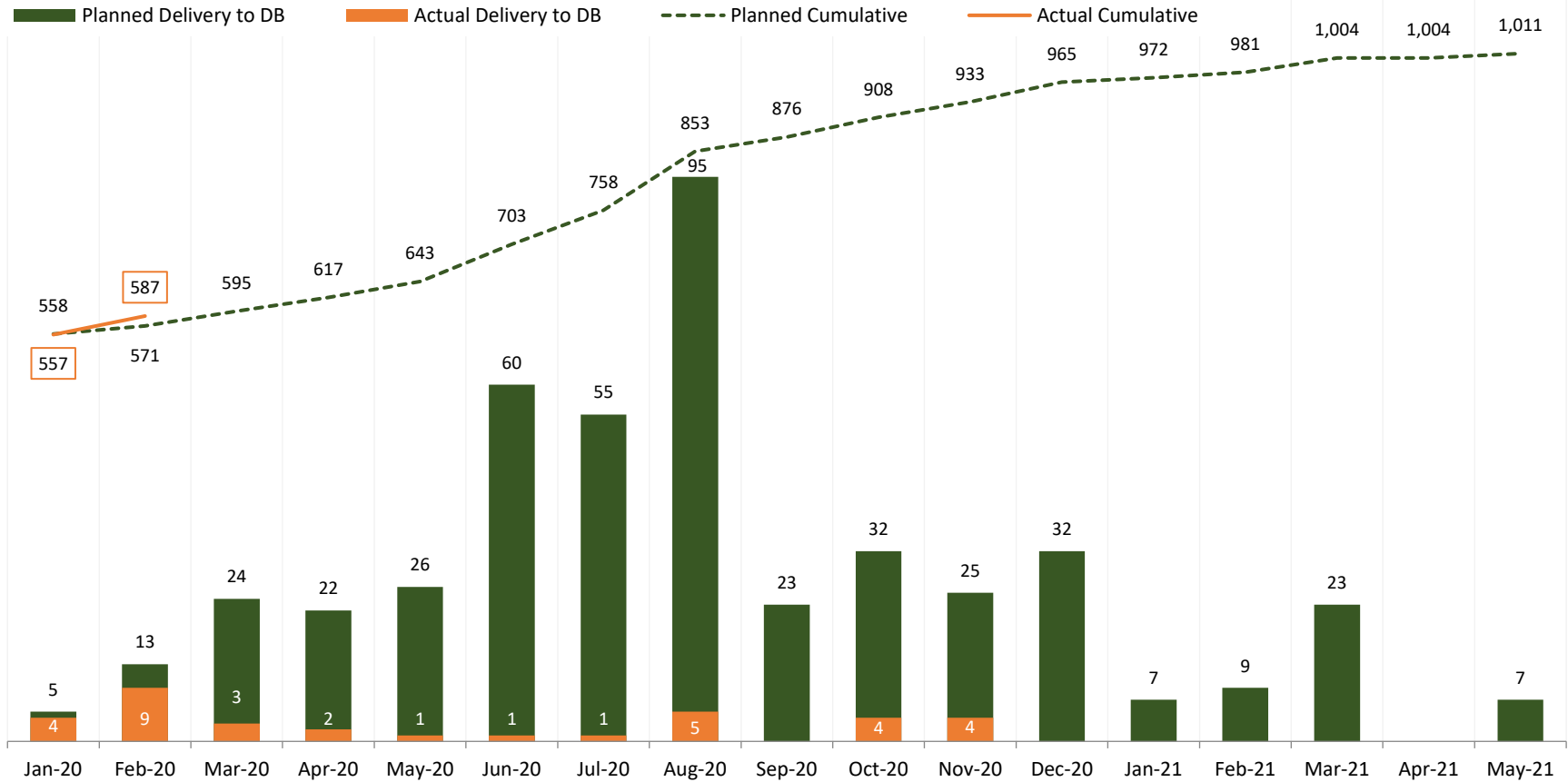
Notes:

1. Total Structures: 49 each. This count has been reduced from 50 due to combining the structures resulting from Project 517.
2. Total Guideway: 65 miles.
3. This forecast is based on the get to work plans developed in January 2019.
4. A revised projection will be updated upon the finalization of the Revised Baseline Schedule (RBS).

CP 2-3 – ROW Summary

Construction Package	Total Needed Parcels March 9, 2020	Total Parcels Delivered to Date March 9, 2020	Remaining Parcels to be Delivered March 9, 2020
CP 2-3	1,011	587	424

CP 2-3 – Parcel Delivery to DB Summary



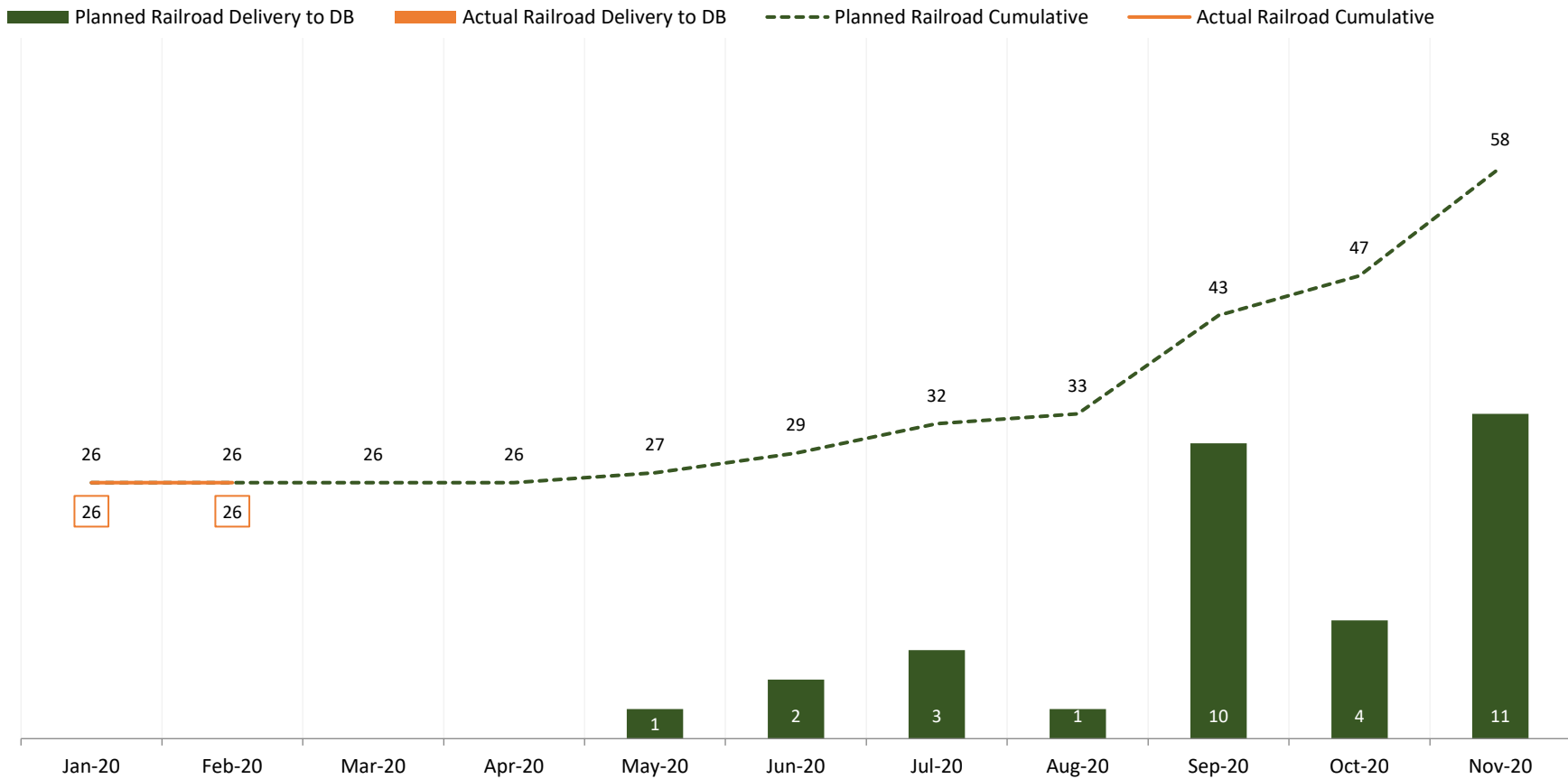
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 reflects delivered parcels that are forecasted in future months.

CP 2-3 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels March 9, 2020	Total Railroad Parcels Delivered to Date March 9, 2020	Remaining Railroad Parcels to be Delivered March 9, 2020
CP 2-3	58	26	32

CP 2-3 – Railroad Parcel Delivery to DB Summary



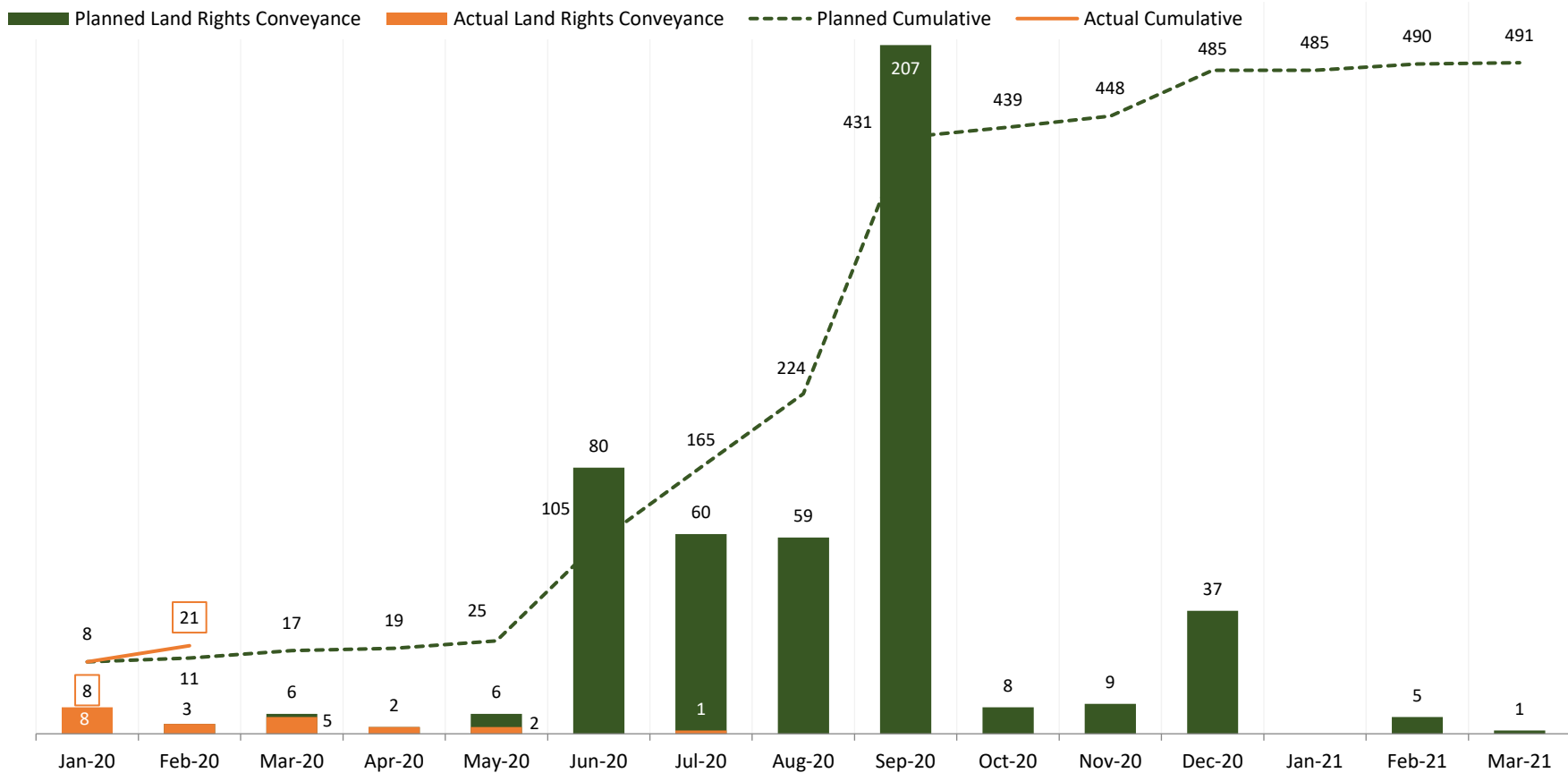
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).

CP 2-3 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary

Construction Package	Total Needed Land Rights Conveyances March 9, 2020	Total Land Rights Conveyances Recorded March 9, 2020	Remaining Land Rights Conveyances to be Recorded March 9, 2020
CP 2-3	491	21	470

CP 2-3 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary



Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 includes completed land rights conveyances that are forecasted in future months.

CONSTRUCTION PACKAGE 4 (CP 4) OVERVIEW

CP 4 – Design-Build Contract Summary

Milestones

Milestone	Date
RFQ Date:	11/20/2014
SOQ Date:	01/30/2015
RFP Date:	05/27/2015
Proposal:	11/25/2015
Bid Open Date:	01/05/2016
Award Date:	02/29/2016
LNTP Date:	03/01/2016
NTP Date:	04/15/2016
Original Completion Date:	06/03/2019
Current Completion Date:	06/30/2021

Contract Value

Description	Amount
Fixed Bid Price:	\$337,247,000.00
Provisional Sums:	\$107,000,000.00
Original Contract Price:	\$444,247,000.00
Executed Change Orders:	\$95,051,933.72
Current Contract Amount:	\$539,298,933.72
Approved Invoices to Date ¹ :	\$277,272,818.00
Remaining Contract Balance:	\$262,026,115.72

Contract Time Status

Description	Duration ²
Original Contract Days:	1,144
Extension of Time Awarded:	757
Current Contract Days:	1,901
Work Days Spent (thru 02/29/2020):	1,414

Expended to Date

Description	Percentage
Time:	74.4%
Dollars:	51.4%

Growth Percentage

Description	Percentage
Time:	66.2%
Dollars:	21.4%

Notes:

1. Calendar Days.
2. Included actuals through February 2020 and Estimate for March 2020.

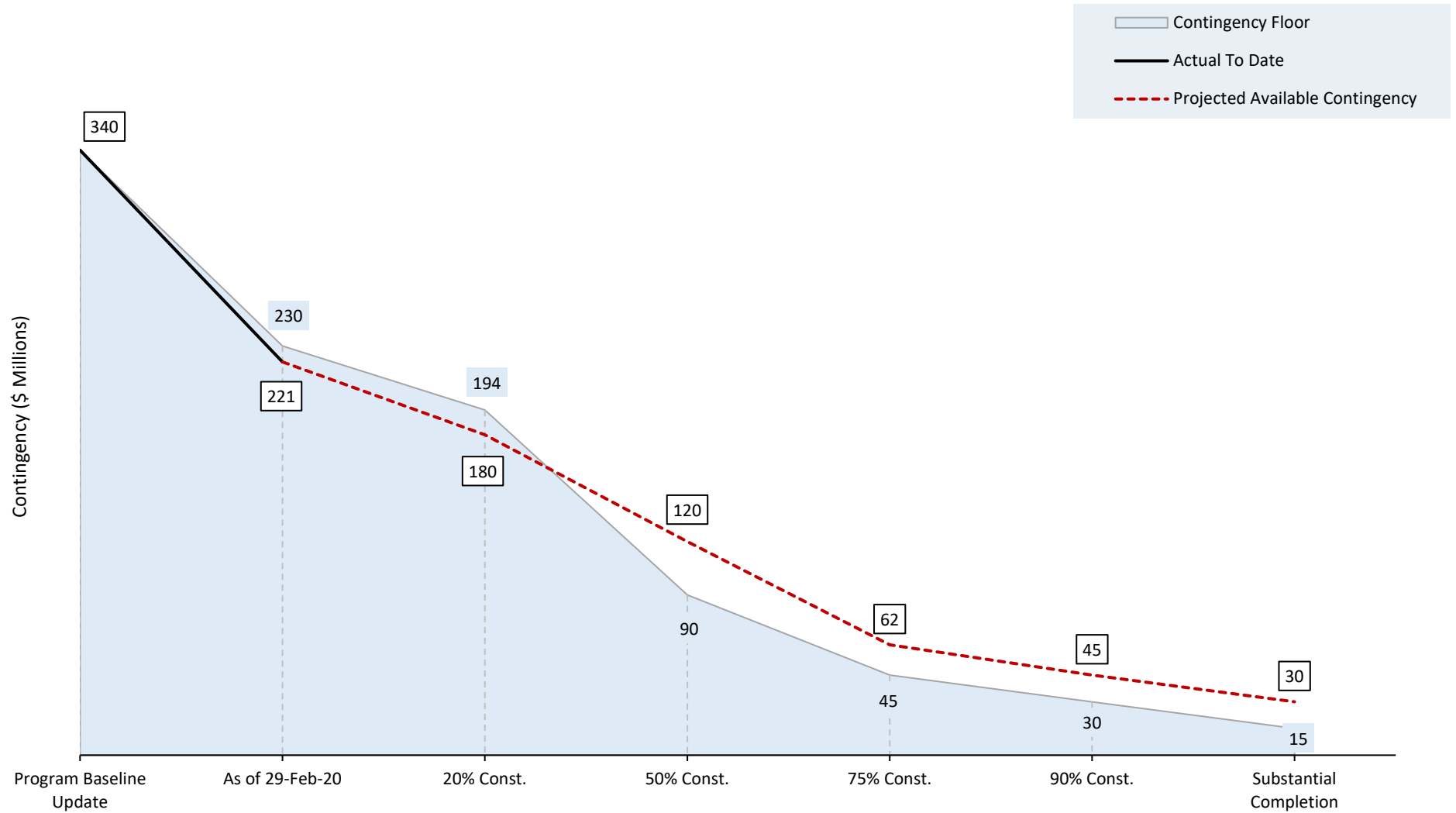
CP 4 – Executed Change Order Status

CP 4 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
11R1	Wasco Authority Internet Upgrade	Executed	\$41,275.08	8-Feb-20
52	Merced CIDH Piling Resequencing	Executed	\$121,364.75	18-Feb-20
51	Claim Settlement for DL-00058 Dedicated Wildlife Crossing	Executed	\$11,938,500.00	27-Feb-20
Total:			\$12,101,139.83	

CP 4 – Risk - Contingency Report

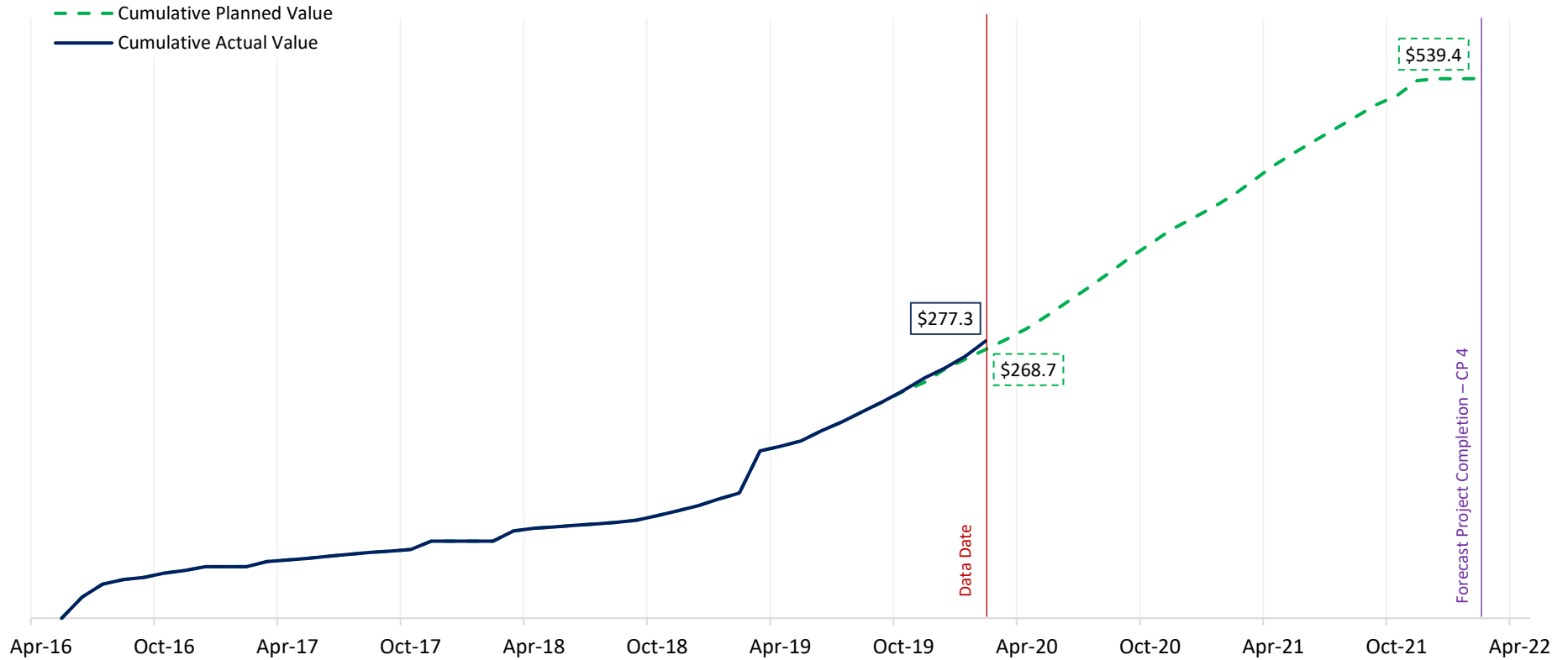
CP 4 – Risk - Contingency Report



- Notes:**
1. The Program Baseline Update was presented to and accepted by the Board in May 2019. The adoption of the Program Baseline Update resulted in changes to contingency amounts. The contingency drawdown curve has been revised to reflect updated contingency amount for the entire CP 4 Project.
 2. Contract through February 29, 2020.

CP 4 – Earned Value

CP 4 – Planned vs. Actual Expenditures from Contract Award Through Contract Completion (\$ Millions)



CP 4 – Projected Milestones

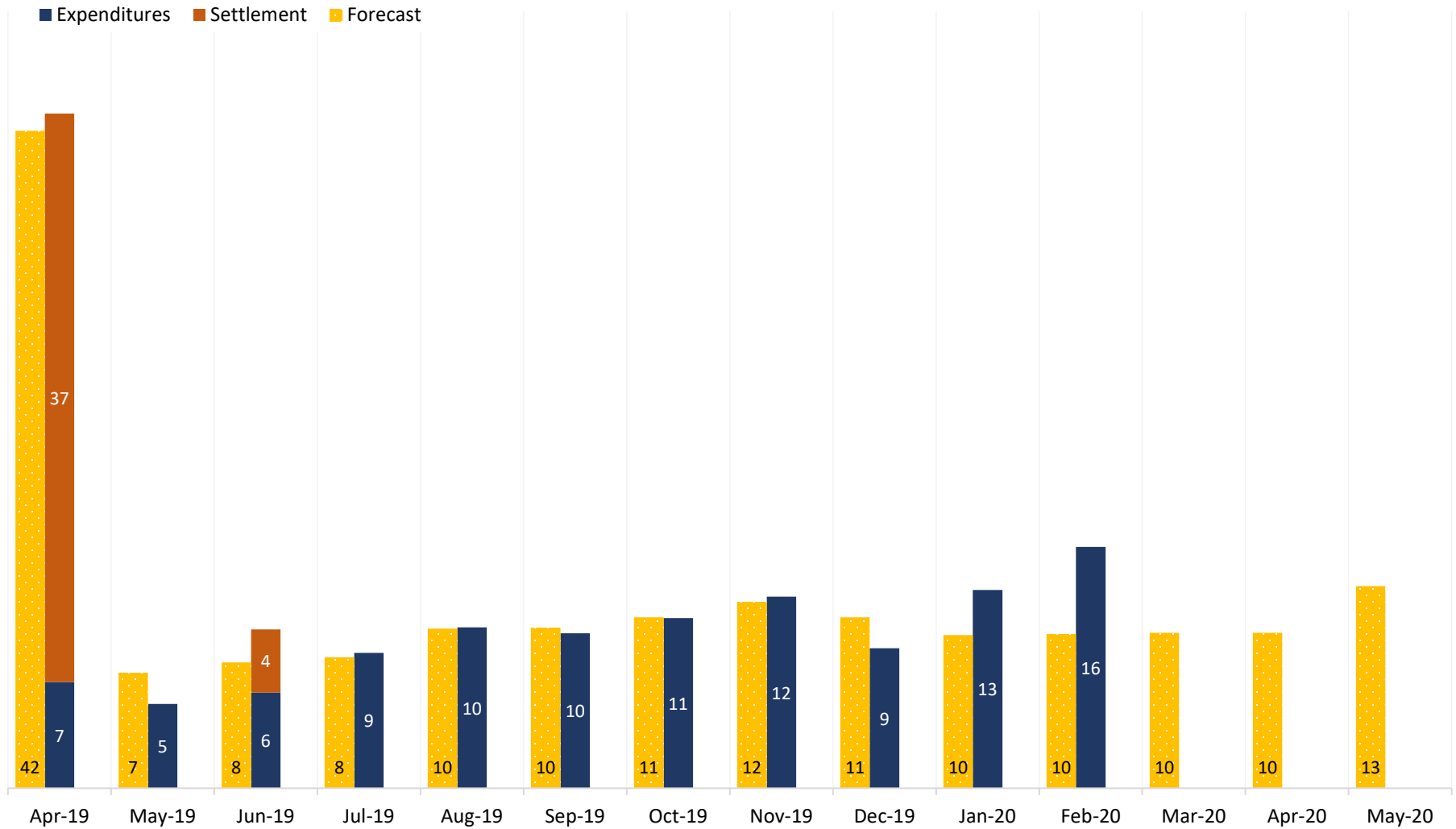
Milestone	Date
Main Design Complete	Feb-20 (Complete)
ROW Acquisition Complete	Dec-20

Milestone	Date
Environmental Clearance Complete	Mar-20
Utility Relocation Complete	Mar-21

- Notes:**
- The Planned Value and Contract Substantial Completion Date is based on the CP 4 Proposed Schedule as of February 2020. The Revised Baseline Schedule (RBS) has been conditionally accepted and finalized as of March 2020.
 - The above contract value does not include unexecuted change orders including SR-46 BNSF structure and IPB.

CP 4 – Design-Build Planned vs. Actual Expenditures – Near Term

CP 4 – Fiscal Year Expenditures (\$ Millions)

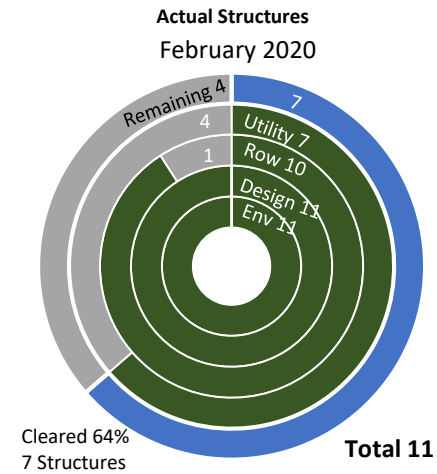


Notes:

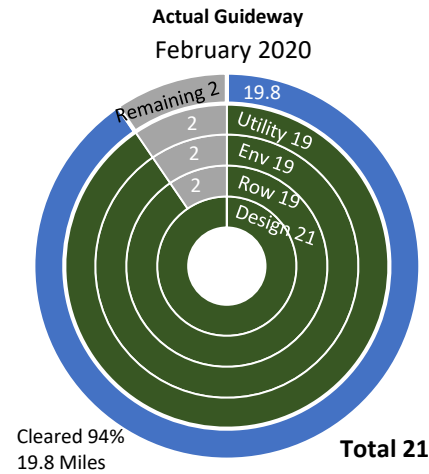
1. Expenditures in the chart above are specific to the Design-Builder production and based on the certified invoice and do not include accrual adjustments.
2. The sudden increase in the expenditure value in April 2019 is due to Time Impact Analysis settlement.

CP 4 – Construction Progress

CP 4 – Construction Progress



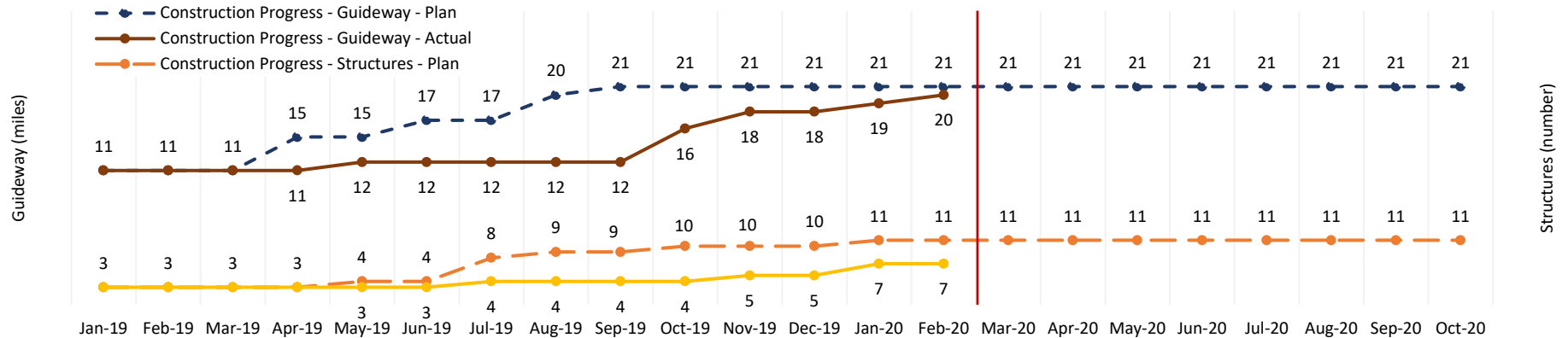
Forecasted Structures
Projections will be included in the May 2020 report



Forecasted Guideway
Projections will be included in the May 2020 report



CP 4 – Construction Progress to Completion – Forecast vs. Actual



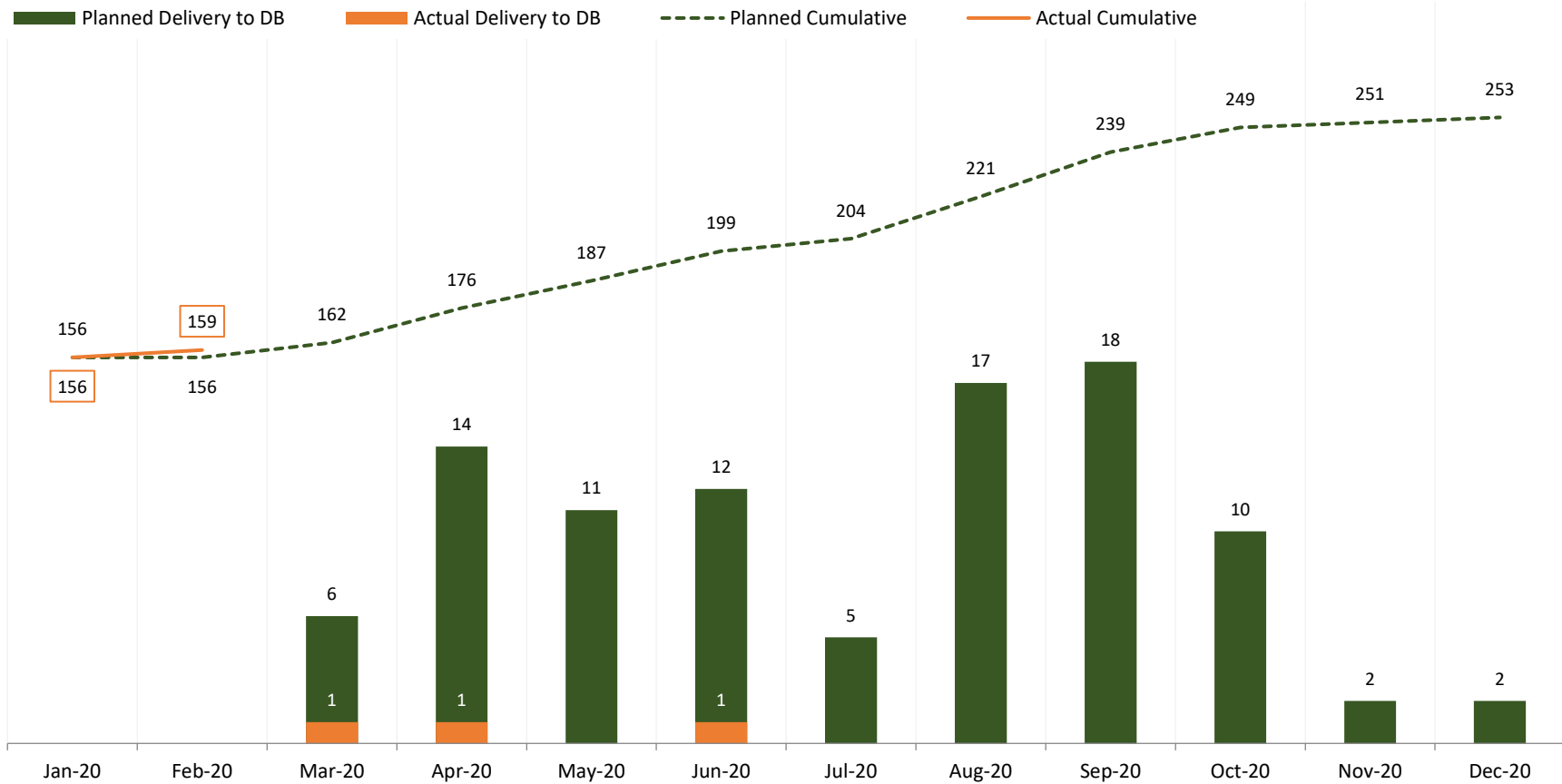
Notes:

1. Total Structures: 11 structures.
2. Total Guideway: 21 miles.
3. A revised projection will be updated upon the finalization of the Revised Baseline Schedule (RBS).
4. Actual Guideway progress for February 2020 was 19.8 miles. The graph reflects 20 miles due to the rounding up within the mathematical formula.

CP 4 – ROW Summary

Construction Package	Total Needed Parcels March 9, 2020	Total Parcels Delivered to Date March 9, 2020	Remaining Parcels to be Delivered March 9, 2020
CP 4	253	159	94

CP 4 – Parcel Delivery to DB Summary



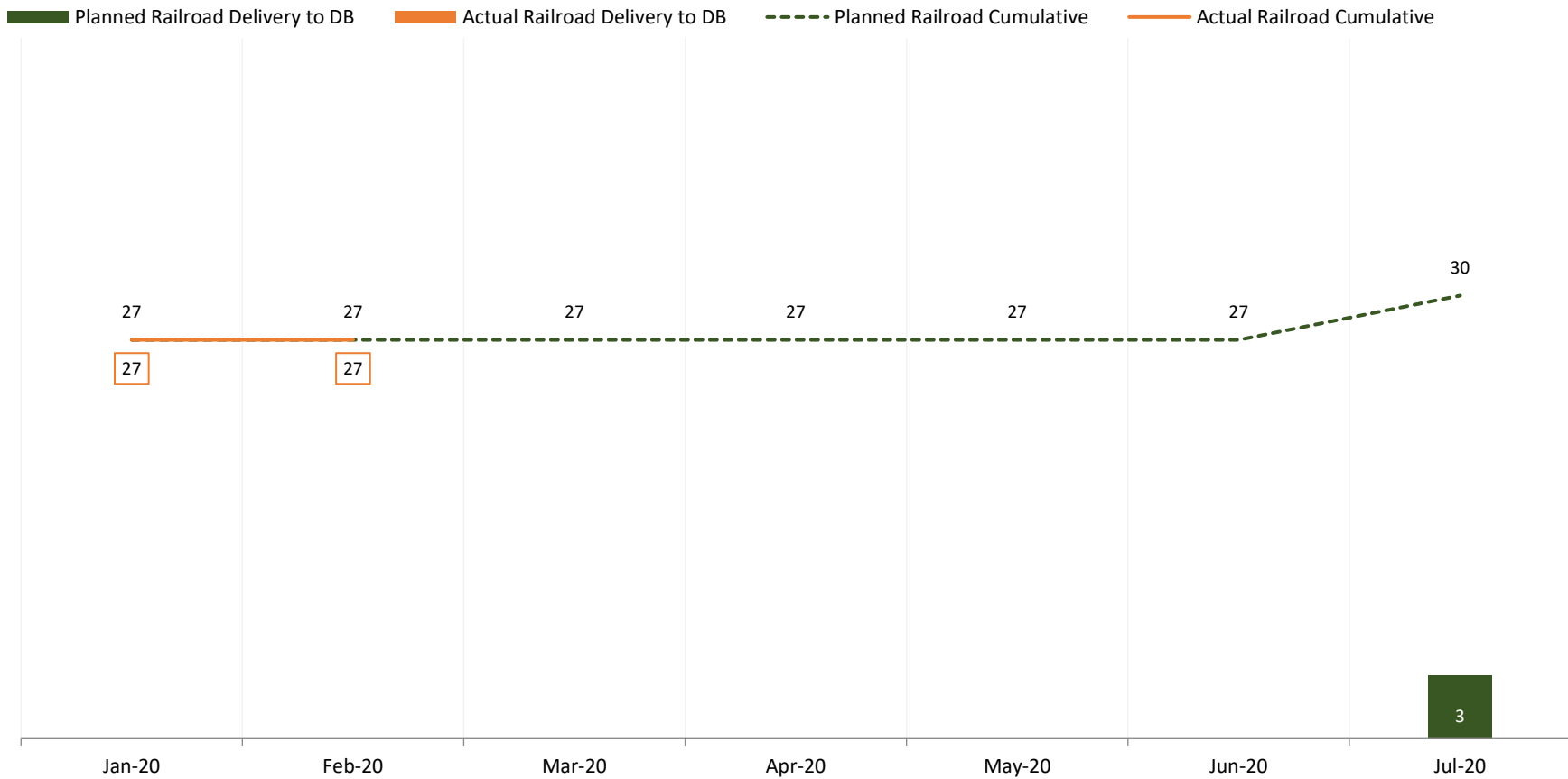
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 reflects delivered parcels that are forecasted in future months.

CP 4 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels March 9, 2020	Total Railroad Parcels Delivered to Date March 9, 2020	Remaining Railroad Parcels to be Delivered March 9, 2020
CP 4	30	27	3

CP 4 – Railroad Parcel Delivery to DB Summary



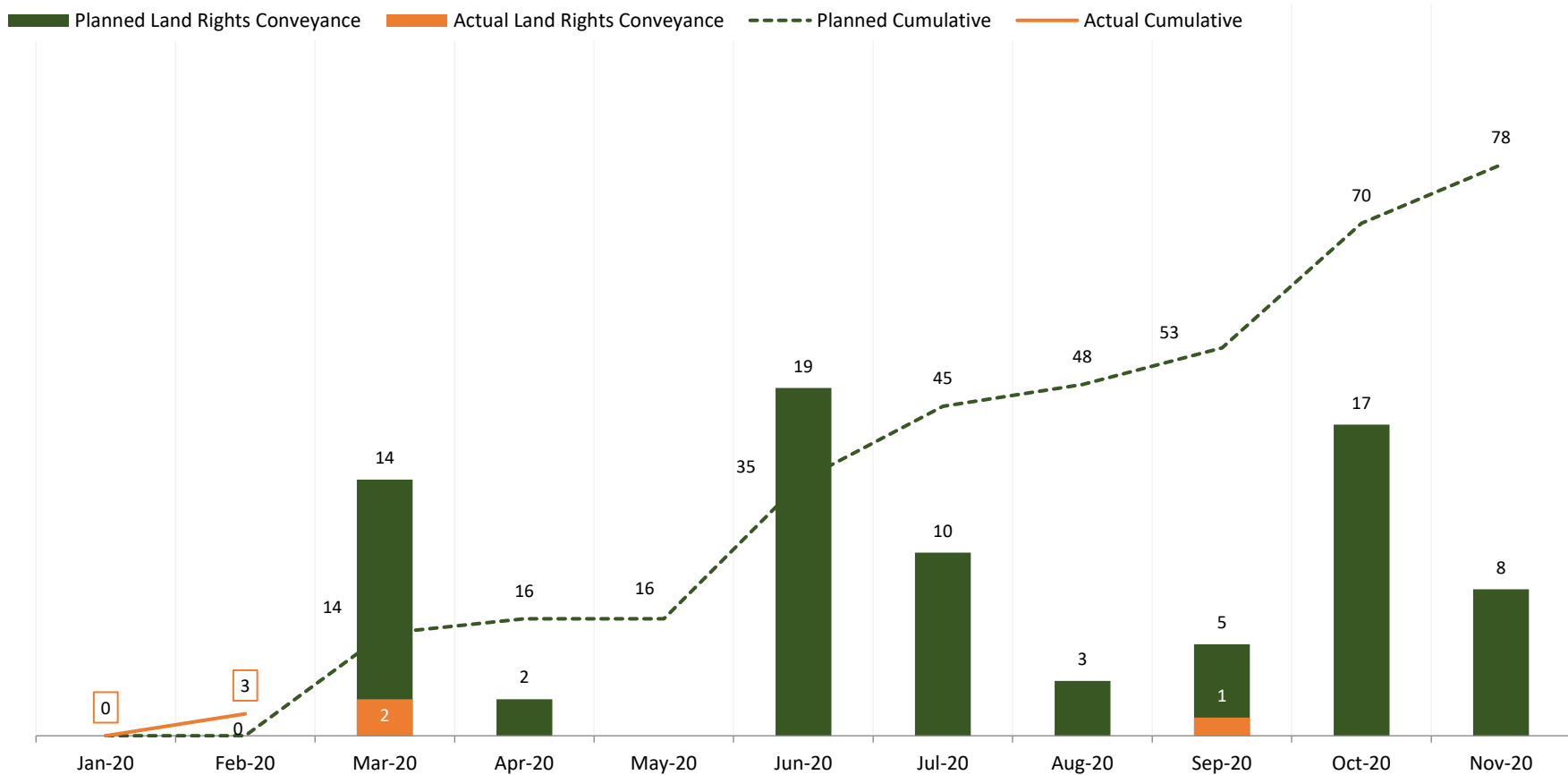
Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).

CP 4 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary

Construction Package	Total Needed Land Rights Conveyances March 9, 2020	Total Land Rights Conveyances Recorded March 9, 2020	Remaining Land Rights Conveyances to be Recorded March 9, 2020
CP 4	78	3	75

CP 4 – Tier 1 Land Rights Conveyances Required Prior to Construction (PG&E, SCE, FID, FMFCD) Summary

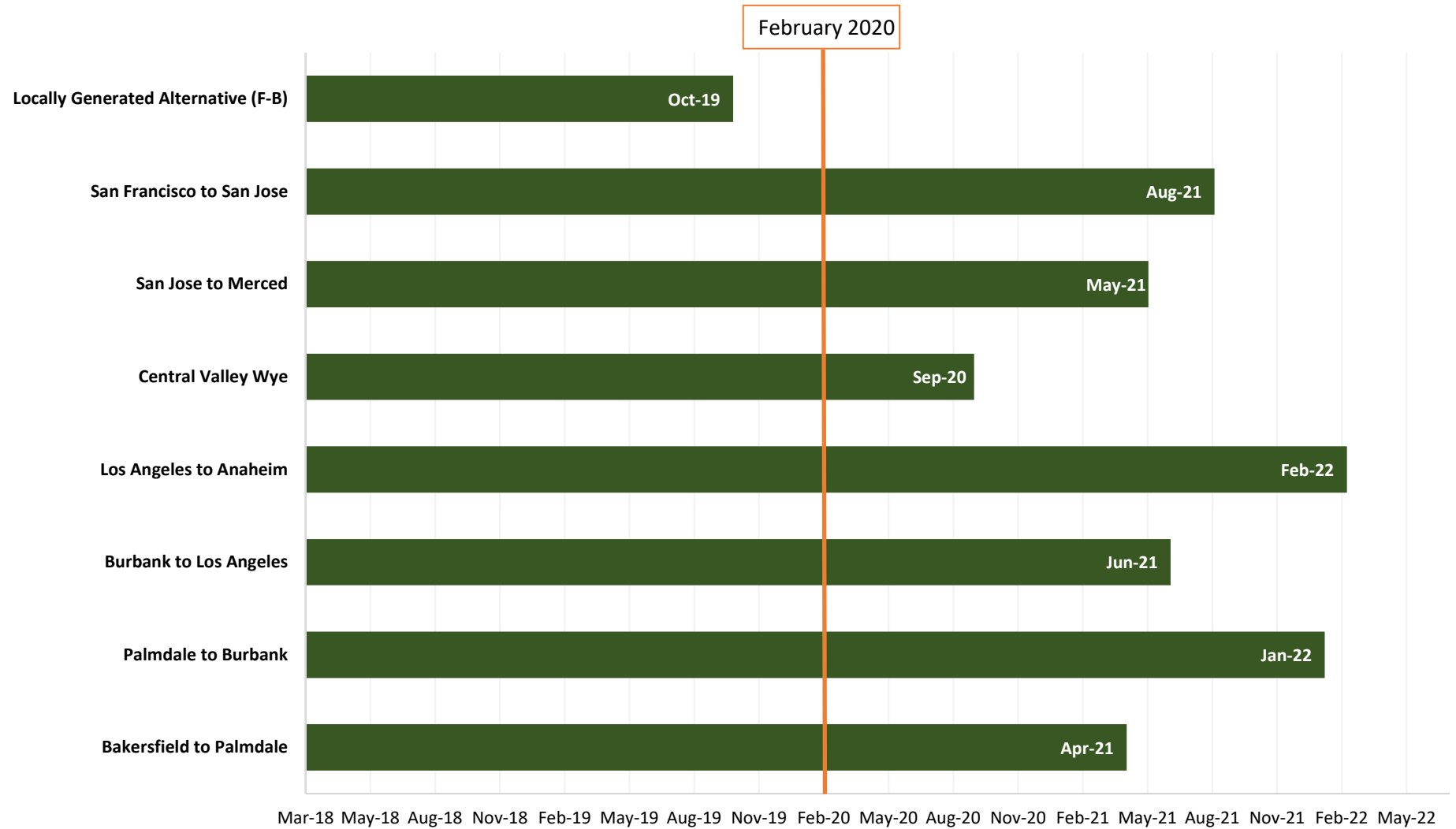


Notes:

1. A revised projection will be updated with the finalization of the Revised Baseline Schedules (RBS).
2. Actual Cumulative for February 2020 includes completed land rights conveyances that are forecasted in future months.

Project Development Schedule – Record of Decision (ROD)

Phase 1 Environmental Approval Schedule



Project Development Schedule (to ROD)

Program Priority	Segment	Progress	Complete Purpose & Need Statement		Complete Alternatives Analysis		Board Concurrence of Preliminary Preferred Alt. Draft EIR/EIS		Publish Draft EIR/EIS		Publish Final EIS & Obtain ROD		Date EIR/EIS To Be Completed	
			Number	Section	Due Dates	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	Last Month
Document Complete	Merced to Fresno	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	Fresno to Bakersfield	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	CV Electrical Interconnections	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	Locally Generated Alternative (F-B)	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
1	San Francisco to San Jose	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Apr-20 Jun-20 50%	Apr-20 Jun-20 63%	Jun-21 Aug-21 0%	Jun-21 Aug-21 ¹ 0%	Aug-21	Aug-21
2	San Jose to Merced	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Mar-20 Apr-20 55%	Mar-20 Apr-20 75%	Apr-21 May-21 ² 0%	Apr-21 May-21 ² 0%	Apr-21 May-21 ² 0%	May-21
3	Central Valley Wye (M-F)	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Sep-20 Sep-20 60%	Sep-20 Sep-20 60%	Sep-20 Sep-20 65%	Sep-20
4	Los Angeles to Anaheim	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Nov-20 Jan-21 68%	Nov-20 Jan-21 68%	Dec-21 Feb-22 ³ 0%	Dec-21 Feb-22 ³ 0%	Feb-22	Feb-22
5	Burbank to Los Angeles	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Feb-20 May-20 85%	Feb-20 May-20 85%	Jan-21 Jun-21 ⁴ 0%	Jan-21 Jun-21 ⁴ 0%	Jun-21	Jun-21
6	Palmdale to Burbank	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Feb-20 Feb-20 66%	Feb-20 Feb-20 66%	Aug-21 Jan-22 ⁵ 0%	Aug-21 Jan-22 ⁵ 0%	Aug-21 Jan-22 ⁵ 0%	Jan-22
7	Bakersfield to Palmdale	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Jan-20 Jan-20 87%	Jan-20 Jan-20 87%	Feb-21 Apr-21 ⁶ 0%	Feb-21 Apr-21 ⁶ 0%	Feb-21 Apr-21 ⁶ 0%	Apr-21
8	HMF	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Apr-16 TBD 0%	Apr-16 TBD 0%	Sep-16 TBD 0%	Sep-16 TBD 0%	Feb-21 TBD 0%	Feb-21 TBD 0%	TBD	TBD

- Notes:**
- Two-month delay due to late submittal of cooperating agency comments, remediation time to meet Web Content Accessibility Guidelines (WCAG) to address internal reviews and resource constraints.
 - One-month delay due to late submittal of cooperating agency comments, remediation time to meet Web Content Accessibility Guidelines (WCAG) to address internal reviews and resource constraints.
 - Two-month delay due to delay in receipt of BNSF environmental deliverables.
 - Five-month delay due to late submittal of cooperating agency comments, remediation time to meet Web Content Accessibility Guidelines (WCAG) to address internal reviews and resource constraints.
 - Five-month delay in project delivery because of additional consultation with USACE and EPA for an avoidance alternative at Una Lake.
 - Two-month delay due to design revision to accommodate CCNM.

Project Development – Key Actions

In February 2020, the Authority conducted Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) document reviews for several project sections. This included evaluating comments by the cooperating and participating agencies of San Francisco to San Jose Project Section Administrative Draft EIR/EIS document and preparation of the initial San Jose to Merced Draft EIR/EIS in response to comments from those agencies. The National Environmental Policy Act (NEPA) Assignment Team also conducted its review responsibilities for the Bakersfield to Palmdale Administrative Draft EIR/EIS and completed a review for the Burbank to Los Angeles Administrative Draft EIR/EIS. For permitting, work continued to obtain environmental approvals (e.g., a Biological Opinion from the U.S. Fish and Wildlife Service) and Fresno to Bakersfield - Locally Generated Alternative, and Central Valley Wye permits needed for project construction.

Project Development – Key Actions Summary

Project Section	Key Actions
San Francisco to San Jose	<ul style="list-style-type: none"> • Incorporating responses to cooperating and responsible agency comments received in late January into the Draft EIR/EIS. • Continued coordination with Bay Conservation & Development Commission (BCDC), Universal Paragon Corporation and the City of Millbrae.
San Jose to Merced	<ul style="list-style-type: none"> • Program Environmental and Legal Services, NEPA Assignment and regional project staff completed reviews of the initial Draft EIR/EIS developed in response to cooperating, responsible and regulatory agency comments on the Administrative Draft EIR/EIS reviews. • Conducted first CEO/COO briefing on the Draft EIR/EIS. • Conducted meetings with stakeholders throughout project corridor on the Environmental Justice analysis process and potential enhancements.
Central Valley Wye	<ul style="list-style-type: none"> • Preparing the Administrative Final Supplemental EIR/EIS for Legal review starting March 11. • Preparing a limited, focused re-circulation to address the recent listing of the Crotch bumble bee as a candidate species under the California Endangered Species Act to start March 13. CEO signed cover page February 24. • Requested additional information from Chowchilla Elementary School District on assessment of school bus routes and preparing a draft agreement with Madera County regarding the Fairmead community center.
Locally Generated Alternative	<ul style="list-style-type: none"> • The Combined Supplemental Record of Decision and Final Supplemental Environmental Impact Statement was released to the public and noticed in the Federal Register on November 8, 2019. • Prepared the Section 404 and Section 401 Clean Water Act permits and Section 1602 permit for project construction for Authority review and approval.
Bakersfield to Palmdale	<ul style="list-style-type: none"> • Completed Legal and NEPA Assignment Team changes and conducted final “page-turn” review on February 4 and February 5. • Completed Legal and NEPA Assignment Team changes and conducted final “page-turn” review on February 4 and February 5. • Conducted CEO briefing of DEIR/EIS on February 7. • Completed document production and Website Compatibility Remediation in preparation for publication. • Conducted stakeholder coordination meetings prior to circulation of the Draft EIR/EIS. • Published and began 45-day public review and comment period February 28.
Palmdale to Burbank	<ul style="list-style-type: none"> • Finalizing a design option that will enable avoidance of Una Lake. • Completed the Record Set Preliminary Engineering for Project Definition (PEPD) documents and submitted them to the FRA for review and comment. • Completed touch-point review with the Environmental and NEPA Assignment teams regarding continuing with Cooperating Agency review. Reached a decision to postpone the review until the Authority resolves Checkpoint B agreement on range of alternatives with the United States Army Corps of Engineers (USACE) and Environmental Protection Agency (EPA).
Burbank to Los Angeles	<ul style="list-style-type: none"> • Continued to consult with municipalities and agencies within the project section by providing preliminary engineering plans for their review. Made refinements to the construction phasing plans based on this review. • Cooperating Agency review of the EIR/EIS was completed in December 2019. Incorporating comments into the Draft EIR/EIS.
Los Angeles to Anaheim	<ul style="list-style-type: none"> • Continued coordination with BNSF on project elements and analysis methods to be included in the Draft EIR/EIS. • Continued coordination on shared-corridor strategies with Metro, Metrolink and other stakeholder agencies.