



Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

December 2020 Report (data through October 2020)

Executive Summary

Overall - Report projections will be updated with Revised Baseline Schedules (RBS) and 2020 Business Plan finalization.

Cumulative Invoicing to Fulfill American Recovery and Reinvestment Act (ARRA) Grant ([Page 11](#)):

- Total CP Cumulative Actual Invoice – \$2,995.5M compared to Total CP Cumulative Forecasted Invoice – \$2,969.7M.
- Total Estimated Cumulative Contract Value to Fulfill ARRA – \$5,675.1M.

Construction Packages (CPs) Invoicing ([Pages 10 through 12](#)):

- The October Total Invoice is \$62.4M. An adjustment of \$20.6M to CP 2-3 September Accruals resulted in a Total Adjusted October Invoice amount of \$41.9M, as reported in the Capital Outlay Report, compared to the Forecasted Invoice of \$82M. The primary drivers of the lower expenditures are: CP 1 – delays in downtown utility relocations works; CP 4 – delays in utility relocation works and pending Change Order for Intrusion Protection Barrier completed work.
- Planned November Total Invoice – \$80.7M. Anticipated November Total Invoice – \$61.2M (CP 1 = \$14.9M, CP 2-3 = \$34.5M, and CP 4 = \$11.8M).
- Total CP Cumulative Actual Invoice – \$2,995.5M compared to Total CP Cumulative Forecasted Invoice – \$2,969.7M. Total Cumulative Current Contract Amount – \$4,939.6M. Expensed to date 60.6%.
- Total Executed Change Orders – \$29.3M.

CP Construction Labor ([Page 13](#)):

- Total Monthly Average – 1,129 daily-workers. An increase of 111 (1,018) daily workers from the previous month. Third month in a row with daily workers above 1,000. In November the number of daily workers achieved a new milestone going above 1,200.
- Daily Average Contracted CP Employees Quarantined for COVID-19 – 3.
- Contractors continued with construction while following safety protocols and guidelines from the Centers for Disease Control and Prevention (CDC) and Occupational Safety and Health Administration (OSHA).

CP Construction/Underway ([Page 14](#)):

- Guideway – 79 miles constructed/underway compared to 119 miles total. One-mile increase from the previous. One mile ahead of plan.
- Structures – 50 constructed/underway compared to 93 structures total. An increase of three structures from the previous month. CP 1 is two structures behind plan; CP 2-3 is three structures behind plan; CP 4 is on plan.
- CP 1: Avenue 15 ½ was delayed due to delays in PG&E utility relocations (2 of 3 completed). Belmont Avenue resequencing discussions underway.
- CP 2-3: Deer Creek Viaduct and Avenue 136 were delayed by ROW. Avenue 24 is scheduled to start in December.
- Utility Relocation Status:
 - Relocated: 476 (23%); In Progress: 512 (25%); Scheduled: 103 (5%); 53% of the total (2,069) are complete/underway/scheduled. 266 of 476 (56%) were relocated in the past 12 months. 64 were relocated and an additional 38 commenced in October.

Small Business (SB) Enterprise ([Page 15](#)):

- Due to processing and confirmation of Contractor submitted data, Small Business (SB) Enterprise Values are as of September 2020.
- Small Business Enterprise Awarded Contracts: 428 at a total contract value of \$953.8M. No new contracts from previous report.
- Small Business Goal (30%) at CP contract completion: \$1.5B.
- \$453.7M total Small Business expenditures, 17.7% of the total CPs expenditures. SB Goal as of report (30% of CP expenditures): \$768.9M.
- September 2020 SB expenditures: \$453.7M, up by \$11.3M from previous report.

CP Real Property/Right-of-Way ([Pages 16 through 19](#)):

- Parcels Delivered to Design-Builder (DB) – 20 parcels and 14 delinquent parcels (two in September and 12 in October).
 - Two missed parcels in September. One in CP 1 at Carnegie and one in CP 4 at McCombs were delivered to the DB in early November.
 - In CP 1, one missed parcel in October at Carnegie was delivered to the DB in November and one CP 1 parcel at Barstow projected to be delivered in early December.
 - In CP 2-3, three parcels missed in October, two at Nebraska and one at Tule River. The DB is performing out of sequence work to mitigate the construction schedule.
 - In CP 4, seven parcels missed in October at Garces Highway, agreements are executed on seven parcels to perform Environmental work while actively working to conclude acquisition negotiations.
- Total Acquired Parcels (some pending delivery) – Six parcels.
- Total Parcels Delivered to Date – 1,701 parcels compared to an Estimated Total Parcels Needed – 2,295 parcels.
- As of this month, total remaining parcels to be delivered has dropped below 600.
- For Construction Package 1-4: Seven parcels added and 20 removed due to design optimization, net decrease of 13 parcels.
- Railroad Parcels Delivered to Design-Builder – Zero parcels. Zero delinquent parcels.
- Total Railroad Parcels Delivered to Date – 112 parcels compared to an Estimated Total Railroad Parcels Needed – 182 parcels.
- Land Right Conveyances (Tier I, Prior to Construction) Received Approval – Six Land Right Conveyances and zero delinquent critical land conveyances.
- From January 2020 to date, the Authority received approval on 449 land right conveyances (Tier 1, Prior to and Post Construction).

Third-Party Agreements ([Page 20](#)):

- Seven remaining key agreements. Two non-critical agreements executed this month.
- In the past year, finalized 45 agreements. Thirty-four of those agreements were critical to supporting construction.

Environmental Permitting ([Page 21](#)):

- Remaining Amendments – Two agreements.
- To date there have been a total of 35 amendments made to the two Incidental Take Permits (Merced to Fresno – 13 and Fresno to Bakersfield – 22).
- Almost 90% (83 of 93 total) of all structures are permitted and approved for construction.

Project Development (Environmental Clearance) Schedule – Record of Decision (ROD) ([Pages 55 and 56](#)):

- The Central Valley Wye Notice of Determination (NOD) was filed on September 11, 2020, and the ROD was published on September 16, 2020. The CVY ROD/NOD is 100% completed.
- The Authority has published four Draft EIR/EIS documents in Calendar Year 2020 including: Bakersfield to Palmdale, San José to Merced, Burbank to Los Angeles, and San Francisco to San José.
- Bakersfield to Palmdale, San José to Merced, Burbank to Los Angeles, and San Francisco to San Jose public review comment periods have closed. Requisite comment period extensions and associated public meetings/hearings were accomplished virtually to meet COVID-19 social distancing requirements.
- San José to Merced Admin. Supplemental Draft EIR/EIS circulation to Cooperating Agencies scheduled for November 18, 2020.
- Bakersfield to Palmdale Admin Final EIR/EIS circulation to Cooperating Agencies scheduled for mid-November 2020.
- Palmdale to Burbank will circulate Admin Draft EIR/EIS to Cooperating Agencies in mid-January 2021.
- Los Angeles to Anaheim working steadily to integrate BNSF facilities east of Fullerton into the Los Angeles to Anaheim EIR/EIS in order to meet ARRA December 2022 deadline.

Construction Package 1

Invoicing ([Pages 22 through 24](#)):

- Actual Invoice – \$13.2M compared to Forecasted Invoice – \$28.1M (Expenditures lower than forecasted due to delays in downtown utility relocations works).
- Current Revised Baseline Substantial Completion Forecast Date – December 30, 2022.
- Current Contract Amount – \$2,262.1M compared to Cumulative Total Invoice \$1,375.0M, 60.8% expensed to date.

Change Orders ([Pages 25](#)):

- Executed Change Orders – Two for a total of \$2.2M.

Risk Contingency ([Page 26](#)):

- Original Contract Contingency – \$1,237M with Remaining Contract Contingency – \$457M.

Construction Labor ([Page 27](#)):

- Total Monthly Average – 344 daily workers. An increase of 45 (299) daily workers from the previous month.

Construction/Underway ([Page 28](#)):

- Guideway – 13 miles constructed/underway compared to a total of 13 miles needed. No increase from the previous month.
- Structures – 20 constructed/underway compared to a total of 22 planned. An increase of two from the previous month.

Small Business Enterprise ([Page 29](#)):

- Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.
- Small Business Enterprise Awarded Contracts as of report: 137 at a total contract value of \$508.9M. No new contracts from previous report.
- Small Business Goal (30%) at CP contract completion: \$677.9M.
- Total Small Business expenditures as of report: \$276.4M, at 24.6% of total paid to CP as of report.
- Small Business Goal as of report (30% of CP expenditures): \$336.4M.
- September 2020 Small Business expenditures: \$276.4M, up by \$4.2M from the previous report.

Real Property/Right-of-Way ([Pages 30 through 32](#)):

- Parcels Delivered to Design-Builder (DB) – One parcel. Three delinquent parcels. (One missed parcel in September at Carnegie was delivered to the DB in early November. One missed parcel in October at Carnegie was delivered to the DB in November and one parcel at Barstow projected to be delivered in early December).
- Total Parcels Delivered to Date – 834 parcels compared to an Estimated Total Parcels Needed – 1,048 parcels.
- Railroad Parcels Delivered to Design-Builder – Zero and zero delinquent parcels.
- Total Railroad Parcels Delivered to Date – 59 parcels compared to an Estimated Total Railroad Parcels Needed – 95 parcels.
- Land Right Conveyances (Tier I, Required Prior to Construction) Received Approval to Date – 80 Land Right Conveyances and zero delinquent land conveyances.

Revised Baseline Schedules:

- The Authority is currently evaluating the RBS and as such, the recent projections are being analyzed under the conditional acceptance of CP 1's forecast.

CP 1 Construction Progress Summary

Category	Status Update
General	<ul style="list-style-type: none"> • Avenue 7, American Avenue and Avenue 10 are completed. Avenue 7 and Avenue 10 opened to traffic. • Avenue 12 HST and BNSF Structures have been completed; the tie-ins are complete, and the new alignment is open to traffic. • Guideway - MSE walls between Avenue 9 and Avenue 15 in progress. • 37 of 40 Structures design packages are completed. • Utility Relocations' Status: <ul style="list-style-type: none"> ▪ Relocated: 209 (17%); In Progress: 441 (36%); Scheduled: 12 (1%); Not Started: 547 (45%); Total: 1,202. 7 were relocated and an additional 13 commenced in October. • Herndon Avenue: AT&T and FMFCD system relocations are underway. • Golden State Boulevard (North): Sewer, Water and Storm Drain system are in progress. • Shaw Avenue: AT&T accepted half mile infrastructure to pull & splice fiberoptic cable. • Jensen Trench: Work to ramp up in early 2021 when the relocation of UG gas and sewer lines have been completed. • Scheduled fiber optic relocations (critical path) in Downtown Fresno to start in November 2020. • Working on design of Sweeper package. • Manpower: The daily-worker monthly average of 187 in October 2019 increased by 54% to 344 in October 2020.
Structures	<ul style="list-style-type: none"> • Started UPRR downtown Shoofly. • Started Tulare Pump Station. • Fresno Trench: Top Down Box under SR-180 Freeway – Completed. • Avenue 10 opened to traffic. • Avenue 7, American Avenue and Avenue 10 are completed. Avenue 7 and Avenue 10 opened to traffic . • Avenue 12 HST and BNSF Structures have been completed; the tie-ins are complete, and the new alignment is open to traffic. • San Joaquin River - Viaduct River Span: Finishing touches on the Arch Span and clean-up work. • Golden State Boulevard Viaduct: Ongoing Superstructure work. • Downtown Fresno Viaduct: Ongoing Superstructure work.
Guideway	<ul style="list-style-type: none"> • Intrusion Protection Barrier (IPB) Mobilization: Deployment and work scheduled to start in November 2020. • Avenue 9 / Avenue 15: Progress continues with the importing and compacting of the subgrade. • Design started for 2.5 miles of guideway in the Caltrans section between Ashlan Avenue and McKinley Avenue Connector. • Thirteen miles of Guideway cleared for construction.

Construction Package 2-3

Invoicing ([Pages 33 through 35](#)):

- Actual Invoice – \$34.1M compared to Forecasted Invoice – \$40.8M (Expenditures lower than forecasted due to processing a series of small pending Change Orders for completed works, currently being issued).
- Current Revised Baseline Substantial Completion Forecast Date – December 18, 2022.
- Current Contract Amount – \$2,069.5M compared to Cumulative Total Invoice \$1,245.1M, 60.2% expensed to date.

Change Orders ([Page 36](#)):

- Executed Change Orders – Fifteen for a total of \$25.8M.

Risk Contingency ([Page 37](#)):

- Original Contract Contingency – \$1,085M with Remaining Contract Contingency – \$307M.

Construction Labor ([Page 38](#)):

- Total Monthly Average – 568 daily workers. An increase of 63 (505) daily workers from the previous month.

Construction/Underway ([Page 39](#)):

- Guideway – 46 miles constructed/underway compared to a total of 45 miles needed. An increase of one mile from the previous month.
- Structures – 21 constructed/underway compared to a total of 24 planned. No increase from the previous month.

Small Business Enterprise ([Page 40](#)):

- Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.
- Small Business Enterprise Awarded Contracts as of report: 202 at a total contract value: \$367.2M. No new contracts from previous report.
- Small Business Goal (30%) at CP contract completion: \$585.7M.
- Total Small Business expenditures as of report: \$132.6M, at 11.9% of total paid to CP as of report.
- Small Business Goal as of report (30% of CP expenditures): \$333.9M.
- September 2020 Small Business expenditures: \$132.6M, up by \$5.4M from previous report.

Real Property/Right-of-Way ([Pages 41 through 43](#)):

- Parcels Delivered to Design-Builder (DB) – 16 parcels and three delinquent parcels in October (Two at Nebraska and one at Tule River. The DB is performing out of sequence work to mitigate the construction schedule).
- Total Parcels Delivered to Date – 695 parcels compared to Estimated Total Parcels Needed – 1,002 parcels.
- Railroad Parcels Delivered to Design-Builder – Zero and zero delinquent parcels.
- Total Railroad Parcels Delivered to Date – 26 parcels compared to Estimated Total Railroad Parcels Needed – 57 parcels.
- Land Right Conveyances (Tier I, Required Prior to Construction) Received Approval to Date – 67 Land Right Conveyances and zero delinquent land conveyances.

Revised Baseline Schedules:

- The Authority is currently evaluating the RBS and as such, the recent projections are being analyzed under the conditional acceptance of CP 2-3's forecast.

CP 2-3 Construction Progress Summary

Category	Status Update
General	<ul style="list-style-type: none"> • Design: 82 out of 100 design packages on CP 2-3 have been approved. • Six new RFC design packages approved with comments. A new record for CP 2-3. • Eighteen GBRC packages approved. • Most current IPB requirements are being incorporated into the design by the Contractor. The design is forecasted to be completed by the fourth quarter of 2020. • 9th Avenue: Abutment walls construction has been completed. • Jackson Avenue and Kings River: Test pile and production pile installations completed. • Hanford Viaduct: Substructure has been substantially completed. • Two Irrigation design packages have been approved by J.G. Boswell. • Conejo Avenue: Main structure design approved. • Land Right Conveyances: 18 received from various irrigation districts. • Utility Relocations' Status: <ul style="list-style-type: none"> ▪ Relocated: 241 (35%); In Progress: 60 (9%); Scheduled: 61 (9%); Not Started: 332 (47%); Total: 694. 54 were relocated and an additional 19 commenced in October. • Environmental Clearance: <ul style="list-style-type: none"> ▪ 39 of 52 required Master Streambed Alteration Agreement (MSAA) sub-notifications approved. ▪ Two 408 Permits are in process – revised trestle plans were submitted to Central Valley Flood Protection Board (CVFPB) and USACE for Cole Slough and Dutch John Cut. • BNSF Relocation and Construction Agreements (Package A and B) have been executed and provided to the DB Contractor. These agreements now allow the start of construction on several utility relocations and Type II bridge structures. • Cross Creek Viaduct: RFC Design approved with comments. • 3 out of 4 Viaduct RFC Design packages are now Approved with Comments. • Manpower: The daily-worker monthly average of 251 in October 2019 more than doubled to 568 in October 2020.
Structures	<ul style="list-style-type: none"> • Four Structures, Peach Avenue, Kent Avenue, Kansas Avenue and Excelsior Avenue are substantially complete. • Hanford Viaduct: Type 1 bridge substructure substantially complete. • Conejo Viaduct: Abutment 1 walls 38 of the 42 columns completed. • Davis Avenue: DFJV is working on the Bent piling. • South Avenue: All precast panes have been set. Poured all the diaphragms. • Idaho Avenue: Type 2 test pile program completed. • Avenue 88: Of the 20 girders to be installed, all 20 are now complete. • 9th Avenue: Type 1 Abutment walls completed and the falsework for the superstructure is upright. • Land Right Conveyance: 10 PG&E utility relocations underway enabling Fowler Avenue, Elkhorn and Dover Avenue bridges to start construction. • Caltrans Early Work Approvals: <ul style="list-style-type: none"> ▪ SR-43 Tied Arch – CIDH excavation is ongoing. RFC has been submitted and Caltrans TCP is expected in November 2020. ▪ SR-43 Tule River – Caltrans Permit Issued. DFJV working on the utility relocations. ▪ SR-43 Curved Bridge – Caltrans approved the detour plans and permit issued on July 15, 2020.
Guideway	<ul style="list-style-type: none"> • Avenue 24: Road reconstruction from Road 80 to Road 72 completed its punch list items. • Flint Avenue: SCE relocation completed. • Nebraska Avenue and Fowler Avenue (Civil): PG&E relocation completed. • Floral Avenue: SEMPRA gas line (So Cal Gas) has been completed.

Construction Package 4

Invoicing ([Pages 44 through 46](#)):

- Actual Invoice – \$8.2M compared to Forecasted Invoice – \$13.4M (Expenditures lower than forecasted due to delays in utility relocation works and pending Change Order for Intrusion Protection Barrier completed work).
- Current Revised Baseline Substantial Completion Forecast Date – December 15, 2021.
- Current Contract Amount – \$607.9M compared to Cumulative Total Invoice \$375.4M, 61.7% expensed to date.

Change Orders ([Page 47](#)):

- Executed Change Orders – Three for a total of \$1.3M.

Risk Contingency ([Page 48](#)):

- Original Contract Contingency – \$340M with Remaining Contract Contingency – \$152M.

Construction Labor ([Page 49](#)):

- Total Monthly Average – 217 daily workers. An increase of four (213) daily workers from the previous month.

Construction/Underway ([Page 50](#)):

- Guideway – 20.3 miles constructed/underway compared to a total of 20.3 miles planned. No increase from the previous month.
- Structures – Nine constructed/underway compared to a total of nine planned. An increase of one from the previous month.

Small Business Enterprise ([Page 51](#)):

- Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020
- Small Business Enterprise Awarded Contracts as of report: 89 at a total contract value of \$77.7M. No new contracts from previous report.
- Small Business Goal (30%) at CP contract completion: \$183.3M.
- Total Small Business expenditures as of report: \$44.8M, at 13.6% of total paid to CP as of report.
- Small Business Goal as of report (30% of CP expenditures): \$98.7M.
- September 2020 Small Business expenditures: \$44.8M, up by \$1.6 from previous report.

Real Property/Right-of-Way ([Pages 52 through 54](#)):

- Parcels Delivered to Design-Builder (DB) – Three parcels and eight delinquent parcels. (One parcel missed in September at McCombs was delivered to the DB in early November. Seven parcels missed in October at Garces Highway, agreements are executed on seven parcels to perform Environmental work while actively working to conclude acquisition negotiations).
- Total Parcels Delivered to Date – 172 parcels compared to the Estimated Total Parcels Needed – 245 parcels.
- Railroad Parcels Delivered to Design-Builder – Zero and zero delinquent parcels.
- Total Railroad Parcels Delivered to Date – 27 parcels compared to Estimated Total Railroad Parcels Needed – 30 parcels.
- Land Right Conveyances (Tier I, Required Prior to Construction) Received Approval to Date – 14 Land Right Conveyances and zero delinquent land conveyances.

Revised Baseline Schedules:

- The Authority is currently evaluating the RBS and as such, the recent projections are being analyzed under the conditional acceptance of CP 4's forecast.

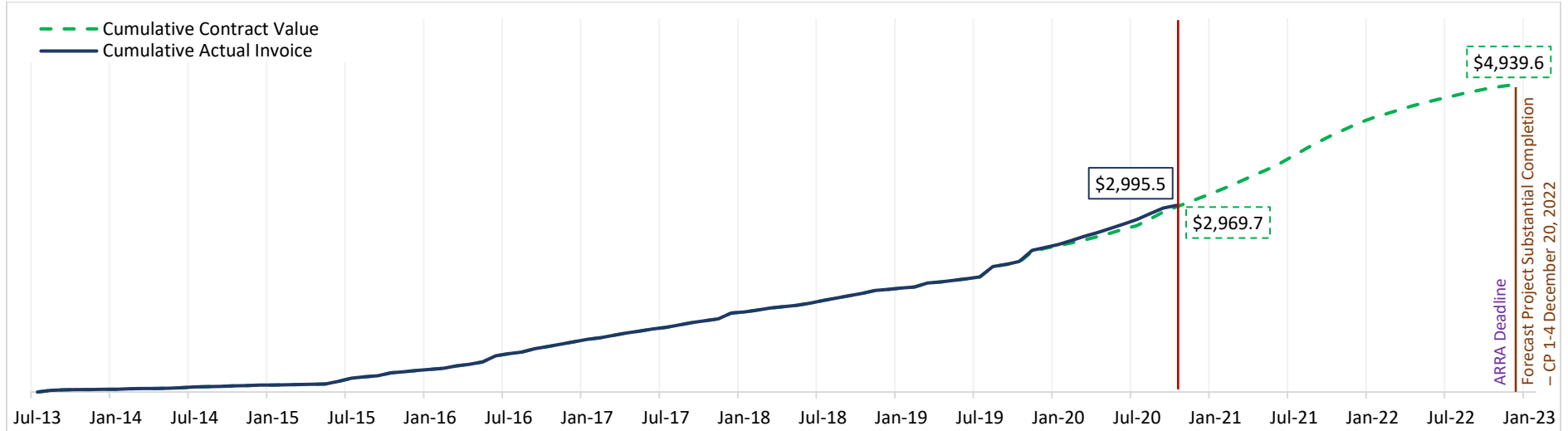
CP 4 Construction Progress Summary

Category	Status Update
General	<ul style="list-style-type: none"> • Guideway and structure designs have been completed; RFC’s have been issued. • Intrusion Protection Barrier (IPB): DB is currently reviewing the new design bulletin. • Environmental Clearance: 12 out of 13 required ITPs were completed; the remaining one is being submitted for CDFW approval. • Utility Relocations’ Status: <ul style="list-style-type: none"> ▪ Relocated: 26 (15%); In Progress: 11 (7%); Scheduled: 30 (18%); Not Started: 99 (60%); Total: 166. 3 were relocated and an additional 6 commenced in October. • Manpower: The daily-worker monthly average of 156 in October 2019 increased more than 72% to 217 in October 2020.
Structures	<ul style="list-style-type: none"> • Peterson Road Underpass: Redesign is complete, and construction is underway. • McCombs Avenue: Agreements reached with Kern County and Caltrans – Abutment 4 MSE wall started and embankment work resumed. • Wasco Viaduct: 76 pre-cast girders have been set over the BNSF tracks. Work continued at Bent 7 and Bent 8 upper edge beam; poured sections of Cast-In-Place (CIP) wall 279.9 footing and wall. Set forms for Bent 9 column upper flare and started setting Bent 10 column. • Pond Road Underpass deck poured. • Garces Highway Underpass post tensioning completed and grouting tendons. • Poso Creek Overpass: Post tensioning and falsework removal. • Completed Intrusion Protection Barrier (IPB) and CIP wall between McCombs Avenue and SR-46. • Construction continued on seven structures: Garces Highway Underpass, Pond Road Underpass, Poso Creek Overpass, SR-46 HSR, Wasco Viaduct, Merced Avenue Overpass, and the Kimberlina Road Underpass.
Guideway	<ul style="list-style-type: none"> • Construction continued on Access Road south of Peterson Road, and on the BNSF Shoofly. • Continued work on the wildlife box culverts at crossings north and south of Garces Highway and north of Magnolia Avenue. • Construction continued on embankment import between Semi-Tropic Canal and Woollomes Avenue. • Embankment efforts continued between Poso Creek and Tausig Avenue. • McCombs and SR-46: Embankment work continued. • Kimberlina Road (South): Access road construction continued. • Wasco Viaduct (North): Continued efforts on the CIP wall. • Embankment, slope trimming and topsoil placement ongoing throughout guideway. • Utility relocations, PG&E, SEMPRA, AT&T and others ongoing at numerous sites. • Completed SoCal Edison relocations on Peterson Road.

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 October 31, 2020. The planned values are based on the Proposed Revised Baseline Schedules developed for all the construction packages as of October 2020. The completion value (\$4.9B) 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 of \$4.93 will be expended by end of December 2022.

CP 1-4 – Projected Milestones

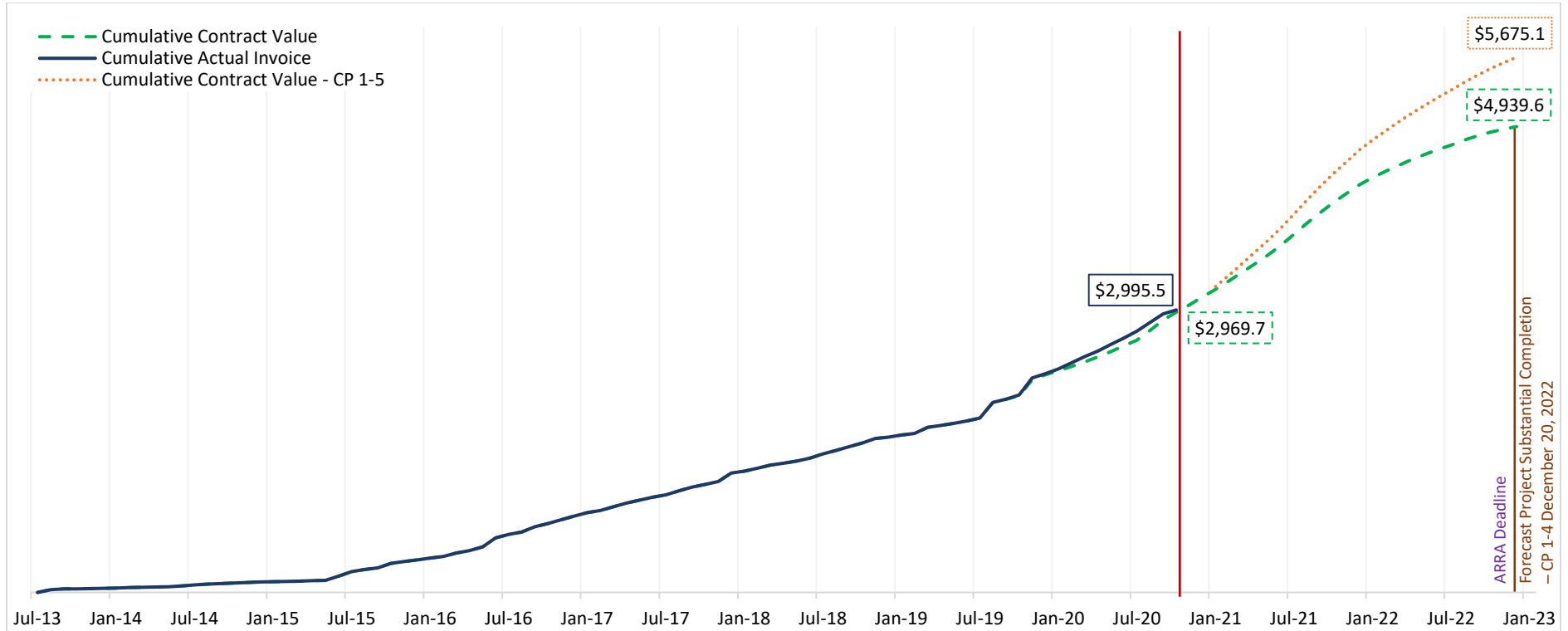
Milestone	Date
01. CP 1 Main Design Complete	Feb-21 ⁽¹⁾
02. CP 1 ROW Critical Parcels Acquisition Complete	Nov-20
03. CP 1 Environmental Clearance Complete	Nov-20 ⁽⁴⁾
04. CP 1 Utility Relocation Complete	Mar-21

Milestone	Date
05. CP 2-3 Main Design Complete	Dec-20 ⁽²⁾
06. CP 2-3 ROW Critical Parcels Acquisition Complete	Jan-21 ⁽³⁾
07. CP 2-3 Environmental Clearance Complete	May-20 (Complete)
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	Nov-20 ⁽⁵⁾
12. CP 4 Utility Relocation Complete	Mar-21

- Notes:**
- CP 1 Main Design has been revised to February 2021 as the DB and PCM get the FCN/DCN process into contract compliance to enforce the verification and validation certification. Mitigating issue via NCR and directive letter to ICE/ISE to enforce compliance.
 - CP 2-3 Main Design has been pushed to December 2020 as the DB, PCM, Caltrans and BNSF address design delays for the utility relocations. This is critically impacting the schedules.
 - Projection has been updated based on the Revised Baseline Schedules (RBSs).
 - CP 1 Environmental Clearance pushed to November 2020 to review the Hazardous Abatement designs and incorporate additional utilities and BNSF access roads at the structure and guideway sites.
 - CP 4 Environmental Clearance on lands requiring utility relocations delayed from July 2020 to November 2020 pending issuance of ITP Amendment, per California Rail Builders (CRB).

Remaining Expenditures to Achieve ARRA (DB + CP 5) - \$ Millions



Remaining DB and Track Work Baseline Items:

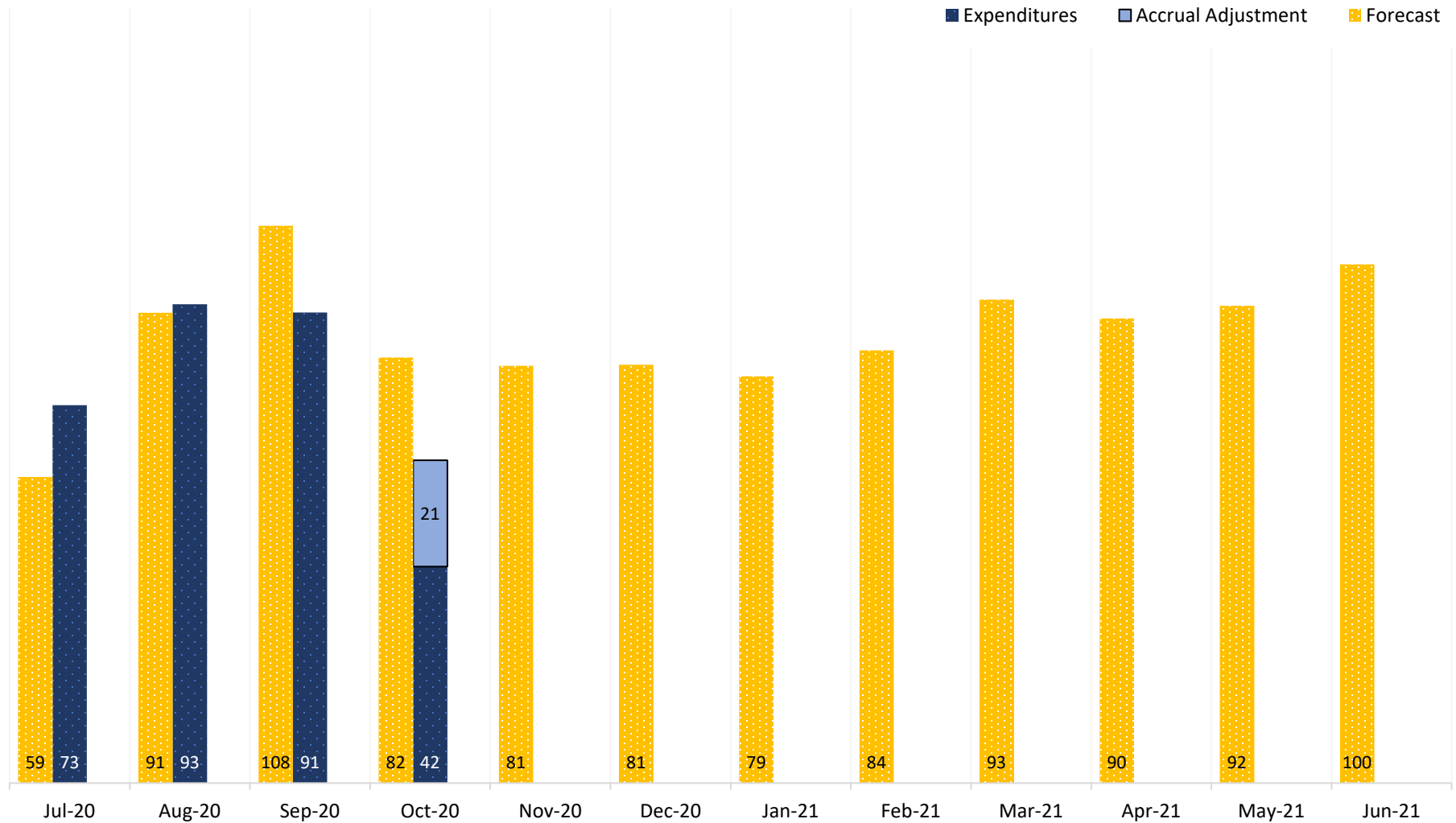
- Intrusion Protection Barriers and other railroad related works.
- North Extension (Avenue 17 to 19 in Madera County).
- Third-Party related work (e.g., Additional PG&E and AT&T work).
- Track Works (Needed for ARRA fulfillment).
- Miscellaneous Works Modifications (e.g., Utility Relocation, Environmental 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 Cumulative Contract Value - CP 1-5 (DB only) curve has been adjusted to reflect only the ARRA scope required to complete the 119-mile infrastructure by December 31, 2022. For the Track & Systems contract, this adjustment includes only the estimated cost to place plain-line track. The November CVSR will provide a reconciliation with the ARRA scope included in the Capital Outlay Report.
2. The December 2022 Cumulative Plan forecast projection increased from \$4,910.3M to \$4,939.6M due to \$29.3M in October 2020 Change Order executions.

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

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

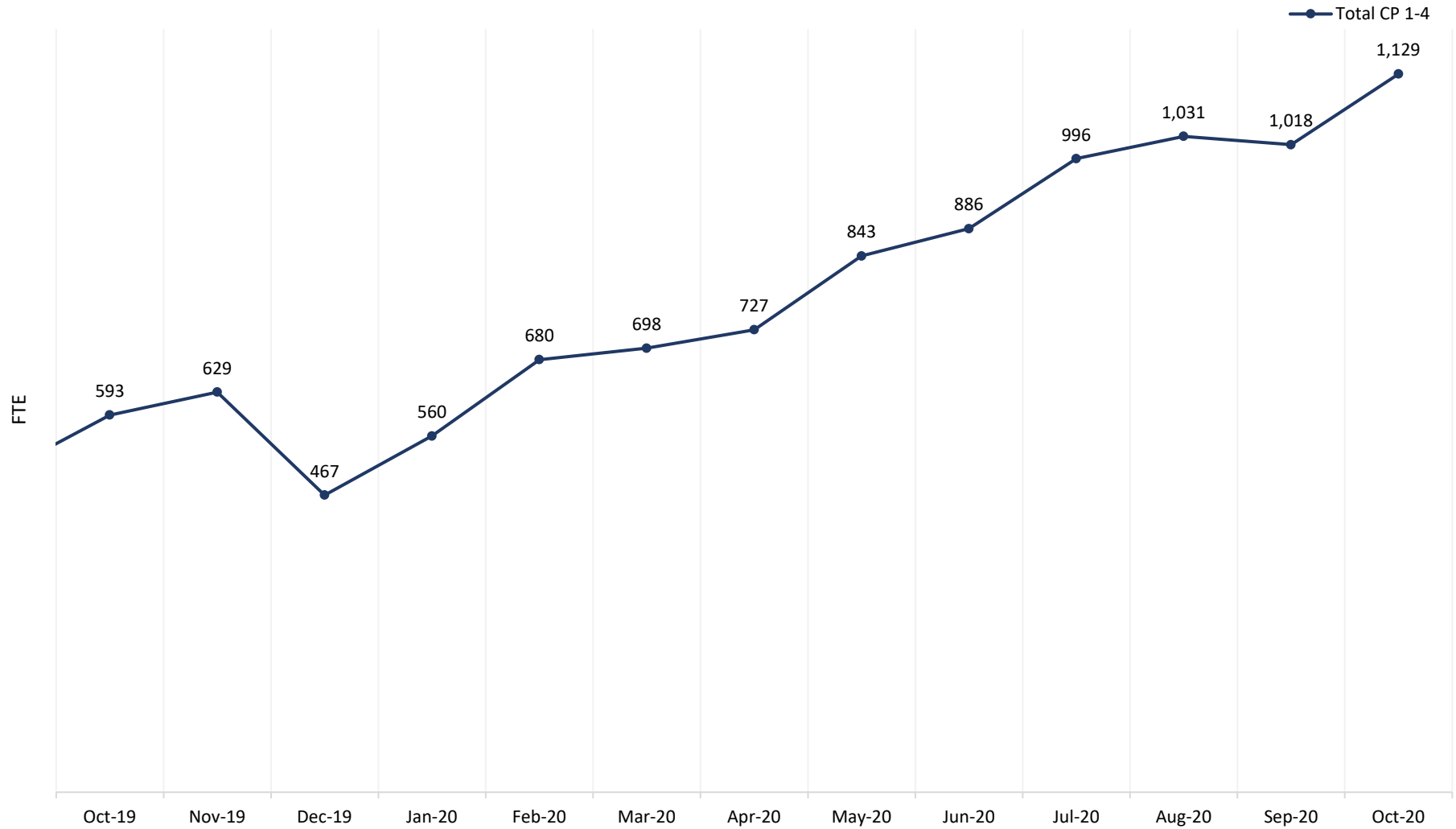


Notes:

- Expenditures contained in the chart above are specific to the Design-Builder production and based on the PCM certified invoice reported in the respective month and do not include accrual adjustments. However, the Capital Outlay Report reflected an adjustment of \$20.6M to CP 2-3 September Accruals resulting in a total adjusted October invoice amount of \$41.9M.
- All projections are being monitored against the conditional acceptance of CP 1-4's Revised Baseline Schedule (RBS) as of October 2020.
- The primary drivers of the lower expenditures are: CP 1 – delays in downtown utility relocations works; CP 4 – delays in utility relocation works and pending Change Order for Intrusion Protection Barrier completed work.

CP 1-4 – Monthly Construction Workforce Total

CP 1-4 – Monthly Construction Workforce Total – Actual

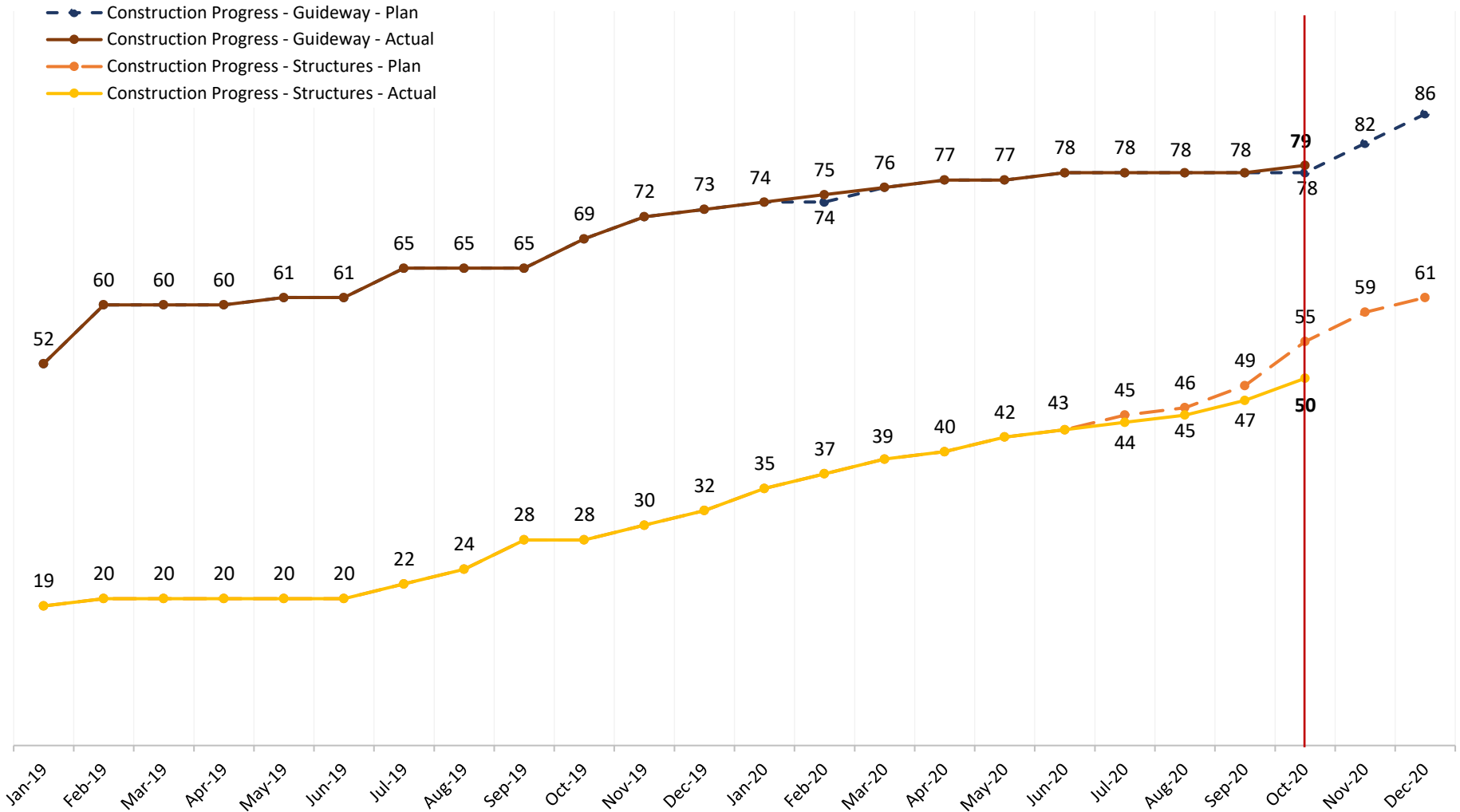


Notes:

1. The Construction Labor numbers (Full-Time Employees) are based on the weekly totals divided by the number of weeks within the working calendar month.
2. The December 2019 reporting number shows a sharp decrease due to the holiday week of December 23rd through December 31st.
3. The data from October 2019 to April 2020 was previously presented with data from each month's final week. The data has been updated to represent more accurately the overall total on a per working calendar month average status.

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

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



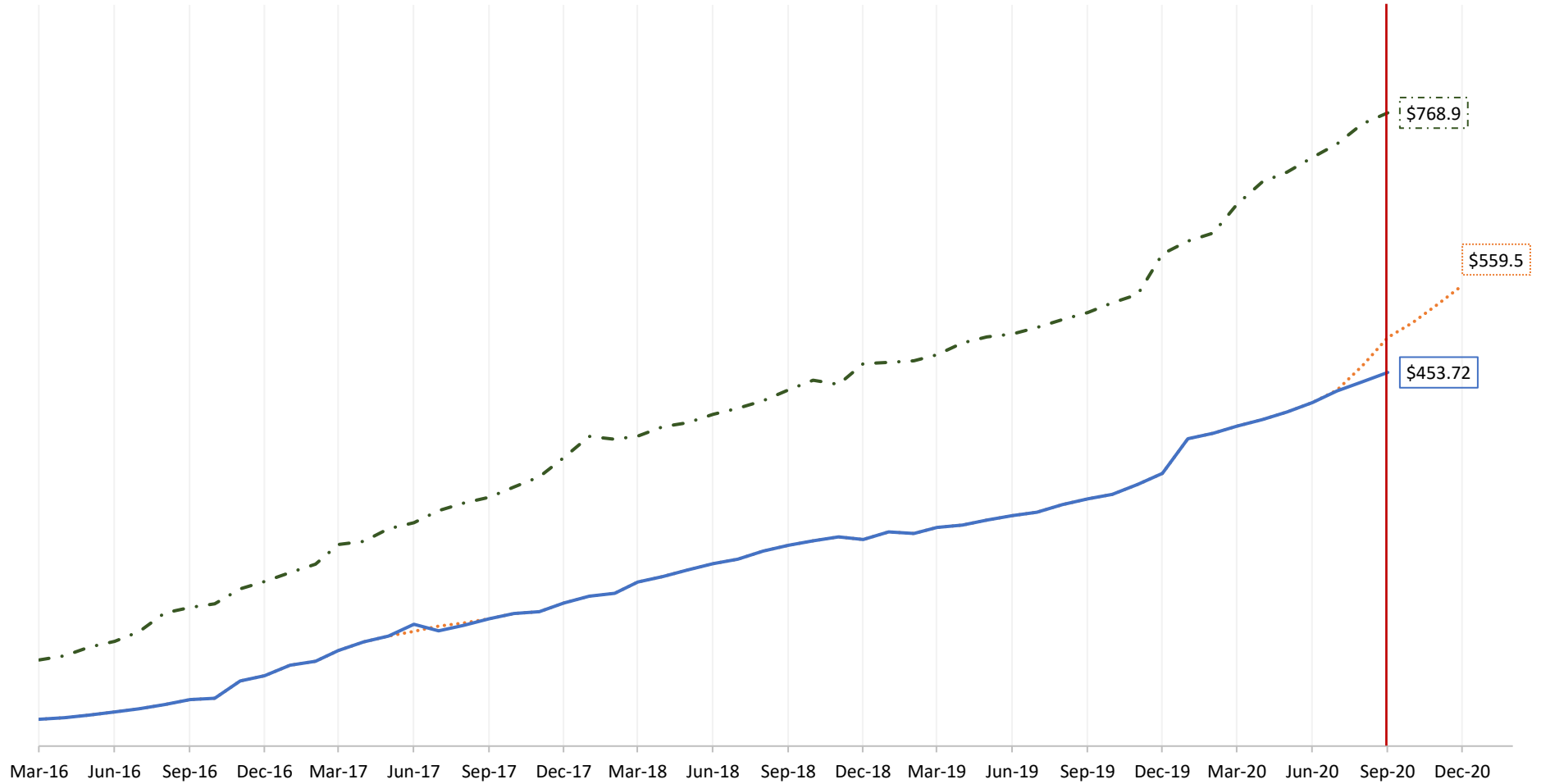
Notes:

1. Total Structures: 93 each.
2. Total Guideway: ~119 miles.
3. The Forecasted Structures and Guideway are based on the Authority's conditional acceptance of CP 1-4's Revised Baseline Schedule (RBS) as of October 2020.
4. CP 1: Avenue 15 ½ was delayed due to delays in PG&E utility relocations (2 of 3 completed). Belmont Avenue resequencing discussions underway.
5. CP 2-3: Deer Creek Viaduct and Avenue 136 were delayed by ROW. Avenue 24 is scheduled to start in December

CP 1-4 – Small Business Enterprise

CP 1-4 Cumulative Values

● Cumulative SBE Forecast
 — Cumulative SBE Actual
 - · - Current SBE Target



Notes:

1. Number of Small Business Enterprise Awarded Contracts: 428.
2. Value of overall Small Business Goal (30%): \$1.5B.
3. Value of Current Small Business Enterprise Awarded Contracts: \$953.8M.
4. Value of Small Business expended: \$453.7M.
5. Small Business Enterprise Utilization percentage based on Contractor Invoices Paid to Date: 17.7%.
6. Business Enterprise Utilization towards Value of overall Small Business Goal: 31%.
7. Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.

CP 1-4 – Right-of-Way (ROW) Summary

ROW established metrics to track the following:

- Acquisition Tracking.
 - Parcel: Property rights required from others and public lands (property rights required from public entities and/or multiple parties).
 - Railroad: Property rights and other agreements required from railroads.
- Land Right Conveyance Tracking.
 - Tier 1: Land Right Conveyances (critical); entities requiring transfer of title prior to construction (PG&E, Southern California Edison, Fresno Irrigation District and the Fresno Metropolitan Flood Control District).
 - Tier 1: Land Right Conveyances (non-critical); due to the PG&E letter agreement (executed May 6, 2020) temporarily reclassified numerous critical PG&E land right conveyances as non-critical for construction and transfer of title occurs post construction.
 - Tier 2: Land Right Conveyances (non-critical); entities where transfer of title occurs post construction.

CP 1-4 – ROW Parcel Acquisition Summary

Construction Package	Total Needed September 30, 2020	Total Needed COS ⁽¹⁾ Modifications ⁽²⁾	Total Needed October 31, 2020	Total Acquired September 30, 2020	Acquired October 31, 2020	Total Acquired October 31, 2020
	(A)	(B)	(C) = (A) + (B)	(D)	(E)	(F) = (D) + (E)
CP 1	1,045	3	1,048	850	1	851
CP 2-3	1,015	-13	1,002	694	3	697
CP 4	248	-3	245	170	2	172
Total	2,308	-13	2,295	1,714	6	1,720

- Notes:
1. Certificate of Sufficiency (COS).
 2. For CP 1, added four parcels (two excess to fee, two additional identified during mapping and revised design) and removed one parcel (design refinement) For CP 2-3, added three due to revised design and removed 16 parcels no longer needed due to further design review. For CP 4, removed three parcels no longer needed due to stakeholder coordination.

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

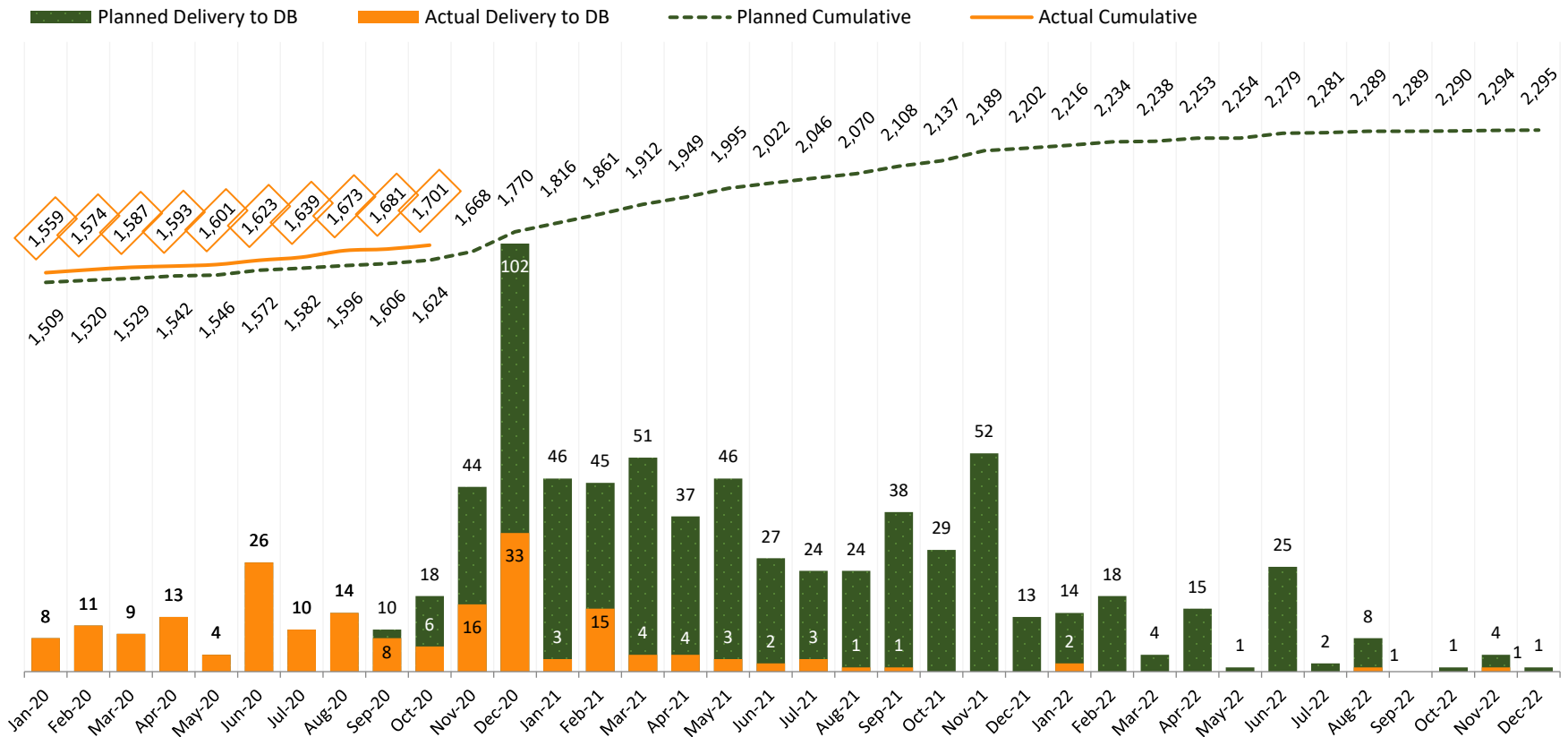
Construction Package	Total Acquired ⁽¹⁾ October 31, 2020	Delivered to DB ⁽²⁾ October 31, 2020	Total Delivered to DB ⁽³⁾ October 31, 2020	Total Acquired, Remaining to Deliver to DB October 31, 2020
	(G) = (F)	(H)	(I)	(J) = (G) - (I)
CP 1	851	1	834	17
CP 2-3	697	16	695	2
CP 4	172	3	172	0
Total	1,720	20	1,701	19

- Notes:
1. Total Acquired is defined as parcels that are legally possessed by the Authority.
 2. The 20 parcels delivered to the DB includes: two planned in October; one in November; one in December; and 16 in 2021.
 3. Total 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 October 31, 2020	Total Parcels Delivered to Date October 31, 2020	Remaining Parcels to be Delivered October 31, 2020
CP 1	1,048	834	214
CP 2-3	1,002	695	307
CP 4	245	172	73
Total	2,295	1,701	594

CP 1-4 – Parcel Delivery to DB Summary



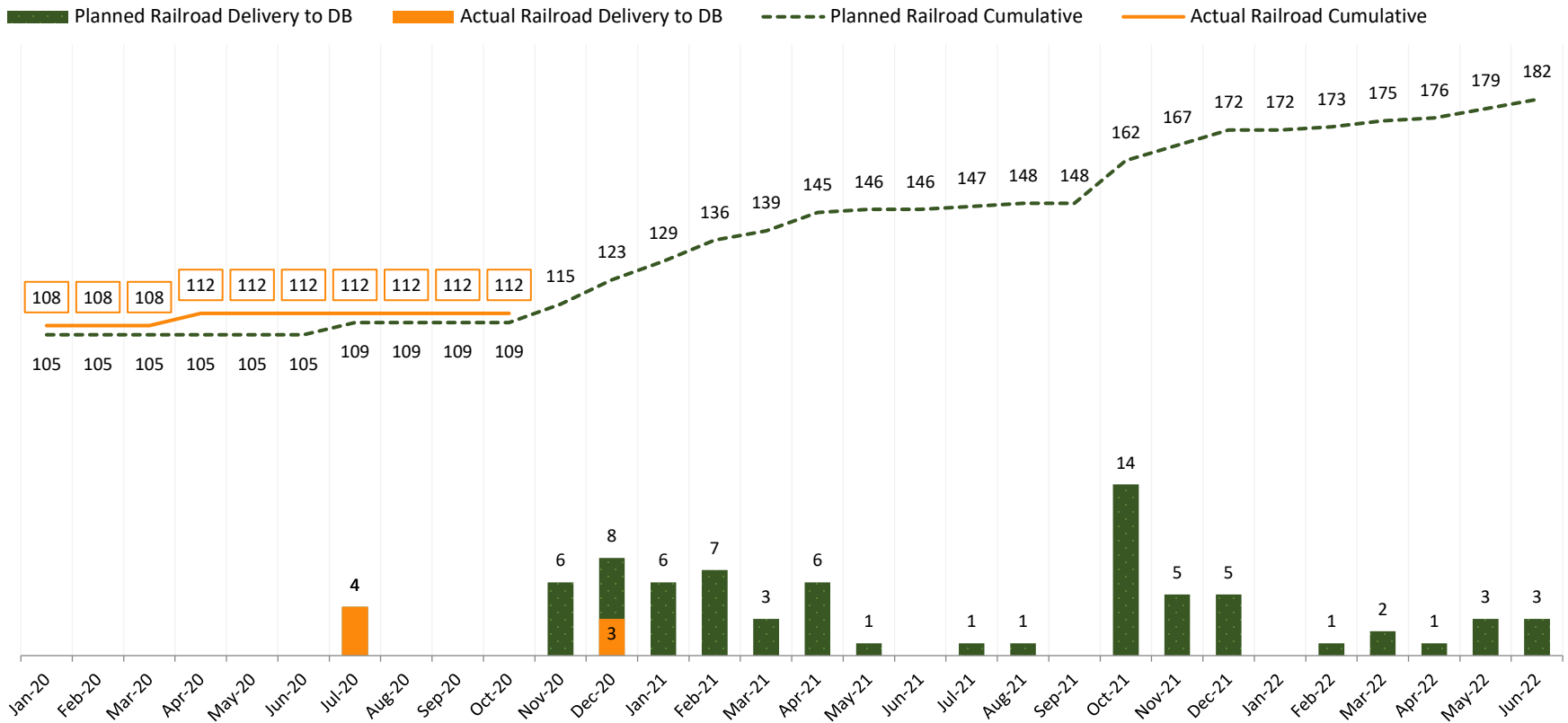
Notes:

1. This reflects the current Revised Baseline Schedules (RBSs) for CP 1, CP 2-3, and CP 4.
2. Planned Delivered to DB parcels may be adjusted periodically based on continued refinement of the RBS.
3. Actual cumulative line for October 2020 reflects delivered parcels that are forecasted in future months.
4. Two remaining September parcels and one October parcel (two in CP 1 and one in CP 4) were delivered to the DB in early November. One CP 1 parcel projected to be delivered in early December. In CP 2-3, the DB is performing out of sequence work to mitigate the construction schedule regarding three parcels. In CP 4, agreements are executed on seven parcels to perform Environmental work while actively working to conclude acquisition negotiations.

CP 1-4 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels October 31, 2020	Total Railroad Parcels Delivered to Date October 31, 2020	Remaining Railroad Parcels to be Delivered October 31, 2020
CP 1	95	59	36
CP 2-3	57	26	31
CP 4	30	27	3
Total	182	112	70

CP 1-4 – Railroad Parcel Delivery to DB Summary



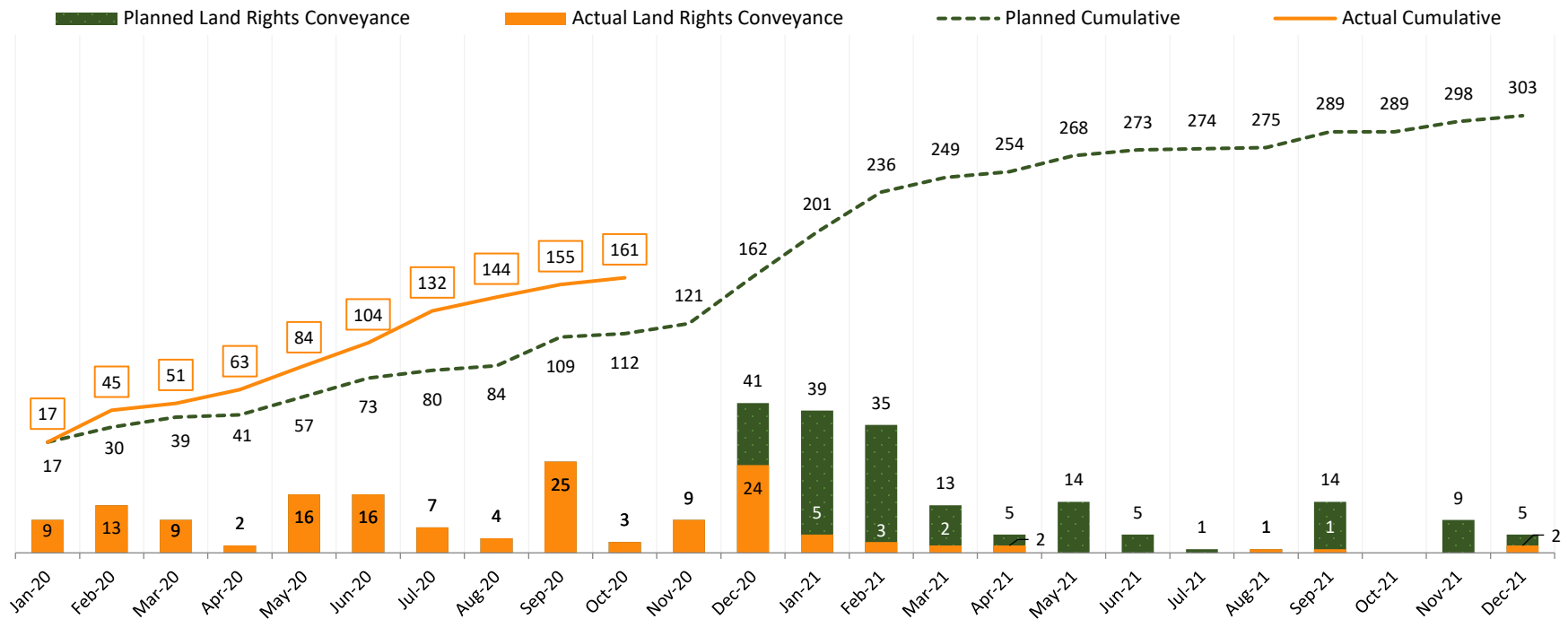
Notes:

1. This reflects the current Railroad Revised Baseline Schedules (RBSs) for CP 1, CP 2-3, and CP 4.
2. Planned Railroad Delivery to DB parcels may be adjusted periodically based on continued refinement of the RBS.

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

Construction Package	Total Needed Land Right Conveyances September 30, 2020	Total Needed Land Right Conveyances Modifications	Total Needed Land Right Conveyances October 31, 2020	Total Land Right Conveyances Approved ⁽⁵⁾ to Date September 30, 2020	Total Land Right Conveyances Approved October 31, 2020	Remaining Land Right Conveyances to be Approved October 31, 2020
CP 1	121	-4	117	76	4	37
CP 2-3	161	-4	157	66	1	90
CP 4	29	0	29	13	1	15
Total	311	-8	303	155	6	142

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



Notes:

1. This projection has been revised based on the Revised Baseline Schedules (RBSs).
2. The PG&E letter agreement (executed May 6, 2020) temporarily reclassified numerous critical land right conveyances as non-critical for construction and is reflected above.
3. Actual Cumulative for October 2020 includes completed land right conveyances that are forecasted in future months.
4. Planned land right conveyances were adjusted from last month's report due to continued refinement of the RBS.
5. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.
6. Total Needed Land Right Conveyances reduced by eight due to design optimization.

119-Mile Central Valley Segment – Third-Party Agreements

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

Entity	Project Section	Result of Resolution	Previous Estimated Completion	Current Estimated Completion
Madera Valley Water Company (MVWC)	CP 1	Obtain MVWC’s cooperation and capture essential terms working together to relocate MVWC facilities. Agreement finalized and approved by MVWC Board, but MVWC insists on hiring contract administrator before signing.	Jul-20	Dec-20
County of Kings	CP 2-3	Covers transfer of ROW between Authority and County. Grants immediate right of possession to Authority and use of existing ROW for construction. Agreement language finalized, but exhibit maps still being completed by Authority Right-of-Way Engineering.	Sep-20	Dec-20
City of Wasco	CP 4	Covers transfer of ROW between Authority and City. Grants immediate right of possession to Authority and use of existing ROW for construction. City of Wasco halted negotiations due to dispute on additional financial Farmworker Housing support.	Jul-20	On Hold
City of Wasco	CP 4	Defines ownership and maintenance of grade separations between Authority and City in perpetuity. City of Wasco halted negotiations due to dispute on additional financial Farmworker Housing support.	Jul-20	On Hold
Semitropic Water Storage District	CP 4	Design and construction of facilities. Semitropic Board approved March 2020. Semitropic counsel still finalizing provisions with the Authority’s Legal Office.	Jul-20	Dec-20
Semitropic Water Storage District	CP 4	CCUA ⁽¹⁾ template allows prompt execution of land conveyances. Semitropic and the Authority’s CP 4 team still working out final revisions and exhibits.	Jul-20	Dec-20
Semitropic Water Storage District	CP 4	JUA ⁽²⁾ template allows prompt execution of land conveyances. Semitropic and the Authority’s CP 4 team still working out final revisions and exhibits.	Jul-20	Dec-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 ROW, or relocated to a new position within the Authority’s ROW, but also still within the facility owner’s existing ROW (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 ROW and outside or partly outside of the facility owner’s existing ROW. JUAs also establish the facility owner’s and Authority’s respective rights and obligations for occupying, maintaining, and accessing the joint use area.

119-Mile Central Valley Segment – Environmental Clearance - Incidental Take Permits (ITP) Summary⁽¹⁾

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
CP 1AB M-F Clean Up No. 2	Executed	CP 1	Executed November 4, 2020	Mar-20	Nov-20
Utility Design Refinements	Contractor to Submit	CP 1	Amendment to document the changes in utility design.	Aug-20	Feb-21 ⁽²⁾

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
All Access Roads and Utility Logistics	Contractor to Submit	CP 4	<p>This amendment addresses additional ROW required for the installation of access roads needed to provide:</p> <ul style="list-style-type: none"> • Maintenance access for third-party utilities and private property owners. • Relocation access for third-party utility installations. • Equipment staging areas. • Access to various associated third-party facilities. 	Aug-20	Nov-20

Notes:

1. 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.
2. Amendment is currently being drafted with expected submittal by contractor in November 2020.

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 Contract Completion Date:	11/31/2021
Current Forecast Substantial Completion Date⁽²⁾:	12/30/2022

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:	\$1,239,127,467.45
Current Contract Amount:	\$2,262,115,467.45
Approved Invoices to Date ⁽¹⁾ :	\$1,375,031,046.75
Remaining Contract Balance:	\$887,084,420.70

Contract Time Status

Description	Duration ⁽³⁾
Original Contract Days:	1,628
Extension of Time Awarded:	1,312
Current Forecast Contract Days:	2,940
Work Days Spent (thru 10/31/2020):	2,573

Expended to Date

Description	Percentage
Time:	87.5%
Dollars:	60.8%

Growth Percentage

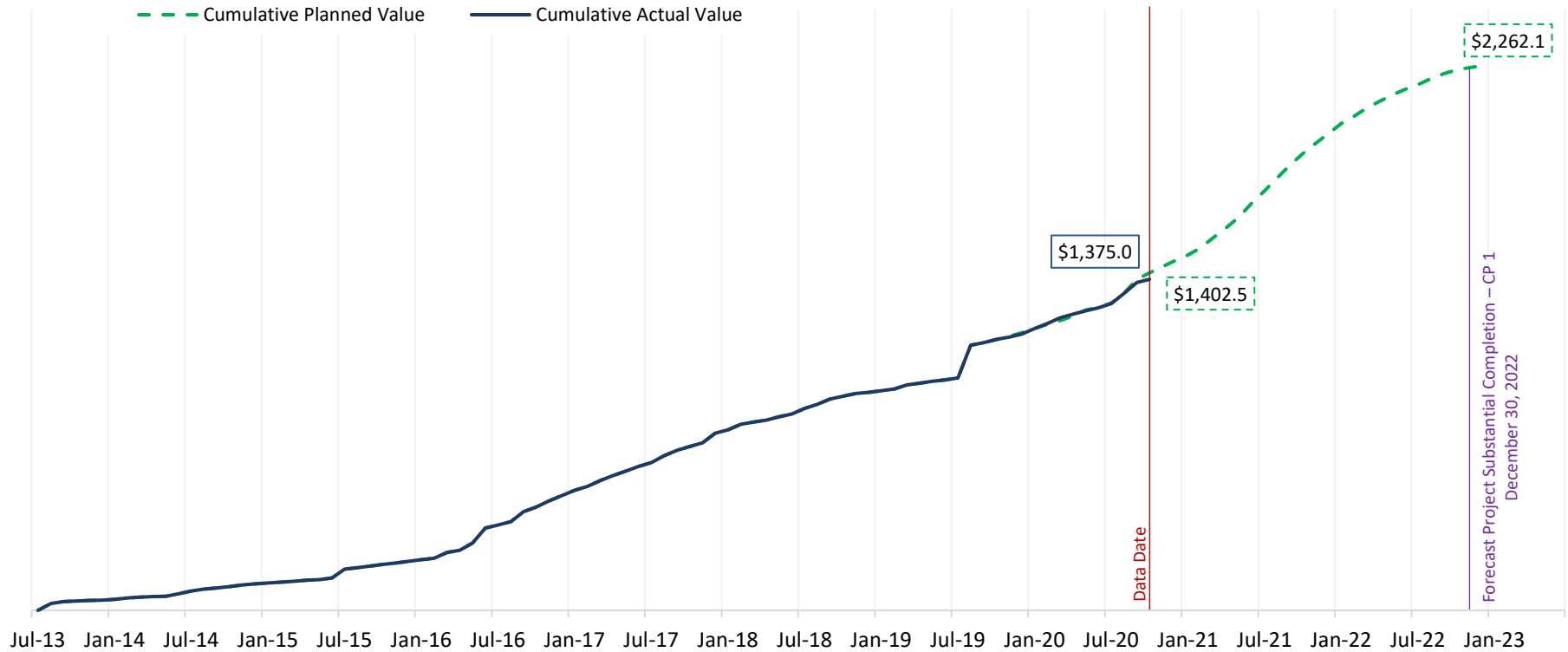
Description	Percentage
Time:	80.6%
Dollars:	121.1%

Notes:

1. Includes actuals through October 2020 and estimate for November 2020.
2. Current RBS Substantial Completion Forecast Date (Pending executed change order letter issuance) – December 30, 2022.
3. Calendar Days.

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	Feb-21
ROW Critical Parcels Acquisition Complete	Nov-20

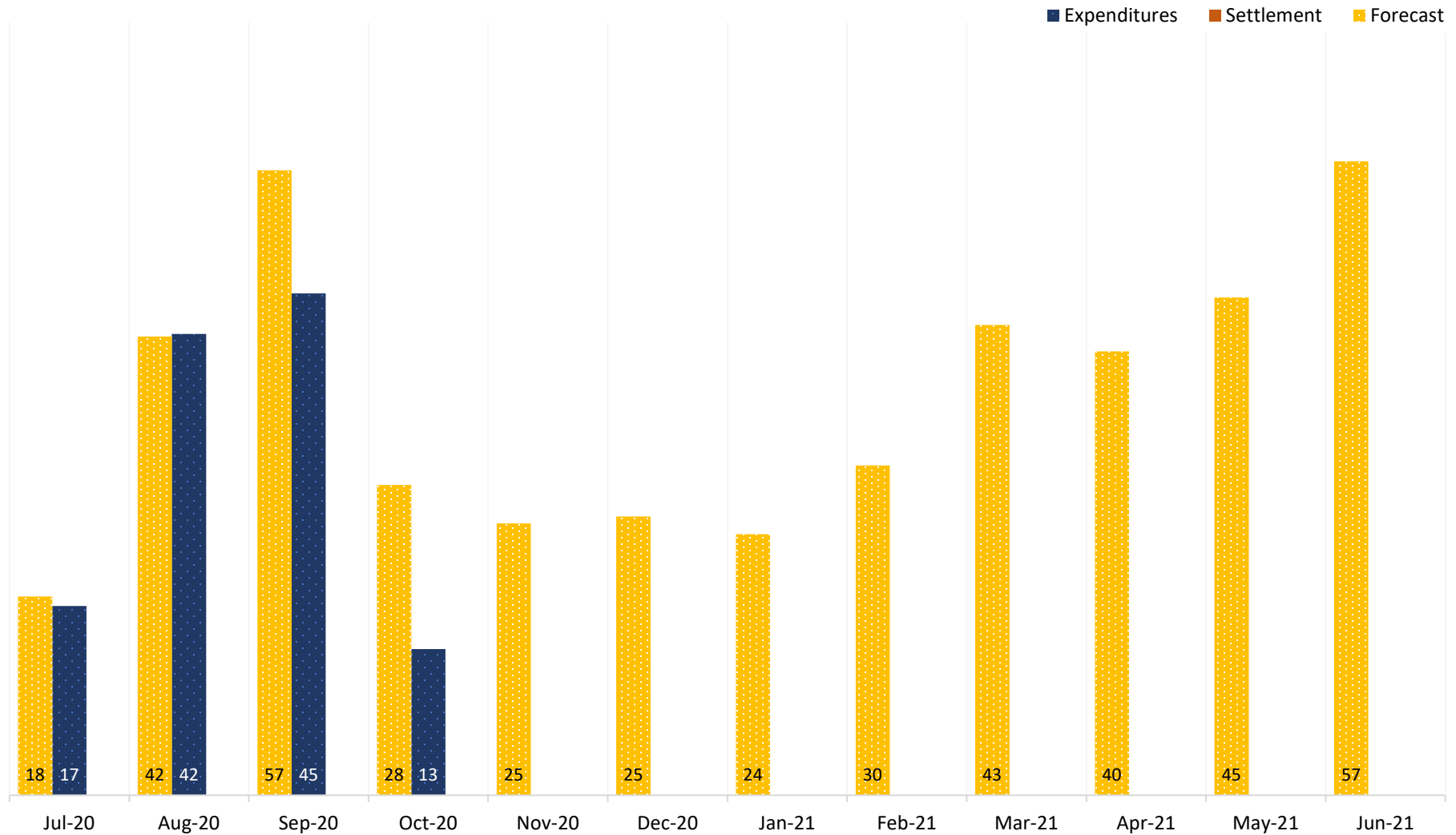
Milestone	Date
Environmental Clearance Complete	Nov-20
Utility Relocation Complete	Mar-21

Notes:

1. 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.
2. Main Design has been revised to February 2021 as the DB and PCM get the FCN/DCN process into contract compliance to enforce the verification and validation certification.
3. CP 1 Environmental Clearance pushed to November 2020 in order to review the Hazardous Abatement designs and incorporate additional utilities and BNSF access roads at the structure and guideway sites.
4. The Planned Value and Contract Substantial Completion Date (December 2022) are based on the Authority’s conditional acceptance of CP 1’s Revised Baseline Schedule (RBS) as of July 2020. This is expected to be refined as future change orders are issued and finalized.

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 PCM certified invoices and do not include accrual adjustments.
2. The projections are being monitored against the conditional acceptance of CP 1's Revised Baseline Schedule (RBS) as of October 2020.
3. Expenditures lower than forecasted due to delays in downtown utility relocations works.

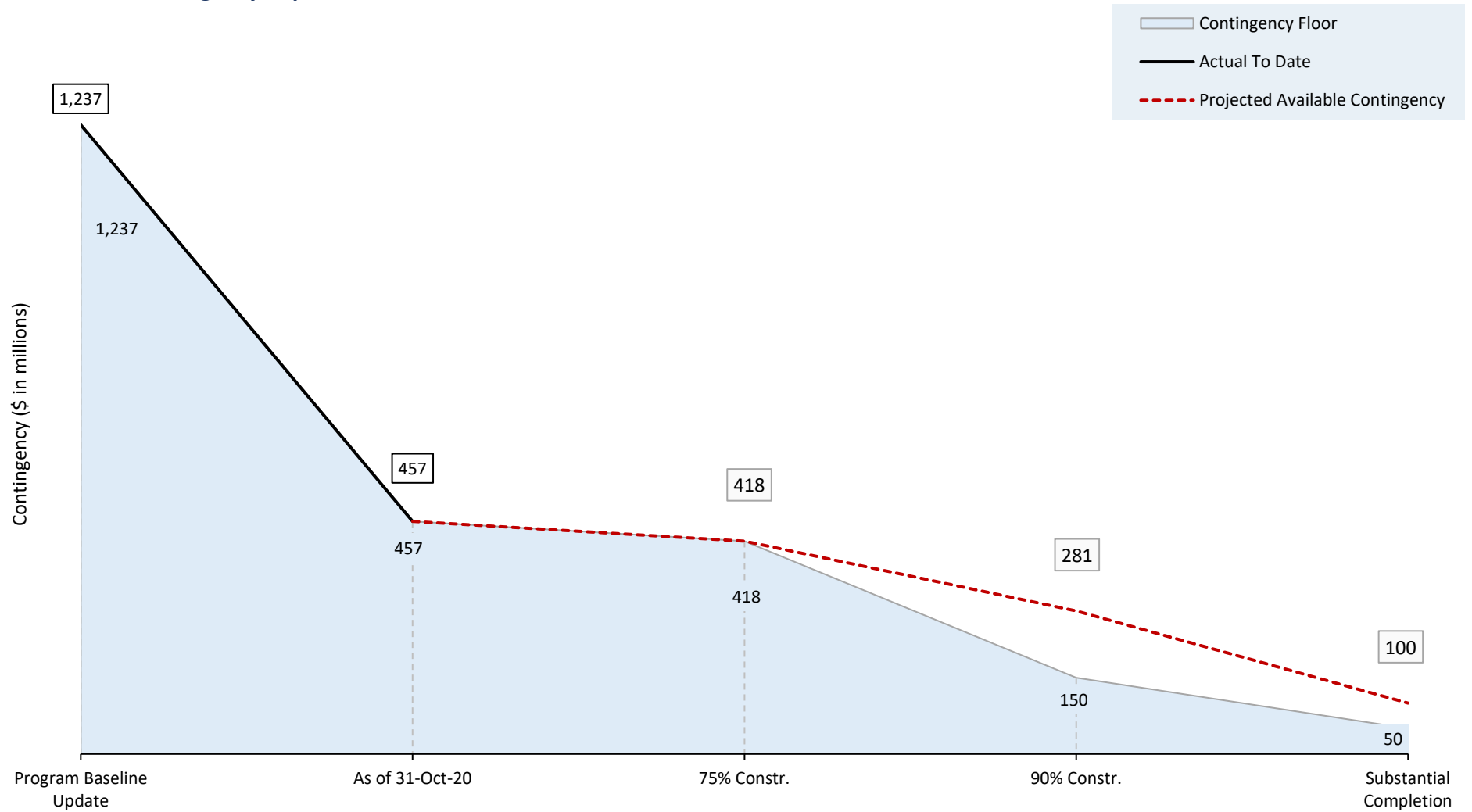
CP 1 – Executed Change Order Status

CP 1 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
00351	Westside Shoofly Design Modifications	Executed	\$33,101.00	03-Oct-20
00088.9	Environmental Staffing - Supplemental No 9	Executed	\$2,175,000.00	30-Oct-20
Total:			\$2,208,101.00	

CP 1 – Risk - Contingency Report

CP 1 – Risk - Contingency Report

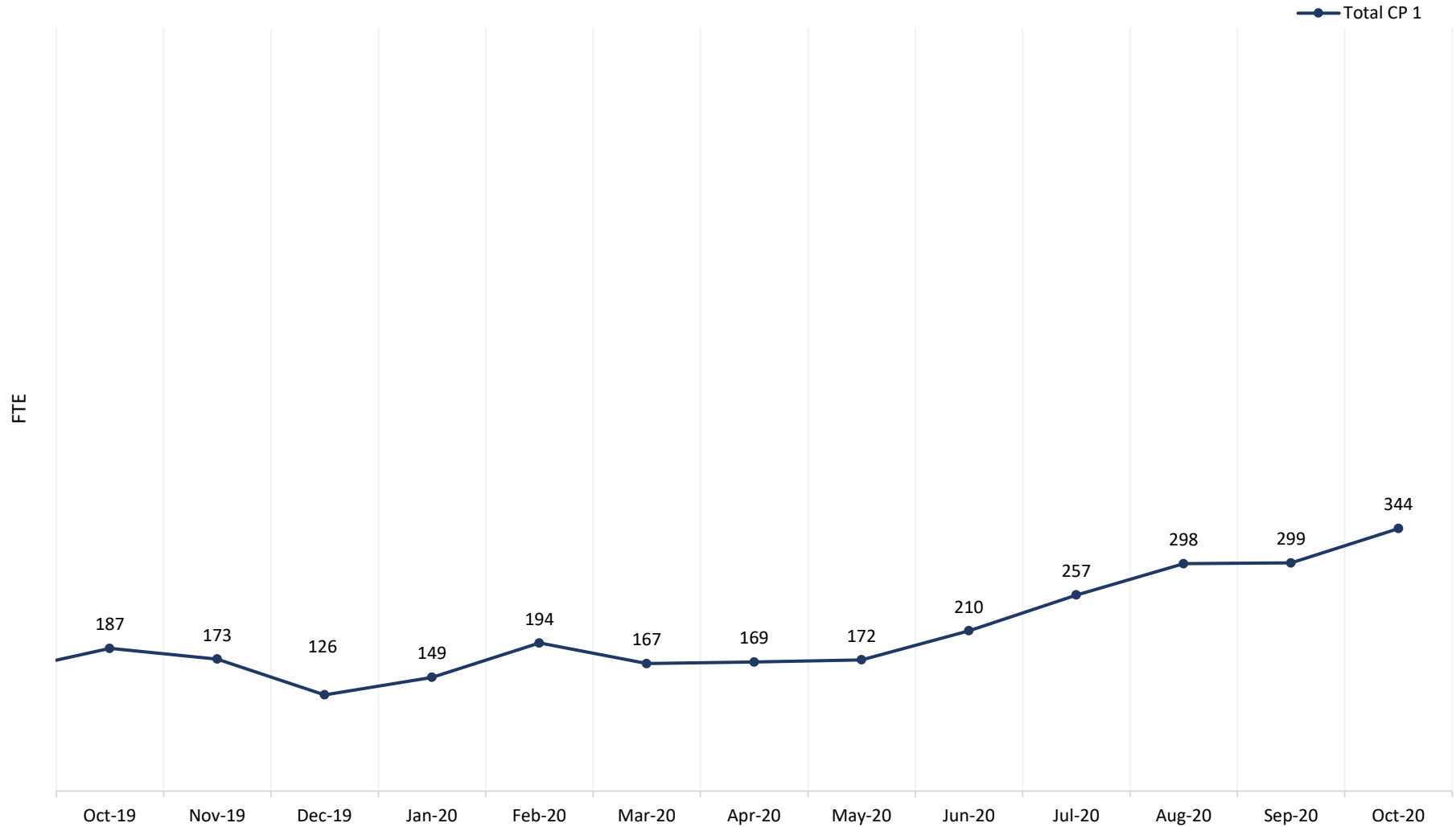


Notes:

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 October 31, 2020.
3. Remaining contingency balance reflects executed change orders only.

CP 1 – Monthly Construction Workforce Total

CP 1 – Monthly Construction Workforce Total – Actual

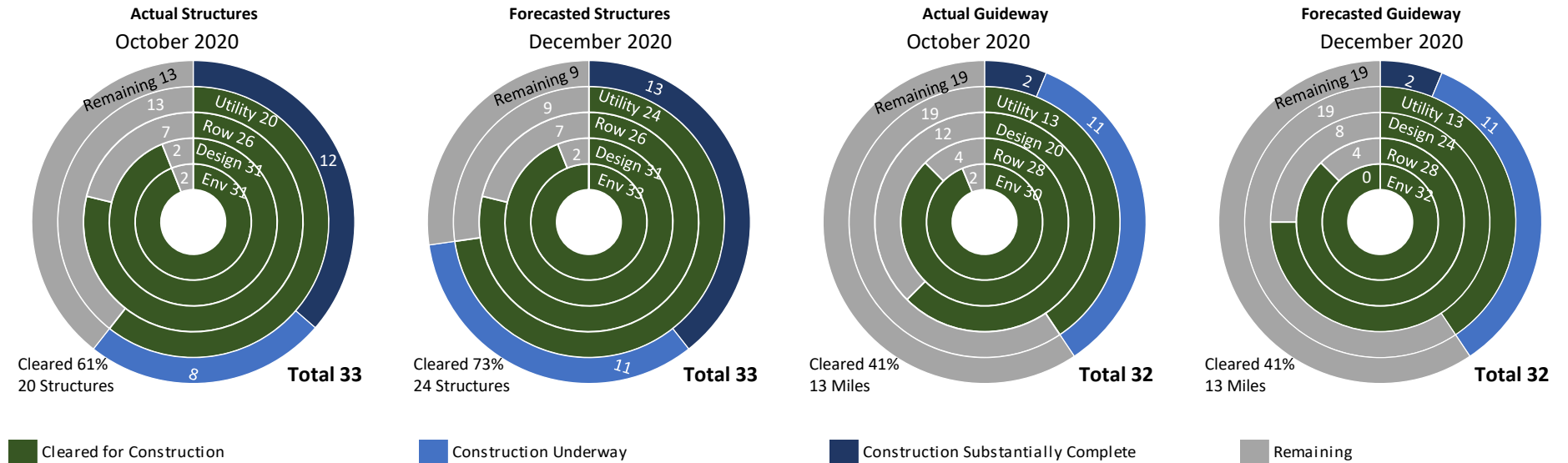


Notes:

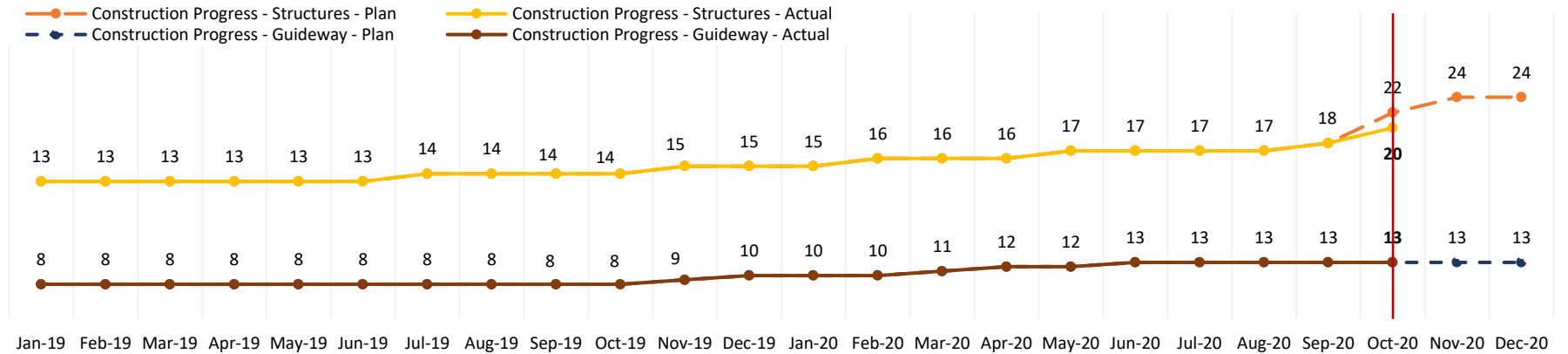
1. The Construction Labor numbers (Full-Time Employees) are based on the working calendar month.
2. The December 2019 reporting number shows a sharp decrease due to the holiday week of December 23rd through December 31st.
3. The data from October 2019 to April 2020 was previously presented with data from each month's final week. The data has been updated to represent more accurately the overall total on a per working calendar month average status.

CP 1 – Construction Progress

CP 1 – Construction Progress



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

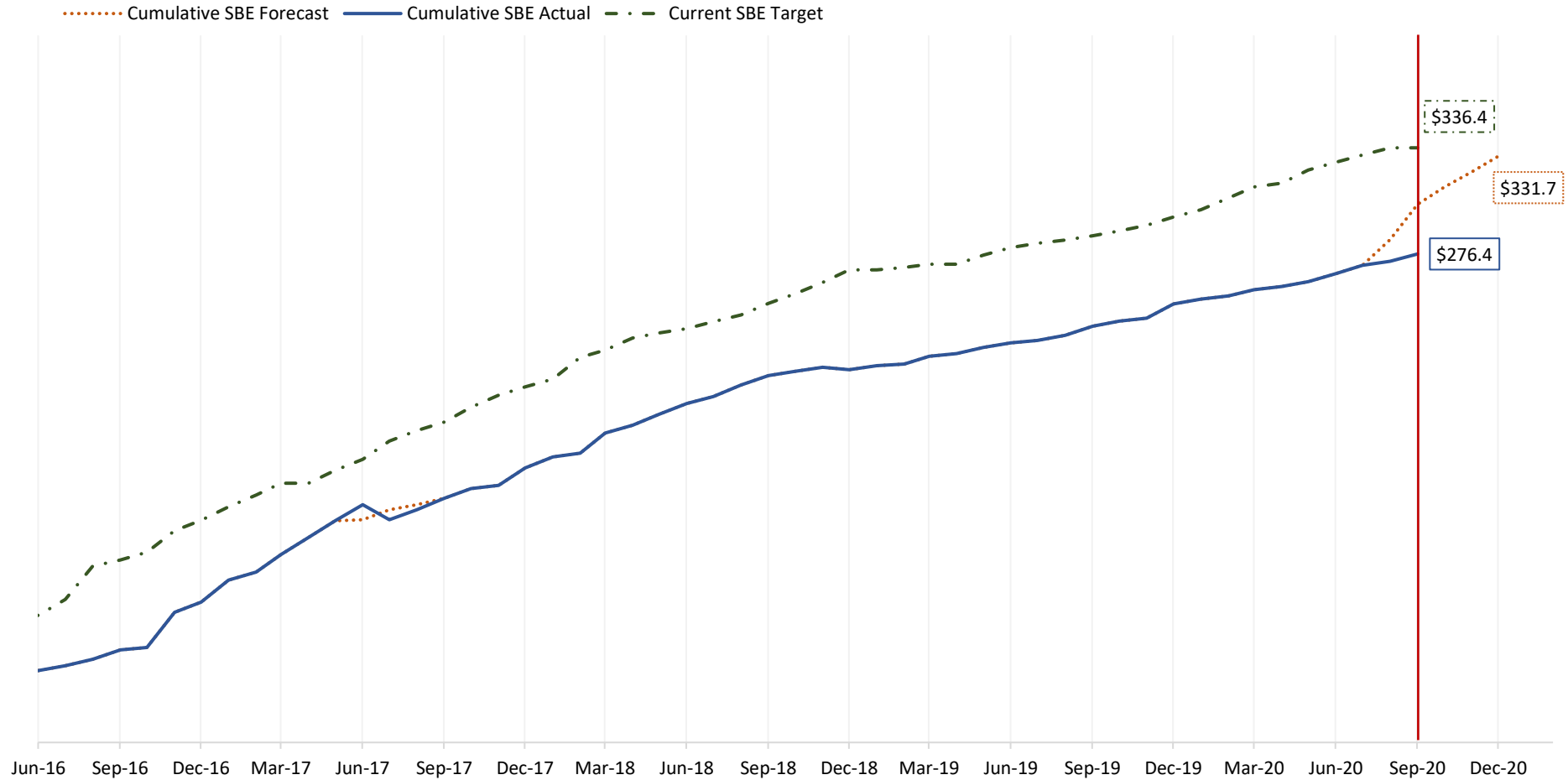


Notes:

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. The Forecasted Structures and Guideway are based on the Authority's conditional acceptance of CP 1's Revised Baseline Schedule (RBS) as of October 2020.
4. The Forecasted Structures and Guideway for December 2020 has been adjusted to the midpoint date.
5. Avenue 15 ½ was delayed due to delays in PG&E utility relocations (2 of 3 completed). Belmont Avenue resequencing discussions underway.

CP 1 – Small Business Enterprise

TPZP CP-1 – Historical Progress Toward 30% SB Goal Based on Paid to Date Values (\$M)



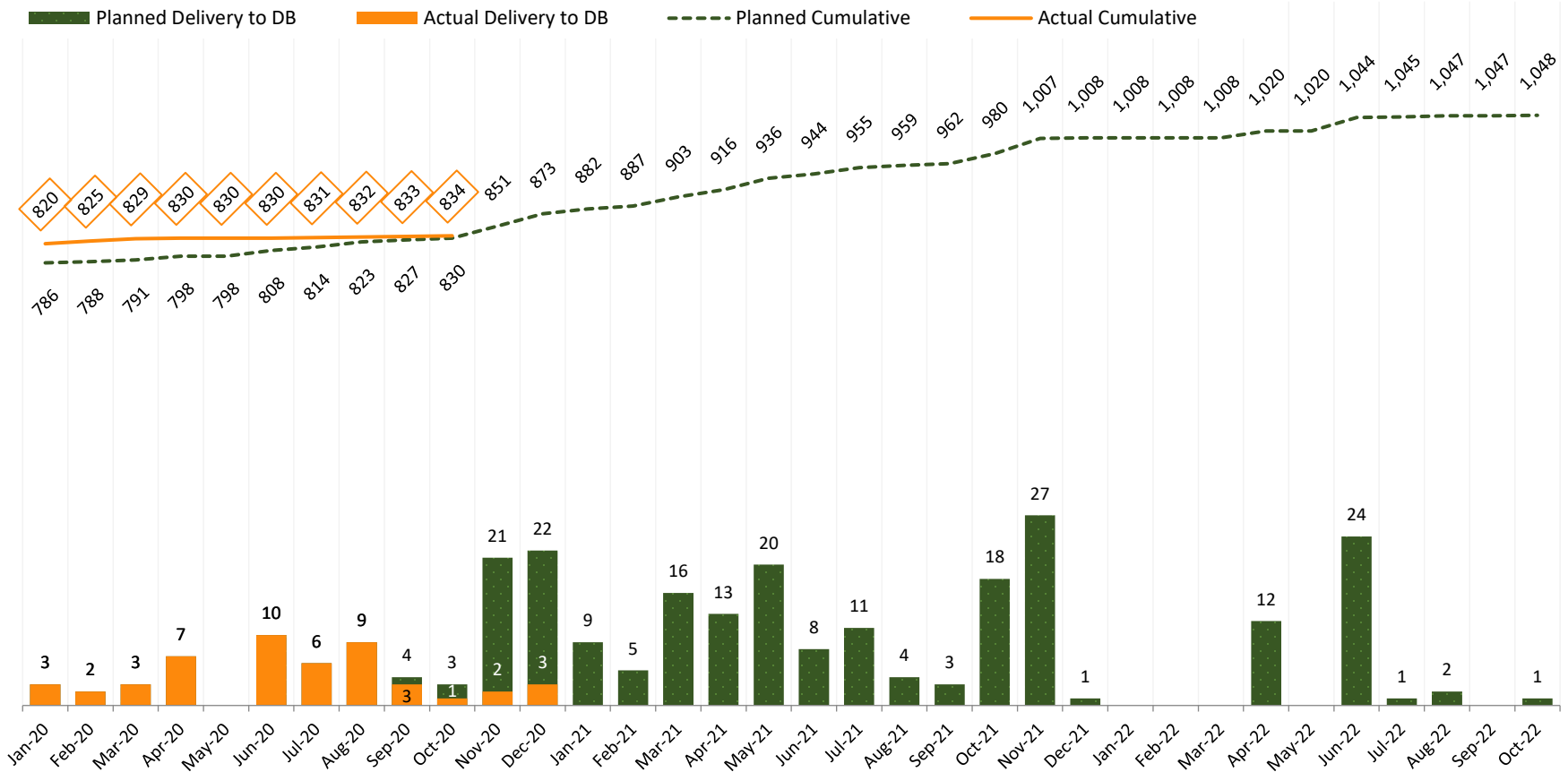
Notes:

1. Number of Small Business Enterprise Awarded Contracts: 137.
2. Value of overall Small Business Goal (30%): \$677.9M.
3. Value of Current Small Business Enterprise Awarded Contracts: \$508.9M
4. Value of Small Business expended: \$276.4M.
5. 30% Goal Value for Small Business expended: \$336.4M.
6. Small Business Enterprise Utilization percentage based on Contractor Invoices Paid to Date: 24.6%.
7. Small Business Enterprise Utilization towards Value of overall Small Business Goal: 41%.
8. Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.

CP 1 – ROW Summary

Construction Package	Total Needed Parcels October 31, 2020	Total Parcels Delivered to Date October 31, 2020	Remaining Parcels to be Delivered October 31, 2020
CP 1	1,048	834	214

CP 1 – Parcel Delivery to DB Summary

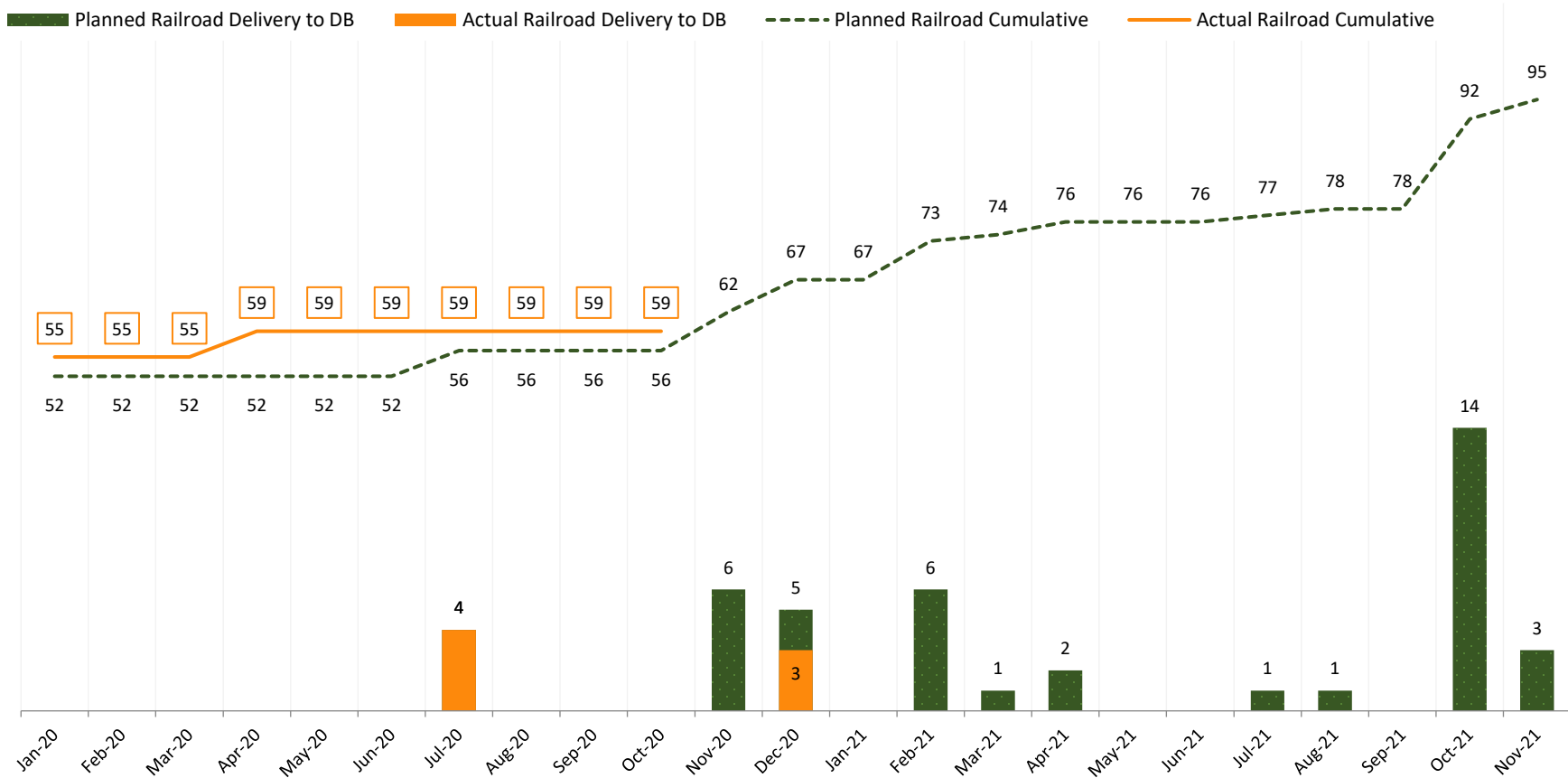


- Notes:**
1. This reflects the current Revised Baseline Schedules (RBSs) for CP 1.
 2. Planned Delivered to DB parcels may be adjusted periodically based on continued refinement of the RBS.
 3. Actual cumulative line for October 2020 reflects delivered parcels that are forecasted in future months.
 4. Two of the three parcels remaining for September and October were delivered to the DB in early November. A Right-of-Way agreement was executed on the third and projected to be delivered to the DB in early December.

CP 1 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels October 31, 2020	Total Railroad Parcels Delivered to Date October 31, 2020	Remaining Railroad Parcels to be Delivered October 31, 2020
CP 1	95	59	36

CP 1 – Railroad Parcel Delivery to DB Summary



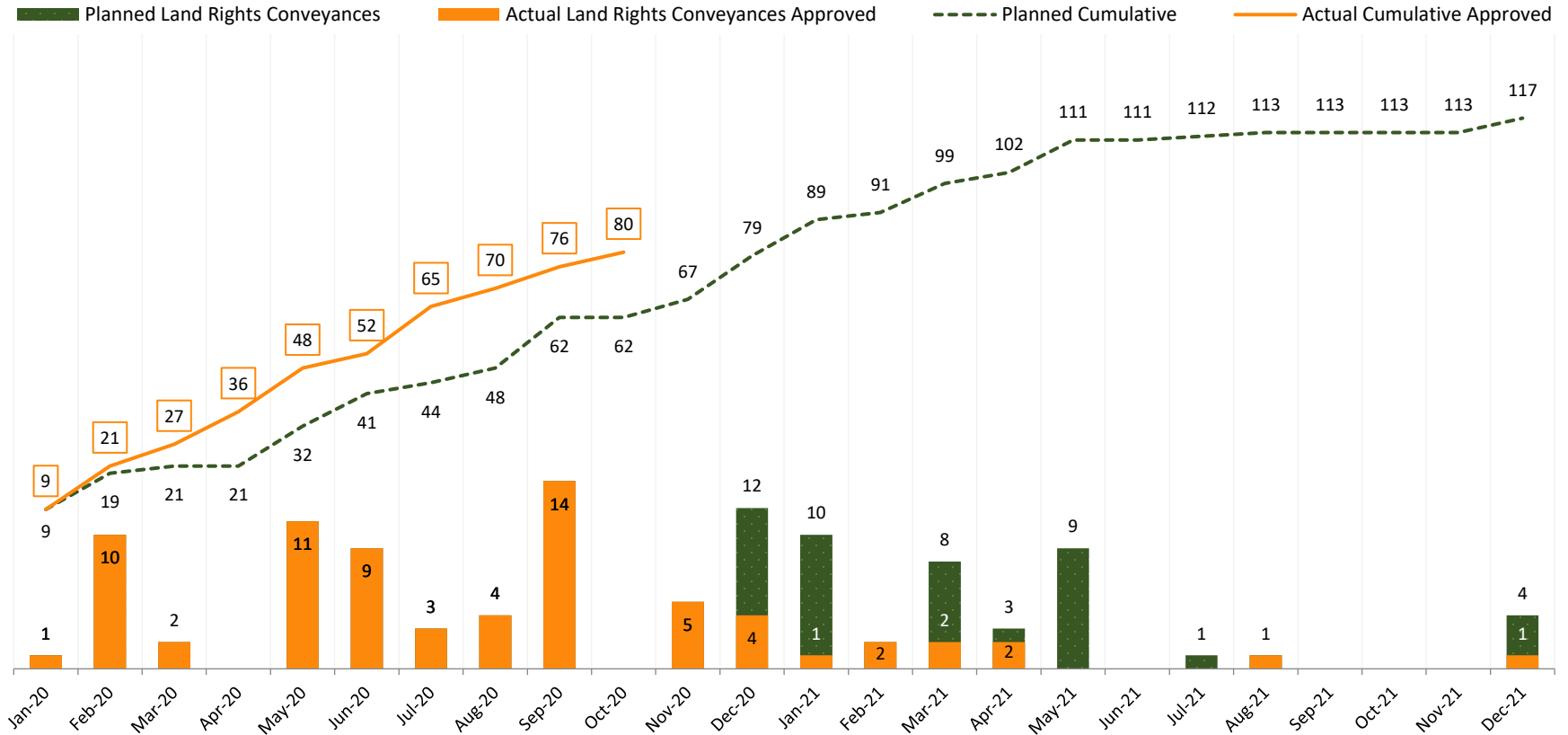
Notes:

1. This reflects the current Railroad Revised Baseline Schedules (RBSs) for CP 1.
2. Planned Railroad Delivery to DB parcels may be adjusted periodically based on continued refinement of the RBS.

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

Construction Package	Total Needed Land Right Conveyances October 31, 2020	Total Land Right Conveyances Approved ⁽⁵⁾ to Date October 31, 2020	Remaining Land Right Conveyances to be Approved October 31, 2020
CP 1	117	80	37

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



Notes:

1. This projection has been revised based on the Revised Baseline Schedules (RBSs).
2. The PG&E letter agreement (executed May 6, 2020) temporarily reclassified numerous critical land right conveyances as non-critical for construction and is reflected above.
3. Actual Cumulative for October 2020 includes completed land right conveyances that are forecasted in future months.
4. Planned land right conveyances were adjusted from last month's report due to continued refinement of the RBS.
5. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.
6. Total Needed Land Right Conveyances in CP 1 adjusted by one due to design optimization.

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 Contract Completion Date:	04/30/2022
Current Forecast Substantial Completion Date⁽²⁾:	12/18/2022

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:	\$704,212,587.00
Current Contract Amount:	\$2,069,548,477.00
Approved Invoices to Date ⁽¹⁾ :	\$1,245,064,500.26
Remaining Contract Balance:	\$824,483,976.74

Contract Time Status

Description	Duration ⁽³⁾
Original Contract Days:	1,486
Extension of Time Awarded:	1,284
Current Forecast Contract Days:	2,770
Work Days Spent (thru 10/31/2020):	1,925

Expended to Date

Description	Percentage
Time:	69.5%
Dollars:	60.2%

Growth Percentage

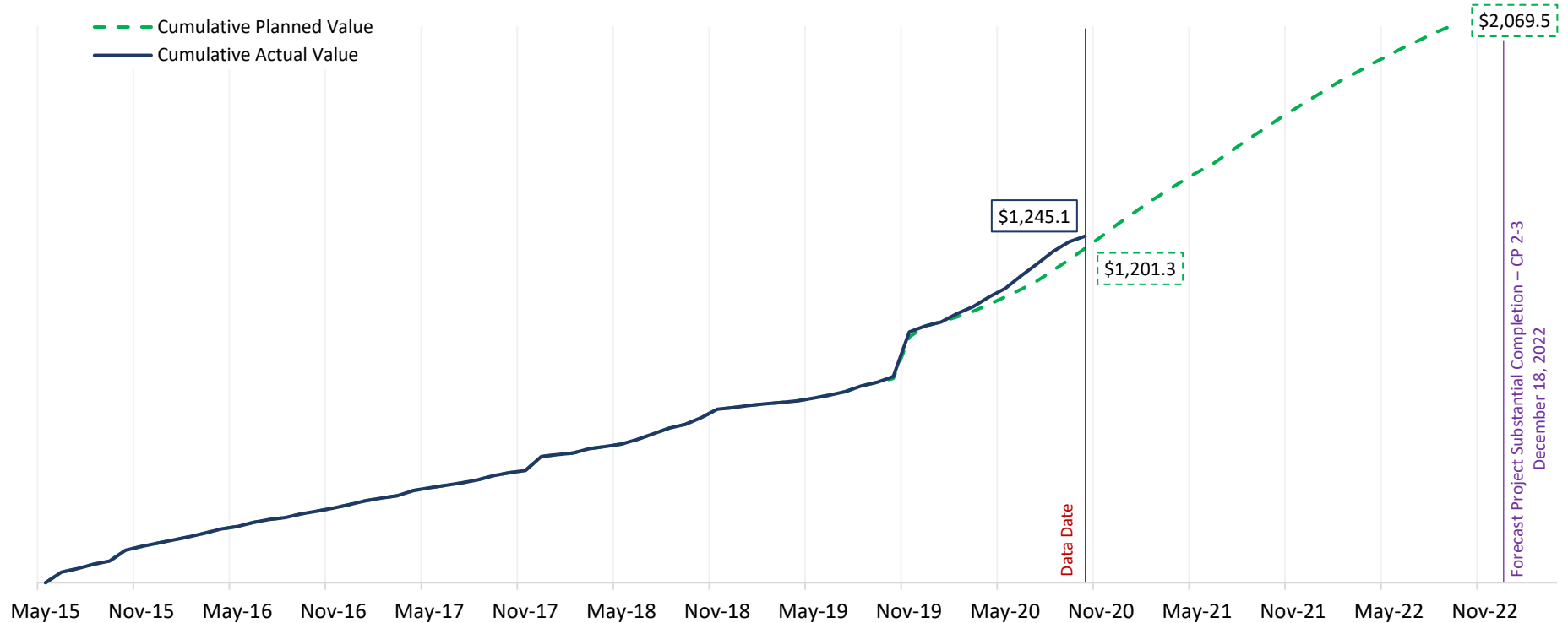
Description	Percentage
Time:	86.4%
Dollars:	51.6%

Notes:

1. Includes actuals through October 2020 and estimate for November 2020.
2. Current RBS Substantial Completion Forecast Date (Pending executed change order letter issuance) – December 18, 2022.
3. Calendar Days.

CP 2-3 – Earned Value

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



CP 2-3 – Projected Milestones

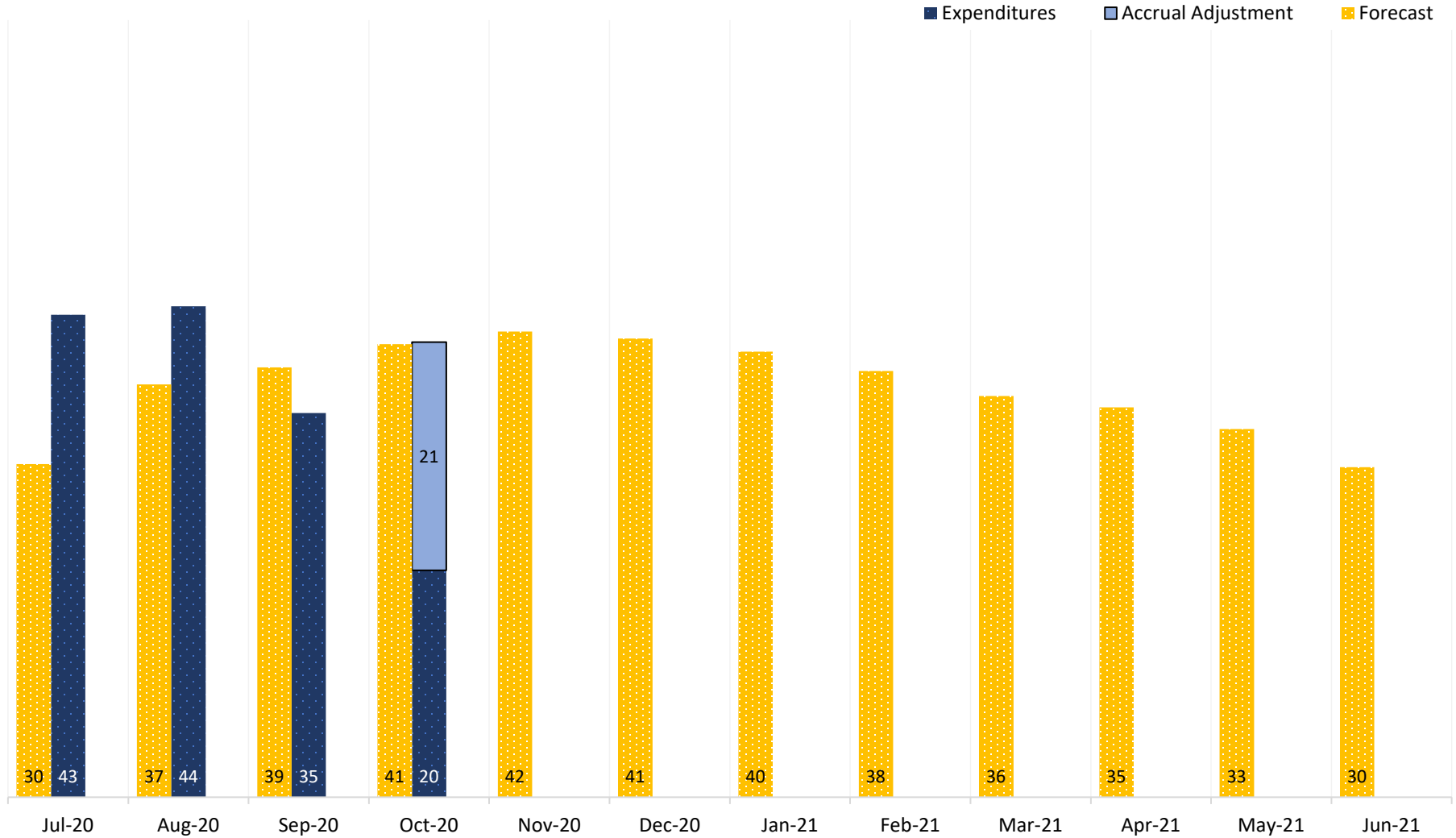
Milestone	Date
Main Design Complete	Dec-20 ⁽³⁾
ROW Critical Parcels Acquisition Complete	Jan-21

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

- Notes:**
- The Planned Value and Contract Substantial Completion Date are based on the CP 2-3 Proposed Revised Baseline Schedule as of July 2020. This is expected to be refined as future change orders are issued.
 - The Current Contract Value does not include unexecuted change orders including Project 517, the latest TIA settlement, and IPB change orders.
 - Main Design has been pushed to December 2020 as the DB, PCM, Caltrans and BNSF address design delays for the utility relocations, which is critically impacting the schedules.

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

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



Notes:

- Expenditures in the chart above are specific to the Design-Builder production and based on the PCM certified invoices and do not include accrual adjustments. However, the Capital Outlay Report reflects an adjustment of \$20.6M to September Accruals resulting in an adjusted October invoice amount of \$20.4M.
- The projections are being monitored against the conditional acceptance of CP 2-3’s Revised Baseline Schedule (RBS) as of October 2020.

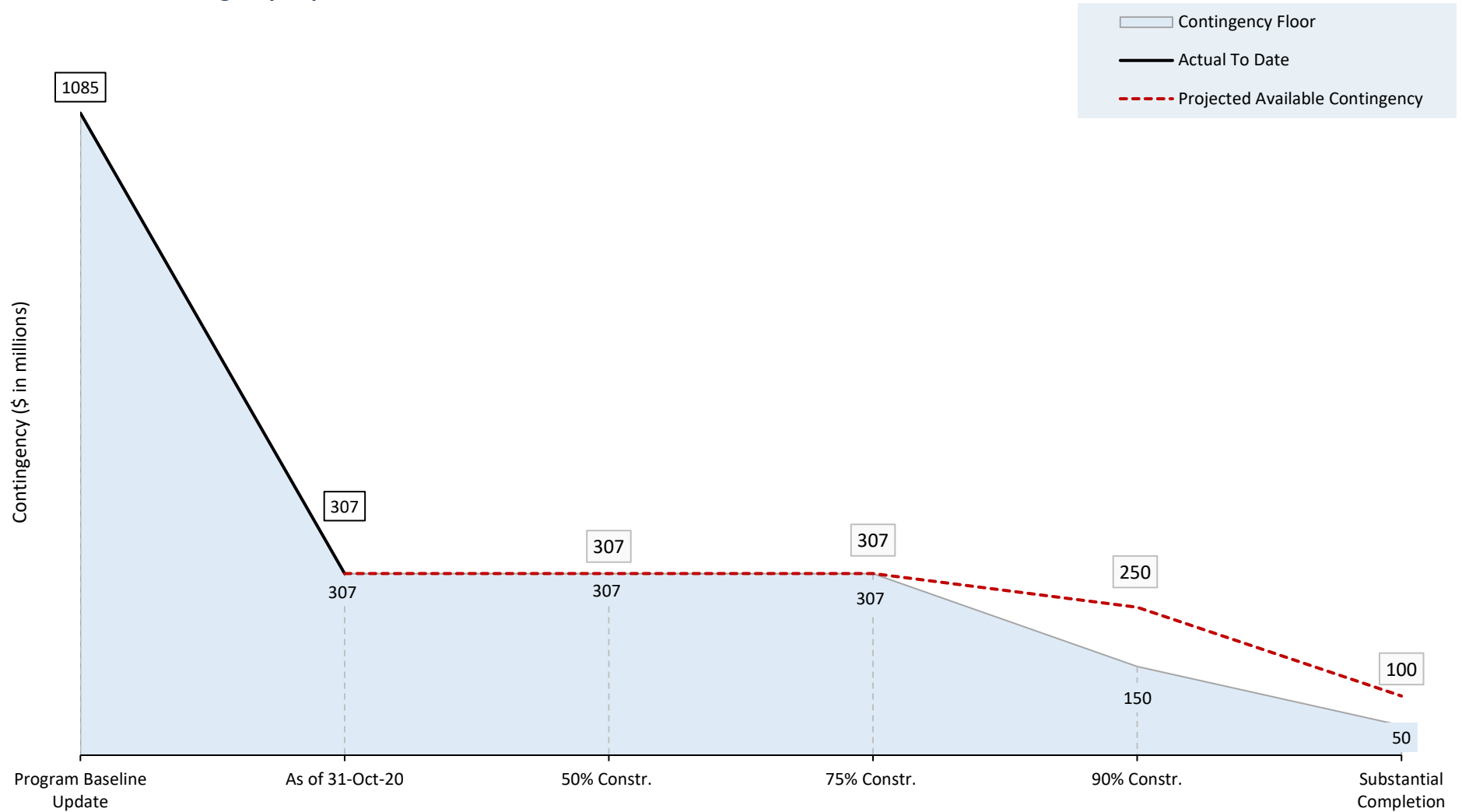
CP 2-3 – Executed Change Order Status

CP 2-3 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
00092	GTC – Drive Pile at Excelsior Avenue	Executed	\$238,150.00	02-Oct-20
00164	Hanford Viaduct	Executed	\$7,206,869.00	05-Oct-20
00168	Extended Environmental Scope - Dudek	Executed	\$4,930,386.00	05-Oct-20
00175	Hanford Viaduct Design	Executed	\$5,089,302.00	08-Oct-20
00182	Additional Efforts for GBR-C	Executed	\$2,765,276.00	08-Oct-20
00184	Corcoran ID Hatching	Executed	\$95,984.00	12-Oct-20
00178	Salvador South	Executed	\$109,020.00	12-Oct-20
00171	KCO Settlement Redesign	Executed	\$142,703.00	12-Oct-20
00172	Early Start Work - Disk First 6-Miles	Executed	\$613,164.00	12-Oct-20
0086.11	Private Irrigation Crossings S2	Executed	\$1,548,756.00	12-Oct-20
00187	Tied Arch Bridge – Pt. 2	Executed	\$1,066,898.00	13-Oct-20
00183	Silveira Box Culvert at Avenue 156	Executed	\$56,287.00	16-Oct-20
00174	Agricultural Debris - ROW FB10-0446	Executed	\$11,648.00	23-Oct-20
00045.12	Escalation Costs - August 2020	Executed	\$1,000,635.00	27-Oct-20
0086.13	Private Irrigation Crossings S2	Executed	\$919,540.00	31-Oct-20
Total:			\$25,794,618.00	

CP 2-3 – Risk - Contingency Report

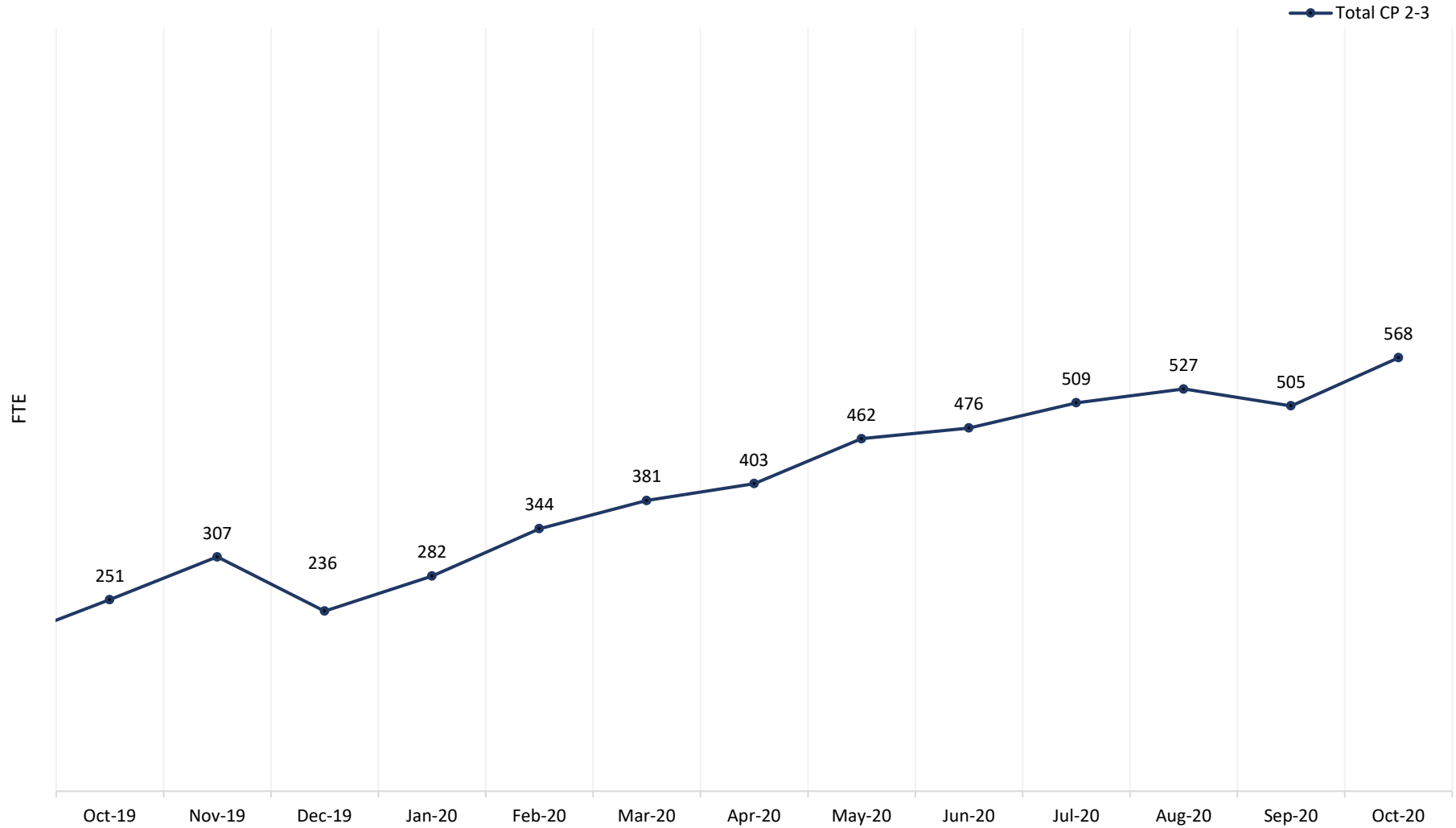
CP 2-3 – Risk - Contingency Report



- 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 October 31, 2020.
 3. Remaining contingency balance reflects executed change orders only.

CP 2-3 – Monthly Construction Workforce Total

CP 2-3 – Monthly Construction Workforce Total – Actual

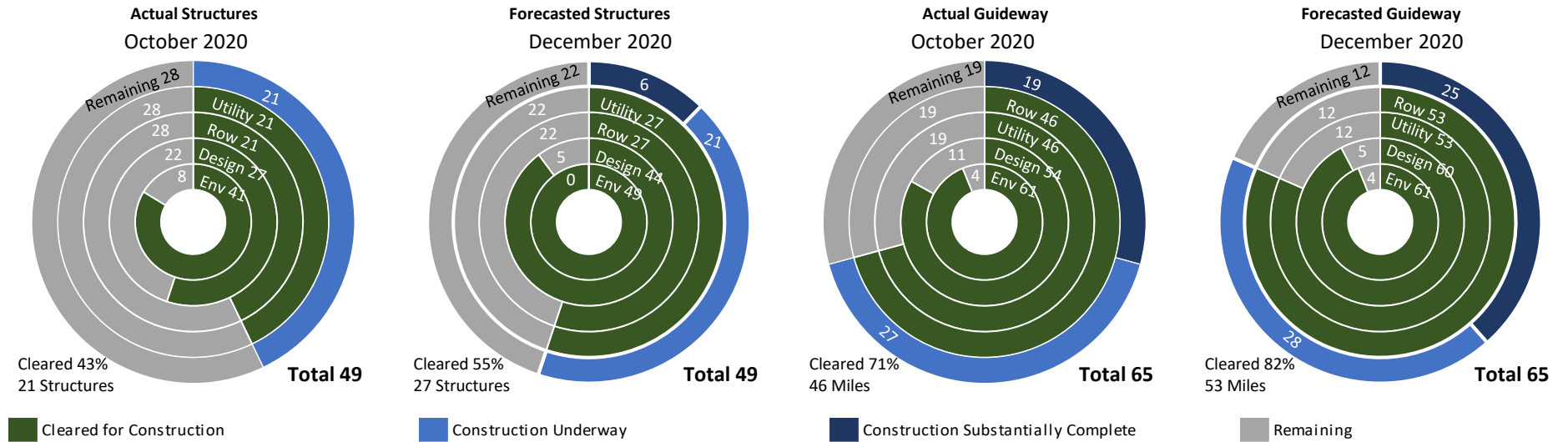


Notes:

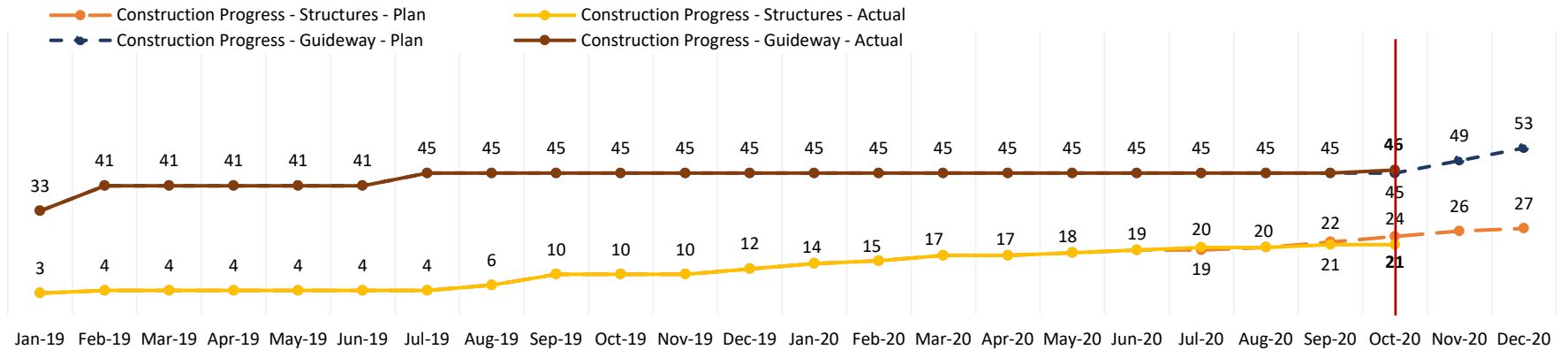
1. The Construction Labor numbers (Full-Time Employees) are based on the working calendar month.
2. The December 2019 reporting number shows a sharp decrease due to the holiday week of December 23rd through December 31st.
3. The data from October 2019 to April 2020 was previously presented with data from each month's final week. The data has been updated to represent more accurately the overall total on a per working calendar month average status.

CP 2-3 – Construction Progress

CP 2-3 – Construction Progress



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

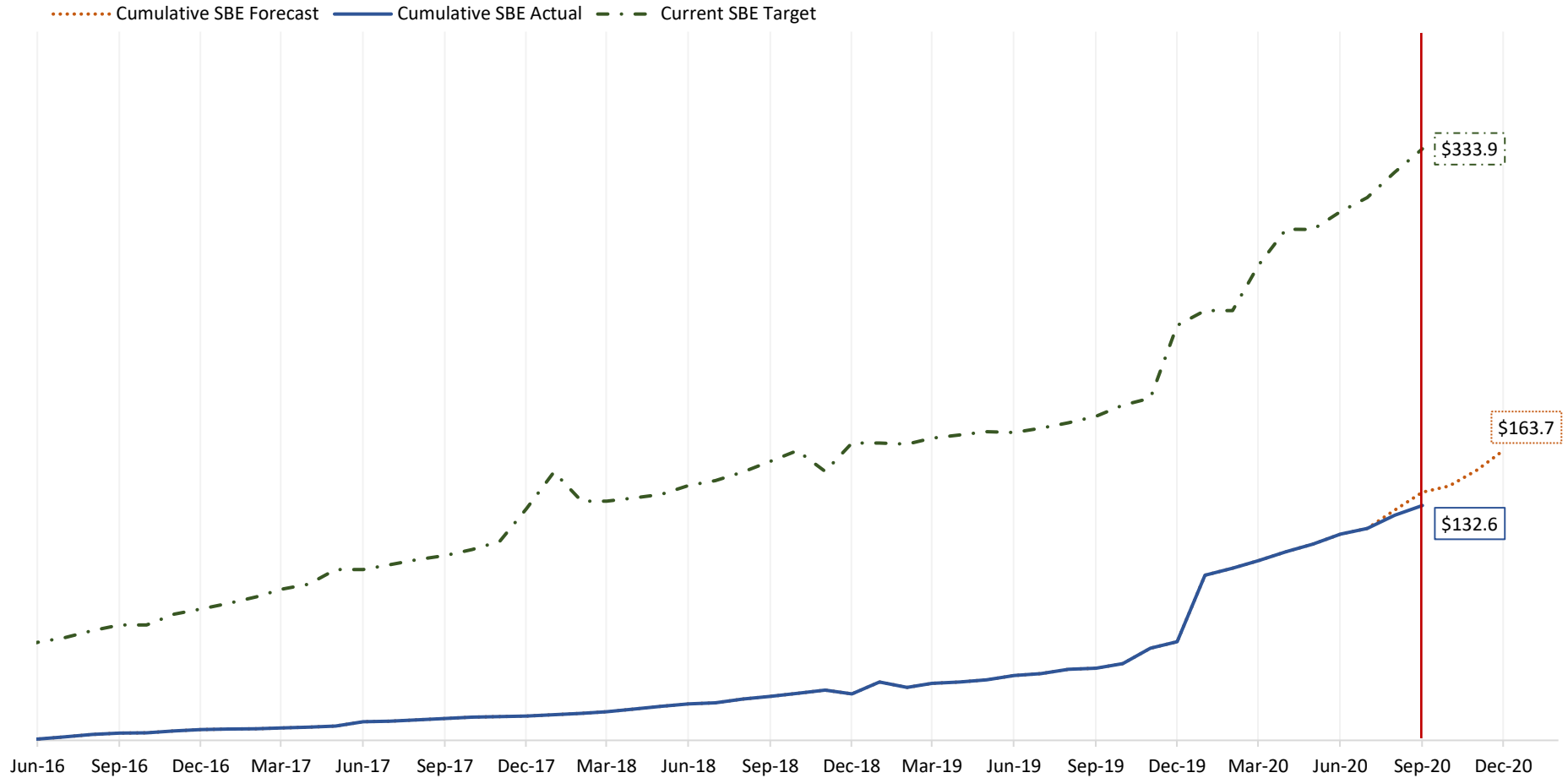


Notes:

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. The Forecasted Structures and Guideway are based on the Authority's conditional acceptance of CP 2-3's Revised Baseline Schedule (RBS) as of October 2020.
4. Deer Creek Viaduct and Avenue 136 were delayed by ROW. Avenue 24 is scheduled to start in December.

CP 2-3 – Small Business Enterprise

DFJV CP 2-3 – Historical Progress Toward 30% SB Goal Based on Paid to Date Values (\$M)



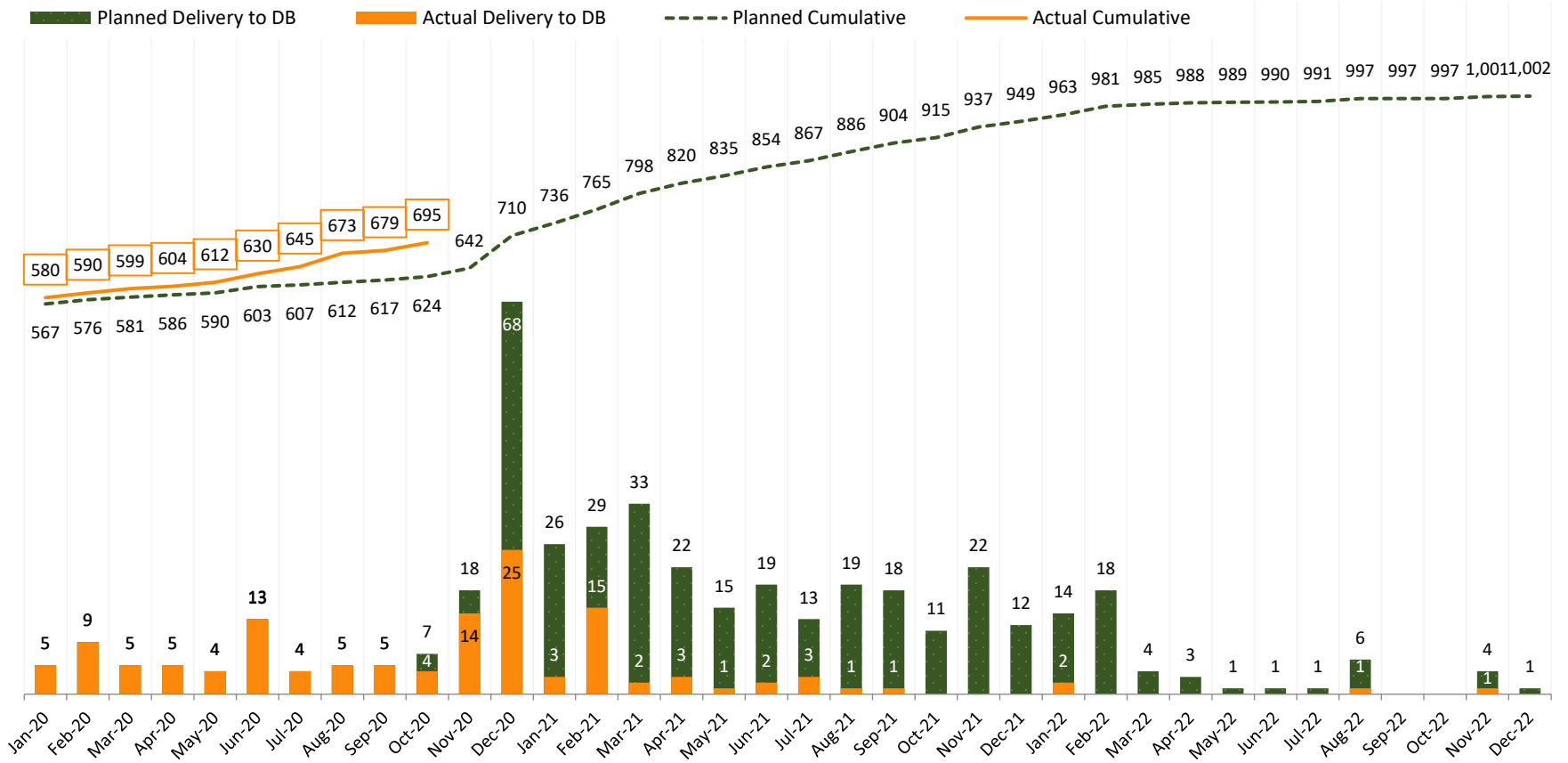
Notes:

1. Number of Small Business Enterprise Awarded Contracts: 202.
2. Value of overall SB Goal (30%): \$592.3M.
3. Value of Current Small Business Enterprise Awarded Contracts: \$367.2M (+\$19M from August 2020).
4. Value of Small Business expended: \$132.6M (+\$5.4M from August 2020).
5. 30% Goal Value for Small Business expended: \$592.3M.
6. Small Business Enterprise Utilization percentage based on Contractor Invoices Paid to Date: 11.9%.
7. Small Business Enterprise Utilization towards Value of overall Small Business Goal: 22%.
8. Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.

CP 2-3 – ROW Summary

Construction Package	Total Needed Parcels October 31, 2020	Total Parcels Delivered to Date October 31, 2020	Remaining Parcels to be Delivered October 31, 2020
CP 2-3	1,002	695	307

CP 2-3 – Parcel Delivery to DB Summary



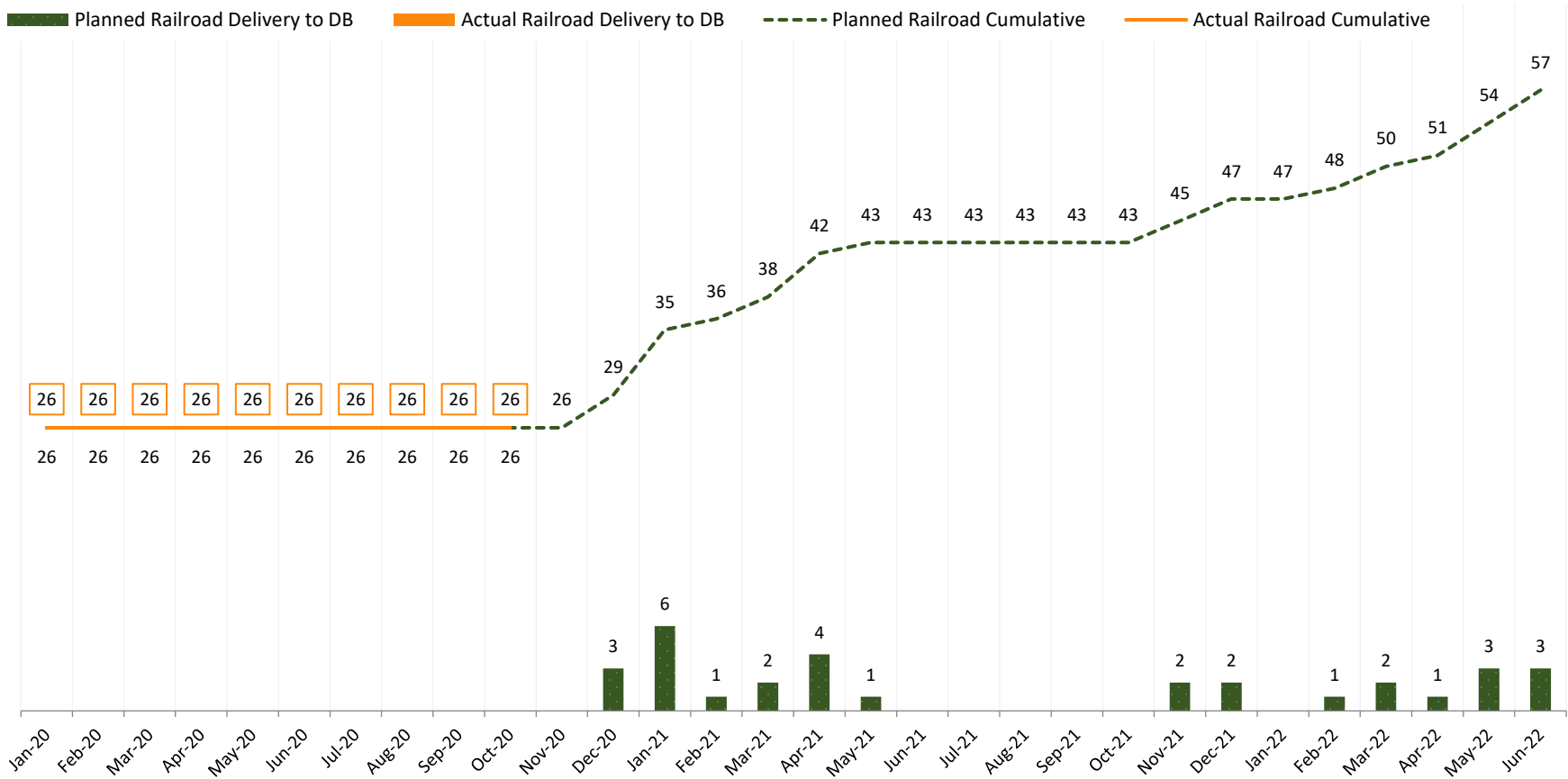
Notes:

1. This reflects the current Revised Baseline Schedules (RBSs) for CP 2-3.
2. Planned Delivered to DB parcels may be adjusted periodically based on continued refinement of the RBS.
3. Actual cumulative line for October 2020 reflects delivered parcels that are forecasted in future months.
4. The DB is performing out of sequence work to mitigate the construction schedule regarding three parcels.

CP 2-3 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels October 31, 2020	Total Railroad Parcels Delivered to Date October 31, 2020	Remaining Railroad Parcels to be Delivered October 31, 2020
CP 2-3	57	26	31

CP 2-3 – Railroad Parcel Delivery to DB Summary



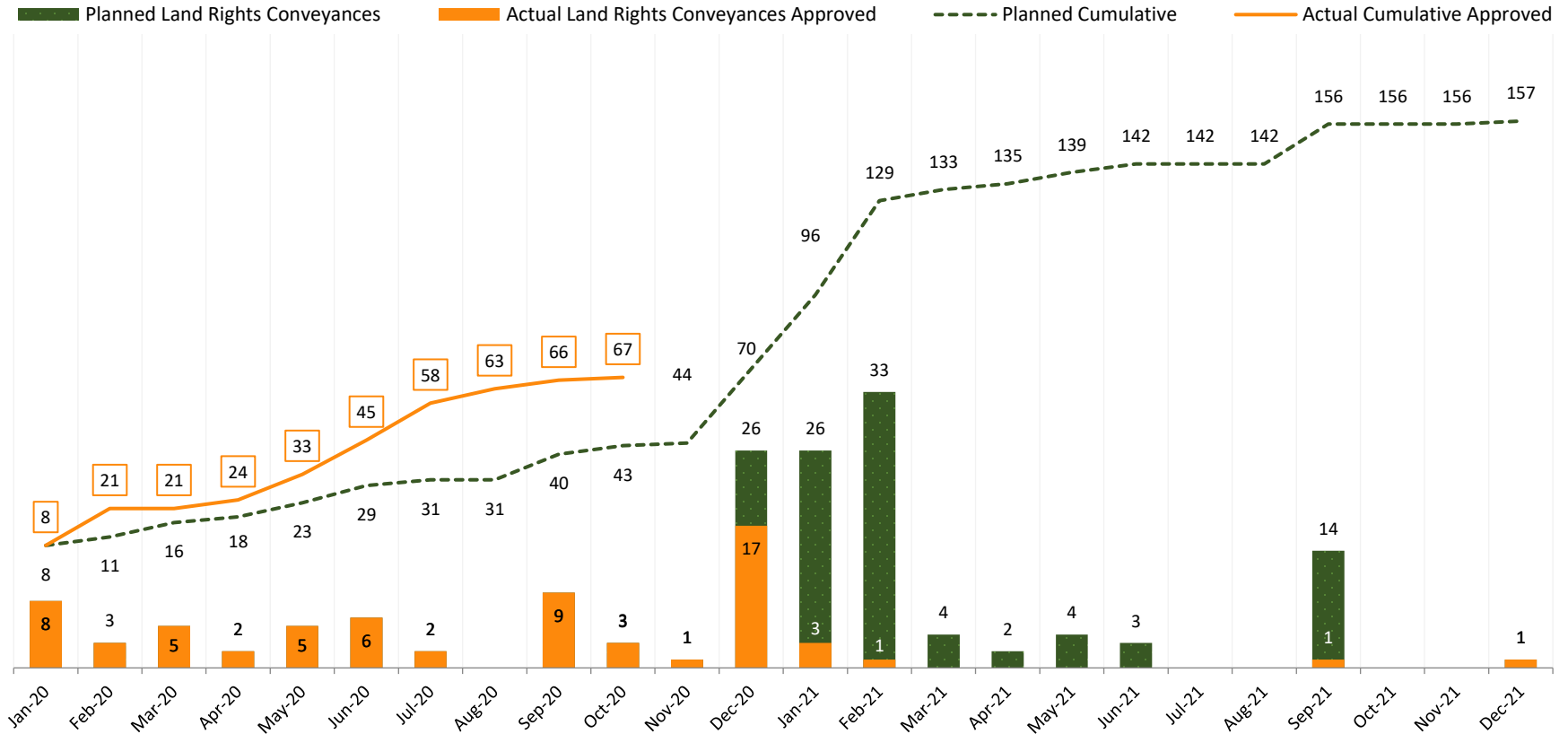
Notes:

1. This reflects the current Railroad Revised Baseline Schedules (RBSs) for CP 2-3.
2. Planned Delivered to DB parcels may be adjusted periodically based on continued refinement of the RBS.

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

Construction Package	Total Needed Land Right Conveyances October 31, 2020	Total Land Right Conveyances Approved ⁽⁵⁾ to Date October 31, 2020	Remaining Land Right Conveyances to be Approved October 31, 2020
CP 2-3	157	67	90

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



Notes:

1. This projection has been revised based on the Revised Baseline Schedules (RBSs).
2. The PG&E letter agreement (executed May 6, 2020) temporarily reclassified numerous critical land right conveyances as non-critical for construction and is reflected above.
3. Actual Cumulative for October 2020 includes completed land right conveyances that are forecasted in future months.
4. Planned land right conveyances were adjusted from last month's report due to continued refinement of the RBS.
5. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.

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 Contract Completion Date:	06/30/2021
Current Forecast Substantial Completion Date⁽²⁾:	12/15/2021

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:	\$163,697,987.93
Current Contract Amount:	\$607,944,987.93
Approved Invoices to Date ⁽¹⁾ :	\$375,394,328.00
Remaining Contract Balance:	\$232,550,659.93

Contract Time Status

Description	Duration ⁽³⁾
Original Contract Days:	1,144
Extension of Time Awarded:	987
Current Forecast Contract Days:	2,131
Work Days Spent (thru 10/31/2020):	1,659

Expended to Date

Description	Percentage
Time:	77.9%
Dollars:	61.7%

Growth Percentage

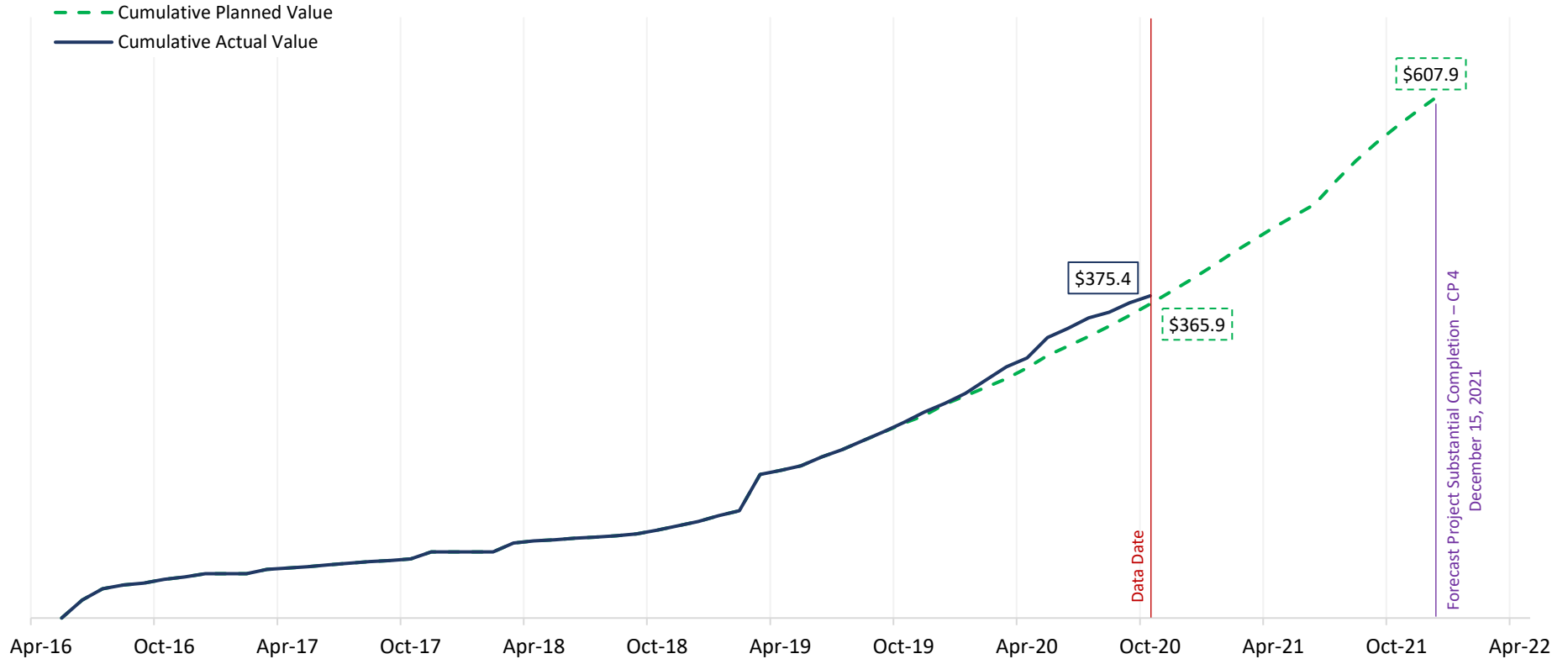
Description	Percentage
Time:	86.3%
Dollars:	36.8%

Notes:

1. Includes actuals through October 2020 and estimate for November 2020.
2. Current RBS Substantial Completion Forecast Date (Pending executed change order letter issuance) – December 15, 2021.
3. Calendar Days.

CP 4 – Earned Value

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



CP 4 – Projected Milestones

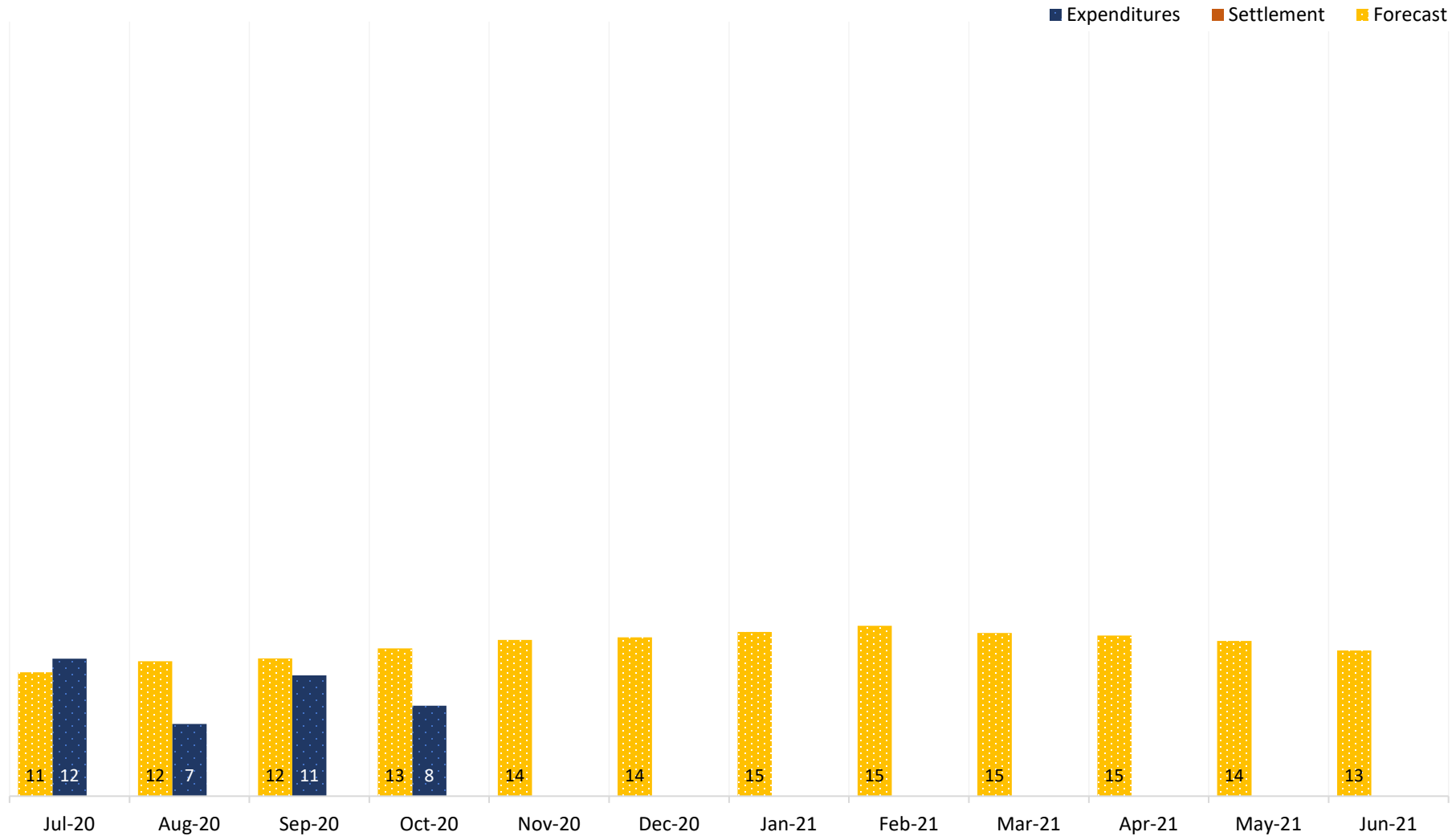
Milestone	Date
Main Design Complete	Feb-20 (Complete)
ROW Acquisition Complete	Dec-20

Milestone	Date
Environmental Clearance Complete	Nov-20 ⁽³⁾
Utility Relocation Complete	Mar-21

- Notes:**
- The above contract value does not include unexecuted change orders including SR-46 BNSF structure.
 - Environmental Clearance on lands requiring utility relocations delayed from July 2020 to November 2020 pending issuance of ITP Amendment, per California Rail Builders (CRB).
 - The Planned Value and Contract Substantial Completion Date (December 2021) are based on the Authority’s conditional acceptance of CP 4’s Revised Baseline Schedule (RBS) as of July 2020. This is expected to be refined as future change orders are issued and finalized.

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 PCM certified invoice and do not include accrual adjustments.
2. The projections are being monitored against the conditional acceptance of CP 4's Revised Baseline Schedule (RBS) as of October 2020.
3. Additional design review and third-party requirements resulted in unanticipated delays in construction at State Route 46, Poso Avenue undercrossing, and Peterson Road overcrossing 2020.
4. Expenditures lower than forecasted due to delays in utility relocation works and pending Change Order for Intrusion Protection Barrier completed work.

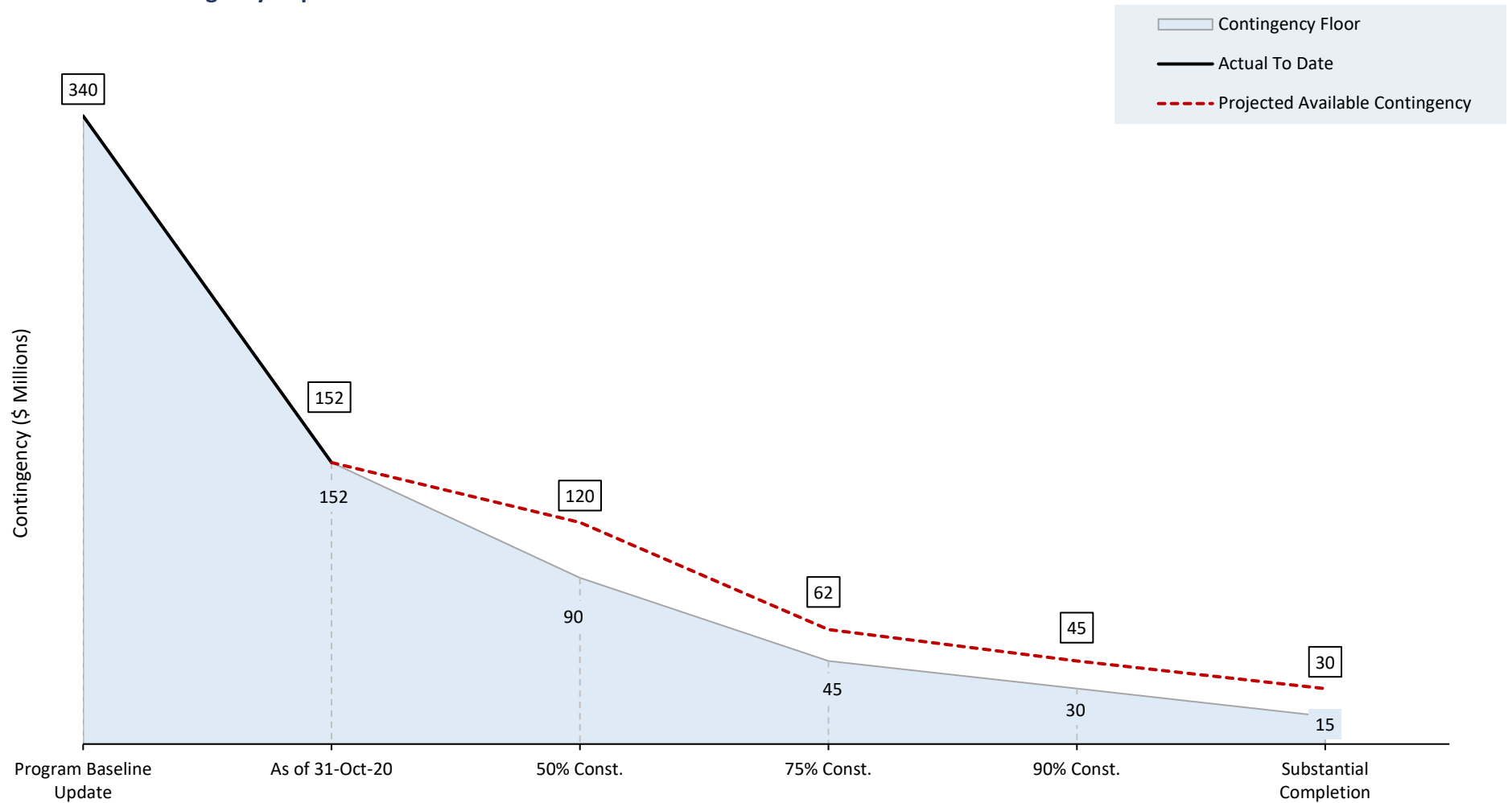
CP 4 – Executed Change Order Status

CP 4 – Executed Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
0081	SR-46 Additional Mobilization CIDH Piling Resequencing	Executed	\$250,783.60	07-Oct-20
0083	Additional Mitigation Girders Installation	Executed	\$623,712.78	29-Oct-20
0076	Canal 9-26 Mitigation Measures Construction of Temp Bypass	Executed	\$469,685.88	30-Oct-20
Total:			\$1,344,182.26	

CP 4 – Risk - Contingency Report

CP 4 – Risk - Contingency Report

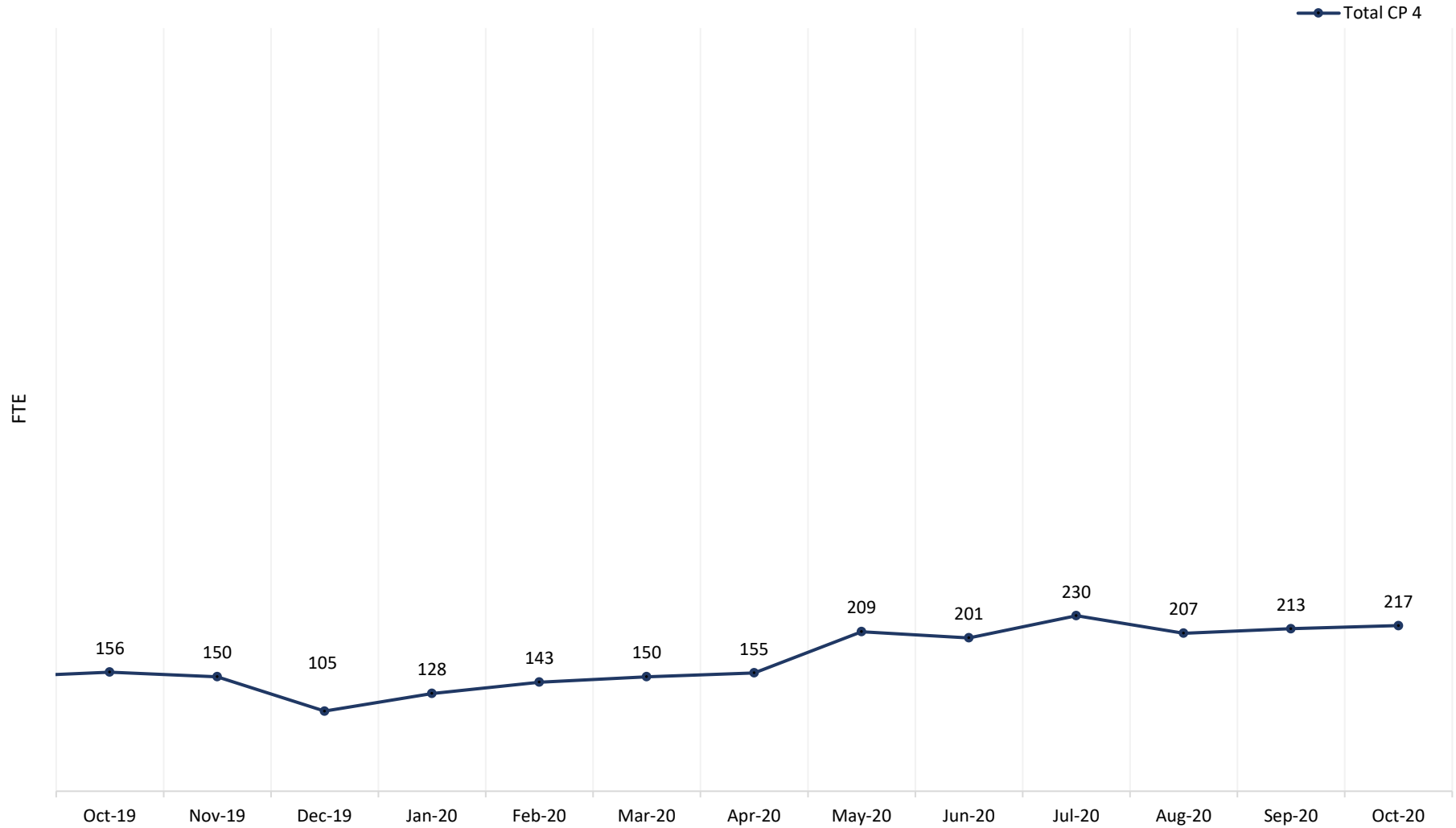


Notes:

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 October 31, 2020.
3. Remaining contingency balance reflects executed change orders only.

CP 4 – Monthly Construction Workforce Total

CP 4 – Monthly Construction Workforce Total – Actual

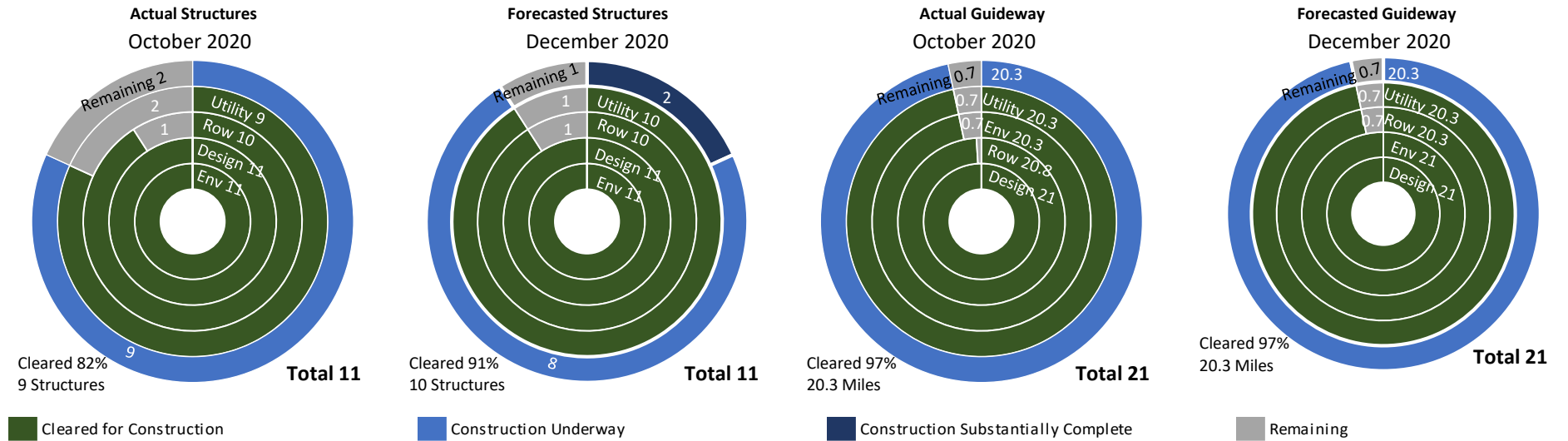


Notes:

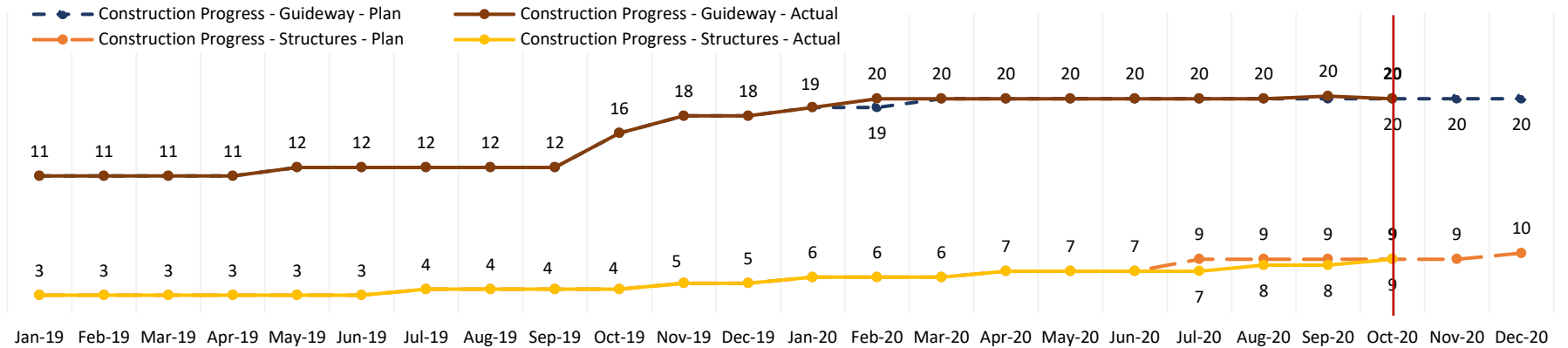
1. The Construction Labor numbers (Full-Time Employees) are based on the working calendar month.
2. The December 2019 reporting number shows a sharp decrease due to the holiday week of December 23rd through December 31st.
3. June 2020's total was overstated (225) and has been corrected to 201.
4. The data from October 2019 to April 2020 was previously presented with data from each month's final week. The data has been updated to represent more accurately the overall total on a per working calendar month average status.

CP 4 – Construction Progress

CP 4 – Construction Progress



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



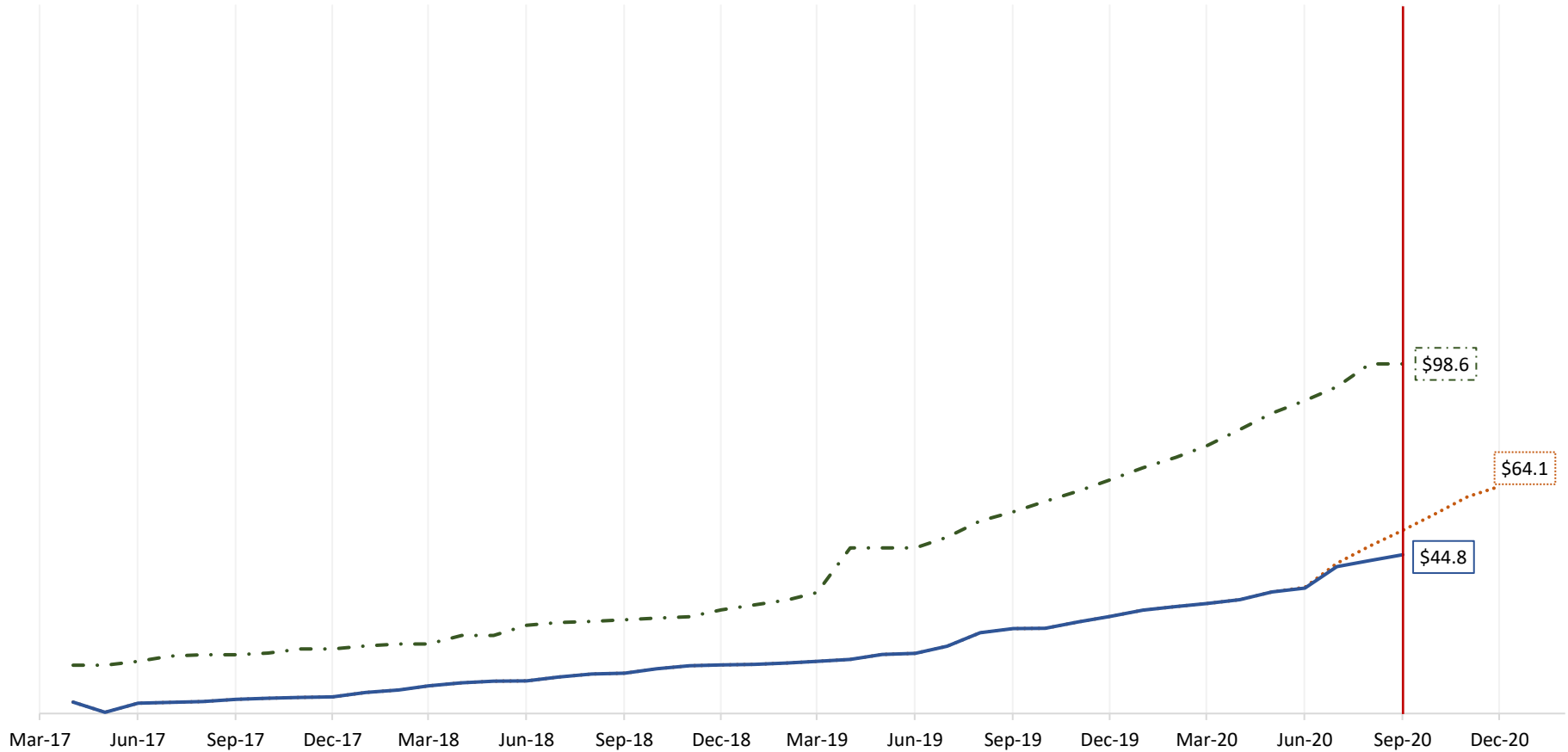
Notes:

1. Total Structures: 11 structures.
2. Total Guideway: 21 miles.
3. Actual Guideway progress for May 2020 was 19.8 miles. The graph reflects 20 miles due to the rounding up within the mathematical formula.
4. The Forecasted Structures and Guideway are based on the Authority's conditional acceptance of CP 4's Revised Baseline Schedule (RBS) as of October 2020.

CP 4 – Small Business Enterprise

CRB CP-4 – Historical Progress Toward 30% SB Goal Based on Paid to Date Values (\$M)

..... Cumulative SBE Forecast — Cumulative SBE Actual - - - Current SBE Target



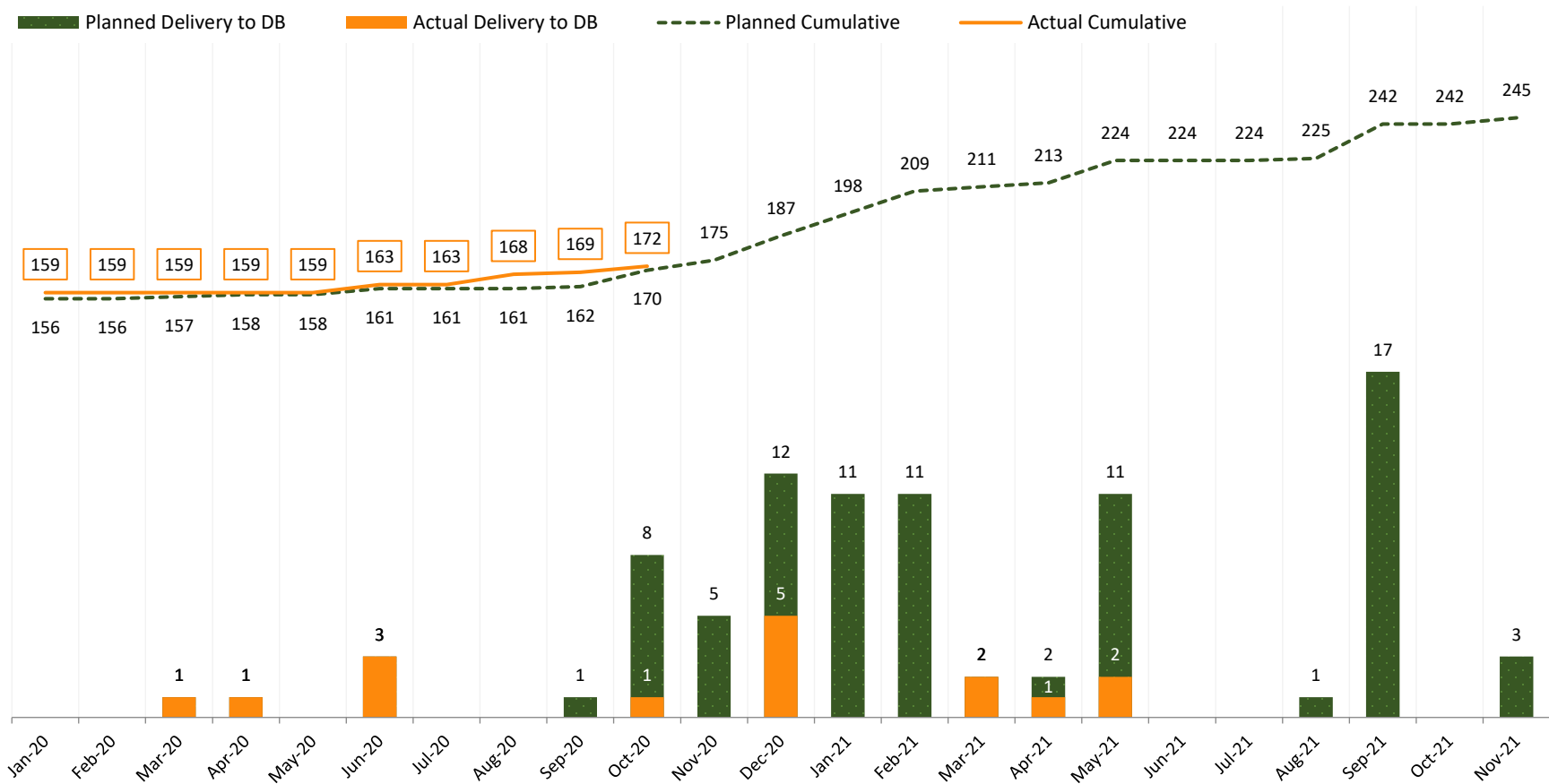
Notes:

1. Number of Small Business Enterprise Awarded Contracts: 89.
2. Value of overall Small Business Goal (30%): \$183.3M.
3. Value of Current Small Business Enterprise Awarded Contracts: \$77.7M.
4. Value of Small Business expended: \$44.8M.
5. 30% Goal Value for Small Business expended: \$98.7M.
6. Small Business Enterprise Utilization percentage based on Contractor Invoices Paid to Date: 13.6%.
7. Small Business Enterprise Utilization towards Value of overall Small Business Goal: 24%.
8. Due to processing and confirmation of Contractor submitted data, Small Business Enterprise Values are as of September 2020.

CP 4 – ROW Summary

Construction Package	Total Needed Parcels October 31, 2020	Total Parcels Delivered to Date October 31, 2020	Remaining Parcels to be Delivered October 31, 2020
CP 4	245	172	73

CP 4 – Parcel Delivery to DB Summary



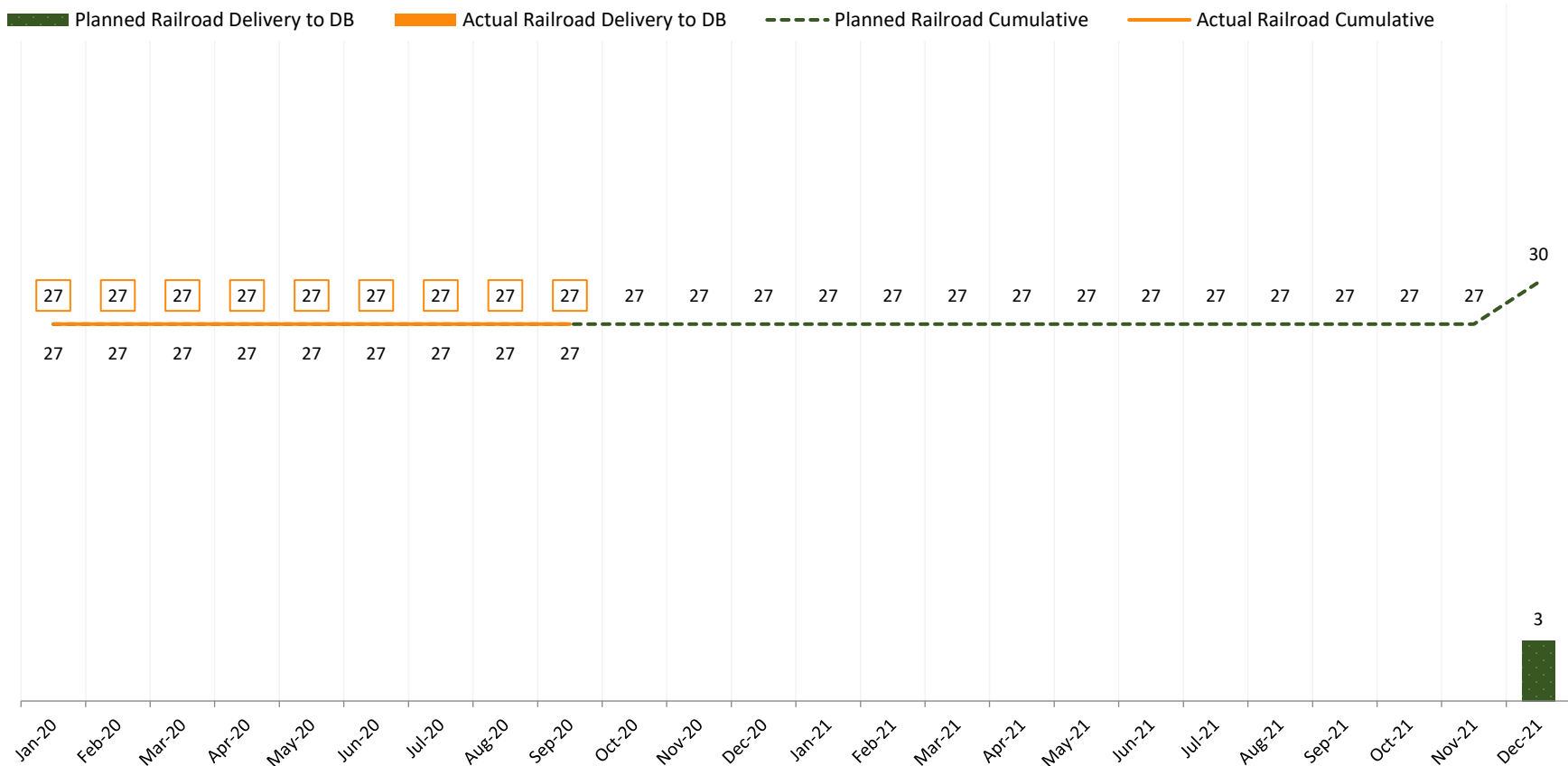
Notes:

1. This reflects the current Revised Baseline Schedules (RBSs) for CP 4.
2. Planned Delivered to DB parcels may be adjusted periodically base on continued refinement of the RBS.
3. Actual cumulative line for October 2020 reflects delivered parcels that are forecasted in future months.
4. Remaining September parcel was delivered to the DB after the close of October data.
5. Agreements are executed on seven parcels to perform Environmental work while actively working to conclude acquisition negotiations.

CP 4 – ROW Railroad Summary

Construction Package	Total Needed Railroad Parcels October 31, 2020	Total Railroad Parcels Delivered to Date October 31, 2020	Remaining Railroad Parcels to be Delivered October 31, 2020
CP 4	30	27	3

CP 4 – Railroad Parcel Delivery to DB Summary



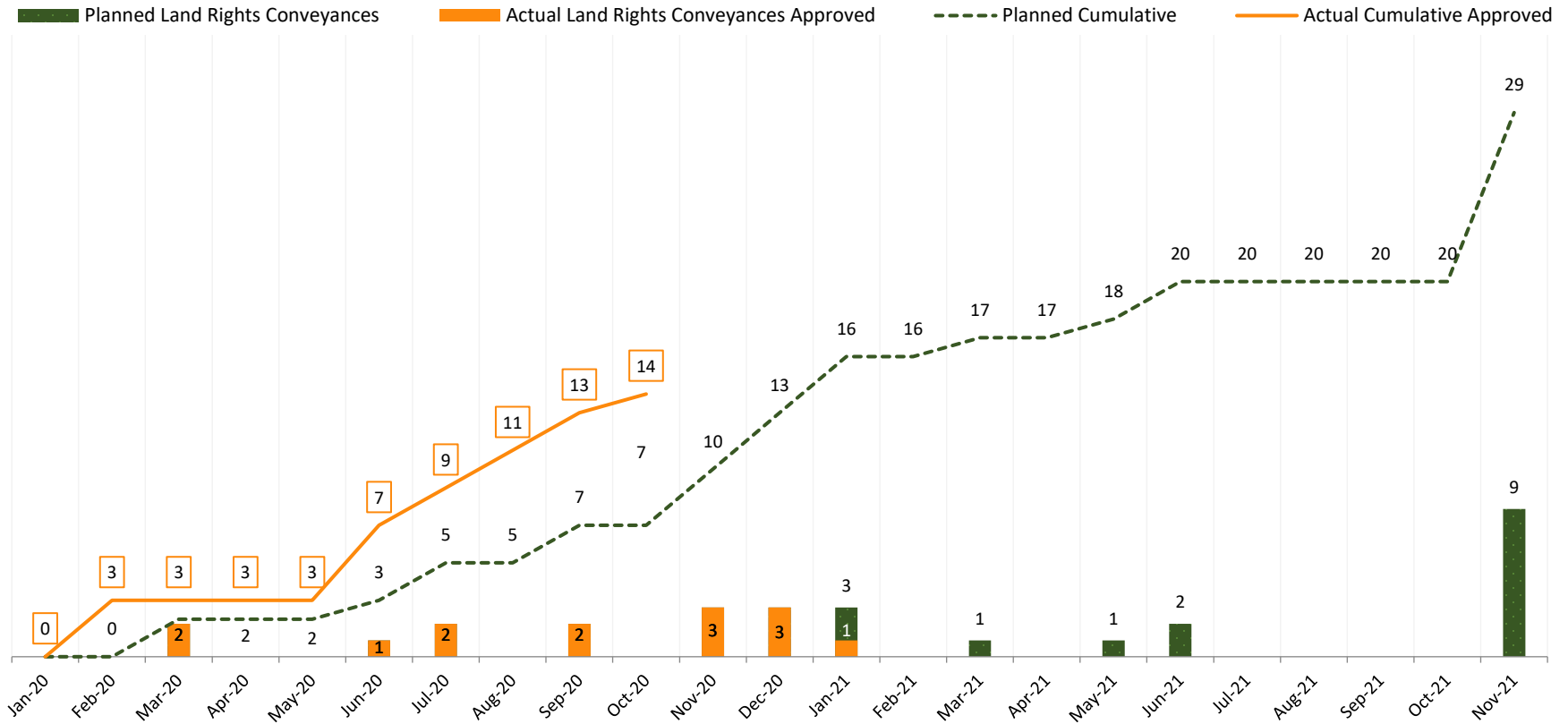
Notes:

1. This reflects the current Railroad Revised Baseline Schedules (RBSs) for CP 4.
2. Planned Delivered to DB parcels may be adjusted periodically based on continued refinement of the RBS.

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

Construction Package	Total Needed Land Right Conveyances October 31, 2020	Total Land Right Conveyances Approved ⁽⁵⁾ to Date October 31, 2020	Remaining Land Right Conveyances to be Approved October 31, 2020
CP 4	29	14	15

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



Notes:

1. This projection has been revised based on the Revised Baseline Schedules (RBSs).
2. The PG&E letter agreement (executed May 6, 2020) temporarily reclassified numerous critical land right conveyances as non-critical for construction and is reflected above.
3. Actual Cumulative for October 2020 includes completed land right conveyances that are forecasted in future months.
4. Planned land right conveyances were adjusted from last month's report due to continued refinement of the RBS.
5. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.

Project Development Schedule – Record of Decision (ROD)

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%	Complete Complete 100%	Complete Complete 100%	Jun-21 Sep-21 10%	Jun-21 Dec-21 ⁽¹⁾ 13%	Sep-21	Dec-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%	Complete Complete 100%	Complete Complete 100%	Apr-21 Aug-21 13%	Apr-21 Sep-21 ⁽²⁾ 15%	Aug-21	Sep-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%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
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 Aug-21 84%	Nov-20 Aug-21 86%	Dec-21 Sep-22 0%	Dec-21 Sep-22 ⁽³⁾ 0%	Sep-22	Sep-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%	Complete Complete 100%	Complete Complete 100%	Jan-21 Aug-21 10%	Jan-21 Aug-21 ⁽⁴⁾ 20%	Aug-21	Aug-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 Jun-21 72%	Feb-20 Jun-21 74%	Aug-21 May-22 0%	Aug-21 Jun-22 ⁽⁵⁾ 0%	May-22	Jun-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%	Complete Complete 100%	Complete Complete 100%	Feb-21 Apr-21 14%	Feb-21 Apr-21 ⁽⁶⁾ 50%	Apr-21	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:**
- Six-month delay due to changes in document requirements and environmental process, and receipt of substantial comments on Draft EIR/EIS. ROD date revised to reflect recirculation of Supplemental Draft EIR/EIS, and program-wide resolution of Cooperating Agency review constraints.
 - Five-month delay due to changes in document requirements and environmental process, receipt of substantial comments on Draft EIR/EIS, preparation of the Supplemental Draft EIR/EIS, and program-wide resolution of Cooperating Agency review constraints.
 - Nine-month delay due to late submittal of BNSF environmental deliverables, time required to reach concurrence with BNSF on design issues, and full incorporation of a modified V30 Legal and Environmental Review Process.
 - Seven-month delay due to extension of Draft EIR/EIS public comment period, late submittal of cooperating agency comments, remediation time to meet WCAG, internal reviews and resource constraints.
 - Publication of draft corrected to address delay due to additional consultation with the U.S. Army Corps of Engineers (USACE) and U.S. Environmental Protection Agency (EPA). Ten-month delay in delivery of ROD because of additional design and analysis for developing the avoidance alternative at Una Lake, to provide additional review by National Environmental Policy Act (NEPA) Assignment Team before CEO signature, and to incorporate internal resource constraints. (Mitigations for minimizing delays are being evaluated.)
 - Two-month delay due to design revision to accommodate Cesar Chavez National Monument (CCNM) and full incorporation of a modified V30 Legal and Environmental Review Process.

Project Development – Key Actions

In October 2020, the Authority conducted Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) document reviews for several project sections. San The team completed delimiting comments on the Francisco to San José Draft EIR/EIS with a total of 2,125 comments identified. ES and NAT are conducting rolling reviews of draft responses to 2,375 individual comments received in 777 submittals on the San José to Merced Draft EIR/EIS. The Los Angeles to Anaheim revised scoping period began on August 25 and ended September 24. Permitting for the Central Valley Wye and the Locally Generated Alternative will progress following Board action on the Merced and Bakersfield extensions.

Project Development – Key Actions Summary

Project Section	Key Actions
San Francisco to San Jose	<ul style="list-style-type: none"> Team is preparing standard and specific response to public comments on Draft EIR/EIS. CEO decision to advance Millbrae Site Reduced Plan on October 12 will require recirculation of the Draft EIR/EIS and additional time to achieve ROD.
San José to Merced	<ul style="list-style-type: none"> ES, NAT, and Legal completed review of 27 standard responses and are conducting rolling reviews of draft responses to individual comments on the Draft EIR/EIS. EEC, SD, and ES are completing initial draft program guidance on OCS bird electrocution avoidance configuration to circulate for review and approval by ES, RO, Legal, and Engineering functional directors in November. EEC preparing and SD, ES, Legal conducting expedited reviews of an administrative Supplemental Draft EIR/EIS for new special-status species listings for cooperating and responsible agencies to begin 30-day review on November 18.
Central Valley Wye	<ul style="list-style-type: none"> CVY ROD/NOD process completed. CVY, via NAT, is following-up with FRA on LOC approval. CESD - Agreement with CESD signed October 26. Continue to work with County of Madera on differences in the community facility size and usage. Tolling agreement extended to November 23. Advanced draft agreements with the City of Chowchilla on mitigation measures to provide a sewer connection to the Fairmead community. Tolling agreement extended to December 11. Continued to work with Fairmead Community and Friends on mitigation MOU. Tolling agreement extended to November 23. City of Madera - Tolling agreement extended to November 23. Permitting for the Central Valley Wye will progress following Board action on the Merced and Bakersfield extensions.
Locally Generated Alternative	<ul style="list-style-type: none"> The Combined Supplemental Record of Decision and Final Supplemental Environmental Impact Statement was completed on October 31, 2019. Permitting for the Locally Generated Alternative will progress following Board action on the Merced and Bakersfield extensions.
Bakersfield to Palmdale	<ul style="list-style-type: none"> Received comments from Legal/NAT/ES on Admin Final EIR/EIS in preparation for November 2020 submittal for Cooperating Agency review. Continued to advance Section 106, Section 7, Section 106, and other permitting activities related to ROD. Submitted the Bakersfield to Palmdale Project Section 7 revised Biological Assessment (BA) incorporating the Various Engineering Refinements (VERs) to USFWS.
Palmdale to Burbank	<ul style="list-style-type: none"> The Una Lake Avoidance Alternatives have been incorporated into the footprint and environmental analysis. Review of the draft PEPD was completed in October. Public outreach was conducted virtually about the new Preferred Alternative in October. A revised Checkpoint B report responding to USACE and EPA comments was submitted with the comment response log. Participated with ES, SD, and Legal Services in a series of comment resolution Step 2 workshops on Administrative Draft EIR/EIS chapters/sections for the Palmdale to Burbank Project Section. Cooperating Agency review is expected in January 2021. Completed analysis of hydrological impacts from tunneling through the Angeles National Forest for the Palmdale to Burbank Project Section.
Burbank to Los Angeles	<ul style="list-style-type: none"> The team has completed delimiting comments received on the Draft EIR/EIS. The total number of comments is 1,878 from 279 submittals. The team is preparing comment responses in coordination with ES, Legal, and NAT, and preparing the Administrative Final EIR/EIS for Step 10 review.
Los Angeles to Anaheim	<ul style="list-style-type: none"> Continued integrating revised environmental deliverables received from BNSF into the LA-A environmental document. Received an updated Commerce Yard design from BNSF on October 27.