



Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

October 2021 Report (data through August 2021)

Executive Summary

Construction Packages (CP's) Design-Build Expenditures ([Page 5](#))

- August 2021 Expenditures totaled \$48.5M:
 - Construction Package 1 – Expenditures totaled \$16.8M.
 - Construction Package 2-3 – Expenditures totaled \$20M.
 - Construction Package 4 – Expenditures totaled \$11.7M.
- Total CP Cumulative Actual Expenditures (pages 14, 23, and 32) – \$3,484.2M.
- Total Cumulative Current Contract Amount (pages 14, 23, and 32) – \$5,209.1M.

Change Orders

- Executed Change Orders this period – Five for a total of \$6.2M:
 - Construction Package 1 – Four for a total of \$4.7M (Page 16).
 - Construction Package 2-3 – None (Page 25).
 - Construction Package 4 – One for a total of \$1.5M (Page 34).

Risk Contingency ([Page 6](#))

- Original Contract Contingency – \$2,661.9M with remaining Contract Contingency – \$569.7M:
 - Construction Package 1 – \$1,237.3M with remaining Contract Contingency – \$264.9M.
 - Construction Package 2-3 – \$1,084.8M with remaining Contract Contingency – \$216.3M.
 - Construction Package 4 – \$339.8M with remaining Contract Contingency – \$88.5M.

CP Design

- Expected completion of all CP's major design by the First Quarter of 2022:
 - Construction Package 1 – 38 of 40 total design packages cleared for construction. Forecasted completion is Fourth Quarter of 2021 (2.5 Mile Caltrans Segment awaiting railroad approvals. Sweeper Package elements being finalized).
 - Construction Package 2-3 – 106 of 109 total design packages cleared for construction. Expected completion is First Quarter of 2022 (Cole Slough and Dutch John pending Right-of-Way (ROW) acquisition for Geotech and Alpaugh ponds currently in comment resolution).
 - Construction Package 4 – 14 of 14 total design packages cleared for construction.

Third-Party Design – Completed / Ready for Construction (RFC) and In Progress ([Page 7](#))

- Construction Package 1-4 – 546 of 683 or 80% completed. An increase of three from the previous month (from 543):
 - Construction Package 1 – 219 of 268 or 82% completed and 49 in progress. An increase of one from the previous period.
 - Construction Package 2-3 – 209 of 249 or 84% completed and 40 in progress. No increase of one from the previous period.
 - Construction Package 4 – 118 of 166 or 71% completed and 48 in progress. An increase of two from the previous period.

CP Construction Labor ([Page 8](#))

- Total Monthly Average – 1,051 daily workers. A decrease of 104 daily workers from the previous period (from 1,155):
 - Construction Package 1 – 336 daily workers. A decrease of 4 daily workers from the previous month (340).

- Construction Package 2-3 – 542 daily workers. A decrease of 72 daily workers from the previous month (614).
- Construction Package 4 – 173 daily workers. A decrease of 28 daily workers from the previous month (201).
- Daily Average Contracted CP Employees Quarantined for COVID-19 in August – Six. An increase of five from the daily average of one in July 2021.
- 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 Progress ([Page 9](#))

- Structures – 65 underway/substantially complete compared to 93 structures total. No change from the previous period:
 - Construction Package 1 – 26 structures underway/substantially complete. Three behind.
 - Construction Package 2-3 – 29 structures underway/substantially complete. Two behind.
 - Construction Package 4 – 10 structures underway/substantially complete. One behind.
- Guideway – 84 miles constructed/underway compared to 119 miles total. No change from the previous period:
 - Construction Package 1 – 15 miles underway/substantially complete. On target.
 - Construction Package 2-3 – 48 miles underway/substantially complete. One mile behind.
 - Construction Package 4 – 21 miles underway/substantially complete. One mile behind.
- Utility Relocations Status – Relocated: 657 (32%); In Progress: 543 (26%); Approved to Start: 93 (5%); Not Started: 769 (37%); Total: 2,062. Seven relocated in August 2021 reporting period. In order to begin utility relocation work, a sequence of activities have to be completed. These activities include environmental clearance, executed third-party agreement(s), design approval, construction work plans, pre-construction walkthroughs, acquisition of real property, and/or land right conveyances:
 - Construction Package 1 – Relocated: 254 (21%); In Progress: 466 (38%); Approved to Start: 5 (1%); Not Started: 477 (40%); Total: 1,202.
 - Construction Package 2-3 – Relocated: 349 (50%); In Progress: 55 (8%); Approved to Start: 51 (7%); Not Started: 239 (35%); Total: 694.
 - Construction Package 4 – Relocated: 54 (33%); In Progress: 22 (13%); Approved to Start: 37 (22%); Not Started: 53 (32%); Total: 166.

CP Real Property/Right-of-Way (ROW) ([Pages 10 - 12](#))

- Total Parcels Delivered to Date – 1,946 parcels compared to an estimated 2,298 parcels needed.
- Parcels Delivered to Design-Builder (DB) – 24 parcels in August 2021.
- Construction Packages 1-4 – Six parcels added, all Authority owned requiring no acquisition. The Authority received requests for 10 additional parcels. The Authority is currently reviewing this request. If merit is found, those parcels will be added and acquired per contractual terms.
- Railroad Parcels Delivered to Design-Builder – Six parcels. Four in August and two delivered previously not reported. Zero delinquent Railroad parcels.
- Total Railroad Parcels Delivered to Date – 112 parcels compared to an estimated 166 railroad parcels needed.
- Land Right Conveyances (Tier 1, Prior to Construction):
 - One land right conveyance approved.
 - Fourteen delinquent land right conveyances in July 2021 and a significant amount of these are pending acquisition.
 - To date, the Authority received approval on 598 land right conveyances.

Third-Party Agreements (Page 13)

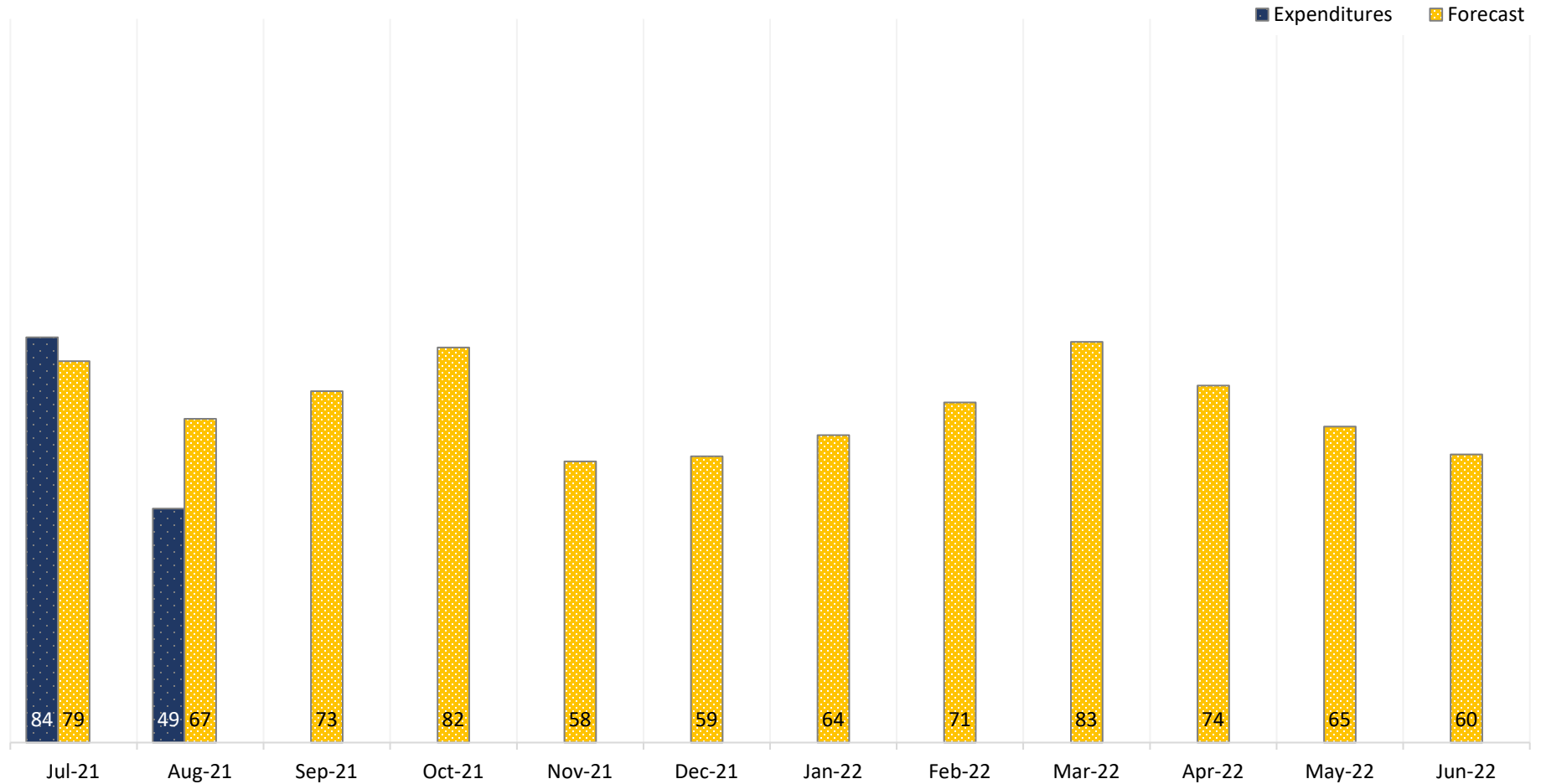
- Three remaining key agreements. The Authority has finalized 54 agreements. Forty-two of those agreements were critical to supporting construction.

Project Development (Environmental Clearance) Schedule – Record of Decision (ROD) (Pages 41 - 42)

- San Francisco to San Jose – Comment period for Revised Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) will close on September 8, 2021. Completed first review of Administrative Final EIR/EIS in August 2021.
- San Jose to Merced – The Cooperating and Responsible Agencies completed review of the Administrative Final EIR/EIS in July 2021. Environmental Justice (EJ) content is being prepared for a separate agency review following EJ analysis refinements in September 2021.
- Bakersfield to Palmdale – The Final EIR/EIS was presented to the Board on August 18, 2021 and was approved on August 19, 2021. The Notice of Determination (NOD) was posted on August 24, 2021. The ROD will be signed by the CEO in early September 2021.
- Palmdale to Burbank –The Administrative Draft EIR/EIS (ADEIR/S) was revised and resubmitted for backcheck. However, in order to address the 2,400 comments on the ADEIR/S, more time than originally scheduled is needed and the Public Circulation of the Draft EIR/EIS is now scheduled to take place in November 2021 (a 7-week delay).
- Burbank to Los Angeles – The team is preparing the Final EIR/EIS, which includes addressing comments received from Cooperating and Responsible Agencies on the Administrative Final EIR/EIS. The Final EIR/EIS will contain select design refinements including for the Main Street grade separation and relocation of extraction wells.
- Los Angeles to Anaheim – The team continued integrating additional BNSF deliverables pertaining to the Colton and Lenwood facilities into the assembled Administrative Draft EIR/EIS and continued Preliminary Engineering for Project Definition (PEPD) reviews with external stakeholders.

CP 1-4 – Design-Build Expenditures

CP 1-4 – Monthly Expenditures vs. Fiscal Year Design-Build Planned (\$ Millions)

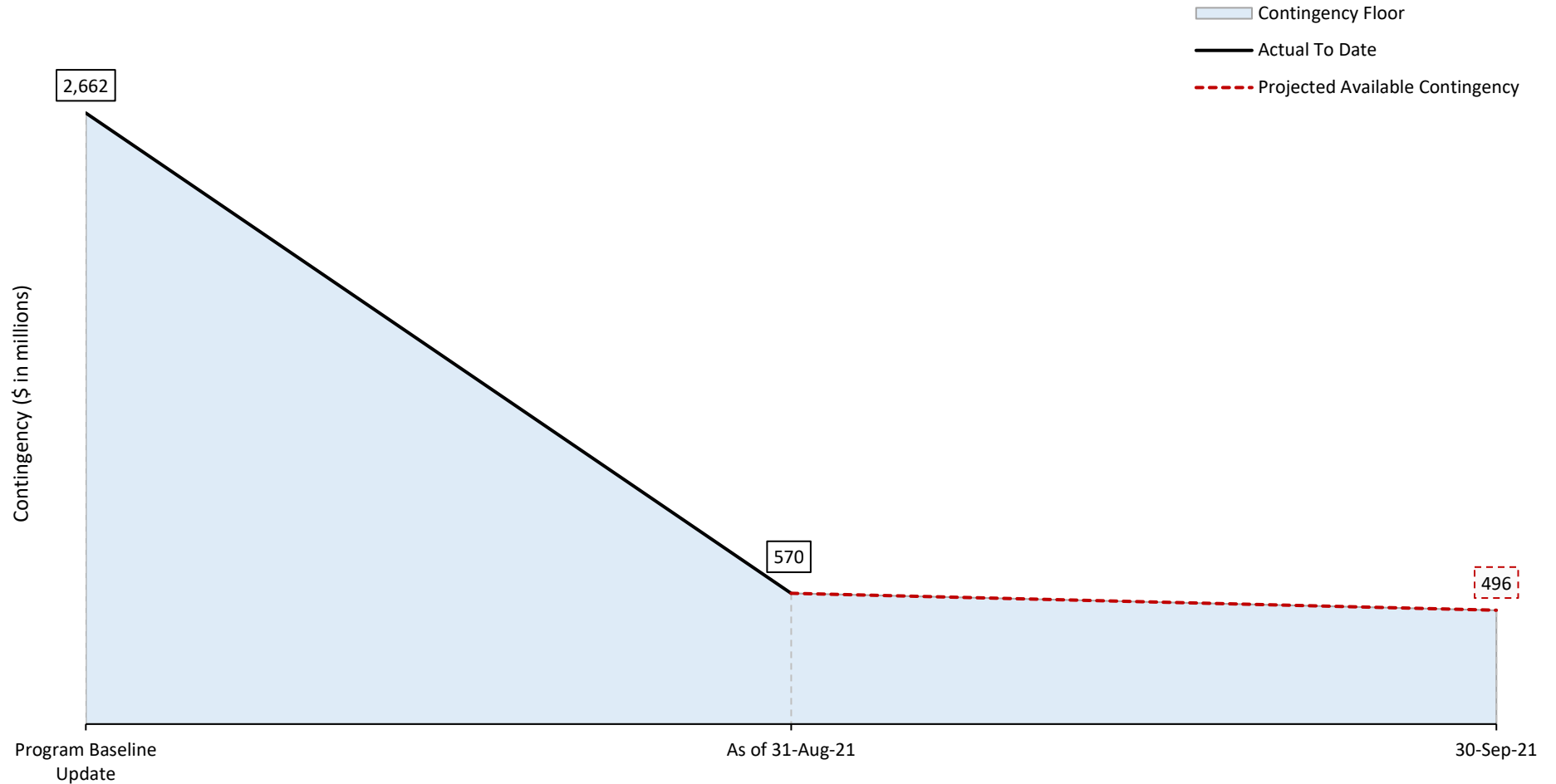


Notes:

1. The projections are subject to change pending the approval of the Revised Baseline Schedule (RBS) Revision 2.
2. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
3. CP 4 - The total year forecast of \$144M for CP 4 differs from the Capital Outlay report amount of \$148M due to a \$4M reconciling (classification) item for which the disposition will be finalized in a future report.
4. August 2021 Expenditures totaled \$48.5M:
 - a. Construction Package 1 – Expenditures totaled \$16.8M.
 - b. Construction Package 2-3 – Expenditures totaled \$20M.
 - c. Construction Package 4 – Expenditures totaled \$11.7M.

CP 1-4 – Risk Contingency

CP 1-4 – Risk Contingency Status

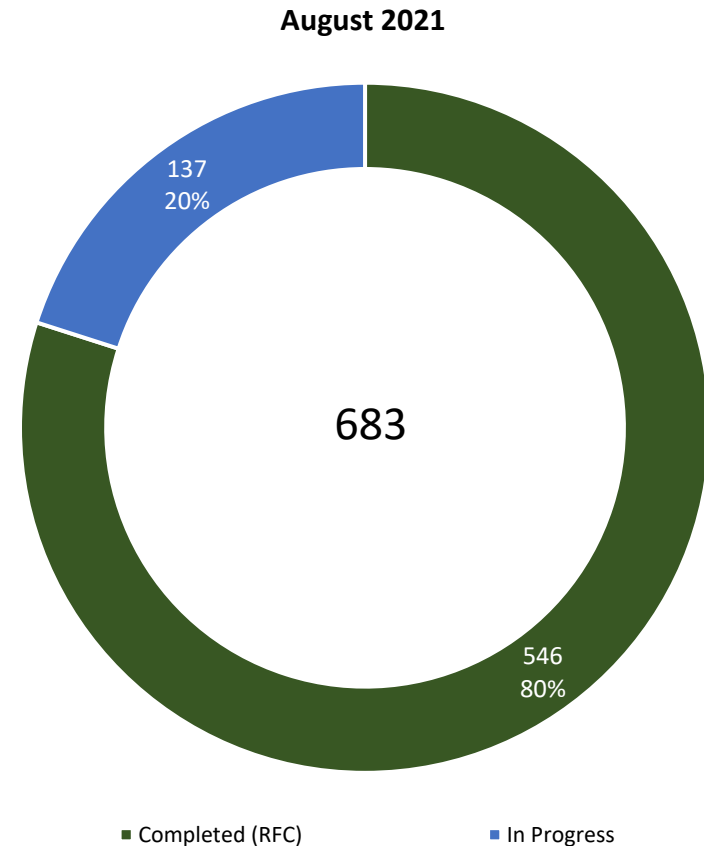
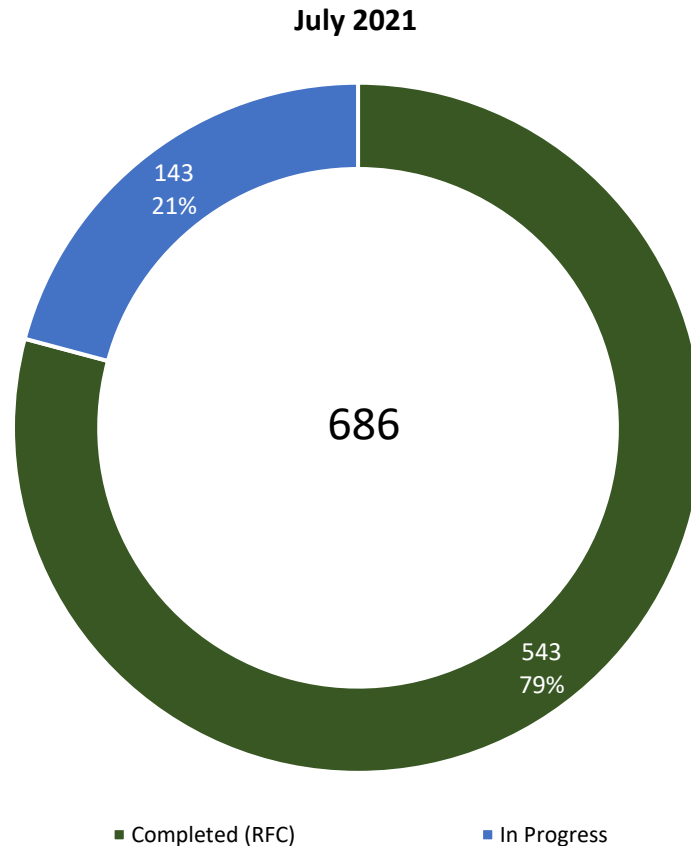


Notes:

1. The contingency drawdown curve has been revised to reflect projected contingency drawdown for the entire CP 1-4 Project through the end of the current quarter (30-Sep-21).
2. Based on the current change order forecast, this is the expected drawdown on the CP Revision 1 budgeted contingency. New budgeted contingency values for the CP will be established in Revision 2 (currently pending approval).
3. Forecasted drawdown is based on the DB contingency only. No forecasts have been provided for Project and Construction Management (PCM), ROW, Provisional Sum, or Third-Party Allocated Contingency.
4. Remaining contingency balance reflects executed change orders and BOC approved items.
5. Contingency Report Charts have been updated based on updated change order forecasts.

CP 1-4 – Third-Party Design

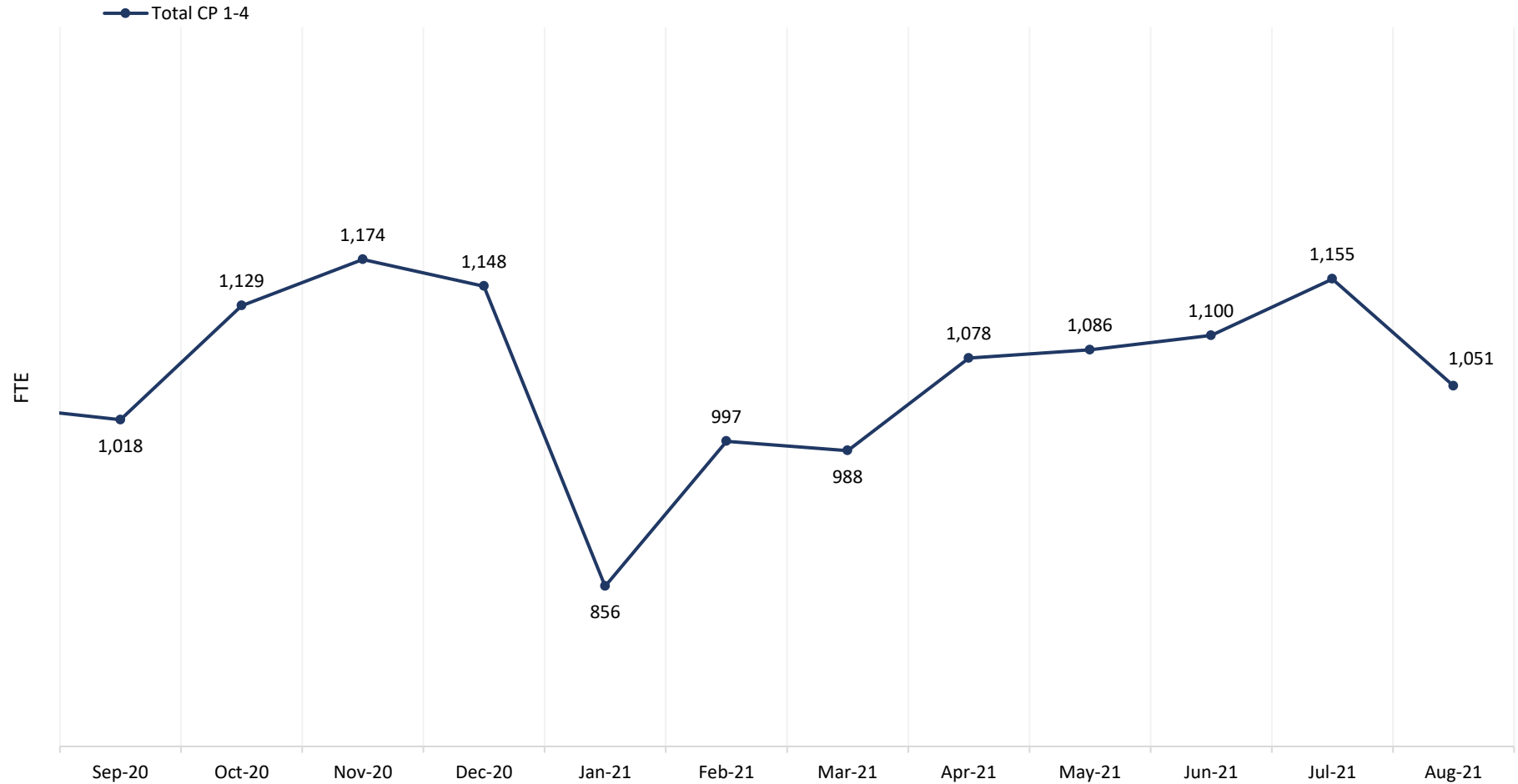
CP 1-4 – Third-Party Design Status



- Notes:**
1. Completed / Ready for Construction (RFC) - Applies to infrastructure crossing that the Authority Right-of-Way and design has been approved by Authority Engineering.
 2. In Progress - Contractor is in the process of preparing early design and concepts for the infrastructure owner to the process of preparing design to meet Authority requirements.
 3. The total number of designs needed may fluctuate from month to month. Designs are based on information from Third-Parties that may indicate design conflicts. Once contractors or the engineers visit the site or receive additional plan information from Third-Parties, conflicts may be resolved, or additional conflicts may be identified.
 4. Construction Package 1-4 – 546 of 683 or 80% completed. An increase of three from the previous month (from 543):
 - a. Construction Package 1 – 219 of 268 or 82% completed and 49 in progress. An increase of one from the previous period.
 - b. Construction Package 2-3 – 209 of 249 or 84% completed and 40 in progress. No increase of one from the previous period.
 - c. Construction Package 4 – 118 of 166 or 71% completed and 48 in progress. An increase of two from the previous period.

CP 1-4 – Monthly Construction Labor

CP 1-4 – Monthly Construction Workforce Total – Actual

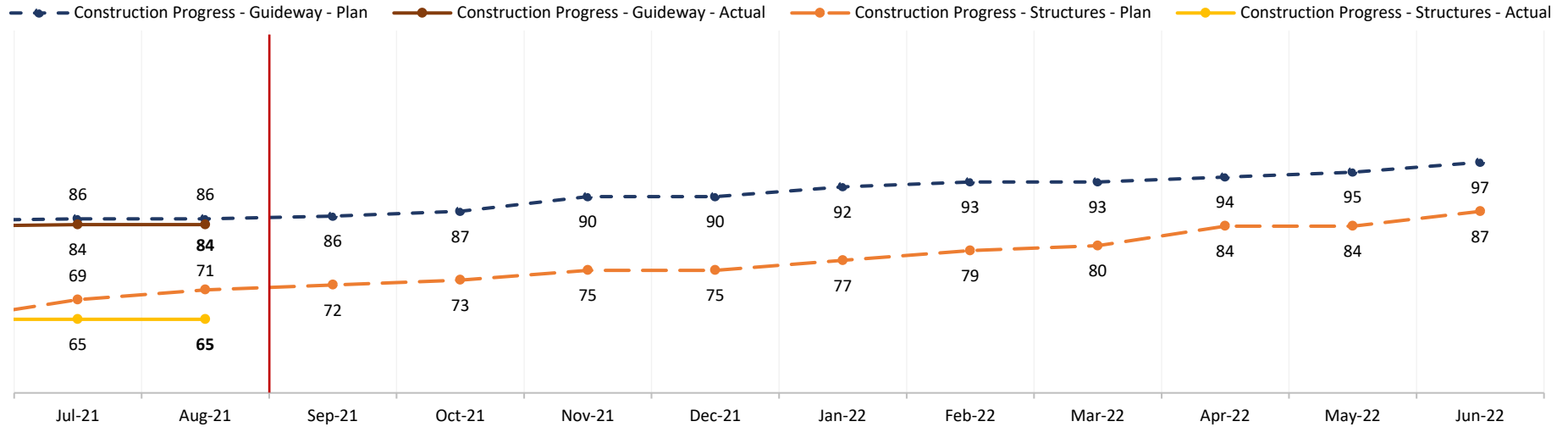


Notes:

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 data represents the overall total on a per working calendar month average status.
3. CP 2-3 – The drop in labor was due to completion of the import on the high-speed rail embankment south of Avenue 156 and additional ROW pending availability.
4. CP 4 – The labor numbers are lower due to lack of dirt hauling (trucking) as most available areas are complete.

CP 1-4 – Construction Progress

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



Monthly Construction Status – In Progress vs. Completed

Construction	CP 1		CP 2-3		CP 4		Overall		Total
	In Progress	Completed	In Progress	Completed	In Progress	Completed	In Progress	Completed	
Structures	12	14	21	8	8	2	41	24	65
Guideway	13	2	29	19	5	16	47	37	84

Notes:

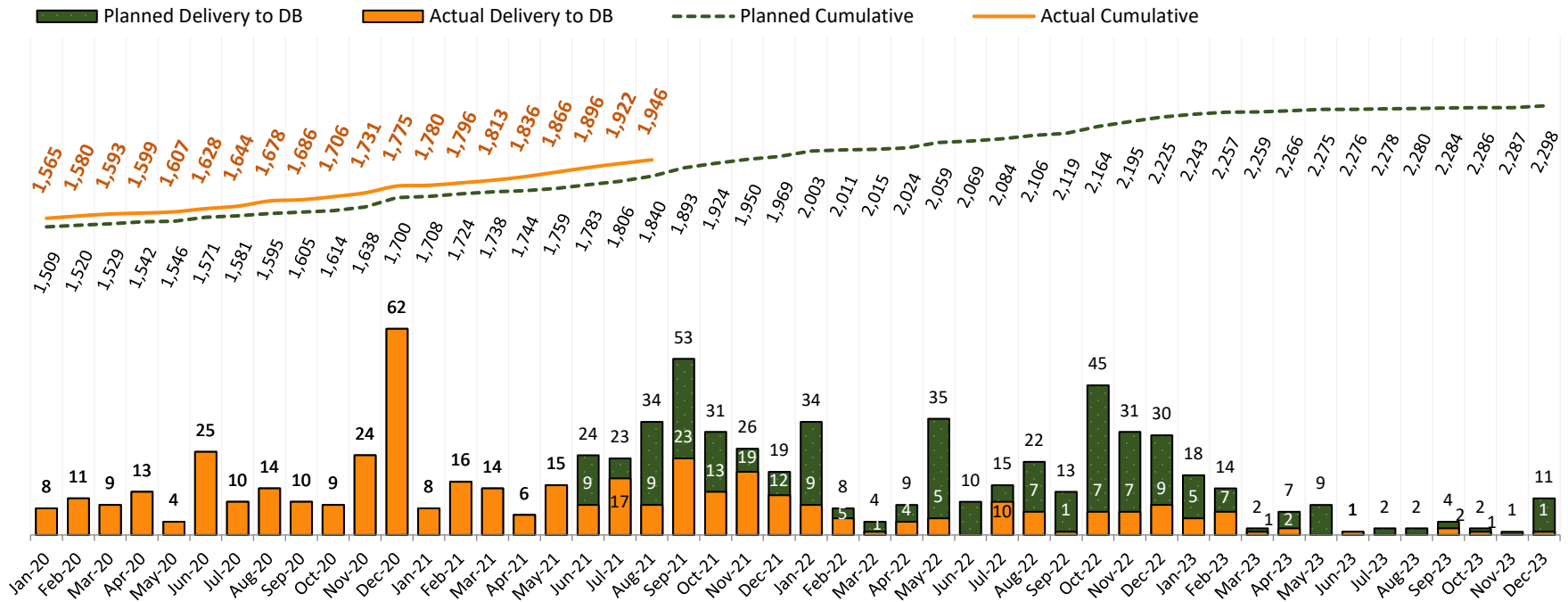
1. The chart above incorporates Revised Baseline Schedules (RBS) Revision 2 data.
2. Total Structures: 93 each.
3. Total Guideway: approximately 119 miles.
4. Structures – 65 underway/substantially complete compared to 93 structures total. No increase from the previous period:
 - a. CP 1 – 26 structures underway/substantially complete. Three behind. Central Avenue did not start in July as planned due to outstanding 48-hour access resolution. Jensen Trench did not start as planned in July due to resubmittal of crossing application requiring additional time. Avenue 17 required re-submittal for 6-Month shelf life (September).
 - b. CP 2-3 – 29 structures underway/substantially complete. Two behind. Grangeville Avenue and Deer Creek Viaduct pending ROW acquisition. Estimated for November 2021.
 - c. CP 4 – 10 structures underway/substantially complete. One behind. Construction of the Amtrak pedestrian underpass is expected to start in October 2021.
5. Guideway – 84 miles constructed/underway compared to 119 miles total. An increase of one from the previous period:
 - a. CP 1 – 15 miles underway/substantially complete. On target.
 - b. CP 2-3 – 48 miles underway/substantially complete. One mile behind plan south of Dutch John Cut pending ROW acquisition.
 - c. CP 4 – 21 miles underway/substantially complete. One mile behind (actual Guideway miles are 21.3 – rounded to 21). Environmental cleared in August and currently seeking approval of Wildlife Exclusion Fencing.

CP 1-4 – Right-of-Way (ROW)

CP 1-4 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels August 31, 2021	Total Parcels Delivered to Date August 31, 2021	Remaining Parcels to be Delivered August 31, 2021
CP 1	1,065	948	117
CP 2-3	996	806	190
CP 4	237	192	45
Total	2,298	1,946	352

CP 1-4 – Parcel Delivery to Design-Builder (DB) Summary



Notes:

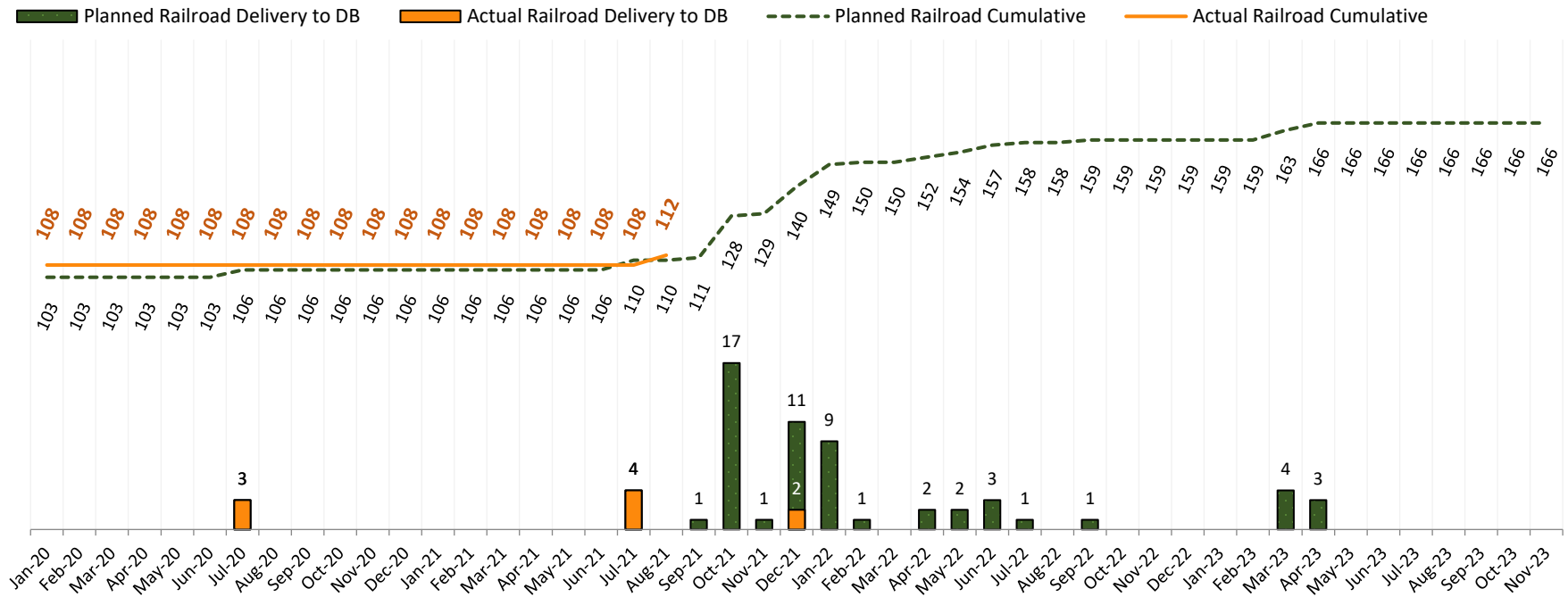
1. This reflects the current Revised Baseline Schedules (RBS) Revision 2 for CP 1, CP 2-3, and CP 4.
2. Actual cumulative line for August 2021 reflects delivered parcels that are forecasted in future months.
3. Six parcels added to Total Needed Parcels in CP 1, all Authority owned requiring no acquisition.

CP 1-4 – Right-of-Way (ROW) Railroad

CP 1-4 – Right-of-Way (ROW) Railroad Summary

Construction Package	Total Needed Railroad Parcels August 31, 2021	Total Railroad Parcels Delivered to Date August 31, 2021	Remaining Railroad Parcels to be Delivered August 31, 2021
CP 1	83	57	26
CP 2-3	54	26	28
CP 4	29	29	0
Total	166	112	54

CP 1-4 – Railroad Parcel Delivery to Design-Builder (DB) Summary



Notes:

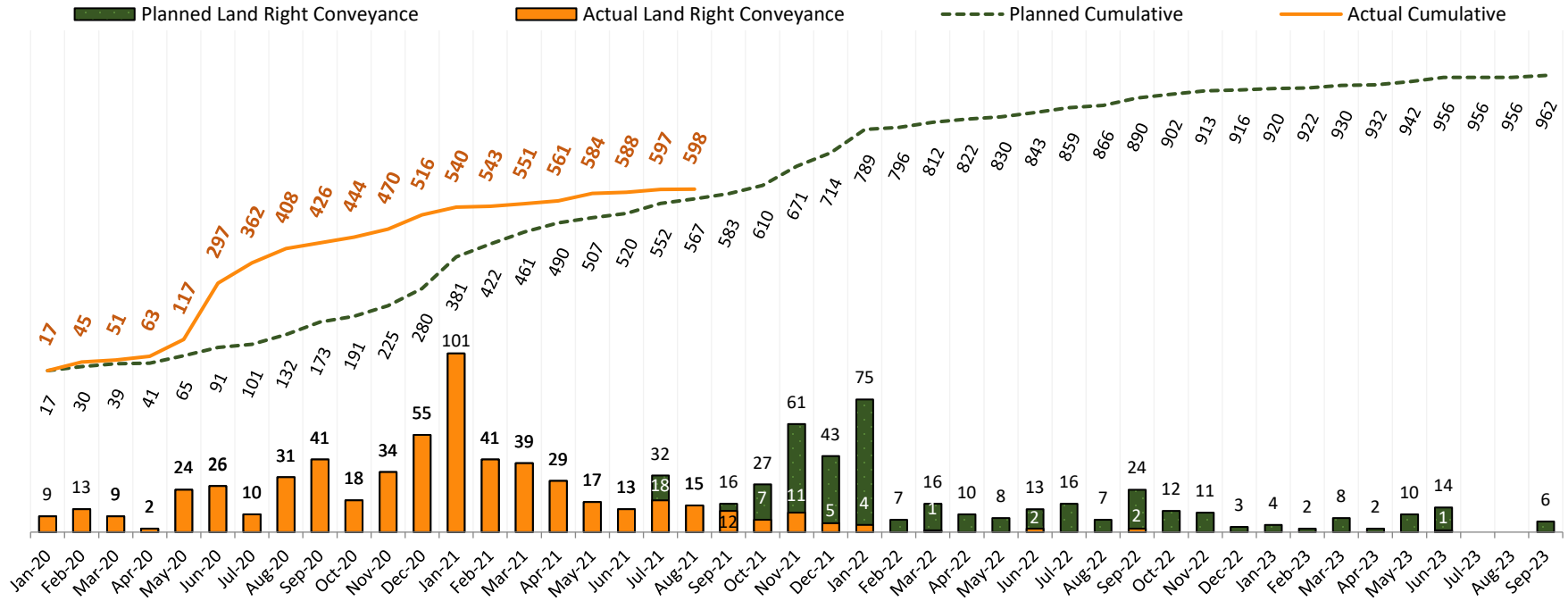
1. This reflects the current Railroad Revised Baseline Schedules (RBS) Revision 2 for CP 1, CP 2-3, and CP 4.
2. Actual Railroad Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. January 2020 cumulative includes two delivered CP 4 Railroad parcels not previously reported.

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

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 August 31, 2021	Total Land Right Conveyances Approved ⁽³⁾ August 31, 2021	Remaining Land Right Conveyances to be Approved August 31, 2021
CP 1	439	326	113
CP 2-3	435	234	201
CP 4	88	38	50
Total	962	598	364

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



Notes:

1. This reflects the current Revised Baseline Schedules (RBS) Revision 2 for CP 1, CP 2-3, and CP 4.
2. Actual Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.

Third-Party Agreements – 119-Mile Central Valley Segment

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
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.	Jul-21	Executed August 30, 2021
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. Agreement was on hold for several months due to negotiations with the City on another matter. Authority now reengaging City of Wasco in negotiations. Updated draft was provided to City for review in August 2021.	Jul-20	Dec-21
City of Wasco	CP 4	Defines ownership and maintenance of grade separations between Authority and City in perpetuity. Agreement was on hold for several months due to negotiations with the City on another matter. Authority now reengaging City of Wasco in negotiations. Updated draft was provided to City for review in August 2021.	Jul-20	Dec-21
City of Wasco	CP 4	Grade Separation Agreement details the parties' obligations regarding design and construction work for Poso Avenue grade separation, Poso and J Street extensions, 6 th Street closure, and Amtrak pedestrian underpass. Agreement was on hold for several months due to negotiations with the City on another matter. Authority now finalizing exhibits and agreement language with the City of Wasco. Updated draft was provided to City for review in August 2021.	N/A	Dec-21

CONSTRUCTION PACKAGE 1 (CP 1) OVERVIEW⁽¹⁾

CP 1 – Design-Build Contract Summary⁽²⁾

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 Forecast Contract Completion Date ⁽³⁾ :	03/04/2024
Current Forecast Substantial Completion Date⁽⁴⁾:	12/29/2023

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:	\$1,397,125,027.38
Current Contract Amount:	\$2,420,113,027.38
Approved Invoices to Date:	\$1,587,146,272.84
Remaining Contract Balance:	\$832,966,754.54

Contract Time Status

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded:	2,099
Current Forecast Contract Days:	3,727
Calendar Days Worked (thru 08/31/2021):	2,877

Expended to Date

Description	Percentage
Time:	77.2%
Dollars:	65.6%

Growth Percentage

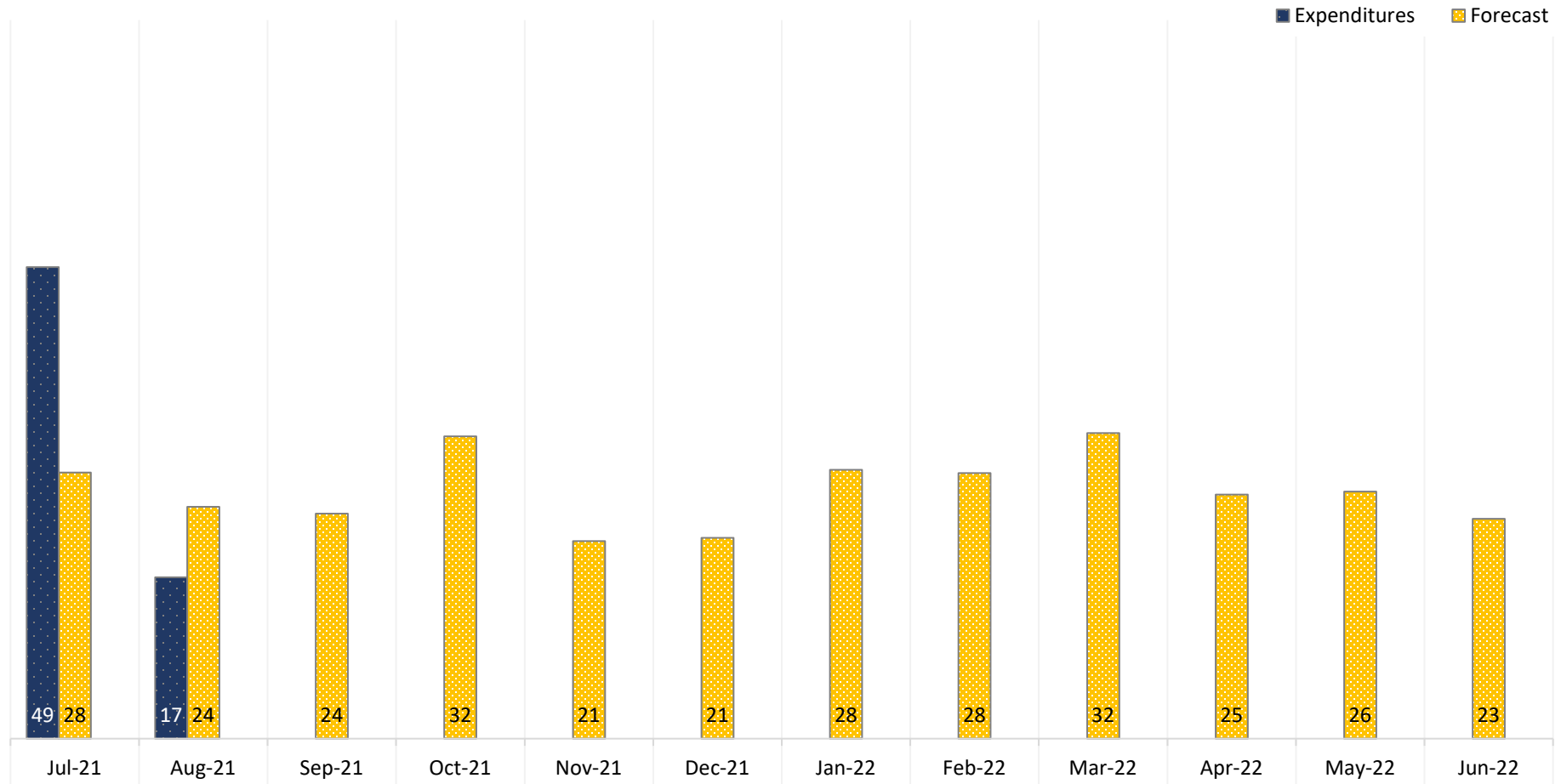
Description	Percentage
Time:	128.9%
Dollars:	136.6%

Notes:

- Information in this section is coming from data provided by the PCM – Monthly Status Report.
- The dollar values above remain at Revised Baseline Schedules (RBS) Revision 1 data.
- Updated to align with Current Forecast Substantial Completion Date based on Revised Baseline Schedules (RBS) Revision 2 (pending executed change order).
- RBS Revision 2 Current Forecast Substantial Completion Date (pending executed change order) – December 29, 2023.
- Contract Time Status (Extension of Time Awarded and Current Forecast Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Forecast Substantial Completion Date.

CP 1 – Design-Build Expenditures

CP 1 – Monthly Expenditures vs. Fiscal Year Design-Build Planned (\$ Millions)



Notes:

1. The projections are subject to change pending the approval of the Revised Baseline Schedule (RBS) Revision 2.
2. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.

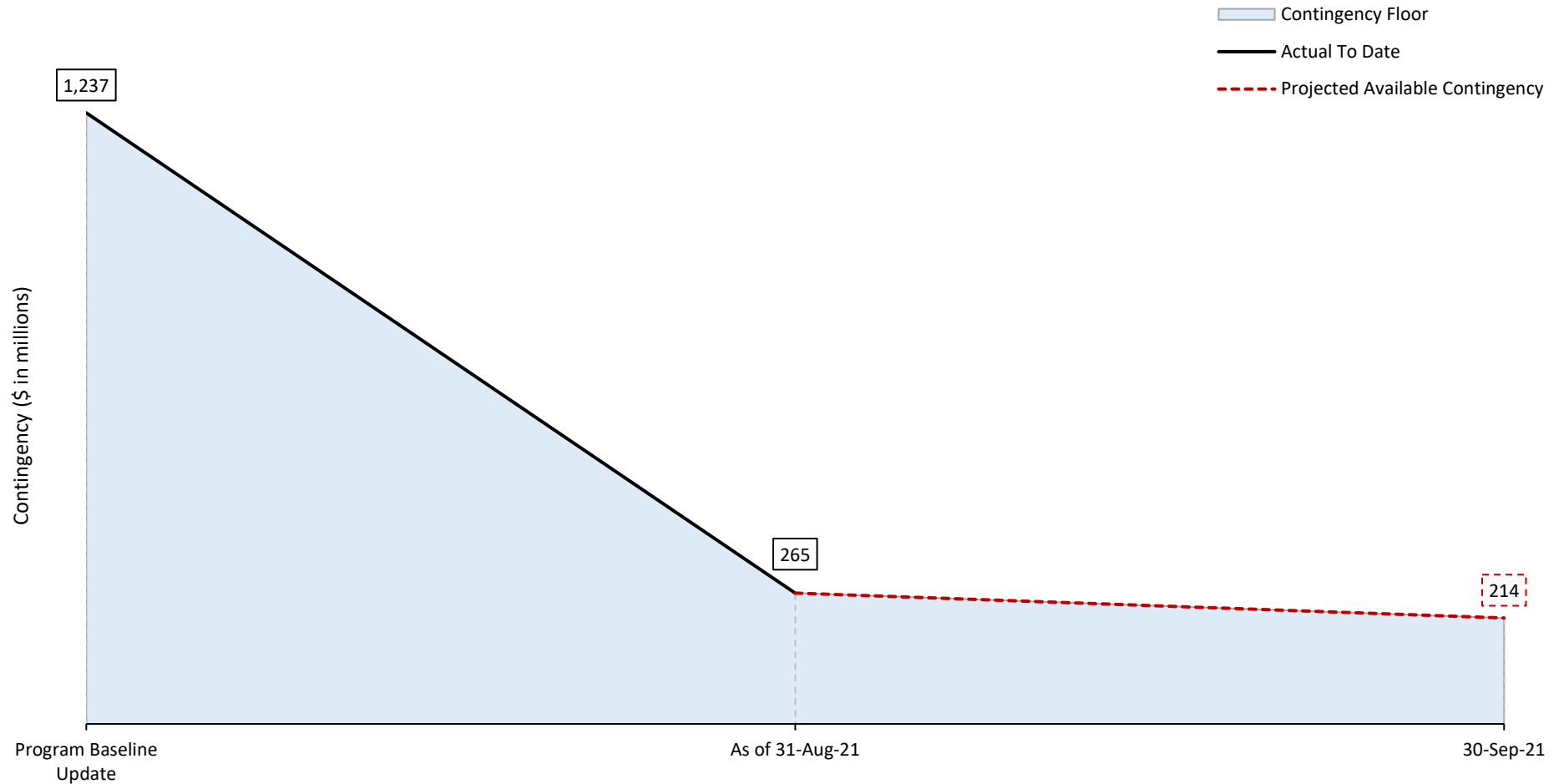
CP 1 – Change Orders

CP 1 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
00389	Tulare Grade Separation Private Drainage - Design	Executed	\$23,892.00	25-Aug-21
00393	McKinley SR-99 Offramp Flooding due to Caltrans Clogged Storm Drain	Executed	\$15,926.00	25-Aug-21
00380	OH, CIP to MSE Abutments Design at Avenues 15.5, 9 and Olive - DL-0138 R2	Executed	\$98,599.00	27-Aug-21
00071.01	Building HazMat PS Budget Increase - Supplemental	Executed	\$4,600,000.00	31-Aug-21
TOTAL			\$4,738,417.00	

CP 1 – Risk Contingency

CP 1 – Risk Contingency Status

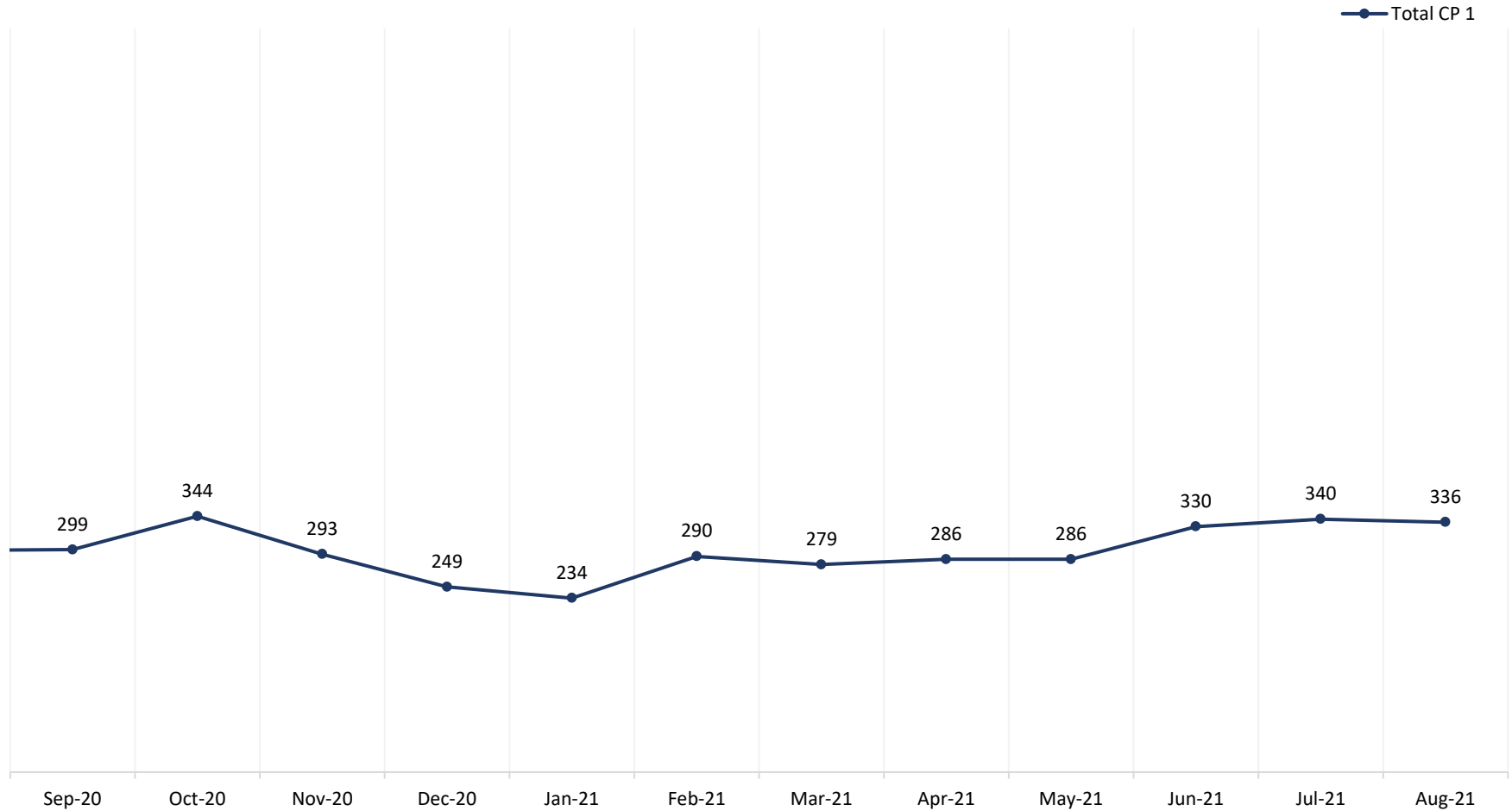


Notes:

1. The contingency drawdown curve has been revised to reflect projected contingency drawdown for the entire CP 1-4 Project through the end of the current quarter (30-Sep-21).
2. Based on the current change order forecast, this is the expected drawdown on the CP Revision 1 budgeted contingency. New budgeted contingency values for the CP will be established in Revision 2 (currently pending approval).
3. Forecasted drawdown is based on the DB contingency only. No forecasts have been provided for Project and Construction Management (PCM), ROW, Provisional Sum, or Third-Party Allocated Contingency.
4. Remaining contingency balance reflects executed change orders and BOC approved items.
5. Contingency Report Charts have been updated based on updated change order forecasts.

CP 1 – Monthly Construction Labor

CP 1 – Monthly Construction Workforce Total – Actual

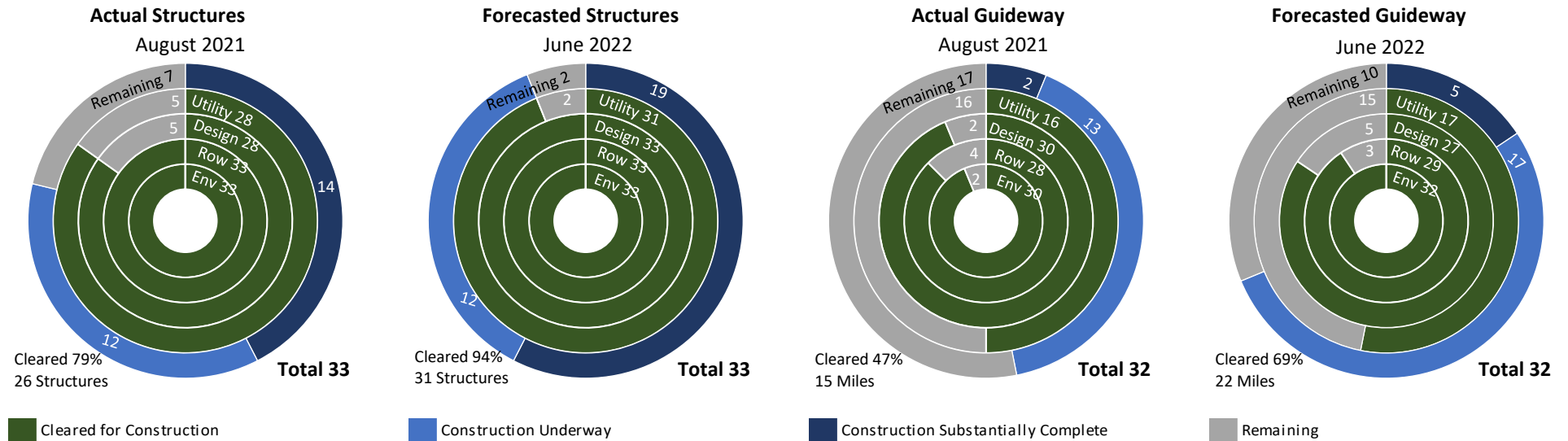


Notes:

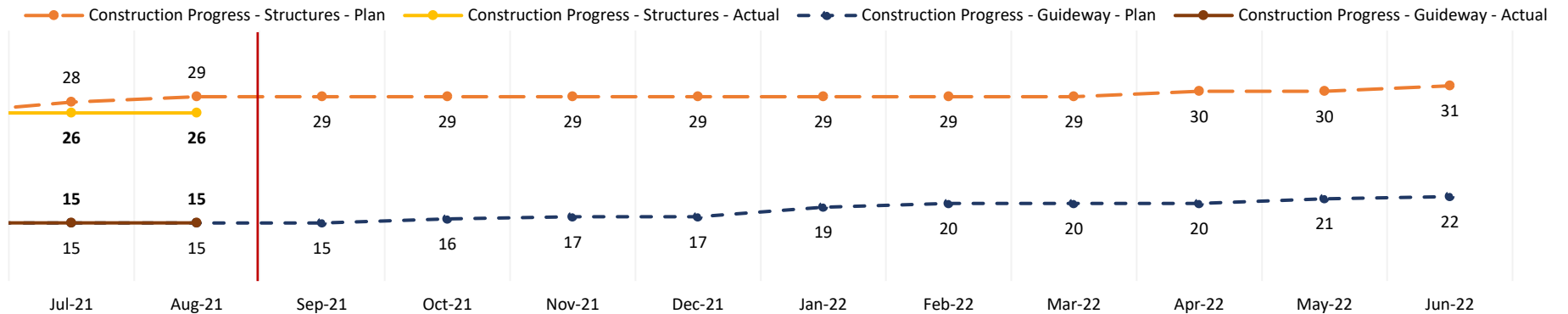
1. The construction labor numbers (full-time employees) are based on the working calendar month.
2. The data represents the overall total on a per working calendar month average status.

CP 1 – Construction Progress

CP 1 – Construction Progress



CP 1 – Structures and Guideway Progress – Planned vs. Actual



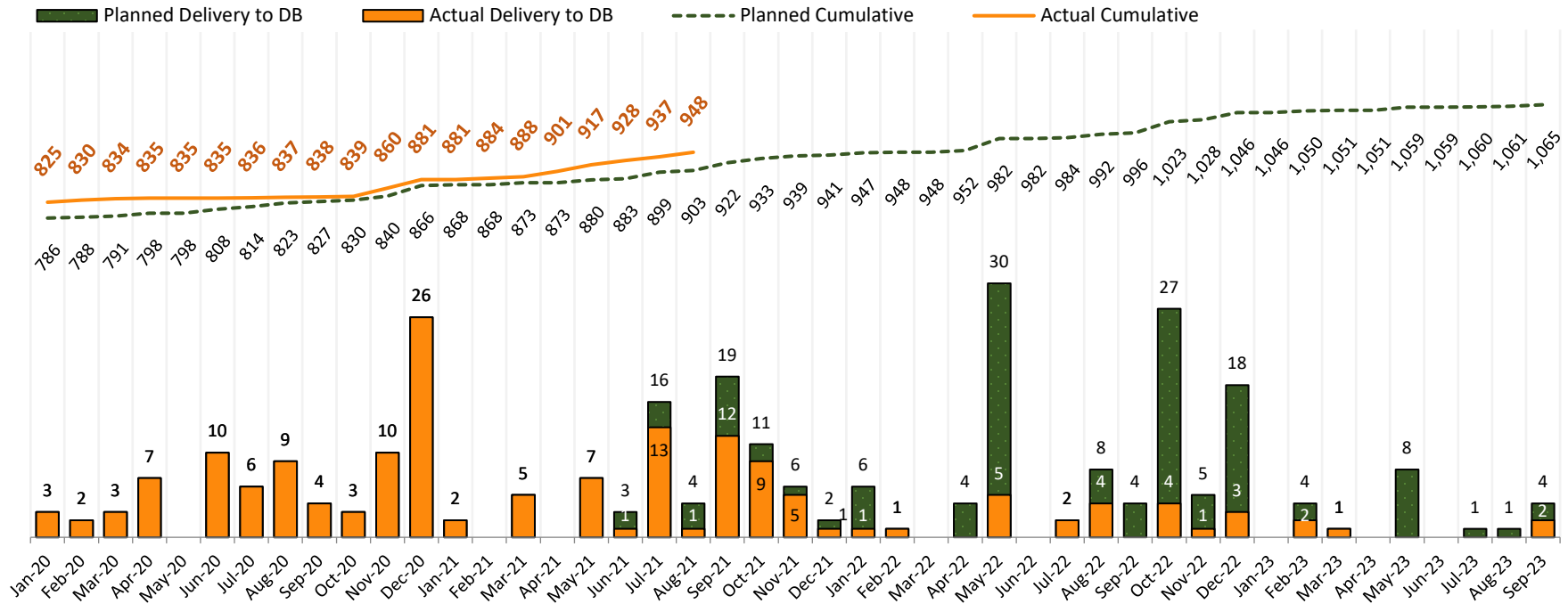
- Notes:**
- The chart above incorporates Revised Baseline Schedules (RBS) Revision 2 data.
 - Total Structures: 33 structures:
 - 26 structures underway/substantially complete. Three behind. Central Avenue did not start in July as planned due to outstanding 48-hour access resolution. Jensen Trench did not start as planned in July due to resubmittal of crossing application requiring additional time. Avenue 17 required re-submittal for 6-Month shelf life (September).
 - Total Guideway: 32 miles:
 - 15 miles underway/substantially complete. On target.

CP 1 – Right-of-Way (ROW)

CP 1 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels August 31, 2021	Total Parcels Delivered to Date August 31, 2021	Remaining Parcels to be Delivered August 31, 2021
CP 1	1,065	948	117

CP 1 – Parcel Delivery to Design-Builder (DB) Summary



Notes:

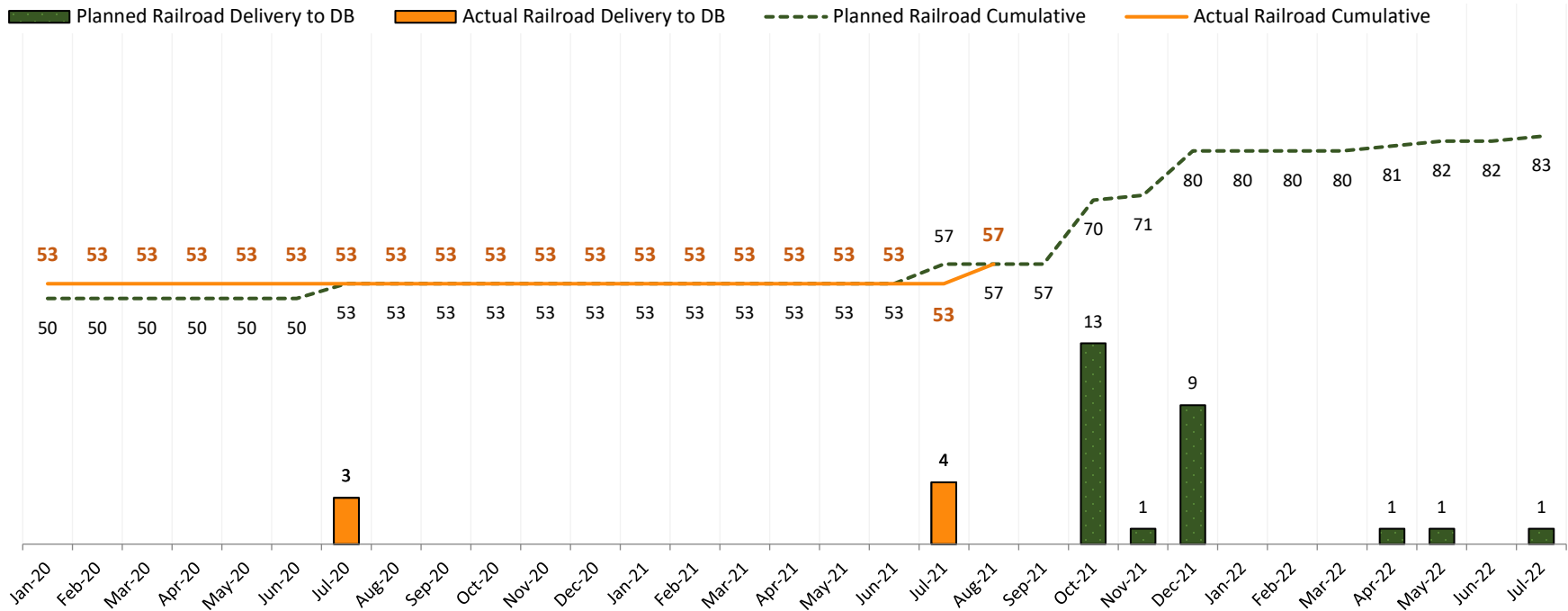
1. This reflects the current Revised Baseline Schedules (RBS) Revision 2 for CP 1.
2. Actual cumulative line for July 2021 reflects delivered parcels that are forecasted in future months.
3. Six parcels added to Total Needed Parcels, all Authority owned requiring no acquisition.

CP 1 – Right-of-Way (ROW) Railroad

CP 1 – Right-of-Way (ROW) Railroad Summary

Construction Package	Total Needed Railroad Parcels August 31, 2021	Total Railroad Parcels Delivered to Date August 31, 2021	Remaining Railroad Parcels to be Delivered August 31, 2021
CP 1	83	57	26

CP 1 – Railroad Parcel Delivery to Design-BUILDER (DB) Summary



Note:

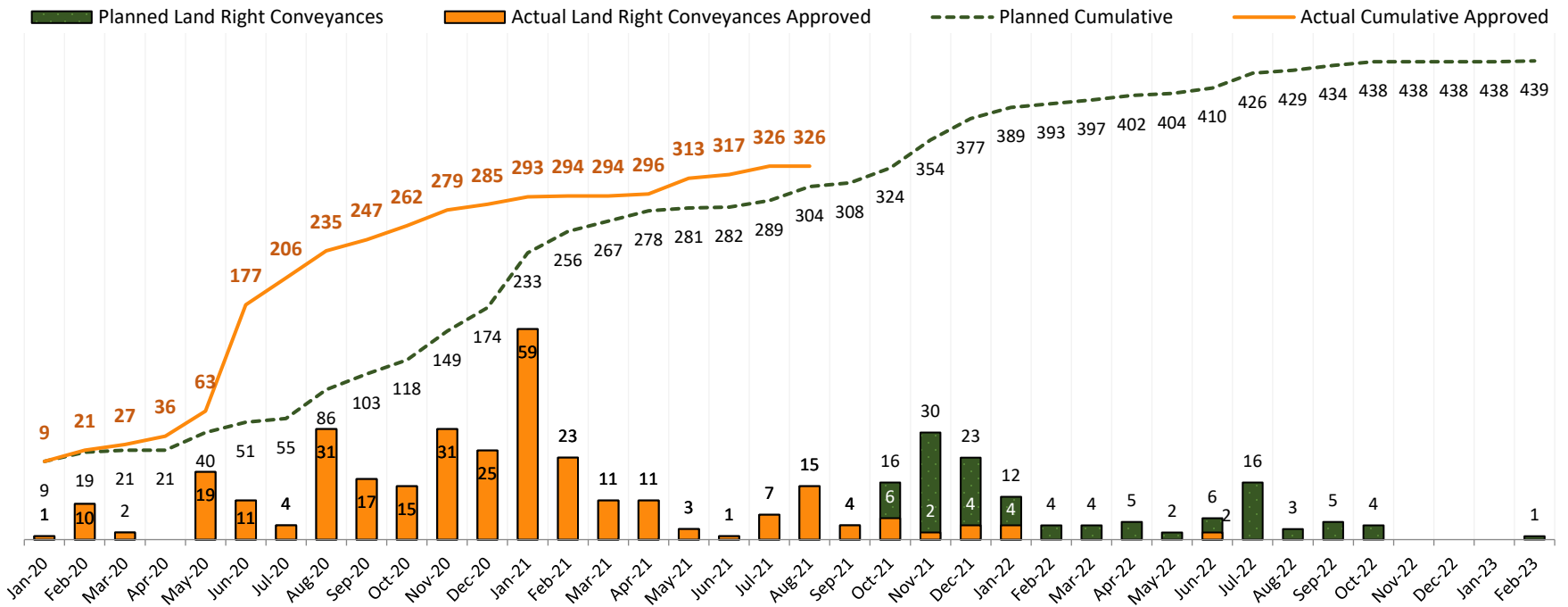
1. This reflects the current Revised Baseline Schedules (RBS) Revision 2 for CP 1.

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

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

Construction Package	Total Needed Land Right Conveyances August 31, 2021	Total Land Right Conveyances Approved ⁽³⁾ to Date August 31, 2021	Remaining Land Right Conveyances to be Approved August 31, 2021
CP 1	439	326	113

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



Notes:

1. This projection is based on the Revised Baseline Schedules (RBS) Revision 2 for CP 1.
2. Actual Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. The term "Approved" is defined as land right conveyances with Director of Real Property for signature, PG&E for signature, or recorded.

CONSTRUCTION PACKAGE 2-3 (CP 2-3) OVERVIEW⁽¹⁾

CP 2-3 – Design-Build Contract Summary⁽²⁾

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
LNTP Date:	06/12/2015
NTP Date:	07/25/2015
Original Completion Date:	08/19/2019
Current Forecast Contract Completion Date ⁽³⁾ :	03/06/2024
Current Forecast Substantial Completion Date⁽⁴⁾:	12/31/2023

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:	\$779,330,752.42
Current Contract Amount:	\$2,144,666,642.42
Approved Invoices to Date:	\$1,424,109,198.31
Remaining Contract Balance:	\$720,557,444.11

Contract Time Status

Description	Duration
Original Contract Days:	1,486
Extension of Time Awarded:	1,595
Current Forecast Contract Days:	3,081
Calendar Days Worked (thru 08/31/2021):	2,229

Expended to Date Percentage

Description	Percentage
Time:	72.3%
Dollars:	66.4%

Growth Percentage

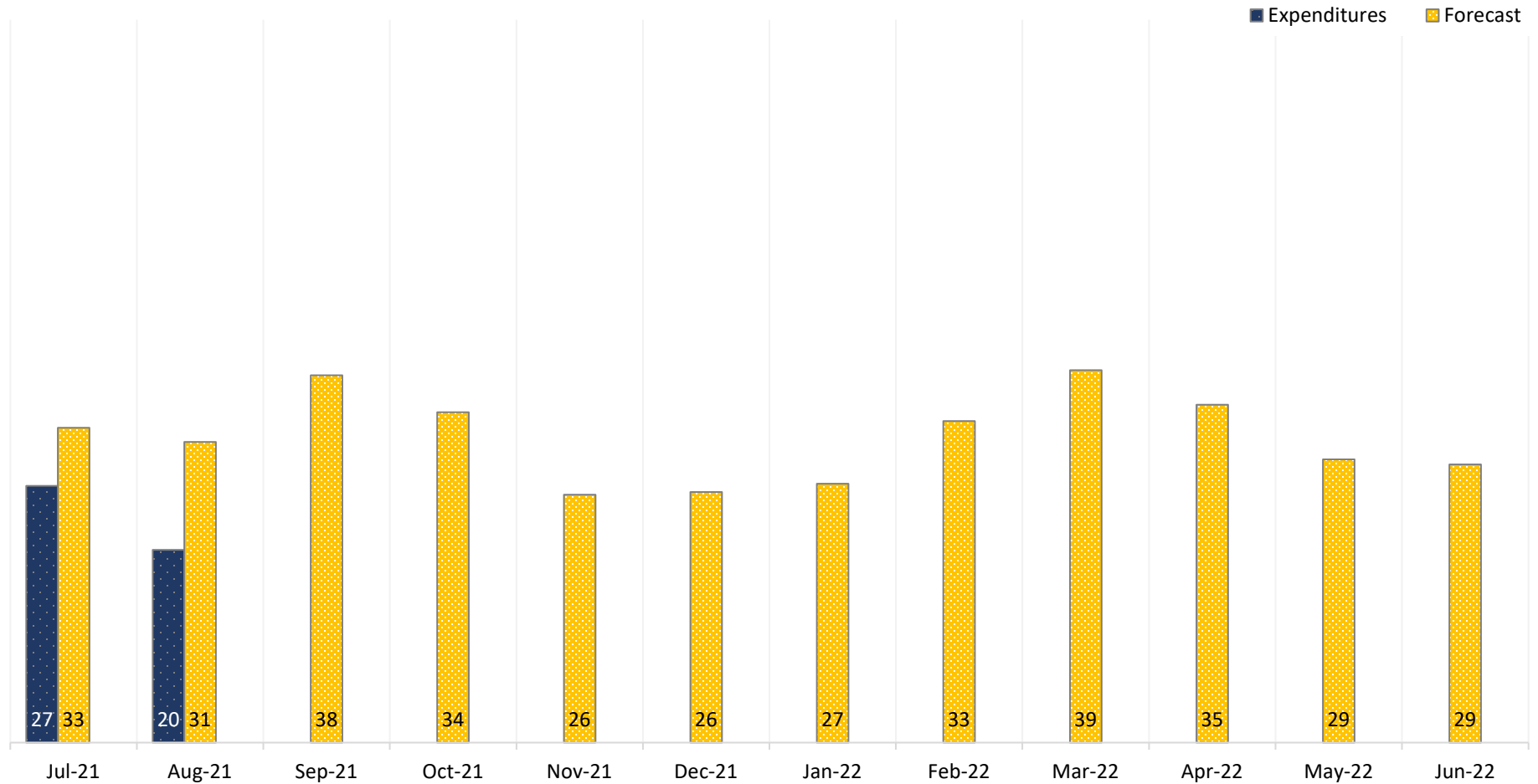
Description	Percentage
Time:	107.3%
Dollars:	57.1%

Notes:

- Information in this section is coming from data provided by the PCM – Monthly Status Report.
- The dollar values above remain at Revised Baseline Schedules (RBS) Revision 1 data.
- Updated to align with Current Forecast Substantial Completion Date based on Revised Baseline Schedules (RBS) Revision 2 (pending executed change order).
- RBS Revision 2 Current Forecast Substantial Completion Date (pending executed change order) – December 31, 2023.
- Contract Time Status (Extension of Time Awarded and Current Forecast Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Forecast Substantial Completion Date.

CP 2-3 – Design-Build Expenditures

CP 2-3 – Monthly Expenditures vs. Fiscal Year Design-Build Planned (\$ Millions)



Notes:

1. The projections are subject to change pending the approval of the Revised Baseline Schedule (RBS) Revision 2.
2. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
3. ROW acquisition delayed at various locations. ROW resolution at Tule River opens the entire Tule River Viaduct area for construction, which facilitates an increase in production.
4. Multiple structure and guideway locations were not able to start as planned due to prolonged ROW acquisitions.

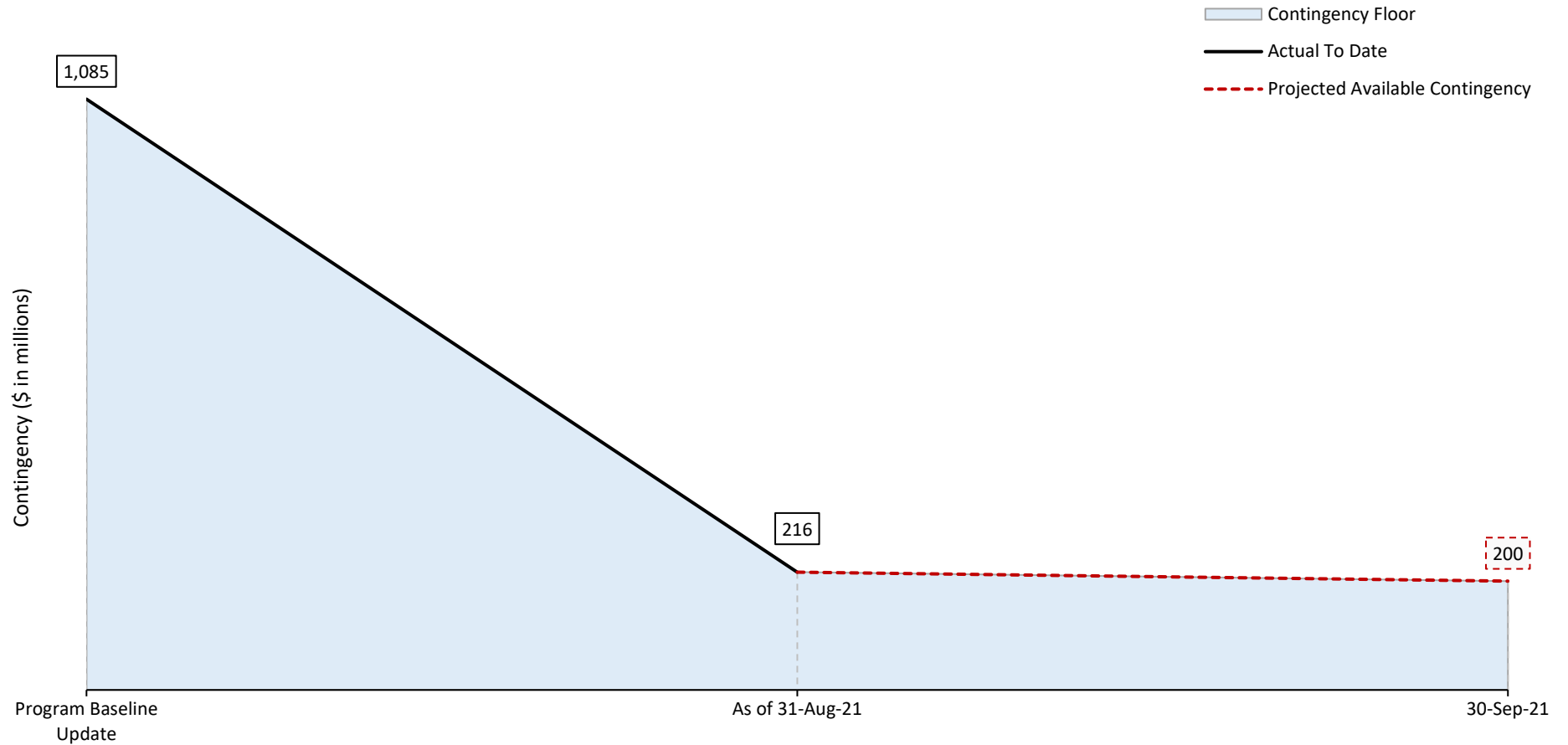
CP 2-3 – Change Orders

CP 2-3 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
	None			
	TOTAL			

CP 2-3 – Risk Contingency

CP 2-3 – Risk Contingency Status

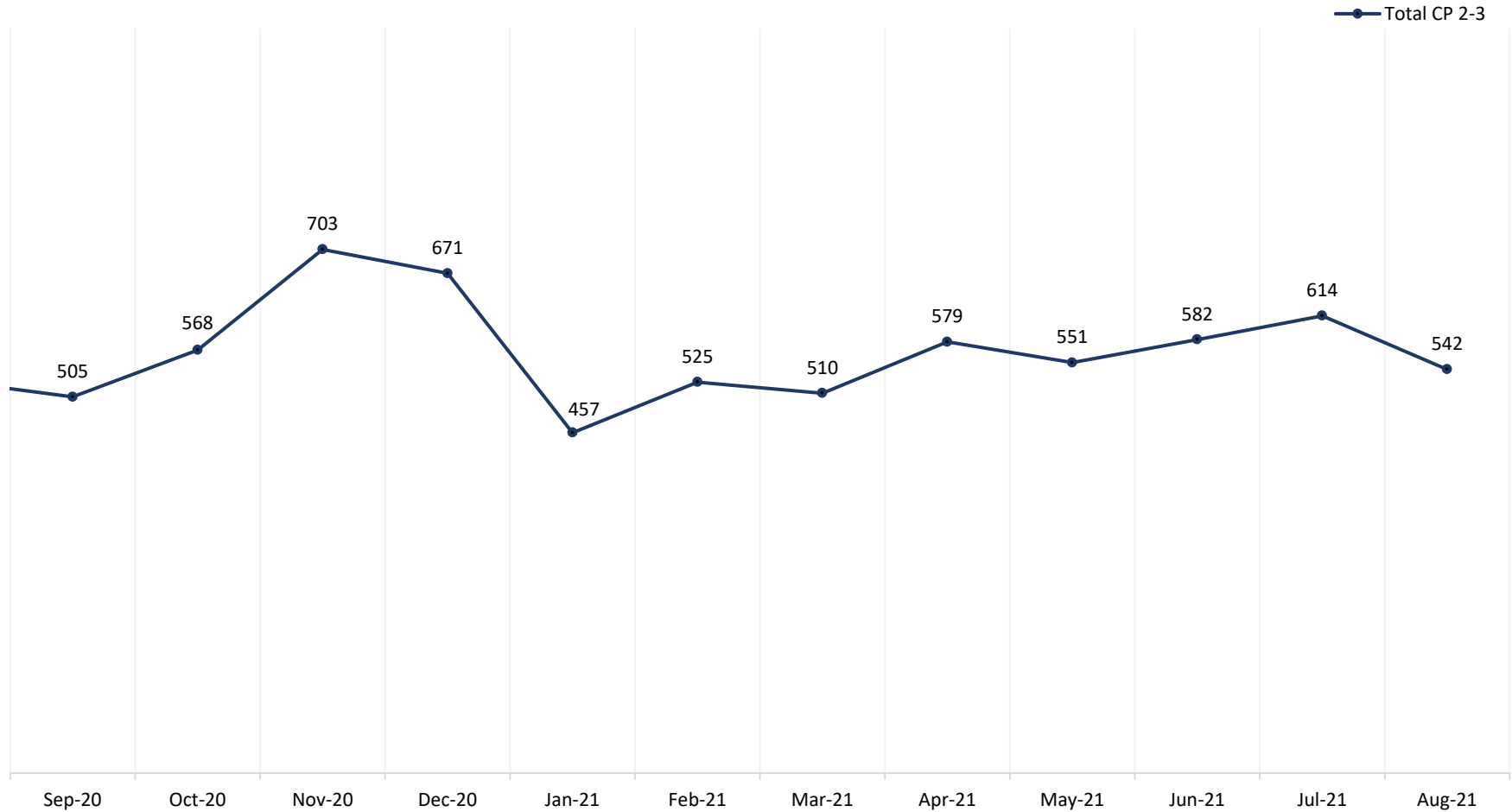


Notes:

1. The contingency drawdown curve has been revised to reflect projected contingency drawdown for the entire CP 1-4 Project through the end of the current quarter (30-Sep-21).
2. Based on the current change order forecast, this is the expected drawdown on the CP Revision 1 budgeted contingency. New budgeted contingency values for the CP will be established in Revision 2 (currently pending approval).
3. Forecasted drawdown is based on the DB contingency only. No forecasts have been provided for Project and Construction Management (PCM), ROW, Provisional Sum, or Third-Party Allocated Contingency.
4. Remaining contingency balance reflects executed change orders and BOC approved items.
5. Contingency Report Charts have been updated based on updated change order forecasts.

CP 2-3 – Monthly Construction Labor

CP 2-3 – Monthly Construction Workforce Total – Actual

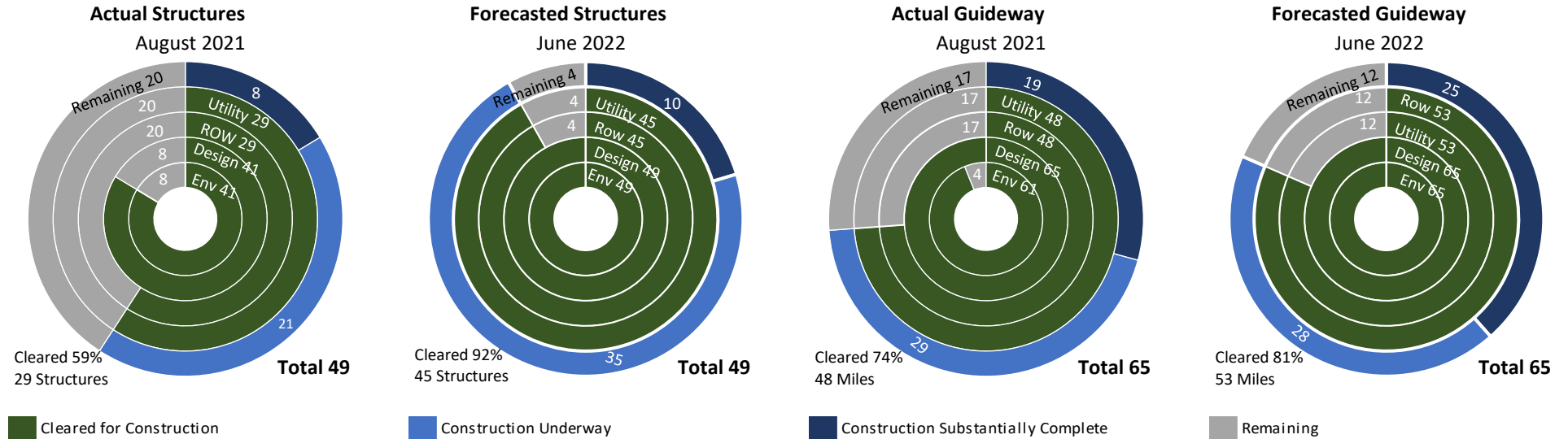


Notes:

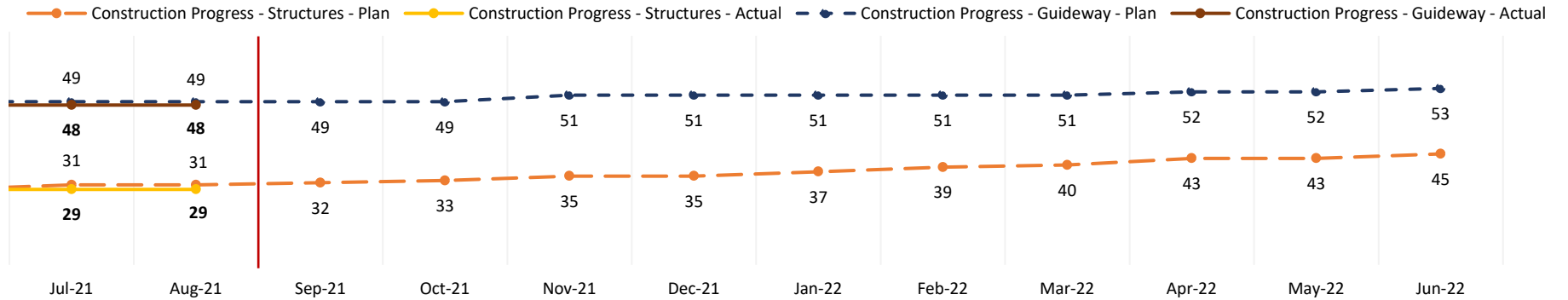
1. The construction labor numbers (full-time employees) are based on the working calendar month.
2. The data represents the overall total on a per working calendar month average status.
3. The drop in labor was due to completion of the import on the high-speed rail embankment south of Avenue 156 and additional ROW pending availability.

CP 2-3 – Construction Progress

CP 2-3 – Construction Progress



CP 2-3 – Structures and Guideway Progress – Planned vs. Actual



Notes:

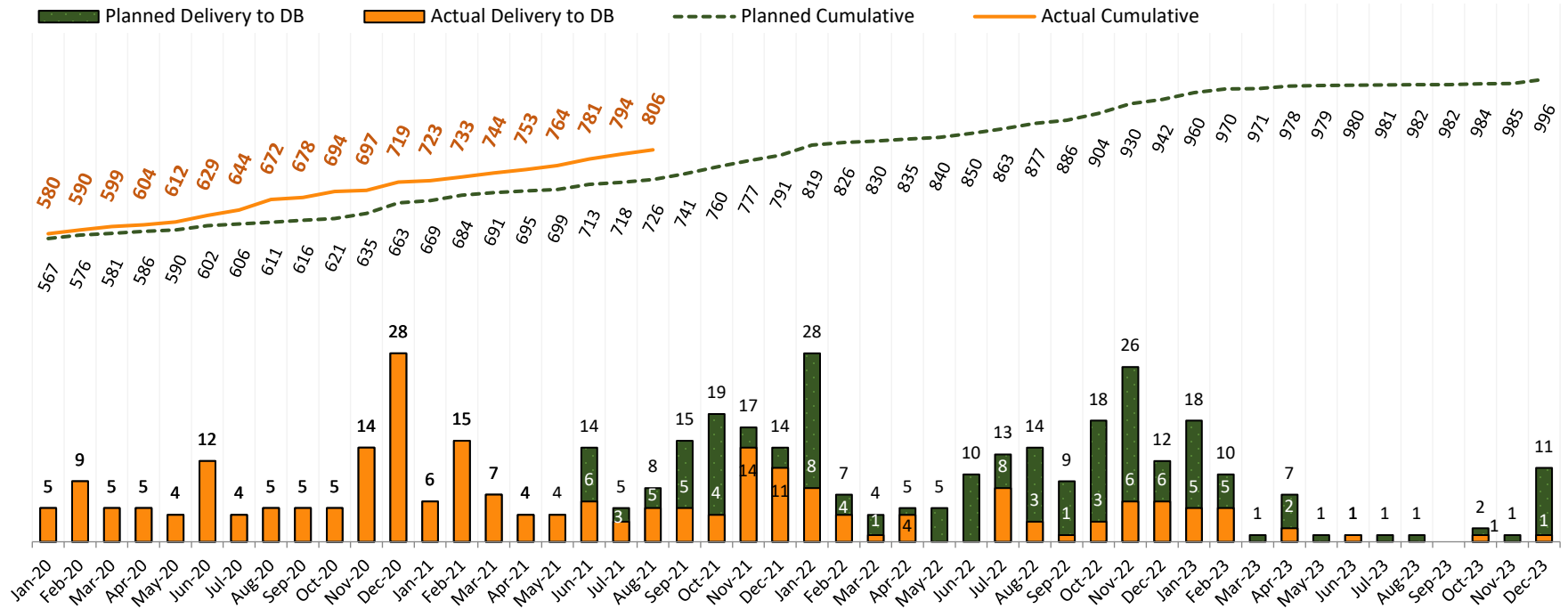
- The chart above incorporates Revised Baseline Schedules (RBS) Revision 2 data.
- Total Structures: 49 each:
 - 29 structures underway/substantially complete. Two behind. Grangeville Avenue and Deer Creek Viaduct pending ROW acquisition. Estimated for November 2021.
- Total Guideway: 65 miles:
 - 48 miles underway/substantially complete. One mile behind plan south of Dutch John Cut pending ROW acquisition. Not on the critical path.

CP 2-3 – Right-of-Way (ROW)

CP 2-3 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels August 31, 2021	Total Parcels Delivered to Date August 31, 2021	Remaining Parcels to be Delivered August 31, 2021
CP 2-3	996	806	190

CP 2-3 – Parcel Delivery to Design-Builder (DB) Summary



Notes:

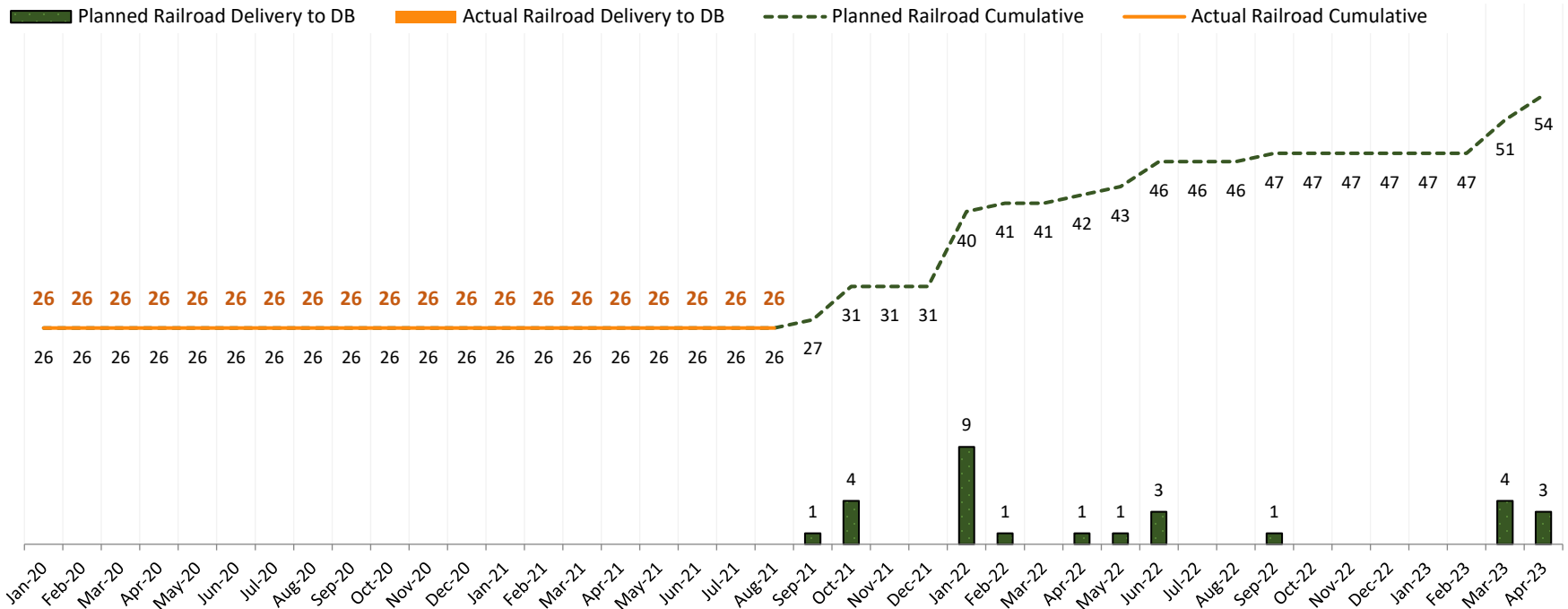
1. This reflects the current Revised Baseline Schedules (RBS) Revision 2 for CP 2-3.
2. Actual cumulative line for August 2021 reflects delivered parcels that are forecasted in future months.

CP 2-3 – Right-of-Way (ROW) Railroad

CP 2-3 – Right-of-Way (ROW) Railroad Summary

Construction Package	Total Needed Railroad Parcels August 31, 2021	Total Railroad Parcels Delivered to Date August 31, 2021	Remaining Railroad Parcels to be Delivered August 31, 2021
CP 2-3	54	26	28

CP 2-3 – Railroad Parcel Delivery to Design-Builder (DB) Summary



Note:

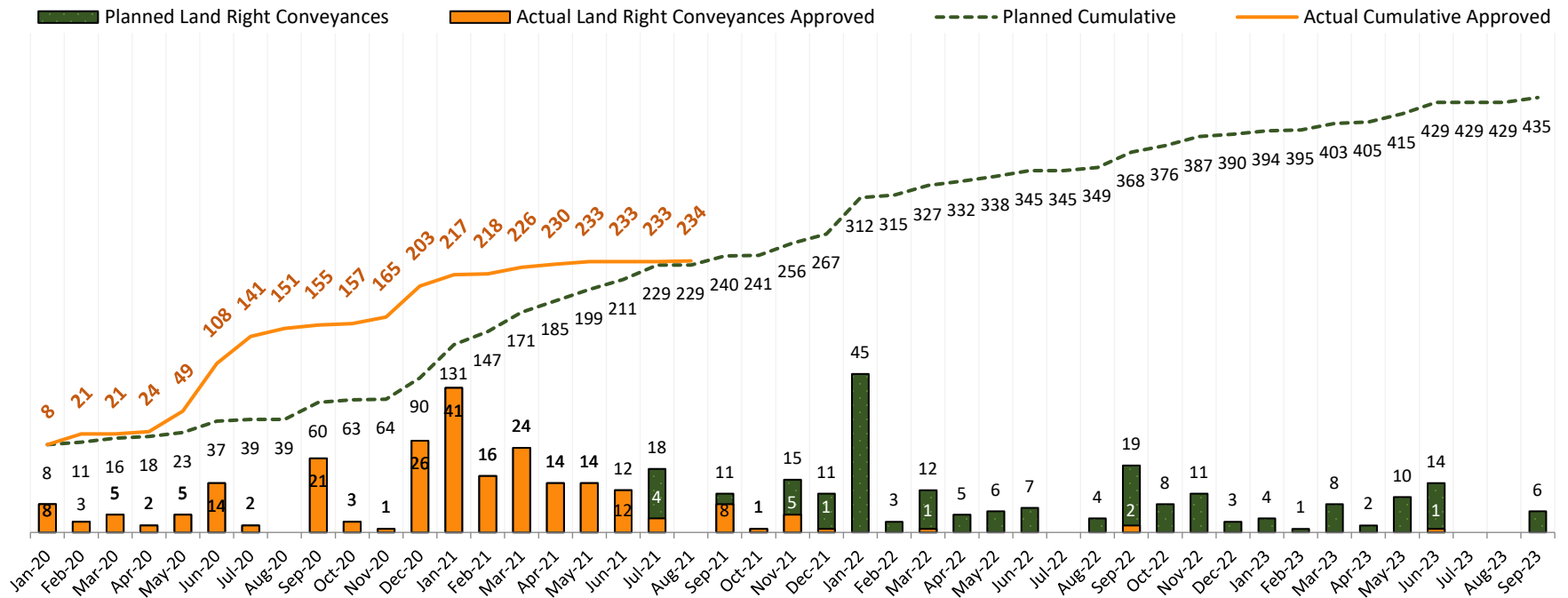
1. This reflects the current Railroad Revised Baseline Schedules (RBS) Revision 2 for CP 2-3.

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

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 August 31, 2021	Total Land Right Conveyances Approved ⁽³⁾ to Date August 31, 2021	Remaining Land Right Conveyances to be Approved August 31, 2021
CP 2-3	435	234	201

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 (RBS) Revision 2.
2. Actual Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. 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⁽¹⁾

CP 4 – Design-Build Contract Summary⁽²⁾

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 Forecast Contract Completion Date ⁽³⁾ :	08/10/2022
Current Forecast Substantial Completion Date⁽⁴⁾:	06/22/2022

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:	\$200,066,693.14
Current Contract Amount:	\$644,313,693.14
Approved Invoices to Date:	\$472,897,823.00
Remaining Contract Balance:	\$171,415,870.14

Current Time Status

Description	Duration
Original Contract Days:	1,144
Extension of Time Awarded:	1,115
Current Forecast Contract Days:	2,259
Calendar Days Worked (thru 08/31/2021):	1,964

Expended to Date

Description	Percentage
Time:	86.9%
Dollars:	73.4%

Growth Percentage

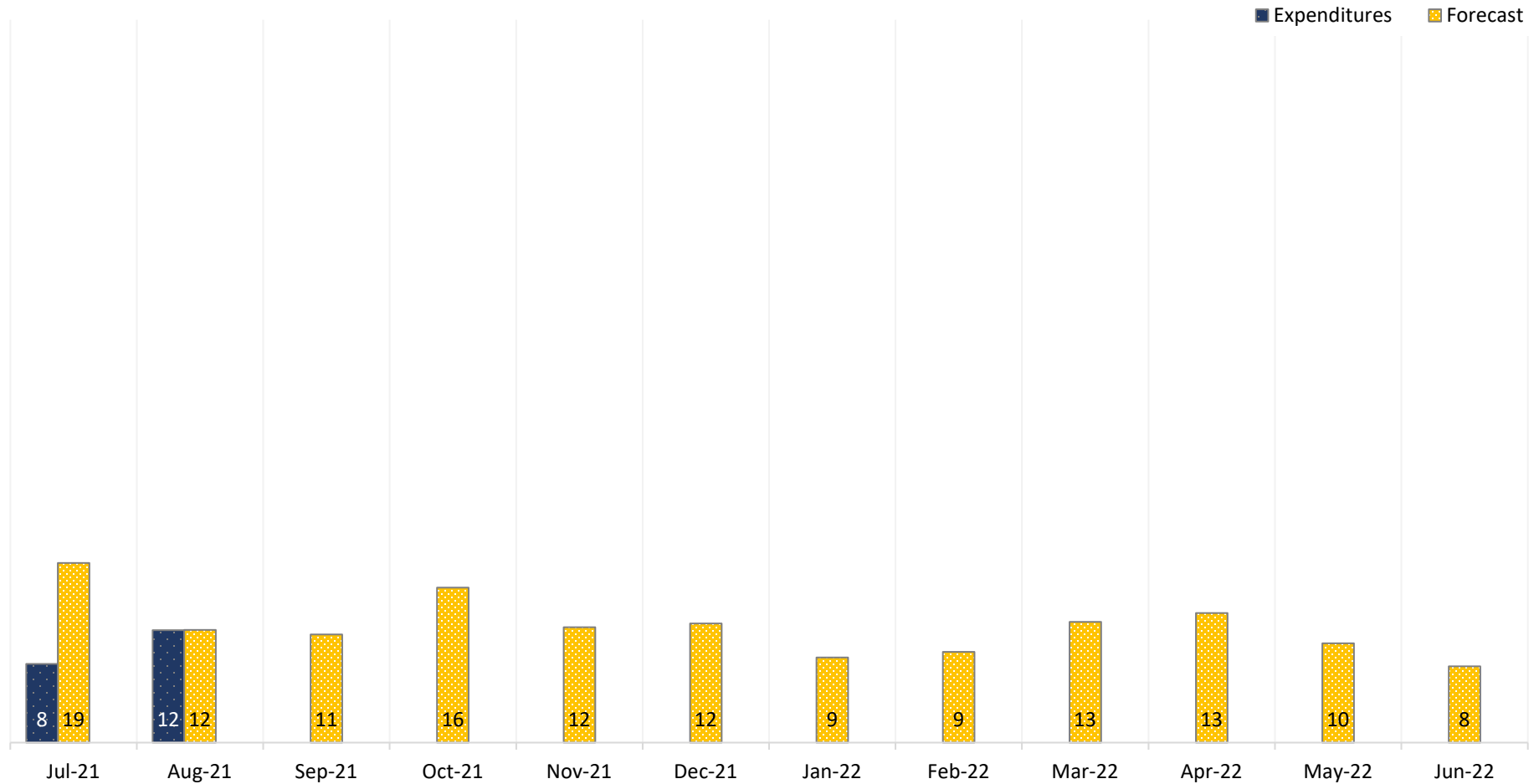
Description	Percentage
Time:	97.5%
Dollars:	45.0%

Notes:

- Information in this section is coming from data provided by the PCM – Monthly Status Report.
- The dollar values above remain at Revised Baseline Schedules (RBS) Revision 1 data.
- Updated to align with Current Forecast Substantial Completion Date based on Revised Baseline Schedules (RBS) Revision 2 (pending executed change order).
- Revised Baseline Schedules (RBS) Revision 2 Current Forecast Substantial Completion Date (pending executed change order) – June 22, 2022.
- Contract Time Status (Extension of Time Awarded and Current Forecast Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Forecast Substantial Completion Date.

CP 4 – Design-Build Expenditures

CP 4 – Monthly Expenditures vs. Fiscal Year Design-Build Planned (\$ Millions)



Notes:

1. The projections are subject to change pending the approval of the Revised Baseline Schedule (RBS) Revision 2.
2. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
3. The total year forecast of \$144M for CP 4 differs from the Capital Outlay report amount of \$148M due to a \$4M reconciling (classification) item for which the disposition will be finalized in a future report.
4. ROW acquisitions have been delayed at various locations, environmental compliance issues, and utilities clearance conflicts have impacted the construction progression in the northern and central segments.

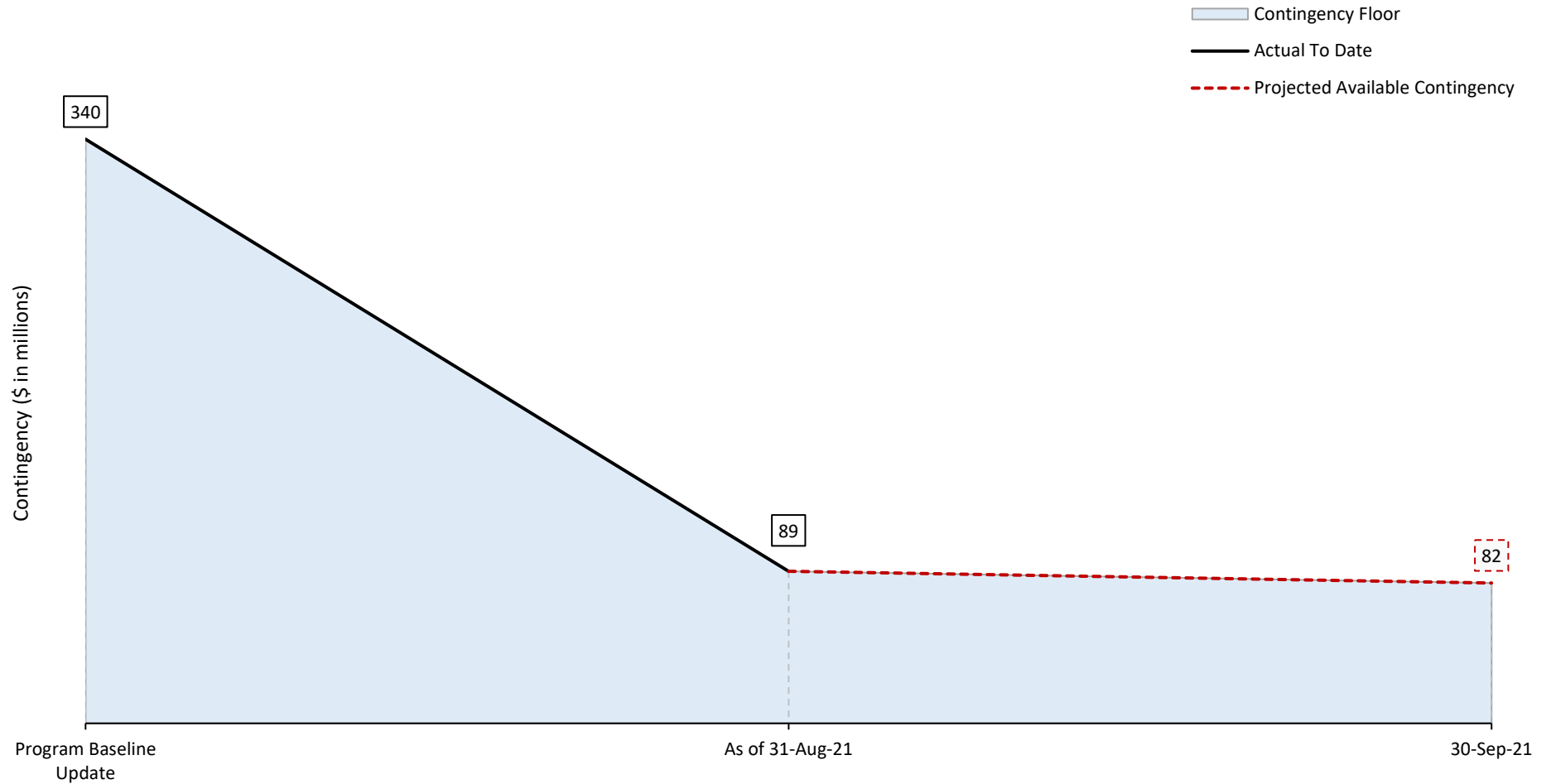
CP 4 – Change Orders

CP 4 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
91R1	Escalation Payment for the period from August 01, 2019 through March 31, 2021	Executed	\$1,485,975.00	26-Aug-21
TOTAL			\$1,485,975.00	

CP 4 – Risk Contingency

CP 4 – Risk Contingency Status

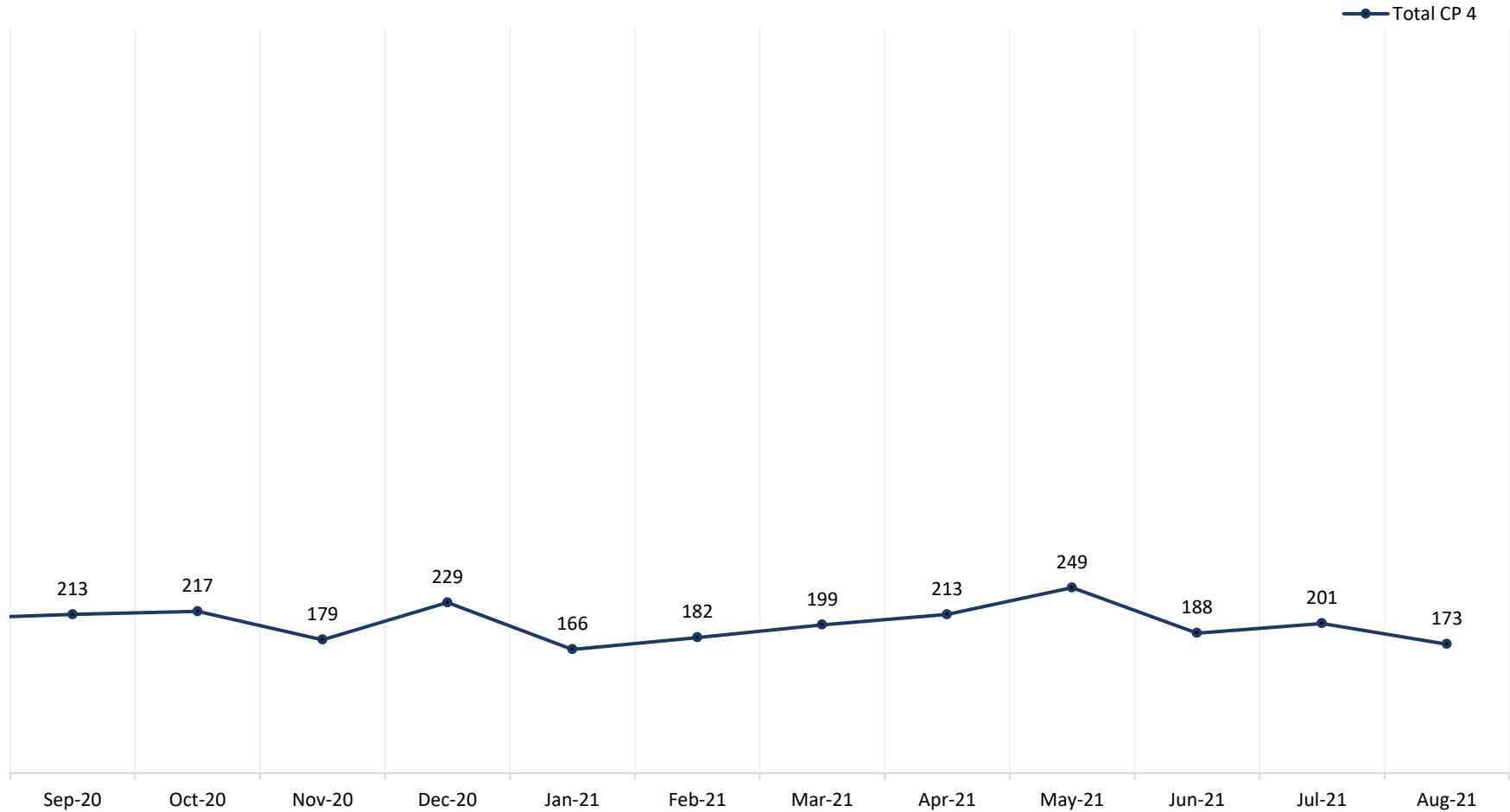


Notes:

1. The contingency drawdown curve has been revised to reflect projected contingency drawdown for the entire CP 1-4 Project through the end of the current quarter (30-Sep-21).
2. Based on the current change order forecast, this is the expected drawdown on the CP Revision 1 budgeted contingency. New budgeted contingency values for the CP will be established in Revision 2 (currently pending approval).
3. Forecasted drawdown is based on the DB contingency only. No forecasts have been provided for Project and Construction Management (PCM), ROW, Provisional Sum, or Third-Party Allocated Contingency.
4. Remaining contingency balance reflects executed change orders and BOC approved items.
5. Contingency Report Charts have been updated based on updated change order forecasts.

CP 4 – Monthly Construction Labor

CP 4 – Monthly Construction Workforce Total – Actual

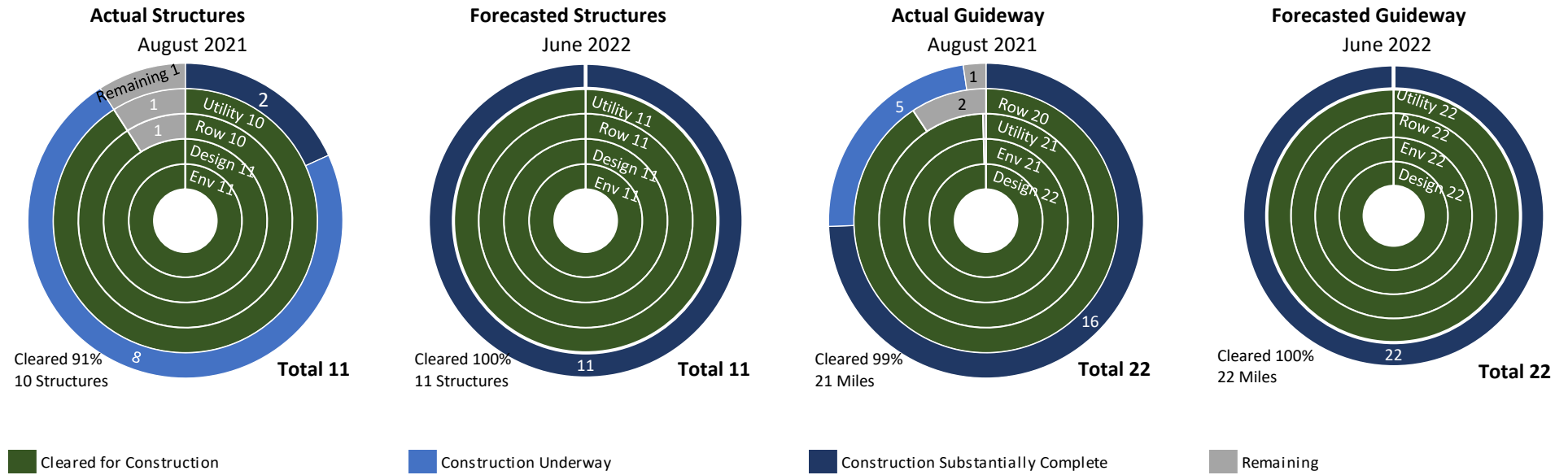


Notes:

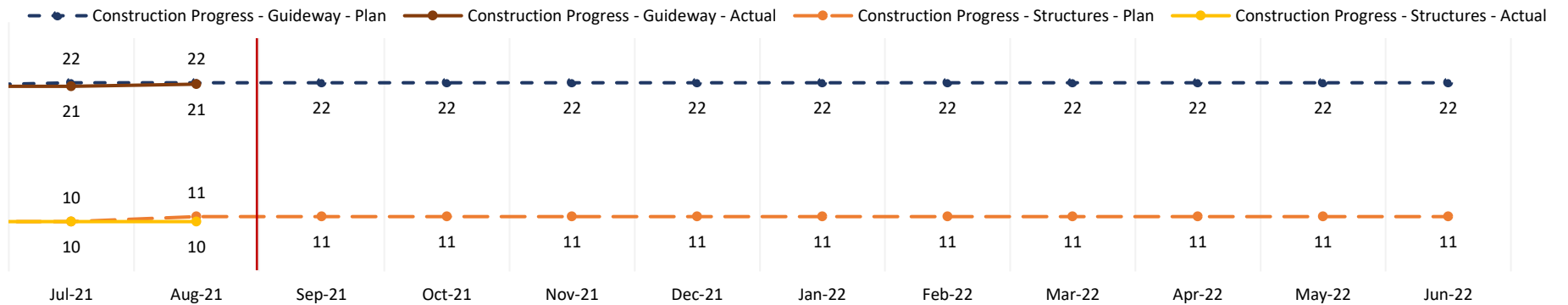
1. The construction labor numbers (full-time employees) are based on the working calendar month.
2. The data represents the overall total on a per working calendar month average status.
3. The labor numbers are lower due to lack of dirt hauling (trucking) as most available areas are complete.

CP 4 – Construction Progress

CP 4 – Construction Progress



CP 4 – Structures and Guideway Progress – Planned vs. Actual



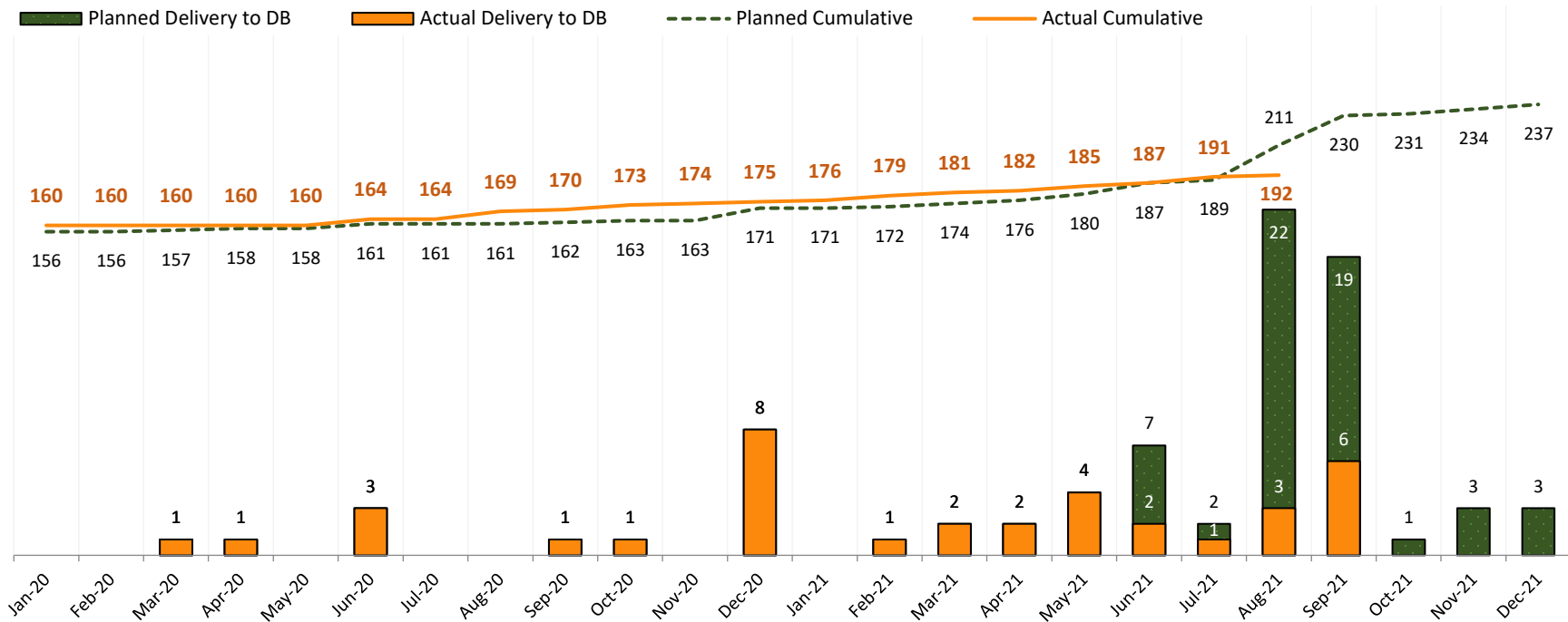
- Notes:**
- The chart above incorporates Revised Baseline Schedules (RBS) Revision 2 data.
 - Total Structures: 11 structures:
 - 10 structures underway/substantially complete. One behind. Construction of the Amtrak pedestrian underpass is expected to start in October 2021.
 - Total Guideway: 21 miles. The actual miles for CP 4 are 21.5 miles but rounded to 22 miles for consistency in reporting:
 - 21 miles underway/substantially complete. One mile behind (actual Guideway miles are 21.3 – rounded to 21). Environmental cleared in August and currently seeking approval of Wildlife Exclusion Fencing.

CP 4 – Right-of-Way (ROW)

CP 4 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels August 31, 2021	Total Parcels Delivered to Date August 31, 2021	Remaining Parcels to be Delivered August 31, 2021
CP 4	237	192	45

Construction Package Total Needed Parcels



Notes:

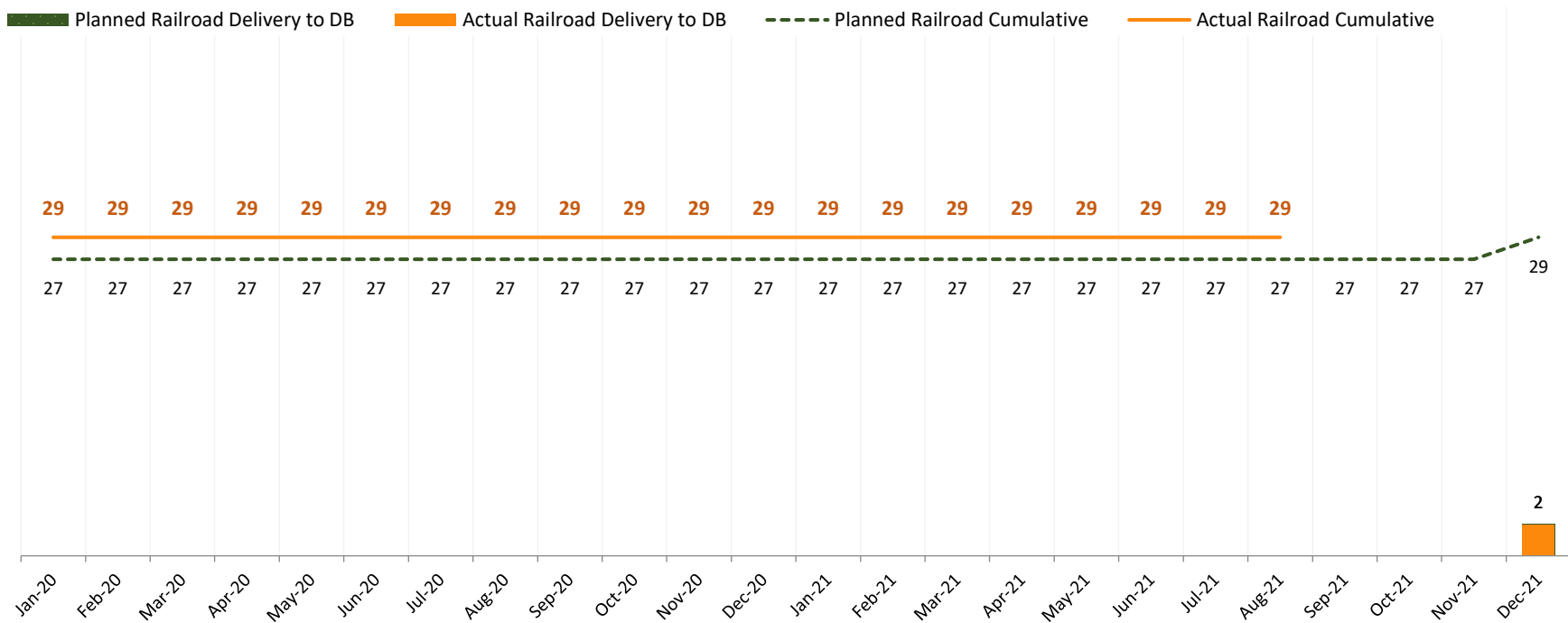
1. This reflects the current Railroad Revised Baseline Schedules (RBS) Revision 2 for CP 4.
2. Actual cumulative line for August 2021 reflects delivered parcels that are forecasted in future months.

CP 4 – Right-of-Way (ROW) Railroad

CP 4 – Right-of-Way (ROW) Railroad Summary

Construction Package	Total Needed Railroad Parcels August 31, 2021	Total Railroad Parcels Delivered to Date August 31, 2021	Remaining Railroad Parcels to be Delivered August 31, 2021
CP 4	29	29	0

CP 4 – Railroad Parcel Delivery to Design-Builder (DB) Summary



Notes:

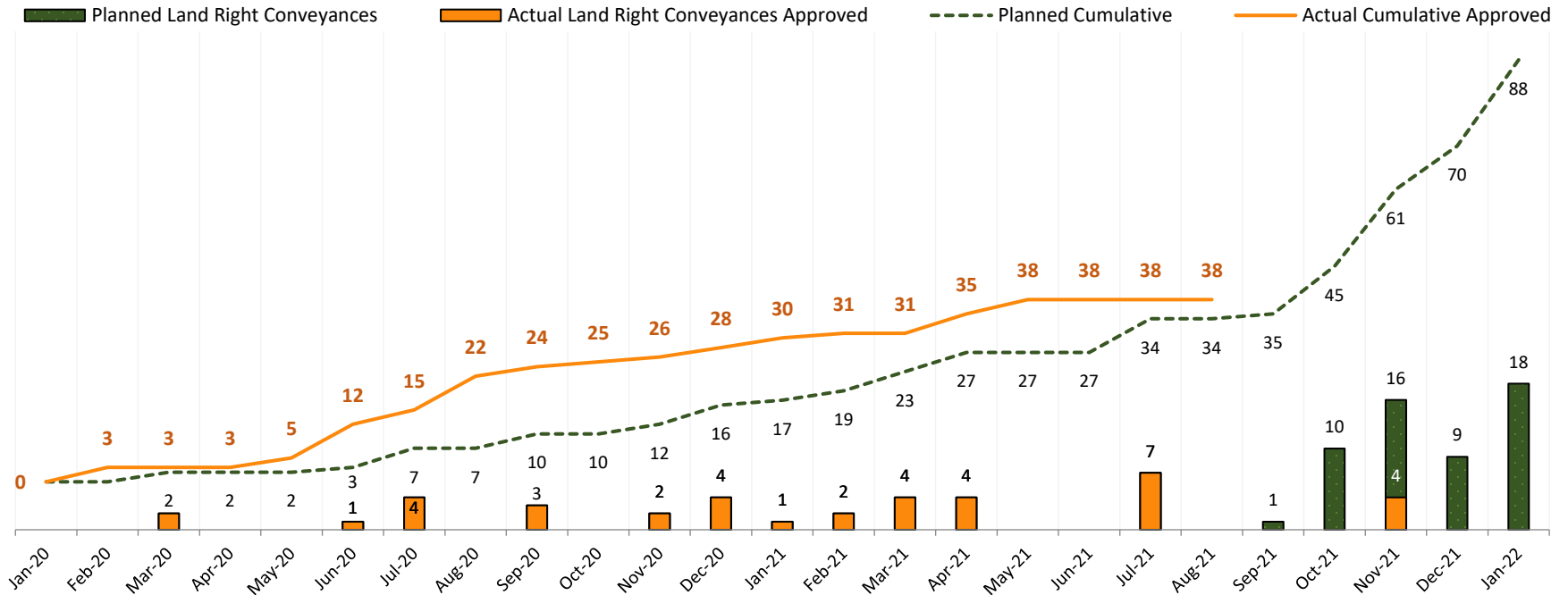
1. This reflects the current Railroad Revised Baseline Schedules (RBS) Revision 2 for CP 4.
2. Actual Railroad Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. January 2020 cumulative includes two delivered CP 4 Railroad parcels not previously reported.

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

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

Construction Package	Total Needed Land Right Conveyances August 31, 2021	Total Land Right Conveyances Approved ⁽³⁾ to Date August 31, 2021	Remaining Land Right Conveyances to be Approved August 31, 2021
CP 4	88	38	50

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 (RBS) Revision 2 for CP 4.
2. Actual Cumulative for August 2021 includes completed land right conveyances that are forecasted in future months.
3. 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 (Environmental Clearance) – Record of Decision (ROD)

Project Development Schedule (to ROD)

Program Priority	Segment	Progress	Complete Purpose and Need Statement		Complete Alternatives Analysis		Board Concurrence of Preliminary Preferred Alt. Draft EIR/EIS		Publish Draft EIR/EIS		Publish Final EIS and Obtain ROD		Date EIR/EIS To Be Completed	
			Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current
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%
Document Complete	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%
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-22 Apr-22 63%	Jun-22 Apr-22 65%	Apr-22	Apr-22
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%	Mar-22 Mar-22 68%	Mar-22 Mar-22 72%	Mar-22	Mar-22
3	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%	May-22 Jun-22 95%	May-22 Jun-22 96%	Jun-23 Jul-23 0%	Jun-23 Jul-23 ¹ 0%	Jul-23	Jul-23
4	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%	Dec-21 Nov-21 82%	Dec-21 Dec-21 ² 85%	Nov-21	Dec-21
5	Palmdale to Burbank	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Sep-21 Nov-21 86%	Sep-21 Nov-21 88%	Dec-22 Dec-22 0%	Dec-22 Dec-22 ³ 0%	Dec-22	Dec-22
6	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%	Jun-21 Aug-21 ⁴ 96%	Complete Complete 100%	Aug-21	Complete Complete 100%
7	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:**
- Four-month delay was incorporated in June 2021 due to ongoing delays in transportation and air quality work, key decisions made after March 2021, and additional transportation analysis requirements.
 - One-month delay this period to incorporate additional time for review, backcheck, and page-turn of the Final EIR/EIS. Board meeting for the Final EIR/EIS is being planned for December 2021.
 - Schedule indicates a 7-week delay - primarily due to addressing ~2,400 internal comments received on the ADEIR/S.
 - Two-month delay related to scheduling the two-day Board meeting for the B-P NOD/ROD approval (from June) to August 2021 (seven weeks).

Project Development – Key Actions

Project Development – Key Actions Summary

Project Section	Key Actions
San Francisco to San Jose	<p>Engineering and Environmental Consultant (EEC) addressed comments from Environmental Services (ES), NEPA Assignment Team (NAT), and Legal review of responses to public comments on Draft EIR/EIS and Administrative Final EIR/EIS.</p> <p>Comment period for Revised Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) will close on September 8, 2021.</p>
San Jose to Merced	<p>EEC addressing comments from the Cooperating and Responsible Agencies review of the Administrative Final EIR/EIS. Environmental Justice (EJ) content will be included in a separate agency review due to EJ analysis refinements in September 2021. EJ outreach scheduled for September 2021 for community input.</p> <p>Revising the draft Biological Opinion (Section 7 Consultation) for review by US Fish and Wildlife Service for submittal in September 2021.</p>
Central Valley Wye	<p>Regional Director continued discussions with City of Madera to address City’s concerns. Tolling agreement expires September 30, 2021.</p> <p>Permitting for the Central Valley Wye will progress following Board action on the Merced and Bakersfield extensions.</p>
Locally Generated Alternative	<p>Permitting for the Locally Generated Alternative will progress following Board action on the Merced and Bakersfield extensions.</p>
Bakersfield to Palmdale	<p>Briefings with Board Members and key stakeholders were conducted up to the Board Meeting.</p> <p>The Final EIR/EIS was presented to the Board on August 18, 2021 and was approved on August 19, 2021.</p> <p>The Notice of Determination (NOD) was posted on August 24, 2021. The ROD will be signed by the CEO in early September 2021.</p>
Palmdale to Burbank	<p>The RC team led workshops on the remaining sections of the ADEIR/S with unresolved comments, addressed all outstanding comments, and submitted the document for ES/NAT/Finishing Team/Legal backcheck on August 23, 2021. However, the level of effort needed to respond to 2,400 comments resulted in shifting the Public Circulation of the Draft EIR/EIS (from September 2021) to November 2021 (a 7-week delay).</p> <p>Weekly Production meetings continued, to assist with the coordination of the internal deadlines, outreach plans/deadlines, up to the release of the Draft EIR/EIS.</p>
Burbank to Los Angeles	<p>Continued preparing the Final EIR/EIS, which includes addressing comments received on the Administrative Final EIR/EIS.</p> <p>Continued work on design refinements including for the Metrolink Central Maintenance Facility (CMF) and relocation of extraction wells.</p> <p>Responded to comments received from FRA on the draft General Conformity Determination (GCD) and resubmitted the GCD for FRA to release for public review.</p>
Los Angeles to Anaheim	<p>ES and NAT continued a rolling review of available chapters and technical reports for the assembled Administrative Draft EIR/EIS.</p> <p>Continued integrating additional revised environmental deliverables from BNSF pertaining to the Colton and Lenwood project components into the assembled Administrative Draft EIR/EIS.</p> <p>Continued draft Preliminary Engineering for Project Definition (PEPD) reviews with external stakeholders.</p>