



Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

Supplemental Committee Report August 22, 2024 (Data Through June 30, 2024)

Executive Summary

Construction Packages (CP) Design-Build Expenditures (Page 4)

- June 2024 Expenditures totaled \$90.2M.
 - Construction Package 1 – Expenditures totaled \$33.5M. (Page 14)
 - Construction Package 2-3 – Expenditures totaled \$54.0M. (Page 23)
 - Construction Package 4 – Expenditures totaled \$2.8M. (Page 32)
- Total CP Cumulative Actual Expenditures – \$6,102.2M. (Pages 12, 22, 31)
- Total Cumulative Current Contract Amount – \$8,101.3M. (Pages 12, 22, 31)

Change Orders

- Executed Change Orders this period – 20 for a total of \$151.4M:
 - Construction Package 1 – 9 for a total of \$4.2M. (Page 15)
 - Construction Package 2-3 – 5 for a total of \$144.9M. (Page 24)
 - Construction Package 4 – 6 for a total of \$2.2M. (Page 33)

Risk Contingency (Page 5)

- Approved Contingency – \$6,103.9M budgeted contract contingency. Contingency balance is \$711.7M as of data date.
 - Construction Package 1 – \$2,853.4M budgeted contract contingency. Contingency balance is \$361.6M as of data date. (Page 16)
 - Construction Package 2-3 – \$2,712.5M budgeted contract contingency. Contingency balance is \$318.4M as of data date. (Page 25)
 - Construction Package 4 – \$538.0M budgeted contract contingency. Contingency balance is \$31.6M as of data date. (Page 34)

CP Construction Labor (Page 6)

- June 2024, Average Daily Site Workers (by Week) – 1,529 workers. An decrease of 32 workers from the previous period (1,561):
 - Construction Package 1 – 365 workers. An increase of 24 workers from the previous month (341). (Page 17)
 - Construction Package 2-3 – 1,091 workers. A decrease of 44 workers from the previous month (1,135). (Page 26)
 - Construction Package 4 – 73 workers. A decrease of 12 workers from the previous month (85). (Page 35)
- 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 7)

- Structures – 82 underway/construction complete compared to 93 structures total (88%). Two structures started and two structures completed in June 2024.
 - Construction Package 1 – 29 structures underway/construction complete (11 underway, 18 completed).
 - Construction Package 2-3 – 42 structures underway/construction complete (23 underway, 19 completed). Two structures started (Ave. 120 and Hanford Armona Ave.) and two structures completed (Mountain View Ave. and Floral Ave.) in June 2024.
 - Construction Package 4 – 11 of 11 structures completed.
- Guideway – 92 miles underway/construction complete compared to 119 miles total (77%). One mile of guideway started in June 2024.
 - Construction Package 1 – 20 miles underway/construction complete (18 underway, 2 completed).
 - Construction Package 2-3 – 50 miles underway/construction complete (15 underway, 35 completed). One mile of guideway started in June 2024.
 - Construction Package 4 – 22 miles underway/construction complete (1 underway, 21 completed).

Utility Relocations Status (Page 8)

- Relocated: 1,386 (75%); In Progress: 219 (12%); Approved to Start: 0 (0%); Not Started: 231 (13%); Total: 1,836. A total of 53 relocated in June 2024. A sequence of activities must be completed to begin utility relocation work. 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: 703 (71%); In Progress: 153 (15%); Approved to Start: 0 (0%); Not Started: 136 (14%); Total: 992.
 - Construction Package 2-3 – Relocated: 550 (78%); In Progress: 56 (8%); Approved to Start: 0 (0%); Not Started: 95 (14%); Total: 701.
 - Construction Package 4 – Relocated: 133 (93%); In Progress: 10 (7%); Approved to Start: 0 (0%); Not Started: 0 (0%); Total: 143.

CP Real Property/Right-of-Way (ROW) (Pages 10 - 11)

- Total Parcels Delivered to Date – 2,264 parcels compared to an estimated 2,289 parcels needed.
- Parcels Delivered to Design-Builder (DB) – Zero parcels in June 2024.
Construction Packages 1-4 – Zero parcels added for CP 1-4 and zero parcels removed. The Authority continues to receive requests for additional parcels primarily related to third-party requirements. The Authority reviews these as received and if merit is found, those parcels will be added and acquired per contractual terms.
- Total Railroad Parcels Delivered to Date – 153 parcels delivered compared to an estimated 176 total railroad parcels needed.
- Railroad Parcels Delivered to Design-Builder – Zero parcels in June 2024.
- The Authority is tracking acquisition of eighteen parcels not needed for substantial completion of CP 4.

Project Development (Environmental Clearance) Schedule – Notice of Determination (NOD)/Record of Decision (ROD) (Pages 40 - 41)

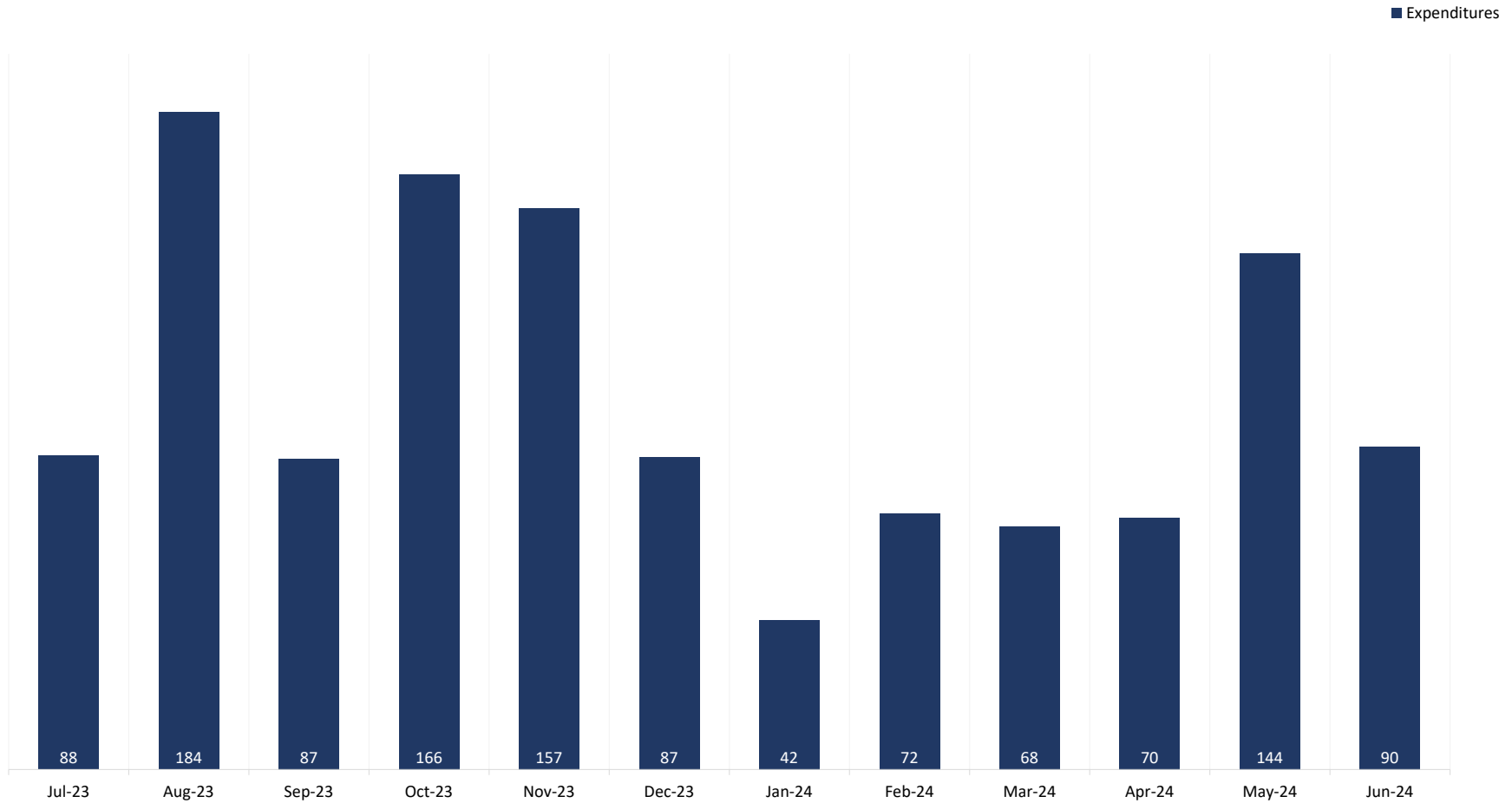
- San Francisco to San Jose – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- San Jose to Merced – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- Bakersfield to Palmdale – Work through NOD/ROD has been completed. Continued meeting with key stakeholders, including the Center for Biological Diversity.
- Palmdale to Burbank – Work through NOD/ROD has been completed.
- Burbank to Los Angeles – Work through NOD/ROD has been completed. Project closeout activities are ongoing.
- Los Angeles to Anaheim – Admin Draft EIR/EIS anticipated to be released by the end of Q3 2024. NOD/ROD anticipated in late 2025.

Project Development (Post-Record of Decision) Schedule (Page 41)

- Merced Extension (Merced to Madera) – Stantec Inc., under Agreement HSR22-02, continues to make progress on Stage 3, 30% design of this Project. On April 29, 2024, Notice to Proceed-2 (NTP-2) was issued to Stantec to advance to final design (100%) under Stage 4. Subsequently, Task Order #3B was issued to Stantec to develop the roadmap and project schedule for the Final Design (100%). The M2M contract, HSR 22-02 was amended on May 30, 2024 to increase the contract value to \$151.2 Million and extend the deadline to April 30, 2026. Task Order #4 was issued to Stantec for NTP-1 and NTP-3 (from July 1, 2024 to March 31, 2025) on June 27, 2024. Task Order #5 was issued to Stantec for NTP-2 early actions (from July 1 to July 31, 2024) on June 28, 2024.
- Fresno to Bakersfield Locally Generated Alternative (LGA) – HNTB Corporation (HNTB), under agreement HNTB Corporation (HNTB), under agreement HSR22-01, has provided various draft 30% deliverable for review and advancement towards final draft development (RW Impacts Report, Draft H&H and Drainage Plans, Street Improvement Plans, Various TSR Reports, Canal Plans, Temp Grade Crossing Plans, etc.) The LGA team met with executive staff on 7/18/24 to discuss the current utility plans and RW progression, and again on 7/24/24 to discuss the geotechnical investigation plans and proposed investigation procedures under development. Revision 2 of the Environmental Re-Exam is currently in approval review by the Authority. RW acquisition activities have started for the full alignment, with priority focus on 45 full take parcels.

CP 1-4 – Design-Build Expenditures

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

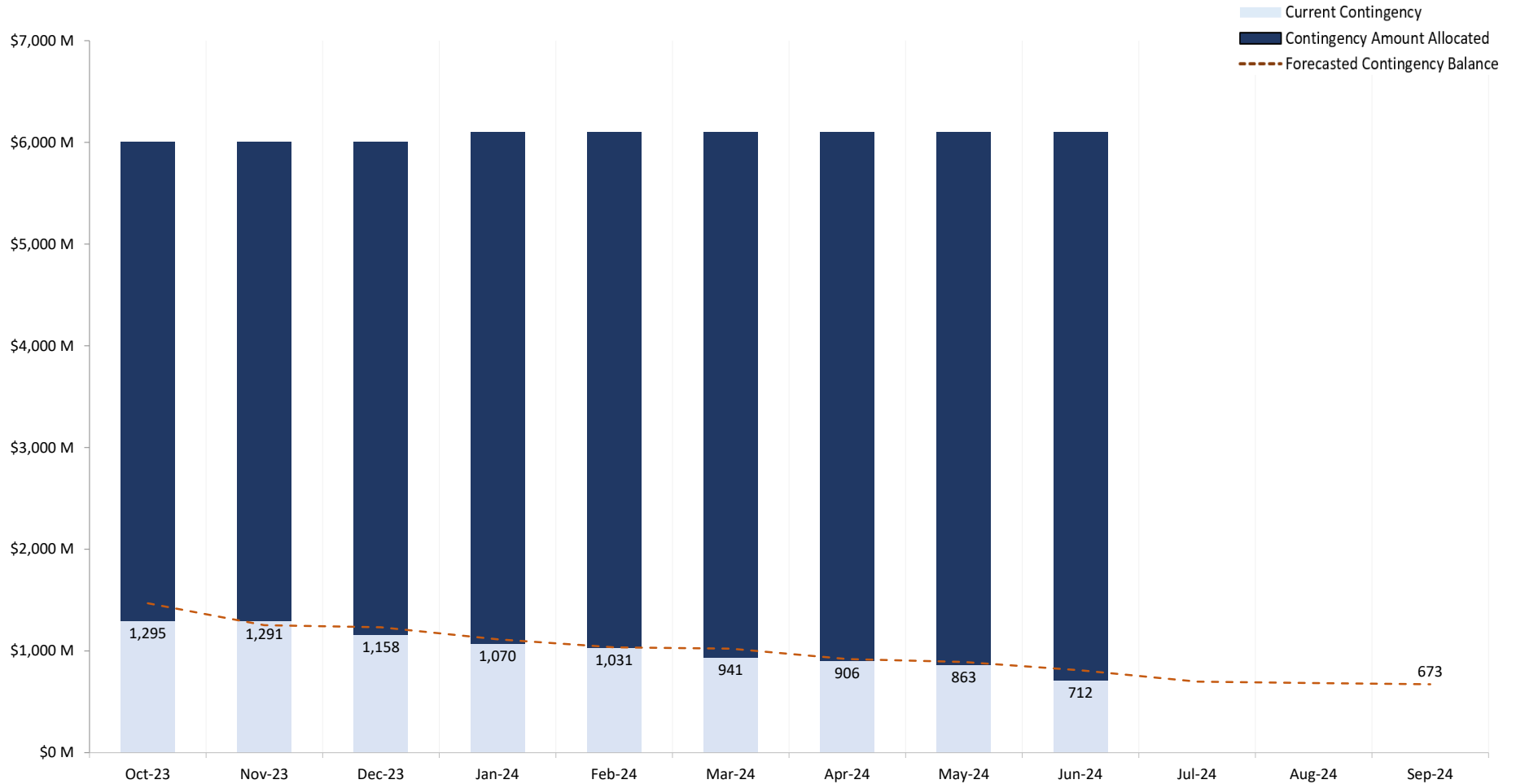


Notes:

1. June 2024 Expenditures totaled \$90.2M.
 - a. Construction Package 1 – Expenditures totaled \$33.5M.
 - b. Construction Package 2-3 – Expenditures totaled \$54.0M.
 - c. Construction Package 4 – Expenditures totaled \$2.8M.

CP 1-4 – Risk Contingency

CP 1-4 – Risk Contingency Status (\$ Millions)

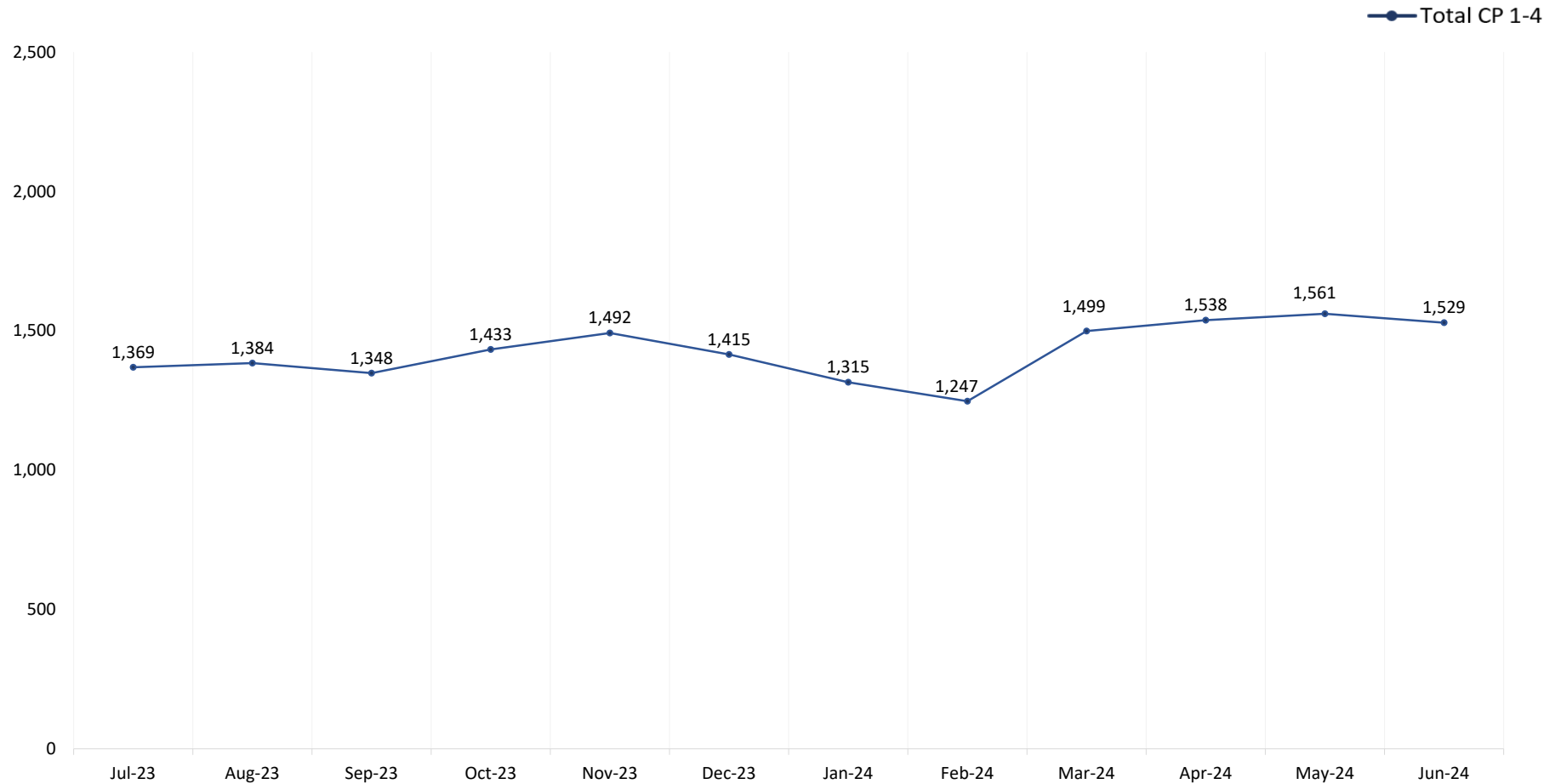


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 1, CP 2-3, and CP 4 budgeted contract contingency to \$6,103.9M.
2. Contingency Amount Allocated reflects all executed change orders and Business Oversight Committee (BOC) approved items for all CPs.
3. The Forecasted Contingency Balance drawdown curve is based only on agreed change orders expected to be executed within the three-month window. Due to change order negotiations and dispute resolution, timing and value of Forecasted Contingency Balance is uncertain.

CP 1-4 – Monthly Construction Labor

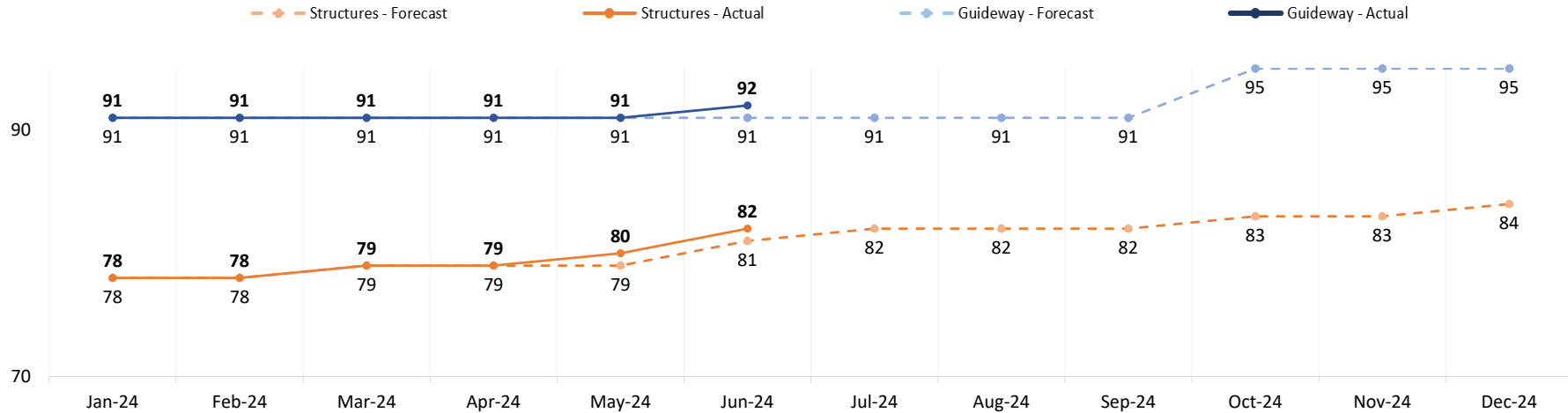
CP 1-4 – Monthly Construction Workforce Total – Actual (FTE)



- Notes:**
- The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
 - June 2024, Average Daily Site Workers (by week) – 1,529 workers. A decrease of 32 workers from the previous period (1,561).
 - Construction Package 1 (Page 17) – 365 workers. An increase of 24 workers from the previous month (341).
 - Construction Package 2-3 (Page 26) – 1,091 workers. A decrease of 44 workers from the previous month (1,135).
 - Construction Package 4 (Page 36) – 73 workers. A decrease of 12 workers from the previous month (85).

CP 1-4 – Construction Progress

CP 1-4 – Construction Progress to Completion – Forecast 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	
Guideway	18	2	15	35	1	21	34	58	92
Structures	11	18	23	19	0	11	34	48	82

Notes:

1. Construction Complete definition:
 - a. Structure Completion – all concrete work is complete.
 - b. Guideway Completion – earthworks complete with rough grading.
2. Total Structures: 93.
3. Structures – 82 underway/construction complete compared to 93 structures total (88%). Two structures started and two structures completed in June 2024.
 - a. CP 1 – 29 structures underway/construction complete.
 - b. CP 2-3 – 42 structures underway/construction complete. Two structures started (Ave. 120 and Hanford Armona Ave.) and two structures completed (Mountain View Ave. and Floral Ave.) in June 2024.
 - c. CP 4 – 11 of 11 structures completed.
4. Total Guideway: approximately 119 miles.
5. Guideway – 92 miles underway/construction complete compared to 119 miles total (77%). One mile of guideway started in June 2024.
 - a. CP 1 – 20 miles underway/construction complete.
 - b. CP 2-3 – 50 miles underway/construction complete. One mile of guideway started in June 2024.
 - c. CP 4 – 22 miles underway/construction complete. The actual miles for CP 4 are 21.5 miles but rounded to 22 miles for consistency in reporting.

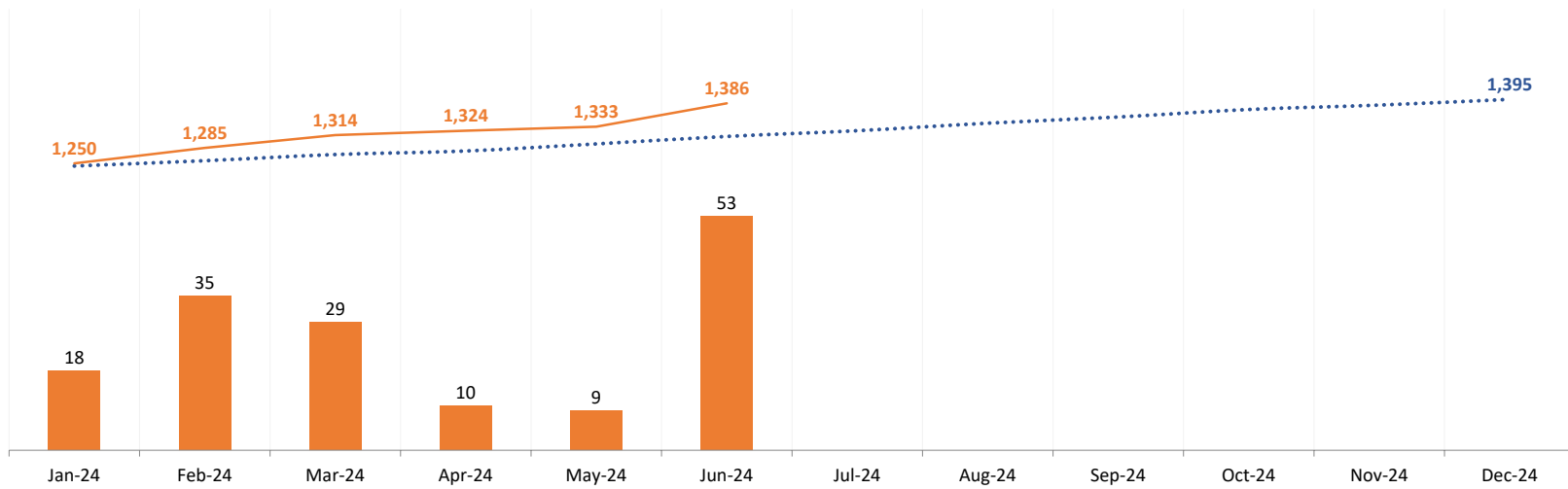
CP 1-4 – Utility Relocations

CP 1-4 – Right-of-Way (ROW) Summary

Construction Package	Total Relocations Jun 30, 2024	Total Utilities Relocated to Date Jun 30, 2024	Remaining Utility Relocations Jun 30, 2024
CP 1	992	703	289
CP 2-3	701	550	151
CP 4	143	133	10
Total	1,836	1,386	450

CP 1-4 – Utility Relocation Status Summary-Monthly

■ Monthly Relocations
 ⋯ Planned Cumulative
 — Actual Cumulative



CP 1-4 – Utility Relocation Summary

CP 1-4 – Summary by Utility Type

Utility	Status	CP 1	CP 2-3	CP 4	CP 1 - 4 Total	Percentage
Electric	NOT STARTED	62	71	0	133	20%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	17	32	0	49	7%
	RELOCATED	136	281	62	479	72%
	TOTAL	215	384	62	661	100%
Gas	NOT STARTED	17	9	0	26	21%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	10	0	0	10	8%
	RELOCATED	64	18	7	89	71%
	TOTAL	91	27	7	125	100%
Telecom	NOT STARTED	25	2	0	27	4%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	55	17	0	72	11%
	RELOCATED	335	214	32	581	85%
	TOTAL	415	233	32	680	100%
Wet	NOT STARTED	32	13	0	45	12%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	71	7	10	88	24%
	RELOCATED	168	37	32	237	64%
	TOTAL	271	57	42	370	100%

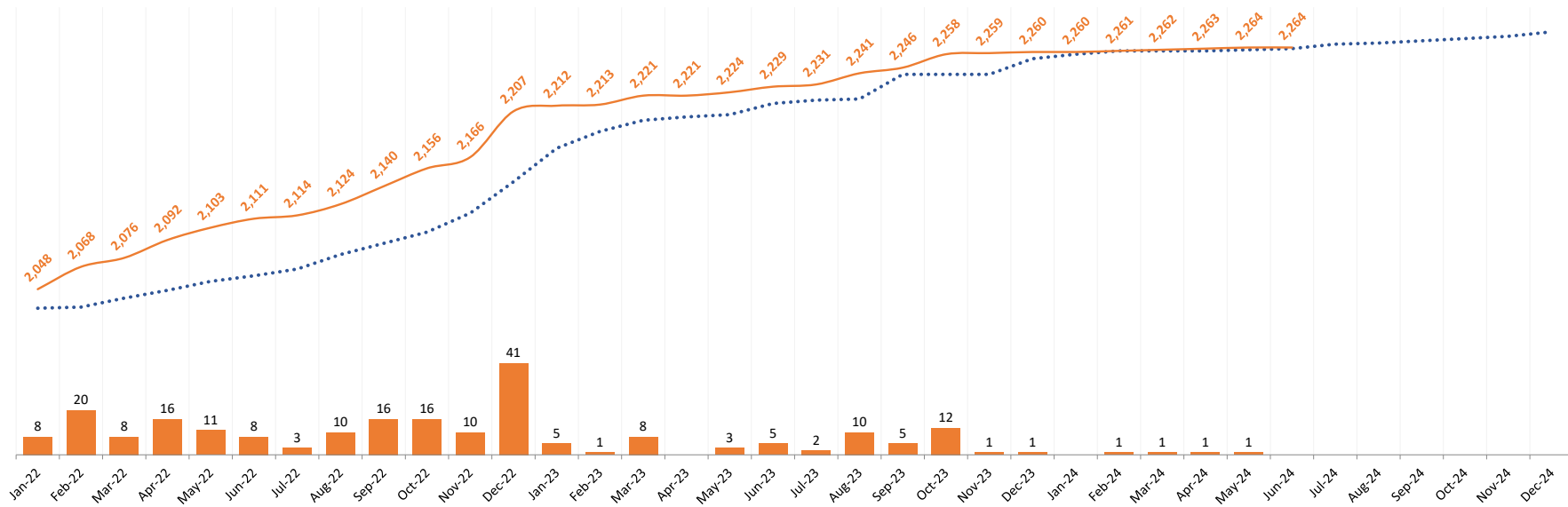
CP 1-4 – Real Property/Right-of-Way (ROW)

CP 1-4 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Jun 30, 2024	Total Parcels Delivered to Date Jun 30, 2024	Remaining Parcels to be Delivered Jun 30, 2024	Percentage Delivery
CP 1	1,079	1,066	13	99%
CP 2-3	987	975	12	99%
CP 4	223	223	0	100%
Total	2,289	2,264	25	99%

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

■ Actual Delivery to DB
 ⋯ Planned Cumulative
 — Actual Cumulative



Notes:

1. This reflects the actual parcels delivered to the Design-Builder by month and forecast dates.

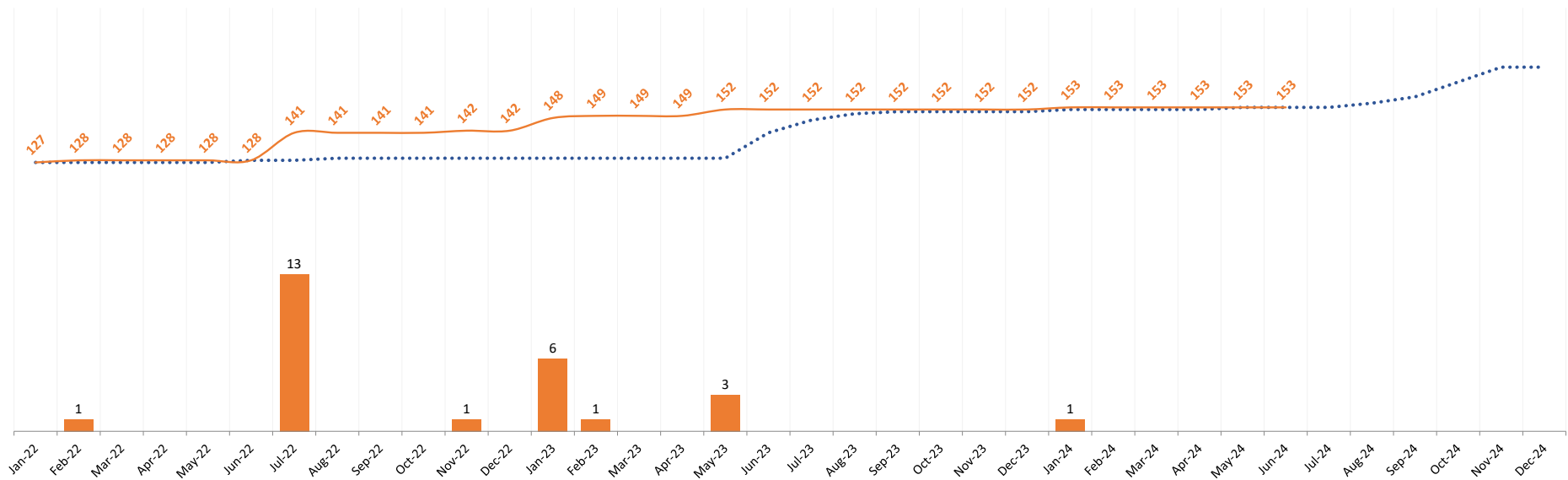
CP 1-4 – Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Jun 30, 2024	Total Railroad Parcels Delivered to Date Jun 30, 2024	Remaining Railroad Parcels to be Delivered Jun 30, 2024
CP 1	89	69	20
CP 2-3	58	55	3
CP 4	29	29	0
Total	176	153	23

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

■ Actual Railroad Delivery to DB
 ⋯ Planned Railroad Cumulative
 — Actual Railroad Cumulative



Notes:

1. This reflects the actual Railroad parcels delivered to Design-Builder by month and updated forecast dates.

CONSTRUCTION PACKAGE 1 (CP 1) OVERVIEW

CP 1 – Design-Build Contract Summary⁽¹⁾

Milestones

Milestone	Date
Request for Quote (RFQ) Date:	11/15/2011
Statement of Qualification (SOQ) Date:	12/19/2011
Request for Proposal (RFP) Date:	3/22/2012
Proposal:	1/18/2013
Bid Open Date:	4/13/2013
Award Date:	8/16/2013
Notice to Proceed (NTP) 1 Date:	10/15/2013
Notice to Proceed (NTP) 2 Date:	11/22/2013
Notice to Proceed (NTP) 3 Date:	7/11/2014
Original Completion Date:	3/31/2018
Current Forecast Contract Completion Date ⁽²⁾ :	Dec 2026
Current Forecast Construction Completion Date⁽²⁾:	Nov 2026

Contract Time Status

Description	Duration
Original Contract Days:	1,628
Extension of Time Awarded ⁽³⁾ :	3,159
Current Forecast Contract Days ⁽³⁾ :	4,787
Calendar Days Worked (thru 06/30/2024):	3,911

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:	\$2,691,347,330.40
Current Contract Amount:	\$3,714,335,330.40
Approved Invoices to Date:	\$2,583,490,953.54
Remaining Contract Balance:	\$1,130,844,376.86

Expended to Date

Description	Percentage
Time ⁽³⁾ :	81.7%
Dollars:	69.6%

Growth Percentage

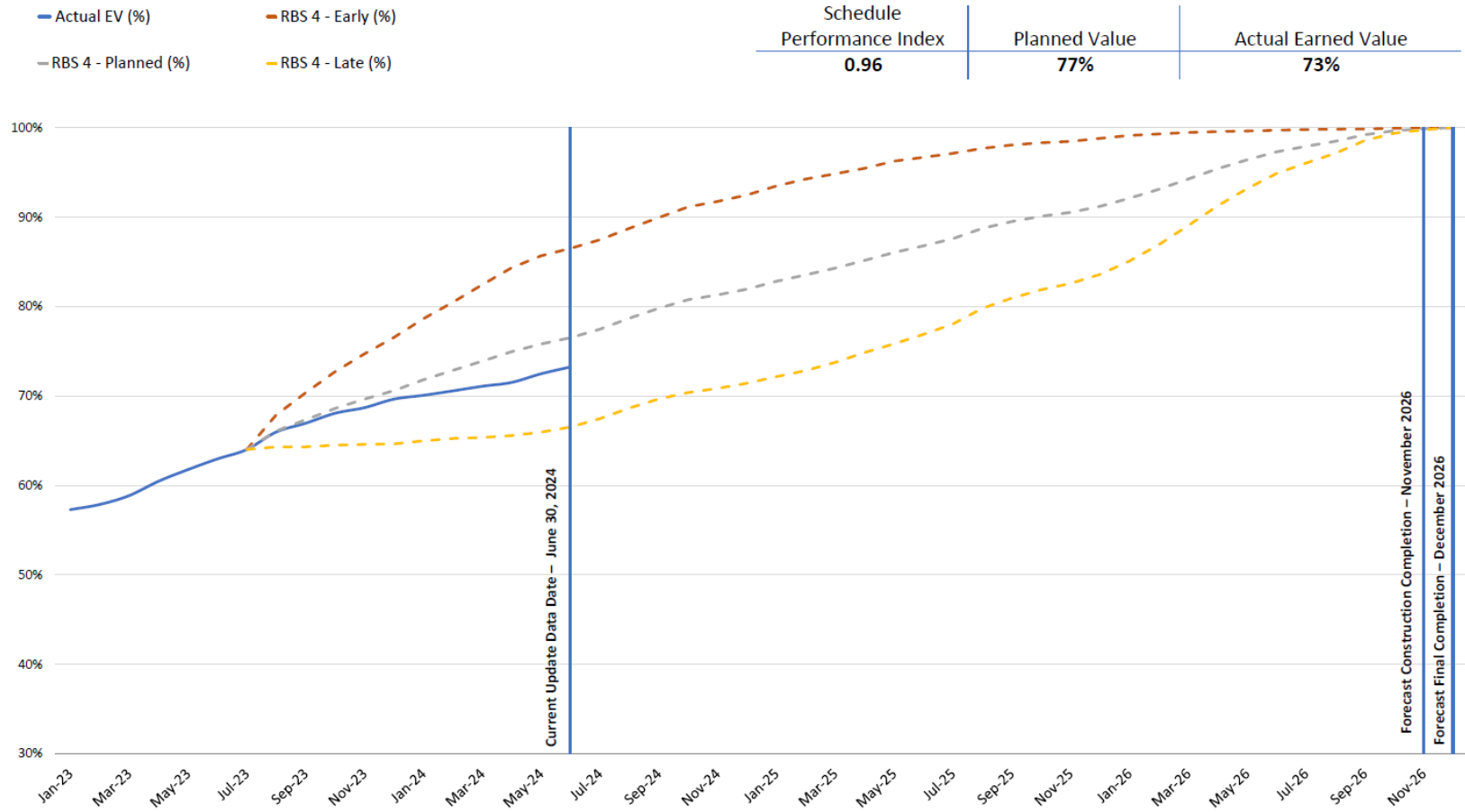
Description	Percentage
Time ⁽³⁾ :	194.0%
Dollars:	263.1%

Notes:

1. Data in this section is sourced from data provided by the PCM – Monthly Status Report.
2. Updated per the accepted Revised Baseline Schedule (RBS) Revision 4.
3. Contract Time Status (Extension of Time Awarded and Current Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Forecast Construction Completion Date.

CP 1 – Earned Value

CP 1 – Earned Value Summary (%)

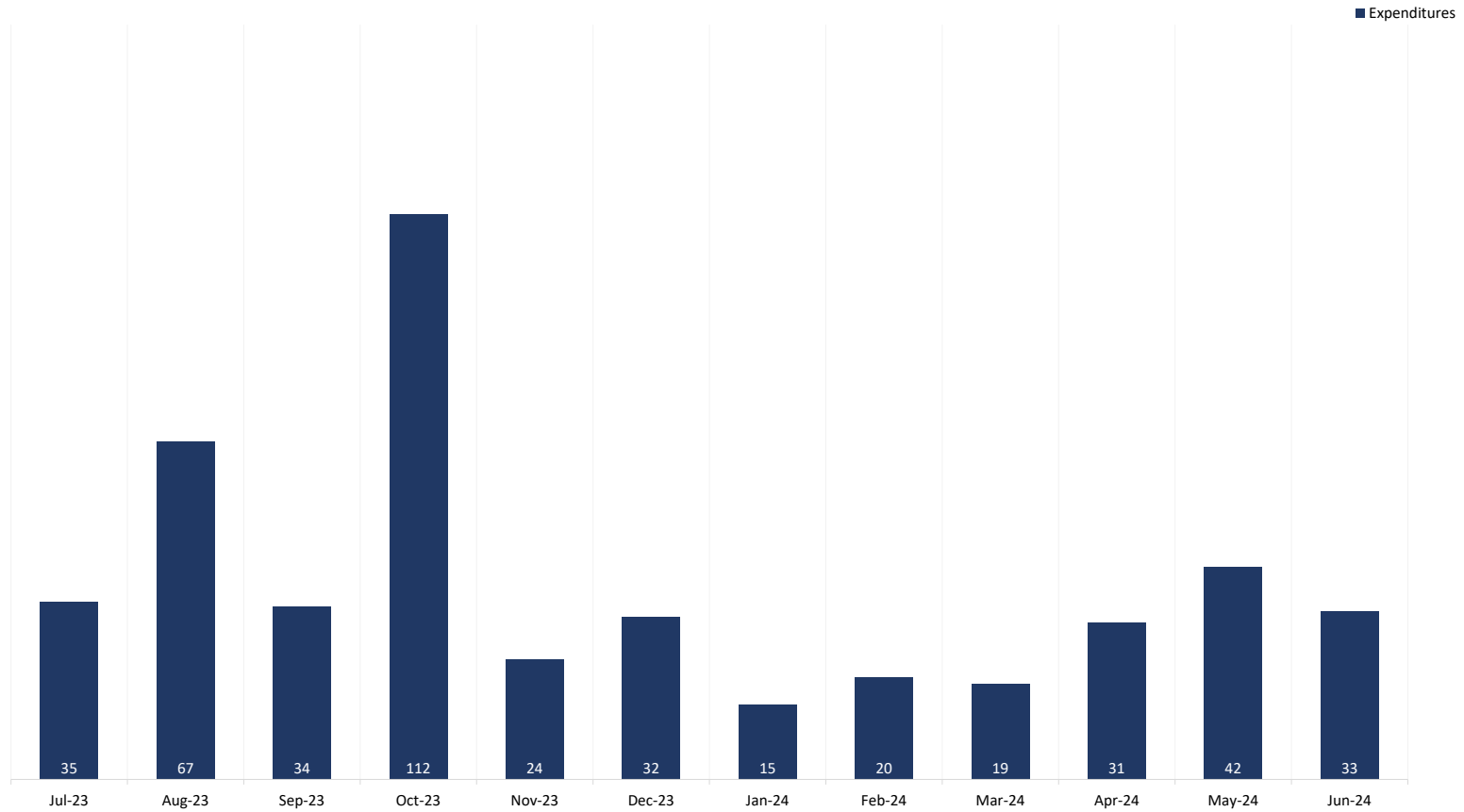


Notes:

1. Earned Value represents physical progress of site activities, which is based on project team verification of site progress measurements.
2. The early dates graph is optimistic and assumes activities will take place on the schedule early dates.
3. Average graph assumes non-critical path activities are taking place mid-way of early and late dates.
4. The late dates graph assumes activities will take place on the schedule late dates. If actuals fall below late graph, it indicates schedule slippage. The Schedule Performance Index (SPI) is measured against the average graph.

CP 1 – Design-Build Expenditures

CP 1 – Monthly Expenditures (\$ Millions)



Notes:

1. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
2. Expenditures totaled \$33.5M.

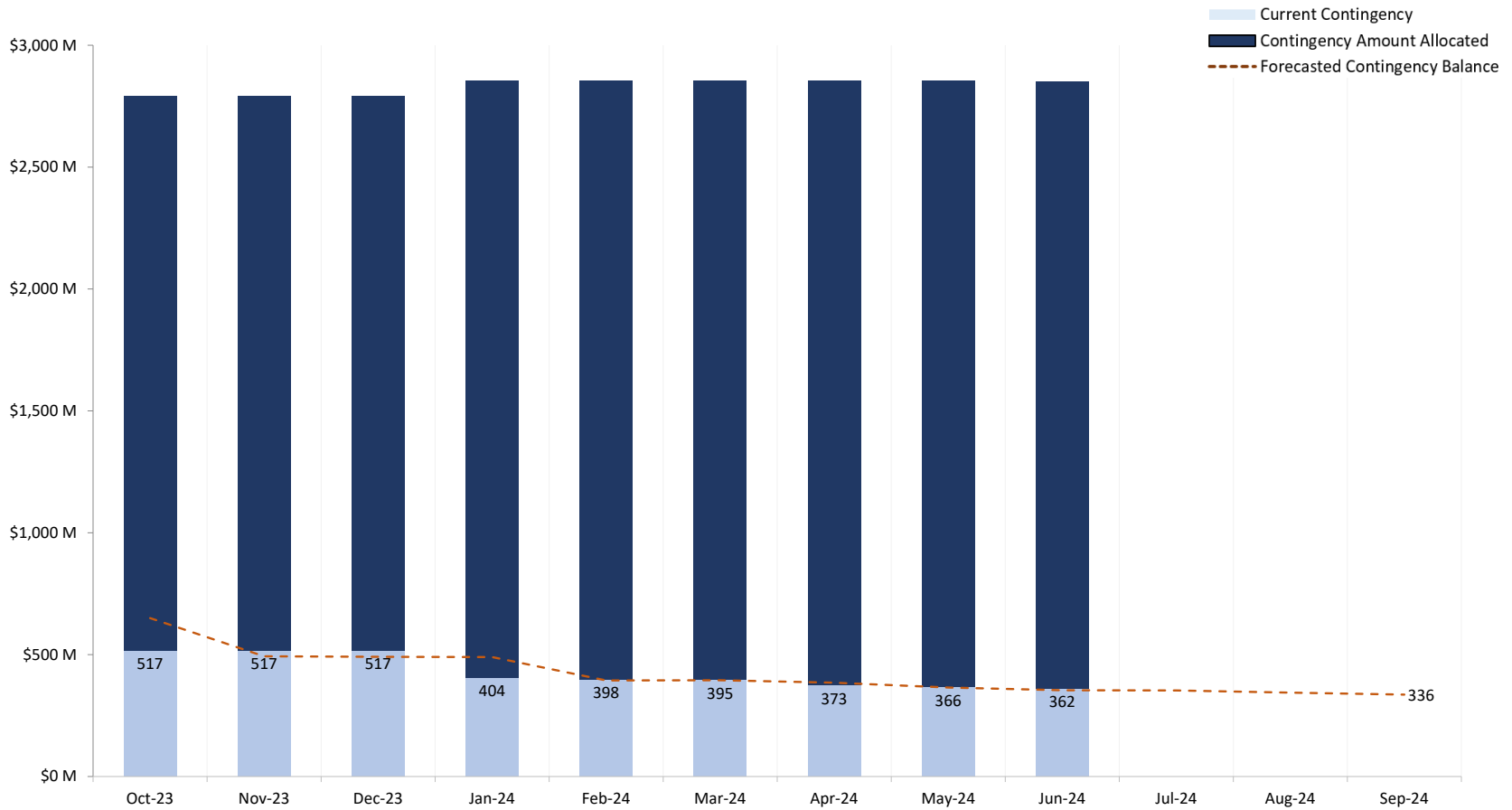
CP 1 – Change Orders (CO)

CP 1 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
7.4	CL1 CL2 HazMat Soil Escalation Costs (Through 12-31-23)	Executed	\$139,150.52	6/19/2024
71.02	Building HazMat PS Budget Increase - Supplemental 2	Executed	\$1,000,000.00	6/13/2024
99.6	CP1 Partial Completion to the Special Provisions (Administrative)	Executed	\$0.00	6/30/2024
468.1	FID Deposits for Subtask 1.04A and Subtask 1.05	Executed	\$750,000.00	6/27/2024
545	COF W1-047 Water Main Dead end at Belmont Avenue - Construction	Executed	\$402,549.00	6/5/2024
547	City of Fresno Dry Creek Sewer Line Debris in Excavation at G Street	Executed	\$10,994.00	6/20/2024
548	Changes to TCP Procedures - Storm Drain at Church Ave and GSB	Executed	\$819,092.00	6/26/2024
550	DL 0234 - Longitudinal Fiber Relocations from the San Joaquin Valley Railroad North Spur to Clinton Avenue due to Level 3 and Qwest Separation Requirements – Design	Executed	\$424,616.00	6/24/2024
551	City of Fresno Sewer Main Collapse Insurance Claim	Executed	\$700,000.00	6/26/2024
Total			\$4,246,401.52	

CP 1 – Risk Contingency

CP 1 – Risk Contingency Status (\$ Millions)

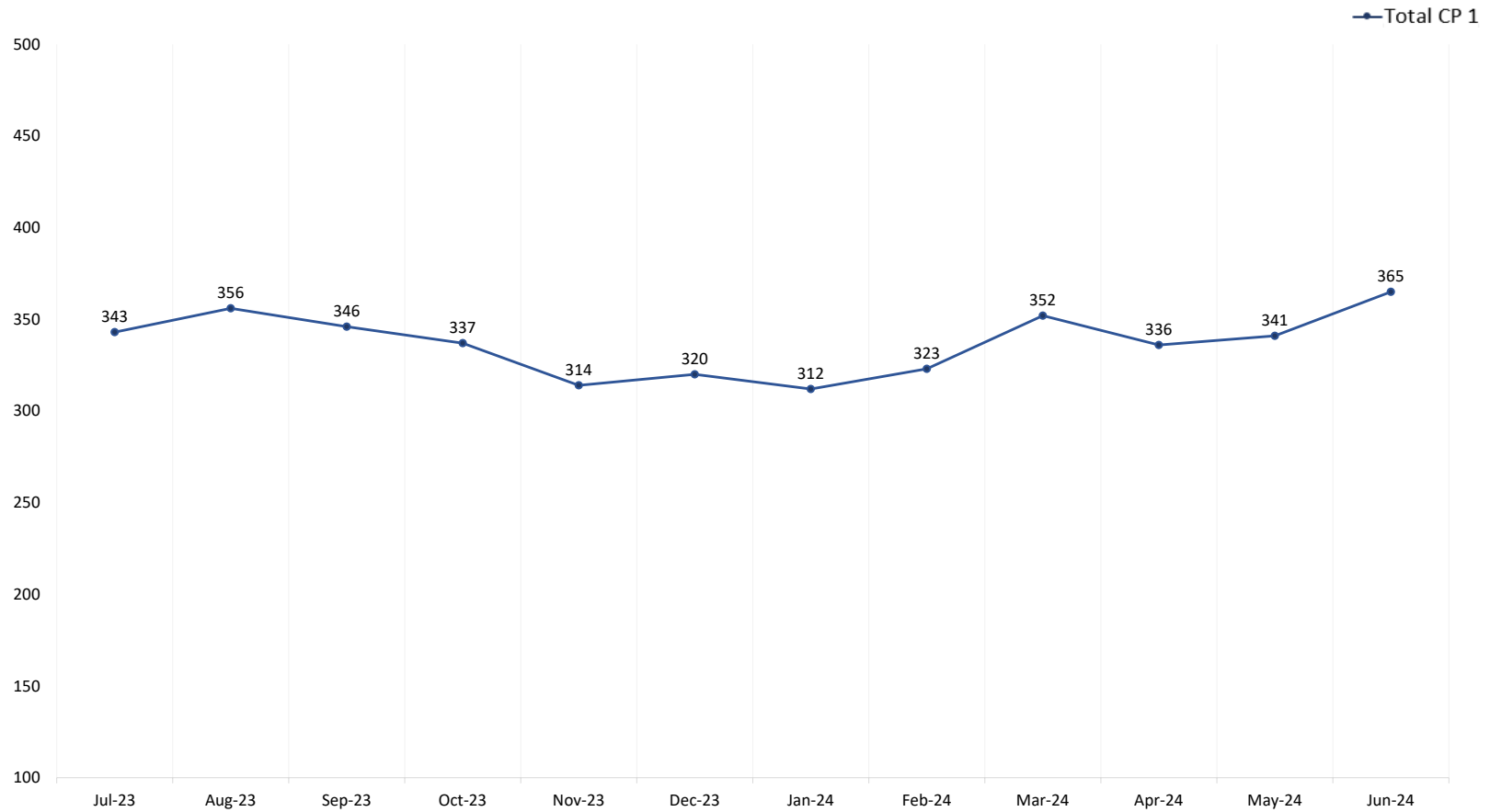


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 1 budgeted contract contingency to \$2,853.4M.
2. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
3. The Forecasted Contingency Balance drawdown curve is based only on agreed change orders expected to be executed within the three-month window. Due to change order negotiations and dispute resolution, timing and value of Forecasted Contingency Balance can vary.

CP 1 – Monthly Construction Labor

CP 1 – Monthly Construction Workforce Total – Actual (FTE)

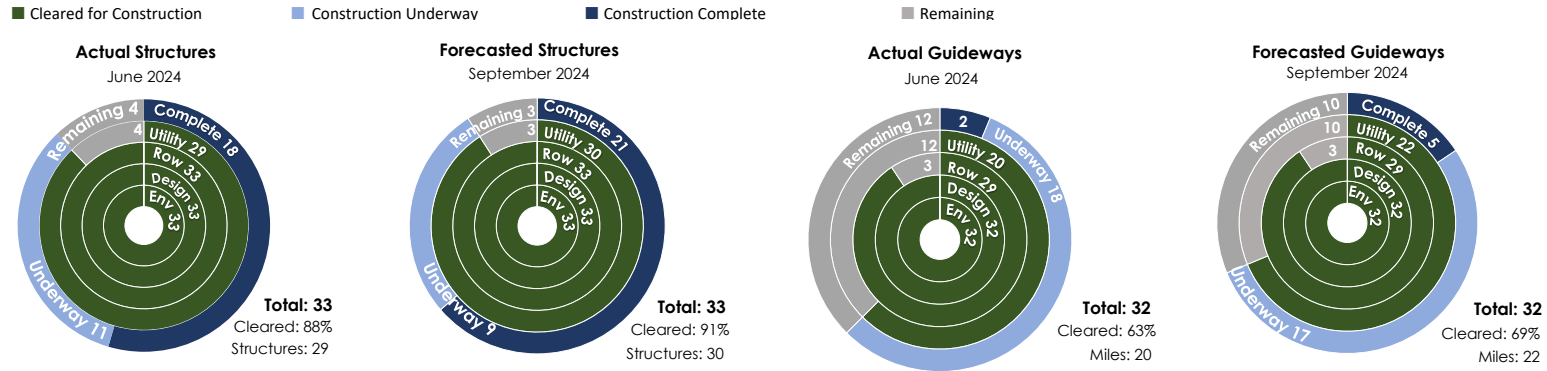


Notes:

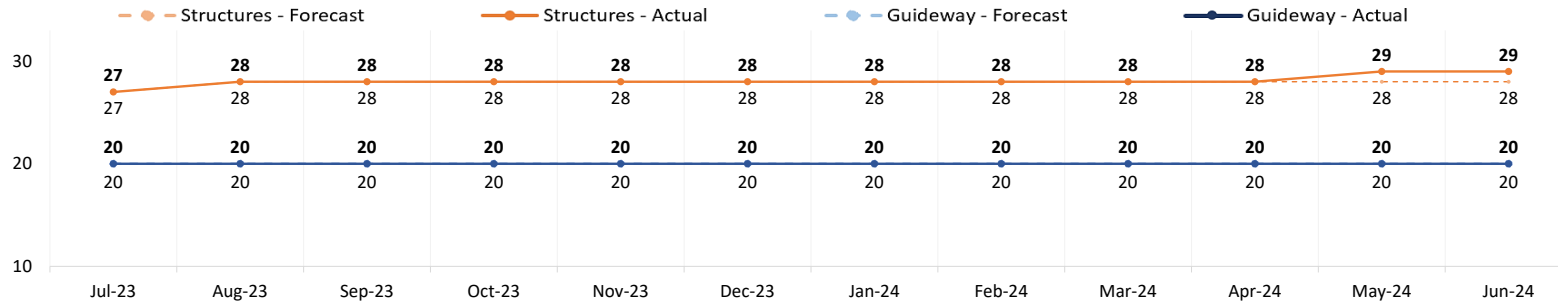
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
2. At 365, it is an increase of 24 from the previous month (341).

CP 1 – Construction Progress

CP 1 – Construction Progress



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



Notes:

- The circle charts above incorporate Revised Baseline Schedules (RBS) Revision 4 accepted schedule.
- Construction Complete definition:
 - Structure Completion – all concrete work is complete.
 - Guideway Completion – earthworks complete with rough grading.
- Total Structures: 33.
 - 29 structures underway/construction complete.
- Total Guideway: 32 miles.
 - 20 miles underway/construction complete.
- Late finish dates are being used to estimate forecast numbers.
- There are 32 miles of guideway approved by the Authority, but 2.5 miles (Caltrans section) has not been approved by Union Pacific Railroad (UPRR). UPRR has approved the Caltrans 2.5 miles at 60% Design with 90% Design progressing. The Caltrans 2.5 mile IPB Work Plan has been approved and work commenced February 2023.

CP 1 – Utility Relocation Summary

CP 1 – High Level Summary

Status	Utility Relocations	Percentage
Total Utilities Not Started	136	14%
Total Utilities Approved to Start	0	0%
Total Utilities in Progress	153	15%
Total Utilities Relocated	703	71%
Total	992	100%

CP 1 – Summary by Utility Type

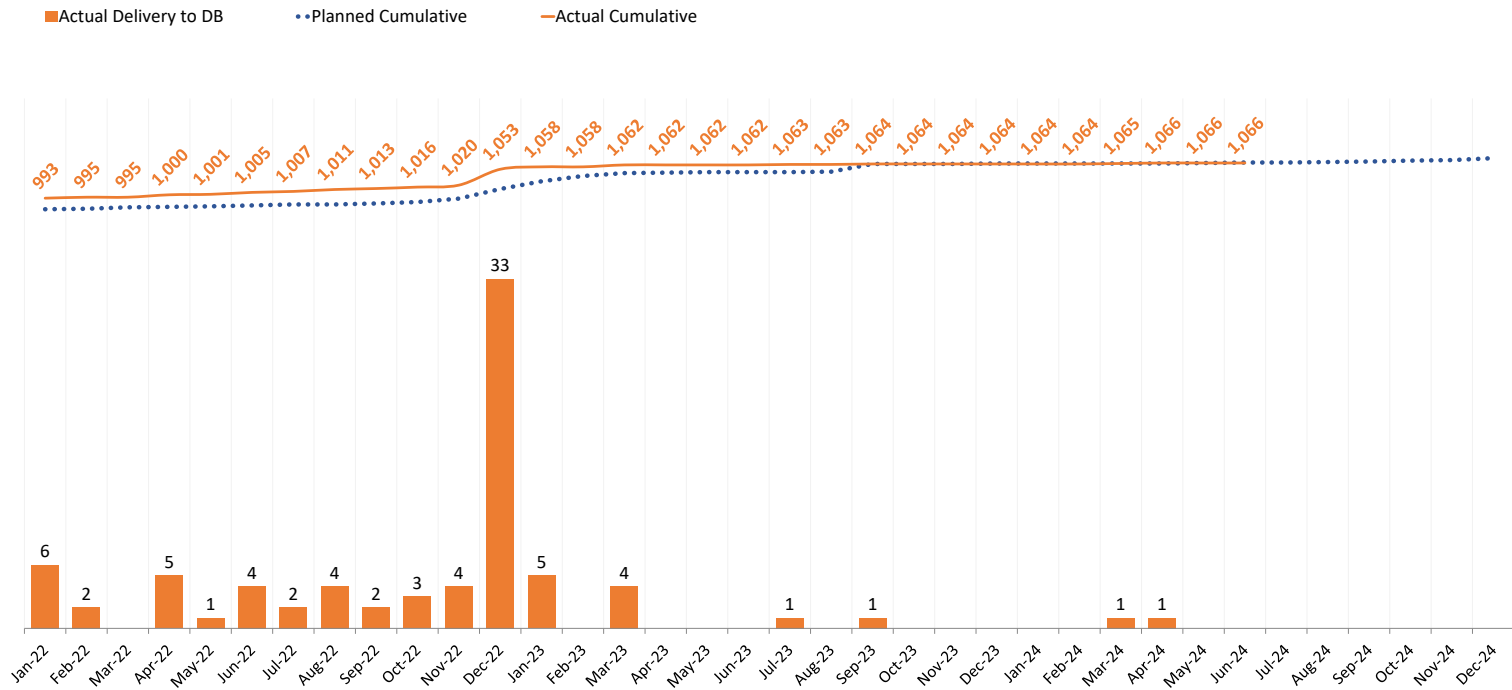
Utility	Status	Utility Relocations	Percentage
Electric	NOT STARTED	62	29%
	APPROVED TO START	0	0%
	IN PROGRESS	17	8%
	RELOCATED	136	63%
	TOTAL	215	100%
Gas	NOT STARTED	17	19%
	APPROVED TO START	0	0%
	IN PROGRESS	10	11%
	RELOCATED	64	70%
	TOTAL	91	100%
Telecom	NOT STARTED	25	6%
	APPROVED TO START	0	0%
	IN PROGRESS	55	13%
	RELOCATED	335	81%
	TOTAL	415	100%
Wet	NOT STARTED	32	12%
	APPROVED TO START	0	0%
	IN PROGRESS	71	26%
	RELOCATED	168	62%
	TOTAL	271	100%

CP 1 – Real Property/Right-of-Way (ROW)

CP 1 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Jun 30, 2024	Total Parcels Delivered to Date Jun 30, 2024	Remaining Parcels to be Delivered Jun 30, 2024
CP 1	1,079	1,066	13

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



Notes:

1. This reflects the actual parcels delivered to the Design-Builder by month and updated forecast dates.

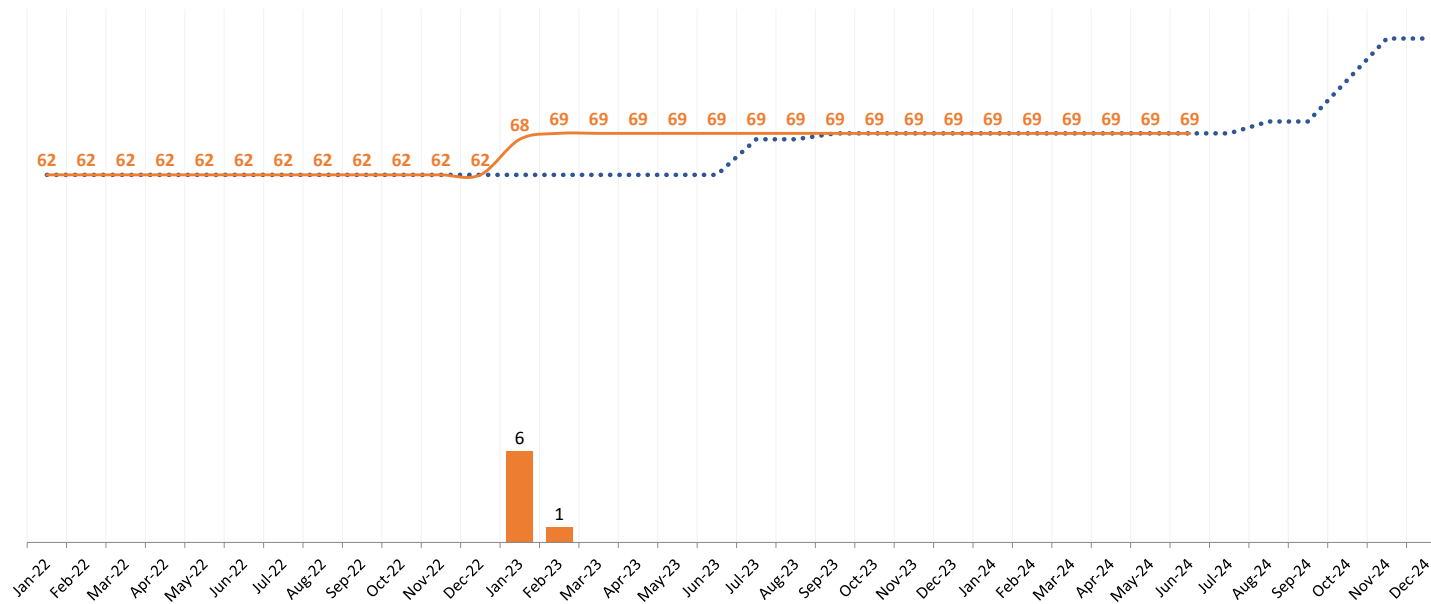
CP 1 – Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Jun 30, 2024	Total Railroad Parcels Delivered to Date Jun 30, 2024	Remaining Railroad Parcels to be Delivered Jun 30, 2024
CP 1	89	69	20

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

■ Actual Railroad Delivery to DB
 ⋯ Planned Railroad Cumulative
 — Actual Railroad Cumulative



Notes:

1. This reflects the actual Railroad parcels delivered to Design-Builder by month and updated forecast dates.

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

CP 2-3 – Design-Build Contract Summary⁽¹⁾

Milestones

Milestone	Date
Request for Quote (RFQ) Date:	10/9/2013
Statement of Qualification (SOQ) Date:	12/13/2013
Request for Proposal (RFP) Date:	4/3/2014
Proposal:	10/30/2014
Bid Open Date:	12/11/2014
Award Date:	6/10/2015
Late Notice to Proceed (LNTP) Date:	6/12/2015
Notice to Proceed (NTP) Date:	7/25/2015
Original Completion Date:	8/19/2019
Current Forecast Contract Completion Date ⁽²⁾ :	May 2026
Current Forecast Construction Completion Date⁽²⁾:	March 2026

Contract Time Status

Description	Duration
Original Contract Days:	1,486
Extension of Time Awarded ⁽³⁾ :	2,406
Current Forecast Contract Days ⁽³⁾ :	3,892
Calendar Days Worked (thru 06/30/2024):	3,263

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:	\$2,195,490,356.59
Current Contract Amount:	\$3,560,826,246.59
Approved Invoices to Date:	\$2,705,663,101.76
Remaining Contract Balance:	\$855,163,144.83

Expended to Date Percentage

Description	Percentage
Time ⁽³⁾ :	83.8%
Dollars:	76.0%

Growth Percentage

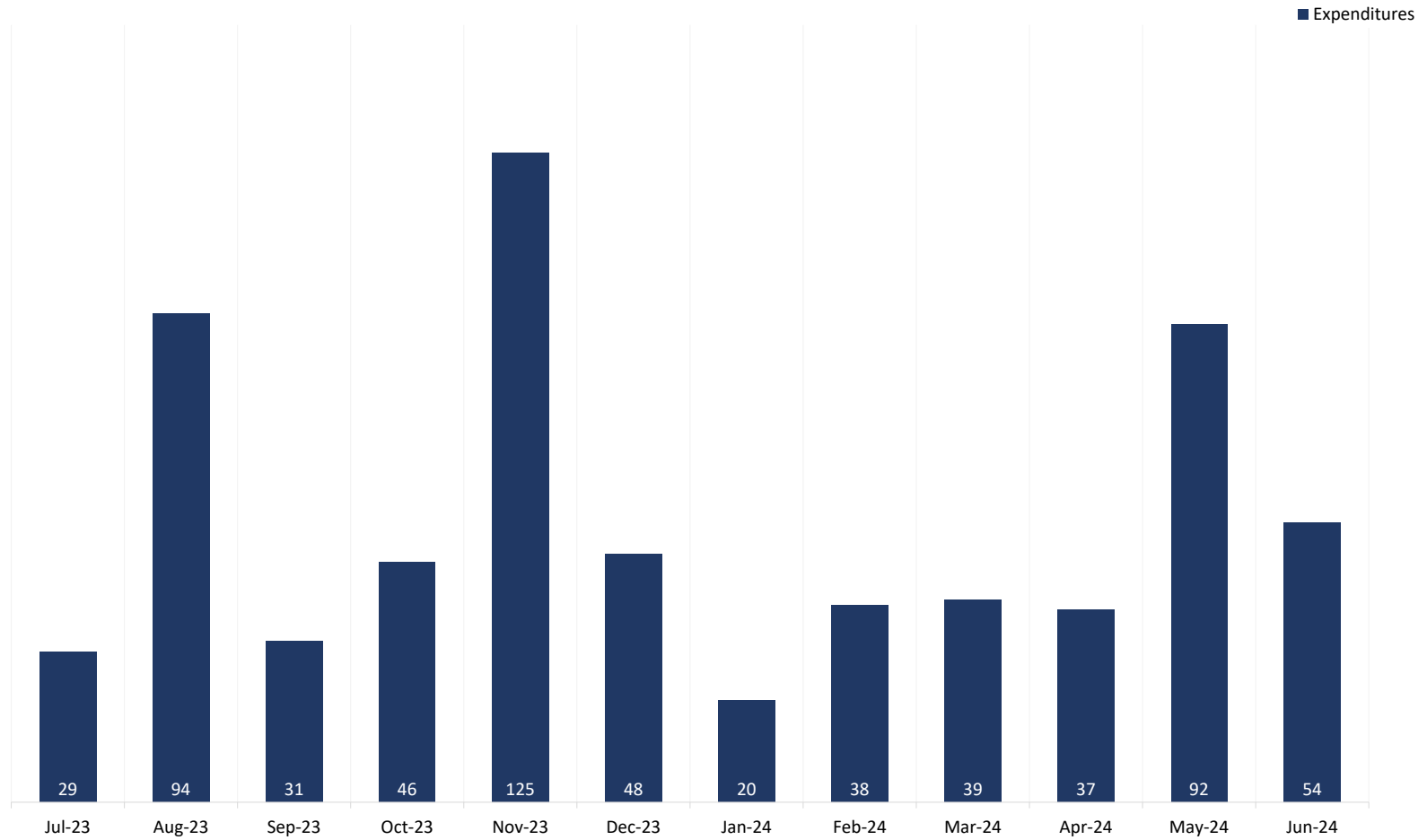
Description	Percentage
Time ⁽³⁾ :	161.9%
Dollars:	160.8%

Notes:

1. Data in this section is sourced from data provided by the PCM – Monthly Status Report.
2. Updated per the conditionally accepted Revised Baseline Schedule (RBS) Revision 4.
3. Contract Time Status (Extension of Time Awarded and Current Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Forecast Construction Completion Date.

CP 2-3 – Design-Build Expenditures

CP 2-3 – Monthly Expenditures (\$ Millions)



Notes:

1. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
2. Expenditures totaled \$54.0M.

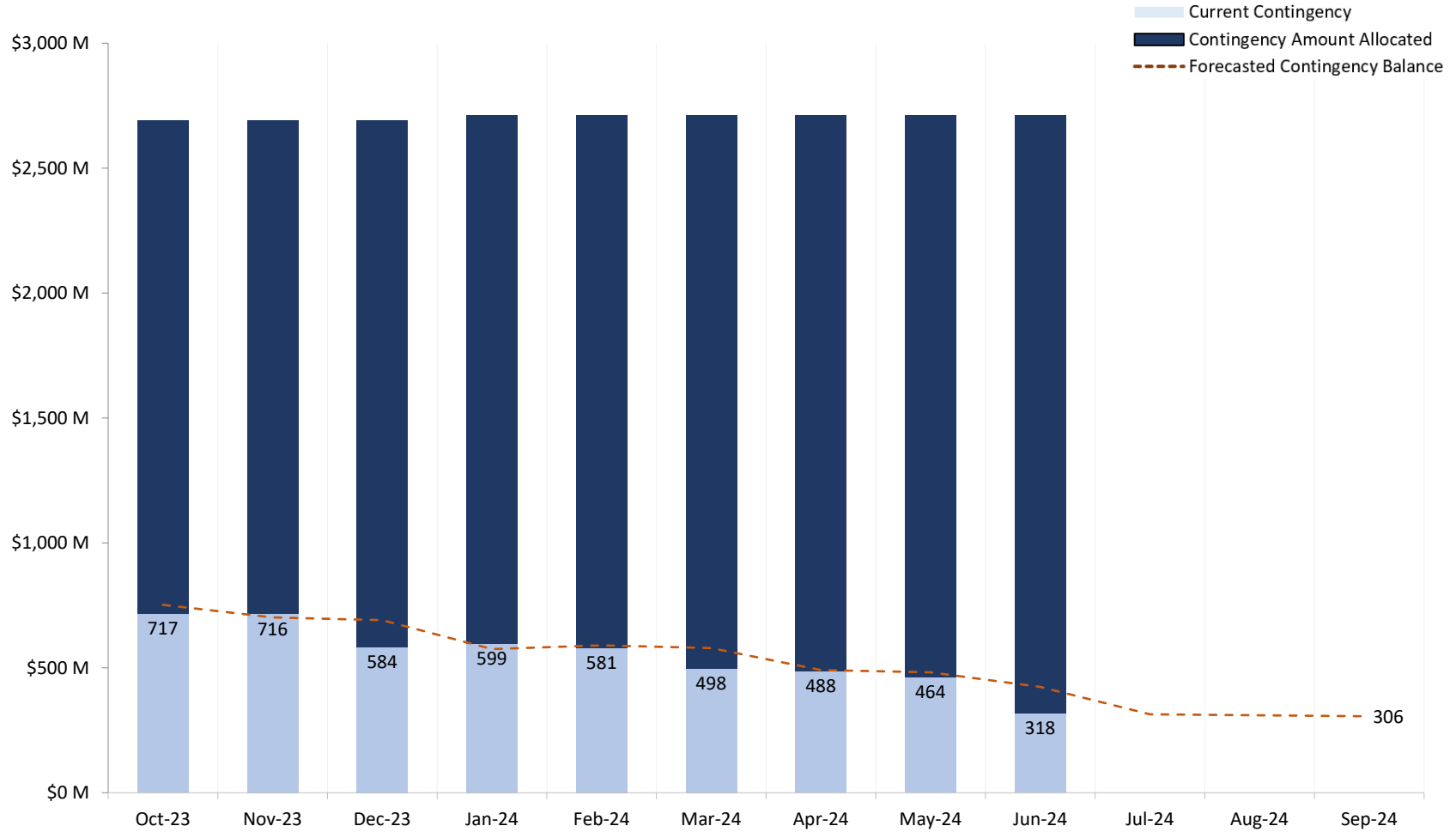
CP 2-3 – Change Orders (CO)

CP 2-3 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
58.2	Manning Avenue Mitigation	Executed	\$505,456.00	6/18/2024
405	Cross Creek Viaduct (Dispute 41A), Wildlife Crossings (Dispute 77 and Dispute 113), and Other Cross Creek Viaduct Claims	Executed	\$143,126,822.00	6/17/2024
156.1	Manning Avenue – Road Closure Fee	Executed	\$300,000.00	6/11/2024
64.1	Excelsior Avenue – Phase 2 – Out of Sequence	Executed	\$915,000.00	6/3/2024
370.2	Alpaugh Reservoir No. 2 – Additional DSDC – Ground Improvements	Executed	\$38,983.00	6/3/2024
Total			\$144,886,261.00	

CP 2-3 – Risk Contingency

CP 2-3 – Risk Contingency Status (\$ Millions)

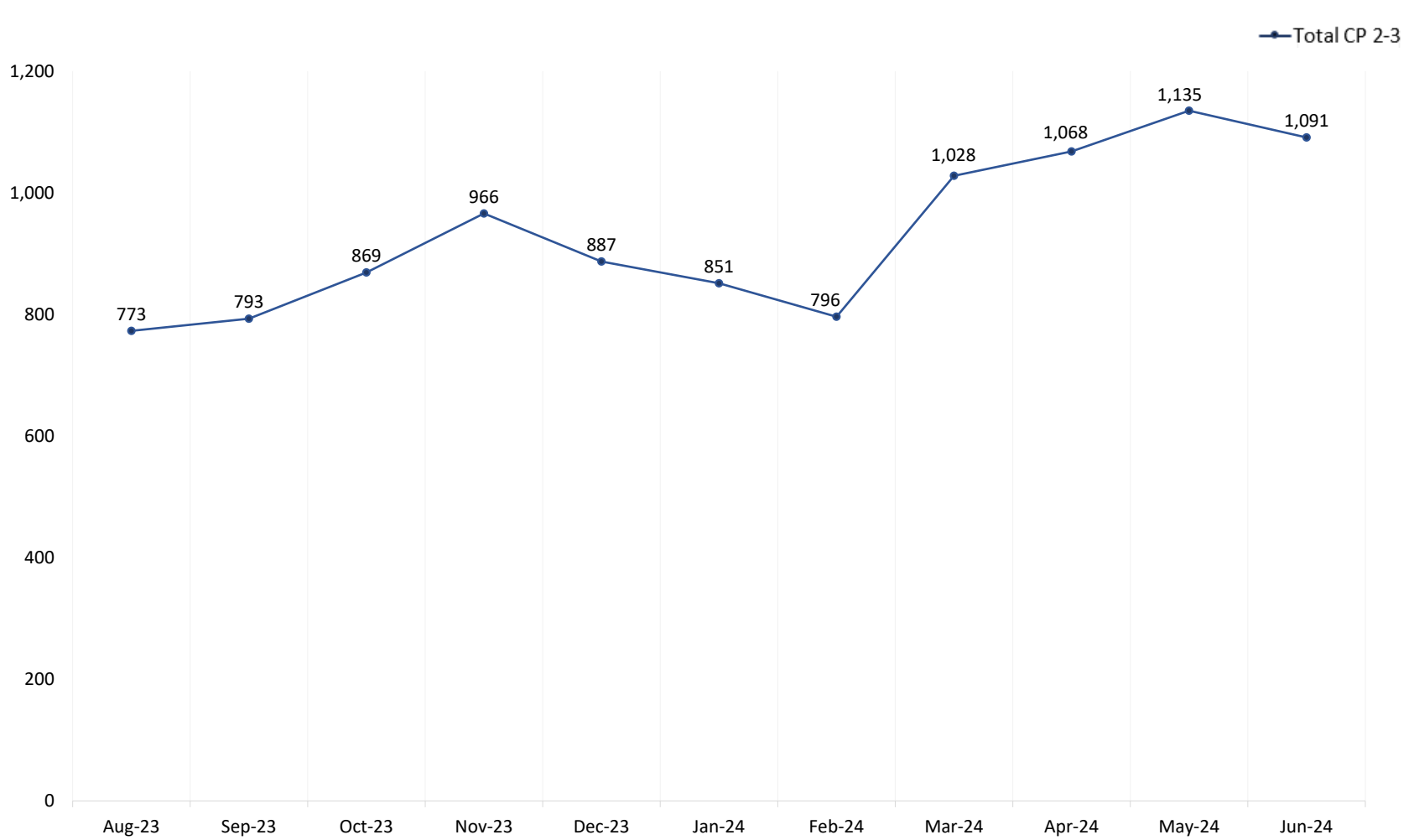


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 2-3 budgeted contract contingency to \$2,712.5M.
2. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
3. The Forecasted Contingency Balance drawdown curve is based only on agreed change orders expected to be executed within the three-month window. Due to change order negotiations and dispute resolution, timing and value of Forecasted Contingency Balance is uncertain.

CP 2-3 – Monthly Construction Labor

CP 2-3 – Monthly Construction Workforce Total – Actual (FTE)



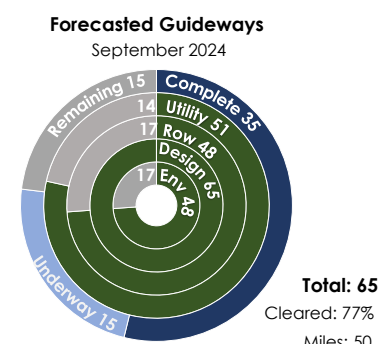
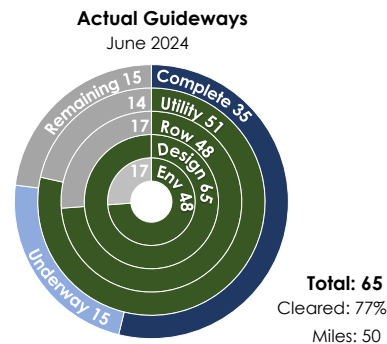
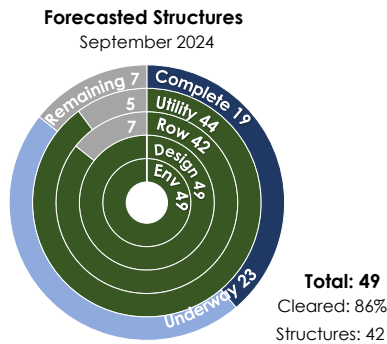
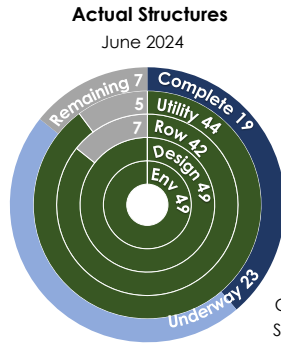
Notes:

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 and represents the Average Daily Site Workers (by week).
2. At 1,091, it is a decrease of 44 from the previous month (1,135).

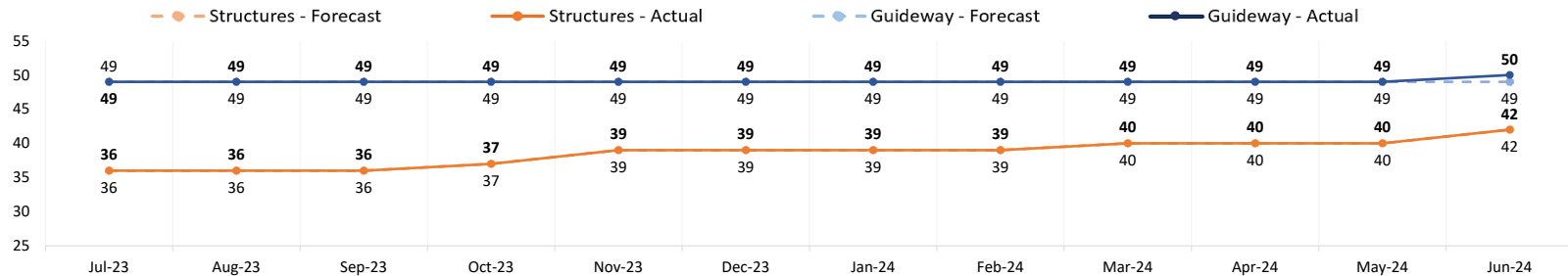
CP 2-3 – Construction Progress

CP 2-3 – Construction Progress

■ Cleared for Construction ■ Construction Underway ■ Construction Complete ■ Remaining



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



Notes:

- The circle charts above incorporate Revised Baseline Schedules (RBS) Revision 4 data as of September 2022, pending final approval.
- The line chart above incorporates provisional forecast numbers as of September 2022, pending final approval of RBS Revision 4.
- Construction Complete definition:
 - Structure Completion – all concrete work is complete.
 - Guideway Completion – earthworks complete with rough grading.
- Total Structures: 49:
 - 42 structures underway/construction complete. Two structures started (Ave. 120 and Hanford Armona Ave.) and two structures completed (Mountain View Ave. and Floral Ave.) in June 2024.
- Total Guideway: 65 miles:
 - 50 miles underway/construction complete. One mile of guideway started in June 2024.
- Late finish dates are being used to estimate forecast numbers.

CP 2-3 – Utility Relocation Summary

CP 2-3 – High Level Summary

Status	Utility Relocations	Percentage
Total Utilities Not Started	95	14%
Total Utilities Approved to Start	0	0%
Total Utilities in Progress	56	8%
Total Utilities Relocated	550	78%
Total	701	100%

CP 2-3 – Summary by Utility Type

Utility	Status	Utility Relocations	Percentage
Electric	NOT STARTED	71	18%
	APPROVED TO START	0	0%
	IN PROGRESS	32	8%
	RELOCATED	281	73%
	TOTAL	384	100%
Gas	NOT STARTED	9	33%
	APPROVED TO START	0	0%
	IN PROGRESS	0	0%
	RELOCATED	18	67%
	TOTAL	27	100%
Telecom	NOT STARTED	2	1%
	APPROVED TO START	0	0%
	IN PROGRESS	17	7%
	RELOCATED	214	92%
	TOTAL	233	100%
Wet	NOT STARTED	13	23%
	APPROVED TO START	0	0%
	IN PROGRESS	7	12%
	RELOCATED	37	65%
	TOTAL	57	100%

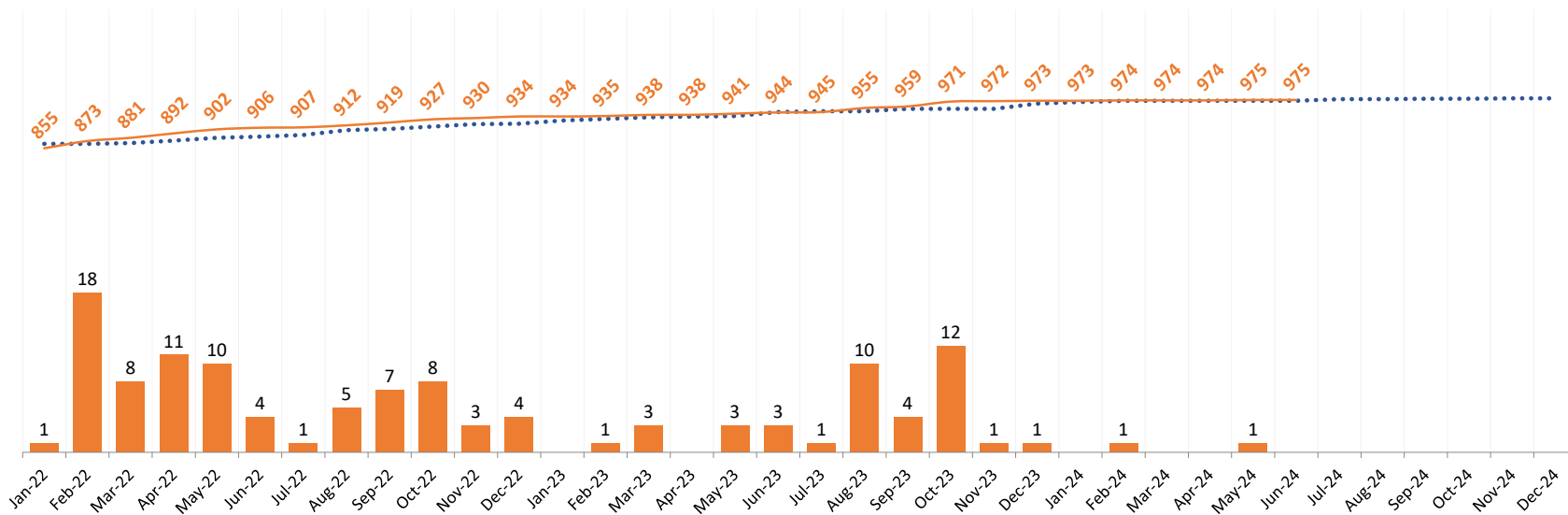
CP 2-3 – Real Property/Right-of-Way (ROW)

CP 2-3 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Jun 30, 2024	Total Parcels Delivered to Date Jun 30, 2024	Remaining Parcels to be Delivered Jun 30, 2024
CP 2-3	987	975	12

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

■ Actual Delivery to DB
 ⋯ Planned Cumulative
 — Actual Cumulative



Notes:

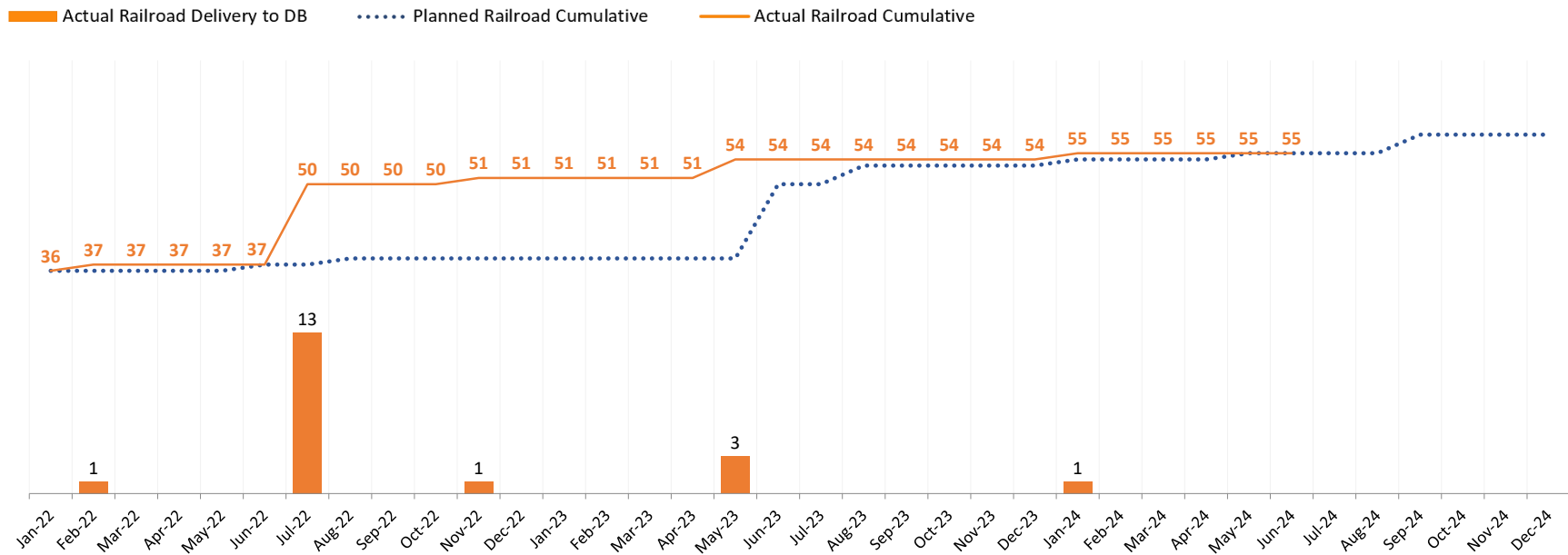
1. This reflects the actual parcels delivered to the Design-Builder by month and updated forecast dates.

CP 2-3 – Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Jun 30, 2024	Total Railroad Parcels Delivered to Date Jun 30, 2024	Remaining Railroad Parcels to be Delivered Jun 30, 2024
CP 2-3	58	55	3

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



Notes:

1. This reflects the actual Railroad parcels delivered to Design-Builder by month and updated forecast dates.

CONSTRUCTION PACKAGE 4 (CP 4) OVERVIEW

CP 4 – Design-Build Contract Summary⁽¹⁾

Milestones

Milestone	Date
Request for Quote (RFQ) Date:	11/20/2014
Statement of Qualification (SOQ) Date:	1/30/2015
Request for Proposal (RFP) Date:	5/27/2015
Proposal:	11/25/2015
Bid Open Date:	1/5/2016
Late Notice to Proceed (LNTP) Date:	3/1/2016
Notice to Proceed (NTP) Date:	4/15/2016
Original Completion Date:	6/3/2019
Construction Substantial Completion Date⁽²⁾:	Jan 2024
Current Forecast Contract Completion Date ⁽²⁾ :	Aug 2024

Contract Time Status

Description	Duration
Original Contract Days:	1,144
Extension of Time Awarded ⁽³⁾ :	1,680
Current Forecast Contract Days ⁽³⁾ :	2,824
Calendar Days Worked (thru 06/30/2024):	2,998

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:	\$381,849,728.86
Current Contract Amount:	\$826,096,728.86
Approved Invoices to Date:	\$813,028,671.06
Remaining Contract Balance:	\$13,068,057.80

Expended to Date

Description	Percentage
Time ⁽³⁾ :	100.0%
Dollars:	98.4%

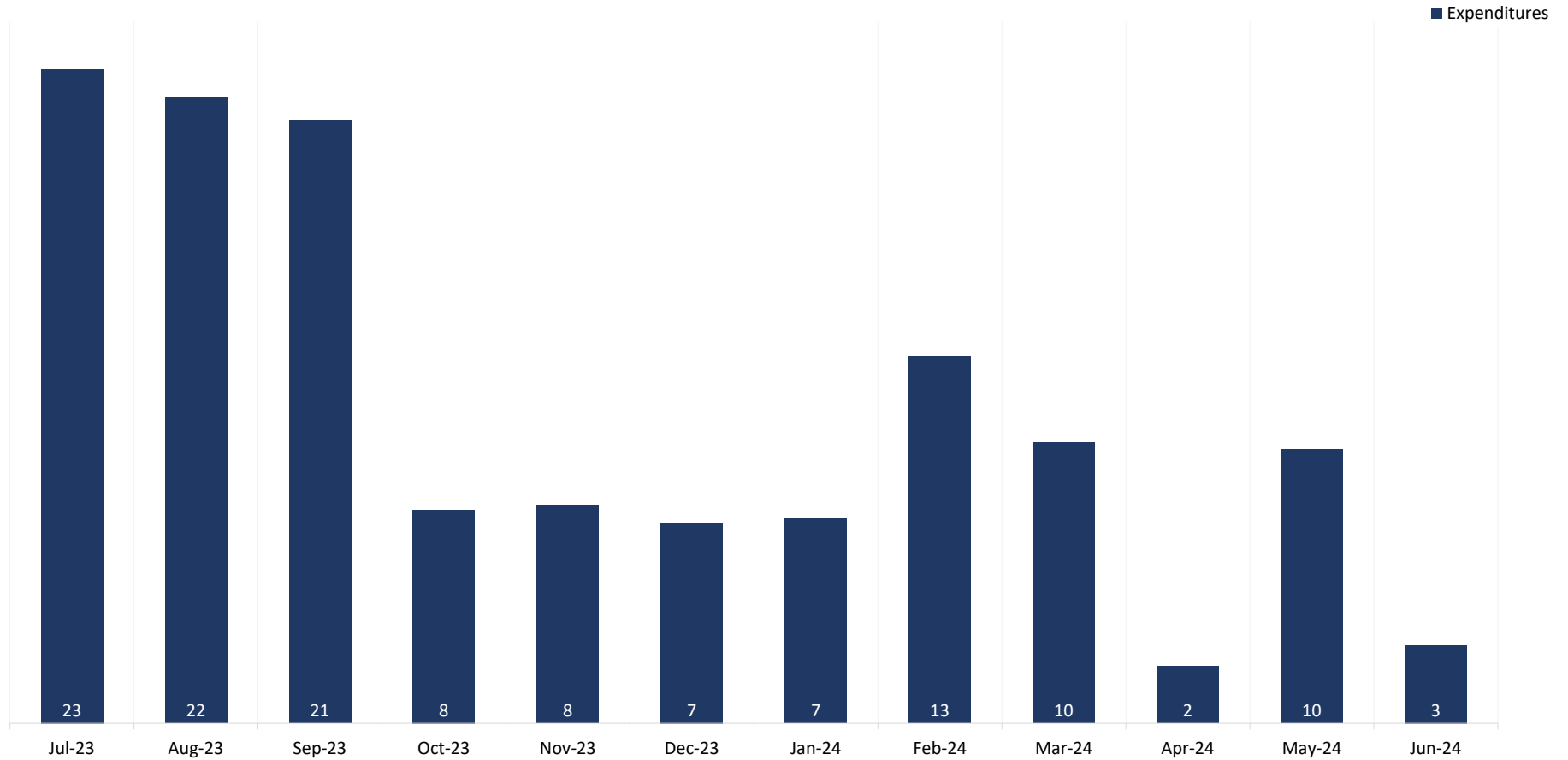
Growth Percentage

Description	Percentage
Time ⁽³⁾ :	146.9%
Dollars:	86.0%

Notes:

1. Data in this section is sourced from data provided by the PCM – Monthly Status Report.
2. Updated per the accepted Revised Baseline Schedule (RBS) Revision 4.
3. Contract Time Status (Extension of Time Awarded and Current Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Construction Substantial Completion Date.

CP 4 – Design-Build Expenditures
CP 4 – Monthly Expenditures (\$ Millions)



Notes:

1. Expenditures in the chart above are specific to the Design-Builder production and based on the Capital Outlay and Expenditure Report.
2. Expenditures totaled \$2.8M.

CP 4 – Change Orders (CO)

CP 4 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
233	Environmental Monitoring Additional Costs from October 2023 to December 2023	Executed	\$1,394,323.68	6/25/2024
235	North Kern Water Storage District Additional Costs Not Covered Under the Contract - 16th Submission	Executed	\$16,024.42	6/27/2024
236	Implementation of BULL-PDEB-20, Utility Markers	Executed	\$158,317.09	6/27/2024
237	Conflict 5002 RCP Headwall and Wingwall Out of Sequence Work	Executed	\$111,370.56	6/27/2024
238	Conflict 5002 Standpipe Design Change	Executed	\$234,367.11	6/27/2024
18.8	Additional Environmental Surveys & Investigations - R8	Executed	\$316,000.00	6/19/2024
Total			\$2,230,402.86	

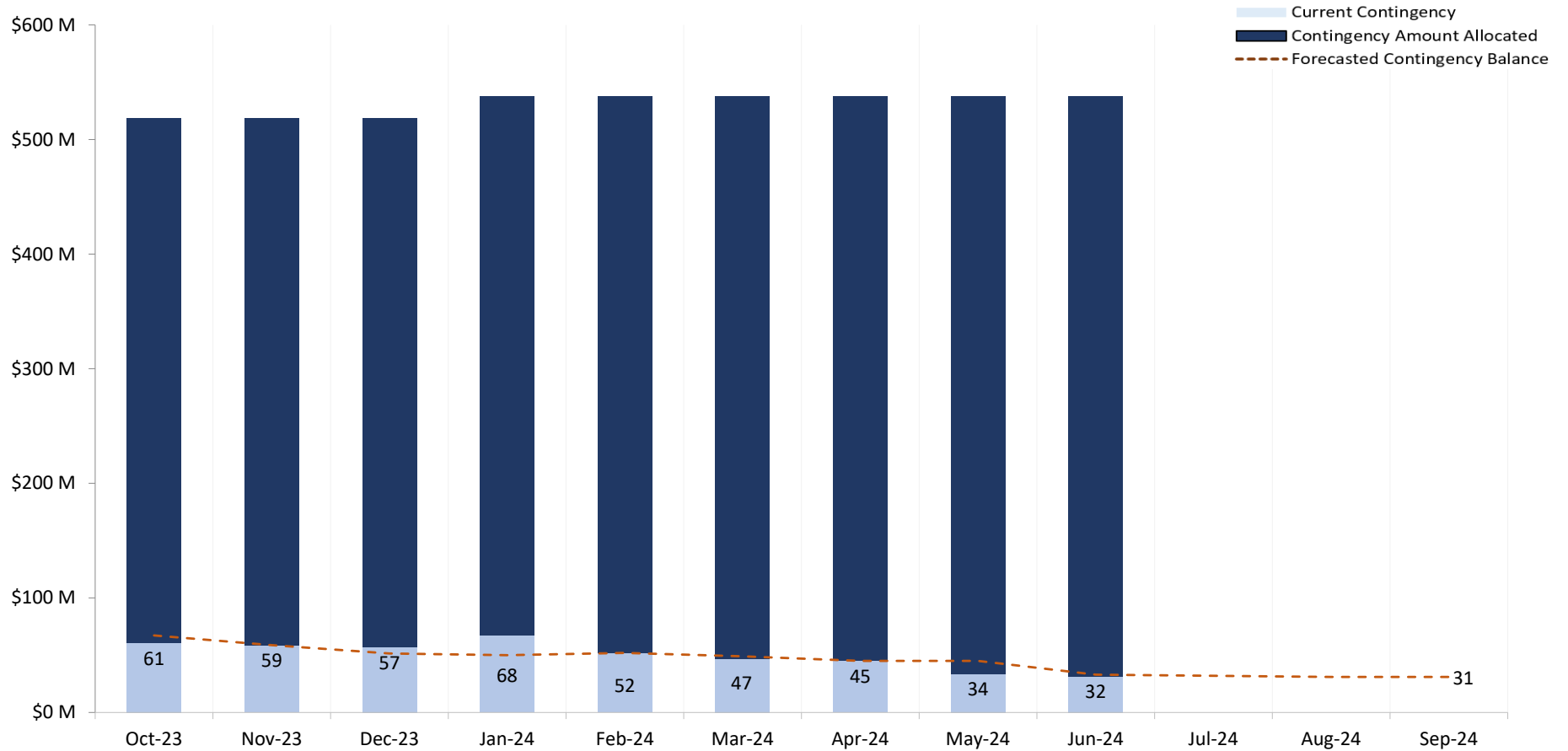
32R9	TIA 19 Interim Adjustment to Final Acceptance Deadline	Executed	\$2,600,000.00	6/13/2024
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Note:

- CO32R9 was executed on June 13, 2024. However, the change order was approved through the Authority's internal governance process and accrued in the month of May 2024, so it was originally reported in the Central Valley Status Report that covered data through May 31, 2024.

CP 4 – Risk Contingency

CP 4 – Risk Contingency Status (\$ Millions)

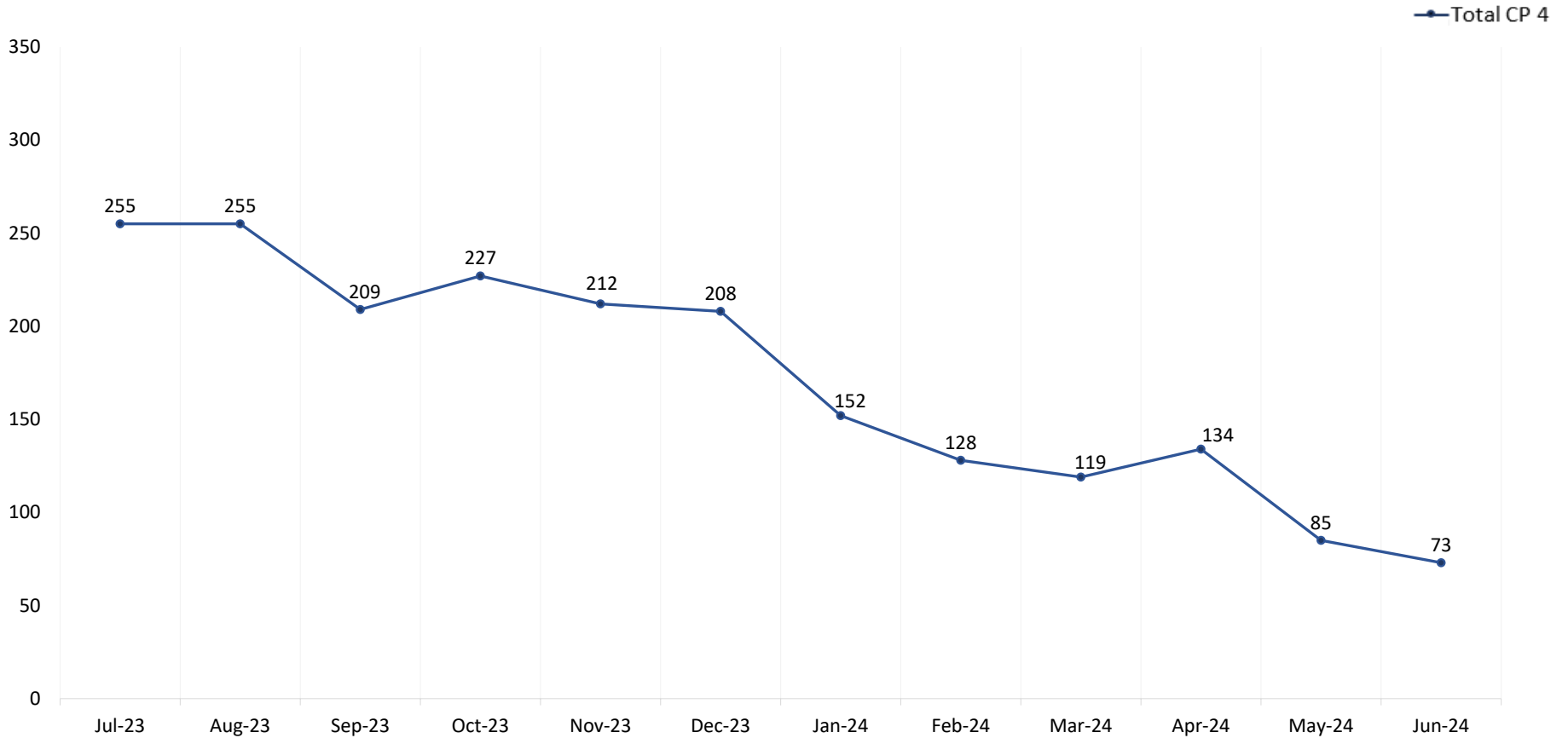


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 4 budgeted contract contingency to \$538.0M.
2. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
3. The Forecasted Contingency Balance drawdown curve is based only on agreed change orders expected to be executed within the three-month window. Due to change order negotiations and dispute resolution, timing and value of Forecasted Contingency Balance is uncertain.

CP 4 – Monthly Construction Labor

CP 4 – Monthly Construction Workforce Total – Actual (FTE)



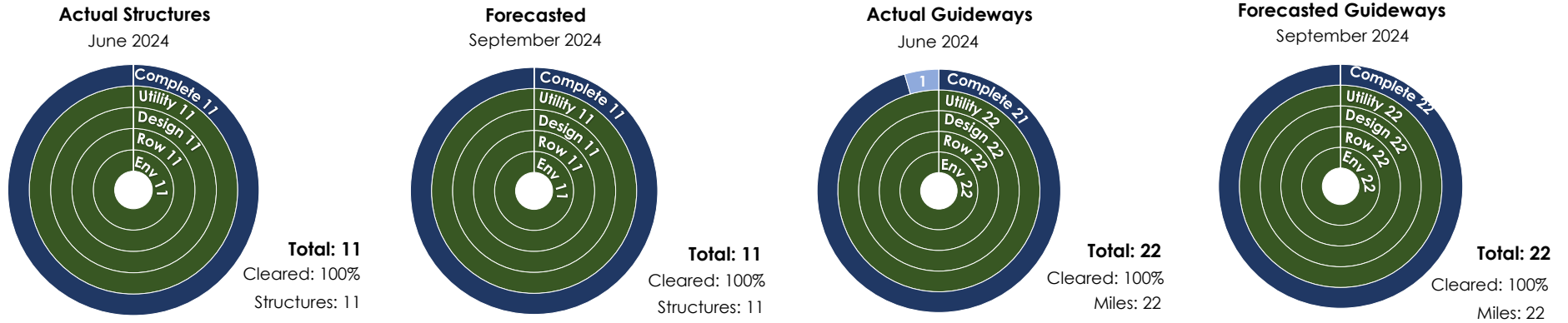
Notes:

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 and represents the Average Daily Site Workers (by week).
2. At 73, it is a decrease of 12 from the previous month (85).

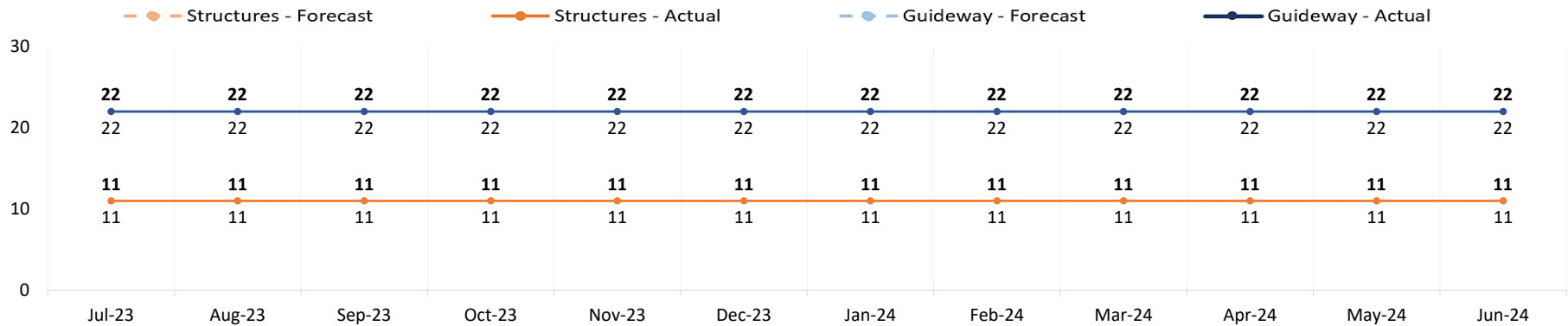
CP 4 – Construction Progress

CP 4 – Construction Progress

■ Cleared for Construction
 ■ Construction Underway
 ■ Construction Complete
 ■ Remaining



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



Notes:

1. The circle charts above incorporate Revised Baseline Schedules (RBS) Revision 4 approved schedule.
2. Construction Complete definition:
 - a. Structure Completion – all concrete work is complete.
 - b. Guideway Completion – earthworks complete with rough grading.
3. Total Structures: 11:
 - a. 11 of 11 structures completed.
4. Total Guideway: 22 miles. The actual miles for CP 4 are 21.5 miles but rounded to 22 miles for consistency in reporting:
 - a. 22 miles underway/construction complete.

CP 4 – Utility Relocation Summary

CP 4 – High Level Summary

Status	Utility Relocations	Percentage
Total Utilities Not Started	0	0%
Total Utilities Approved to Start	0	0%
Total Utilities in Progress	10	7%
Total Utilities Relocated	133	93%
Total	143	100%

CP 4 – Summary by Utility Type

Utility	Status	Utility Relocations	Percentage
Electric	NOT STARTED	0	0%
	APPROVED TO START	0	0%
	IN PROGRESS	0	0%
	RELOCATED	62	100%
	TOTAL	62	100%
Gas	NOT STARTED	0	0%
	APPROVED TO START	0	0%
	IN PROGRESS	0	0%
	RELOCATED	7	100%
	TOTAL	7	100%
Telecom	NOT STARTED	0	0%
	APPROVED TO START	0	0%
	IN PROGRESS	0	0%
	RELOCATED	32	100%
	TOTAL	32	100%
Wet	NOT STARTED	0	0%
	APPROVED TO START	0	0%
	IN PROGRESS	10	24%
	RELOCATED	32	76%
	TOTAL	42	100%

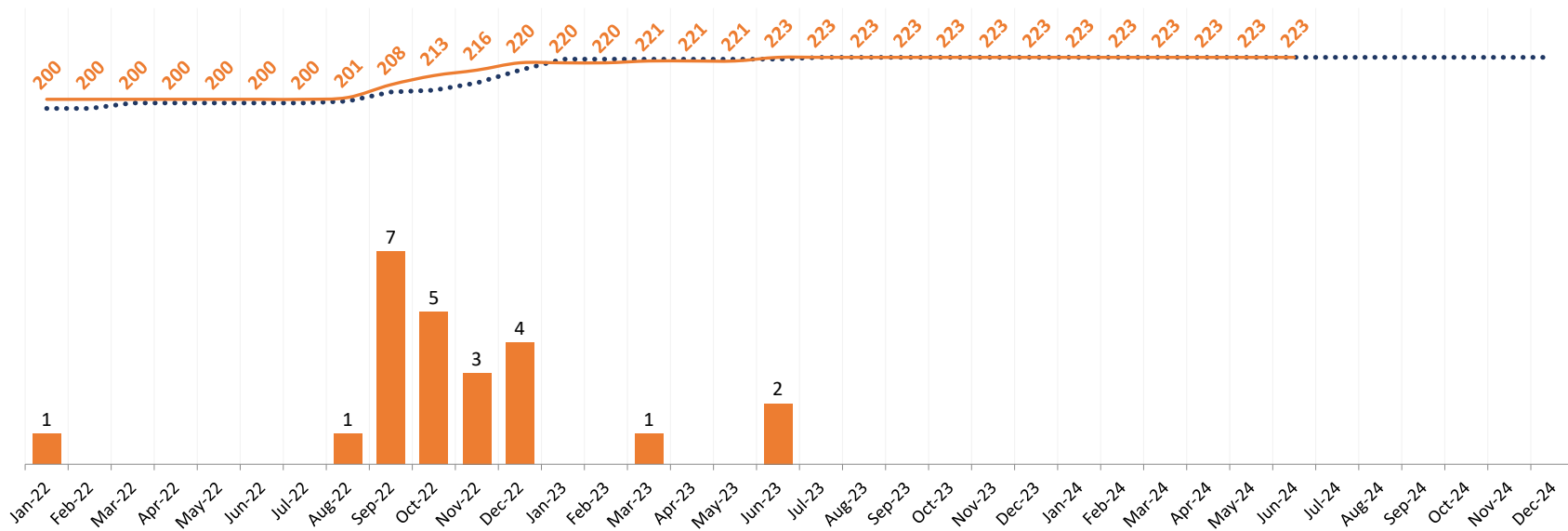
CP 4 – Real Property/Right-of-Way (ROW)

CP 4 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Jun 30, 2024	Total Parcels Delivered to Date Jun 30, 2024	Remaining Parcels to be Delivered Jun 30, 2024
CP 4	223	223	0

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

■ Actual Delivery to DB
 ⋯ Planned Cumulative
 — Actual Cumulative



Notes:

1. This reflects the actual parcels delivered to the Design-Builder by month compared to the Revised Baseline Schedule (RBS) Revision 3.

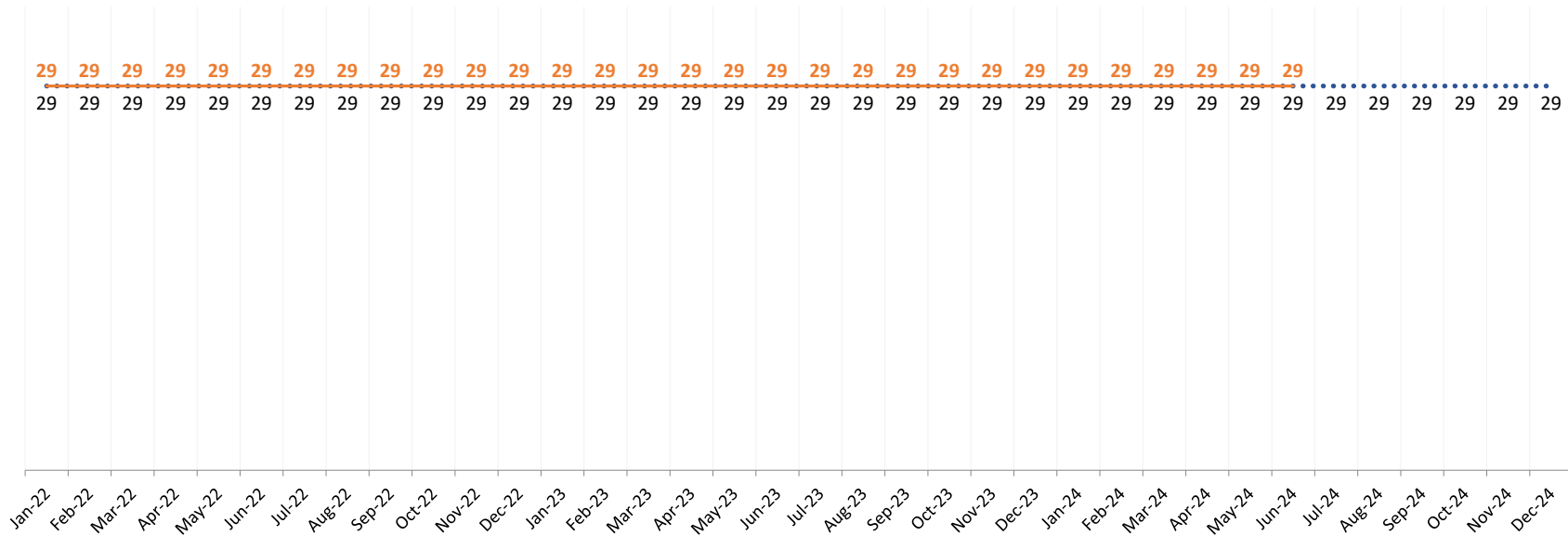
CP 4 – Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Jun 30, 2024	Total Railroad Parcels Delivered to Date Jun 30, 2024	Remaining Railroad Parcels to be Delivered Jun 30, 2024
CP 4	29	29	0

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

■ Actual Railroad Delivery to DB
 ⋯⋯⋯ Planned Railroad Cumulative
 — Actual Railroad Cumulative



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%
Document Complete	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%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	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%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	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%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	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%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%
Document Complete	Palmdale to Burbank	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	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%	Complete Complete 100%	Oct-24 Oct-24 ¹	Oct-24 Oct-24 ¹	Nov-25 Nov-25 ¹	Nov-25 Nov-25 ¹	Dec-25 ¹ Dec-25 ¹
2	Heavy Maintenance Facility (HMF)	Plan Forecast % Complete	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	Complete Complete 100%	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

- Notes:**
- For the Los Angeles to Anaheim project section, the schedule has been revised and the baseline re-established to account for supplemental alternative analysis.

Project Development – Key Actions

Project Development (Environmental Clearance) – Key Actions Summary

Project Section	Key Actions
San Francisco To San Jose	Environmental Clearance activities complete. The Authority is currently in settlement discussions for ongoing litigation activities.
San Jose To Merced	Environmental Clearance activities complete. The Authority is participating in post-Record of Decision (ROD) coordination with external stakeholders such as the Transportation Authority of Monterey County, Grasslands Water District, City of San Jose, and others.
Central Valley Wye	Conducted monthly progress meeting with County of Madera on Fairmead mitigation projects. Environmental Clearance activities complete. Transition to Merced Extension (Merced to Madera).
Locally Generated Alternative	Environmental Clearance activities complete. Transition to Bakersfield Extension (LGA).
Bakersfield To Palmdale	Work through Notice of Determination/Record of Decision (NOD/ROD) has been completed. The Authority has continued to meet with key stakeholders (e.g., Center for Biological Diversity, City of Palmdale) as necessary.
Palmdale To Burbank	Work through NOD/ROD has been completed.
Burbank To Los Angeles	Work through NOD/ROD has been completed. Project closeout activities are ongoing. The Authority is currently in settlement discussions for ongoing litigation activities.
Los Angeles To Anaheim	The month of June 2024 included mainly state steady work activities for the LA-A project section team, such as: reassessing and coordinating revisions to the project Risk Register and the project schedule, resolving outstanding comments from the Draft Preliminary Engineering for Project Definition (PEPD) submittal and reviewing environmental and outreach documents prepared by STV. Virtual meetings with outside agencies included: Monthly coordination meeting with Southern California Regional Rail Authority (SCRRA - Metrolink) and participation in the monthly project development team (PDT) for the Pico Rivera Rail Station Feasibility Study, held by the City of Pico Rivera.

Project Development (Post-ROD) – Key Actions Summary

Project Section	Key Actions
Merced Extension (Merced To Madera)	Stantec Consulting Services Inc. (Stantec), under agreement HSR 22-02, continues to make progress on the 30% design goals for this Project. Third Party coordination is advancing with the local agencies and utility companies. Stantec submitted to the Authority the Draft Configuration Footprint on October 10, 2023, and it was accepted by the Authority on December 28, 2023. HSR 22-02 contract was amended to include NTP-3 (Merced Station Relocation) on October 11, 2023. A series of Value Engineering and Value Analysis Workshops were held in October 2023; and completed in November 2023. The Authority evaluated the recommendations that came through the Value Engineering (VE) and Value Analysis (VA) process. Final direction was issued to Stantec on May 3, 2024 to implement the VE-VA design recommendations. On January 18, 2024, the Board approved NTP-2 to advance to the final design (100%) and construction ready documents in stage 4. Subsequently, NTP-2 was issued on April 29, 2024; and the NTP-2 contract amendment was executed on May 30, 2024. NTP-1 and NTP-3 (for FY 24/25) were issued on June 27, 2024.
Fresno to Bakersfield Locally Generated Alternative (LGA)	Fresno to Bakersfield Locally Generated Alternative (LGA) – HNTB Corporation (HNTB), under agreement HNTB Corporation (HNTB), under agreement HSR22-01, has provided various draft 30% deliverable for review and advancement towards final draft development (RW Impacts Report, Draft H&H and Drainage Plans, Street Improvement Plans, Various TSR Reports, Canal Plans, Temp Grade Crossing Plans, etc.) The LGA team met with executive staff on 7/18/24 to discuss the current utility plans and RW progression, and again on 7/24/24 to discuss the geotechnical investigation plans and proposed investigation procedures under development. Revision 2 of the Environmental Re-Exam is currently in approval review by the Authority. RW acquisition activities have started for the full alignment, with priority focus on 45 full take parcels.