

Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

Supplemental Committee Report November 21, 2024 (Data Through September 30, 2024)



Executive Summary

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

- September 2024 Expenditures totaled \$80.5M.
- Construction Package 1 Expenditures totaled \$38.1M. (Page 13)
- Construction Package 2-3 Expenditures totaled \$42.4M. (Page 21)
- Construction Package 4 Expenditures totaled \$0.1M. (Page 29)
- Total CP Cumulative Actual Expenditures \$6,354.5M. (Pages 11, 20, 28)
- Total Cumulative Current Contract Amount \$8,201.5M. (Pages 11, 20, 28)

Change Orders

- Executed Change Orders this period 21 for a total of \$24.8M:
- Construction Package 1 10 for a total of \$1.5M. (Page 14)
- Construction Package 2-3 7 for a total of \$22.1M. (Page 22)
- Construction Package 4 4 for a total of \$1.1M. (Page 30)

Risk Contingency

• Program Contingency Remaining is 10.0%.

CP Construction Labor (Page 5)

- September 2024, Average Daily Site Workers (by week) 1,688 workers. An increase of 153 workers from the previous period (1,535).
- Construction Package 1 440 workers. An increase of 3 workers from the previous month (437). (Page 15)
- Construction Package 2-3 1,214 workers. An increase of 164 workers from the previous month (1,050). (Page 23)
- Construction Package 4 34 workers. A decrease of 14 workers from the previous month (48). (Page 31)
- 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 6)

- Structures 84 underway/construction complete compared to 93 structures total (90%). One structure started in September 2024.
- Construction Package 1-29 structures underway/construction complete (11 underway, 18 completed).
- Construction Package 2-3 44 structures underway/construction complete (24 underway, 20 completed). One structure started in September 2024 (Stoil Spur).
- Construction Package 4 11 of 11 structures completed.
- Guideway 94 miles underway/construction complete compared to 119 miles total (79%). One mile completed in September 2024.
- Construction Package 1 20 miles underway/construction complete (18 underway, 2 completed).
- Construction Package 2-3 52 miles underway/construction complete (15 underway, 37 completed). One mile completed in September 2024 (Hanford Viaduct to Hanford Armona).
- Construction Package 4 22 miles underway/construction complete (1 underway, 21 completed).



Utility Relocations Status (Page 7)

- Relocated: 1,451 (79%); In Progress: 193 (11%); Approved to Start: 0 (0%); Not Started: 192 (10%); Total: 1,836. A total of 39 relocated in September 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: 753 (76%); In Progress: 124 (12%); Approved to Start: 0 (0%); Not Started: 115 (12%); Total: 992.
- Construction Package 2-3 Relocated: 565 (81%); In Progress: 59 (8%); Approved to Start: 0 (0%); Not Started: 77 (11%); 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 9 - 10)

- Total Parcels Delivered to Date 2,270 parcels compared to an estimated 2,288 parcels needed.
- Parcels Delivered to Design-Builder (DB) Zero parcels in September 2024.
- Construction Packages 1-4 Zero parcels added and one parcel removed for CP 1. 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 August 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 36 - 37)

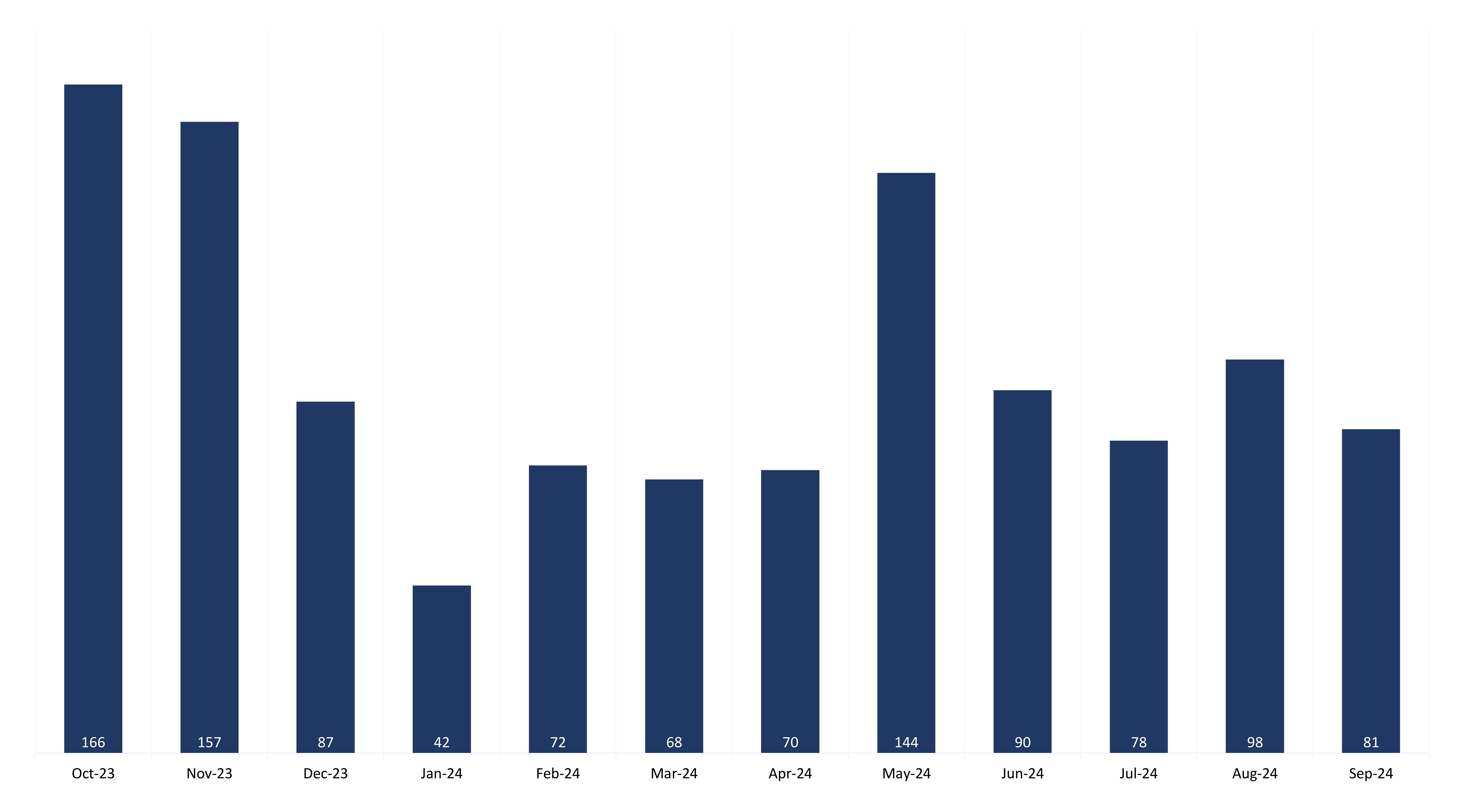
- San Francisco to San Jose Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- San Jose to Merced Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- Bakersfield to Palmdale Work through NOD/ROD has been completed. Continued meeting with key stakeholders, including the Center for Biological Diversity.
- Palmdale to Burbank Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- Burbank to Los Angeles Work through NOD/ROD has been completed. Project closeout activities are ongoing.
 Los Angeles to Anaheim Admin Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS) anticipated to be released in January 2025. NOD/ROD anticipated in late December 2025.

Project Development (Post-Record of Decision) Schedule (Page 37)

- Merced Extension (Merced to Madera) Stantec Inc., under Agreement HSR22-02, continues to make progress. For the design purpose, this project is split into four segments. The 30% design for the North Segment was approved on June 28, 2024. The 30% design for the South segment is expected to be approved on October 21, 2024.
- Fresno to Bakersfield Locally Generated Alternative (LGA) The Authority and HNTB Corporation (HNTB) continue to make progress, with configuration footprint expected to be delivered by 11/30/24. The Authority has issued a task order to HNTB for a limited notice to proceed with design advancement to 60% in Segment 1 through Shafter in the section associated with the CRISI Grant.

CP 1-4 — Design-Build Expenditures

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

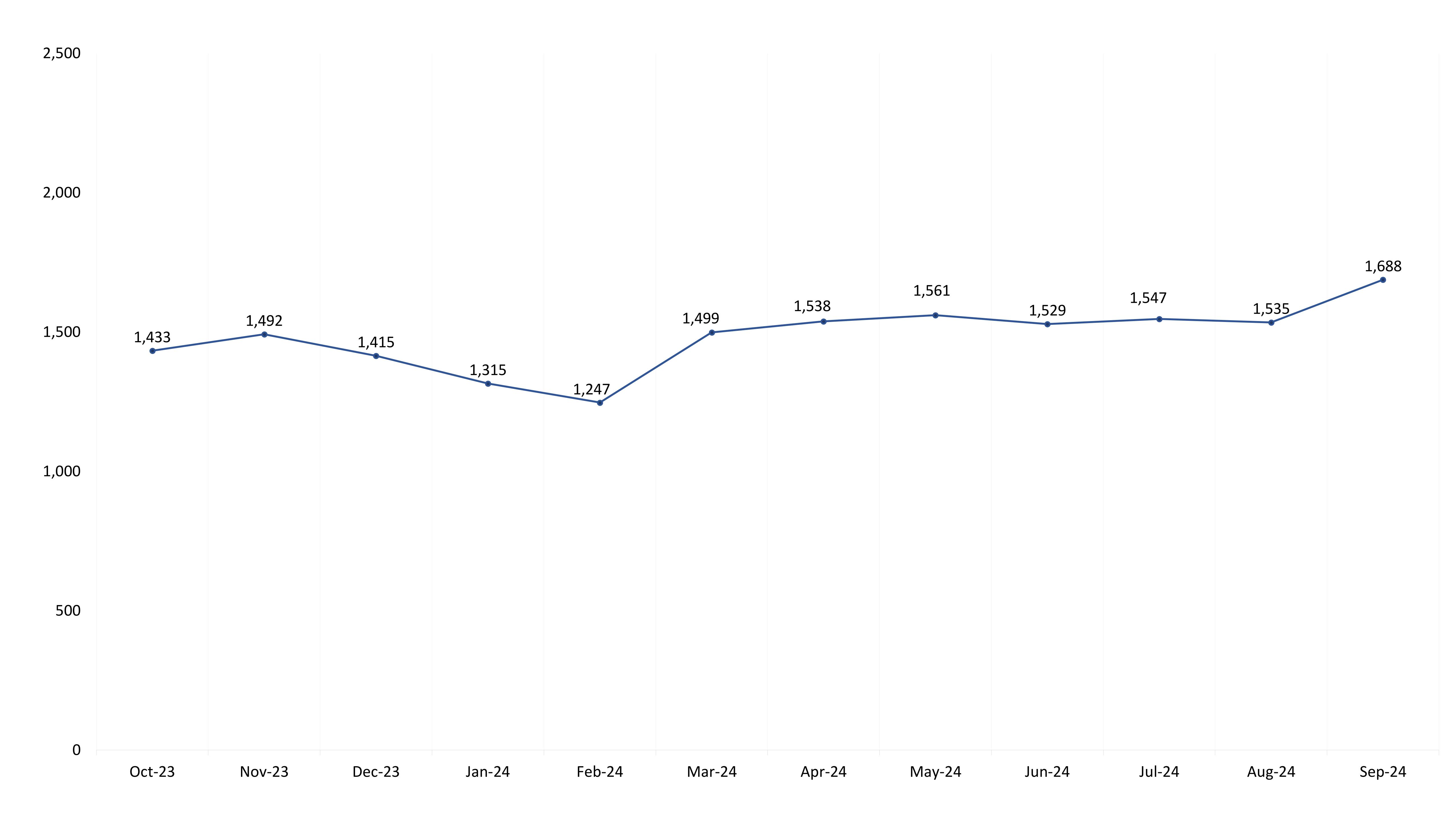


- 1. September 2024 Expenditures totaled \$80.5M.
- a. Construction Package 1 Expenditures totaled \$38.1M.
- b. Construction Package 2-3 Expenditures totaled \$42.4M.
- c. Construction Package 4 Expenditures totaled \$0.1M.



CP 1-4 – Monthly Construction Labor

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

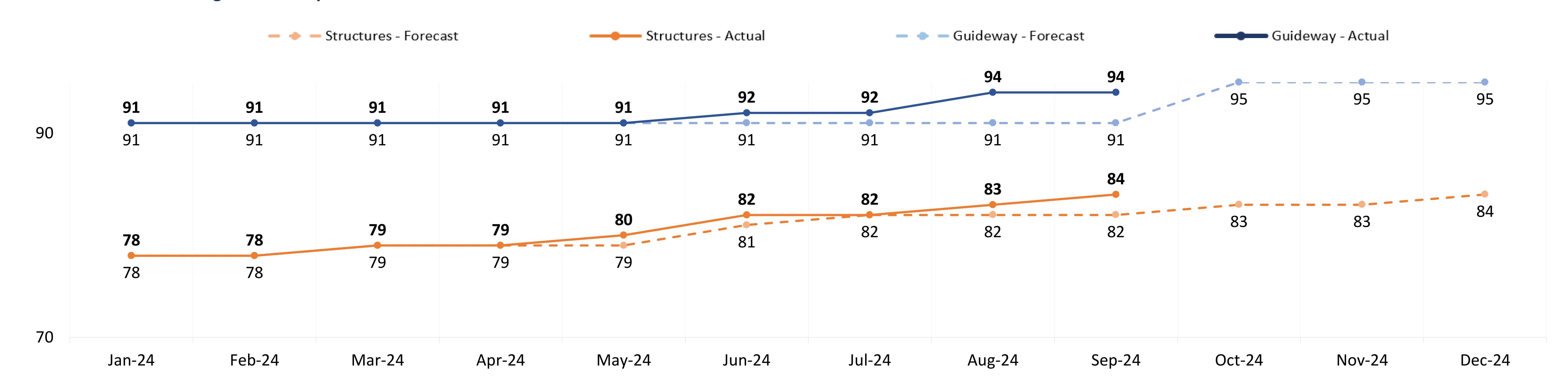


- 1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
- 2. September 2024, Average Daily Site Workers (by week) 1,688 workers. An increase of 153 workers from the previous period (1,535).
- a. Construction Package 1 (Page 17) 440 workers. An increase of 3 workers from the previous month (437).
- b. Construction Package 2-3 (Page 26) 1,214 workers. An increase of 164 workers from the previous month (1,050).
- c. Construction Package 4 (Page 36) 34 workers. A decrease of 14 workers from the previous month (48).



CP 1-4 — Construction Progress

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



Monthly Construction Status – Underway vs. Completed

Construction	CP 1		CP 2-3	CP 2-3 Overall		Total			
	Underway	Completed	Underway	Completed	Underway	Completed	Underway	Completed	
Guideway	18	2	15	37	1	21	34	60	94
Structures	11	18	24	20	0	11	35	49	84

- 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 84 underway/construction complete compared to 93 structures total (90%). One structure started in September 2024.
- a. CP 1 29 structures underway/construction complete.
- b. CP 2-3 44 structures underway/construction complete. One structure started in September 2024 (Stoil Spur).
- c. CP 4-11 of 11 structures completed.
- 4. Total Guideway: approximately 119 miles.
- 5. Guideway 94 miles underway/construction complete compared to 119 miles total (79%). One mile completed in September 2024.
- a. CP 1 20 miles underway/construction complete.
- b. CP 2-3 52 miles underway/construction complete. One mile completed in September 2024 (Hanford Viaduct to Hanford Armona).
- c. CP 4 22 miles underway/construction complete. The total miles for CP 4 are 21.5 miles but rounded to 22 miles for consistency in reporting.

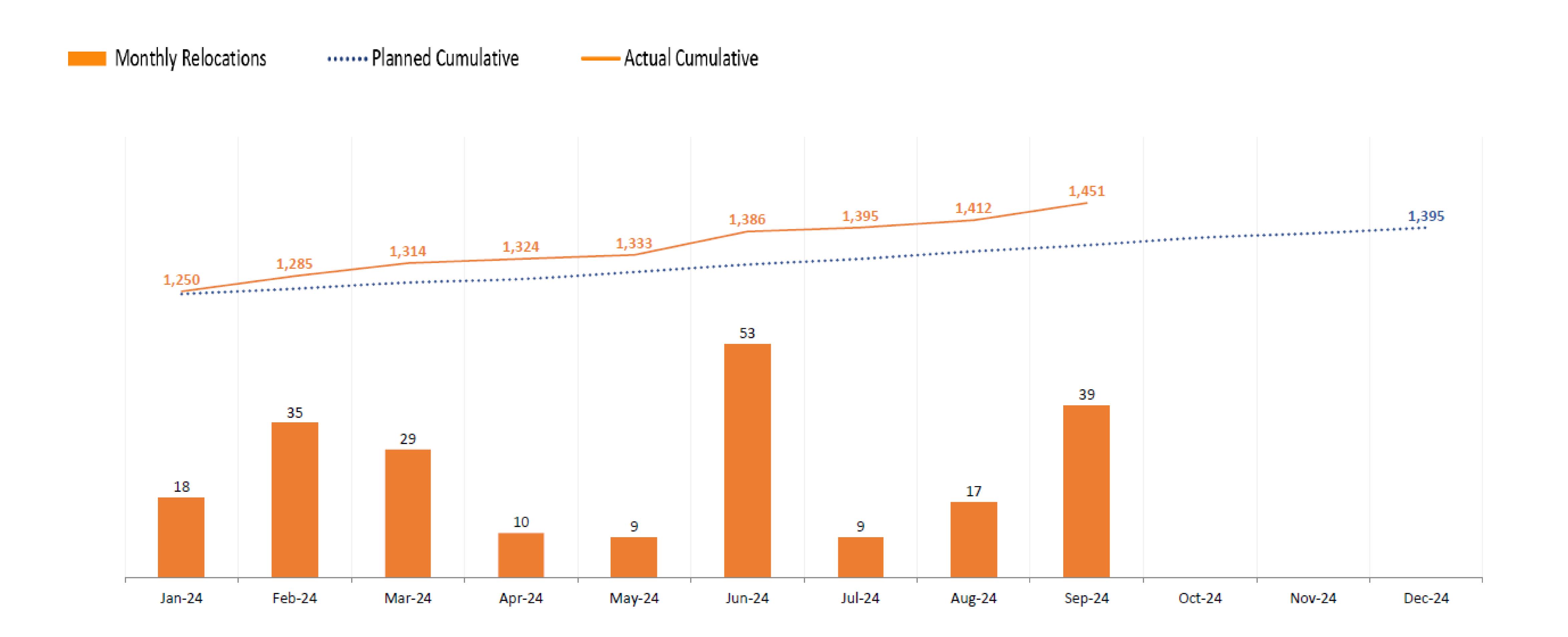


CP 1-4 — Utility Relocations

CP 1-4 – Right-of-Way (ROW) Summary

Construction Dackage	Total Relocations	Total Utilities Relocated to Date	Remaining Utility Relocations
Construction Package	Sep 30, 2024	Sep 30, 2024	Sep 30, 2024
CP 1	992	753	239
CP 2-3	701	565	136
CP 4	143	133	10
Total	1,836	1,451	385

CP 1-4 – Utility Relocation Status Summary-Monthly





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
	NOT STARTED	50	59	0	109	16%
	APPROVED TO START	0	0	0	0	0%
Electric	IN PROGRESS	22	30	0	52	8%
	RELOCATED	143	295	62	500	76%
	TOTAL	215	384	62	661	100%
	NOT STARTED	15	7	0	22	18%
	APPROVED TO START	0	0	0	0	0%
Gas	IN PROGRESS	11	2	0	13	10%
	RELOCATED	64	18	7	89	72%
	TOTAL	90	27	7	124	100%
	NOT STARTED	1	0	0	1	100%
	APPROVED TO START	0	0	0	0	0%
PGE Telecom	IN PROGRESS	0	0	0	0	0%
	RELOCATED	0	0	0	0	0%
	TOTAL	1	0	0	1	100%
	NOT STARTED	26	3	0	29	4%
	APPROVED TO START	0	0	0	0	0%
Telecom	IN PROGRESS	21	16	0	37	5%
	RELOCATED	368	214	32	614	90%
	TOTAL	415	233	32	680	100%
	NOT STARTED	23	8	0	31	8%
	APPROVED TO START	0	0	0	0	0%
Wet	IN PROGRESS	70	11	10	91	25%
	RELOCATED	178	38	32	248	67%
	TOTAL	271	57	42	370	100%



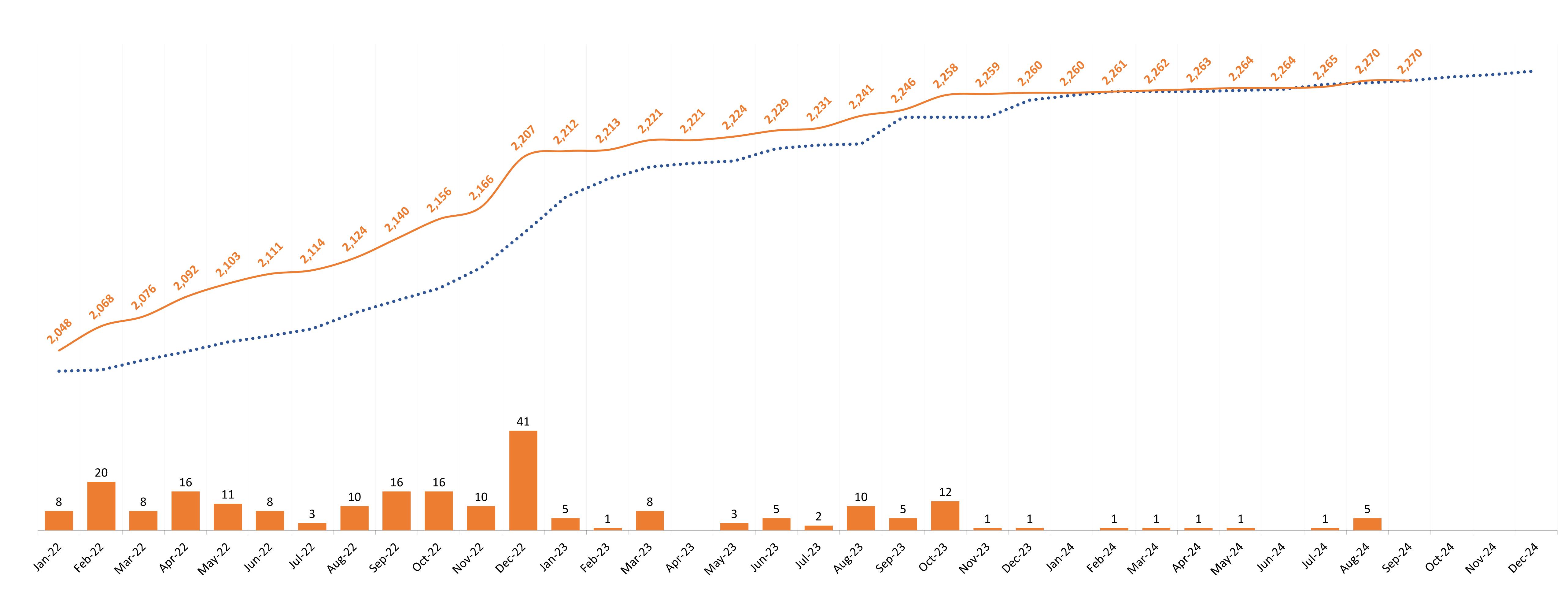
CP 1-4 – Real Property/Right-of-Way (ROW)

CP 1-4 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Sep 30, 2024	Total Parcels Delivered to Date Sep 30, 2024	Remaining Parcels to be Delivered Sep 30, 2024	Percentage Delivery
CP 1	1,077	1,066	11	99%
CP 2-3	988	981	7	99%
CP 4	223	223	0	100%
Total	2,288	2,270	18	99%

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





- 1. This reflects the actual parcels delivered to the Design-Builder by month and forecast dates.
- 2. Total Parcels Needed in CP 1 reduced by one parcel in September.

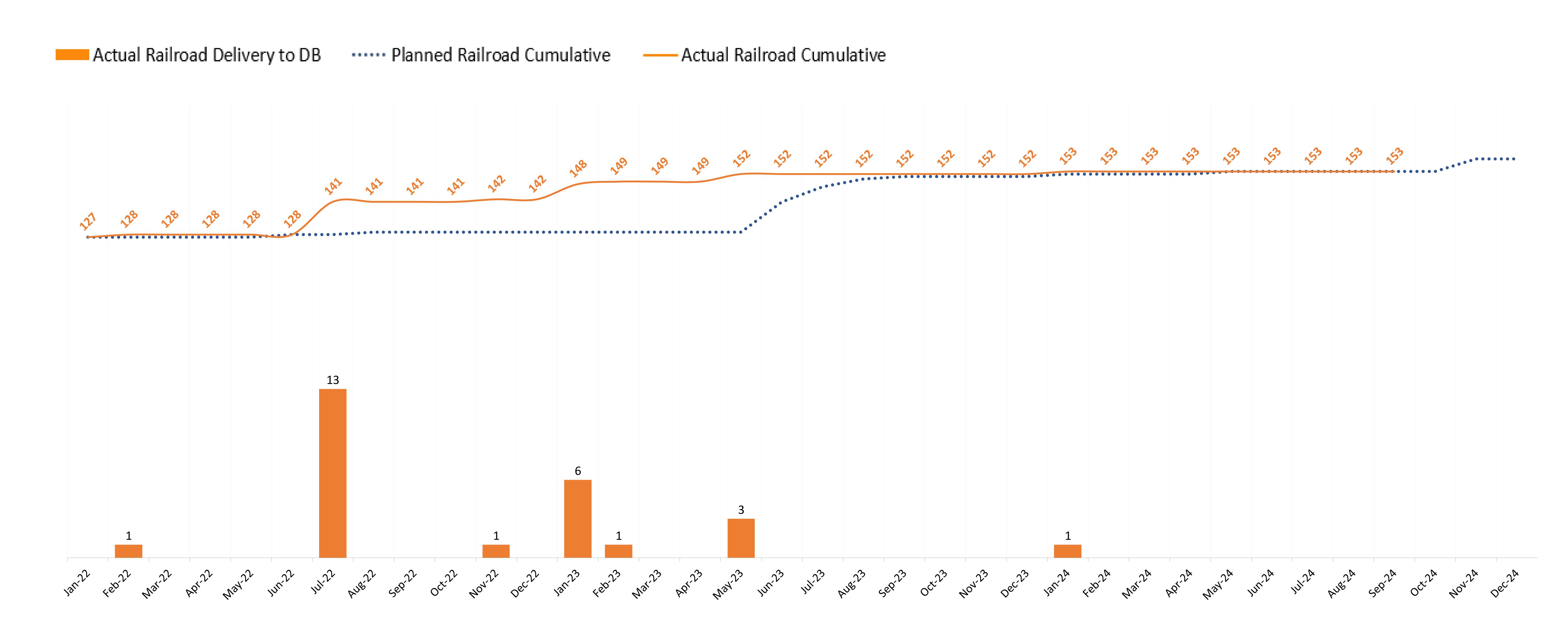


CP 1-4 – Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Sep 30, 2024	Total Railroad Parcels Delivered to Date Sep 30, 2024	Remaining Railroad Parcels to be Delivered Sep 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



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 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:	\$2,746,050,056.14
Current Contract Amount:	\$3,769,038,056.14
Approved Invoices to Date:	\$2,707,859,551.53
Remaining Contract Balance:	\$1,061,178,504.61

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 09/30/2024):	4,003

Expended to Date

Description	Percentage
Time ⁽³⁾ :	83.6%
Dollars:	71.8%

Growth Percentage

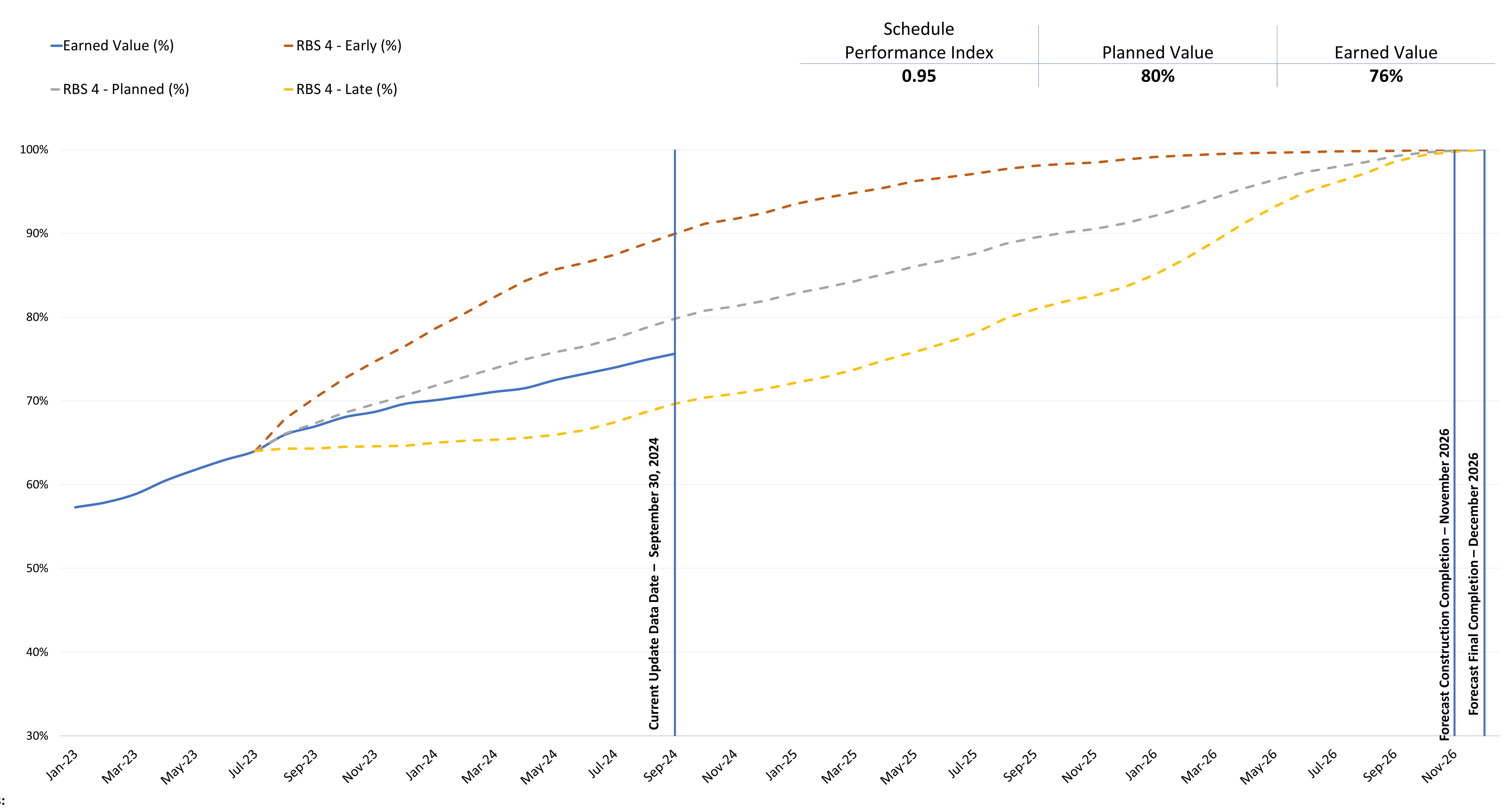
	Description	Percentage
Time ⁽³⁾ :		194.0%
Dollars:		268.4%

- 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) calculation is based on the Current Forecast Construction Completion Date.



CP 1 — Earned Value

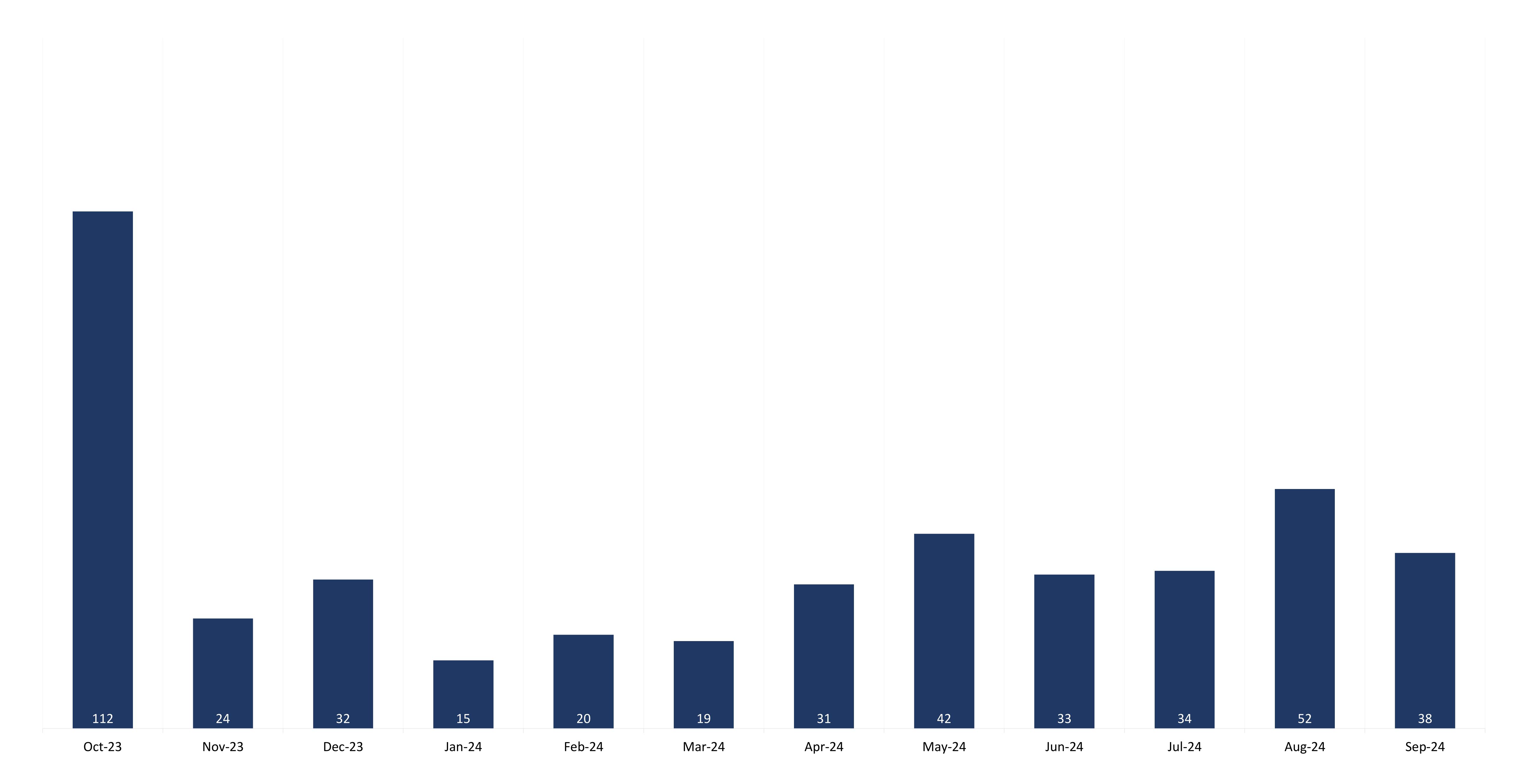
CP 1 – Earned Value Summary (%)



- 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 Performance Index (SPI) is measured against the average graph.

CP 1 - Design-Build Expenditures

CP 1 – Monthly Expenditures (\$ Millions)



- 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 \$38.1M.



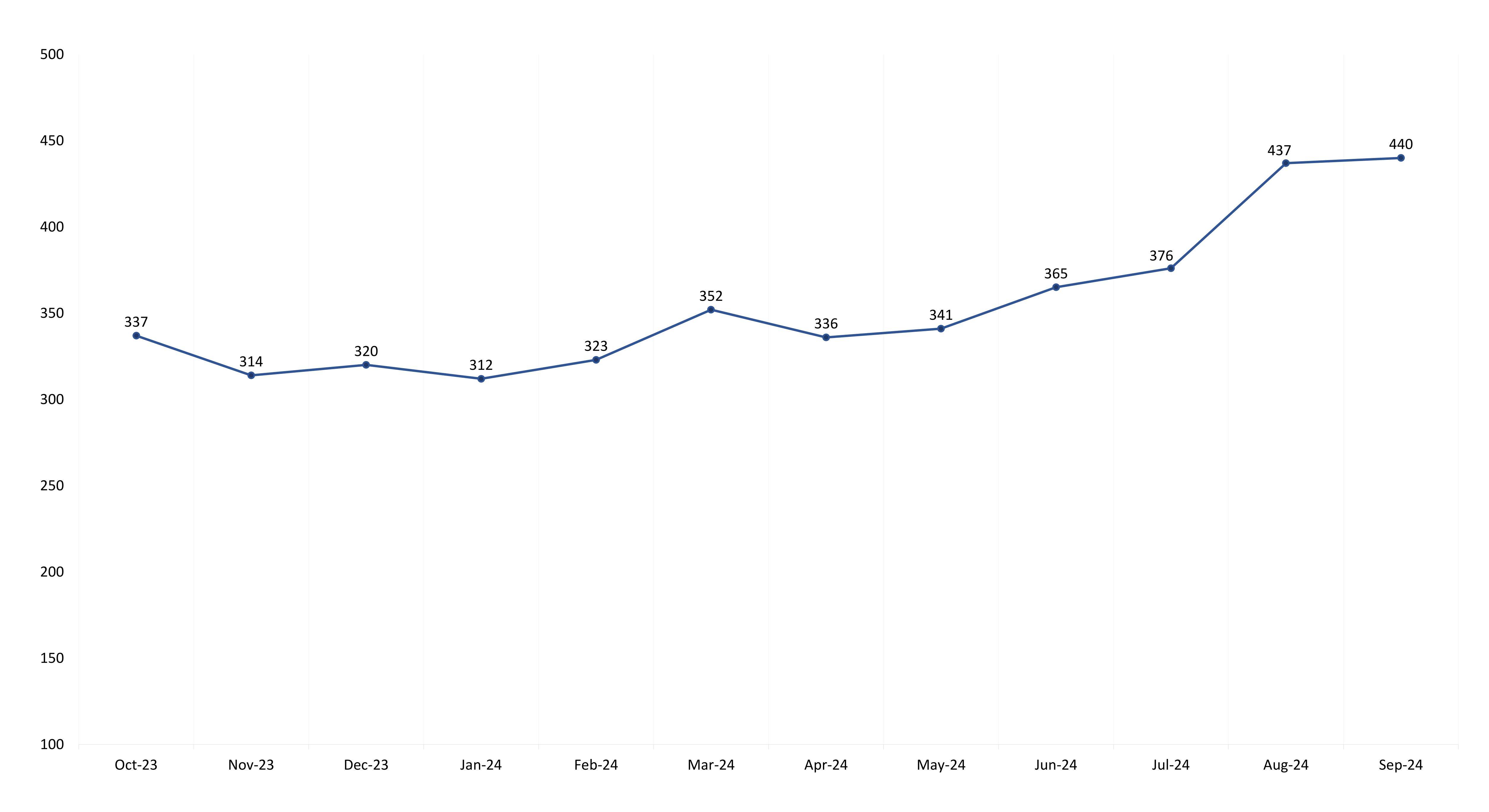
CP 1 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
5.3	Local and Long Distance Phone Additional Charges III	Executed	\$25,000.00	9/30/2024
286.02	Additional Bizhub C558 Copiers III	Executed	\$22,875.74	9/20/2024
554	Olive and West Avenue Traffic Signal Design	Executed	\$43,831.00	9/25/2024
561	Field Directive - Night and Weekend Work at Central Avenue	Executed	\$100,000.00	9/30/2024
565	Field Directive - McKinley Ave and Golden State Boulevard Connector - Temporary Lighting	Executed	\$200,000.00	9/10/2024
568	COF ITS New CVIN Fiber Installed along Herndon Avenue	Executed	\$75,000.00	9/30/2024
569	Grounding and Bonding Certification	Executed	\$792,434.00	9/10/2024
570	Shaw Avenue Median Removal TCP, Additional Flaggers T&M	Executed	\$80,000.00	9/30/2024
571	UPRR 2-Year Shelf Life Requirement for Workplans	Executed	\$69,766.00	9/24/2024
574	Belmont Ave Grade Separation - Video Detection System at Palm Ave	Executed	\$90,648.00	9/10/2024
	Total		\$1,499,554.74	



CP 1 – Monthly Construction Labor

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

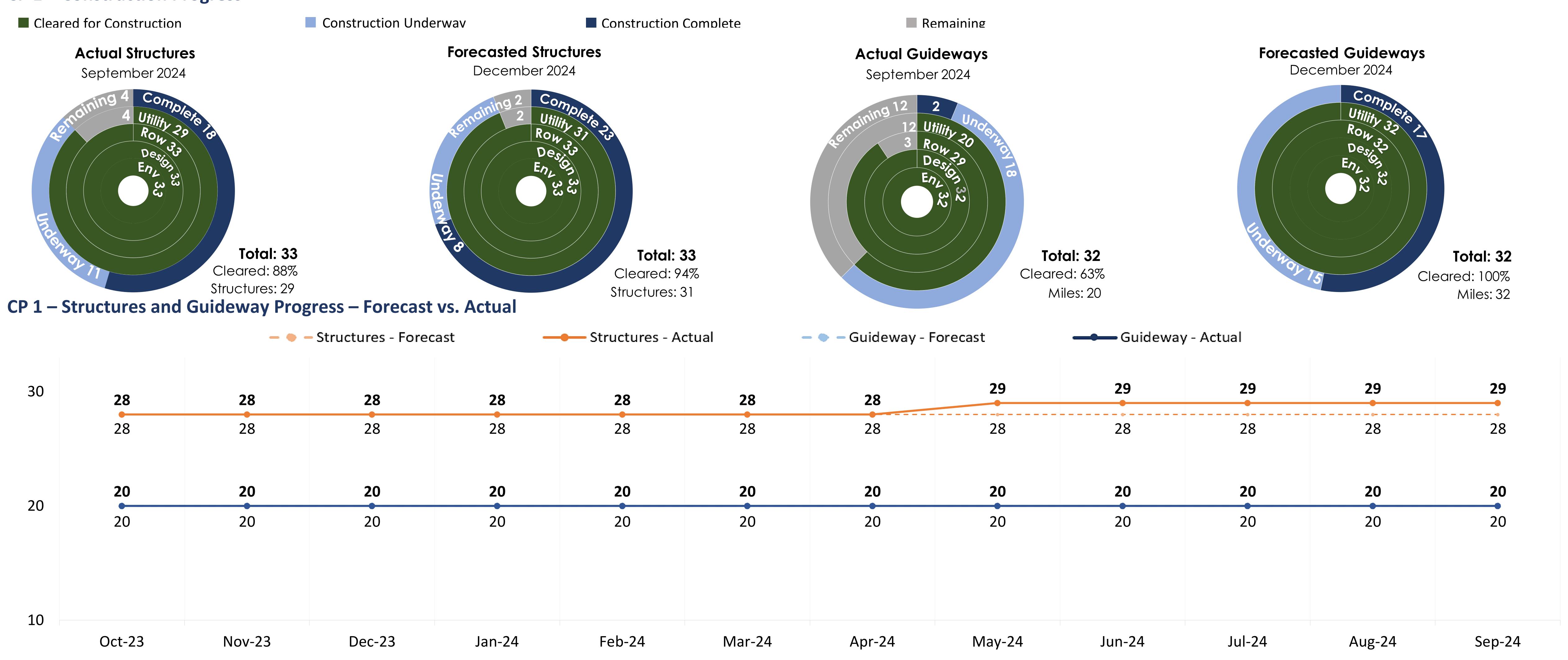


- 1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
- 2. At 440, it is an increase of 3 from the previous month (437).



CP 1 - Construction Progress

CP 1 – Construction Progress



- 1. The circle charts above incorporate Revised Baseline Schedules (RBS) Revision 4 accepted schedule.
- 2. Construction Complete definition:
- a. Structure Completion all concrete work is complete.
- b. Guideway Completion earthworks complete with rough grading.
- 3. Total Structures: 33.
- a. 29 structures underway/construction complete.
- 4. Total Guideway: 32 miles.
- a. 20 miles underway/construction complete.
- 5. Late finish dates are being used to estimate forecast numbers.
- 6. 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 Intrusion Protection Barriers (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	115	12%
Total Utilities Approved to Start	0	0%
Total Utilities in Progress	124	12%
Total Utilities Relocated	753	76%
Total	992	100%

CP 1 – Summary by Utility Type

Utility	Status	Utility Relocations	Percentage
	NOT STARTED	50	23%
	APPROVED TO START	0	0%
Electric	IN PROGRESS	22	10%
	RELOCATED	143	67%
	TOTAL	215	100%
	NOT STARTED	15	17%
	APPROVED TO START	0	0%
Gas	IN PROGRESS	11	12%
	RELOCATED	64	71%
	TOTAL	90	100%
	NOT STARTED	1	100%
	APPROVED TO START	0	0%
PGE Telecom	IN PROGRESS	0	0%
	RELOCATED	0	0%
	TOTAL	1	100%
	NOT STARTED	26	6%
	APPROVED TO START	0	0%
Telecom	IN PROGRESS	21	5%
	RELOCATED	368	89%
	TOTAL	415	100%
	NOT STARTED	23	8%
	APPROVED TO START	0	0%
Wet	IN PROGRESS	70	26%
	RELOCATED	178	66%
	TOTAL	271	100%

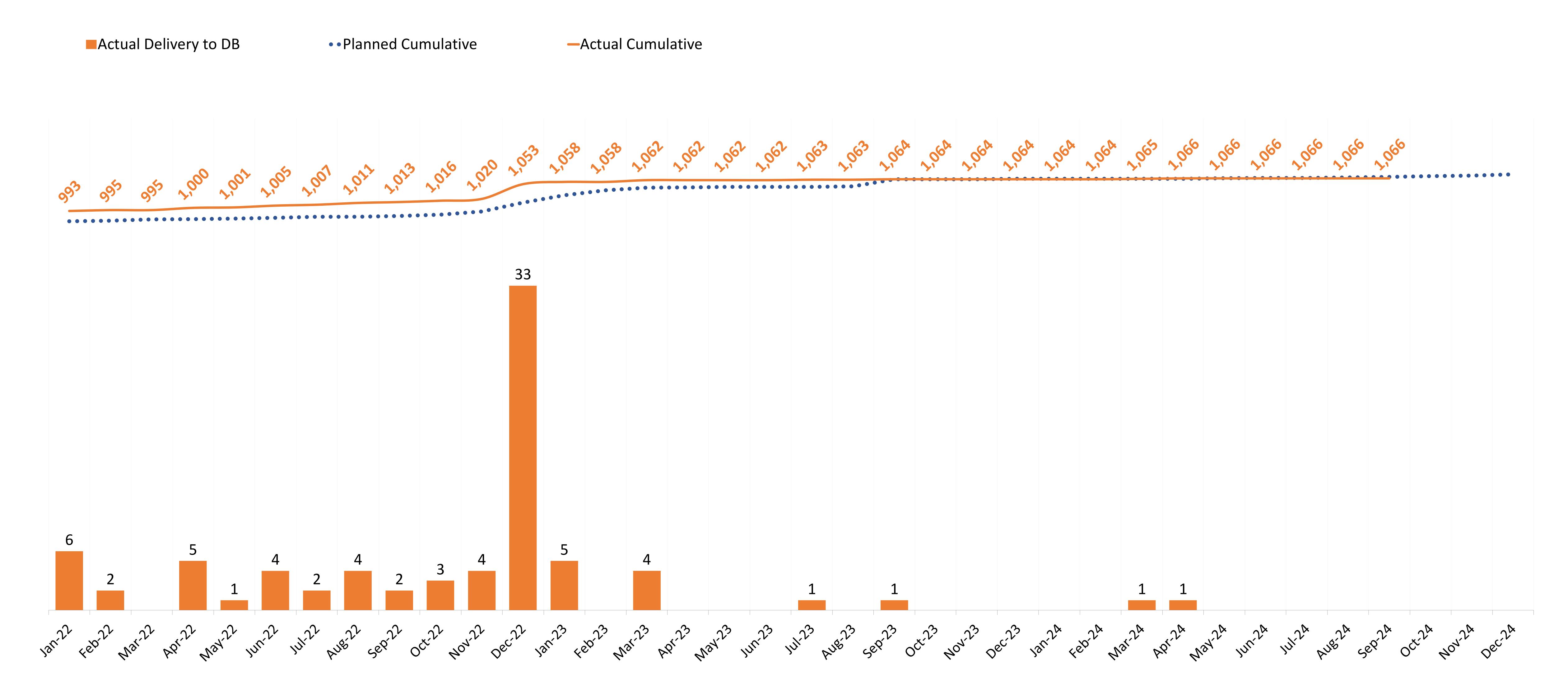


CP 1 —Real Property/Right-of-Way (ROW)

CP 1 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Sep 30, 2024	Total Parcels Delivered to Date Sep 30, 2024	Remaining Parcels to be Delivered Sep 30, 2024
CP 1	1,077	1,066	11

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



- 1. This reflects the actual parcels delivered to the Design-Builder by month and updated forecast dates.
- 2. Total Parcels Needed in CP 1 reduced by one parcel in September.



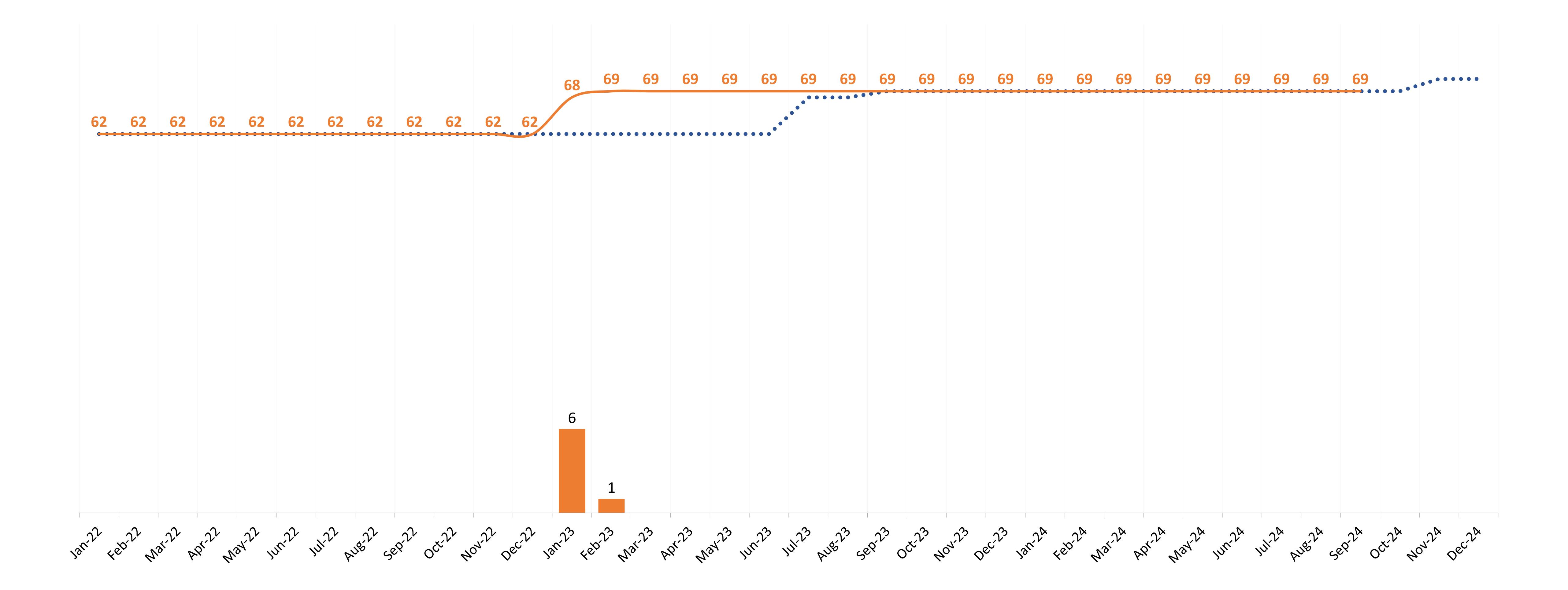
CP 1 - Real Property/Right-of-Way (ROW) Railroad

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

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

CP 1 – 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 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 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:	\$2,224,870,737.89
Current Contract Amount:	\$3,590,206,627.89
Approved Invoices to Date:	\$2,819,195,189.41
Remaining Contract Balance:	\$771,011,438.48

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 09/30/2024):	3,355

Expended to Date Percentage

Description	Percentage
Time ⁽³⁾ :	86.2%
Dollars:	78.5%

Growth Percentage

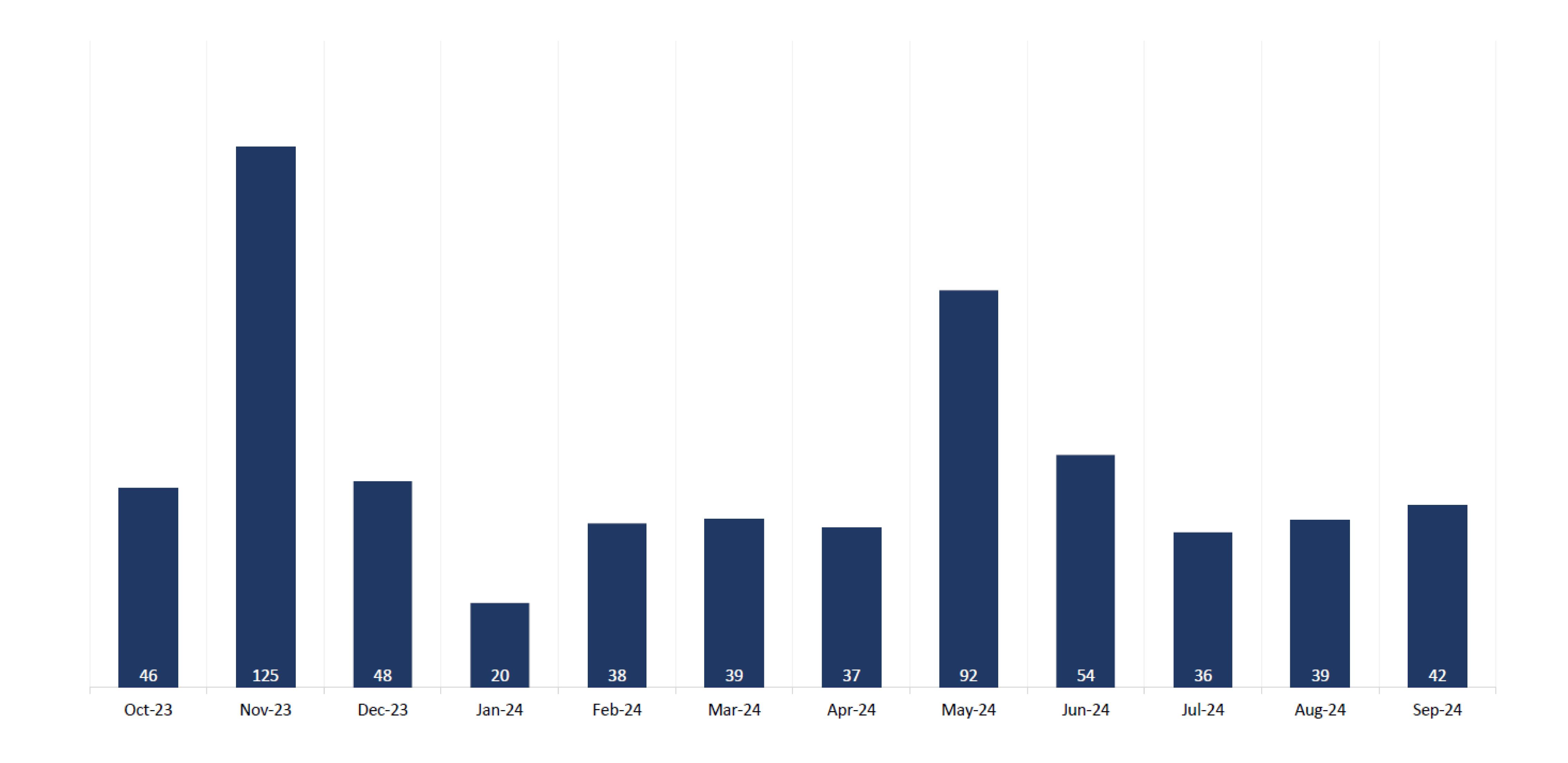
	Description	Percentage
Time ⁽³⁾ :		161.9%
Dollars:		163.0%

- 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) calculation is based on the Current Forecast Construction Completion Date.



CP 2-3 – Design-Build Expenditures

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



- 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 \$42.4M.



CP 2-3 — Change Orders (CO)

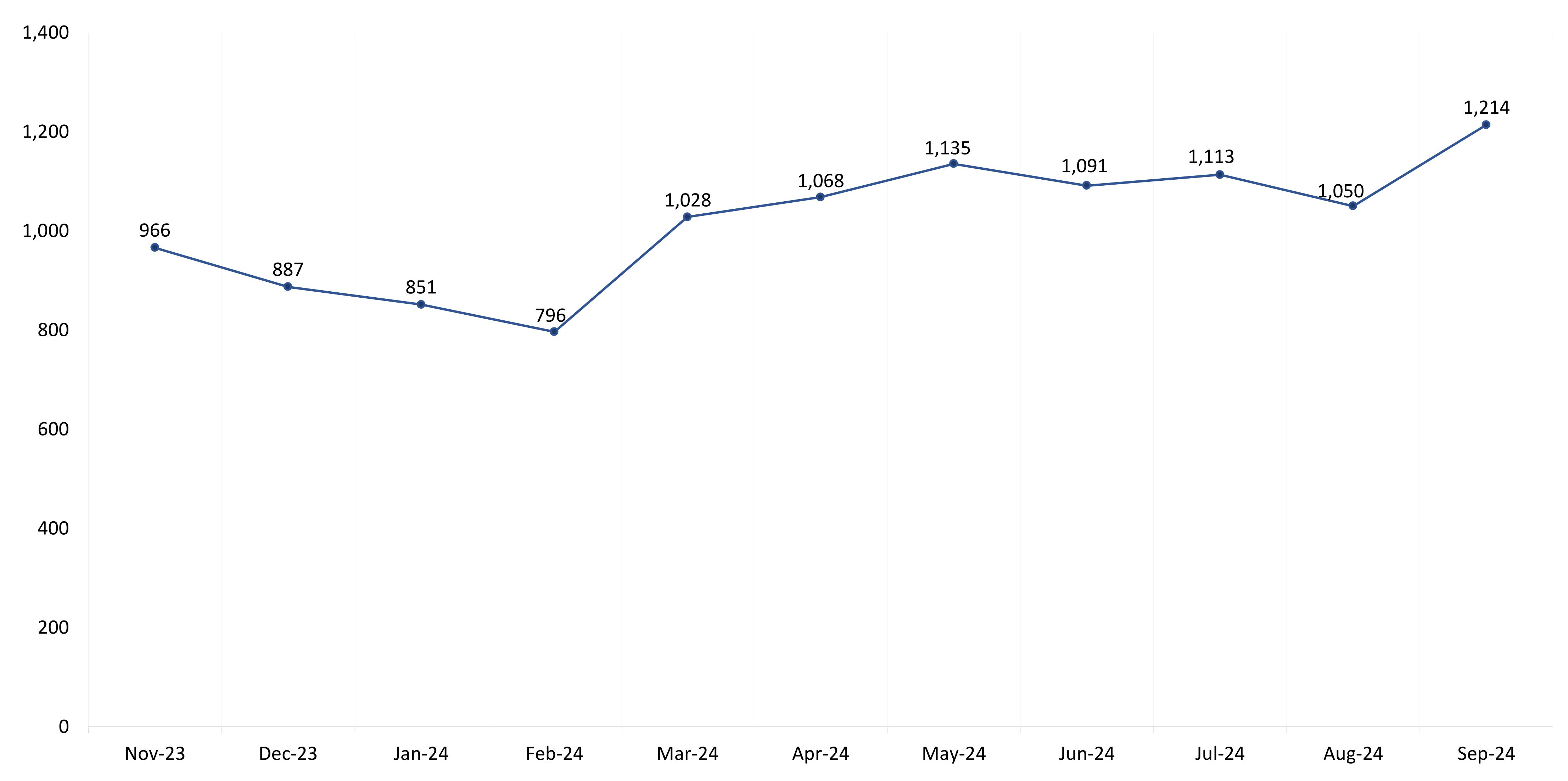
CP 2-3 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
312.5	Interim Time Extension	Executed	\$13,026,846.30	9/25/2024
414	Avenue 56 Bridge GBR-C Changes – Design & Construction	Executed	\$644,506.00	9/25/2024
386.2	Corcoran Highway Redesign to Avoid PG&E Transmission Utility —Design Only	Executed	\$656,169.00	9/17/2024
407	Houston Ave SCE OH-UG and Other Utilities	Executed	\$2,482,024.00	9/11/2024
409	SR43 Curved Bridge GBR-B vs GBR-C Changes – Design & Construction	Executed	\$5,074,959.00	9/10/2024
413	9th Avenue Bridge GBR-C Changes – Design and Construction	Executed	\$161,850.00	9/6/2024
372.2	Additional Kings County Pothole Repair and Related Ancillary Work on Overhead Structures – T&M	Executed	\$100,000.00	9/6/2024
	Total		\$22,146,354.30	



CP 2-3 – Monthly Construction Labor

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

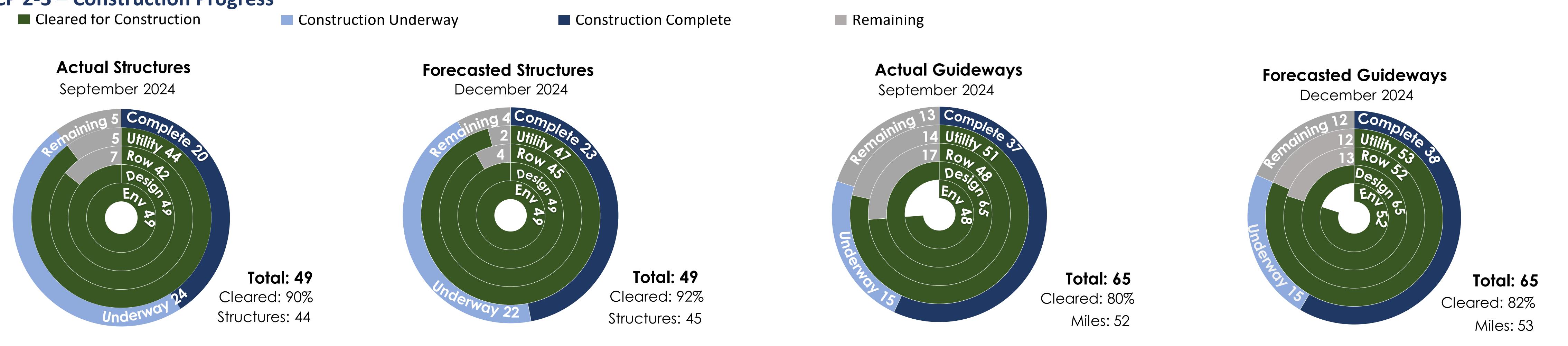


- 1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
- 2. At 1,214, it is an increase of 163.75 from the previous month (1,050).

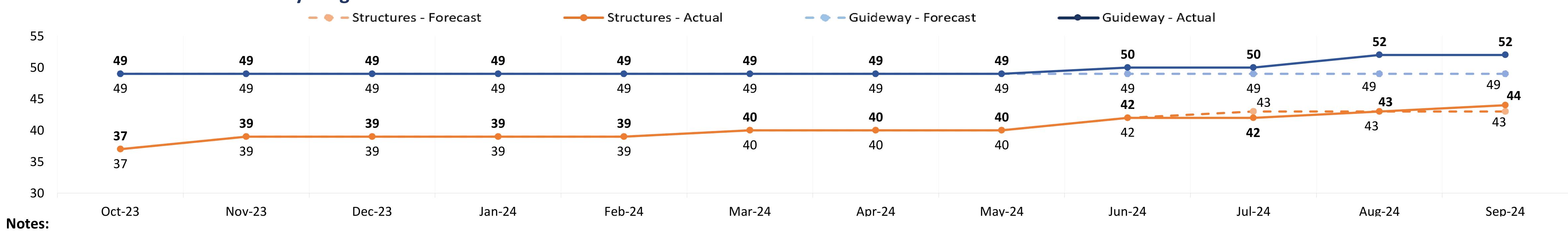


CP 2-3 – Construction Progress

CP 2-3 – Construction Progress



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



- 1. The circle charts above incorporate Revised Baseline Schedules (RBS) Revision 4 data as of September 2022, pending final approval.
- 2. The line chart above incorporates provisional forecast numbers as of September 2022, pending final approval of RBS Revision 4.
- 3. Construction Complete definition:
 - a. Structure Completion all concrete work is complete.
 - b. Guideway Completion earthworks complete with rough grading.
- 4. Total Structures: 49:
- a. 44 structures underway/construction complete. One structure started in September 2024 (Stoil Spur).
- 5. Total Guideway: 65 miles:
 - a. 52 miles underway/construction complete. One mile completed in September 2024 (Hanford Viaduct to Hanford Armona).
- 6. 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	77	11%
Total Utilities Approved to Start	0	0%
Total Utilities in Progress	59	8%
Total Utilities Relocated	565	81%
Total	701	100%

CP 2-3 – Summary by Utility Type

Utility	Status	Utility Relocations	Percentage
	NOT STARTED	59	15%
	APPROVED TO START	0	0%
Electric	IN PROGRESS	30	8%
	RELOCATED	295	77%
	TOTAL	384	100%
	NOT STARTED	7	26%
	APPROVED TO START	0	0%
Gas	IN PROGRESS	2	7%
	RELOCATED	18	67%
	TOTAL	27	100%
	NOT STARTED	3	1%
	APPROVED TO START	0	0%
Telecom	IN PROGRESS	16	7%
	RELOCATED	214	92%
	TOTAL	233	100%
	NOT STARTED	8	14%
	APPROVED TO START	0	0%
Wet	IN PROGRESS	11	19%
	RELOCATED	38	67%
	TOTAL	57	100%

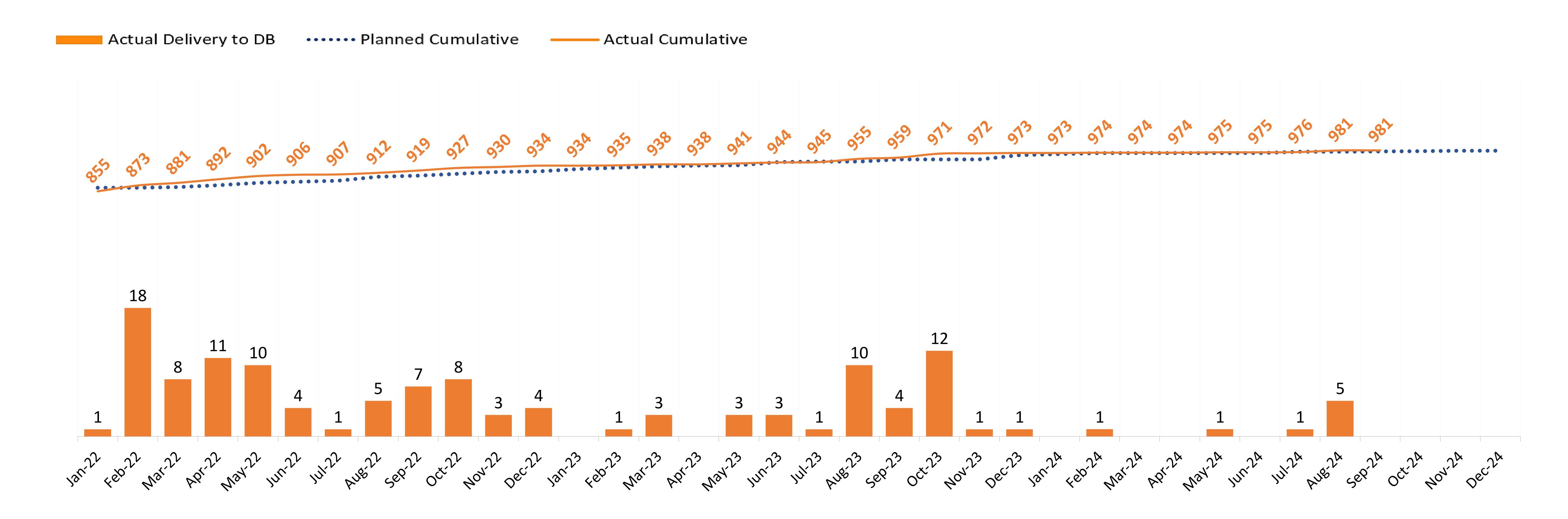


CP 2-3 — Real Property/Right-of-Way (ROW)

CP 2-3 – Right-of-Way (ROW) Summary

Construction Package	Total Needed Parcels Sep 30, 2024	Total Parcels Delivered to Date Sep 30, 2024	Remaining Parcels to be Delivered Sep 30, 2024
CP 2-3	988	981	7

CP 2-3 – 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.

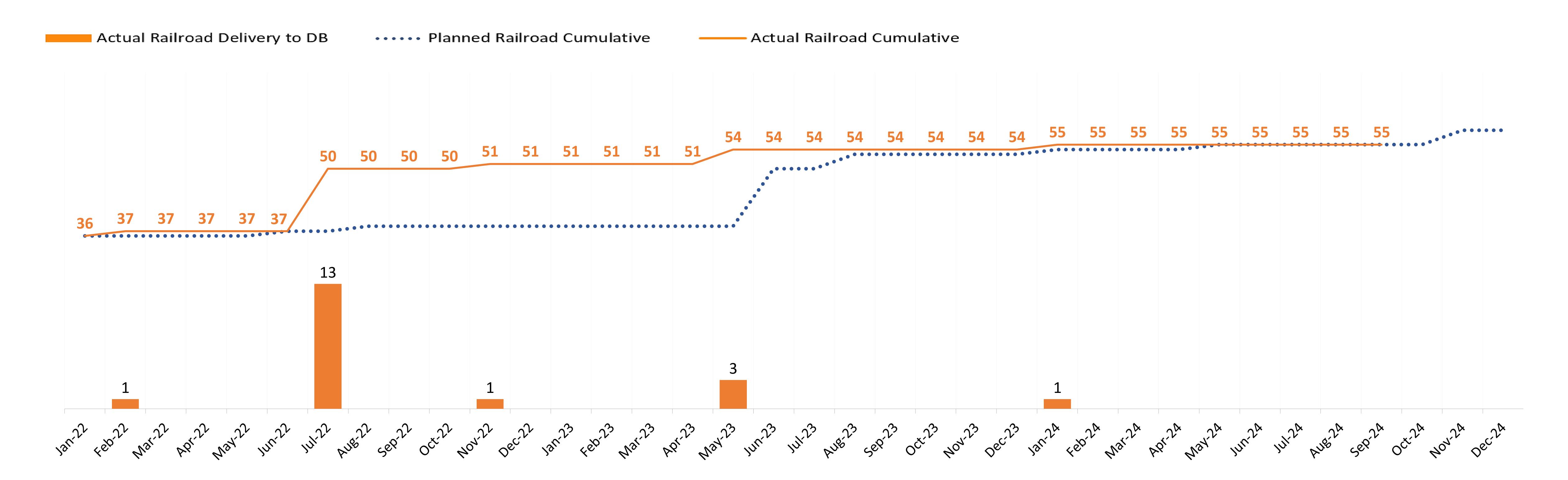


CP 2-3 — Real Property/Right-of-Way (ROW) Railroad

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

Construction Package	Total Needed Railroad Parcels Sep 30, 2024	Total Railroad Parcels Delivered to Date Sep 30, 2024	Remaining Railroad Parcels to be Delivered Sep 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):	Nov 2024

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:	\$398,015,118.42
Current Contract Amount:	\$842,262,118.42
Approved Invoices to Date:	\$827,471,905.72
Remaining Contract Balance:	\$14,790,212.70

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 09/30/2024):	3,090

Expended to Date

	Description	Percentage
Time ⁽³⁾ :		100.0%
Dollars:		98.2%

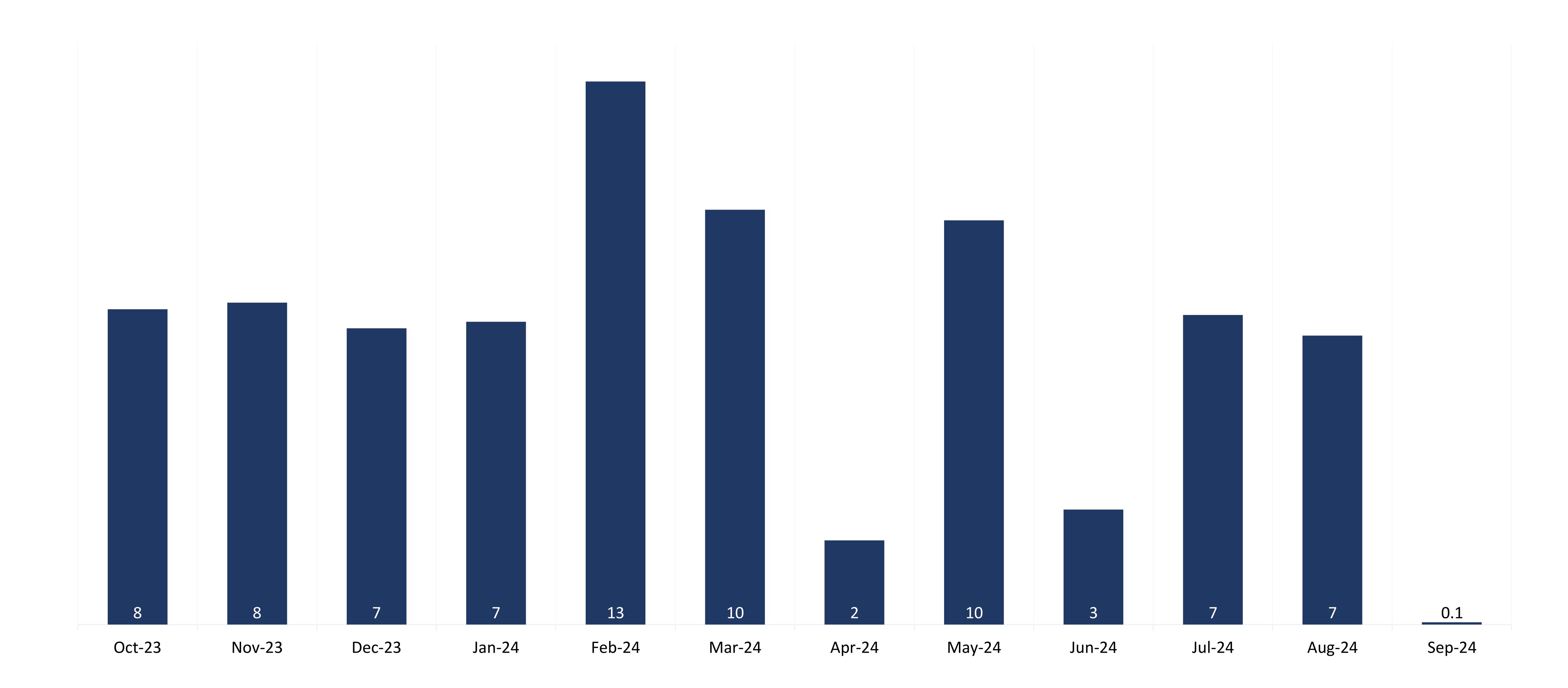
Growth Percentage

	Description	Percentage
Time ⁽³⁾ :		146.9%
Dollars:		89.6%

- 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)



- 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 \$0.1M.



CP 4 – Change Orders (CO)

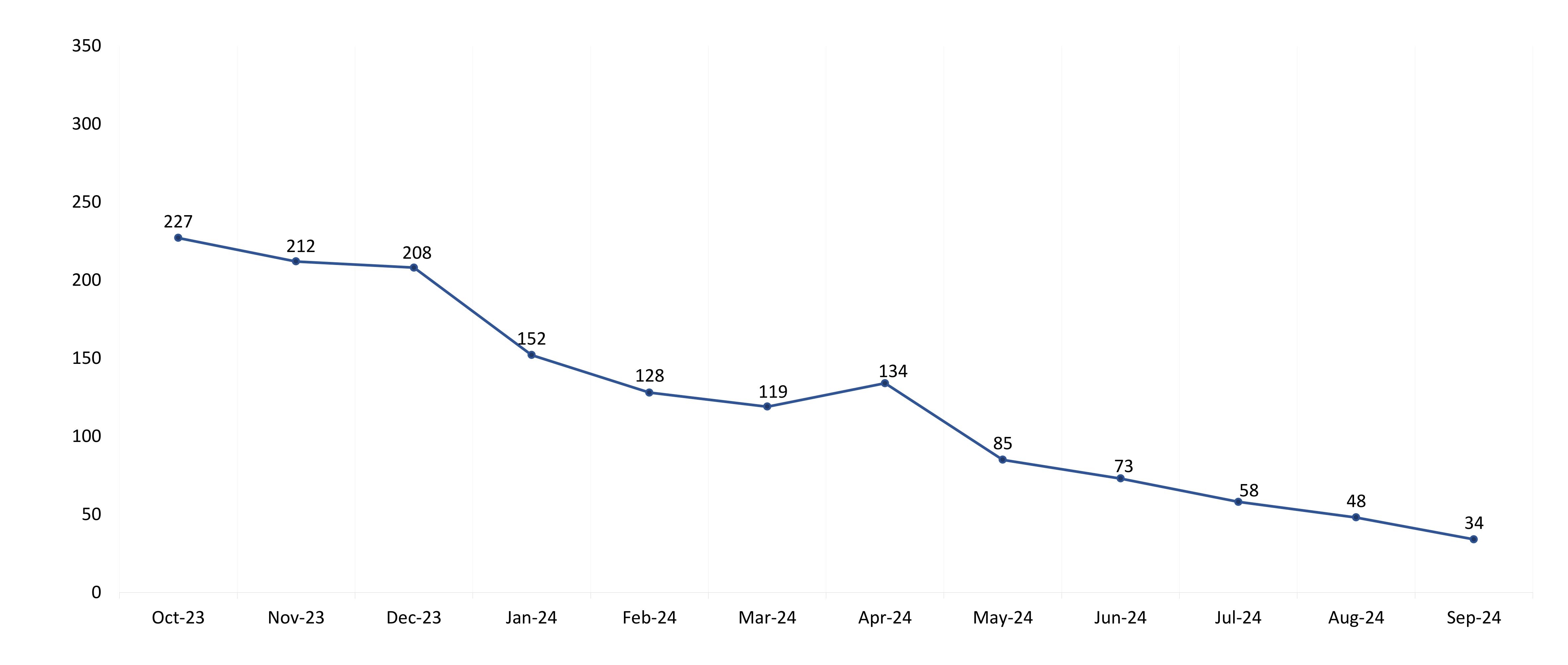
CP 4 – Change Order Status

CO Number	Title	Change Status	Amount	Executed Date
246	Temporary Cameras at Pedestrian Underpass	Executed	\$81,498.01	9/19/2024
249	Environmental Monitoring Additional Costs from January 2024 to February 2024	Executed	\$489,851.15	9/19/2024
250	Environmental Monitoring Additional Costs from February 2024 to March 2024	Executed	\$519,550.25	9/19/2024
239	North Kern Water Storage District Additional Costs Not Covered Under the Contract - 17th Submission	Executed	\$21,974.09	9/13/2024
	Total		\$1,112,873.50	



CP 4 – Monthly Construction Labor

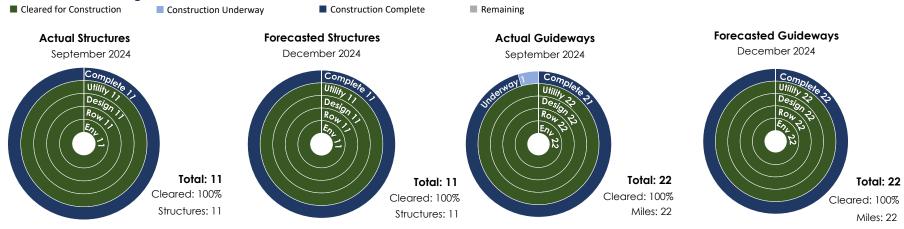
CP 4 – Monthly Construction Workforce Total – Actual (FTE)



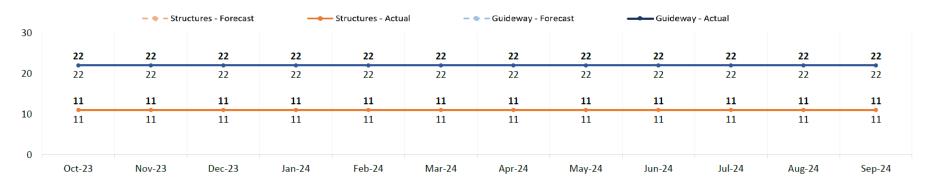
- 1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
- 2. At 34, it is a decrease of 14 from the previous month (48).

CP 4 – Construction Progress

CP 4 – Construction Progress



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



- 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 total 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
	NOT STARTED	0	0%
	APPROVED TO START	0	0%
Electric	IN PROGRESS	0	0%
	RELOCATED	62	100%
	TOTAL	62	100%
	NOT STARTED	0	0%
	APPROVED TO START	0	0%
Gas	IN PROGRESS	0	0%
	RELOCATED	7	100%
	TOTAL	7	100%
	NOT STARTED	0	0%
	APPROVED TO START	0	0%
Telecom	IN PROGRESS	0	0%
	RELOCATED	32	100%
	TOTAL	32	100%
	NOT STARTED	0	0%
	APPROVED TO START	0	0%
Wet	IN PROGRESS	10	24%
	RELOCATED	32	76%
	TOTAL	42	100%

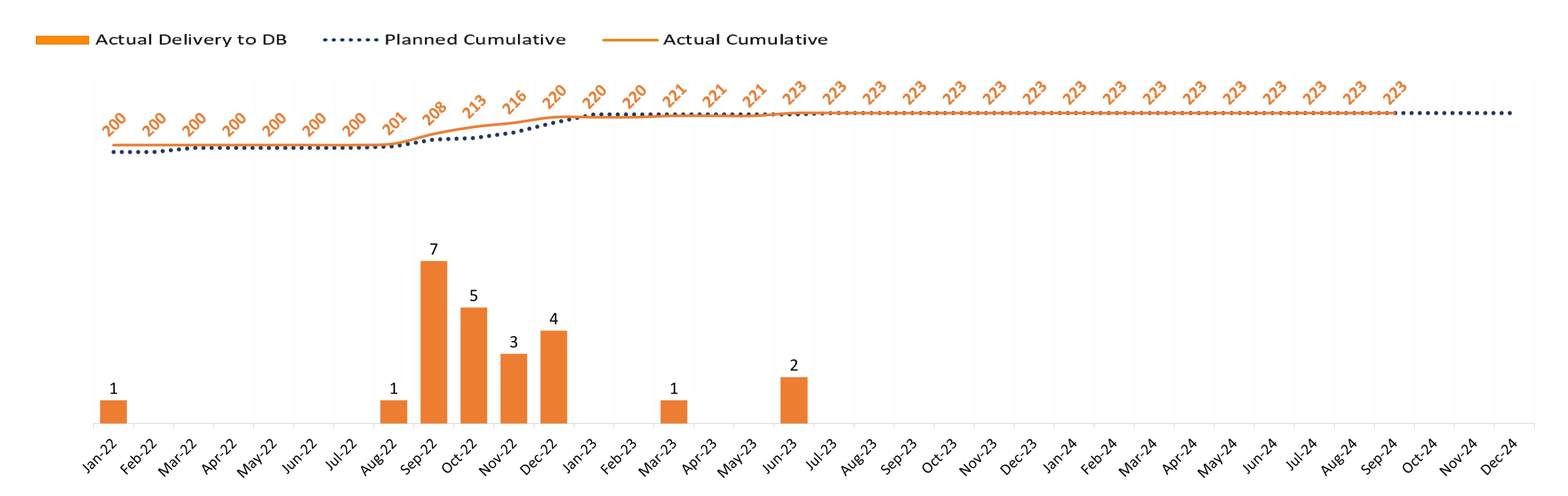


CP 4 – Real Property/Right-of-Way (ROW)

CP 4 – Right-of-Way (ROW) Summary

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

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



Notes:

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

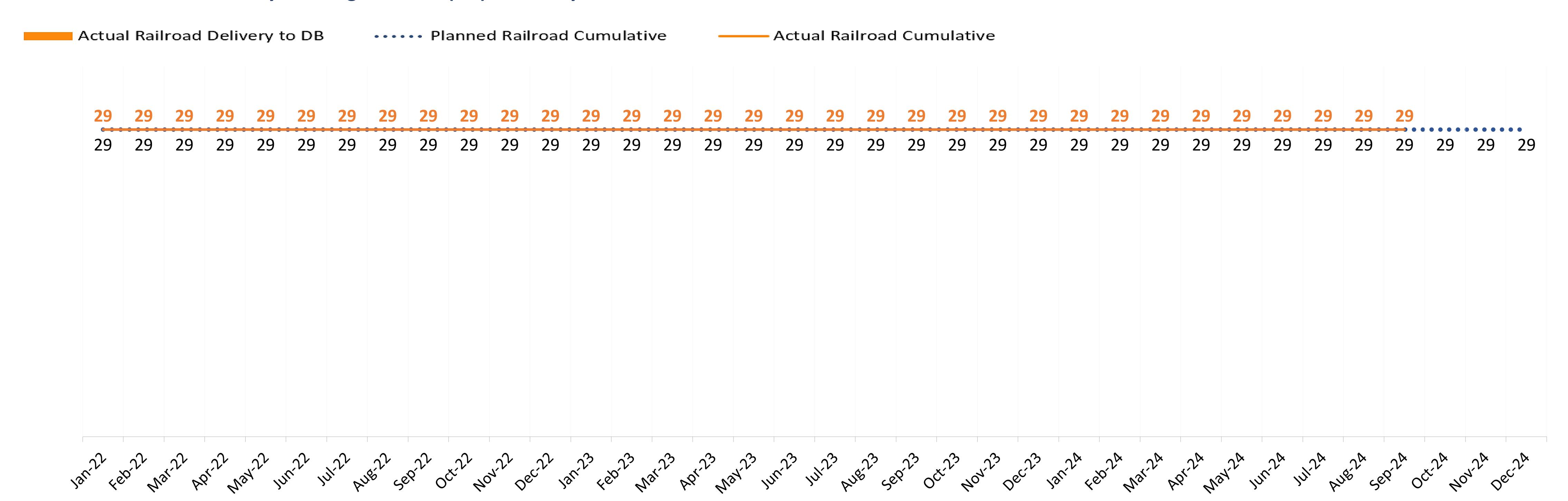


CP 4 – Real Property/Right-of-Way (ROW) Railroad

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

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

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





Project Development Schedule (Environmental Clearance) – Record of Decision (ROD)

Project Development Schedule (to ROD)

			Complete Dum	saa and Naad			Board Cond	currence of							
Program Priority	Segment	Progress	Complete Purp		Complete Altern	natives Analysis	Preliminary Pre	ferred Alt. Draft	Publish Dra	aft EIR/EIS	Publish Final EIS	and Obtain ROD	Date EIR/EIS To	Be Completed	
			Statement				EIR	EIR/EIS							
Number	Section	Due Dates	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	Last Month	Current	
_		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Merced to Fresno	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
D		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Fresno to Bakersfield	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Document		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete	CV Electrical Interconnections	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
_		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Locally Generated	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete	Alternative (F-B)	% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
D		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Central Valley Wye (M-F)	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Deaument		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Bakersfield to Palmdale	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Document		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	Burbank to Los Angeles	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Document		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Document	San Jose to Merced	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Document		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete	San Francisco to San Jose	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Document		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete	Palmdale to Burbank	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	
Complete		% Complete	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
		Plan	Complete	Complete	Complete	Complete	Complete	Complete	Mar-25	Mar-25	Nov-25	Nov-25			
1	Los Angeles to Anaheim	Forecast	Complete	Complete	Complete	Complete	Complete	Complete	Mar-25	Mar-25	Nov-25	Nov-25	Dec-25	Dec-25	
		% Complete	100%	100%	100%	100%	100%	100%							
		Plan	Complete	Complete	Complete	Complete									
2	Heavy Maintenance Facility (HMF)	Forecast	Complete	Complete	Complete	Complete	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
		% Complete	100%	100%	100%	100%									



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 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. Staff finalizing the Administrative Record and working towards the completion of the Final ROD. NEPA limitations of claims was published on September 27, 2024.
Burbank To Los Angeles	Work through NOD/ROD has been completed. Project closeout activities are ongoing.
Los Angeles To Anaheim	During the month of September 2024, the LA-A project section continued the review of, and the resolution of comments on the Asembled Admin Draft EIR/EIS, finalized the review, comments resolution and incorporation of comments on the Preliminary Engineering for Project Definition (PEPD). PEPD documents are scheduled to be distributed to cities and agencies for review in early October 2024. Admin Draft EIR/EIS is anticipated to be released in January 2025.

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. For the design purpose, this project is split into four segments. The 30% design for the North Segment was approved on June 28, 2024. The 30% design for the South segment is expected to be approved on October 21, 2024. The design consultant, Stantec Inc., is consistently exceeding all three Small Business goals for this project.
Fresno to Bakersfield Locally Generated Alternative (LGA)	The Authority and HNTB have divided the LGA alignment into 3 segments, for the purpose of design – Segment 1 (Shafter/BNSF Segment), Segment 2 (East/West Corridor) and Segment 3 (Southern Segment). The 30% design packages for the alignment are currently in review by the authority. Right of Way Acquisition activities have begun along the alignment with emphasis on high priority, full take, and long lead parcels. HNTB has achieved the Small Business utilization goal of 30%. Final configuration footprint is expected by the end of November 2024. Construction could begin by late 2026, and is funded through Segments 1 & 2 by a combination of the CRISI and FSP grants.