



CALIFORNIA
High-Speed Rail Authority

CENTRAL VALLEY STATUS REPORT

Finance & Audit Committee

Executive Summary

- Construction Packages (CP) Design-Build Expenditures

- » August 2024 Expenditures totaled \$97.8M:

- Construction Package 1 Expenditures totaled \$52.0M.
- Construction Package 2-3 Expenditures totaled \$38.9M.
- Construction Package 4 Expenditures totaled \$7.0M.

- Change Orders

- » Executed Change Orders this period – 19 for a total of \$23.7M.

- Risk Contingency

- » Program Contingency Remaining is 10.4%.

- CP Construction Labor

- » August 2024, Average Daily Site Workers (by week) – 1,535 workers. A decrease of 12 workers from the previous period (1,547).

Executive Summary cont.

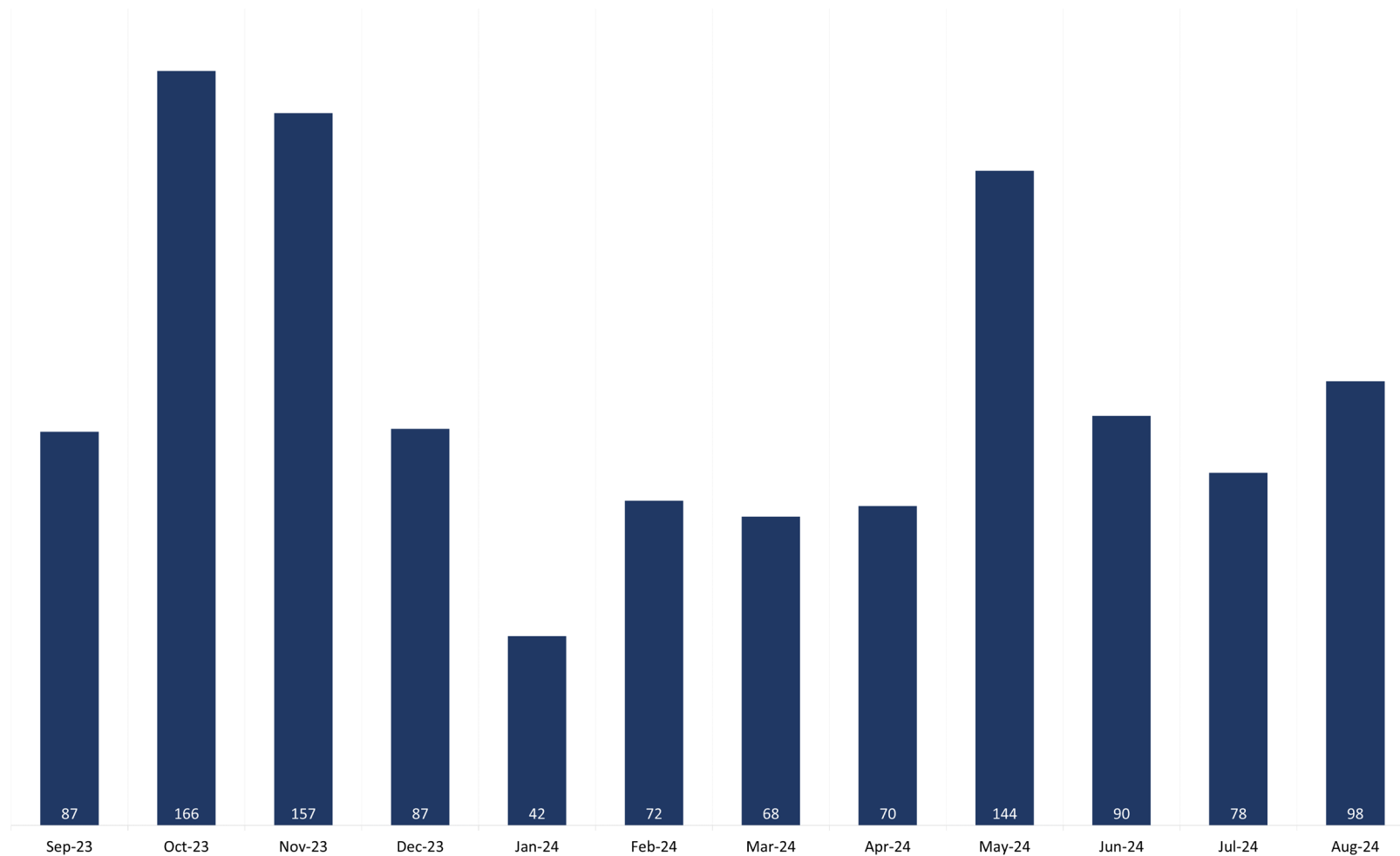
- CP Construction Progress
 - » Structures – 83 underway/construction complete compared to 93 structures total (89%). One structure started and one structure completed in August 2024.
 - » Guideway – 94 miles underway/construction complete compared to 119 miles total (79%). Two miles started and one mile completed in August 2024.
- Utility Relocations Status
 - » Relocated: 1,412 (77%); In Progress: 212 (12%); Approved to Start: 0 (0%); Not Started: 212 (11%); Total: 1,836. A total of 17 relocated in August 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.
- CP Real Property/Right-of-Way (ROW)
 - » Total Parcels Delivered to Date – 2,270 parcels compared to an estimated 2,289 parcels needed.
 - » Parcels Delivered to Design-Builder (DB) – Five parcels from CP 2-3 in August 2024.
 - » 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.

Executive Summary cont.

- Project Development (Environmental Clearance) Schedule – Notice of Determination (NOD)/Record of Decision (ROD)
 - » Palmdale to Burbank – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
 - » Los Angeles to Anaheim – Admin Draft Environmental Impact Report/Environmental Impact Statement (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
 - » 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 in October 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.

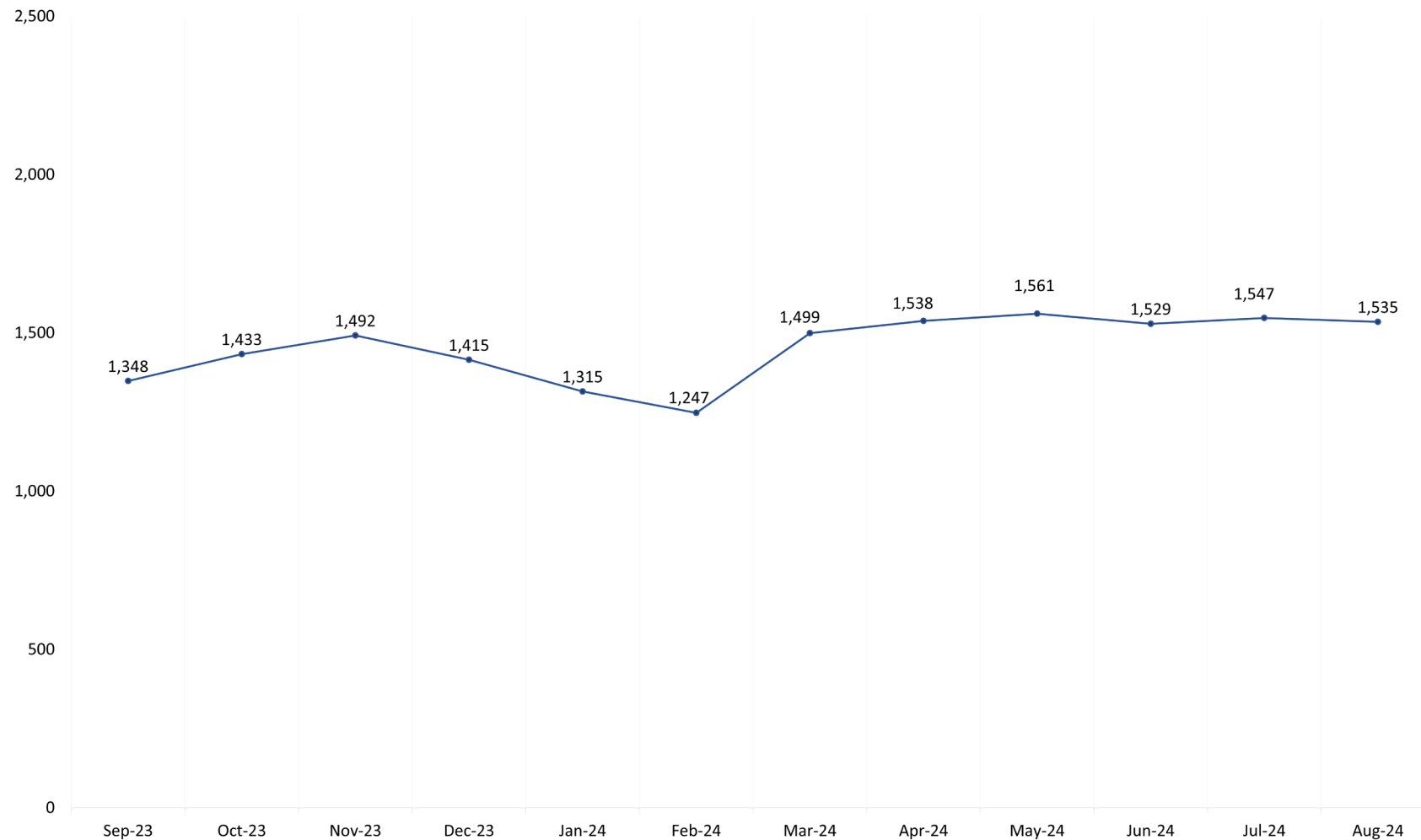
CP 1-4 – Design-Build Expenditures

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



CP 1-4 – Construction Labor

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

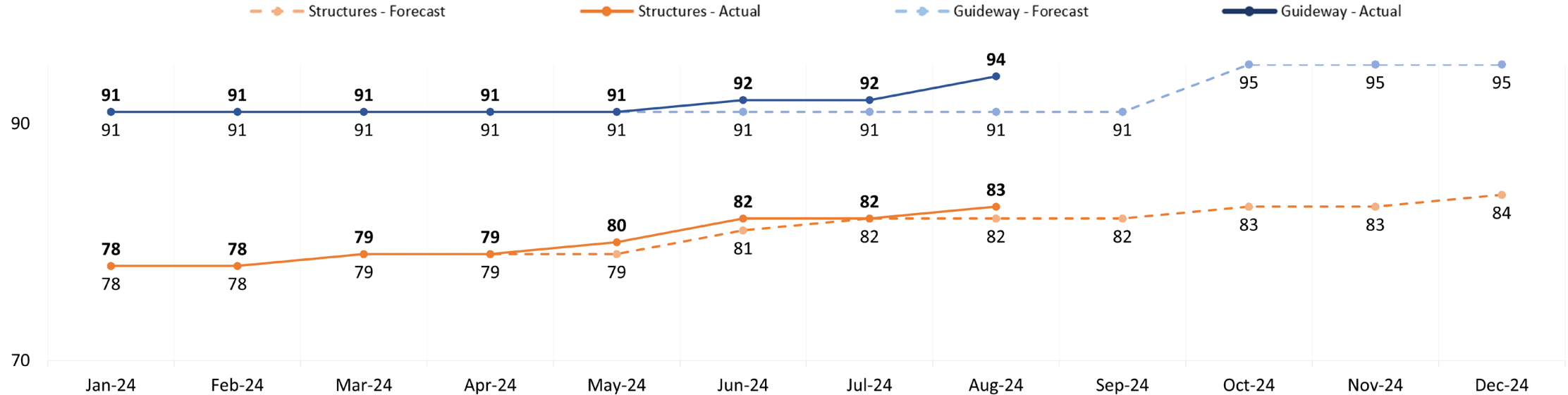


CP 1-4 – Construction Progress

CP 1-4 Monthly Construction Status – Underway vs. Completed

Construction	CP 1		CP 2-3		CP 4		Overall		Total
	Underway	Completed	Underway	Completed	Underway	Completed	Underway	Completed	
Guideway	18	2	16	36	1	21	35	59	94
Structures	11	18	23	20	0	11	34	49	83

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

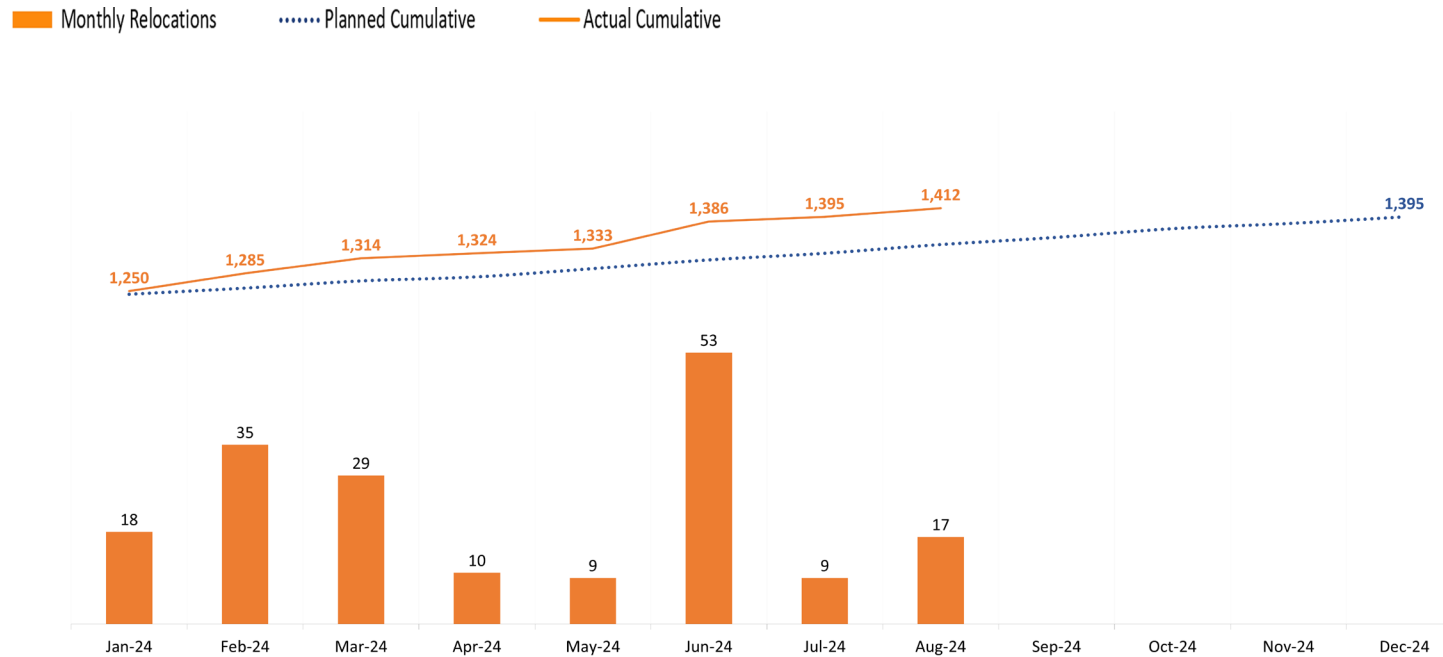


CP 1-4 – Utility Relocations

CP 1-4 – Utility Relocation Summary

Construction Package	Total Relocations Aug 31, 2024	Total Utilities Relocated to Date Aug 31, 2024	Remaining Utility Relocations Aug 31, 2024
CP 1	992	715	277
CP 2-3	701	564	137
CP 4	143	133	10
Total	1,836	1,412	424

CP 1-4 – Utility Relocation Status Summary-Monthly



CP 1-4 – Utility Relocation Summary

CP 1-4 – Summary by Utility Type

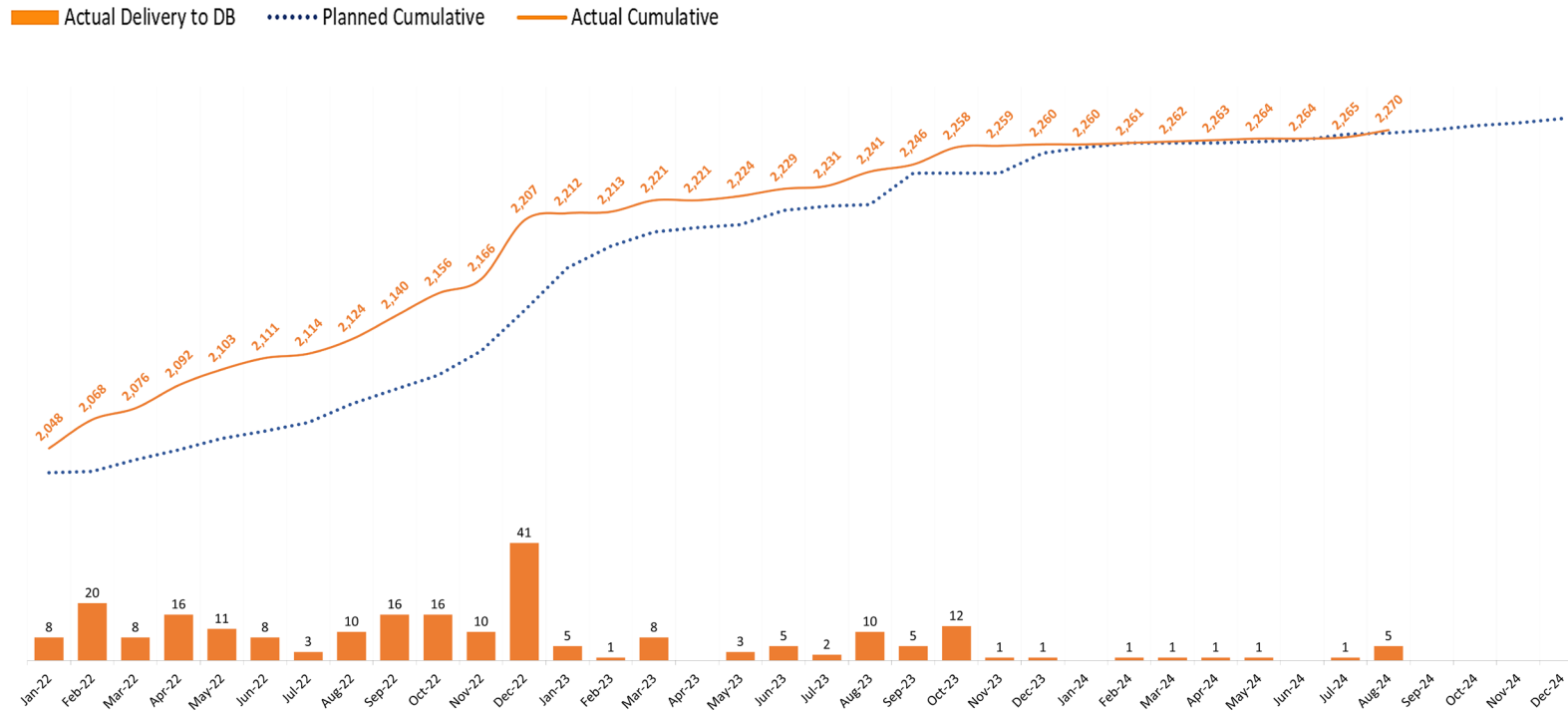
Utility	Status	CP 1	CP 2-3	CP 4	CP 1 - 4 Total	Percentage
Electric	NOT STARTED	54	70	0	124	19%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	25	20	0	45	7%
	RELOCATED	136	294	62	492	74%
	TOTAL	215	384	62	661	100%
Gas	NOT STARTED	15	8	0	23	18%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	11	1	0	12	10%
	RELOCATED	64	18	7	89	72%
	TOTAL	90	27	7	124	100%
PGE Telecom	NOT STARTED	1	0	0	1	100%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	0	0	0	0	0%
	RELOCATED	0	0	0	0	0%
	TOTAL	1	0	0	1	100%
Telecom	NOT STARTED	25	2	0	27	4%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	53	17	0	70	10%
	RELOCATED	337	214	32	583	86%
	TOTAL	415	233	32	680	100%
Wet	NOT STARTED	25	12	0	37	10%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	68	7	10	85	23%
	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 Aug 31, 2024	Total Parcels Delivered to Date Aug 31, 2024	Remaining Parcels to be Delivered Aug 31, 2024	Percentage Delivered
CP 1	1,078	1,066	12	99%
CP 2-3	988	981	7	99%
CP 4	223	223	0	100%
Total	2,289	2,270	19	99%

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

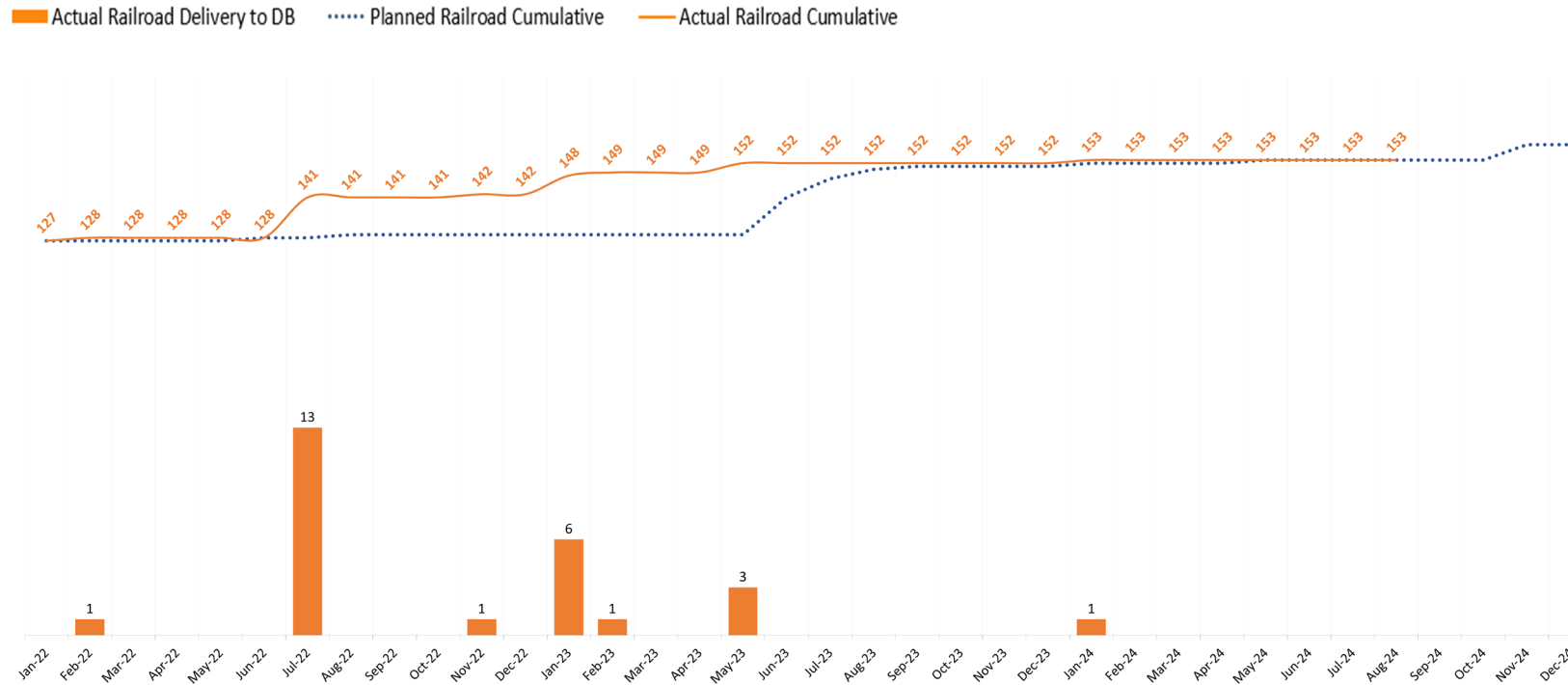


CP 1-4 – Real Property/Right-of-Way (ROW) Railroad

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

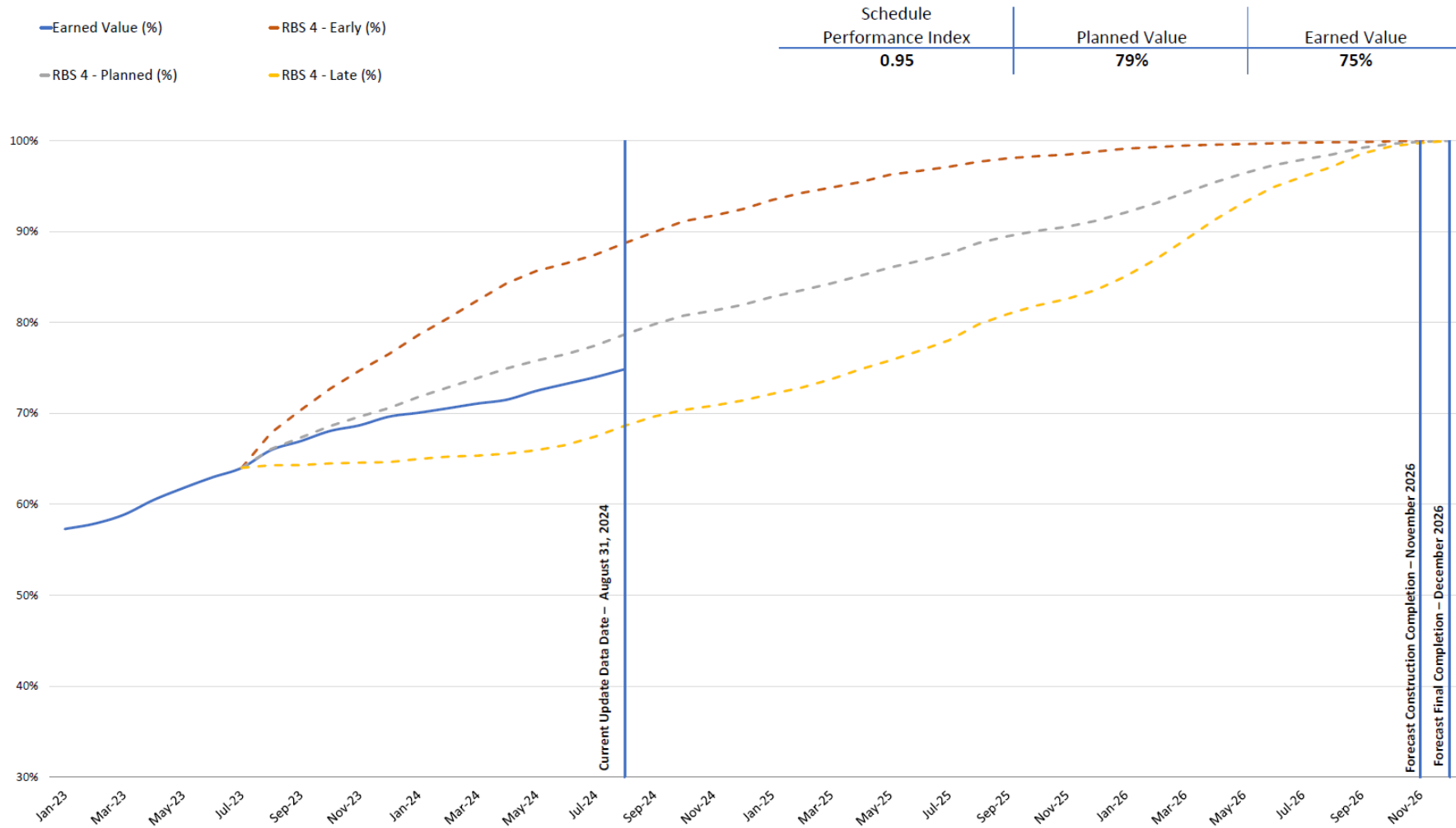
Construction Package	Total Needed Railroad Parcels Aug 31, 2024	Total Railroad Parcels Delivered to Date Aug 31, 2024	Remaining Railroad Parcels to be Delivered Aug 31, 2024
CP 1	89	69	20
CP 2-3	58	55	3
CP 4	29	29	0
Total	176	153	23

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



CP 1 – Earned Value

CP 1 – Earned Value Summary (%)



Preliminary Numbers for November 21 F&A Report

Look Ahead at Next Month's F&A Report with Preliminary Data (through September 30, 2024)

Table 1 - Labor Count Number Update

Construction Packages	Current Month—August 2024 Data	Preliminary—September 2024 Data
Construction Package 1	437	440
Construction Package 2-3	1,050	1,214
Construction Package 4	48	34
Totals	1,535	1,688
An increase of 153 workers. CP 1, CP 2-3 had an increase in workers.		

Table 2 – ROW Delivered Parcel Count Update

Construction Packages	Current Month—August 2024 Data	Preliminary—September 2024 Data
Construction Package 1	1,066	1,066
Construction Package 2-3	981	981
Construction Package 4	223	223
Totals	2,270	2,270
Delivered 0 parcels in September 2024.		

Table 3 - Executed Change Order Update

Construction Packages	Current Month—August 2024 Data	Preliminary—September 2024 Data
Construction Package 1	\$15.9M (12)	\$1.5M (10)
Construction Package 2-3	\$2.3M (3)	\$22.1M (7)
Construction Package 4	\$5.6M (4)	\$1.1M (4)
Totals	\$23.7M (19)	\$24.8M (21)
21 executed Change Orders in August 2024.		

Table 4 – Utility Relocation Status

Construction Packages	Current Month—August 2024 Data	Preliminary—September 2024 Data
Construction Package 1	715	753
Construction Package 2-3	564	565
Construction Package 4	133	133
Totals	1,412	1,451
There were 39 Utility Relocations in September 2024.		