



**CALIFORNIA**  
High-Speed Rail Authority

# **CENTRAL VALLEY STATUS REPORT**

**Finance & Audit Committee**

# Executive Summary

- Construction Packages (CP) Design-Build Expenditures

- » March 2024 Expenditures totaled \$68.0M:

- Construction Package 1 Expenditures totaled \$18.9M.
- Construction Package 2-3 Expenditures totaled \$39.1M.
- Construction Package 4 Expenditures totaled \$10.0M.

- Change Orders

- » Executed Change Orders this period – 12 for a total of \$15.3M.

- Risk Contingency

- » Approved Contingency – \$6,103.9M budgeted contract contingency. Contingency balance is \$940.5M as of data date.

- CP Construction Labor

- » March 2024, Average Daily Site Workers (by Week) – 1,499 workers. An increase of 232 workers from the previous period (1,247).

# Executive Summary cont.

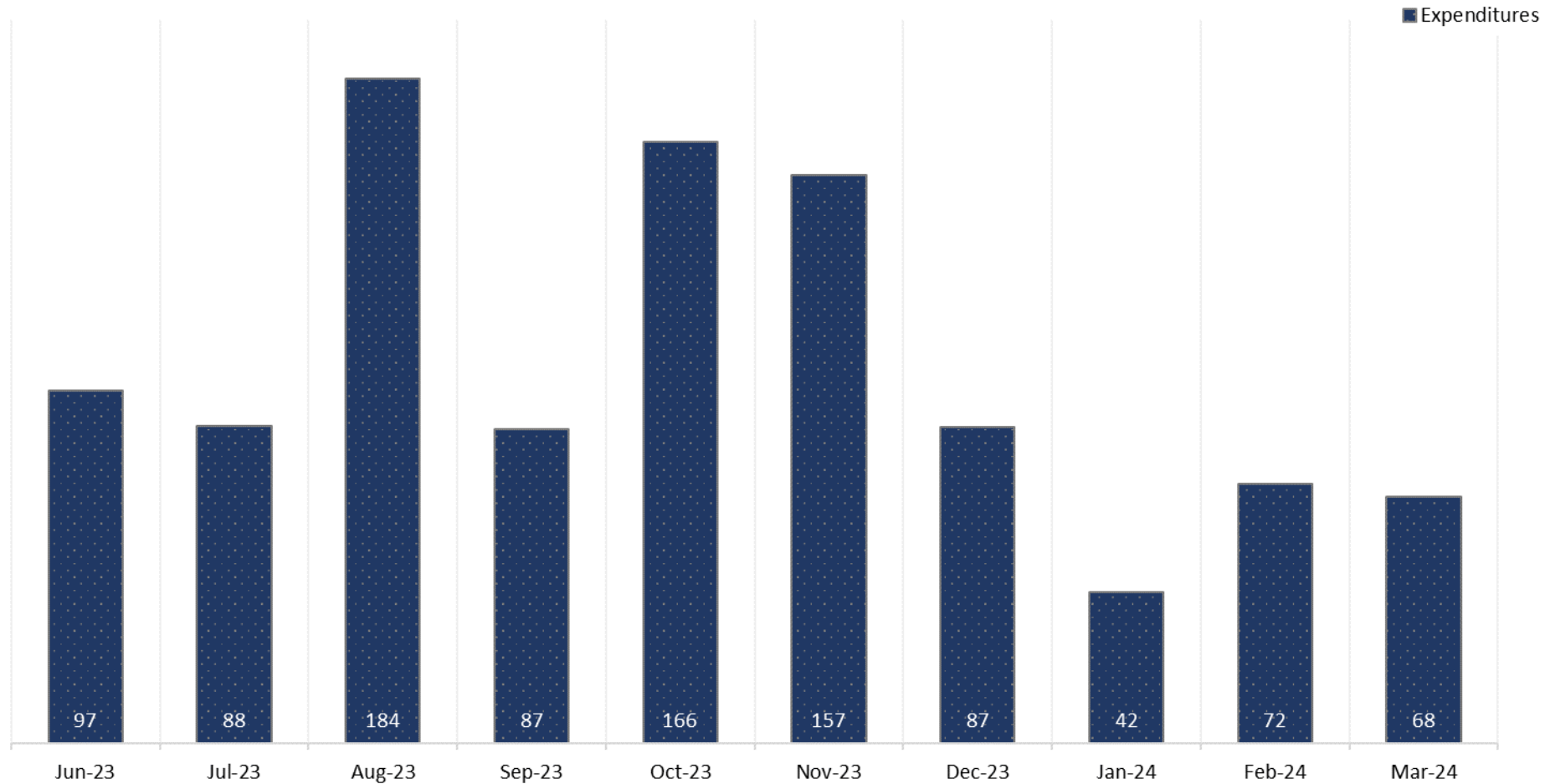
- CP Construction Progress
  - » Structures –79 underway/construction complete (34 underway, 45 completed) compared to 93 structures total (85%). An increase of one from the previous period.
  - » Guideway – 91 miles underway/construction complete (34 underway, 57 completed) compared to 119 miles total (76%). One mile of guideway completed in March 2024.
- Utility Relocations Status
  - » Relocated: 1,314 (72%); In Progress: 245 (13%); Approved to Start: 0 (0%); Not Started: 277 (15%); Total: 1,836. A total of 29 relocated in March 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 – 2,262 parcels compared to an estimated 2,288 parcels needed.
  - » Parcels Delivered to Design-Builder (DB) – One parcel from CP 1 in March 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 March 2024.

# Executive Summary cont.

- Project Development (Environmental Clearance) Schedule – Notice of Determination (NOD)/Record of Decision (ROD)
  - » Palmdale to Burbank – The Regional Consultant submitted responses to Cooperating Agencies comments on the Administrative Final EIR/EIS for Authority review. The Authority and the Regional Consultant teams worked on resolving outstanding technical issues and finalizing the 4 Volumes of the Final EIR/EIS. Major activities on this project section included finalizing response to comments, preparing the Final EIR/EIS, and preparing permitting documents.
  - » Los Angeles to Anaheim – The Shared Passenger Track Alternative and supporting documentation, which is the Staff Recommended Preferred Alternative will be presented to the HSR Board and anticipated to be adopted as the LA-A Preferred Alternative, during the May 16, 2024, Board Meeting. Administrative Draft EIR/EIS scheduled for the Summer of 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 on the 30% design goals of this Project. 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 January 18, 2024, the Board approved NTP-2 to advance to 100% design and construction ready documents in Stage 4.
  - » Fresno to Bakersfield Locally Generated Alternative (LGA) – HNTB Corporation (HNTB), under agreement HSR22-01, continues to make progress on the early actions of this Project. HNTB submitted to the Authority the Draft Configuration Footprint on December 29, 2023, and it was accepted by the Authority on January 16, 2024. On February 29, 2024, the Board approved NTP-2 to advance to 100% design and construction ready documents in Stage 4.

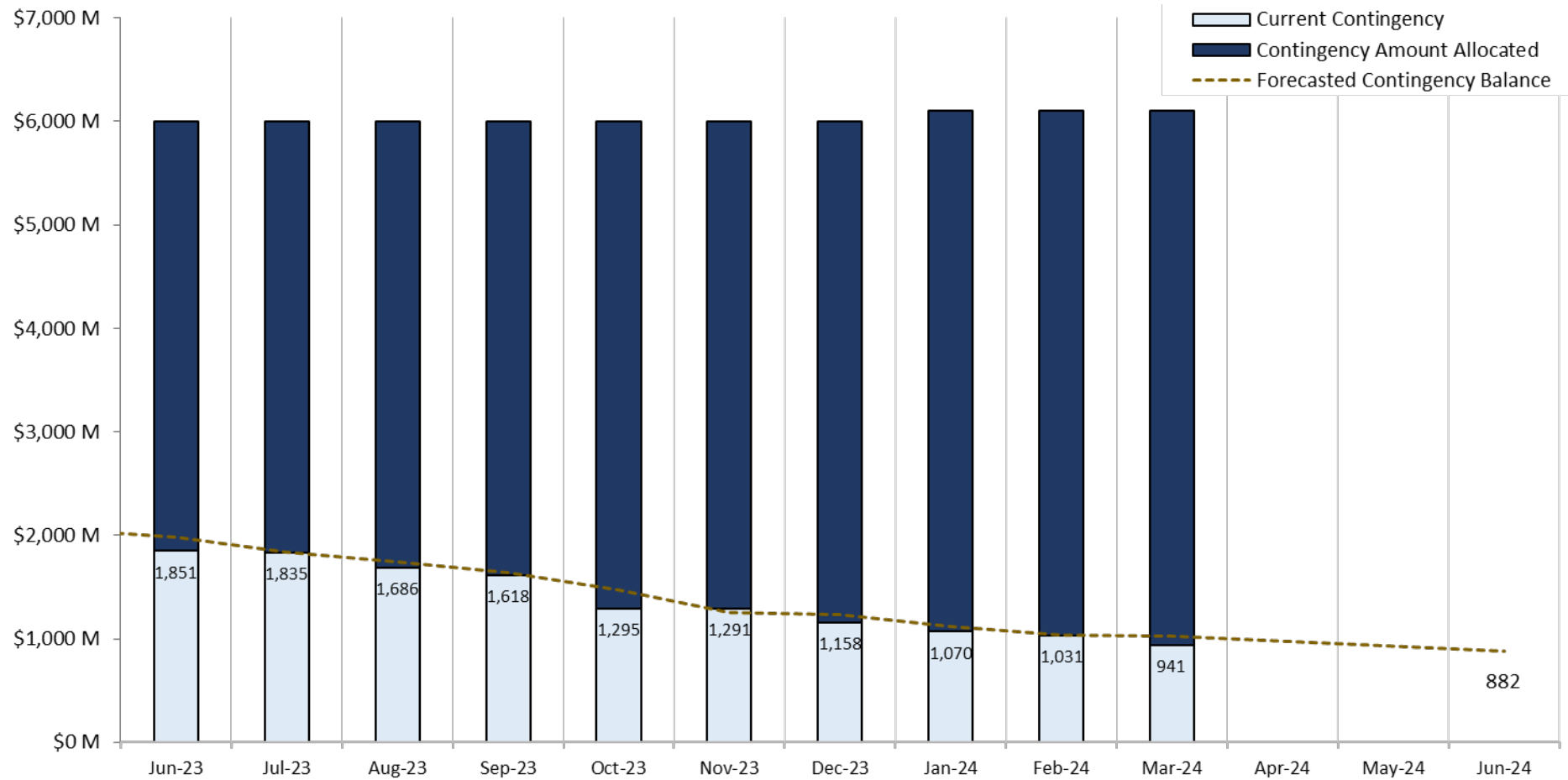
# CP 1-4 – Design-Build Expenditures

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



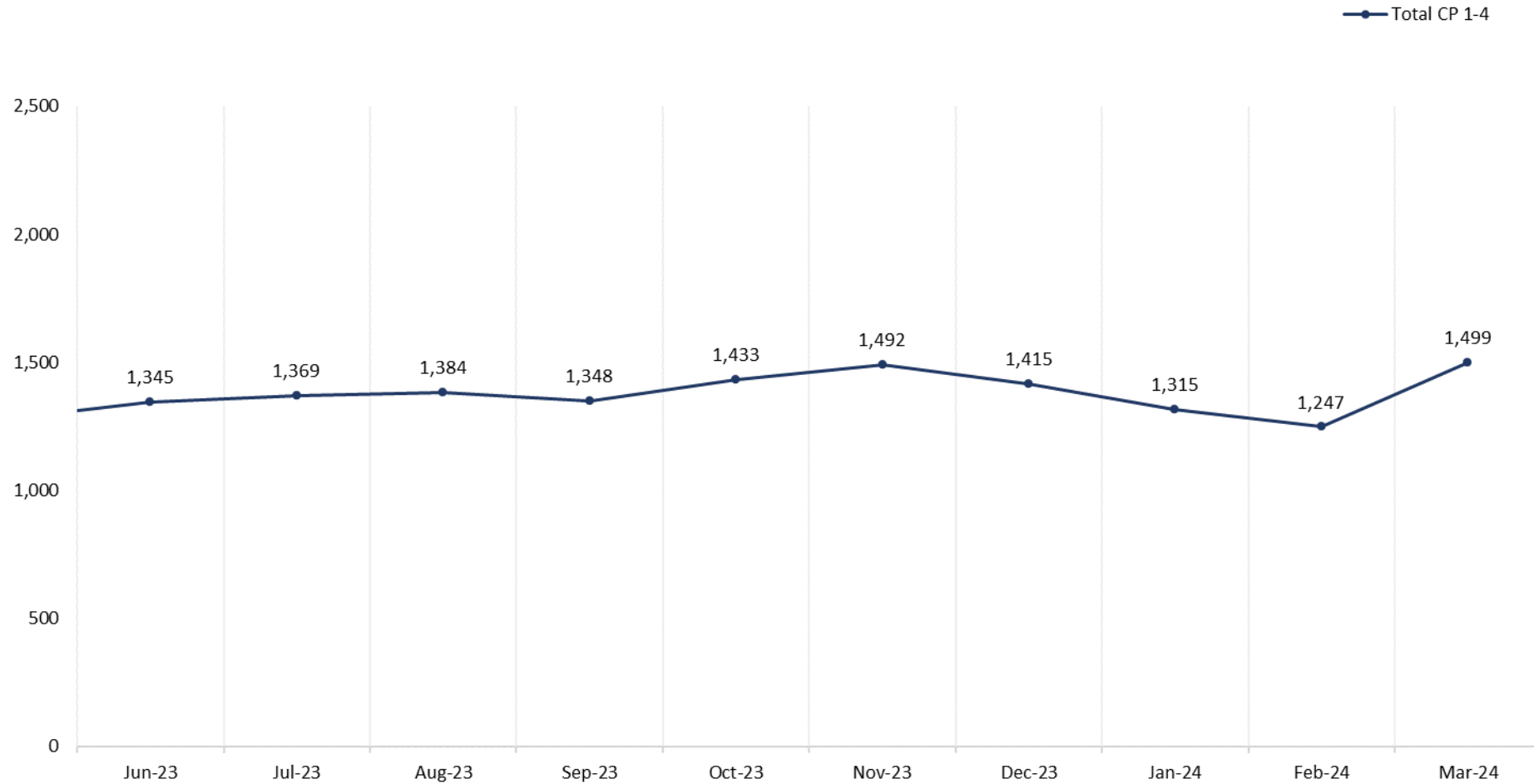
# CP 1-4 – Risk Contingency

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



# CP 1-4 – Construction Labor

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

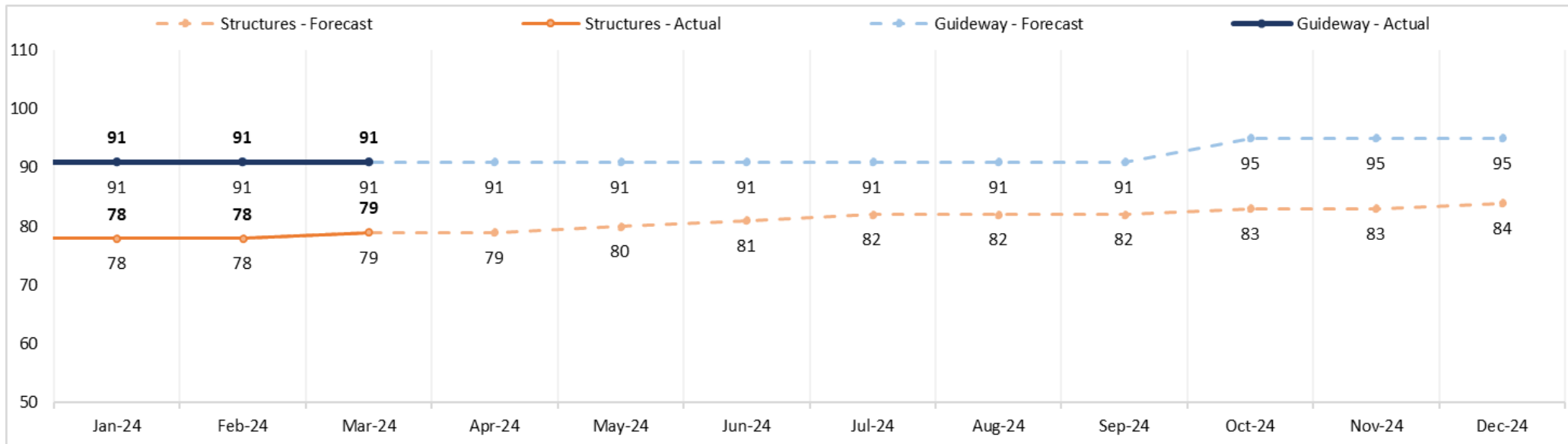


# CP 1-4 – Construction Progress

## CP 1-4 Monthly Construction Status – 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	
<b>Guideway</b>	18	2	15	34	1	21	34	57	<b>91</b>
<b>Structures</b>	10	18	24	16	0	11	34	45	<b>79</b>

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



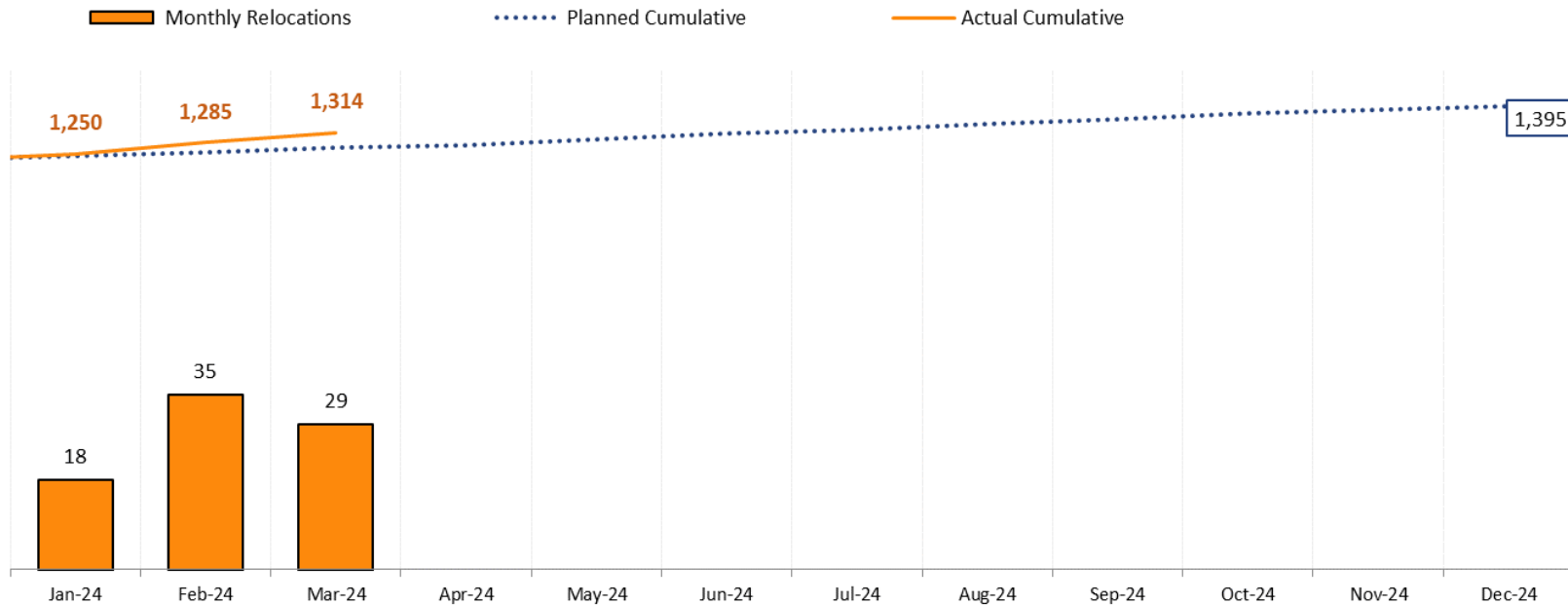


# CP 1-4 – Utility Relocations

## CP 1-4 – Utility Relocation Summary

Construction Package	Total Relocations March 31, 2024	Total Utilities Relocated to Date March 31, 2024	Remaining Utility Relocations March 31, 2024
CP 1	992	666	326
CP 2-3	701	517	184
CP 4	143	131	12
<b>Total</b>	<b>1,836</b>	<b>1,314</b>	<b>522</b>

## CP 1-4 – Utility Relocation Status Summary-Monthly



# CP 1-4 – Utility Relocation Summary

## CP 1-4 – Summary by Utility Type

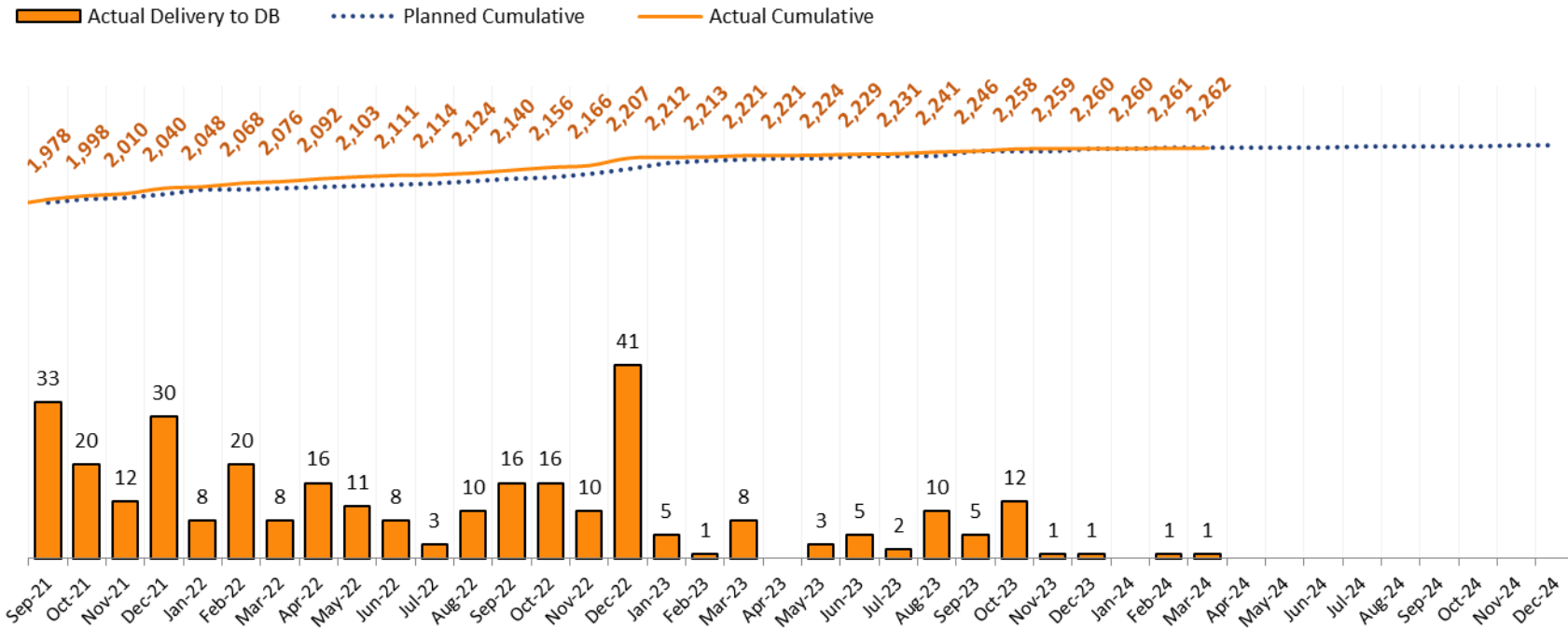
Utility	Status	CP-1	CP-2-3	CP-4	CP 1-4 Total	Percentage
Electric	NOT STARTED	69	96	0	165	25%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	12	30	0	42	6%
	RELOCATED	134	258	62	454	69%
	<b>TOTAL</b>	<b>215</b>	<b>384</b>	<b>62</b>	<b>661</b>	<b>100%</b>
Gas	NOT STARTED	17	10	0	27	21%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	26	0	0	26	21%
	RELOCATED	48	17	7	72	58%
	<b>TOTAL</b>	<b>91</b>	<b>27</b>	<b>7</b>	<b>125</b>	<b>100%</b>
Telecom	NOT STARTED	32	2	0	34	5%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	49	23	0	72	11%
	RELOCATED	334	208	32	574	84%
	<b>TOTAL</b>	<b>415</b>	<b>233</b>	<b>32</b>	<b>680</b>	<b>100%</b>
Wet	NOT STARTED	38	13	0	51	14%
	APPROVED TO START	0	0	0	0	0%
	IN PROGRESS	83	10	12	105	28%
	RELOCATED	150	34	30	214	58%
	<b>TOTAL</b>	<b>271</b>	<b>57</b>	<b>42</b>	<b>370</b>	<b>100%</b>

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

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

Construction Package	Total Needed Parcels March 31, 2024	Total Parcels Delivered to Date March 31, 2024	Remaining Parcels to be Delivered March 31, 2024	Percentage Delivered
CP 1	1,078	1,065	13	99%
CP 2-3	987	974	13	99%
CP 4	223	223	0	100%
<b>Total</b>	<b>2,288</b>	<b>2,262</b>	<b>26</b>	<b>99%</b>

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

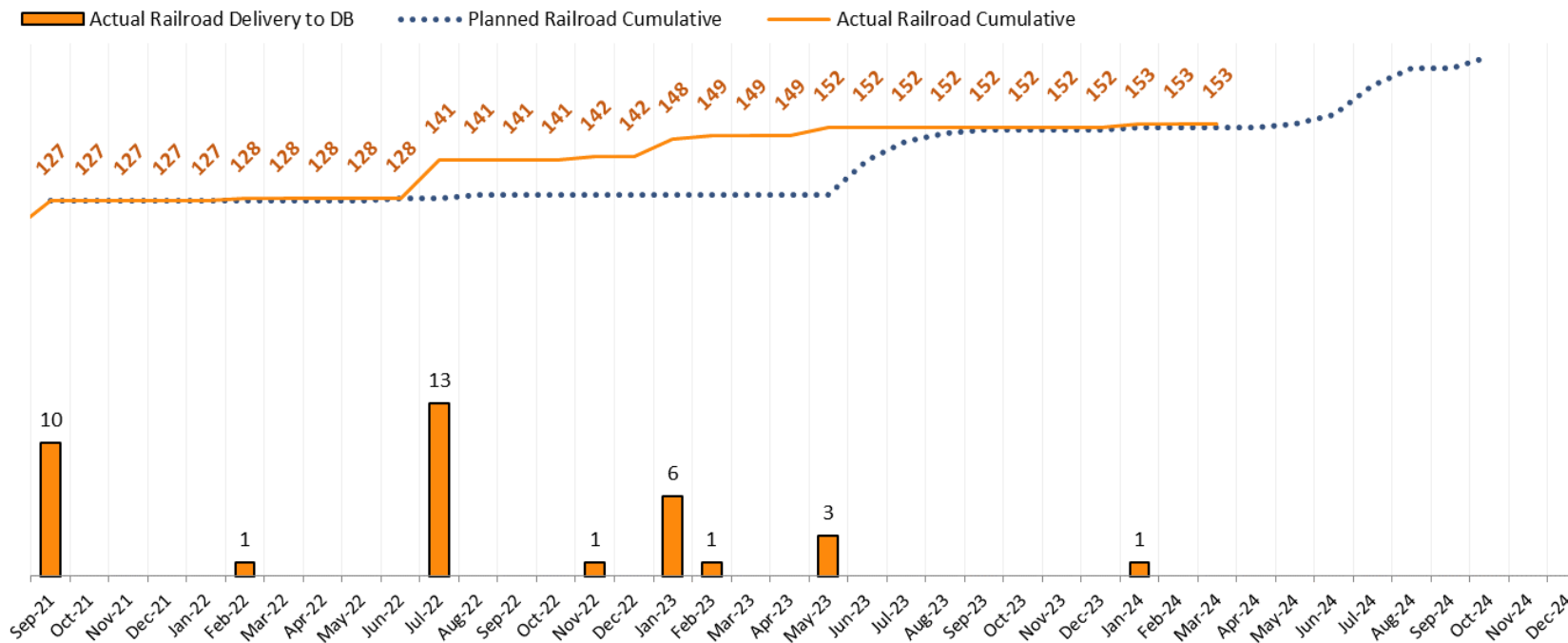


# CP 1-4 – Real Property/Right-of-Way (ROW) Railroad

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

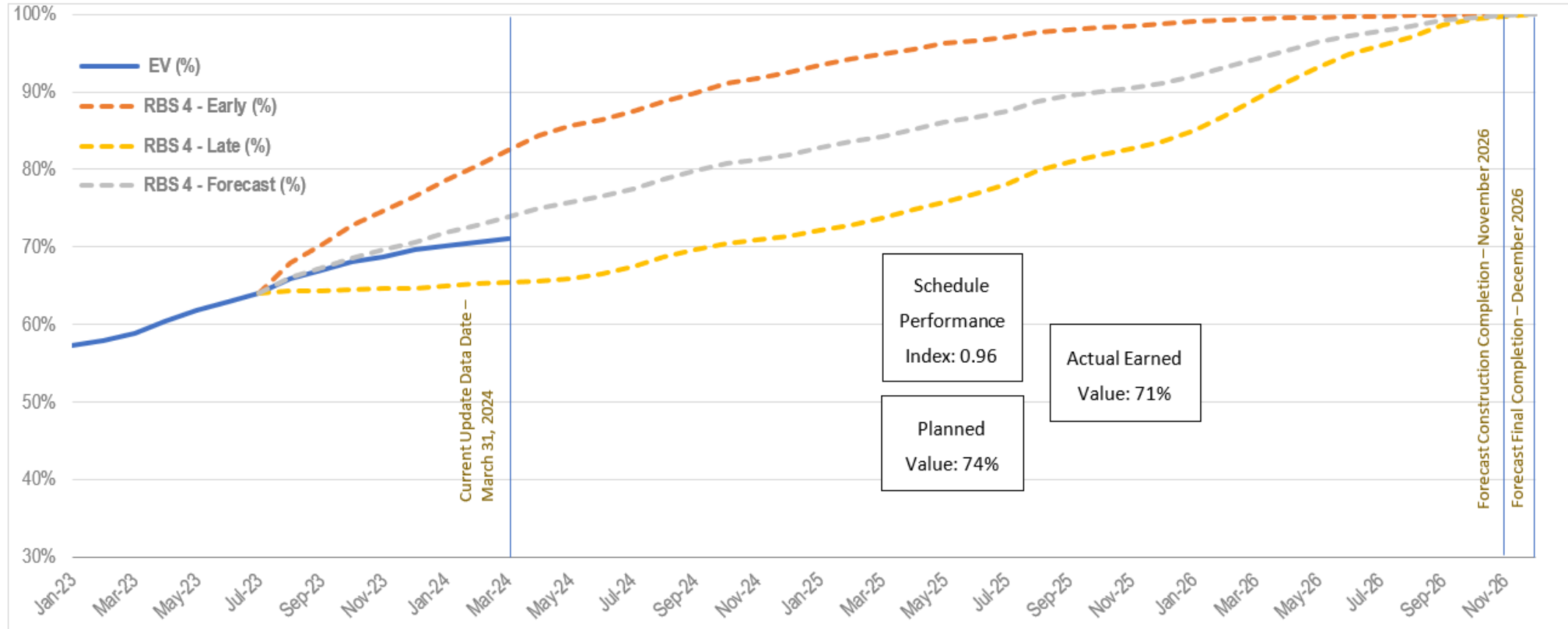
Construction Package	Total Needed Railroad Parcels March 31, 2024	Total Railroad Parcels Delivered to Date March 31, 2024	Remaining Railroad Parcels to be Delivered March 31, 2024
CP 1	89	69	20
CP 2-3	58	55	3
CP 4	29	29	0
<b>Total</b>	<b>176</b>	<b>153</b>	<b>23</b>

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



# CP 1 – Earned Value

## CP 1 – Earned Value Summary (%)



# Preliminary Numbers for June F&A Report

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

*Table 1 - Labor Count Number Update*

Construction Packages	Current Month—March 2024 Data	Preliminary—April 2024 Data
Construction Package 1	352	336
Construction Package 2-3	1,028	1,068
Construction Package 4	119	96
<b>Totals</b>	<b>1,499</b>	<b>1,469</b>
A decrease of 30 workers. CP 2-3 saw an increase in workers.		

*Table 2 – ROW Delivered Parcel Count Update*

Construction Packages	Current Month—March 2024 Data	Preliminary—April 2024 Data
Construction Package 1	1,065	1,065
Construction Package 2-3	974	974
Construction Package 4	223	223
<b>Totals</b>	<b>2,262</b>	<b>2,262</b>
Delivered 0 parcels in April 2024.		

*Table 3 - Executed Change Order Update*

Construction Packages	Current Month—March 2024 Data	Preliminary—April 2024 Data
Construction Package 1	\$2.3M (6)	\$13.0M (13)
Construction Package 2-3	\$7.7M (3)	\$1.3M (3)
Construction Package 4	\$5.4M (3)	\$1.3M (5)
<b>Totals</b>	<b>\$15.3M (12)</b>	<b>\$15.6M (21)</b>
21 executed Change Orders in April 2024.		

*Table 4 – Utility Relocation Status*

Construction Packages	Current Month—March 2024 Data	Preliminary—April 2024 Data
Construction Package 1	666	668
Construction Package 2-3	517	524
Construction Package 4	131	132
<b>Totals</b>	<b>1,314</b>	<b>1,324</b>
There were 10 Utility Relocations in April 2024.		