



**CALIFORNIA**  
High-Speed Rail Authority

# **CENTRAL VALLEY STATUS REPORT**

**Finance & Audit Committee**

# Executive Summary

- Construction Packages (CP) Design-Build Expenditures

- » December 2024 Expenditures totaled \$41.6M:

- Construction Package 1 Expenditures totaled \$26.6M.
- Construction Package 2-3 Expenditures totaled \$15.0M.
- Construction Package 4 Expenditures totaled \$0.0M.

- Change Orders

- » Executed Change Orders this period – 5 for a total of \$6.6M.

- Risk Contingency

- » The budgeted Contingency Remaining for Construction Packages 1, 2-3, and 4 is 9.9%.

- CP Construction Labor

- » December 2024, Average Daily Site Workers (by week) – 1,295 workers. A decrease of 132 workers from the previous period (1,427).

# Executive Summary cont.

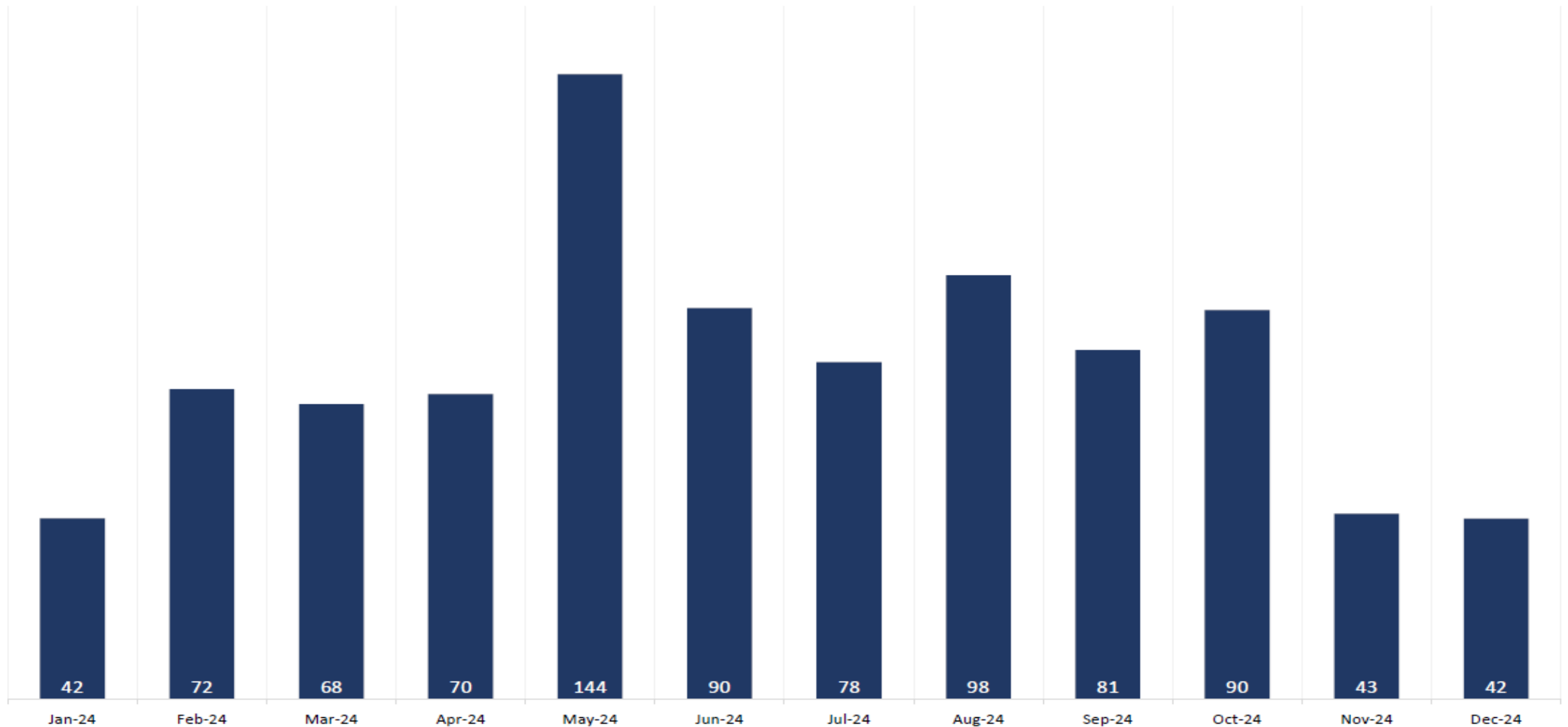
- CP Construction Progress
  - » Structures – 85 underway/construction complete compared to 93 structures total (91%). One structure completed in December 2024.
  - » Guideway – 96 miles underway/construction complete compared to 119 miles total (81%). One mile started in December 2024.
- Utility Relocations Status
  - » Relocated: 1,523 (83%); In Progress: 124 (7%); Approved to Start: 0 (0%); Not Started: 189 (10%); Total: 1,836. A total of 21 utilities relocated in December 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 – 2,273 parcels compared to an estimated 2,290 parcels needed.
  - » Parcels Delivered to Design-Builder (DB) – One parcel from CP 1 in December 2024.
  - » Total Railroad Parcels Delivered to Date – 154 parcels delivered compared to an estimated 176 total railroad parcels needed.
  - » Railroad Parcels Delivered to Design-Builder – Zero parcels in December 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 on February 7, 2025. NOD/ROD anticipated in late December 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 Merced segment was delivered on December 6, 2024; and is expected to be approved on January 22, 2025. The 30% revised design for the South Segment is expected to be delivered on January 17, 2025.
  - » Fresno to Bakersfield Locally Generated Alternative (LGA) – The Authority and HNTB Corporation (HNTB) continue to make progress. Configuration footprint has been submitted by HNTB and is under review by the Authority. 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.

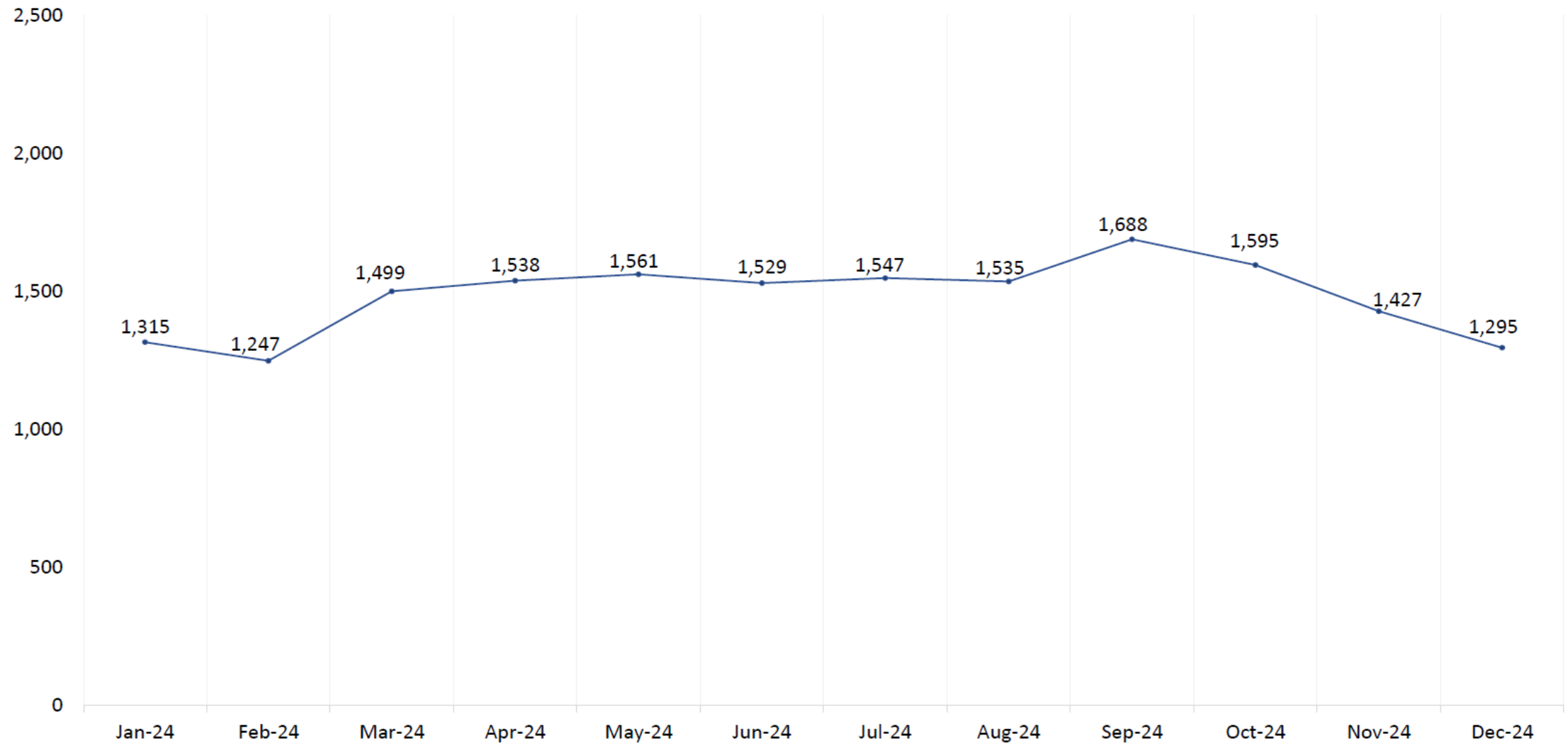
# CP 1-4 – Design-Build Expenditures

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



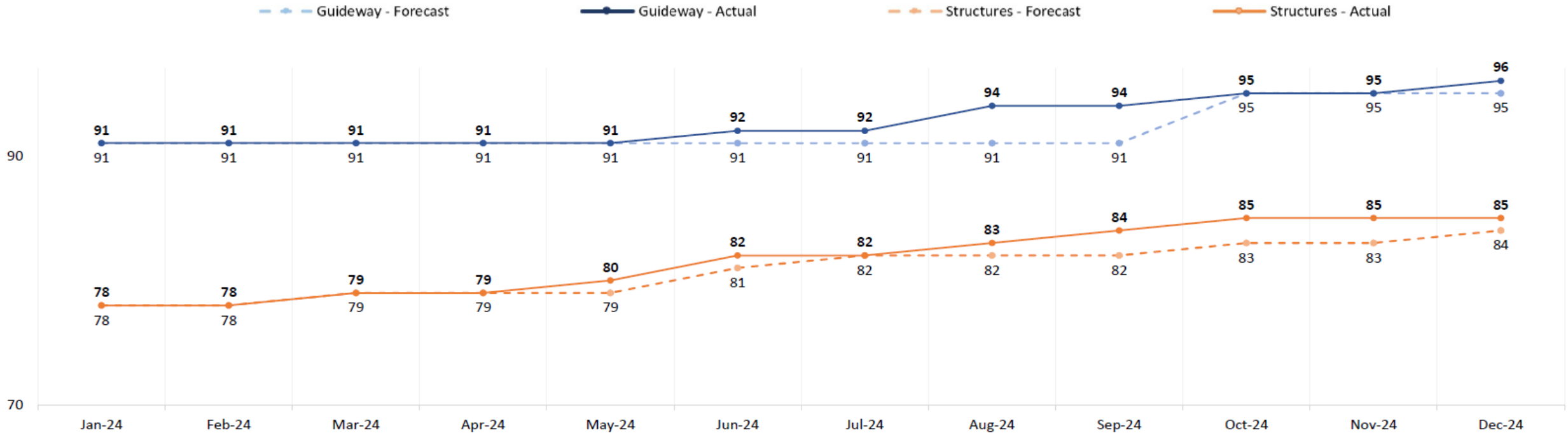
# CP 1-4 – Construction Labor

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



# CP 1-4 – Construction Progress

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



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

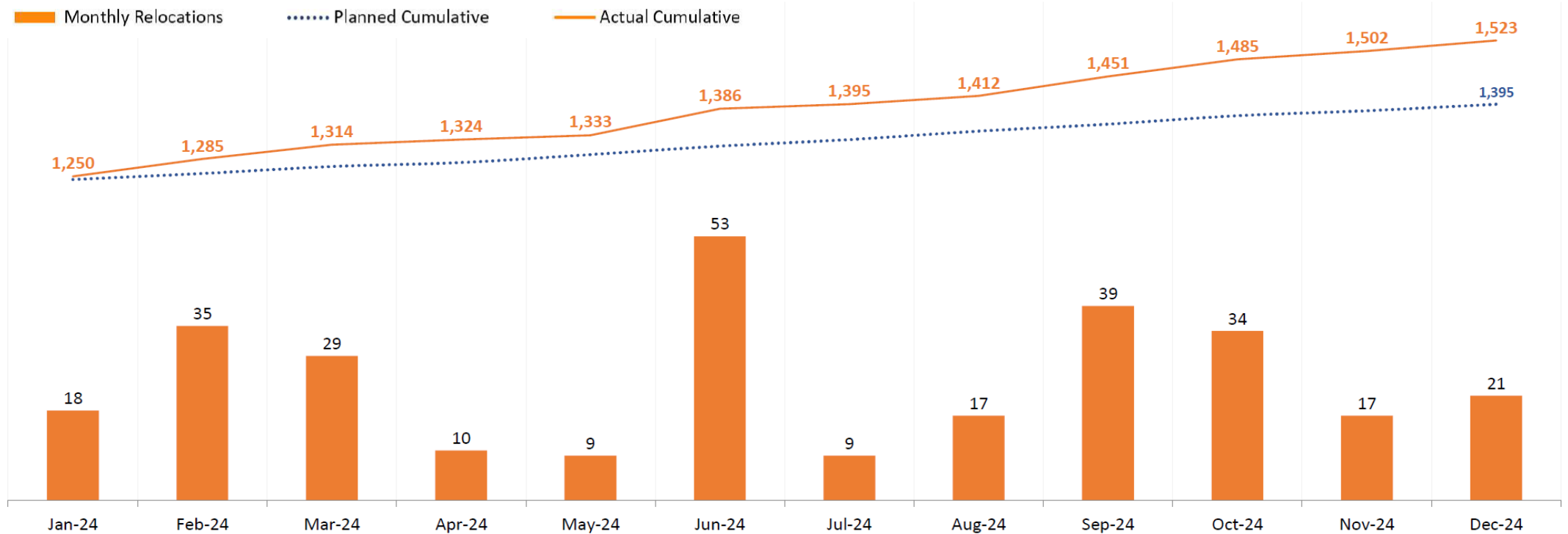
| Construction      | CP 1     |           | CP 2-3   |           | CP 4     |           | Overall  |           | Underway/Completed Total | Contract Completion Total |
|-------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|--------------------------|---------------------------|
|                   | Underway | Completed | Underway | Completed | Underway | Completed | Underway | Completed |                          |                           |
| <b>Guideway</b>   | 19       | 2         | 16       | 37        | 1        | 21        | 36       | 60        | <b>96</b>                | <b>119</b>                |
| <b>Structures</b> | 11       | 18        | 22       | 23        | 0        | 11        | 33       | 52        | <b>85</b>                | <b>93</b>                 |

# CP 1-4 – Utility Relocations

## CP 1-4 – Utility Relocation Summary

| Construction Package | Total Relocations<br>Dec 31, 2024 | Total Utilities Relocated to Date<br>Dec 31, 2024 | Remaining Utility Relocations<br>Dec 31, 2024 |
|----------------------|-----------------------------------|---|---|
| CP 1                 | 992                               | 799   | 193   |
| CP 2-3               | 701                               | 591   | 110   |
| CP 4                 | 143                               | 133   | 10  |
| <b>Total</b>         | <b>1,836</b>                      | <b>1,523</b>                                      | <b>313</b>                                    |

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





# CP 1-4 – Utility Relocation Summary

## CP 1-4 – Summary by Utility Type

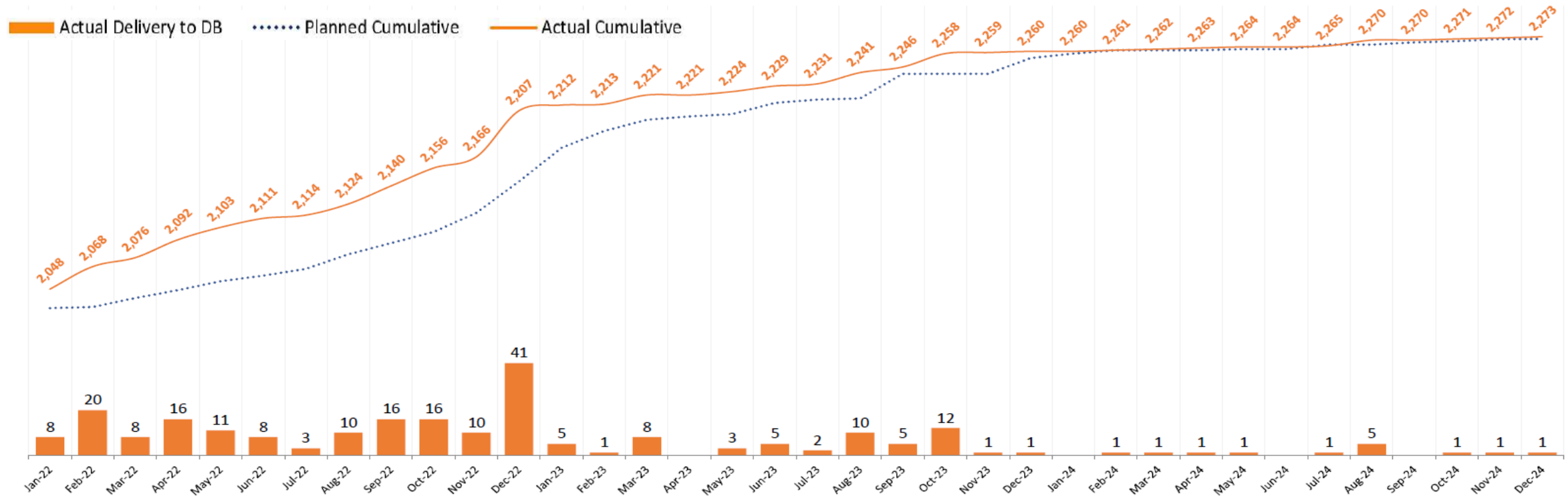
| Utility     | Status            | CP 1       | CP 2-3     | CP 4      | CP 1 - 4 Total | Percentage  |
|-------------|-------------------|------------|------------|-----------|----------------|-------------|
| Electric    | NOT STARTED       | 45         | 54         | 0         | 99             | 15%         |
|             | APPROVED TO START | 0          | 0          | 0         | 0              | 0%          |
|             | IN PROGRESS       | 13         | 18         | 0         | 31             | 5%          |
|             | RELOCATED         | 157        | 312        | 62        | 531            | 80%         |
|             | <b>TOTAL</b>      | <b>215</b> | <b>384</b> | <b>62</b> | <b>661</b>     | <b>100%</b> |
| Gas         | NOT STARTED       | 15         | 5          | 0         | 20             | 16%         |
|             | APPROVED TO START | 0          | 0          | 0         | 0              | 0%          |
|             | IN PROGRESS       | 11         | 3          | 0         | 14             | 11%         |
|             | RELOCATED         | 64         | 19         | 7         | 90             | 73%         |
|             | <b>TOTAL</b>      | <b>90</b>  | <b>27</b>  | <b>7</b>  | <b>124</b>     | <b>100%</b> |
| 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%          |
|             | <b>TOTAL</b>      | <b>1</b>   | <b>0</b>   | <b>0</b>  | <b>1</b>       | <b>100%</b> |
| Telecom     | NOT STARTED       | 24         | 3          | 0         | 27             | 4%          |
|             | APPROVED TO START | 0          | 0          | 0         | 0              | 0%          |
|             | IN PROGRESS       | 9          | 11         | 0         | 20             | 3%          |
|             | RELOCATED         | 382        | 219        | 32        | 633            | 93%         |
|             | <b>TOTAL</b>      | <b>415</b> | <b>233</b> | <b>32</b> | <b>680</b>     | <b>100%</b> |
| Wet         | NOT STARTED       | 34         | 8          | 0         | 42             | 11%         |
|             | APPROVED TO START | 0          | 0          | 0         | 0              | 0%          |
|             | IN PROGRESS       | 41         | 8          | 10        | 59             | 16%         |
|             | RELOCATED         | 196        | 41         | 32        | 269            | 73%         |
|             | <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<br>Dec 31, 2024 | Total Parcels Delivered to Date<br>Dec 31, 2024 | Remaining Parcels to be Delivered<br>Dec 31, 2024 | Percentage Delivered |
|----------------------|--------------------------------------|---|---|----------------------|
| CP 1                 | 1,079                                | 1,069   | 10  | 99%                  |
| CP 2-3               | 988                                  | 981   | 7   | 99%                  |
| CP 4                 | 223                                  | 223   | 0   | 100%                 |
| <b>Total</b>         | <b>2,290</b>                         | <b>2,273</b>                                    | <b>17</b>   | <b>99%</b>           |

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

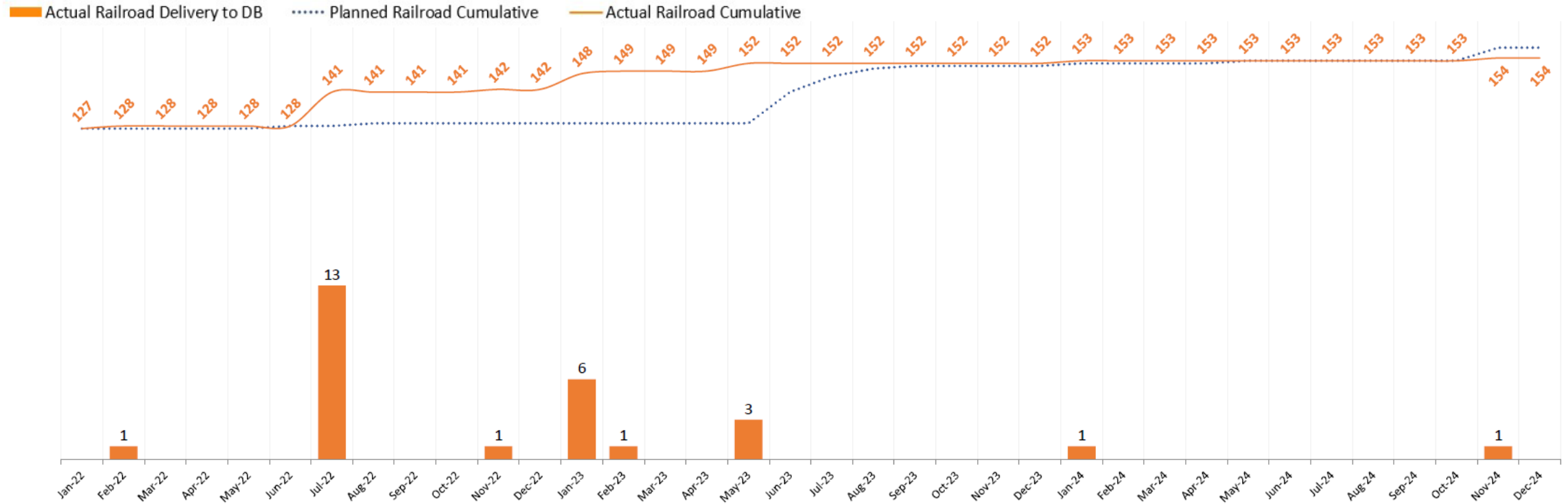


# CP 1-4 – Real Property/Right-of-Way (ROW) Railroad

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

| Construction Package | Total Needed Railroad Parcels<br>Dec 31, 2024 | Total Railroad Parcels Delivered to Date<br>Dec 31, 2024 | Remaining Railroad Parcels to be Delivered<br>Dec 31, 2024 |
|----------------------|---|--|--|
| CP 1                 | 89  | 70   | 19   |
| CP 2-3               | 58  | 55   | 3  |
| CP 4                 | 29  | 29   | 0  |
| <b>Total</b>         | <b>176</b>                                    | <b>154</b>   | <b>22</b>  |

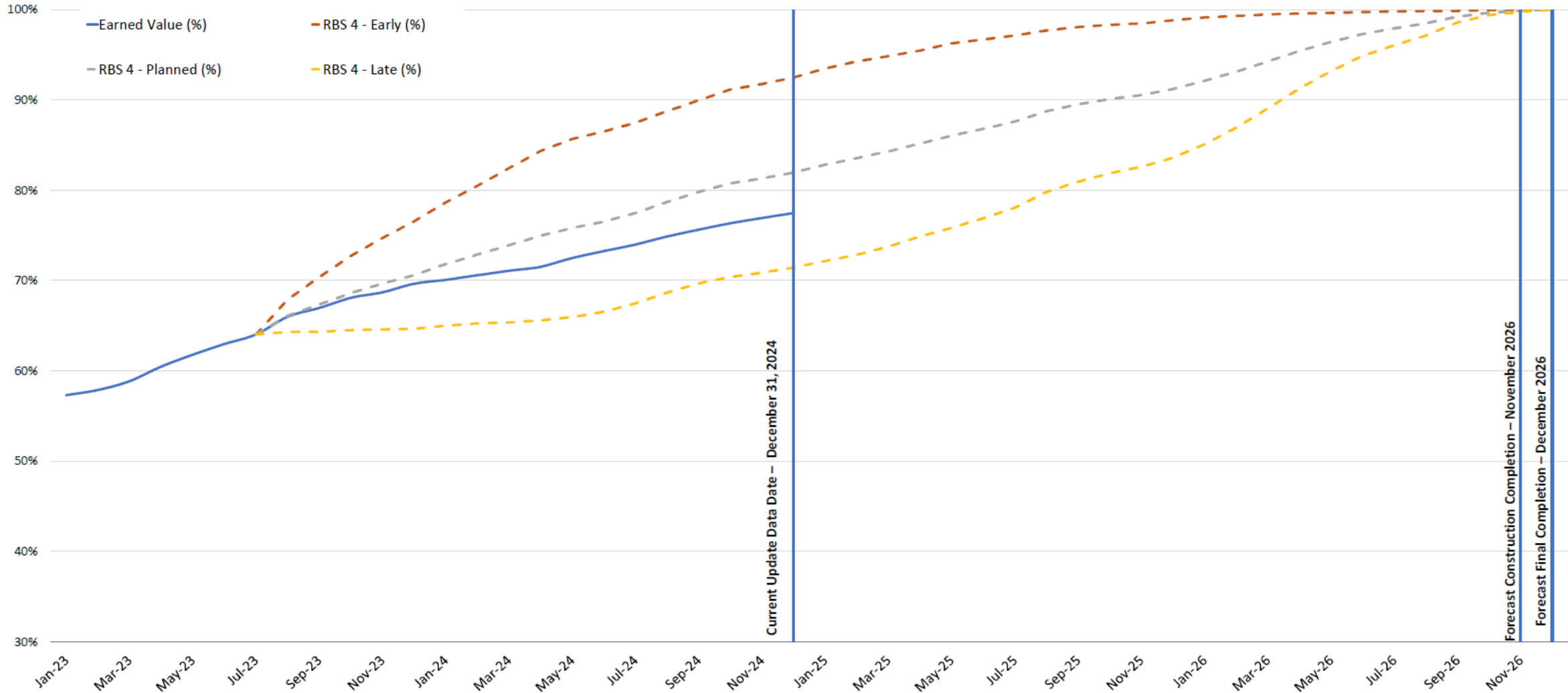
## CP 1-4 – Railroad Parcel Delivery to Design-Builder (DB) Summary



# CP 1 – Earned Value

## CP 1 – Earned Value Summary (%)

| Schedule Performance Index | Planned Value | Earned Value |
|----------------------------|---------------|--------------|
| 0.95                       | 82%           | 77%          |



# Preliminary Numbers for March 20 F&A Report

Look Ahead at Next Month's F&A Report with Preliminary Data (through January 31, 2025)

*Table 1 - Labor Count Number Update*

| Construction Packages   | Current Month—December 2024 Data | Preliminary—January 2025 Data |
|---|----------------------------------|-------------------------------|
| Construction Package 1  | 399                              | 390                           |
| Construction Package 2-3                                      | 896                              | 951                           |
| Construction Package 4  | 0                                | 0                             |
| <b>Totals</b>   | <b>1,295</b>                     | <b>1,341</b>                  |
| An increase of 46 workers. CP 2-3 had an increase in workers. |                                  |                               |

*Table 2 – ROW Delivered Parcel Count Update*

| Construction Packages                | Current Month—December 2024 Data | Preliminary—January 2025 Data |
|--------------------------------------|----------------------------------|-------------------------------|
| Construction Package 1               | 1,069                            | 1,069                         |
| Construction Package 2-3             | 981                              | 981                           |
| Construction Package 4               | 223                              | 223                           |
| <b>Totals</b>                        | <b>2,273</b>                     | <b>2,273</b>                  |
| Delivered 0 parcels in January 2025. |                                  |                               |

*Table 3 - Executed Change Order Update*

| Construction Packages                     | Current Month—December 2024 Data | Preliminary—January 2025 Data |
|---|----------------------------------|-------------------------------|
| Construction Package 1                    | \$4.5M (1)                       | \$0.1M (1)                    |
| Construction Package 2-3                  | (\$0.2M) (3)                     | \$1.3M (2)                    |
| Construction Package 4                    | \$2.3M (1)                       | \$0.0M (0)                    |
| <b>Totals</b>                             | <b>\$6.6M (5)</b>                | <b>\$1.4M (3)</b>             |
| 3 executed Change Orders in January 2025. |                                  |                               |

*Table 4 – Utility Relocation Status*

| Construction Packages                             | Current Month—December 2024 Data | Preliminary—January 2025 Data |
|---|----------------------------------|-------------------------------|
| Construction Package 1                            | 799                              | 801                           |
| Construction Package 2-3                          | 591                              | 595                           |
| Construction Package 4                            | 133                              | 133                           |
| <b>Totals</b>                                     | <b>1,523</b>                     | <b>1,529</b>                  |
| There were 6 Utility Relocations in January 2025. |                                  |                               |