



Finance & Audit Committee

# **CENTRAL VALLEY STATUS REPORT**

December 6th, 2023 Report (data through September 2023)

## Executive Summary

### Construction Packages (CP) Design-Build Expenditures ([Page 4](#))

- September 2023 Expenditures totaled \$86.8M:
  - Construction Package 1 (Page 14) - Expenditures totaled \$34.3M.
  - Construction Package 2-3 (Page 23) - Expenditures totaled \$31.0M.
  - Construction Package 4 (Page 33) - Expenditures totaled \$21.5M.
- Total CP Cumulative Actual Expenditures (Pages 12, 22, and 31) – \$5,205.3M.
- Total Cumulative Current Contract Amount (Pages 12, 22, and 31) – \$7,294.4M.

### Change Orders

- Executed Change Orders this period – 17 for a total of \$139.4M:
  - Construction Package 1 (Page 15) – Three for a total of \$0.3M.
  - Construction Package 2-3 (Page 24) – Eight for a total of \$130.0M.
  - Construction Package 4 (Page 34) – Six for a total of \$9.1M.

### Risk Contingency ([Page 5](#))

- Approved Contingency – \$6,001.6M budgeted contract contingency. Contingency balance is \$1,618.5M as of data date.
  - Construction Package 1 (Page 16) – \$2,791.6M budgeted contract contingency. Contingency balance is \$752.4M as of data date.
  - Construction Package 2-3 (Page 25) – \$2,691.5M budgeted contract contingency. Contingency balance is \$792.7M as of data date.
  - Construction Package 4 (Page 35) – \$518.5M budgeted contract contingency. Contingency balance is \$73.3M as of data date.

### CP Construction Labor ([Page 6](#))

- September 2023, Average Daily Site Workers (by Week) – 1,348 workers. A decrease of 36 workers from the previous period (1,384):
  - Construction Package 1 (Page 17) – 346 workers. A decrease of 10 workers from the previous month (356).
  - Construction Package 2-3 (Page 26) – 793 workers. An increase of 20 workers from the previous month (773).
  - Construction Package 4 (Page 36) – 209 workers. A decrease of 46 workers from the previous month (255).
- 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 – 75 underway/construction complete (32 underway, 43 completed) compared to 93 structures total (81%). No change from the previous period.
  - Construction Package 1 – 28 structures underway/construction complete (11 underway, 17 completed).
  - Construction Package 2-3 – 36 structures underway/construction complete (21 underway, 15 completed).
  - Construction Package 4 – 11 of 11 structures completed.
- Guideway – 91 miles underway/construction complete (37 underway, 54 completed) compared to 119 miles total (76%). One mile of guideway completed in September 2023.
  - Construction Package 1 – 20 miles underway/construction complete (18 underway, 2 completed).
  - Construction Package 2-3 – 49 miles underway/construction complete (16 underway, 33 completed).
  - Construction Package 4 – 22 miles underway/construction complete (3 underway, 19 completed). One mile of guideway completed in September 2023.

**Utility Relocations Status ([Pages 8 - 9](#))**

- Relocated: 1,160 (63%); In Progress: 355 (19%); Approved to Start: 0 (0%); Not Started: 321 (18%); Total: 1,836. A total of 48 relocated in September 2023. 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: 547 (55%); In Progress: 266 (27%); Approved to Start: 0 (0%); Not Started: 179 (18%); Total: 992.
  - Construction Package 2-3 – Relocated: 491 (70%); In Progress: 68 (10%); Approved to Start: 0 (0%); Not Started: 142 (20%); Total: 701.
  - Construction Package 4 – Relocated: 122 (85%); In Progress: 21 (15%); 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 – 2,246 parcels compared to an estimated 2,296 parcels needed.
- Parcels Delivered to Design-Builder (DB) – Five parcels in September 2023.
- Construction Packages 1-4 – Zero parcel added and zero parcels removed for CP 1-4. 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 – 147 parcels delivered compared to an estimated 171 total railroad parcels needed.
- Railroad Parcels Delivered to Design-Builder – Zero parcels in September 2023.

**Project Development (Environmental Clearance) Schedule – Notice of Determination (NOD)/Record of Decision (ROD) ([Pages 41 - 42](#))**

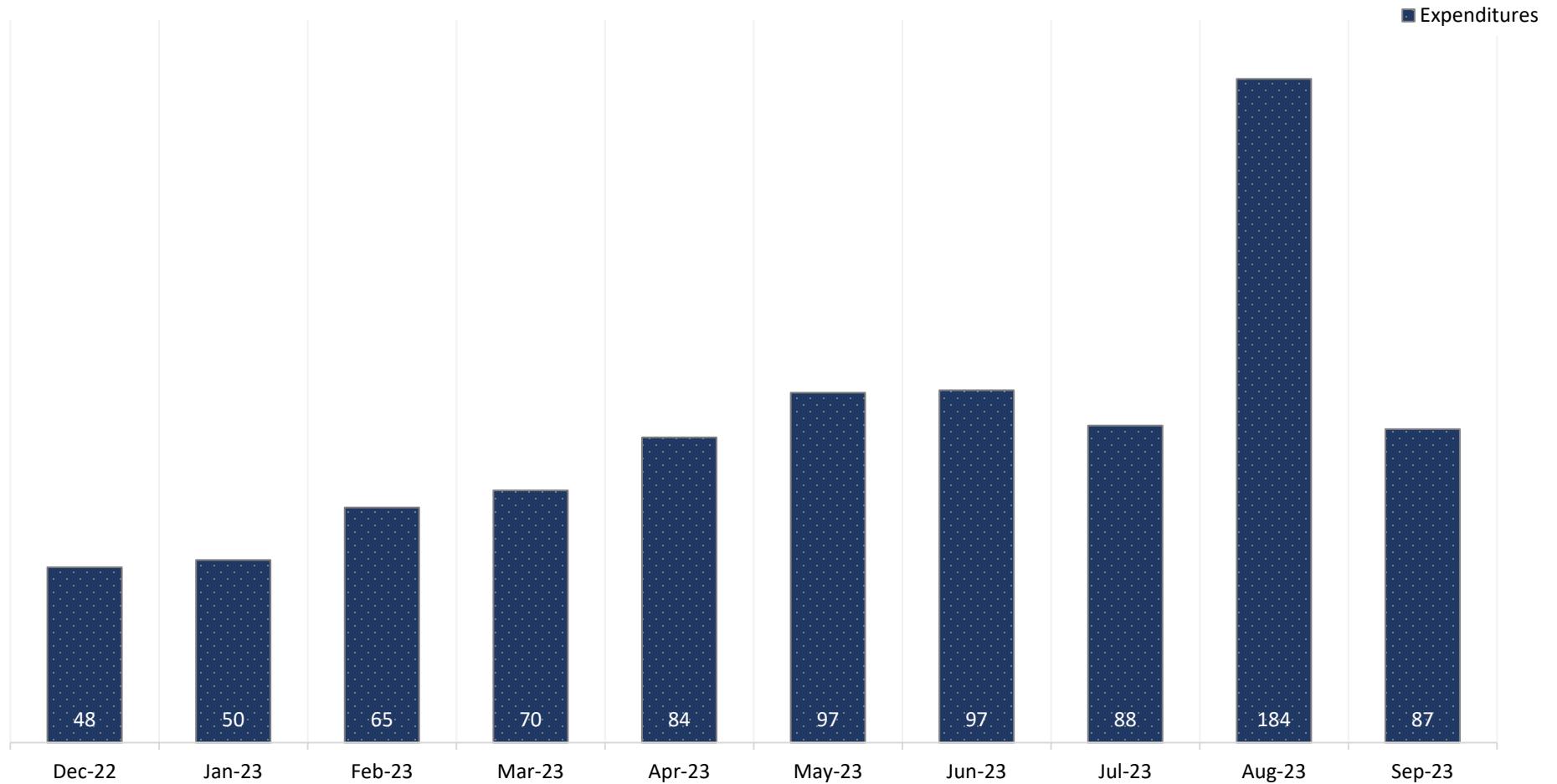
- San Francisco to San Jose – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- San Jose to Merced – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- Bakersfield to Palmdale – Work through NOD/ROD has been completed. Continued meeting with key stakeholders, including the Center for Biological Diversity.
- Palmdale to Burbank – Regional Consultant is preparing the Administrative Final Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) for review and approval by the Authority prior to being submitted to the Cooperating Agencies. Major activities on this project section included preparing response to comments received on the Draft EIR/EIS and preparing permitting documents.
- Burbank to Los Angeles – Work through NOD/ROD has been completed. Project closeout activities are ongoing.
- Los Angeles to Anaheim – Administrative Draft EIR/EIS scheduled for Spring 2024. NOD/ROD anticipated in late 2025.

**Project Development (Post-Record of Decision) Schedule ([Page 42](#))**

- Merced Extension (Merced to Madera) – Stantec Inc., under Agreement HSR22-02, continues to make progress on the early actions of this Project. On June 30<sup>th</sup>, 2023, the Task Order #3 was issued to Stantec which is the roadmap for all deliverables in FY23-24. The Program Management Plan and the Annual Work Plan for FY23-24 were also approved on June 30<sup>th</sup>, 2023.
- 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.

## CP 1-4 – Design-Build Expenditures

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

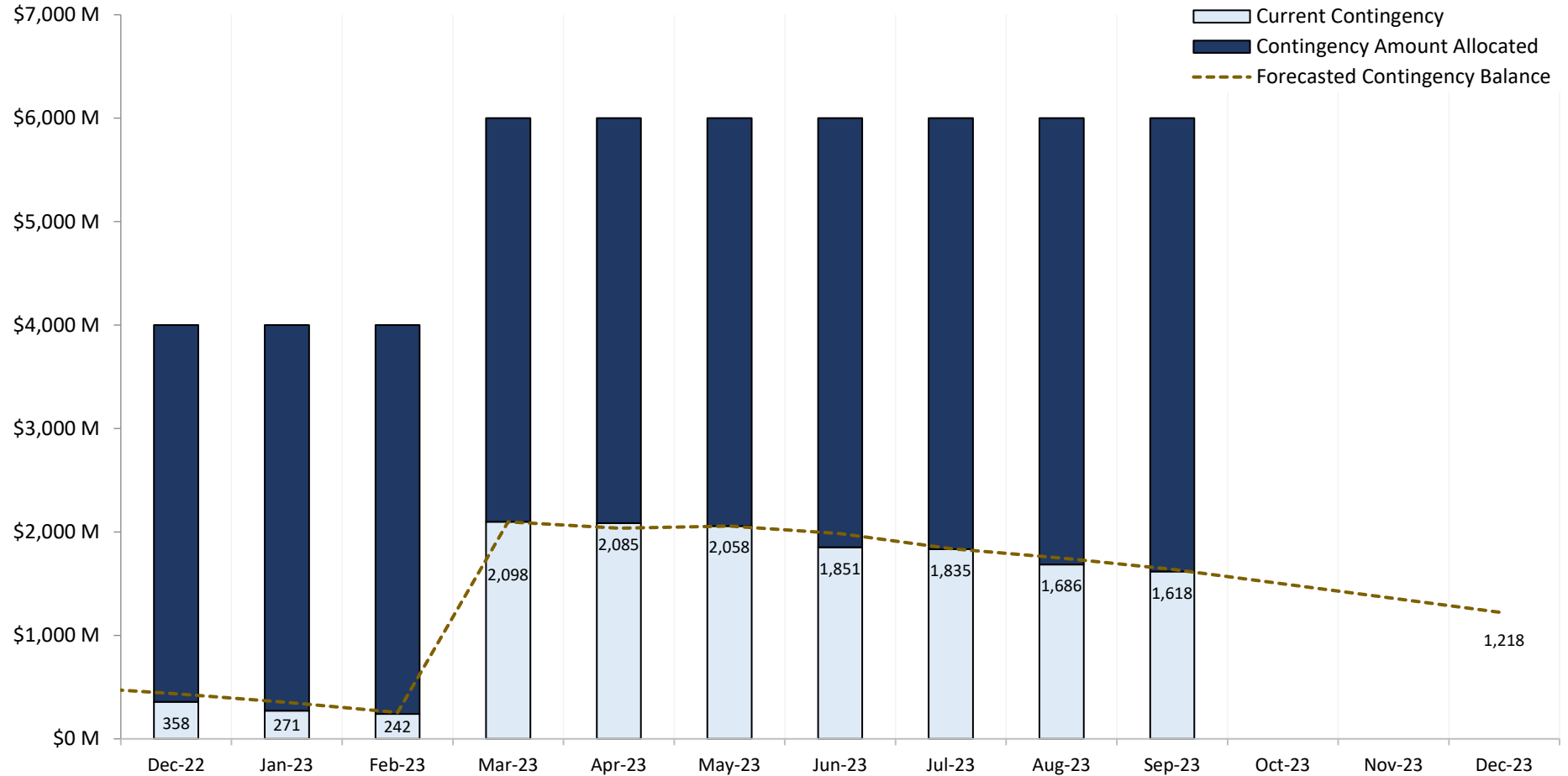


**Notes:**

1. September 2023 Expenditures totaled \$86.8M:
  - a. Construction Package 1 – Expenditures totaled \$34.3M.
  - b. Construction Package 2-3 – Expenditures totaled \$31.0M.
  - c. Construction Package 4 – Expenditures totaled \$21.5M.

## CP 1-4 – Risk Contingency

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

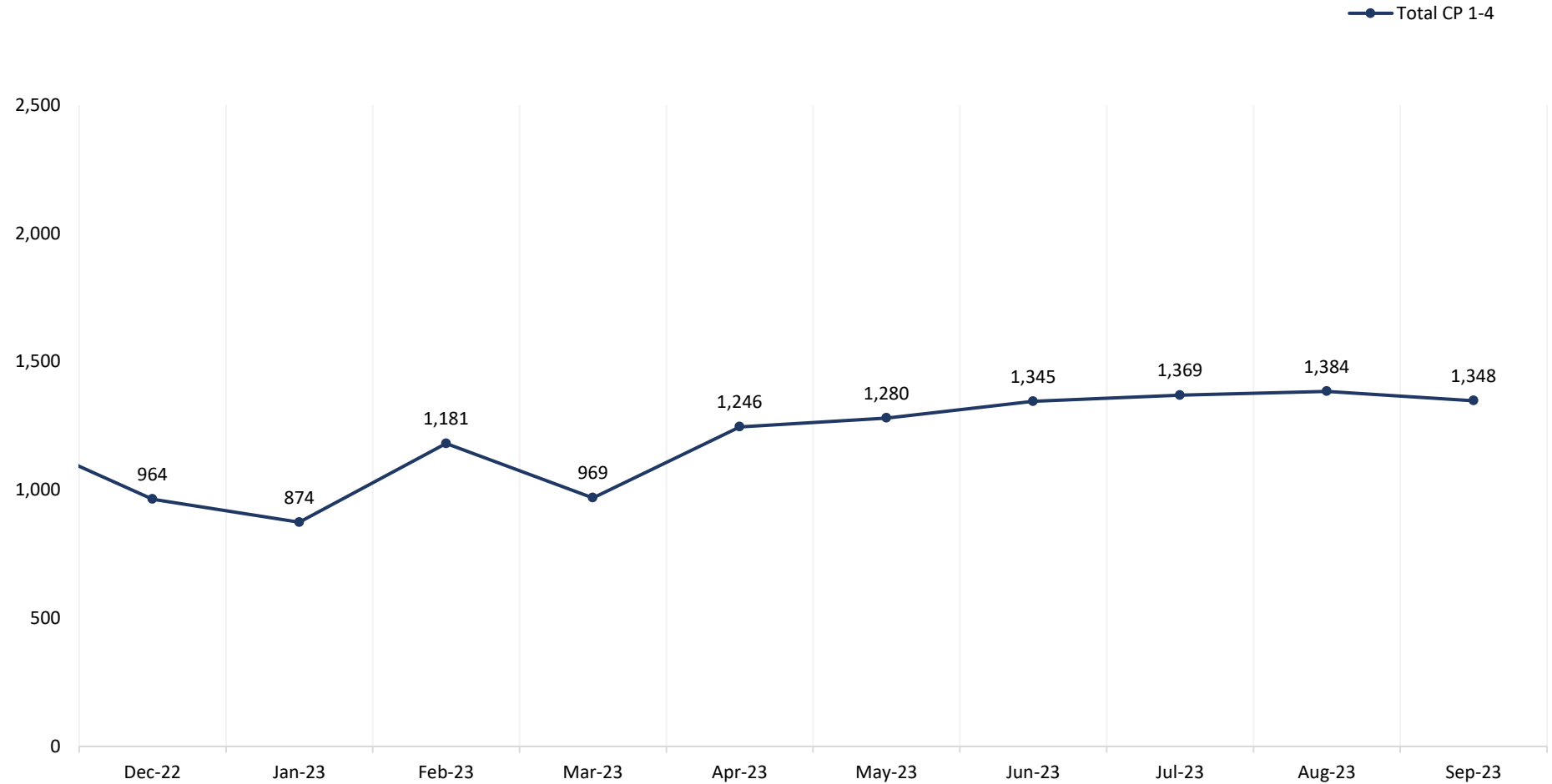


**Notes:**

1. March 2023 reflects the March 16, 2023 Board Expenditure Authorization which increased the total Program Contingency to \$6,001.6M.
2. Contingency balance updated to reflect the Board’s adoption of Resolution #HSR23-01 (Expenditure Authorization Increase).
3. Contingency Amount Allocated reflects all executed change orders and Business Oversight Committee (BOC) approved items for all CPs.
4. 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 – Construction Labor

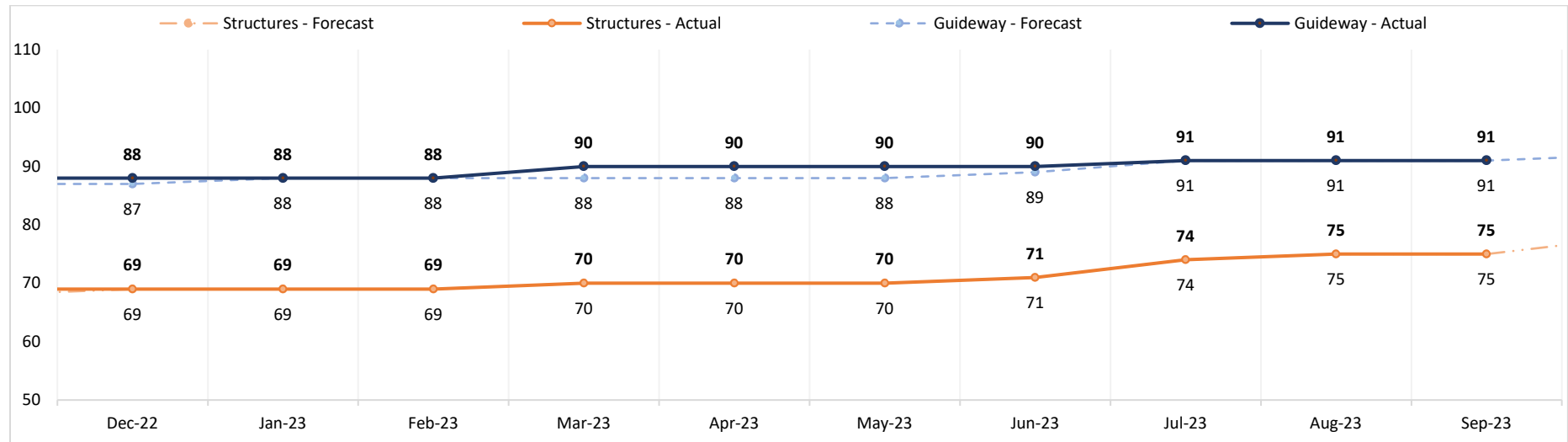
### CP 1-4 – Monthly Construction Workforce Total – Actual (FTE)



- 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. September 2023, Average Daily Site Workers (by week) – 1,348 workers. A decrease of 36 workers from the previous period (1,384).
    - a. Construction Package 1 (Page 16) – 346 workers. A decrease of 10 workers from the previous month (356).
    - b. Construction Package 2-3 (Page 25) – 793 workers. An increase of 20 workers from the previous month (773).
    - c. Construction Package 4 (Page 35) – 209 workers. A decrease of 46 workers from the previous month.

## 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 |           |
| <b>Guideway</b>   | 18          | 2         | 16          | 33        | 3           | 19        | 37          | 54        | <b>91</b> |
| <b>Structures</b> | 11          | 17        | 21          | 15        | 0           | 11        | 32          | 43        | <b>75</b> |

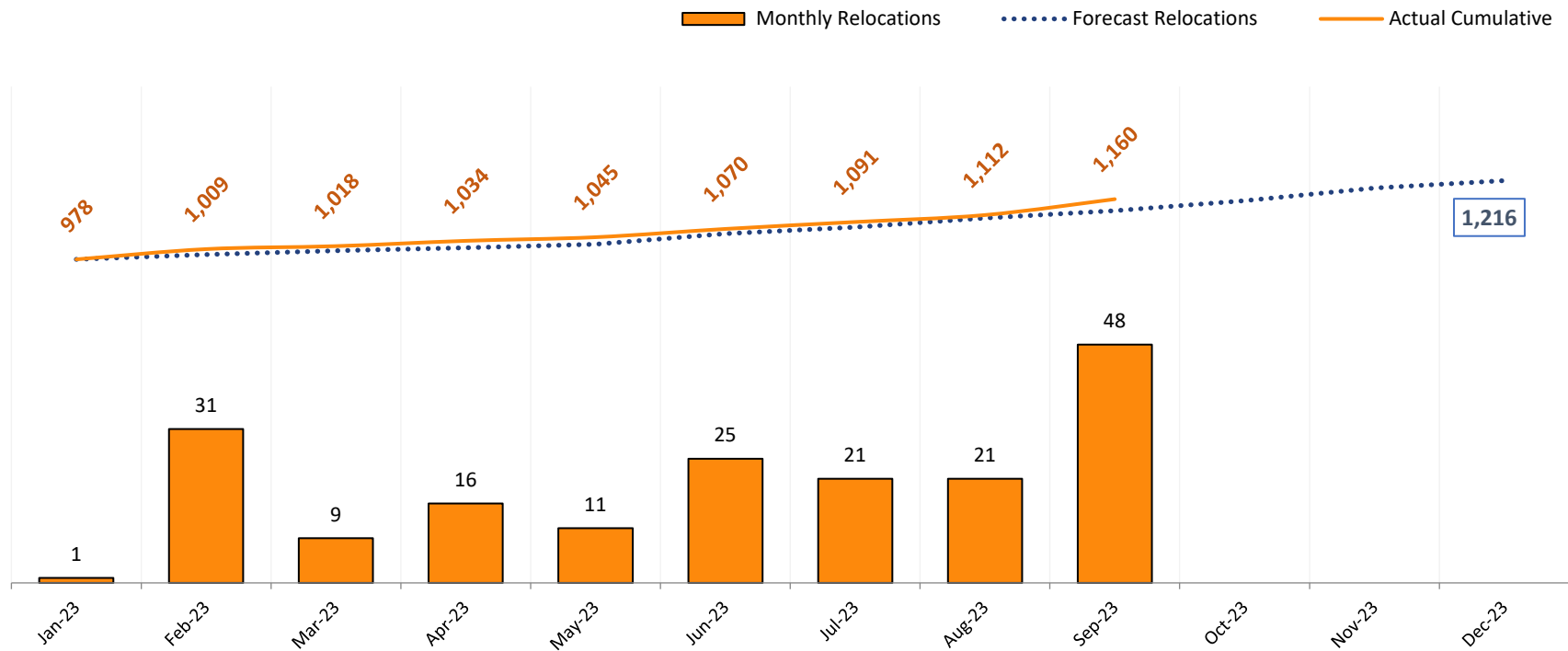
- Notes:**
- Construction Complete definition:
    - Structure Completion – all concrete work is complete.
    - Guideway Completion – earthworks complete with rough grading.
  - Total Structures: 93
  - Structures – 75 underway/construction complete compared to 93 structures total (81%).
    - CP 1 – 28 structures underway/construction complete.
    - CP 2-3 – 36 structures underway/construction complete.
    - CP 4 – 11 of 11 structures completed.
  - Total Guideway: approximately 119 miles
  - Guideway – 91 miles underway/construction complete compared to 119 miles total (76%). One mile of guideway completed in September 2023.
    - CP 1 – 20 miles underway/construction complete.
    - CP 2-3 – 49 miles underway/construction complete.
    - 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. One mile of guideway completed in September 2023.

## CP 1-4 – Utility Relocations

### CP 1-4 – Utility Relocation Summary

| Construction Package | Total Relocations<br>September 30, 2023 | Total Utilities Relocated to Date<br>September 30, 2023 | Remaining Utility Relocations<br>September 30, 2023 |
|----------------------|---|---|---|
| CP 1                 | 992                                     | 547   | 445   |
| CP 2-3               | 701                                     | 491   | 210   |
| CP 4                 | 143                                     | 122   | 21  |
| <b>Total</b>         | <b>1,836</b>                            | <b>1,160</b>  | <b>676</b>  |

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





## CP 1-4 – Utility Relocation Summary

### CP 1-4 – Summary by Utility Type

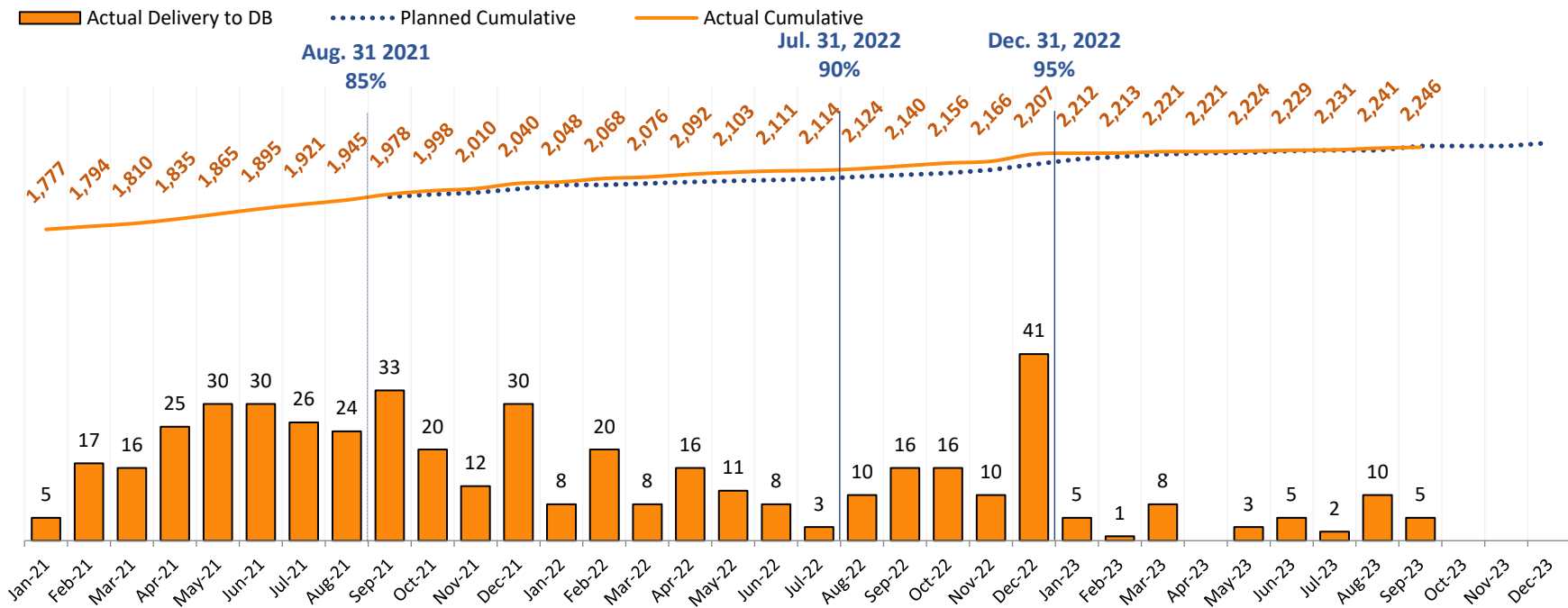
| Utility  | Status            | CP-1       | CP-2-3     | CP-4      | CP 1-4 Total | Percentage  |
|----------|-------------------|------------|------------|-----------|--------------|-------------|
| Electric | NOT STARTED       | 79         | 102        | 0         | 181          | 27%         |
|          | APPROVED TO START | 0          | 0          | 0         | 0            | 0%          |
|          | IN PROGRESS       | 21         | 32         | 1         | 54           | 8%          |
|          | RELOCATED         | 115        | 250        | 61        | 426          | 65%         |
|          | <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           | 22%         |
|          | APPROVED TO START | 0          | 0          | 0         | 0            | 0%          |
|          | IN PROGRESS       | 30         | 0          | 0         | 30           | 24%         |
|          | RELOCATED         | 44         | 17         | 7         | 68           | 54%         |
|          | <b>TOTAL</b>      | <b>91</b>  | <b>27</b>  | <b>7</b>  | <b>125</b>   | <b>100%</b> |
| Telecom  | NOT STARTED       | 34         | 3          | 0         | 37           | 5%          |
|          | APPROVED TO START | 0          | 0          | 0         | 0            | 0%          |
|          | IN PROGRESS       | 110        | 27         | 0         | 137          | 20%         |
|          | RELOCATED         | 271        | 203        | 32        | 506          | 75%         |
|          | <b>TOTAL</b>      | <b>415</b> | <b>233</b> | <b>32</b> | <b>680</b>   | <b>100%</b> |
| Wet      | NOT STARTED       | 49         | 27         | 0         | 76           | 21%         |
|          | APPROVED TO START | 0          | 0          | 0         | 0            | 0%          |
|          | IN PROGRESS       | 105        | 9          | 20        | 134          | 36%         |
|          | RELOCATED         | 117        | 21         | 22        | 160          | 43%         |
|          | <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>September 30, 2023 | Total Parcels Delivered to Date<br>September 30, 2023 | Remaining Parcels to be Delivered<br>September 30, 2023 | Percentage Delivered |
|----------------------|--|---|---|----------------------|
| CP 1                 | 1,084                                      | 1,064   | 20  | 98%                  |
| CP 2-3               | 989  | 959   | 30  | 97%                  |
| CP 4                 | 223  | 223   | 0   | 100%                 |
| <b>Total</b>         | <b>2,296</b>                               | <b>2,246</b>  | <b>50</b>   | <b>98%</b>           |

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



**Notes:**

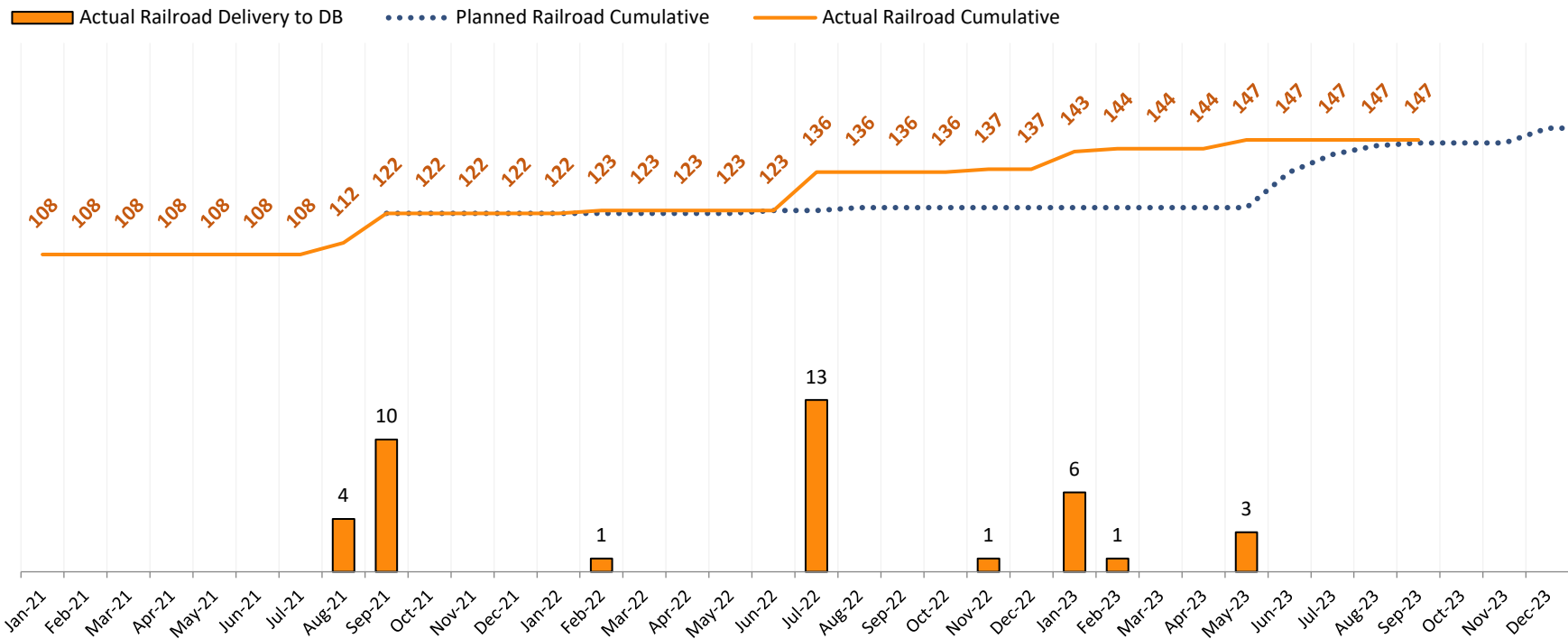
1. This reflects the actual parcels delivered to the Design-Builder by month compared to the planned delivery schedule which identifies 90% and 95% milestone completion for CP 1-4.
2. Delivery to Design Builder 90% milestone completion was achieved for CP 1-4 in March 2022 and 96% percent of parcels delivered by December 2022.
3. Total Parcels Delivered for Jan-21 was reduced by one parcel due to rescinded parcel delivery from July 2020 in CP2-3.

## 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>September 30, 2023 | Total Railroad Parcels Delivered to Date<br>September 30, 2023 | Remaining Railroad Parcels to be Delivered<br>September 30, 2023 |
|----------------------|---|--|--|
| CP 1                 | 84  | 64   | 20   |
| CP 2-3               | 58  | 54   | 4  |
| CP 4                 | 29  | 29   | 0  |
| <b>Total</b>         | <b>171</b>  | <b>147</b>   | <b>24</b>  |

### 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<sup>(1)</sup>

### Milestones

| Milestone   | Date            |
|---|-----------------|
| Request for Quote (RFQ) Date:                                       | 11/15/2011      |
| Statement of Qualification (SOQ) Date:                              | 12/19/2011      |
| Request for Proposal (RFP) Date:                                    | 03/22/2012      |
| Proposal:   | 01/18/2013      |
| Bid Open Date:  | 04/13/2013      |
| Award Date:   | 08/16/2013      |
| Notice to Proceed (NTP) 1 Date:                                     | 10/15/2013      |
| Notice to Proceed (NTP) 2 Date:                                     | 11/22/2013      |
| Notice to Proceed (NTP) 3 Date:                                     | 07/11/2014      |
| Original Completion Date:   | 03/31/2018      |
| Current Forecast Contract Completion Date <sup>(2)</sup> :          | Dec 2026        |
| <b>Current Forecast Construction Completion Date<sup>(2)</sup>:</b> | <b>Nov 2026</b> |

### 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:            | \$2,354,691,953.47        |
| Current Contract Amount:           | \$3,377,679,953.47        |
| Approved Invoices to Date:         | \$2,253,852,100.25        |
| <b>Remaining Contract Balance:</b> | <b>\$1,123,827,853.22</b> |

### Contract Time Status

| Description                                     | Duration |
|---|----------|
| Original Contract Days:                         | 1,628    |
| Extension of Time Awarded <sup>(3)</sup> :      | 3,159    |
| Current Forecast Contract Days <sup>(3)</sup> : | 4,787    |
| Calendar Days Worked (thru 09/30/2023):         | 3,637    |

### Expended to Date

| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 76.0%      |
| Dollars:              | 66.7%      |

### Growth Percentage

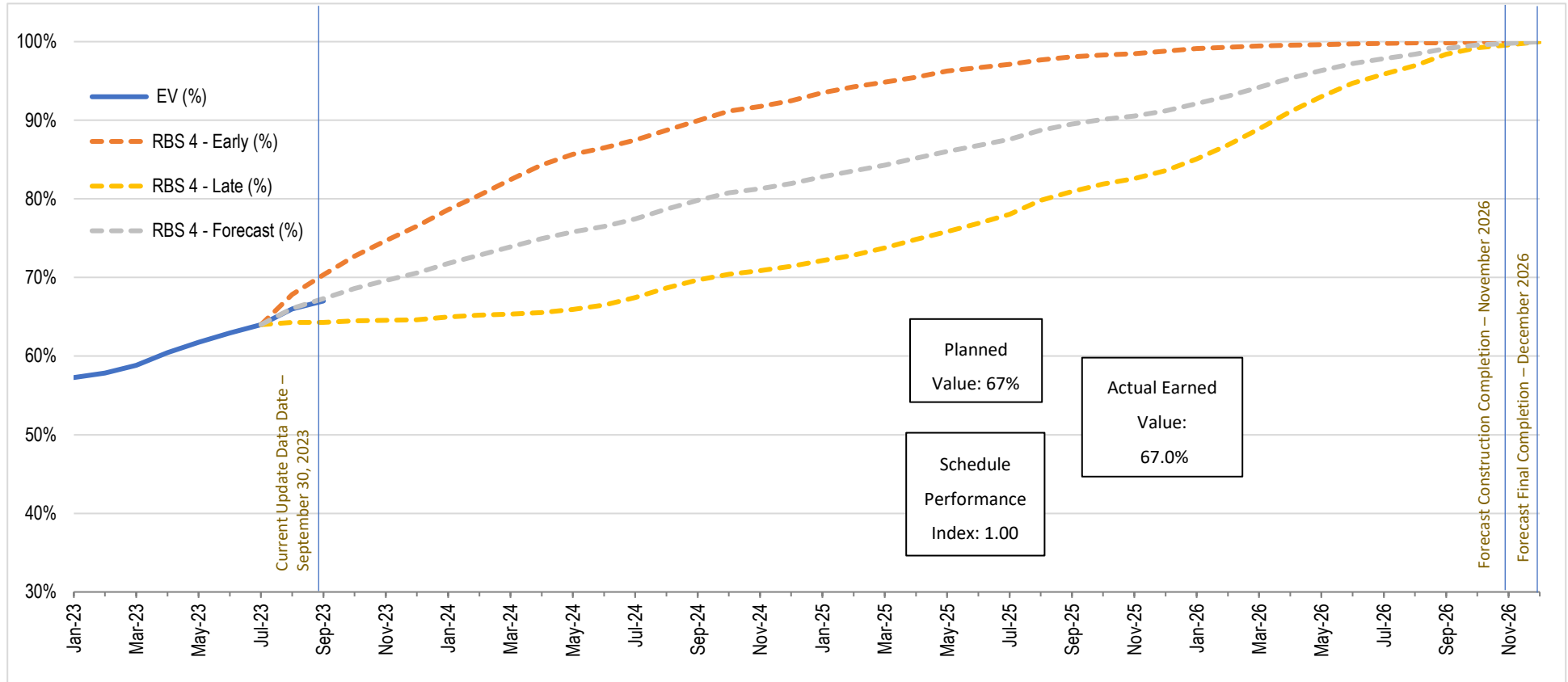
| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 194.0%     |
| Dollars:              | 230.2%     |

### 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 (%)

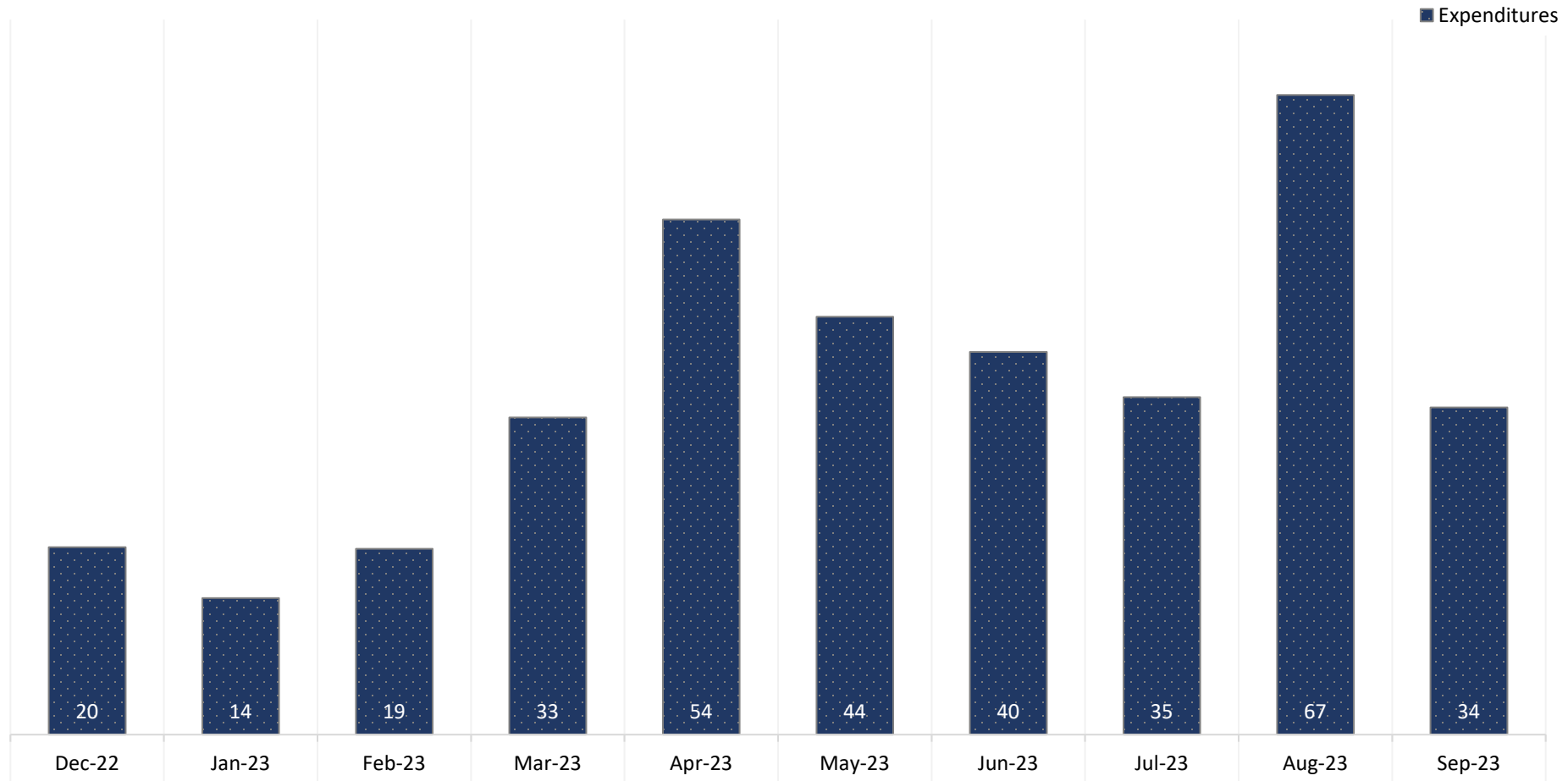


**Notes:**

1. Forecast periods are pending review.
2. Earned Value represents physical progress of site activities, which is based on project team verification of site progress measurements.
3. The early dates graph is optimistic and assumes activities will take place on the schedule early dates.
4. Average graph assumes non-critical path activities are taking place mid-way of early and late dates.
5. The late dates graph assumes activities will take place on the schedule late dates. If actuals fall below late graph, it indicates schedule slippage. To provide contingency, the Schedule Performance Index (SPI) is measured against the average graph.
6. Time contingency is not included in these forecasts. This is Authority owned contingency.

## 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 \$34.3M.

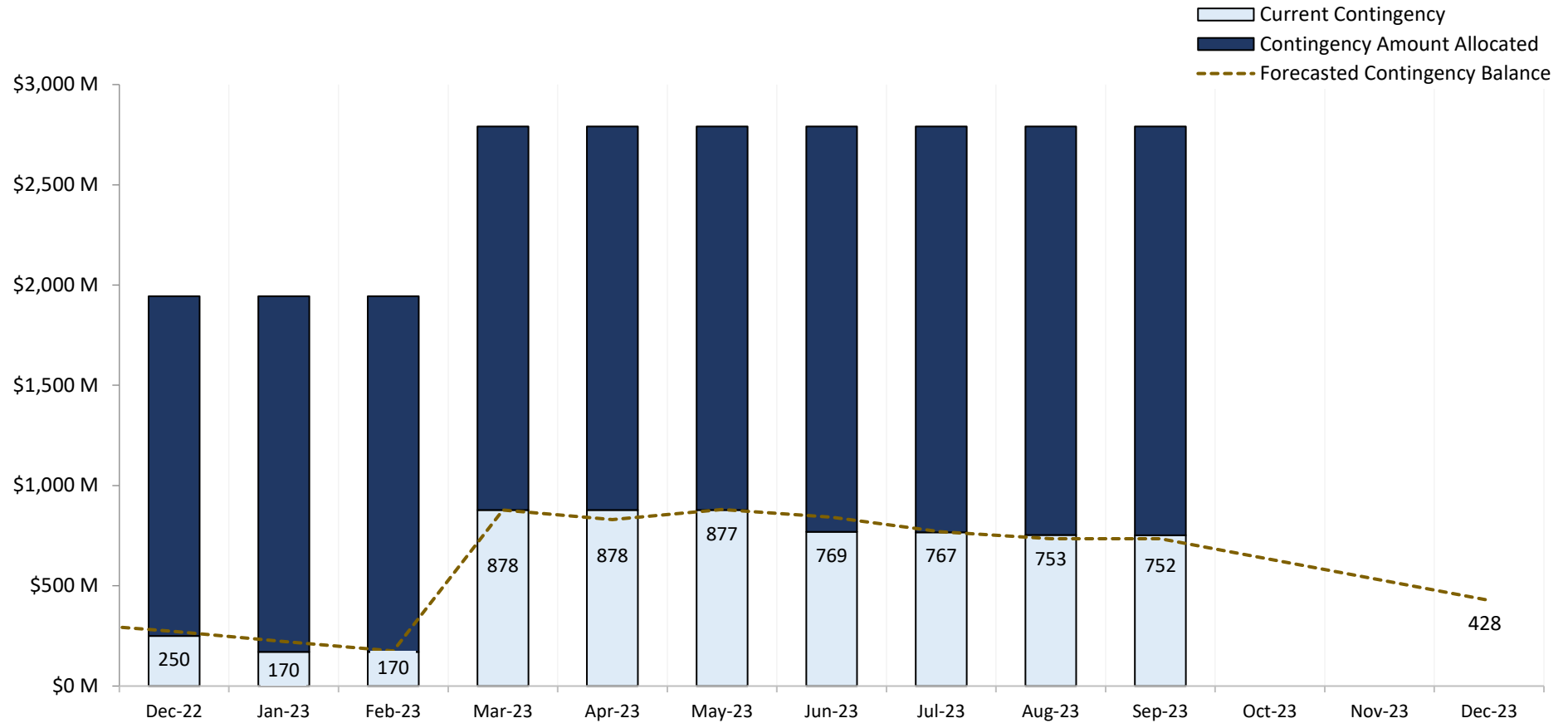
## CP 1 – Change Orders (CO)

### CP 1 – Change Order Status

| CO Number    | Title   | Change Status | Amount              | Executed Date |
|--------------|---|---------------|---------------------|---------------|
| 414.01       | Relocate Temp Signal to Road 27/Club Drive during Road 26 Closure | Executed      | \$47,000.00         | 09-13-23      |
| 505          | Franklin Ave Gate Valve   | Executed      | \$12,841.00         | 09-17-23      |
| 506          | Maintain and Repair Public Roads Used as Detour and Haul Routes   | Executed      | \$287,480.00        | 09-19-23      |
| <b>TOTAL</b> |   |               | <b>\$347,321.00</b> |               |

# CP 1 – Risk Contingency

## CP 1 – Risk Contingency Status (\$ Millions)



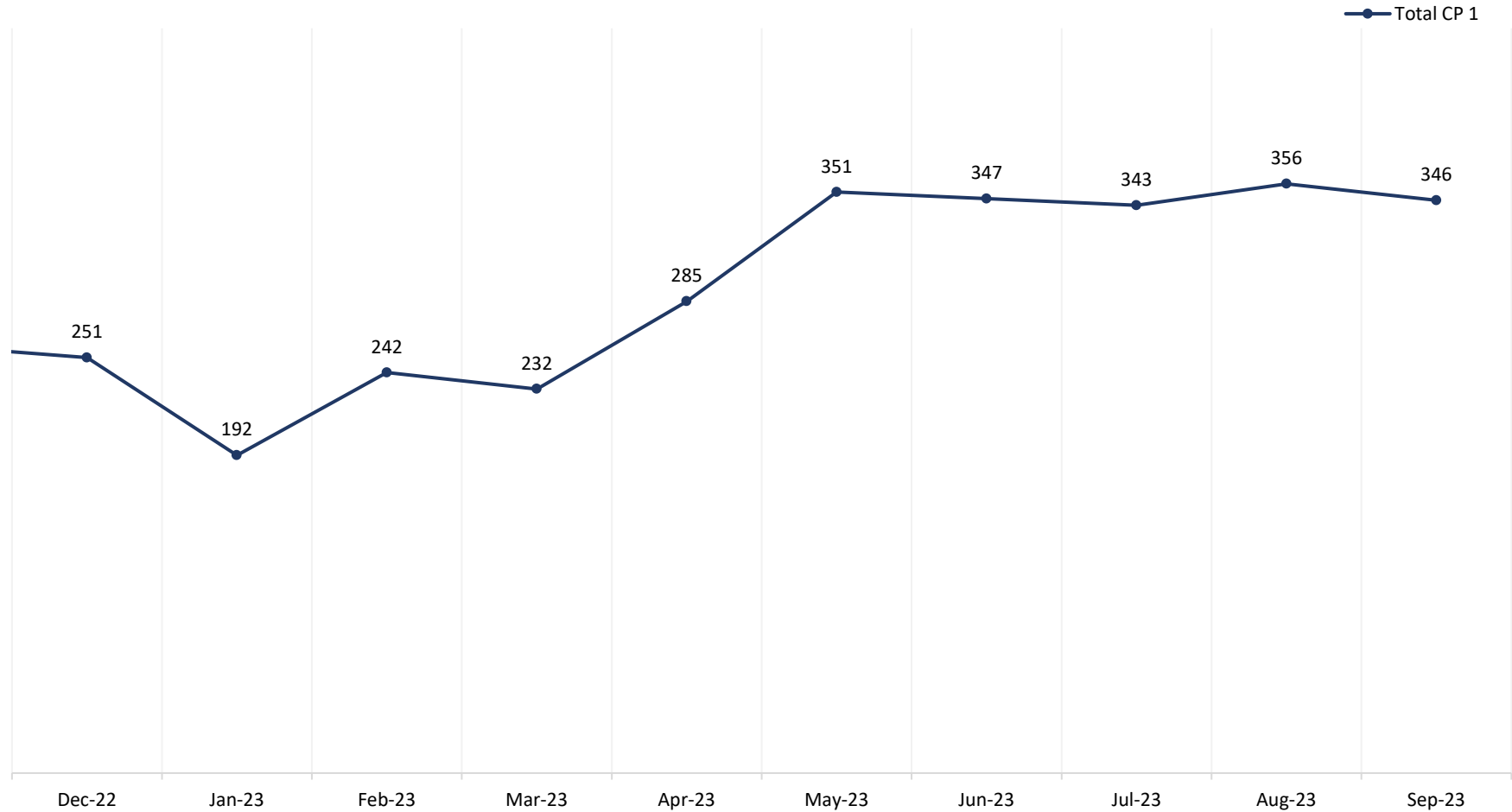
**Notes:**

1. March 2023 reflects the March 16, 2023 Board Expenditure Authorization which increased the total CP 1 Contingency to \$2,791.6M.
2. Contingency balance updated to reflect the Board’s adoption of Resolution #HSR23-01 (Expenditure Authorization Increase).
3. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
4. 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

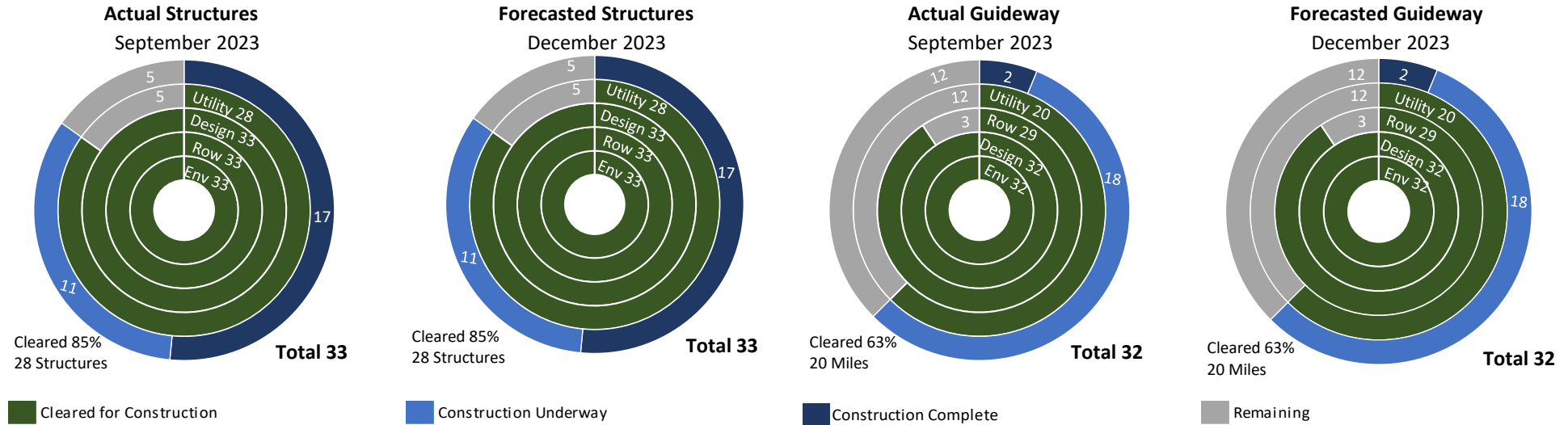
### CP 1 – Monthly Construction Workforce Total – Actual (FTE)



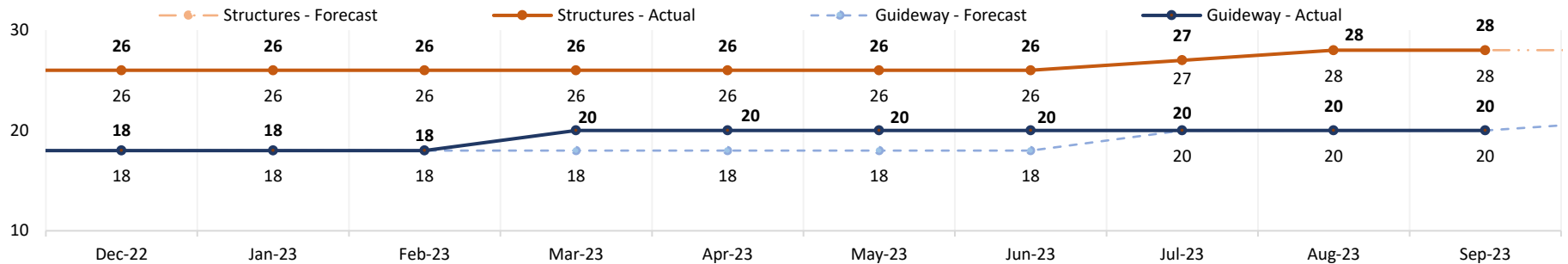
- Notes:**
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
  2. A decrease of 10 workers from the previous month (356).

# 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:
    - 28 structures underway/construction complete.
  - Total Guideway: 32 miles.
    - 20 miles underway/construction complete.
  - 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). Update: 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.
  - Late finish dates are being used to estimate forecast numbers.

## CP 1 – Utility Relocation Summary

### CP 1 - High Level Summary

| Status                            | Utility Relocations | Percentage  |
|-----------------------------------|---------------------|-------------|
| Total Utilities Not Started       | 179                 | 18%         |
| Total Utilities Approved to Start | 0                   | 0%          |
| Total Utilities in Progress       | 266                 | 27%         |
| Total Utilities Relocated         | 547                 | 55%         |
| <b>Total</b>                      | <b>992</b>          | <b>100%</b> |

### CP 1 – Summary by Utility Type

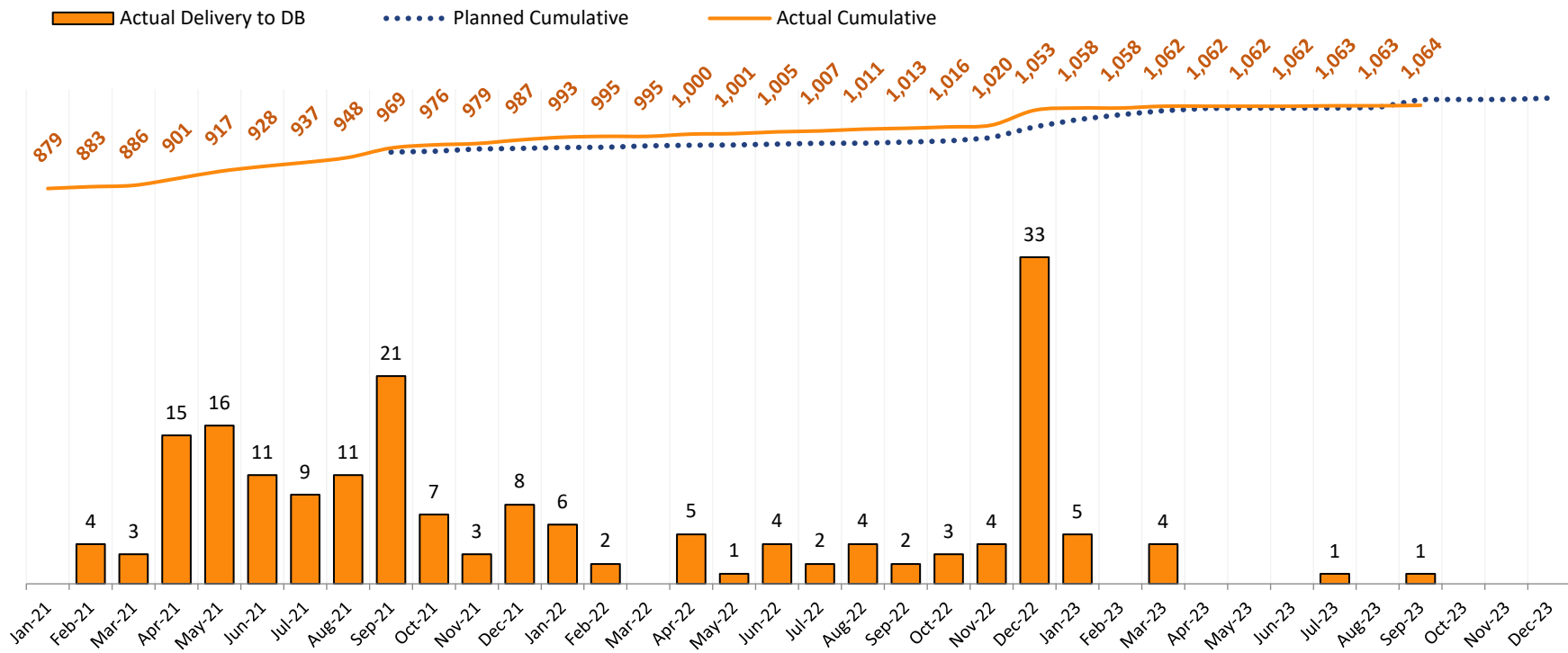
| Utility  | Status            | Utility Relocations | Percentage  |
|----------|-------------------|---------------------|-------------|
| Electric | NOT STARTED       | 79                  | 37%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 21                  | 10%         |
|          | RELOCATED         | 115                 | 53%         |
|          | <b>TOTAL</b>      | <b>215</b>          | <b>100%</b> |
| Gas      | NOT STARTED       | 17                  | 19%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 30                  | 33%         |
|          | RELOCATED         | 44                  | 48%         |
|          | <b>TOTAL</b>      | <b>91</b>           | <b>100%</b> |
| Telecom  | NOT STARTED       | 34                  | 8%          |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 110                 | 27%         |
|          | RELOCATED         | 271                 | 65%         |
|          | <b>TOTAL</b>      | <b>415</b>          | <b>100%</b> |
| Wet      | NOT STARTED       | 49                  | 18%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 105                 | 39%         |
|          | RELOCATED         | 117                 | 43%         |
|          | <b>TOTAL</b>      | <b>271</b>          | <b>100%</b> |

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

## CP 1 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels<br>September 30, 2023 | Total Parcels Delivered to Date<br>September 30, 2023 | Remaining Parcels to be Delivered<br>September 30, 2023 |
|----------------------|--|---|---|
| CP 1                 | 1,084                                      | 1,064   | 20  |

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



**Notes:**

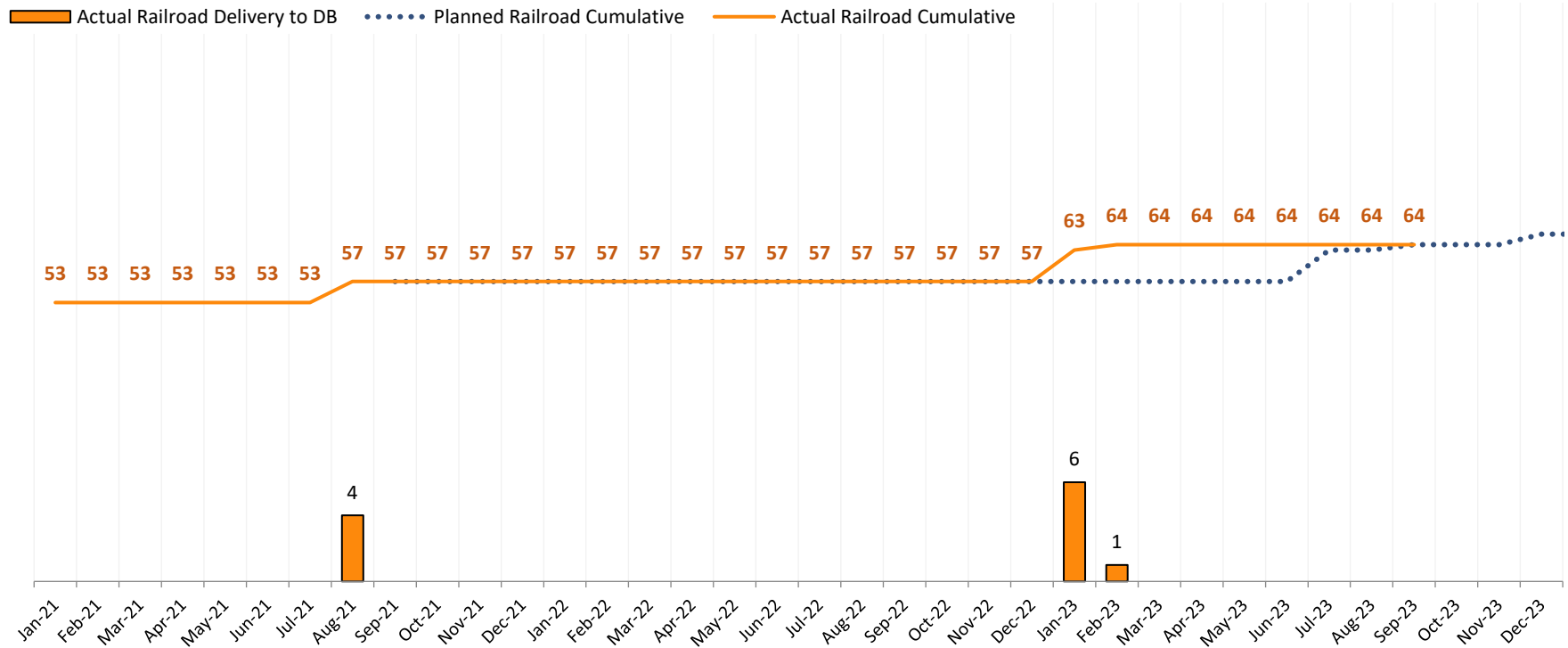
- This reflects the actual parcels delivered to the Design-Builder by month and forecasts based on Revised Baseline Schedules (RBS) Revision 4.

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

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

| Construction Package | Total Needed Railroad Parcels<br>September 30, 2023 | Total Railroad Parcels Delivered to Date<br>September 30, 2023 | Remaining Railroad Parcels to be Delivered<br>September 30, 2023 |
|----------------------|---|--|--|
| CP 1                 | 84  | 64   | 20   |

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



**Note:**

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<sup>(1)</sup>

#### Milestones

| Milestone   | Date              |
|---|-------------------|
| Request for Quote (RFQ) Date:                                       | 10/09/2013        |
| Statement of Qualification (SOQ) Date:                              | 12/13/2013        |
| Request for Proposal (RFP) Date:                                    | 04/03/2014        |
| Proposal:   | 10/30/2014        |
| Bid Open Date:  | 12/11/2014        |
| Award Date:   | 06/10/2015        |
| Late Notice to Proceed (LNTP) Date:                                 | 06/12/2015        |
| Notice to Proceed (NTP) Date:                                       | 07/25/2015        |
| Original Completion Date:   | 08/19/2019        |
| Current Forecast Contract Completion Date <sup>(2)</sup> :          | 05/21/2026        |
| <b>Current Forecast Construction Completion Date<sup>(2)</sup>:</b> | <b>03/21/2026</b> |

#### 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:            | \$1,782,631,213.59      |
| Current Contract Amount:           | \$3,147,967,103.59      |
| Approved Invoices to Date:         | \$2,205,766,542.84      |
| <b>Remaining Contract Balance:</b> | <b>\$942,200,560.75</b> |

#### Contract Time Status

| Description                                     | Duration |
|---|----------|
| Original Contract Days:                         | 1,486    |
| Extension of Time Awarded <sup>(3)</sup> :      | 2,406    |
| Current Forecast Contract Days <sup>(3)</sup> : | 3,892    |
| Calendar Days Worked (thru 09/30/2023):         | 2,989    |

#### Expended to Date Percentage

| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 76.8%      |
| Dollars:              | 70.1%      |

#### Growth Percentage

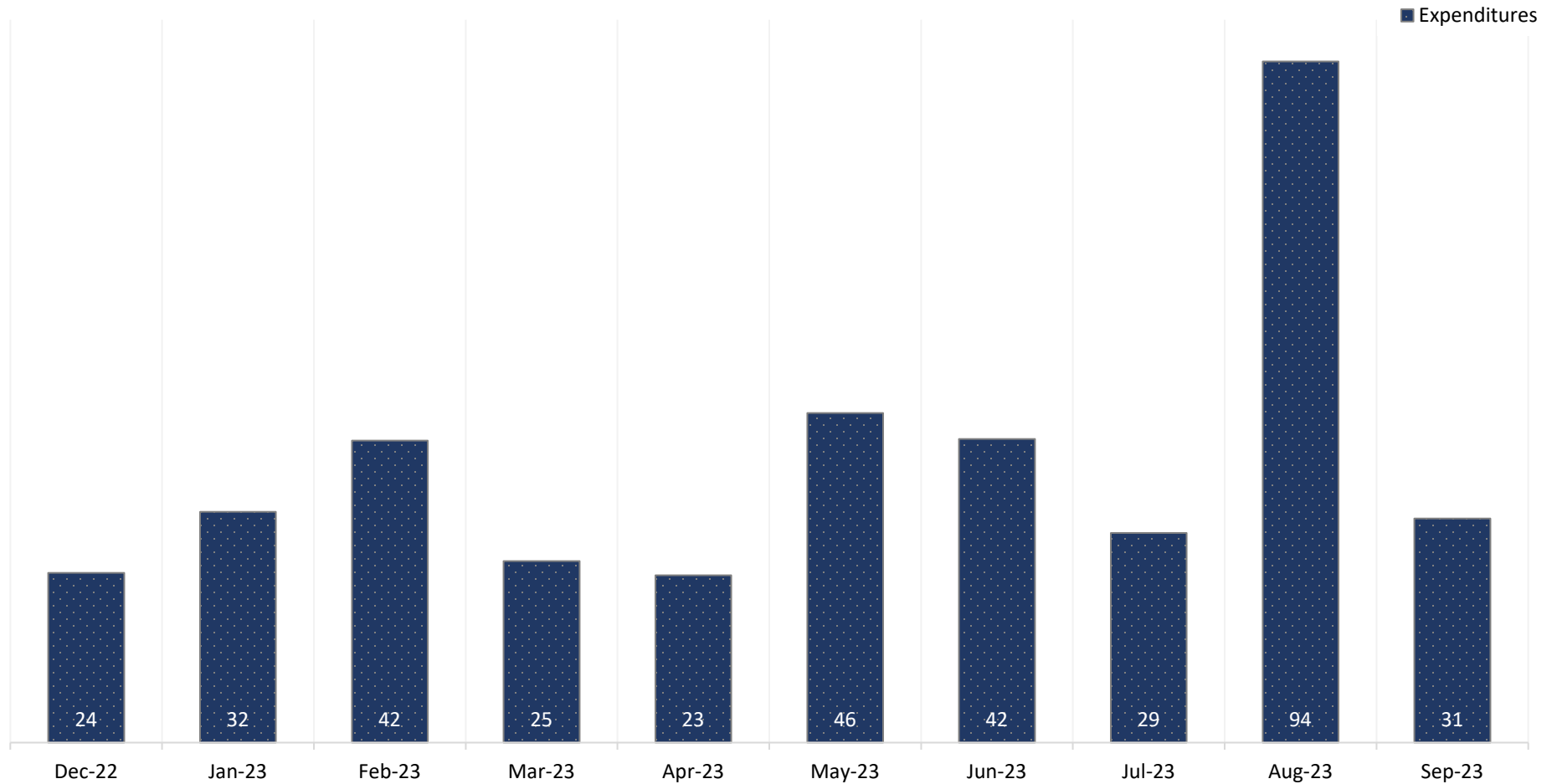
| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 161.9%     |
| Dollars:              | 130.6%     |

#### 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 \$31.0M.

## CP 2-3 – Change Orders (CO)

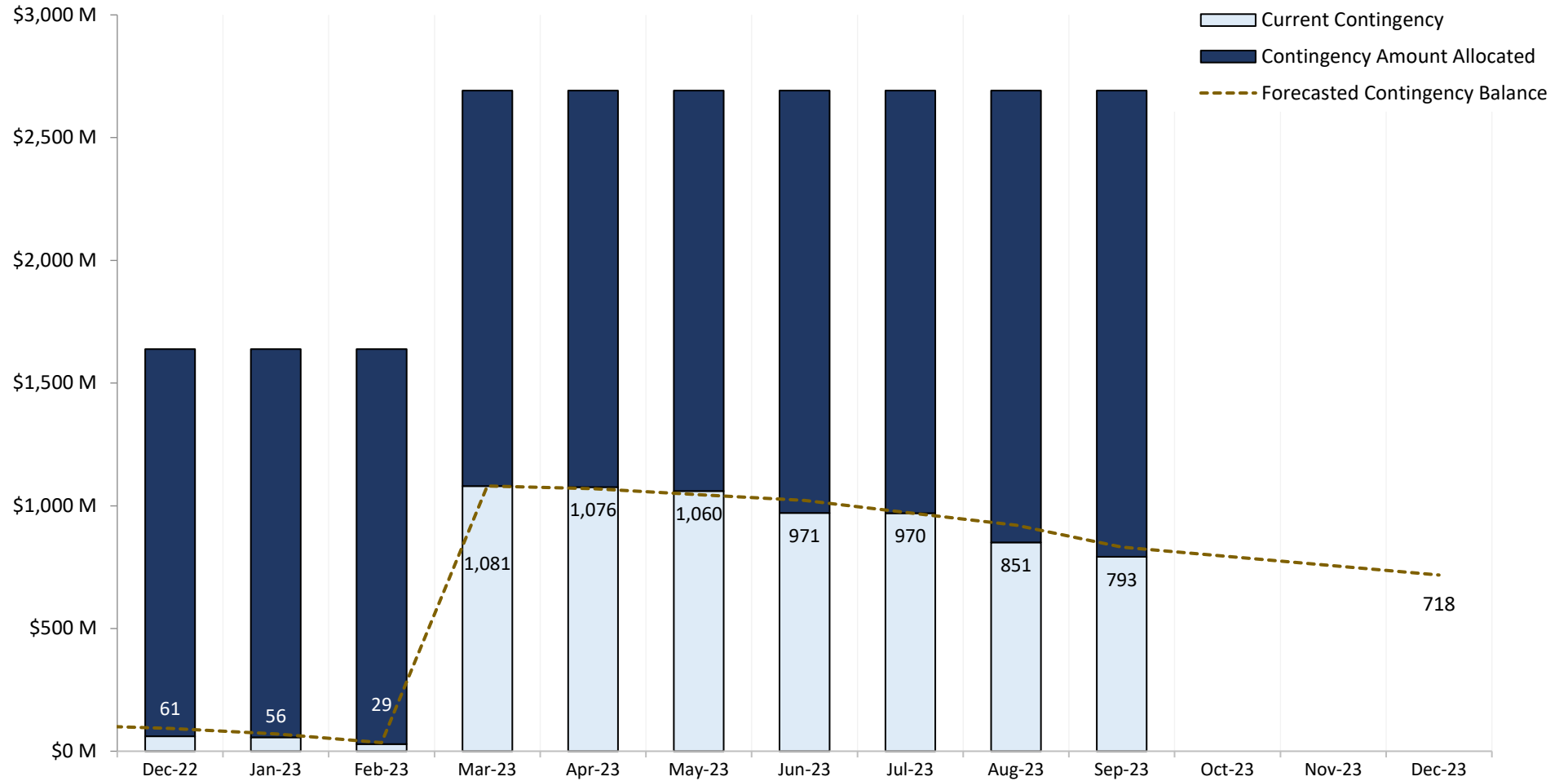
### CP 2-3 – Change Order Status

| CO Number    | Title   | Change Status | Amount                  | Executed Date |
|--------------|---|---------------|-------------------------|---------------|
| 355          | Private Avenue 156 Box Underpass Revisions                  | Executed      | \$7,990,000.00          | 09-26-23      |
| 379          | Vie Del Private Utility Steel Casings – Design Only         | Executed      | \$112,350.00            | 09-25-23      |
| 312.4        | Interim Time Extension                                      | Executed      | \$48,251,469.31         | 09-25-23      |
| 400          | Conejo Ave Viaduct – Interim Change Order                   | Executed      | \$30,000,000.00         | 09-21-23      |
| 369.3        | Tule River Viaduct – Second Interim Change Order            | Executed      | \$42,000,000.00         | 09-21-23      |
| 299          | Retaining Wall at Houston Avenue Grade Separation Structure | Executed      | \$534,725.00            | 09-15-23      |
| 66.1         | Fargo Avenue – West DOT Embankment – Out of Sequence        | Executed      | \$850,000.00            | 09-13-23      |
| 359          | Revision of Type 2 Solid Barrier – Design Only              | Executed      | \$239,698.00            | 09-05-23      |
| <b>TOTAL</b> |   |               | <b>\$129,978,242.31</b> |               |



## CP 2-3 – Risk Contingency

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

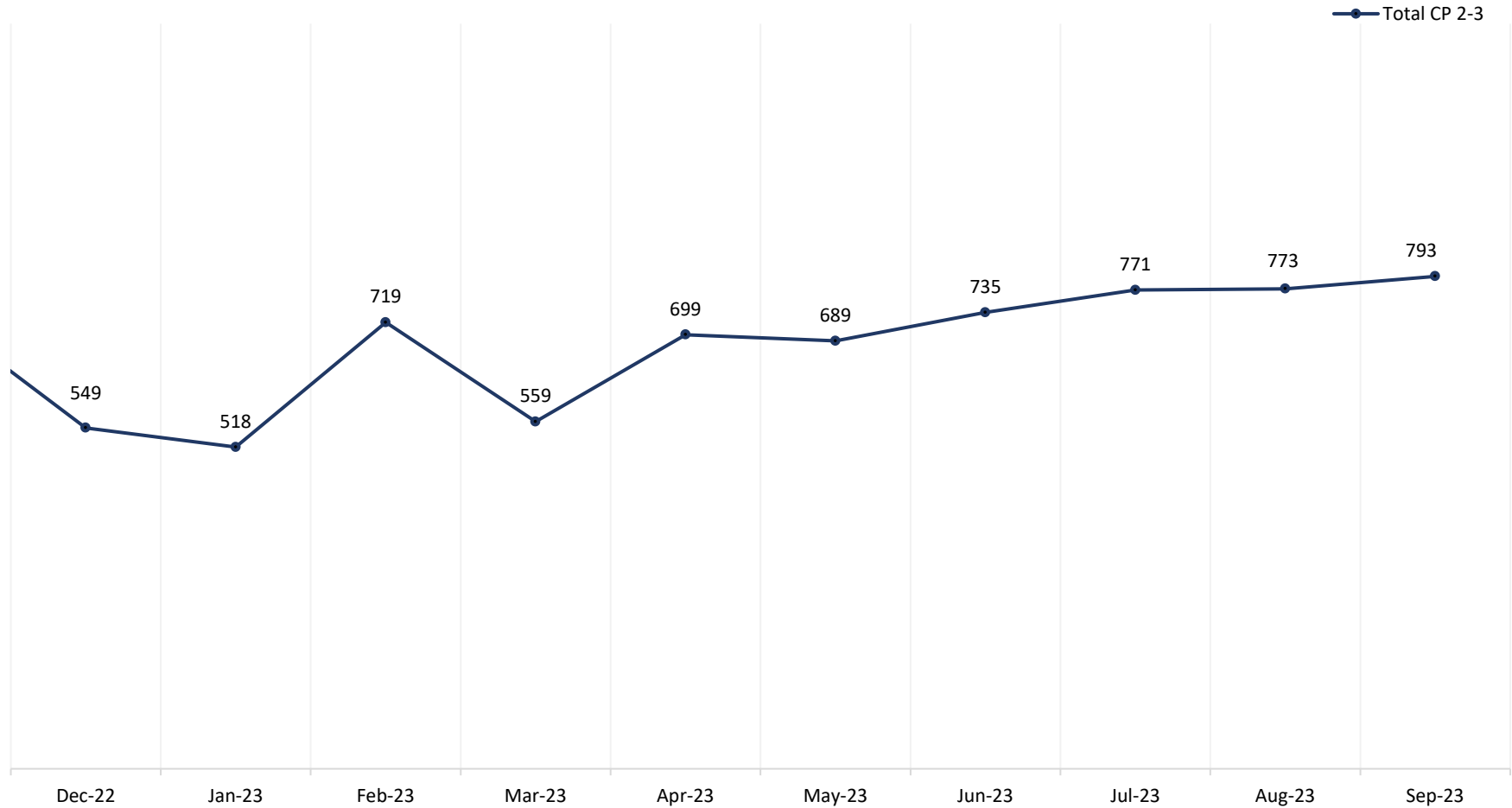


**Notes:**

1. March 2023 reflects the March 16, 2023 Board Expenditure Authorization which increased the total CP 2-3 Contingency to \$2,691.5M.
2. Contingency balance updated to reflect the Board’s adoption of Resolution #HSR23-01 (Expenditure Authorization Increase).
3. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
4. 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)

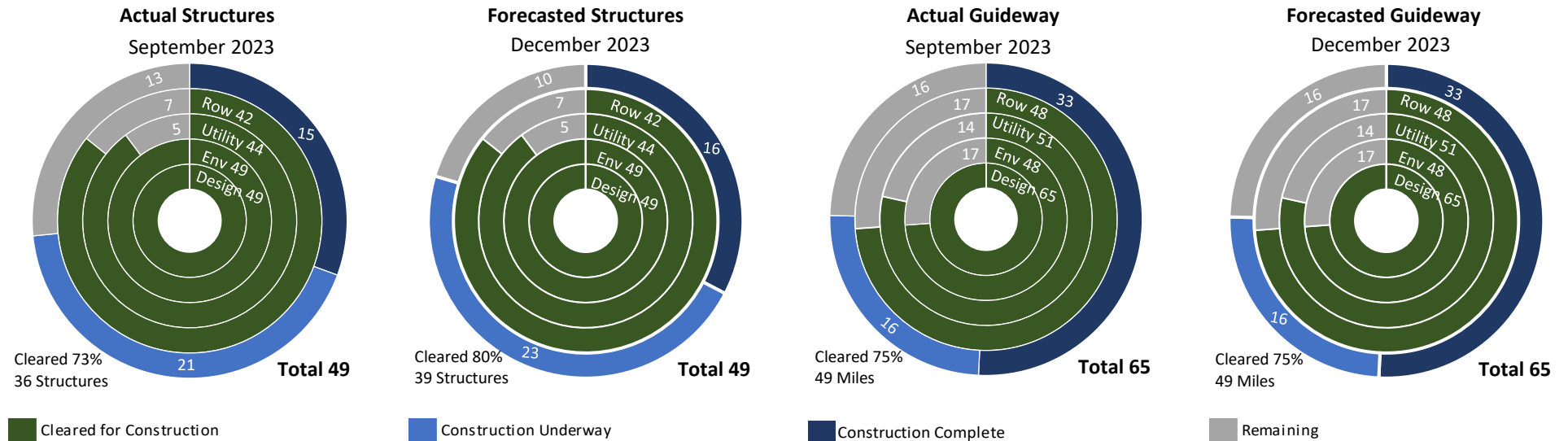


**Notes:**

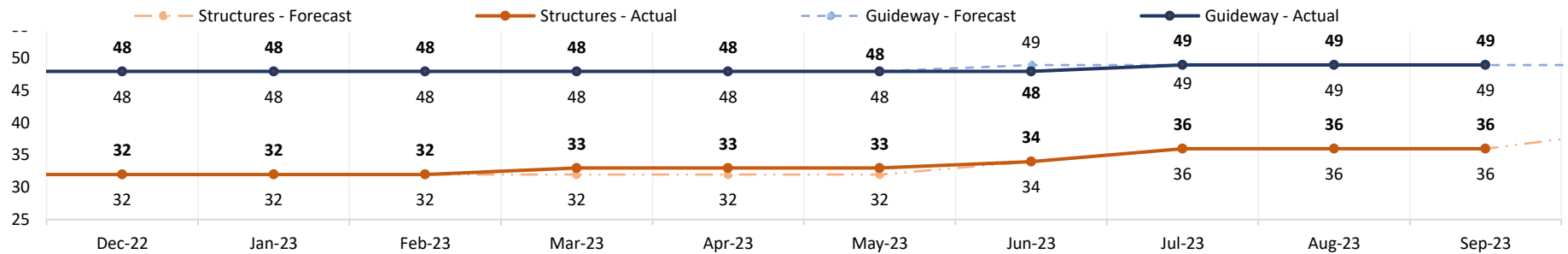
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
2. An increase of 20 workers from the previous month (773).

# CP 2-3 – Construction Progress

## CP 2-3 – Construction Progress



## 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:
  - 36 structures underway/construction complete.
- Total Guideway: 65 miles:
  - 49 miles underway/construction complete.
- 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       | 142                 | 20%         |
| Total Utilities Approved to Start | 0                   | 0%          |
| Total Utilities in Progress       | 68                  | 10%         |
| Total Utilities Relocated         | 491                 | 70%         |
| <b>Total</b>                      | <b>701</b>          | <b>100%</b> |

### CP 2-3 – Summary by Utility Type

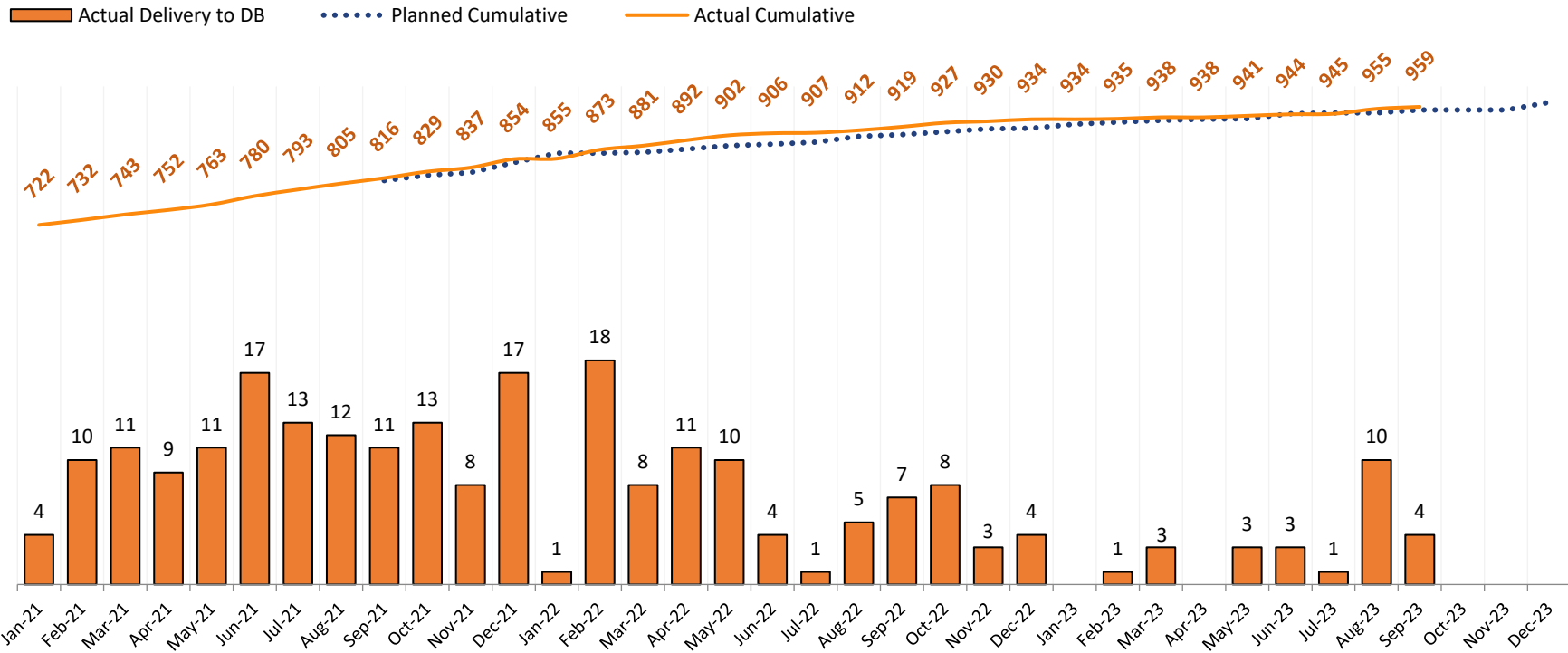
| Utility  | Status            | Utility Relocations | Percentage  |
|----------|-------------------|---------------------|-------------|
| Electric | NOT STARTED       | 102                 | 27%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 32                  | 8%          |
|          | RELOCATED         | 250                 | 65%         |
|          | <b>TOTAL</b>      | <b>384</b>          | <b>100%</b> |
| Gas      | NOT STARTED       | 10                  | 37%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 0                   | 0%          |
|          | RELOCATED         | 17                  | 63%         |
|          | <b>TOTAL</b>      | <b>27</b>           | <b>100%</b> |
| Telecom  | NOT STARTED       | 3                   | 1%          |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 27                  | 12%         |
|          | RELOCATED         | 203                 | 87%         |
|          | <b>TOTAL</b>      | <b>233</b>          | <b>100%</b> |
| Wet      | NOT STARTED       | 27                  | 47%         |
|          | APPROVED TO START | 0                   | 0%          |
|          | IN PROGRESS       | 9                   | 16%         |
|          | RELOCATED         | 21                  | 37%         |
|          | <b>TOTAL</b>      | <b>57</b>           | <b>100%</b> |

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

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

| Construction Package | Total Needed Parcels<br>September 30, 2023 | Total Parcels Delivered to Date<br>September 30, 2023 | Remaining Parcels to be Delivered<br>September 30, 2023 |
|----------------------|--|---|---|
| CP 2-3               | 989  | 959   | 30  |

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



**Notes:**

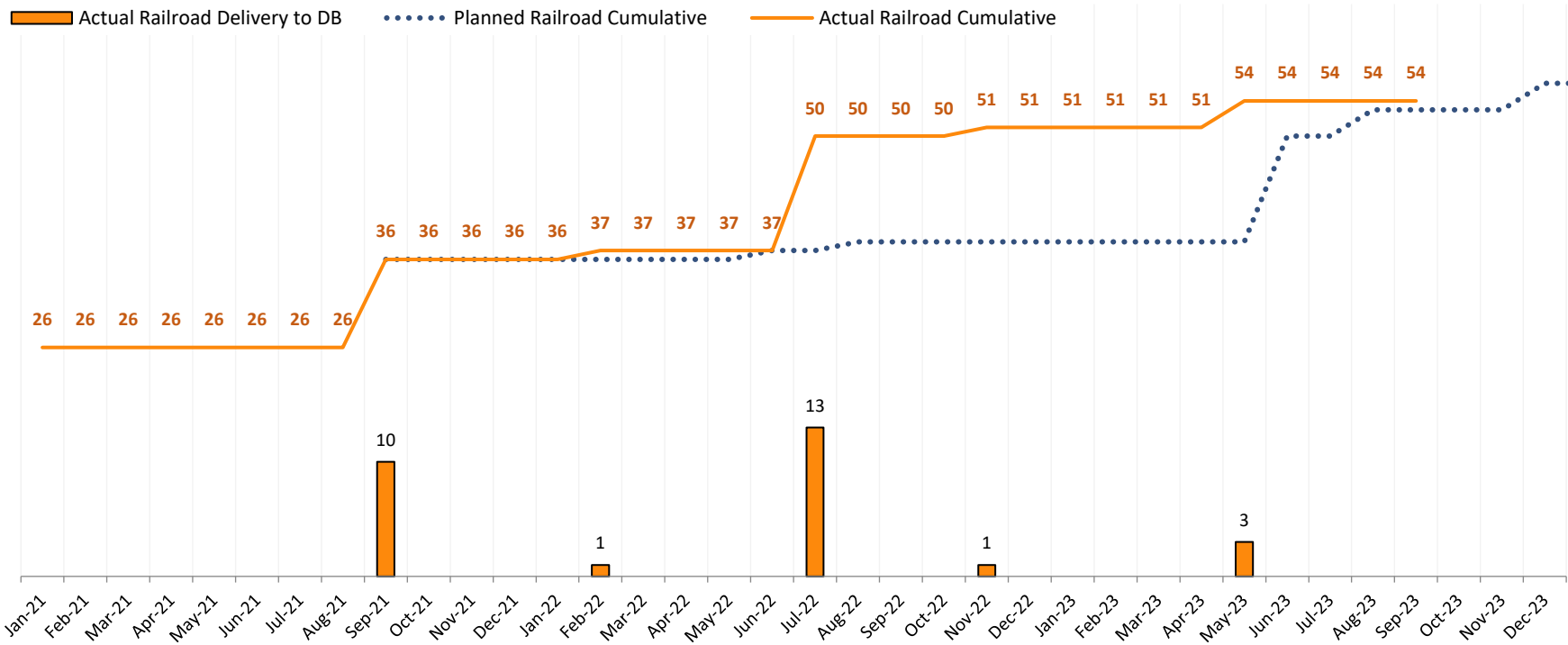
1. This reflects the actual parcels delivered to the Design-Builder by month and forecasts based on Revised Baseline Schedules (RBS) Revision 4.
2. CP2-3 Total Parcels Delivered for Jan-21 was reduced by one parcel due to rescinded parcel delivery from July 2020.

## 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<br>September 30, 2023 | Total Railroad Parcels Delivered to Date<br>September 30, 2023 | Remaining Railroad Parcels to be Delivered<br>September 30, 2023 |
|----------------------|---|--|--|
| CP 2-3               | 58  | 54   | 4  |

### 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 forecast dates.

# CONSTRUCTION PACKAGE 4 (CP 4) OVERVIEW

## CP 4 – Design-Build Contract Summary<sup>(1)</sup>

### Milestones

| Milestone   | Date            |
|---|-----------------|
| Request for Quote (RFQ) Date:                                       | 11/20/2014      |
| Statement of Qualification (SOQ) Date:                              | 01/30/2015      |
| Request for Proposal (RFP) Date:                                    | 05/27/2015      |
| Proposal:   | 11/25/2015      |
| Bid Open Date:  | 01/05/2016      |
| Award Date:   | 02/29/2016      |
| Late Notice to Proceed (LNTP) Date:                                 | 03/01/2016      |
| Notice to Proceed (NTP) Date:                                       | 04/15/2016      |
| Original Completion Date:   | 06/03/2019      |
| Current Forecast Contract Completion Date <sup>(2)</sup> :          | TBD             |
| <b>Current Forecast Construction Completion Date<sup>(2)</sup>:</b> | <b>Nov 2023</b> |

### 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:            | \$324,545,033.54       |
| Current Contract Amount:           | \$768,792,033.54       |
| Approved Invoices to Date:         | \$745,635,265.60       |
| <b>Remaining Contract Balance:</b> | <b>\$23,156,767.94</b> |

### Current Time Status

| Description                                     | Duration |
|---|----------|
| Original Contract Days:                         | 1,144    |
| Extension of Time Awarded <sup>(3)</sup> :      | 1,638    |
| Current Forecast Contract Days <sup>(3)</sup> : | 2,782    |
| Calendar Days Worked (thru 09/30/2023):         | 2,724    |

### Expended to Date

| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 97.9%      |
| Dollars:              | 97.0%      |

### Growth Percentage

| Description           | Percentage |
|-----------------------|------------|
| Time <sup>(3)</sup> : | 143.2%     |
| Dollars:              | 73.1%      |

### Notes:

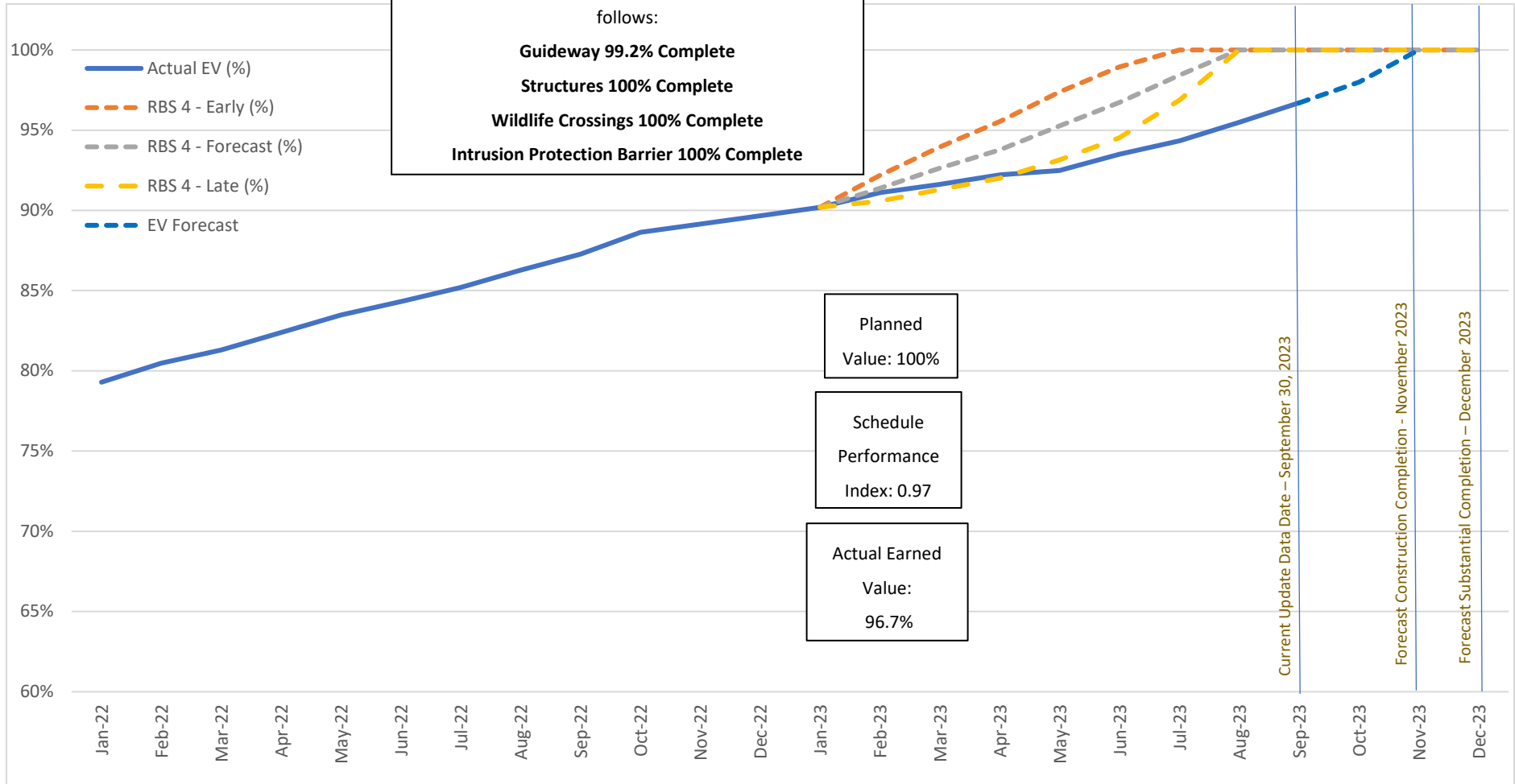
1. Data in this section is sourced from data provided by the PCM – Monthly Status Report.
2. Updated to align with current projected milestone dates of guideway completion while substantial and final completion are pending the agreement of design with the final third-party on canal 9-22 relocation.
3. Contract Time Status (Extension of Time Awarded and Current Forecast Contract Days), Expended to Date (Time), and Growth Percentage (Time) calculation is based on the Current Construction Completion Date.

# CP 4 – Earned Value

## CP 4 – Earned Value Summary (%)

The CP 4 completion forecasts are now primarily dependent on the outcome of one agreement with a third-party. Current forecast of Guideway completion is November 2023 with Substantial Completion before end of year. Given the above, the Project status is as follows:

**Guideway 99.2% Complete**  
**Structures 100% Complete**  
**Wildlife Crossings 100% Complete**  
**Intrusion Protection Barrier 100% Complete**



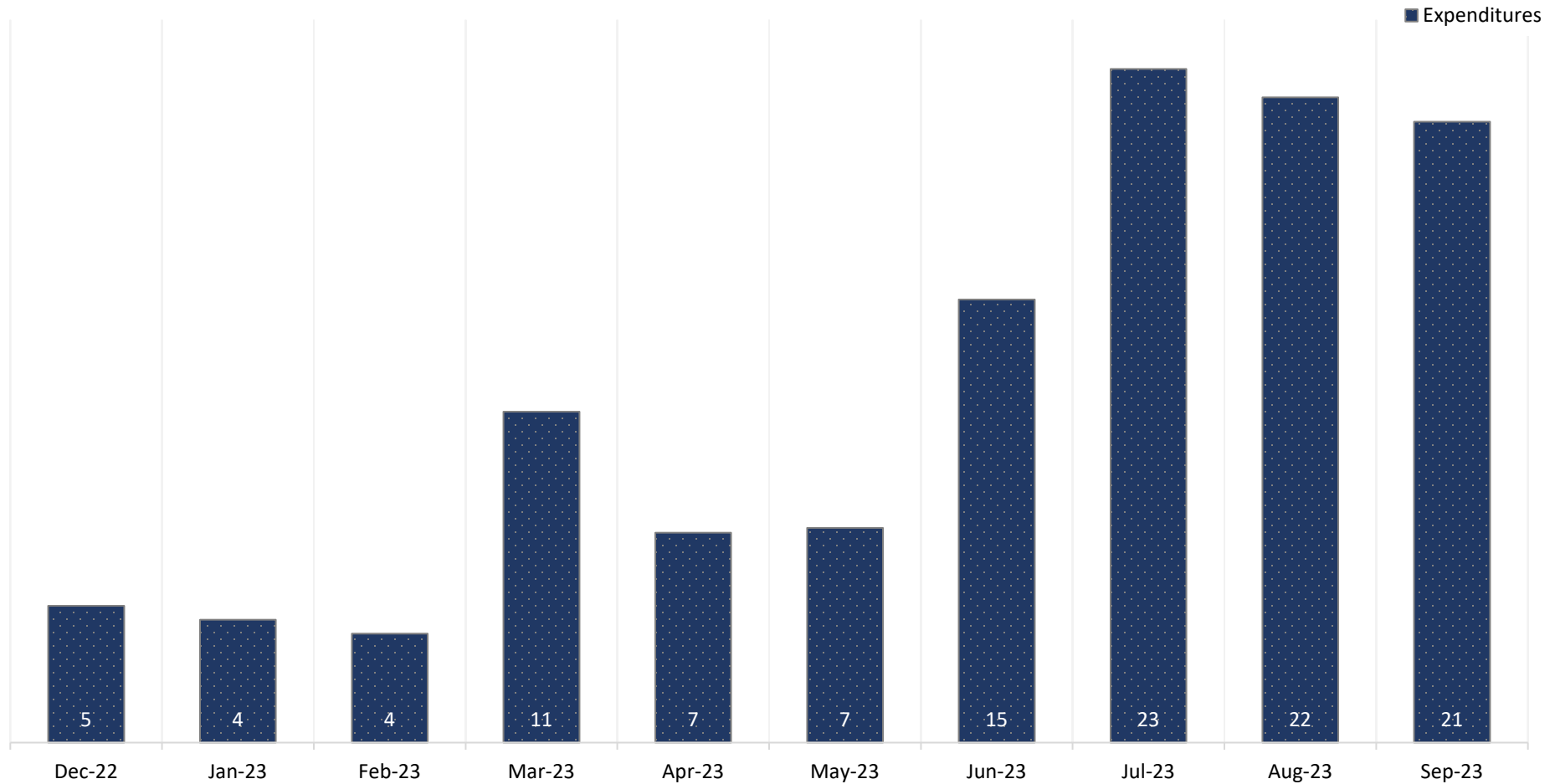
**Notes:**

- Forecast periods are pending review.
- Earned Value represents physical progress of site activities, which is based on project team verification of site progress measurements.
- The early dates graph is optimistic and assumes activities will take place on the schedule early dates.
- Average graph assumes non-critical path activities are taking place mid-way of early and late dates.
- The late dates graph assumes activities will take place on the schedule late dates. If actuals fall below late graph, it indicates schedule slippage. To provide contingency, the Schedule Performance Index (SPI) is measured against the average graph.
- Time contingency is not included in these forecasts. This is Authority owned contingency.



## 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 \$21.5M.

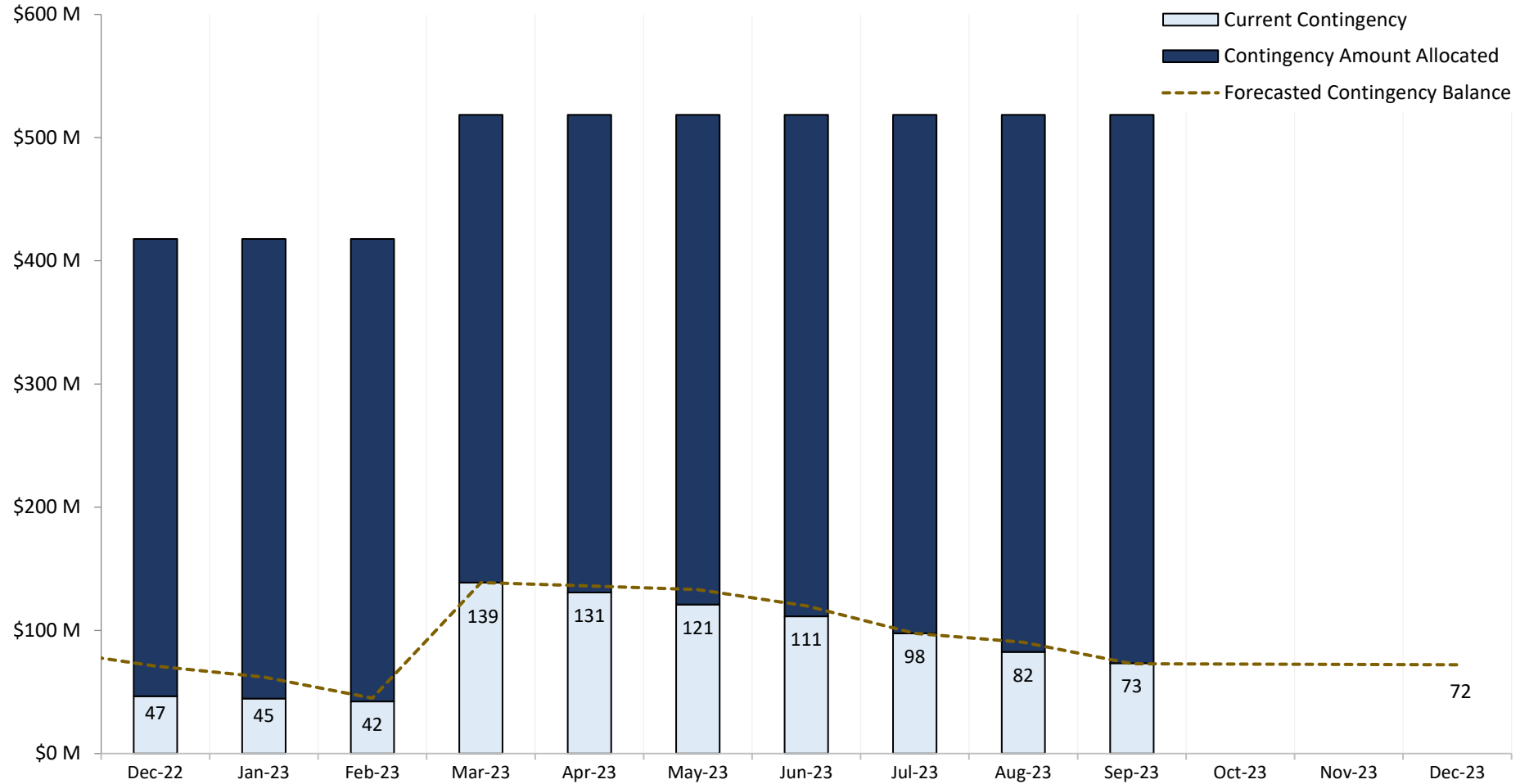
## CP 4 – Change Orders (CO)

### CP 4 – Change Order Status

| CO Number    | Title   | Change Status | Amount                | Executed Date |
|--------------|---|---------------|-----------------------|---------------|
| 32.5.1       | Additional Insurance Premium Costs Beyond May 3, 2023                   | Executed      | \$6,185,950.82        | 09-11-23      |
| 32.5.2       | Escalation Costs - TIA#16 - March 1, 2023 thru June 30, 2023            | Executed      | \$1,560,674.70        | 09-11-23      |
| 207          | Environmental Monitoring Additional Costs from March 2023 to April 2023 | Executed      | \$401,027.92          | 09-11-23      |
| 209          | Reimbursement of CDFW Fees  | Executed      | \$17,101.28           | 09-18-23      |
| 211          | Solid Barrier Additional Costs  | Executed      | \$77,084.41           | 09-25-23      |
| 212          | City of Wasco G Street Lighting   | Executed      | \$816,089.00          | 09-25-23      |
| <b>TOTAL</b> |   |               | <b>\$9,057,928.13</b> |               |

## CP 4 – Risk Contingency

### CP 4 – Risk Contingency Status (\$ Millions)

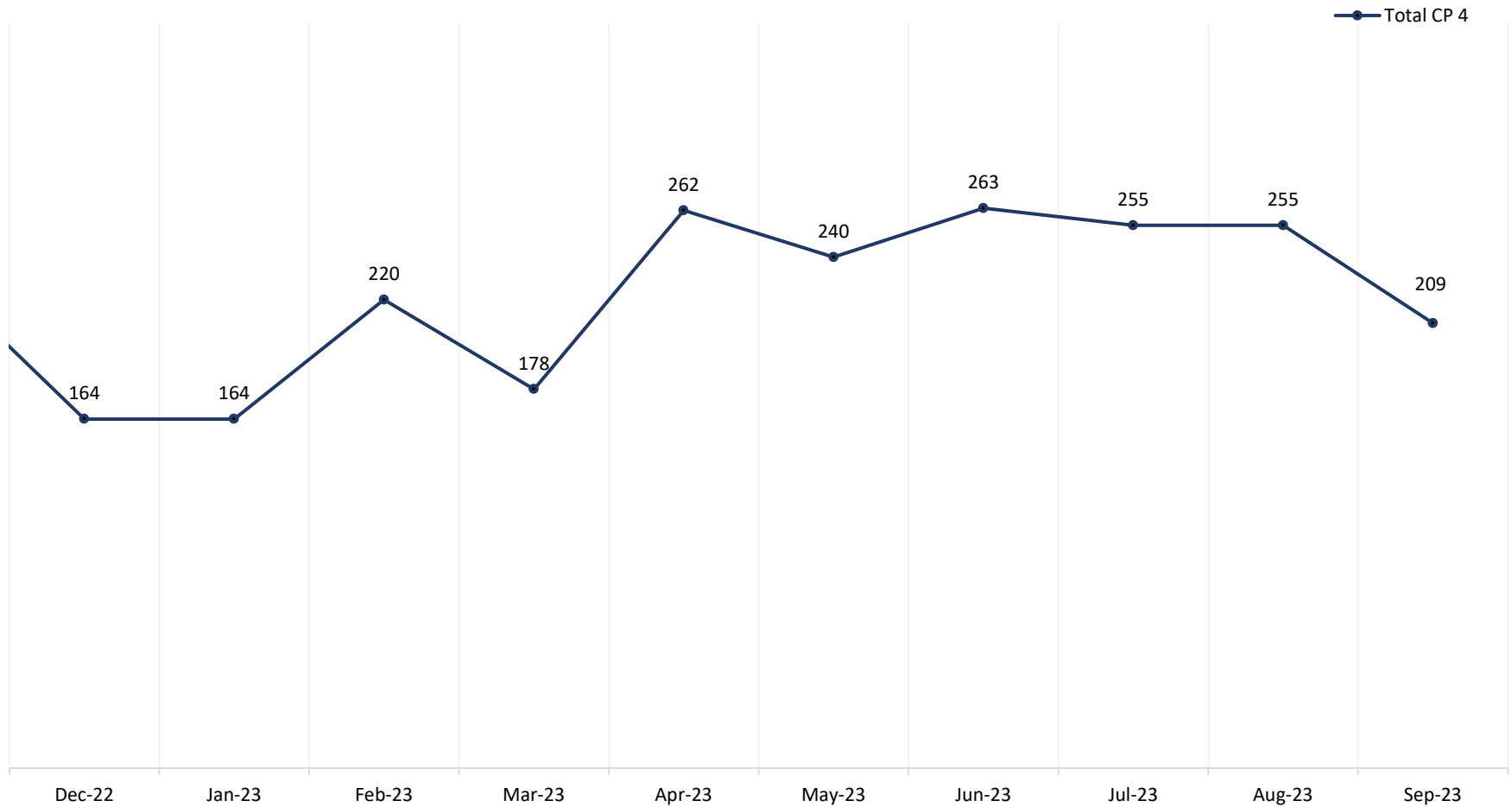


**Notes:**

1. March 2023 reflects the March 16, 2023 Board Expenditure Authorization which increased the total CP 4 Contingency to \$518.5M.
2. Contingency balance updated to reflect the Board's adoption of Resolution #HSR23-01 (Expenditure Authorization Increase).
3. Contingency Amount Allocated reflects executed change orders and Business Oversight Committee (BOC) approved items.
4. 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)

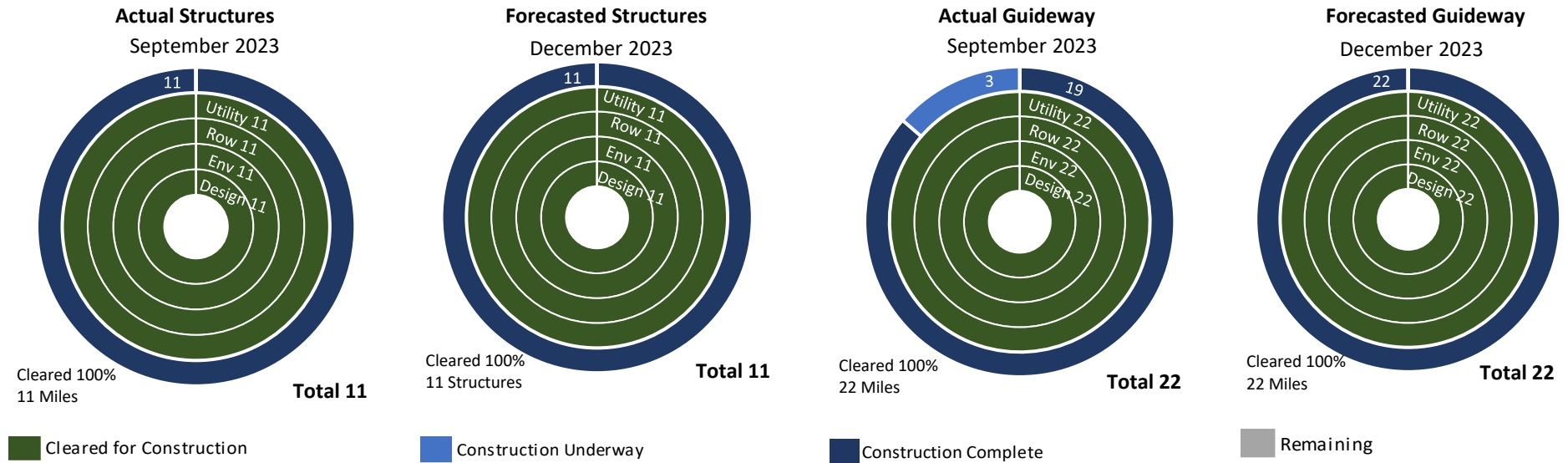


**Notes:**

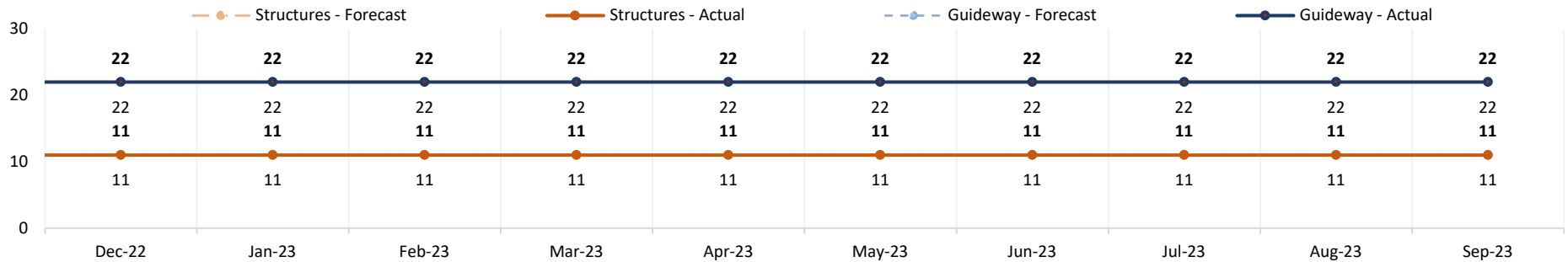
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
2. A decrease of 46 from the previous month (255).

# CP 4 – Construction Progress

## CP 4 – Construction Progress



## 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. One mile of guideway completed in September 2023.

## 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       | 21                  | 15%         |
| Total Utilities Relocated         | 122                 | 85%         |
| <b>Total</b>                      | <b>143</b>          | <b>100%</b> |

### CP 4 – Summary by Utility Type

| Utility         | Status            | Utility Relocations | Percentage  |
|-----------------|-------------------|---------------------|-------------|
| <b>Electric</b> | NOT STARTED       | 0                   | 0%          |
|                 | APPROVED TO START | 0                   | 0%          |
|                 | IN PROGRESS       | 1                   | 2%          |
|                 | RELOCATED         | 61                  | 98%         |
|                 | <b>TOTAL</b>      | <b>62</b>           | <b>100%</b> |
| <b>Gas</b>      | NOT STARTED       | 0                   | 0%          |
|                 | APPROVED TO START | 0                   | 0%          |
|                 | IN PROGRESS       | 0                   | 0%          |
|                 | RELOCATED         | 7                   | 100%        |
|                 | <b>TOTAL</b>      | <b>7</b>            | <b>100%</b> |
| <b>Telecom</b>  | NOT STARTED       | 0                   | 0%          |
|                 | APPROVED TO START | 0                   | 0%          |
|                 | IN PROGRESS       | 0                   | 0%          |
|                 | RELOCATED         | 32                  | 100%        |
|                 | <b>TOTAL</b>      | <b>32</b>           | <b>100%</b> |
| <b>Wet</b>      | NOT STARTED       | 0                   | 0%          |
|                 | APPROVED TO START | 0                   | 0%          |
|                 | IN PROGRESS       | 20                  | 48%         |
|                 | RELOCATED         | 22                  | 52%         |
|                 | <b>TOTAL</b>      | <b>42</b>           | <b>100%</b> |

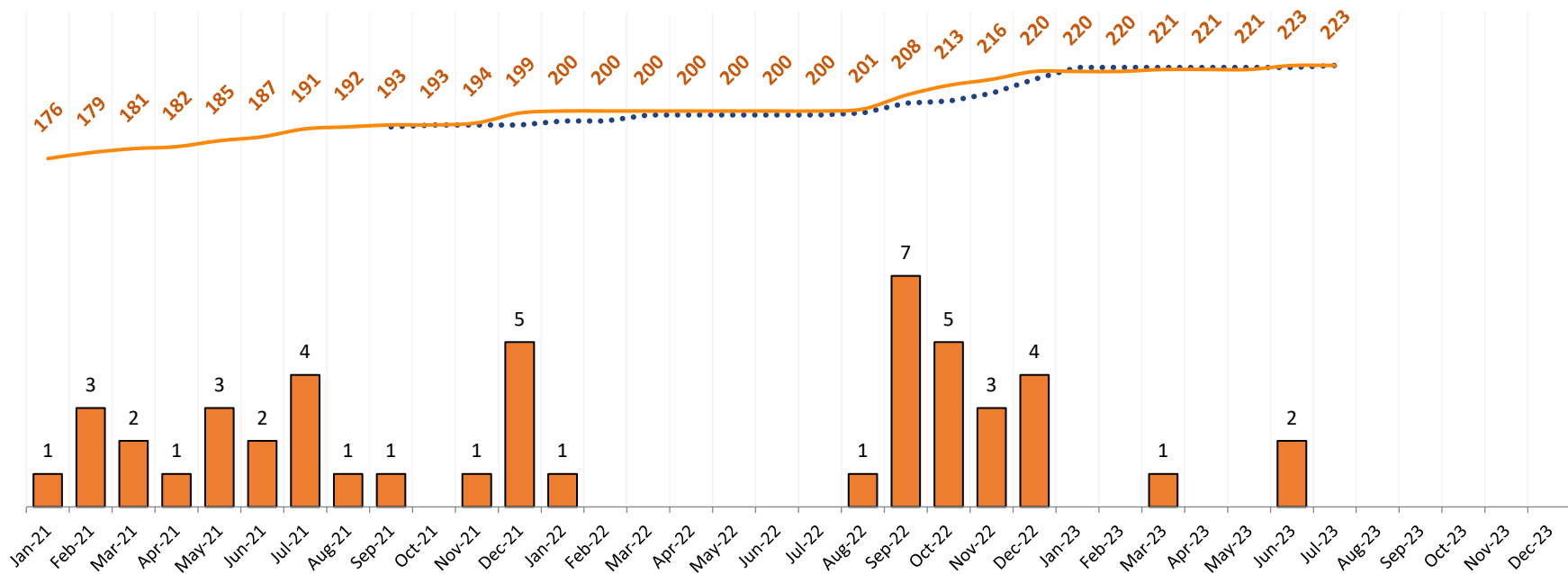
## CP 4 – Real Property/Right-of-Way (ROW)

### CP 4 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels<br>September 30, 2023 | Total Parcels Delivered to Date<br>September 30, 2023 | Remaining Parcels to be Delivered<br>September 30, 2023 |
|----------------------|--|---|---|
| CP 4                 | 223  | 223   | 0   |

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

■ Actual Delivery to DB    
 ●●●●● Planned Cumulative    
 — Actual Cumulative



**Notes:**

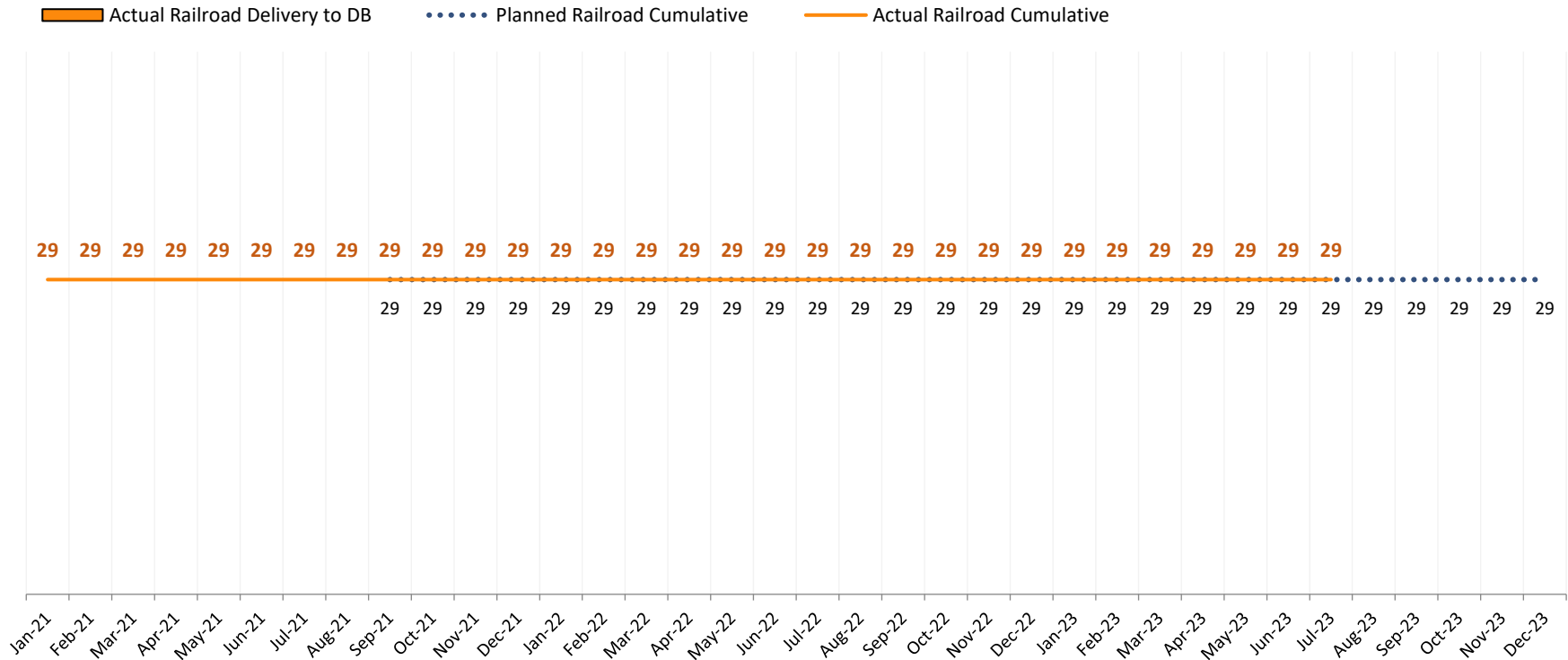
1. This reflects the actual parcels delivered to the Design-Builder by month compared to the Revised Baseline Schedule (RBS) Revision 3.

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

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

| Construction Package | Total Needed Railroad Parcels<br>September 30, 2023 | Total Railroad Parcels Delivered to Date<br>September 30, 2023 | Remaining Railroad Parcels to be Delivered<br>September 30, 2023 |
|----------------------|---|--|--|
| 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)

| 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 |                     |
|-------------------|-------------------------------------|--------------------------|-------------------------------------|---------------|--------------------------------|---------------|---|---------------|-------------------------------|-------------------------------|----------------------------------|-------------------------------|------------------------------|---------------------|
|                   |                                     |                          | Number                              | Section       | Due Dates                      | Last Month    | Current   | Last Month    | Current                       | Last Month                    | Current                          | Last Month                    | Current                      | Last Month          |
| Document Complete | Merced to Fresno                    | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | Fresno to Bakersfield               | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | CV Electrical Interconnections      | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | Locally Generated Alternative (F-B) | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | Central Valley Wye (M-F)            | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | Bakersfield to Palmdale             | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | Burbank to Los Angeles              | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | San Jose to Merced                  | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| Document Complete | San Francisco to San Jose           | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Complete 100%                    | Complete 100%                 | Complete 100%                | Complete 100%       |
| <b>1</b>          | Los Angeles to Anaheim              | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Oct-24<br>Oct-24 <sup>1</sup> | Oct-24<br>Oct-24 <sup>1</sup> | Nov-25<br>Nov-25 <sup>1</sup>    | Nov-25<br>Nov-25 <sup>1</sup> | Dec-25 <sup>1</sup>          | Dec-25 <sup>1</sup> |
| <b>2</b>          | Palmdale to Burbank                 | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | Complete 100%   | Complete 100% | Complete 100%                 | Complete 100%                 | Dec-23<br>Dec-23                 | Dec-23<br>Dec-23              | Feb-24                       | Feb-24              |
| <b>3</b>          | Heavy Maintenance Facility (HMF)    | Plan Forecast % Complete | Complete 100%                       | Complete 100% | Complete 100%                  | Complete 100% | TBD   | TBD           | TBD                           | TBD                           | TBD                              | TBD                           | TBD                          | TBD                 |

**Note:**

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

## Project Development – Key Actions

### Project Development (Environmental Clearance) – Key Actions Summary

| Project Section                      | Key Actions   |
|--------------------------------------|---|
| <b>San Francisco To San Jose</b>     | Environmental Clearance activities complete. Authority is currently in settlement discussions for ongoing litigation activities.  |
| <b>San Jose To Merced</b>            | 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.  |
| <b>Central Valley Wye</b>            | Conducted monthly progress meeting with County of Madera on Fairmead mitigation projects.<br>Environmental Clearance activities complete. Transition to Merced Extension (Merced to Madera).  |
| <b>Locally Generated Alternative</b> | Environmental Clearance activities complete. Transition to Bakersfield Extension (LGA).   |
| <b>Bakersfield To Palmdale</b>       | 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.   |
| <b>Palmdale To Burbank</b>           | Regional Consultant is preparing the Administrative Final EIR/EIS for review and approval by the Authority prior to being submitted to the Cooperating Agencies. Major activities on this project section included preparing response to comments received on the Draft EIR/EIS and preparing permitting documents.                 |
| <b>Burbank To Los Angeles</b>        | Work through NOD/ROD has been completed. Project closeout activities are ongoing. Authority is currently in settlement discussions for ongoing litigation activities.   |
| <b>Los Angeles To Anaheim</b>        | The LA-A team is finalizing a Supplemental Alternative Analysis (SAA) which evaluates potential project alternatives and recommends alternatives or options to advance for further study in the Draft EIR/EIS. SAA is anticipated to be finished in October 2023 and a board briefing is scheduled for November 2023 board meeting. |

### Project Development (Post-ROD) – Key Actions Summary

| Project Section  | Key Actions  |
|--|--|
| <b>Merced Extension (Merced to Madera)</b>                       | Stantec Inc. under agreement HSR 22-02, continues to make progress on the 30% design goals for this Project. Stantec will have the Draft Configuration Footprint completed by December of 2023. On August 24, 2023, various Subject Matter Experts from the Authority met with Stantec to determine the format and content of the Draft Configuration Footprint. Third Party coordination is advancing with the local agencies and utility companies. It is expected Stantec will submit to the Authority the Draft Configuration Footprint, one of the big deliverables, in October 2023. |
| <b>Fresno to Bakersfield Locally Generated Alternative (LGA)</b> | HNTB Corporation (HNTB), under agreement HSR 22-01, continues to make progress on the 30% design goals for this Project. The LGA was awarded the CRISI Grant to design and construct 6 Grade Separations within the City of Shafter. Third Party coordination is advancing with the local agencies and utility companies. Initial designs for the BNSF shoofly and elevated track designs have been discussed with and provided to the BNSF team.  |