



Finance & Audit Committee

CENTRAL VALLEY STATUS REPORT

Supplemental Committee Report March 21, 2024 (data through January 31, 2024)

Executive Summary

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

- January 2024 Expenditures totaled \$41.7M:
 - Construction Package 1 (Page 14) - Expenditures totaled \$14.8M.
 - Construction Package 2-3 (Page 23) - Expenditures totaled \$19.6M.
 - Construction Package 4 (Page 32) - Expenditures totaled \$7.3M.
- Total CP Cumulative Actual Expenditures (Pages 12, 22, and 31) – \$5,657.7M.
- Total Cumulative Current Contract Amount (Pages 12, 22, and 31) – \$7,837.9M.

Change Orders

- Executed Change Orders this period – 16 for a total of \$83.5M:
 - Construction Package 1 (Page 15) – Seven for a total of \$67.7M.
 - Construction Package 2-3 (Page 24) – Three for a total of \$6.8M.
 - Construction Package 4 (Page 33) – Six for a total of \$8.9M.

Risk Contingency ([Page 5](#))

- Approved Contingency – \$6,103.9M budgeted contract contingency. Contingency balance is \$1,070.2M as of data date.
 - Construction Package 1 (Page 16) – \$2,853.4M budgeted contract contingency. Contingency balance is \$403.9M as of data date.
 - Construction Package 2-3 (Page 25) – \$2,712.5M budgeted contract contingency. Contingency balance is \$598.7M as of data date.
 - Construction Package 4 (Page 34) – \$538.0M budgeted contract contingency. Contingency balance is \$67.6M as of data date.

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

- January 2024, Average Daily Site Workers (by Week) – 1,315 workers. A decrease of 100 workers from the previous period (1,415):
 - Construction Package 1 (Page 17) – 312 workers. A decrease of 8 workers from the previous month (320).
 - Construction Package 2-3 (Page 26) – 851 workers. A decrease of 36 workers from the previous month (887).
 - Construction Package 4 (Page 35) – 152 workers. A decrease of 56 workers from the previous month (208).
- 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 – 78 underway/construction complete (33 underway, 45 completed) compared to 93 structures total (84%). No change from the previous period.
 - Construction Package 1 – 28 structures underway/construction complete (10 underway, 18 completed).
 - Construction Package 2-3 – 39 structures underway/construction complete (23 underway, 16 completed).
 - Construction Package 4 – 11 of 11 structures completed.
- Guideway – 91 miles underway/construction complete (35 underway, 56 completed) compared to 119 miles total (76%). No change from the previous period.
 - 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 (1 underway, 21 completed).

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

- Relocated: 1,250 (68%); In Progress: 296 (16%); Approved to Start: 0 (0%); Not Started: 290 (16%); Total: 1,836. A total of 18 relocated in January 2024. A sequence of activities must be completed to begin utility relocation work. These activities include environmental clearance, executed third-party agreement(s), design approval, construction work plans, pre-construction walkthroughs, acquisition of real property, and/or land right conveyances:
 - Construction Package 1 – Relocated: 623 (62%); In Progress: 204 (21%); Approved to Start: 0 (0%); Not Started: 165 (17%); Total: 992.
 - Construction Package 2-3 – Relocated: 499 (71%); In Progress: 77 (11%); Approved to Start: 0 (0%); Not Started: 125 (18%); Total: 701.
 - Construction Package 4 – Relocated: 128 (90%); In Progress: 15 (10%); 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 – 2,260 parcels compared to an estimated 2,294 parcels needed.
- Parcels Delivered to Design-Builder (DB) – Zero parcels in January 2024.
- Construction Packages 1-4 – Zero parcels added for CP 1-4 and zero parcels removed. 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 – 148 parcels delivered compared to an estimated 171 total railroad parcels needed.
- Railroad Parcels Delivered to Design-Builder – One parcel in January 2024.

Project Development (Environmental Clearance) Schedule – Notice of Determination (NOD)/Record of Decision (ROD) ([Pages 40 - 41](#))

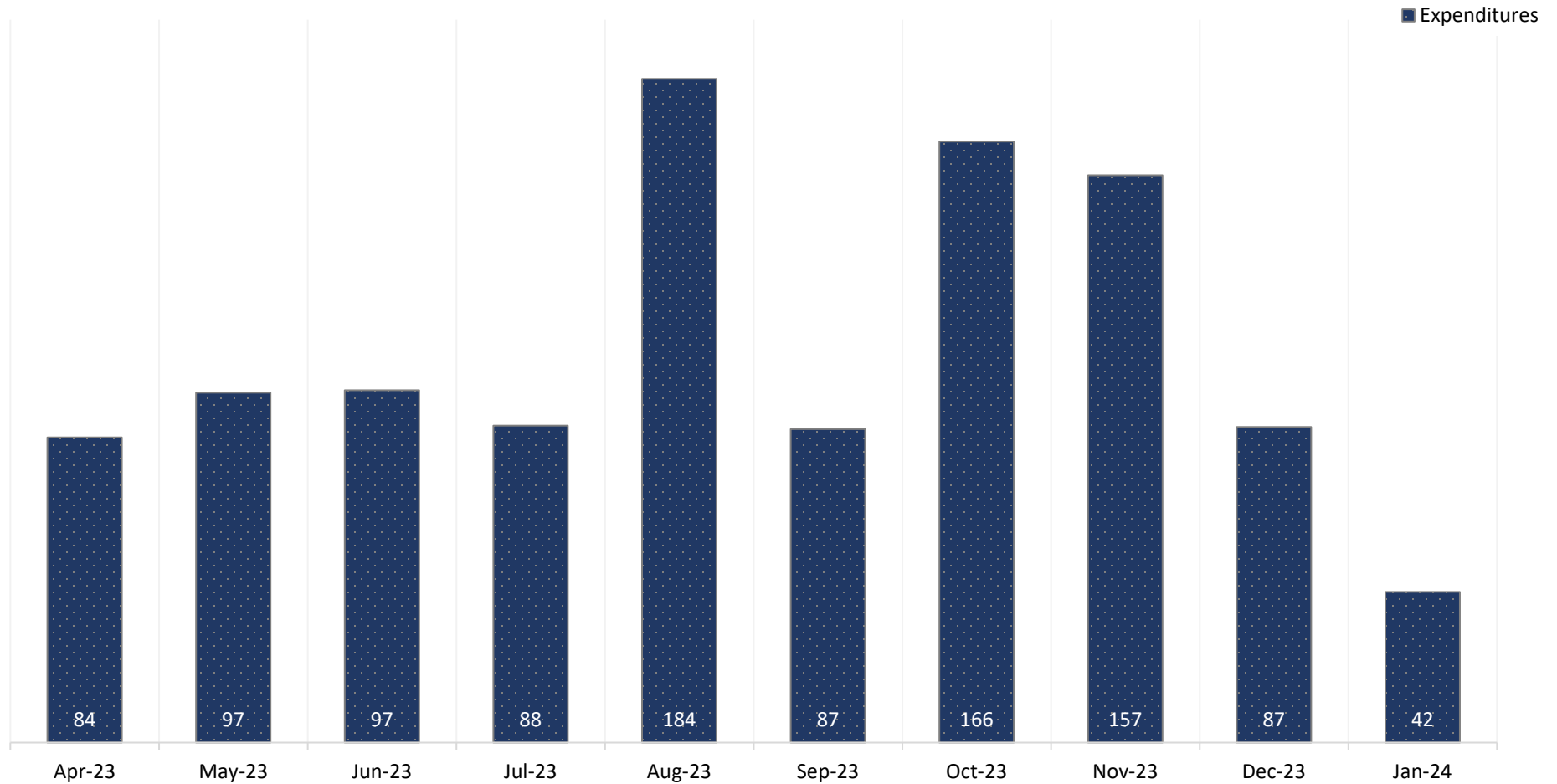
- San Francisco to San Jose – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- San Jose to Merced – Work through NOD/ROD has been completed. Staff finalizing the Administrative Record.
- Bakersfield to Palmdale – Work through NOD/ROD has been completed. Continued meeting with key stakeholders, including the Center for Biological Diversity.
- Palmdale to Burbank – Final set of comments on the Administrative Final Environmental Impact Report (EIR)/Environmental Impact Statement (EIS) were received from the Cooperating Agencies on January 8, 2024. Major activities on this project section included finalizing response to comments, preparing the Final 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 ([Pages 41 - 42](#))

- 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). NTP-2 (to advance to 100% design and construction ready documents in Stage 4) was approved by the Board on January 18, 2024.
- 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. NTP-2 (to advance to 100% design and construction ready documents in Stage 4) was approved by the Board on February 29, 2024.

CP 1-4 – Design-Build Expenditures

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

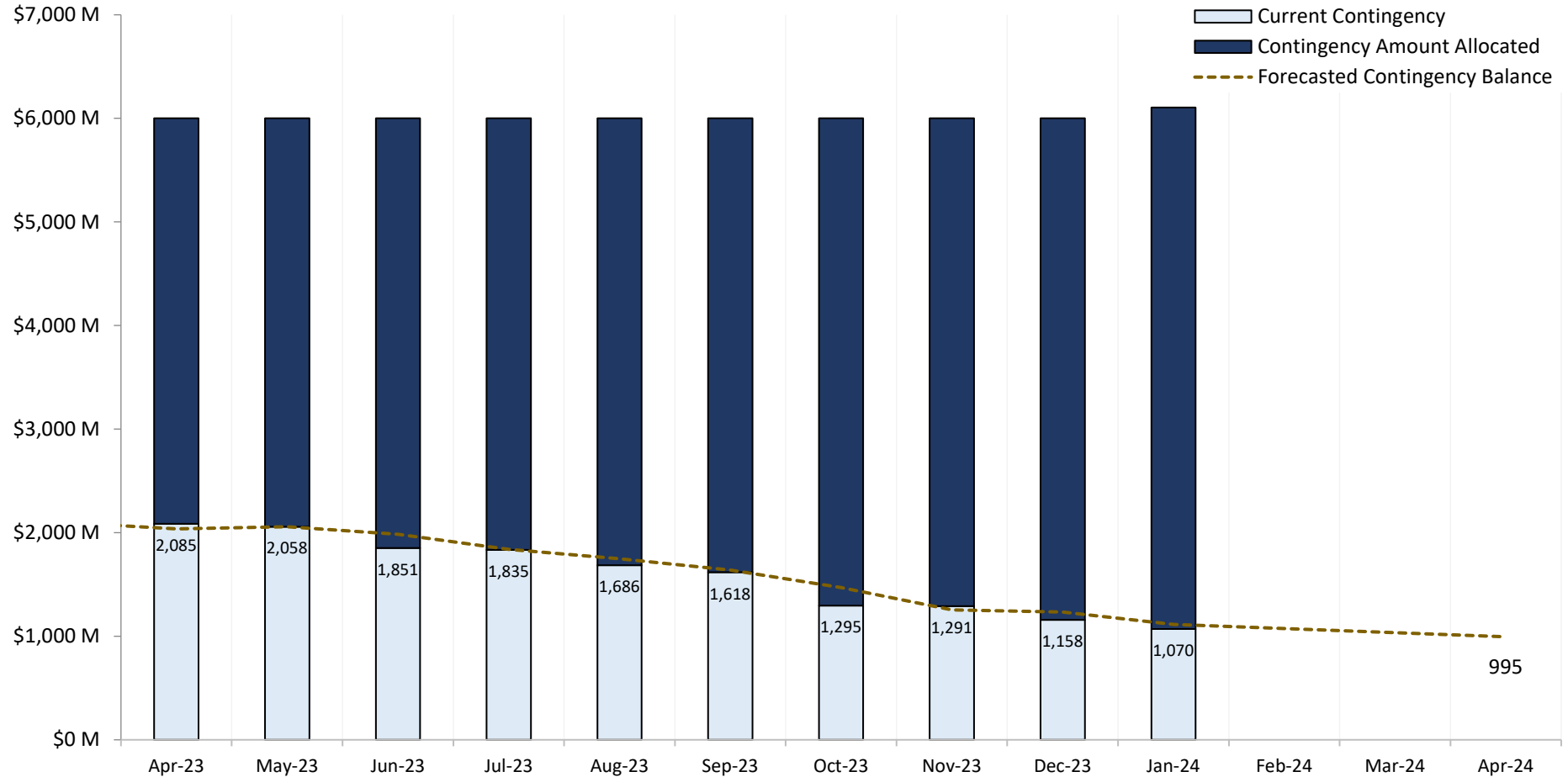


Notes:

1. January 2024 Expenditures totaled \$41.7M:
 - a. Construction Package 1 – Expenditures totaled \$14.8M.
 - b. Construction Package 2-3 – Expenditures totaled \$19.6M.
 - c. Construction Package 4 – Expenditures totaled \$7.3M.

CP 1-4 – Risk Contingency

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

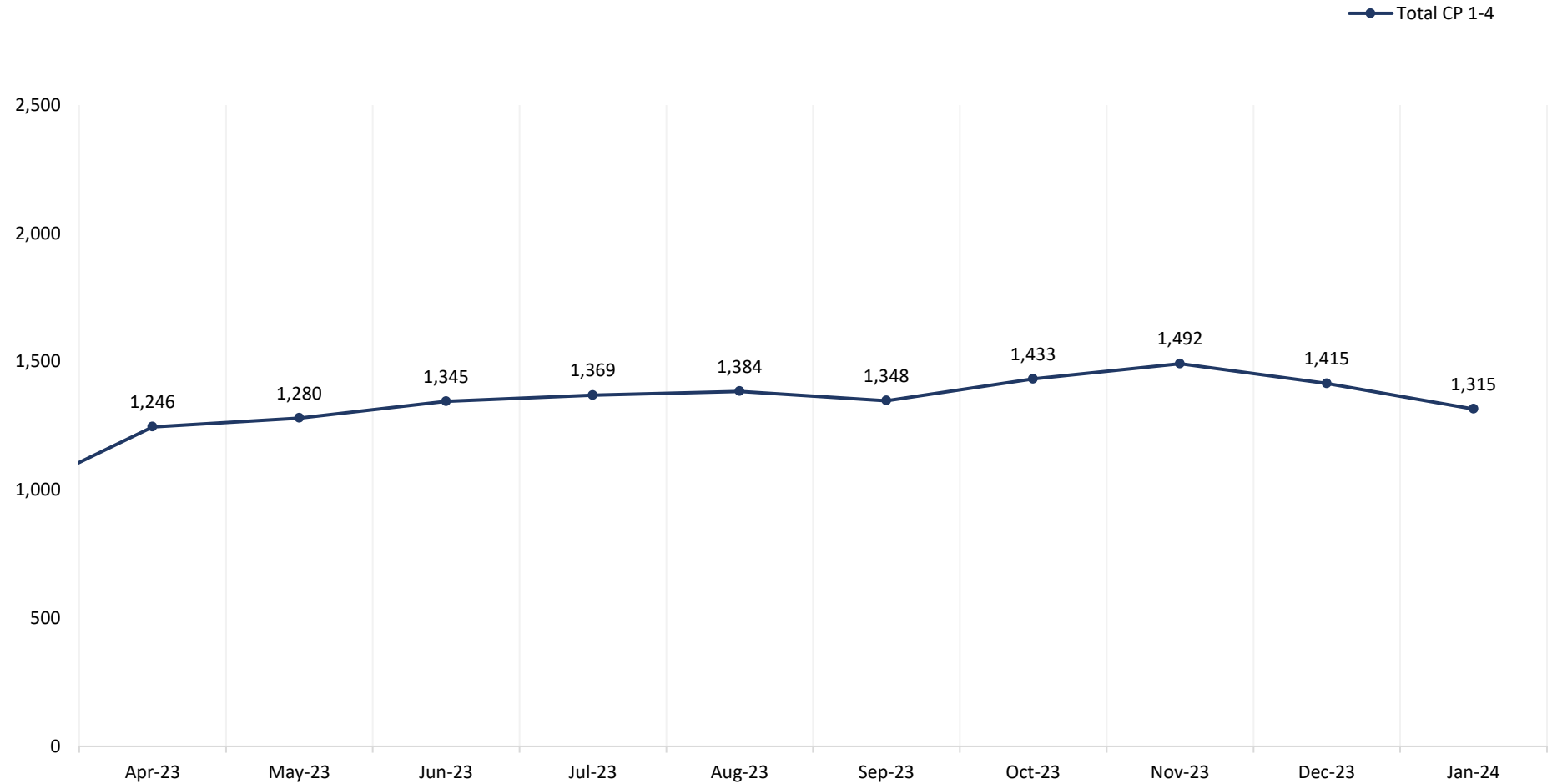


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 1, CP 2-3, and CP 4 budgeted contract contingency to \$6,103.9 M.
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)

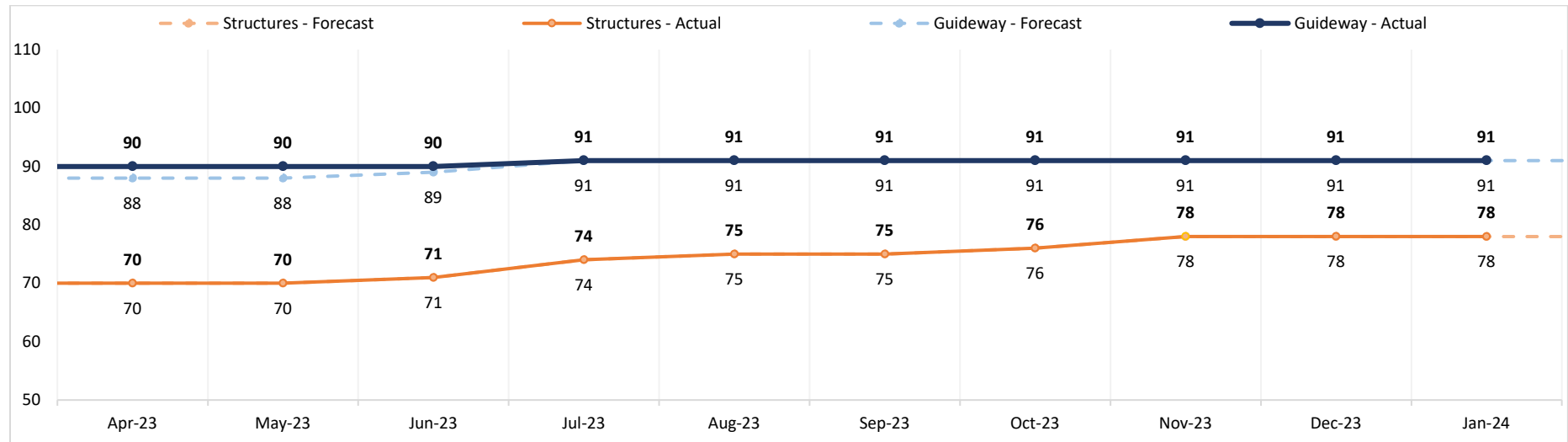


Notes:

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. January 2024, Average Daily Site Workers (by week) – 1,315 workers. A decrease of 100 workers from the previous period (1,415).
 - a. Construction Package 1 (Page 17) – 312 workers. A decrease of 8 workers from the previous month (320).
 - b. Construction Package 2-3 (Page 26) – 851 workers. A decrease of 36 workers from the previous month (887).
 - c. Construction Package 4 (Page 36) – 152 workers. A decrease of 56 workers from the previous month (208).

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 | |
| Guideway | 18 | 2 | 16 | 33 | 1 | 21 | 35 | 56 | 91 |
| Structures | 10 | 18 | 23 | 16 | 0 | 11 | 33 | 45 | 78 |

Notes:

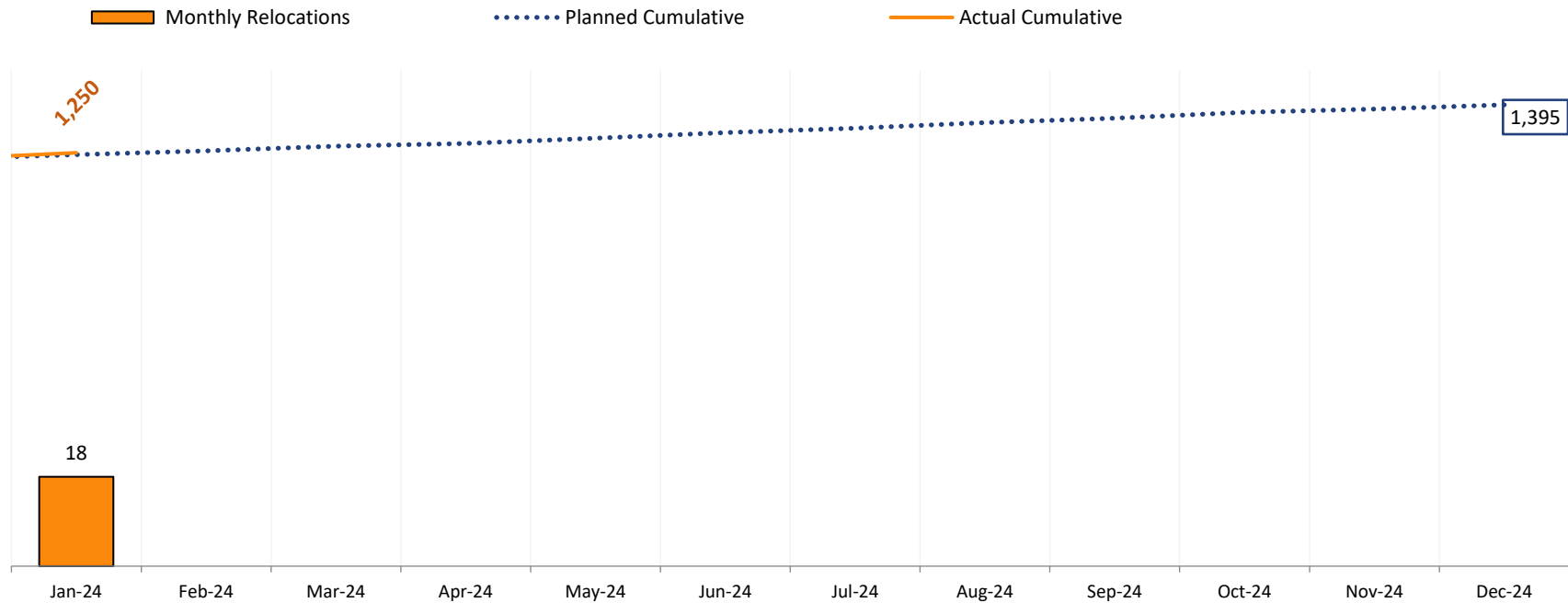
1. Construction Complete definition:
 - a. Structure Completion – all concrete work is complete.
 - b. Guideway Completion – earthworks complete with rough grading.
2. Total Structures: 93
3. Structures – 78 underway/construction complete compared to 93 structures total (84%).
 - a. CP 1 – 28 structures underway/construction complete.
 - b. CP 2-3 – 39 structures underway/construction complete.
 - c. CP 4 – 11 of 11 structures completed.
4. Total Guideway: approximately 119 miles
5. Guideway – 91 miles underway/construction complete compared to 119 miles total (76%).
 - a. CP 1 – 20 miles underway/construction complete.
 - b. CP 2-3 – 49 miles underway/construction complete.
 - c. 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.

CP 1-4 – Utility Relocations

CP 1-4 – Utility Relocation Summary

| Construction Package | Total Relocations January 31, 2024 | Total Utilities Relocated to Date January 31, 2024 | Remaining Utility Relocations January 31, 2024 |
|----------------------|---------------------------------------|---|---|
| CP 1 | 992 | 623 | 369 |
| CP 2-3 | 701 | 499 | 202 |
| CP 4 | 143 | 128 | 15 |
| Total | 1,836 | 1,250 | 586 |

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 | 100 | 0 | 169 | 26% |
| | APPROVED TO START | 0 | 0 | 0 | 0 | 0% |
| | IN PROGRESS | 27 | 32 | 0 | 59 | 9% |
| | RELOCATED | 119 | 252 | 62 | 433 | 65% |
| | TOTAL | 215 | 384 | 62 | 661 | 100% |
| Gas | NOT STARTED | 17 | 10 | 0 | 27 | 22% |
| | APPROVED TO START | 0 | 0 | 0 | 0 | 0% |
| | IN PROGRESS | 26 | 0 | 0 | 26 | 21% |
| | RELOCATED | 48 | 17 | 7 | 72 | 57% |
| | TOTAL | 91 | 27 | 7 | 125 | 100% |
| Telecom | NOT STARTED | 32 | 2 | 0 | 34 | 5% |
| | APPROVED TO START | 0 | 0 | 0 | 0 | 0% |
| | IN PROGRESS | 54 | 28 | 0 | 82 | 12% |
| | RELOCATED | 329 | 203 | 32 | 564 | 83% |
| | TOTAL | 415 | 233 | 32 | 680 | 100% |
| Wet | NOT STARTED | 47 | 13 | 0 | 60 | 16% |
| | APPROVED TO START | 0 | 0 | 0 | 0 | 0% |
| | IN PROGRESS | 97 | 17 | 15 | 129 | 35% |
| | RELOCATED | 127 | 27 | 27 | 181 | 49% |
| | TOTAL | 271 | 57 | 42 | 370 | 100% |

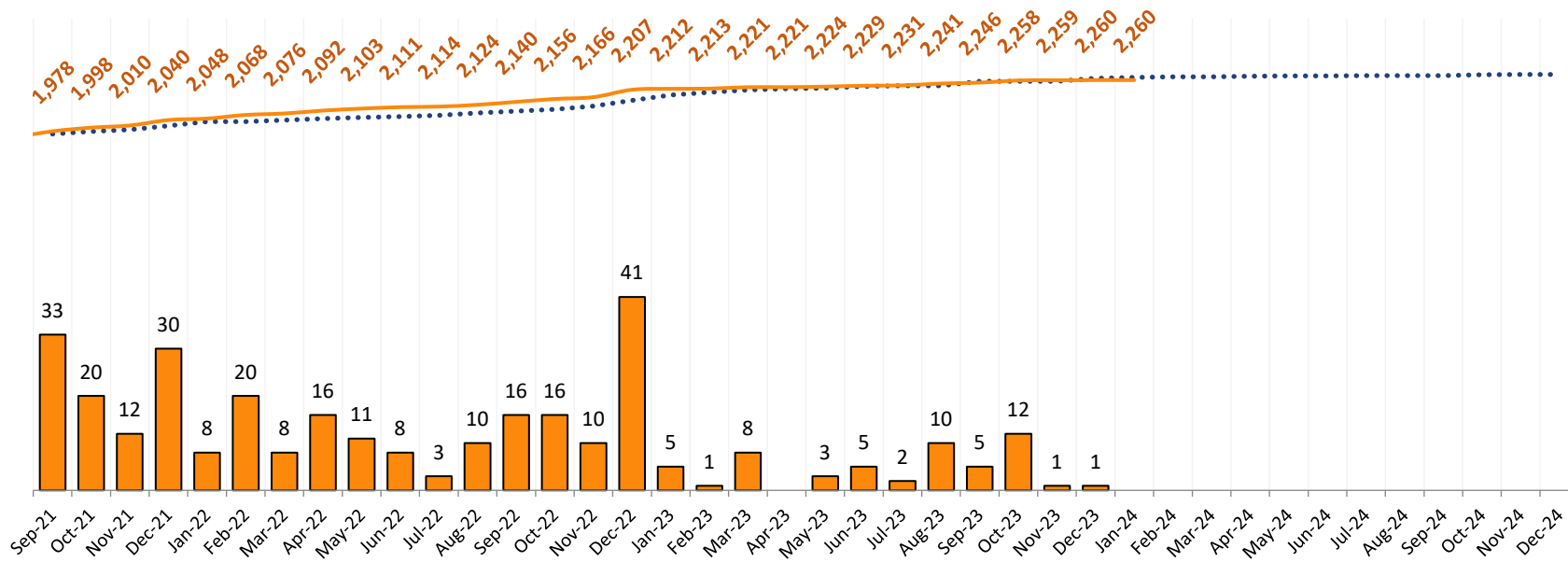
CP 1-4 – Real Property/Right-of-Way (ROW)

CP 1-4 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels January 31, 2024 | Total Parcels Delivered to Date January 31, 2024 | Remaining Parcels to be Delivered January 31, 2024 | Percentage Delivered |
|----------------------|--|---|---|----------------------|
| CP 1 | 1,083 | 1,064 | 19 | 98% |
| CP 2-3 | 988 | 973 | 15 | 98% |
| CP 4 | 223 | 223 | 0 | 100% |
| Total | 2,294 | 2,260 | 34 | 98% |

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

█ Actual Delivery to DB
 ⋯ Planned Cumulative
 — Actual Cumulative



Notes:

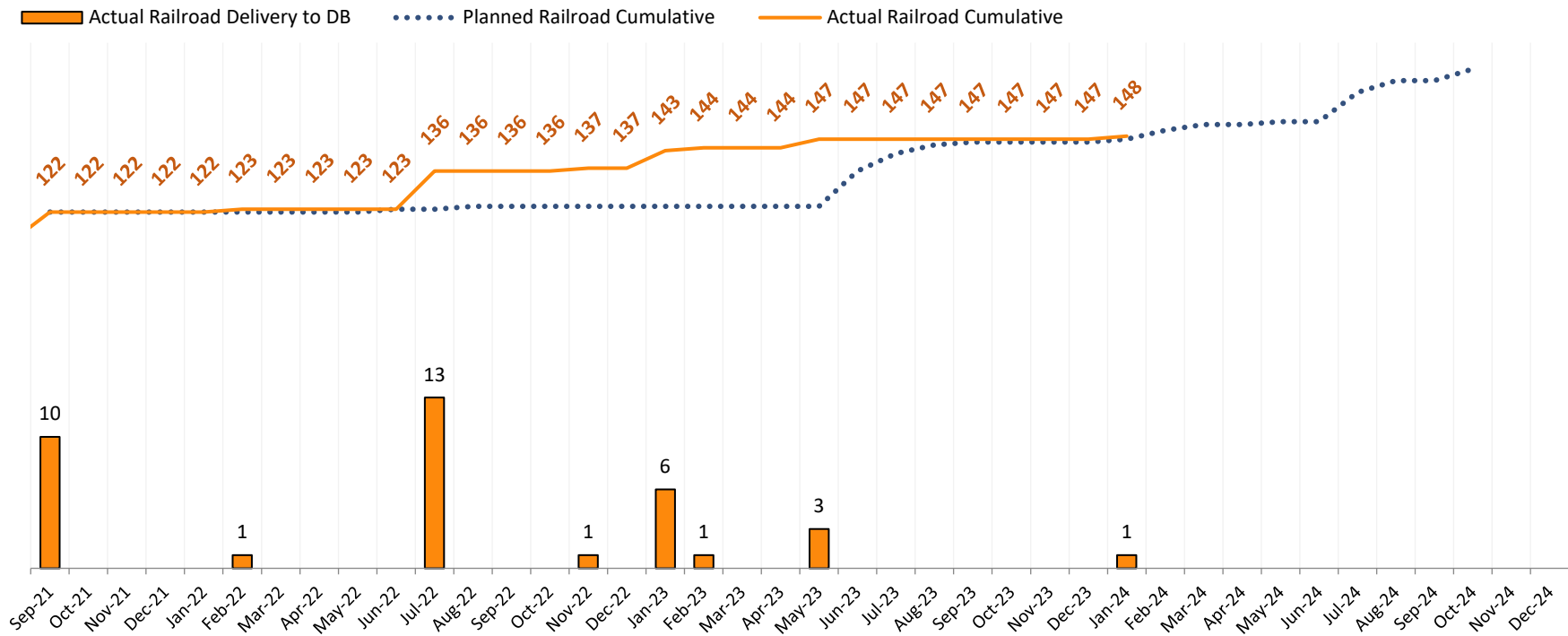
1. This reflects the actual parcels delivered to the Design-Builder by month and forecasts based on Revised Baseline Schedules (RBS) Revision 4.

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 January 31, 2024 | Total Railroad Parcels Delivered to Date January 31, 2024 | Remaining Railroad Parcels to be Delivered January 31, 2024 |
|----------------------|---|--|--|
| CP 1 | 84 | 64 | 20 |
| CP 2-3 | 58 | 55 | 3 |
| CP 4 | 29 | 29 | 0 |
| Total | 171 | 148 | 23 |

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



Notes:

1. This reflects the actual Railroad parcels delivered to Design-Builder by month and updated forecast dates.

CONSTRUCTION PACKAGE 1 (CP 1) OVERVIEW

CP 1 – Design-Build Contract Summary⁽¹⁾

Milestones

| Milestone | Date |
|---|-----------------|
| Request for Quote (RFQ) Date: | 11/15/2011 |
| Statement of Qualification (SOQ) Date: | 12/19/2011 |
| Request for Proposal (RFP) Date: | 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 ⁽²⁾ : | Dec 2026 |
| Current Forecast Construction Completion Date⁽²⁾: | Nov 2026 |

Contract Value

| Description | Amount |
|------------------------------------|---------------------------|
| Fixed Bid Price: | \$969,988,000.00 |
| Provisional Sums: | \$53,000,000.00 |
| Original Contract Price: | \$1,022,988,000.00 |
| Executed Change Orders: | \$2,658,020,088.72 |
| Current Contract Amount: | \$3,681,008,088.72 |
| Approved Invoices to Date: | \$2,437,204,754.33 |
| Remaining Contract Balance: | \$1,243,803,334.39 |

Contract Time Status

| Description | Duration |
|---|----------|
| Original Contract Days: | 1,628 |
| Extension of Time Awarded ⁽³⁾ : | 3,159 |
| Current Forecast Contract Days ⁽³⁾ : | 4,787 |
| Calendar Days Worked (thru 1/31/2024): | 3,760 |

Expended to Date

| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 78.5% |
| Dollars: | 66.2% |

Growth Percentage

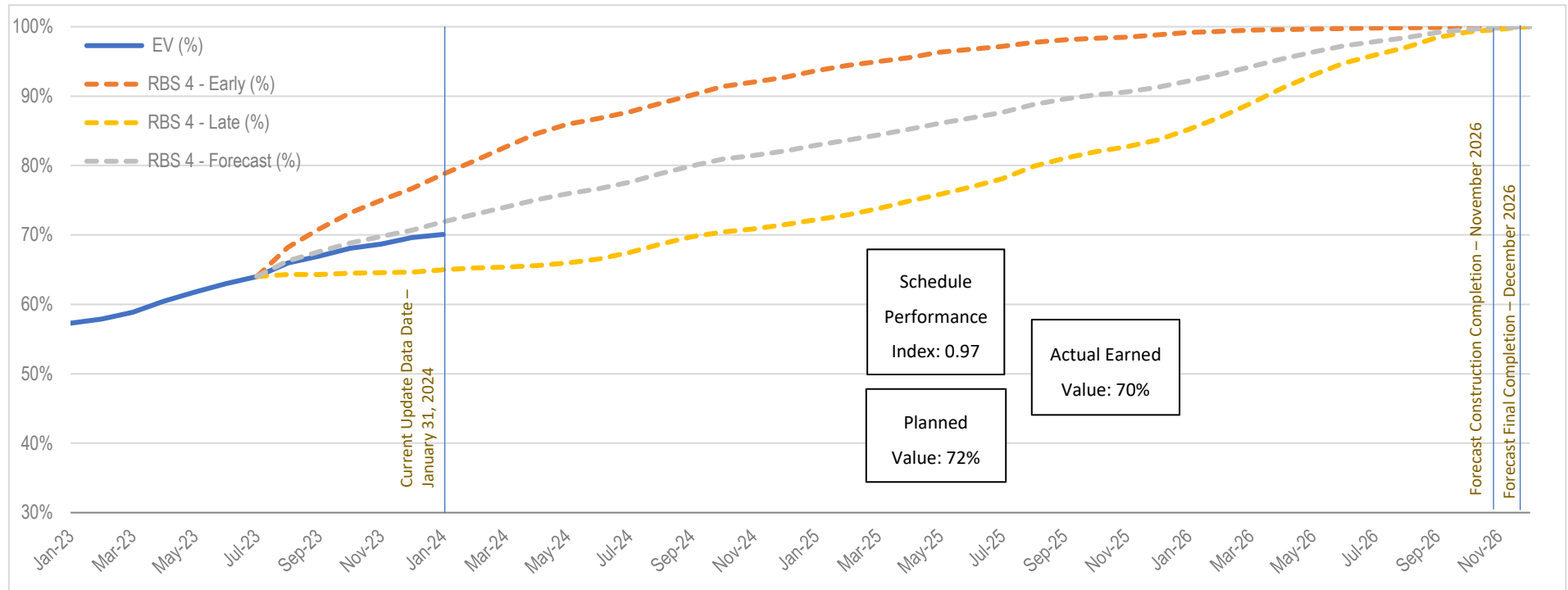
| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 194.0% |
| Dollars: | 259.8% |

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 (%)

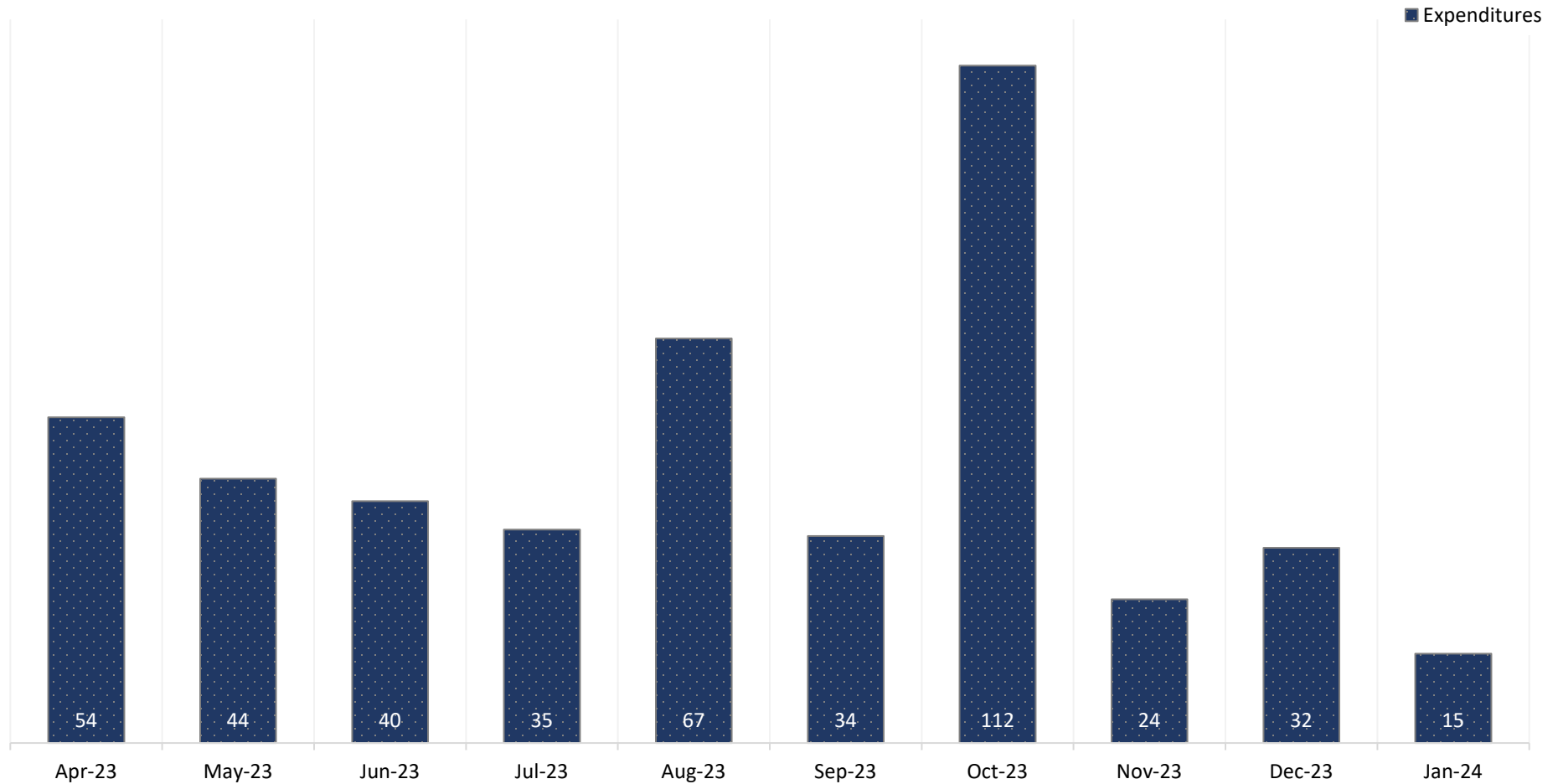


Notes:

1. Earned Value represents physical progress of site activities, which is based on project team verification of site progress measurements.
2. The early dates graph is optimistic and assumes activities will take place on the schedule early dates.
3. Average graph assumes non-critical path activities are taking place mid-way of early and late dates.
4. The late dates graph assumes activities will take place on the schedule late dates. If actuals fall below late graph, it indicates schedule slippage. To provide contingency, the Schedule Performance Index (SPI) is measured against the average graph.
5. 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 \$14.8M.

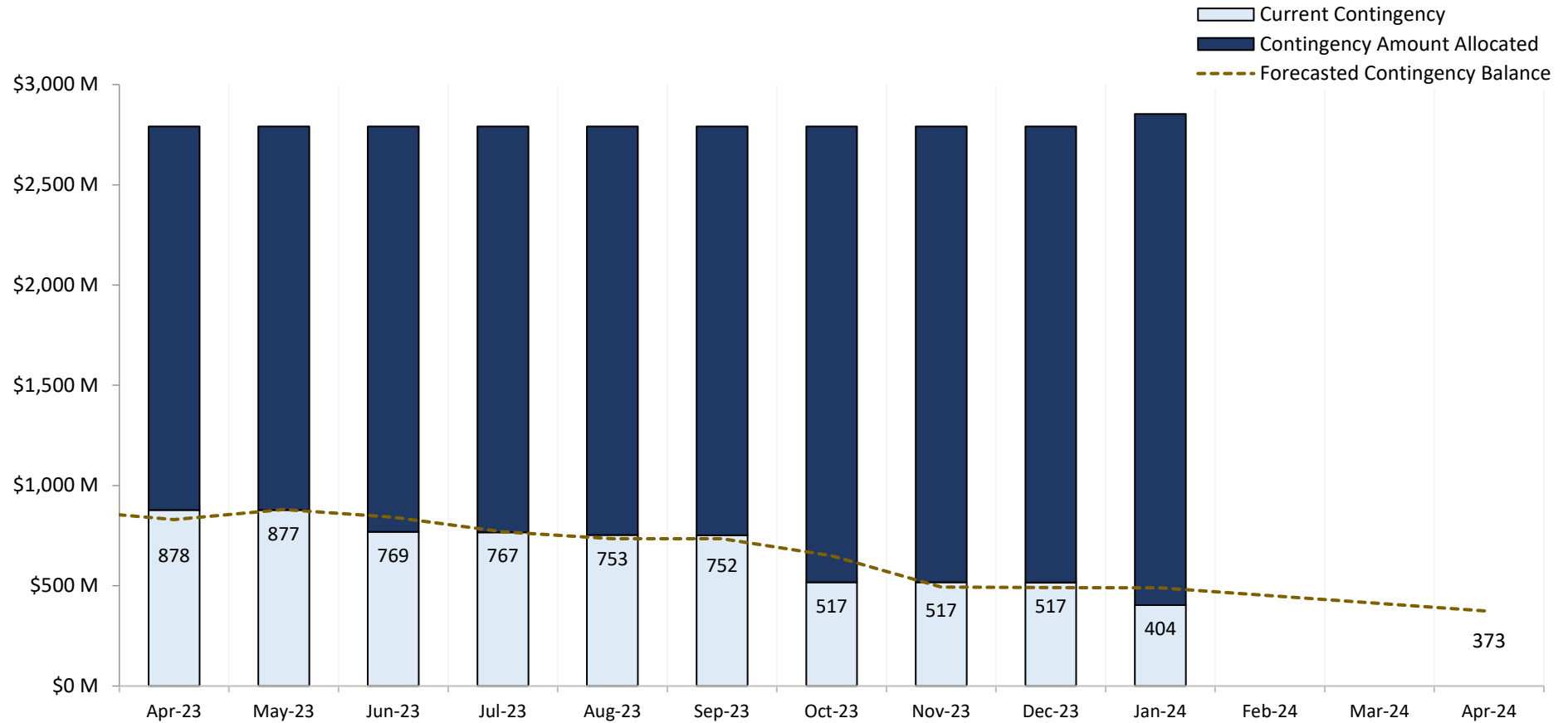
CP 1 – Change Orders (CO)

CP 1 – Change Order Status

| CO Number | Title | Change Status | Amount | Executed Date |
|--------------|--|---------------|------------------------|---------------|
| 48.9 | Supplemental No. 9 Funding PG&E/AT&T Provisional Sum | Executed | \$62,500,000.00 | 01-31-24 |
| 513 | McKinley Avenue SR-99 NB Off-Ramp Drain Inlet | Executed | \$15,562.13 | 01-04-24 |
| 516 | Utility Markers DL-0211 Rev. 02 - Design Only | Executed | \$85,581.33 | 01-12-24 |
| 518 | Independent Checking Engineer Overhead Staff and Independent Site Engineer Services - Time & Materials | Executed | \$4,000,000.00 | 01-30-24 |
| 520 | Differing Site Conditions - Time & Materials | Executed | \$750,000.00 | 01-30-24 |
| 521 | Fresno Metropolitan Flood Control District Spare Casing at El Paseo - Design Only | Executed | \$373,142.00 | 01-12-24 |
| 522 | Maintenance of Temporary Private Drainage System Along Re-aligned GSB North and Barstow Ave. | Executed | \$17,981.00 | 01-30-24 |
| TOTAL | | | \$67,742,266.46 | |

CP 1 – Risk Contingency

CP 1 – Risk Contingency Status (\$ Millions)

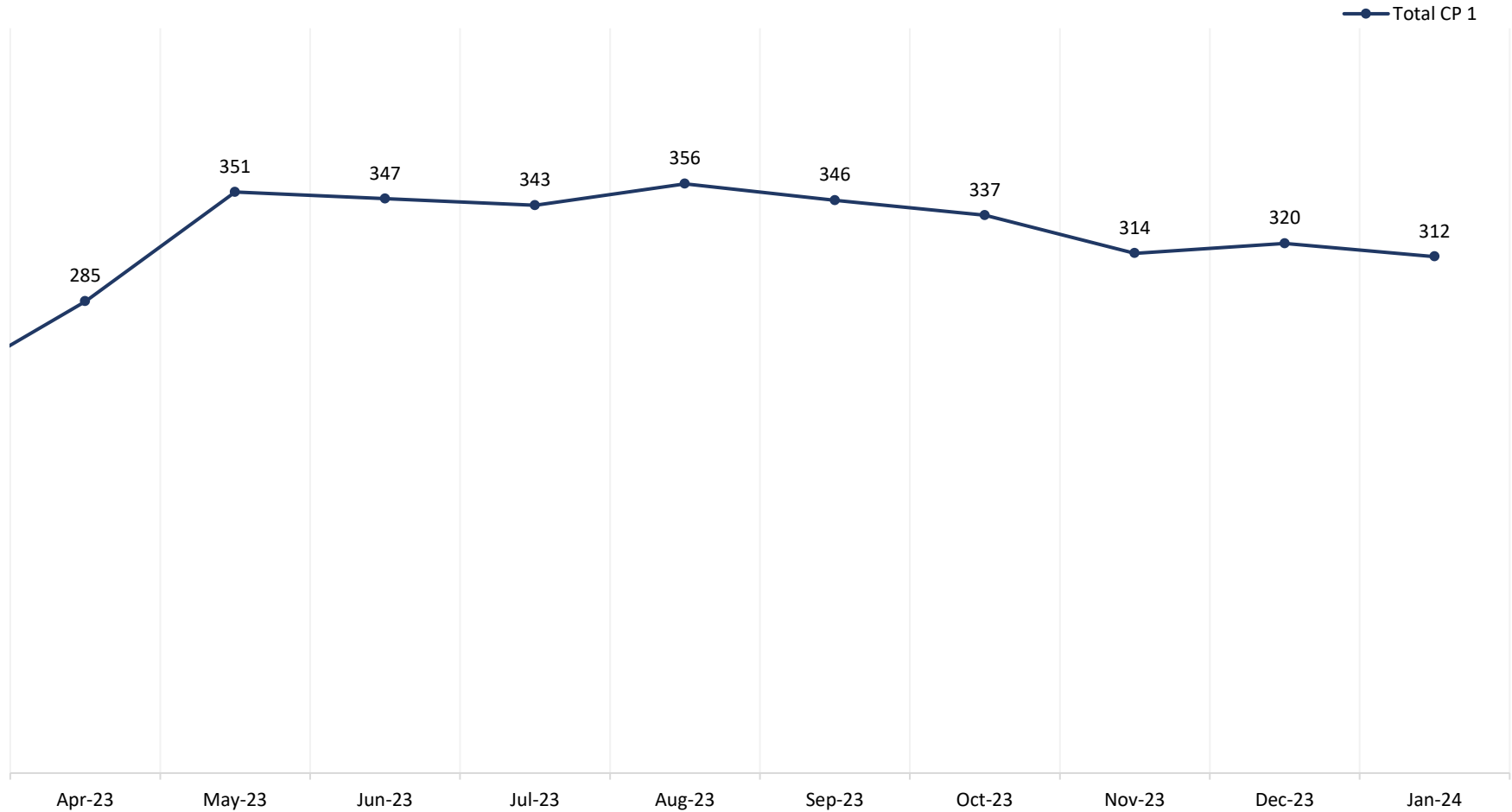


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 1 budgeted contract contingency to \$2,853.4 M.
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

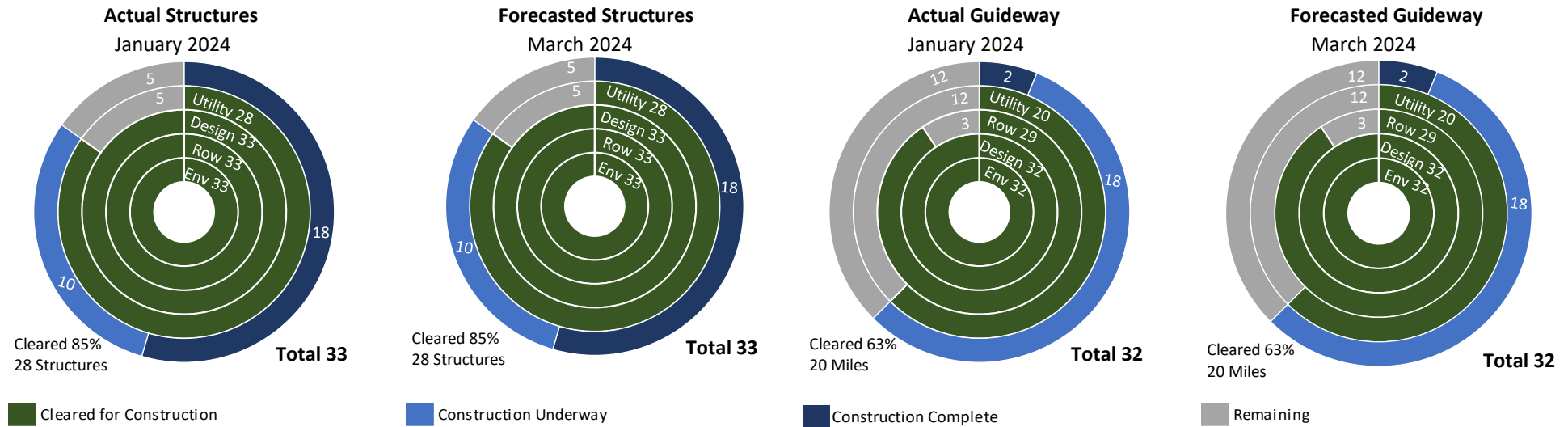
CP 1 – Monthly Construction Workforce Total – Actual (FTE)



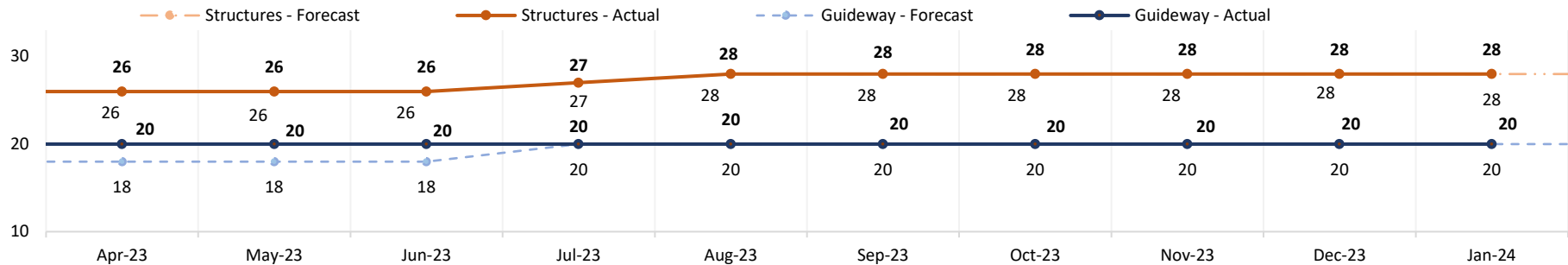
- Notes:**
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
 2. A decrease of 8 workers from the previous month (320).

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). 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 | 165 | 17% |
| Total Utilities Approved to Start | 0 | 0% |
| Total Utilities in Progress | 204 | 20% |
| Total Utilities Relocated | 623 | 63% |
| Total | 992 | 100% |

CP 1 – Summary by Utility Type

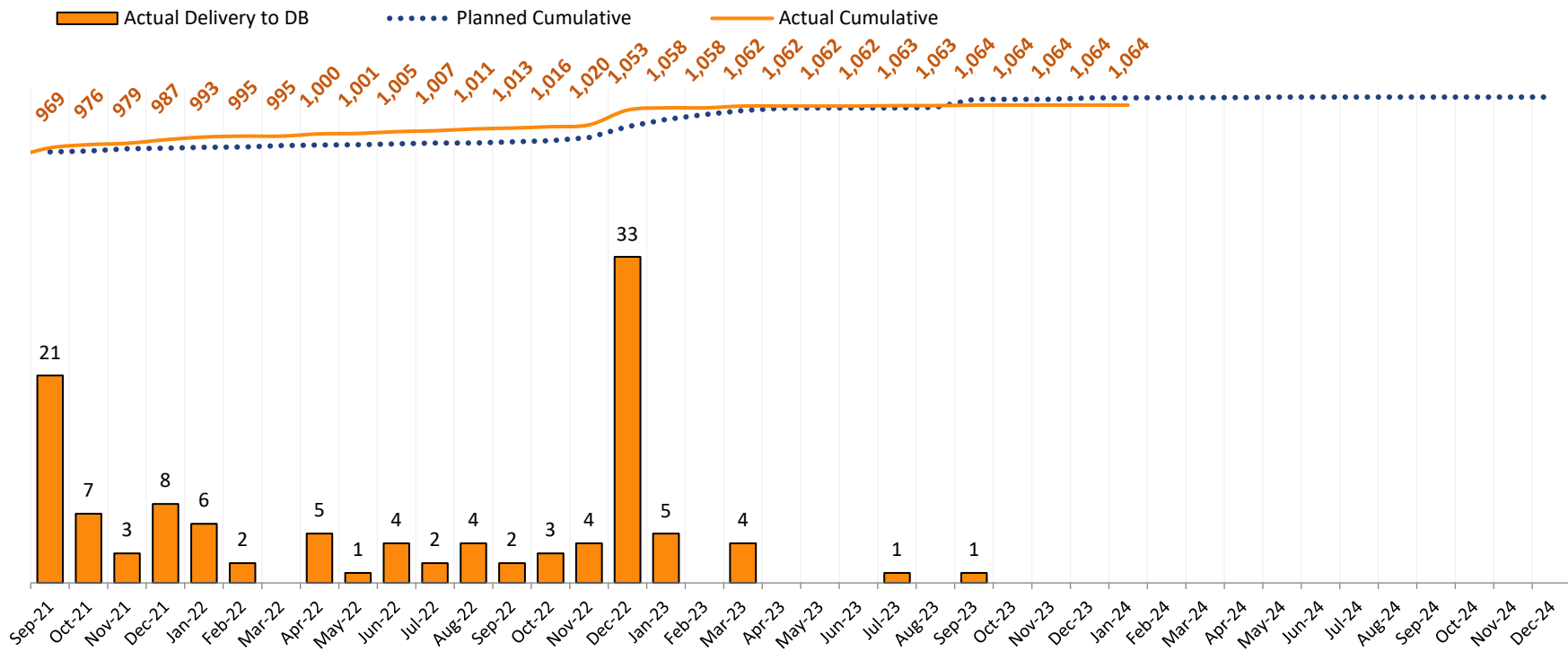
| Utility | Status | Utility Relocations | Percentage |
|-----------------|-------------------|---------------------|-------------|
| Electric | NOT STARTED | 69 | 32% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 27 | 13% |
| | RELOCATED | 119 | 55% |
| | TOTAL | 215 | 100% |
| Gas | NOT STARTED | 17 | 19% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 26 | 29% |
| | RELOCATED | 48 | 52% |
| | TOTAL | 91 | 100% |
| Telecom | NOT STARTED | 32 | 8% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 54 | 13% |
| | RELOCATED | 329 | 79% |
| | TOTAL | 415 | 100% |
| Wet | NOT STARTED | 47 | 17% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 97 | 36% |
| | RELOCATED | 127 | 47% |
| | TOTAL | 271 | 100% |

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

CP 1 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels January 31, 2024 | Total Parcels Delivered to Date January 31, 2024 | Remaining Parcels to be Delivered January 31, 2024 |
|----------------------|--|---|---|
| CP 1 | 1,083 | 1,064 | 19 |

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



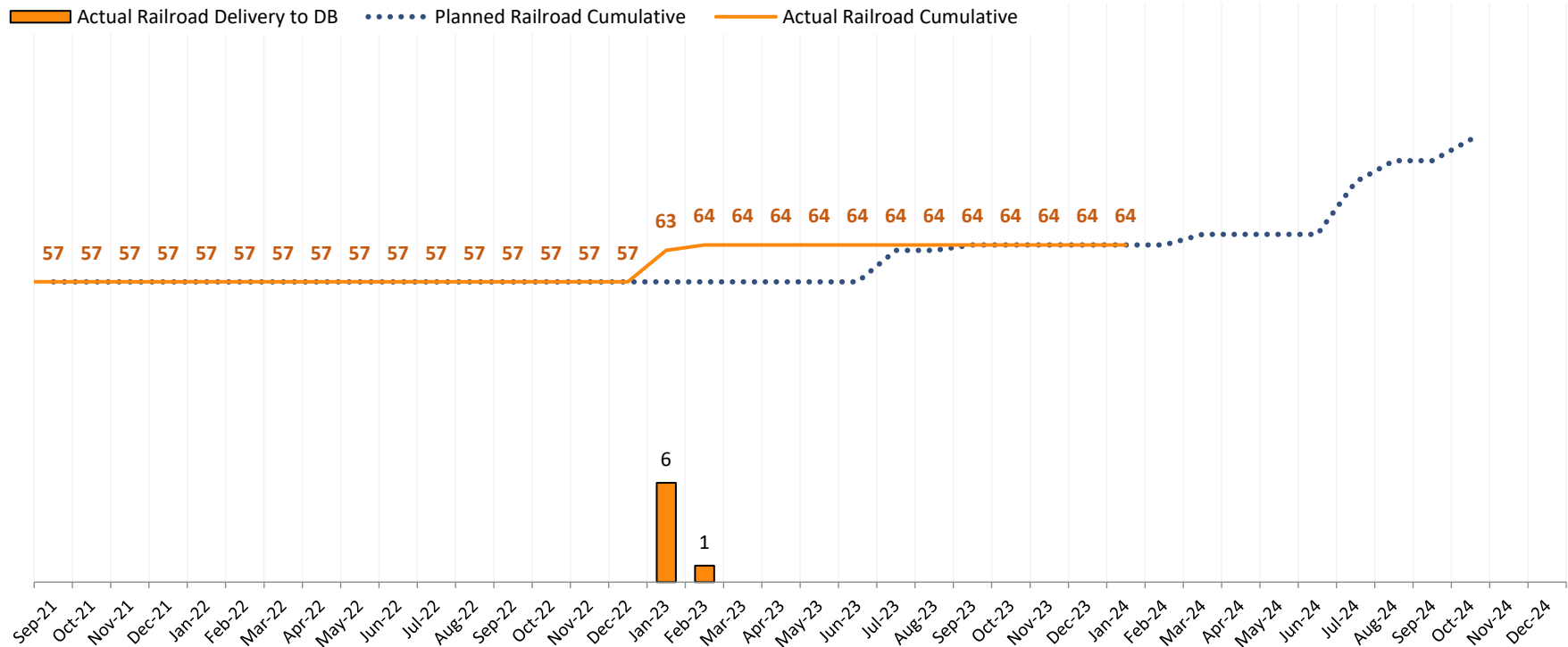
- Notes:**
- This reflects the actual parcels delivered to the Design-Builder by month and forecasts based on Revised Baseline Schedules (RBS) Revision 4.

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

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

| Construction Package | Total Needed Railroad Parcels January 31, 2024 | Total Railroad Parcels Delivered to Date January 31, 2024 | Remaining Railroad Parcels to be Delivered January 31, 2024 |
|----------------------|---|--|--|
| 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⁽¹⁾

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 ⁽²⁾ : | May 2026 |
| Current Forecast Construction Completion Date⁽²⁾: | March 2026 |

Contract Value

| Description | Amount |
|------------------------------------|-------------------------|
| Fixed Bid Price: | \$1,205,335,890.00 |
| Provisional Sums: | \$160,000,000.00 |
| Original Contract Price: | \$1,365,335,890.00 |
| Executed Change Orders: | \$1,997,513,235.59 |
| Current Contract Amount: | \$3,362,849,125.59 |
| Approved Invoices to Date: | \$2,445,088,777.62 |
| Remaining Contract Balance: | \$917,760,347.97 |

Contract Time Status

| Description | Duration |
|---|----------|
| Original Contract Days: | 1,486 |
| Extension of Time Awarded ⁽³⁾ : | 2,406 |
| Current Forecast Contract Days ⁽³⁾ : | 3,892 |
| Calendar Days Worked (thru 1/31/2024): | 3,112 |

Expended to Date Percentage

| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 80.0% |
| Dollars: | 72.7% |

Growth Percentage

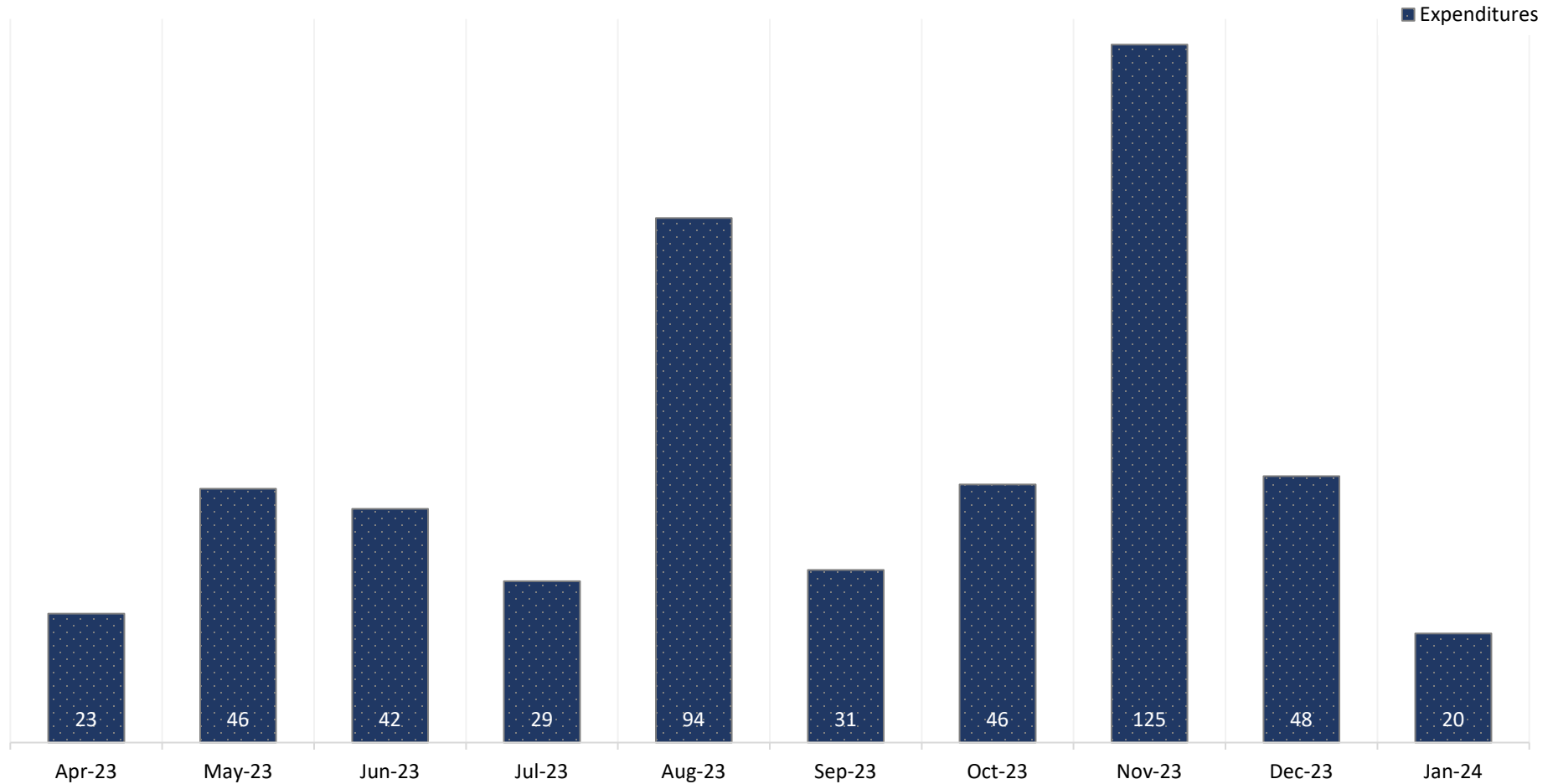
| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 161.9% |
| Dollars: | 146.3% |

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 \$19.6M.

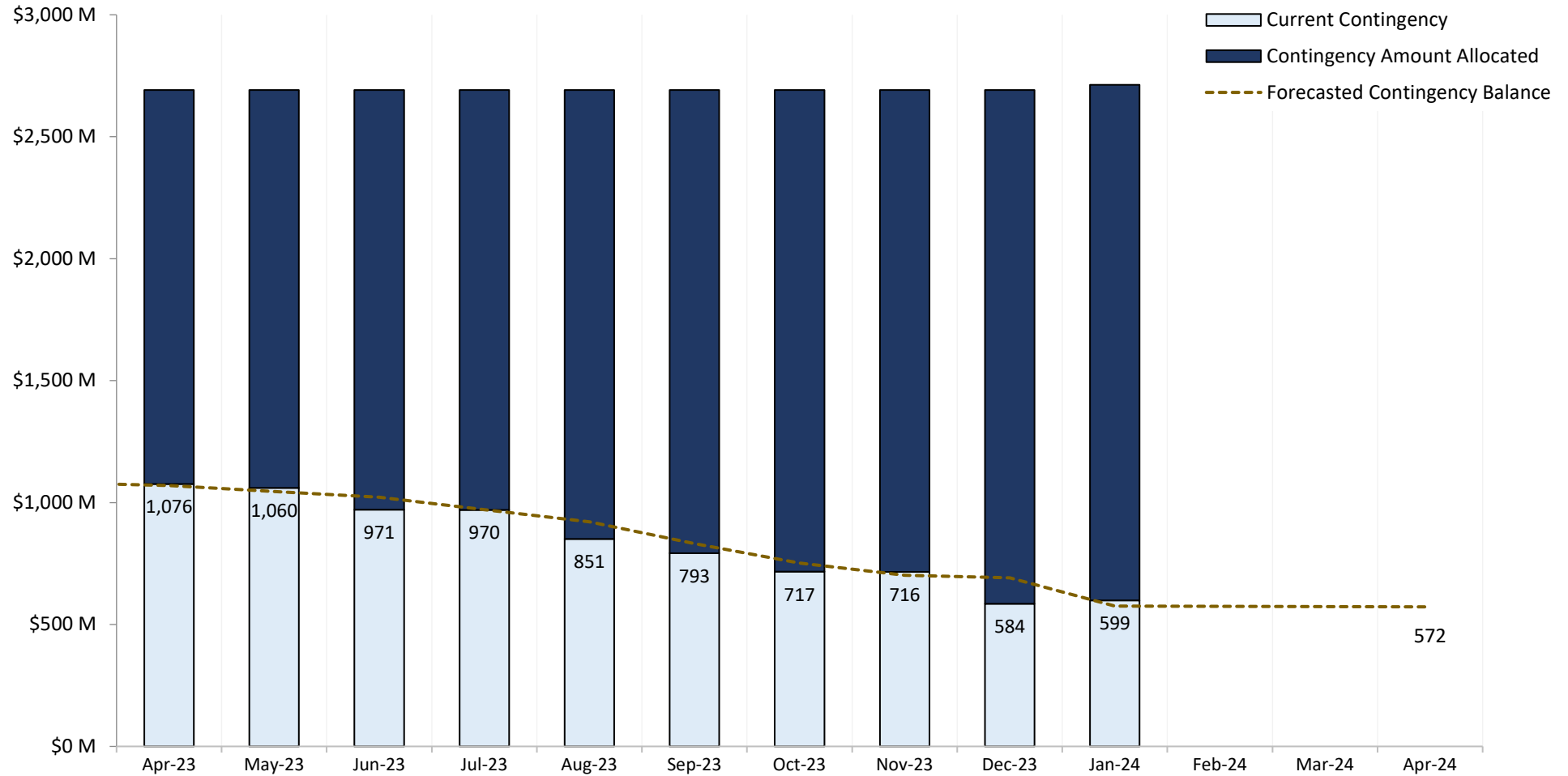
CP 2-3 – Change Orders (CO)

CP 2-3 – Change Order Status

| CO Number | Title | Change Status | Amount | Executed Date |
|--------------|--|---------------|-----------------------|---------------|
| 374.01 | Deer Creek Viaduct Concrete Adjustment – CO 374 | Executed | \$5,500,000.00 | 1-16-24 |
| 368.01 | SR 43 – Jersey Avenue – Open Abutments – Construction | Executed | \$950,000.00 | 1-27-24 |
| 384.01 | CorID Temporary Bypass System – Design & Construction – Time & Materials | Executed | \$350,000.00 | 1-16-24 |
| TOTAL | | | \$6,800,000.00 | |

CP 2-3 – Risk Contingency

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

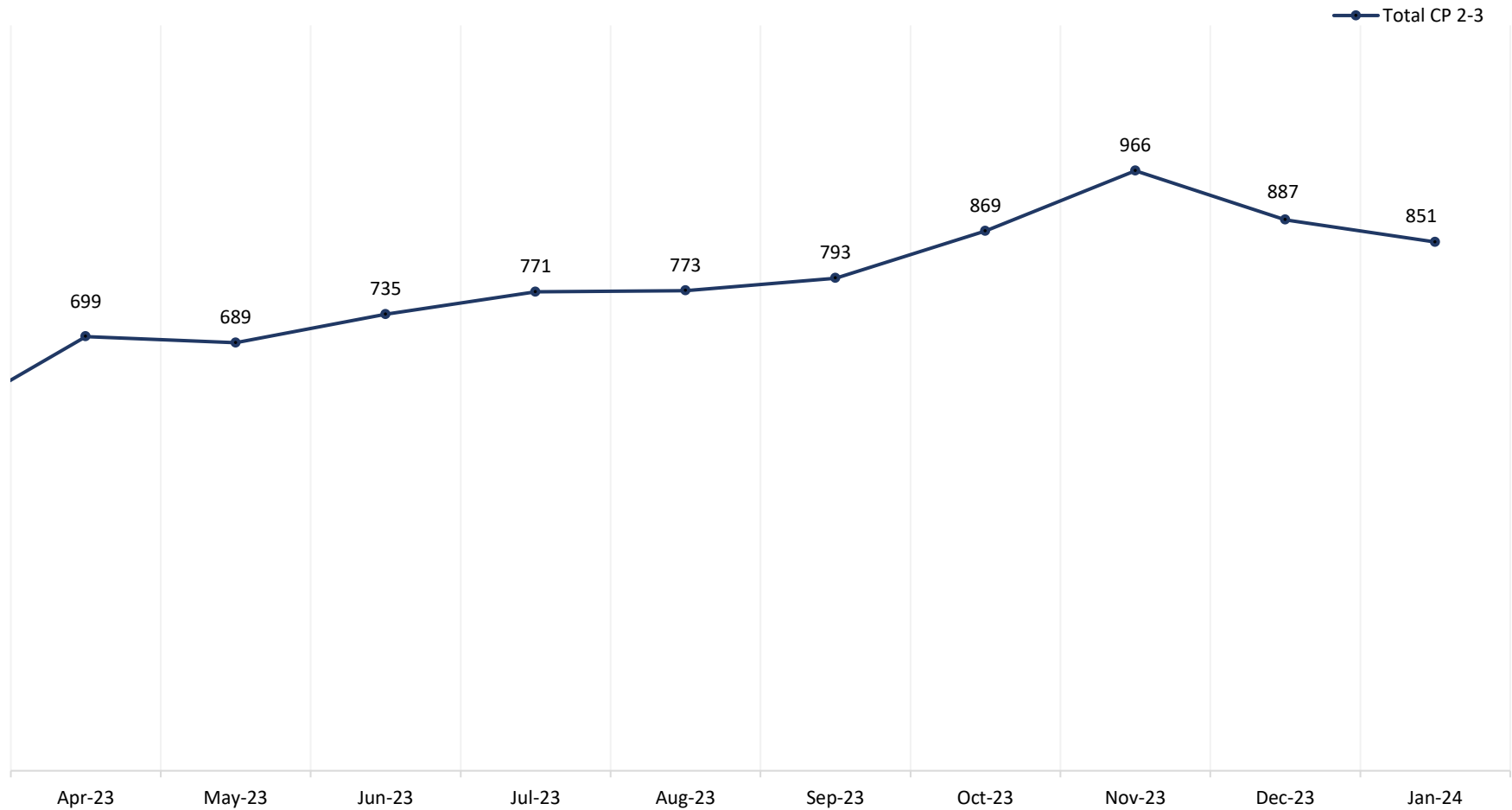


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 2-3 budgeted contract contingency to \$2,712.5 M.
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

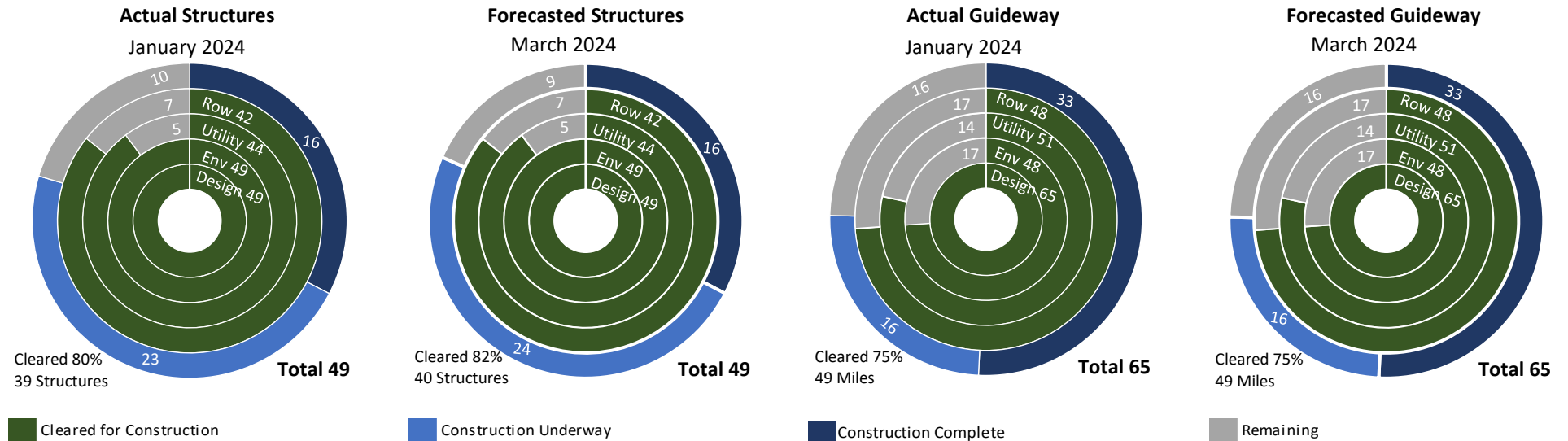
CP 2-3 – Monthly Construction Workforce Total – Actual (FTE)



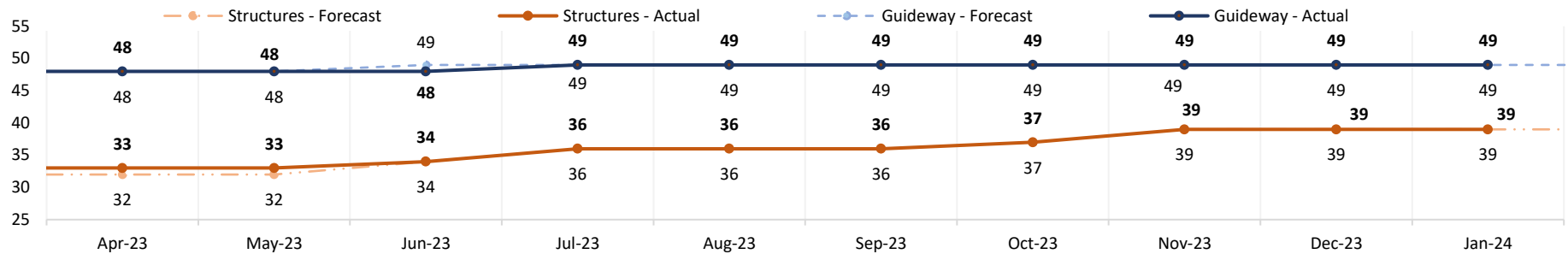
- Notes:**
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
 2. A decrease of 36 workers from the previous month (887).

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:
 - 39 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 | 125 | 18% |
| Total Utilities Approved to Start | 0 | 0% |
| Total Utilities in Progress | 77 | 11% |
| Total Utilities Relocated | 499 | 71% |
| Total | 701 | 100% |

CP 2-3 – Summary by Utility Type

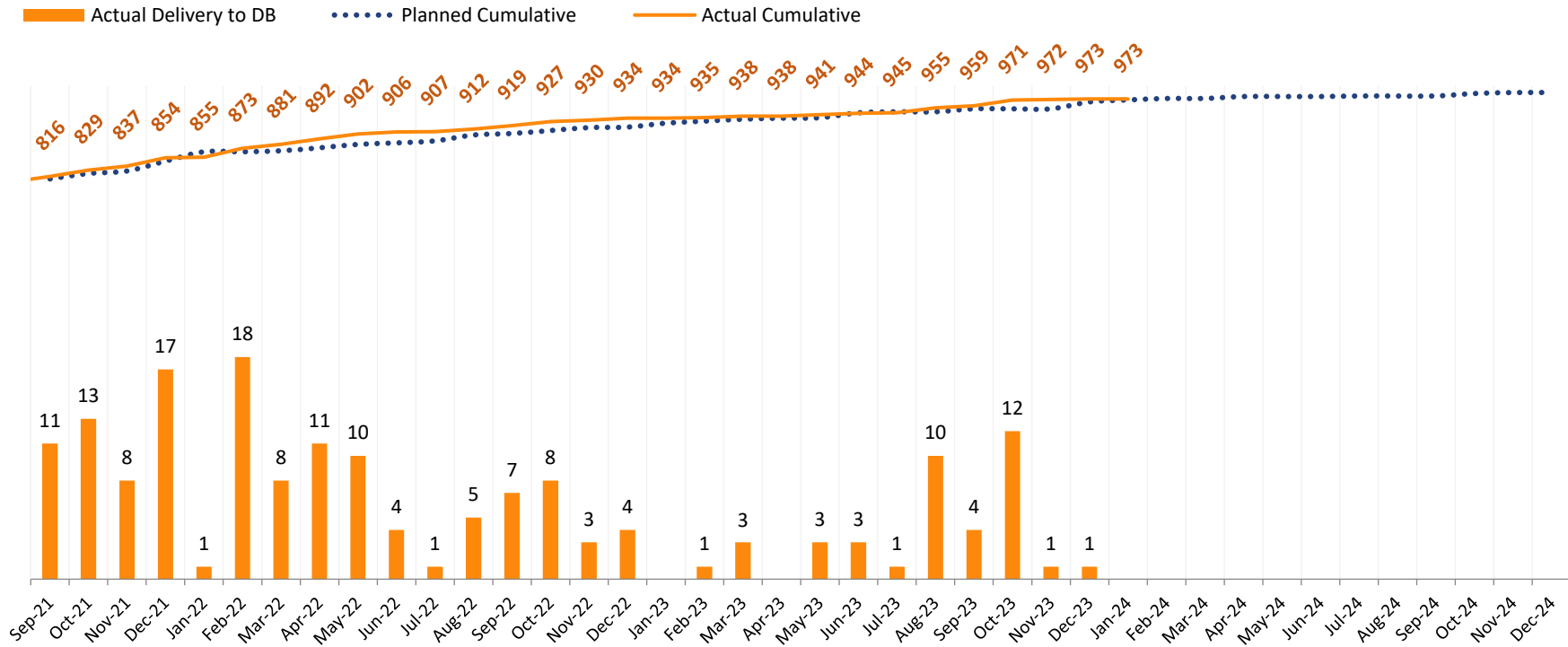
| Utility | Status | Utility Relocations | Percentage |
|-----------------|-------------------|---------------------|-------------|
| Electric | NOT STARTED | 100 | 26% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 32 | 8% |
| | RELOCATED | 252 | 66% |
| | TOTAL | 384 | 100% |
| Gas | NOT STARTED | 10 | 37% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 0 | 0% |
| | RELOCATED | 17 | 63% |
| | TOTAL | 27 | 100% |
| Telecom | NOT STARTED | 2 | 1% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 28 | 12% |
| | RELOCATED | 203 | 87% |
| | TOTAL | 233 | 100% |
| Wet | NOT STARTED | 13 | 23% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 17 | 30% |
| | RELOCATED | 27 | 47% |
| | TOTAL | 57 | 100% |

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

CP 2-3 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels January 31, 2024 | Total Parcels Delivered to Date January 31, 2024 | Remaining Parcels to be Delivered January 31, 2024 |
|----------------------|--|---|---|
| CP 2-3 | 988 | 973 | 15 |

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



Notes:

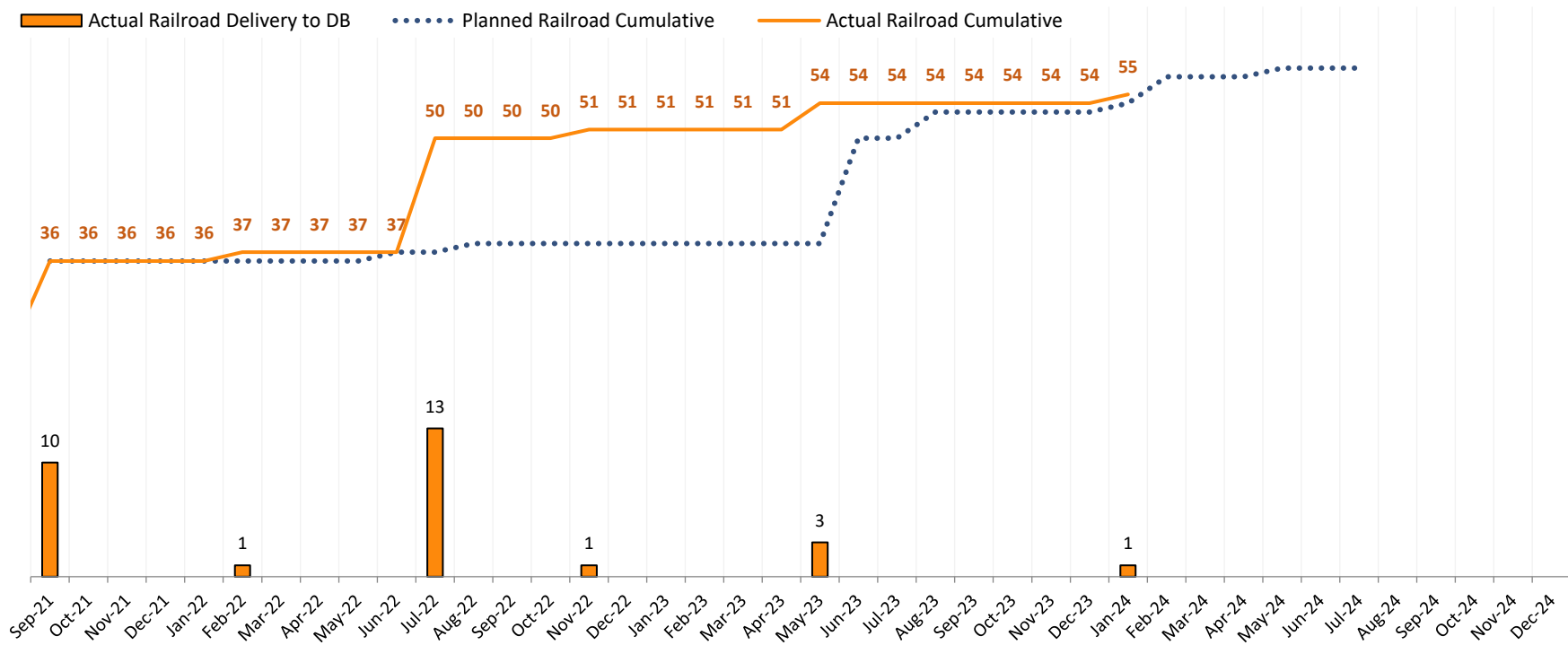
1. This reflects the actual parcels delivered to the Design-Builder by month and forecasts based on Revised Baseline Schedules (RBS) Revision 4.

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 January 31, 2024 | Total Railroad Parcels Delivered to Date January 31, 2024 | Remaining Railroad Parcels to be Delivered January 31, 2024 |
|----------------------|---|--|--|
| CP 2-3 | 58 | 55 | 3 |

CP 2-3 – Railroad Parcel Delivery to Design-BUILDER (DB) Summary



Notes:

1. This reflects the actual Railroad parcels delivered to Design-BUILDER by month and forecast dates.

CONSTRUCTION PACKAGE 4 (CP 4) OVERVIEW

CP 4 – Design-Build Contract Summary⁽¹⁾

Milestones

| Milestone | Date |
|---|-----------------|
| Request for Quote (RFQ) Date: | 11/20/2014 |
| Statement of Qualification (SOQ) Date: | 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 Construction Substantial Completion Date⁽²⁾: | Jan 2024 |
| Current Forecast Contract Completion Date ⁽²⁾ : | May 2024 |

Contract Value

| Description | Amount |
|------------------------------------|------------------------|
| Fixed Bid Price: | \$337,247,000.00 |
| Provisional Sums: | \$107,000,000.00 |
| Original Contract Price: | \$444,247,000.00 |
| Executed Change Orders: | \$349,783,050.01 |
| Current Contract Amount: | \$794,030,050.01 |
| Approved Invoices to Date: | \$775,418,278.35 |
| Remaining Contract Balance: | \$18,611,771.66 |

Current Time Status

| Description | Duration |
|---|----------|
| Original Contract Days: | 1,144 |
| Extension of Time Awarded ⁽³⁾ : | 1,680 |
| Current Forecast Contract Days ⁽³⁾ : | 2,824 |
| Calendar Days Worked (thru 1/31/2024): | 2,847 |

Expended to Date

| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 100.8% |
| Dollars: | 97.7% |

Growth Percentage

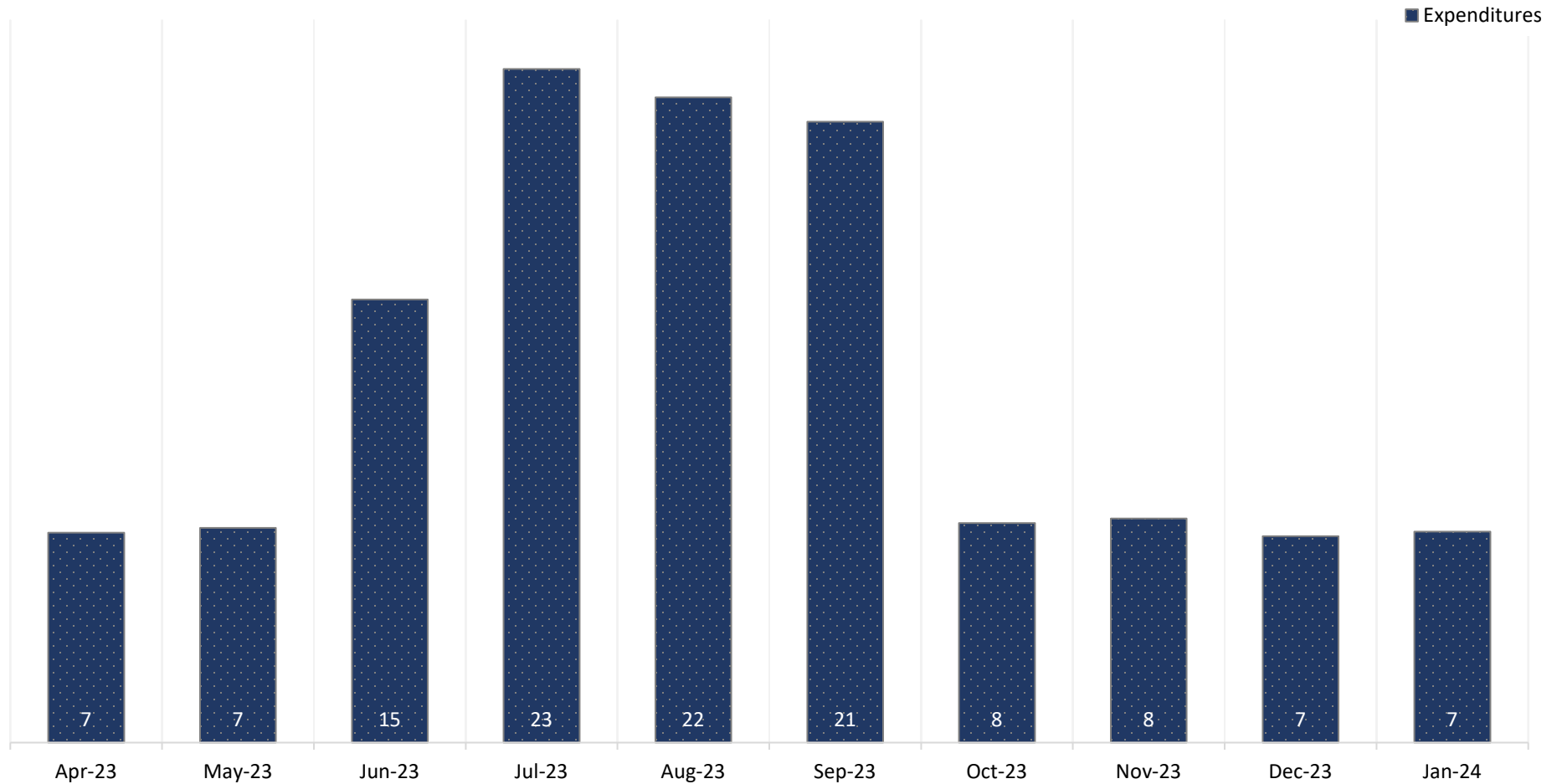
| Description | Percentage |
|-----------------------|------------|
| Time ⁽³⁾ : | 146.9% |
| Dollars: | 78.7% |

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 – 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 \$7.3M.

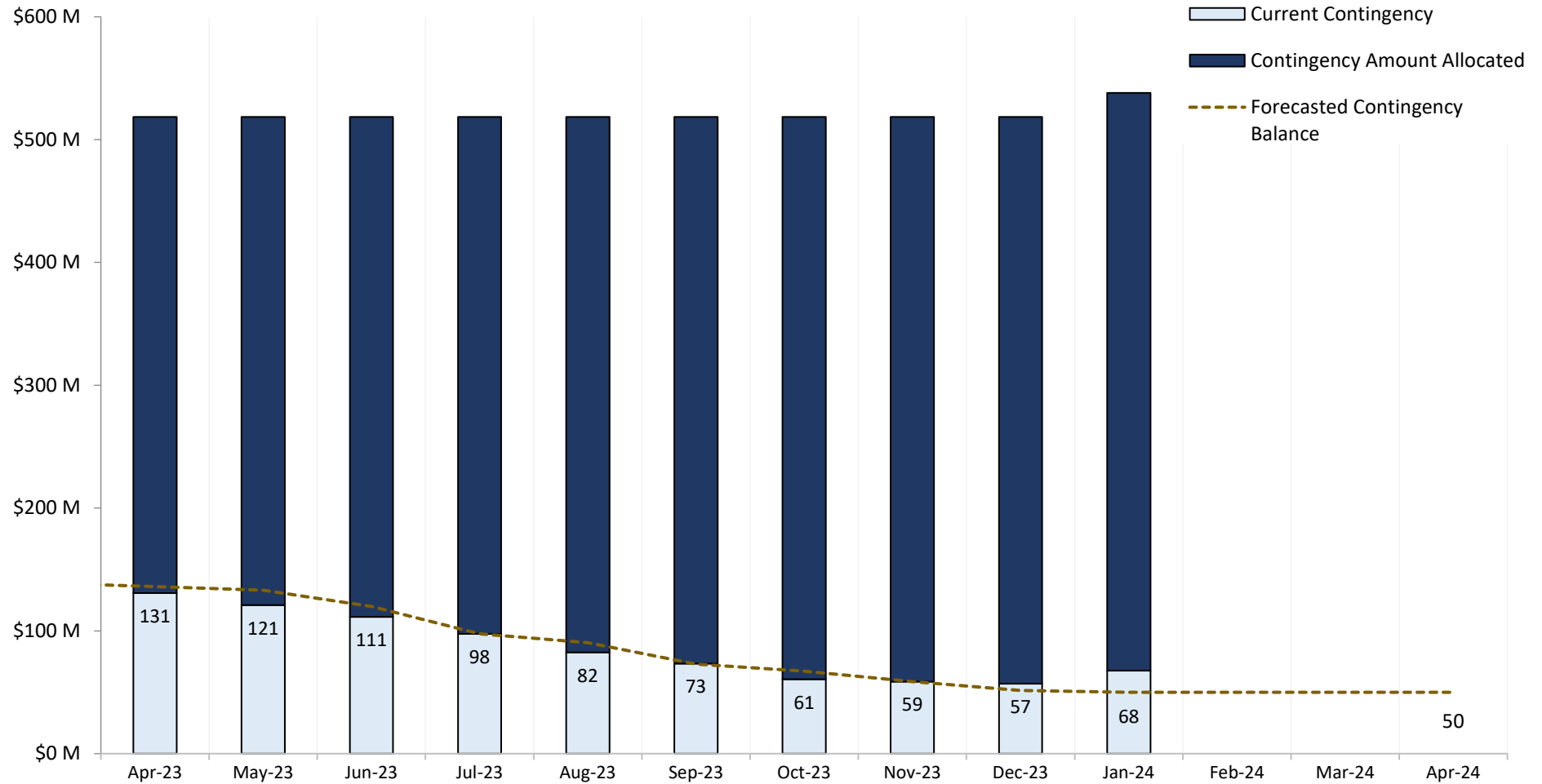
CP 4 – Change Orders (CO)

CP 4 – Change Order Status

| CO Number | Title | Change Status | Amount | Executed Date |
|--------------|---|---------------|-----------------------|---------------|
| 221 | DL-00154 Additional Conduit for Camera System at Poso Ave | Executed | \$58,601.68 | 1-30-24 |
| 219 | Environmental Monitoring Additional Costs from June 2023 to July 2023 | Executed | \$566,080.59 | 1-18-24 |
| 218 | CTS Additional Inspections and Material Testing April 1, 2021 to November 30, 2021 (TIA 7-13) | Executed | \$797,775.78 | 1-22-24 |
| 202 | AR Fencing - Additional Flashing Requirements | Executed | \$1,611,559.33 | 1-11-24 |
| 32R5.4 | Escalation Costs - TIA#16 - July 1, 2023 through October 20, 2023 | Executed | \$2,301,304.88 | 1-22-24 |
| 32R5.3 | Additional Insurance Premium Costs Beyond October 3rd, 2023 | Executed | \$3,593,334.40 | 1-4-24 |
| TOTAL | | | \$8,928,656.66 | |

CP 4 – Risk Contingency

CP 4 – Risk Contingency Status (\$ Millions)

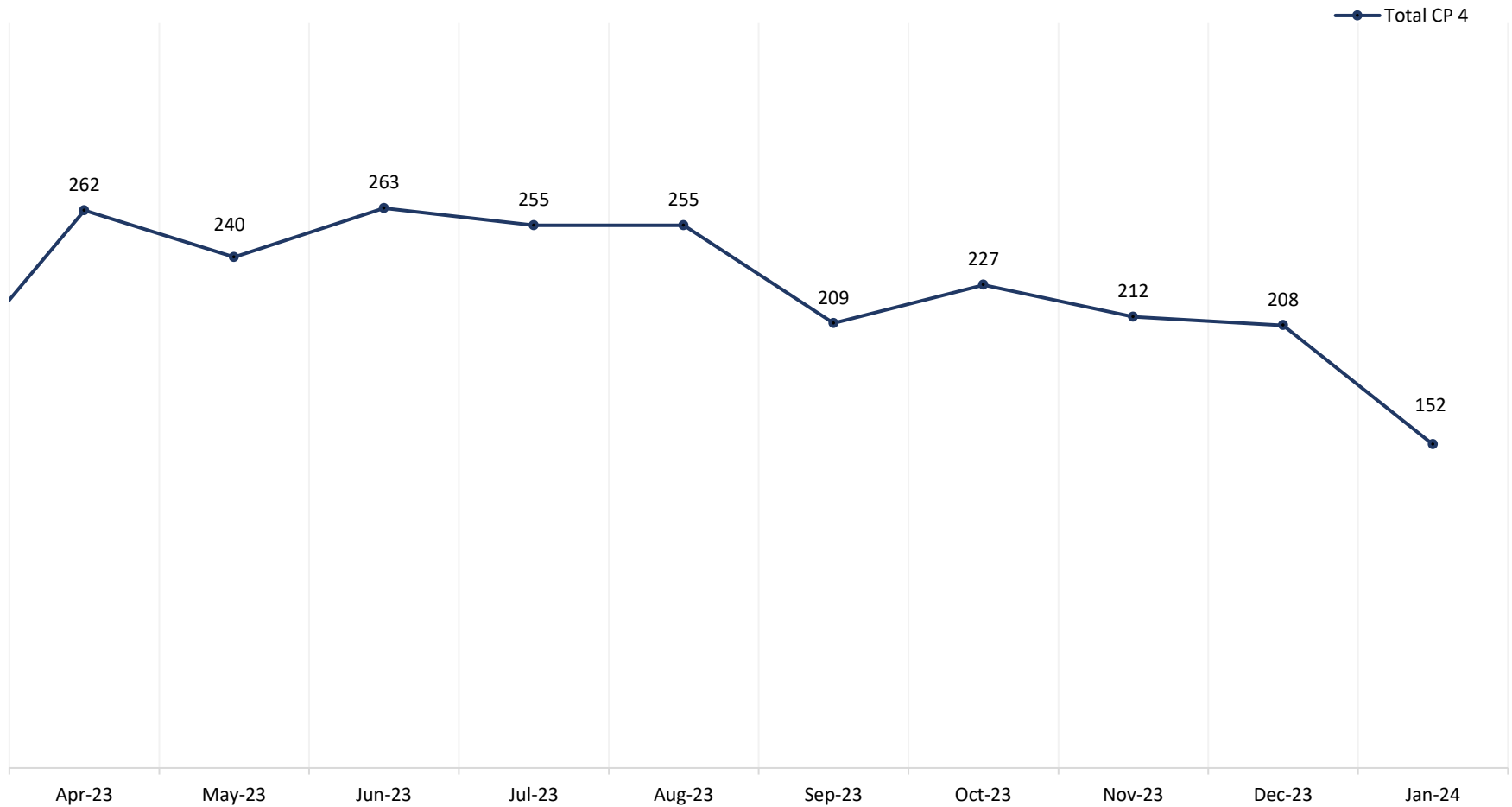


Notes:

1. January 2024 contingency data reflects the January 18, 2024 Board Total Expenditure Authorization which increased the total CP 4 budgeted contract contingency to \$538.0 M.
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)

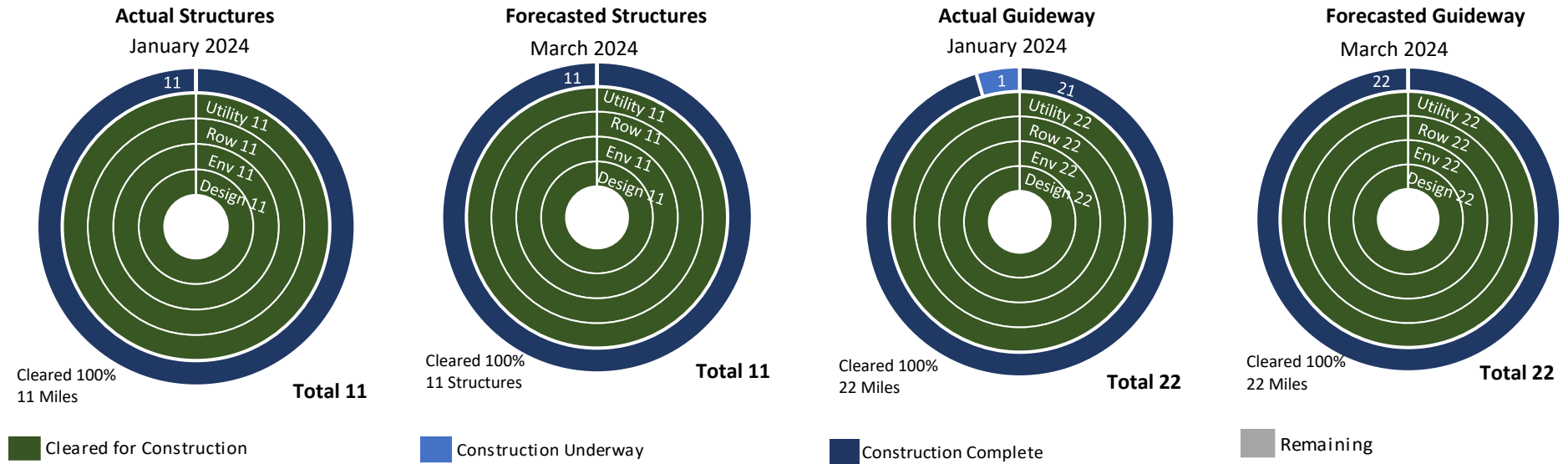


Notes:

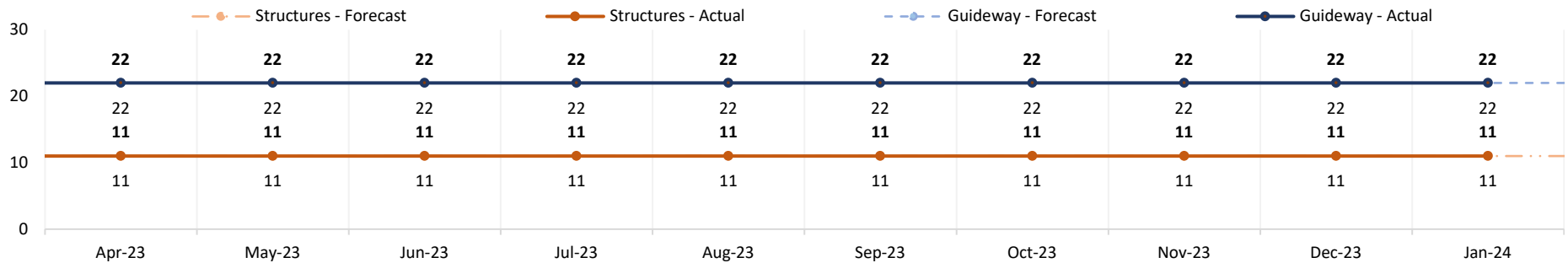
1. The construction labor numbers (full-time employees) are based on the weekly totals divided by the number of weeks within the working calendar month and represents the Average Daily Site Workers (by week).
2. A decrease of 56 from the previous month (208).

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.

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 | 15 | 10% |
| Total Utilities Relocated | 128 | 90% |
| Total | 143 | 100% |

CP 4 – Summary by Utility Type

| Utility | Status | Utility Relocations | Percentage |
|-----------------|-------------------|---------------------|-------------|
| Electric | NOT STARTED | 0 | 0% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 0 | 0% |
| | RELOCATED | 62 | 100% |
| | TOTAL | 62 | 100% |
| Gas | NOT STARTED | 0 | 0% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 0 | 0% |
| | RELOCATED | 7 | 100% |
| | TOTAL | 7 | 100% |
| Telecom | NOT STARTED | 0 | 0% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 0 | 0% |
| | RELOCATED | 32 | 100% |
| | TOTAL | 32 | 100% |
| Wet | NOT STARTED | 0 | 0% |
| | APPROVED TO START | 0 | 0% |
| | IN PROGRESS | 15 | 36% |
| | RELOCATED | 27 | 64% |
| | TOTAL | 42 | 100% |

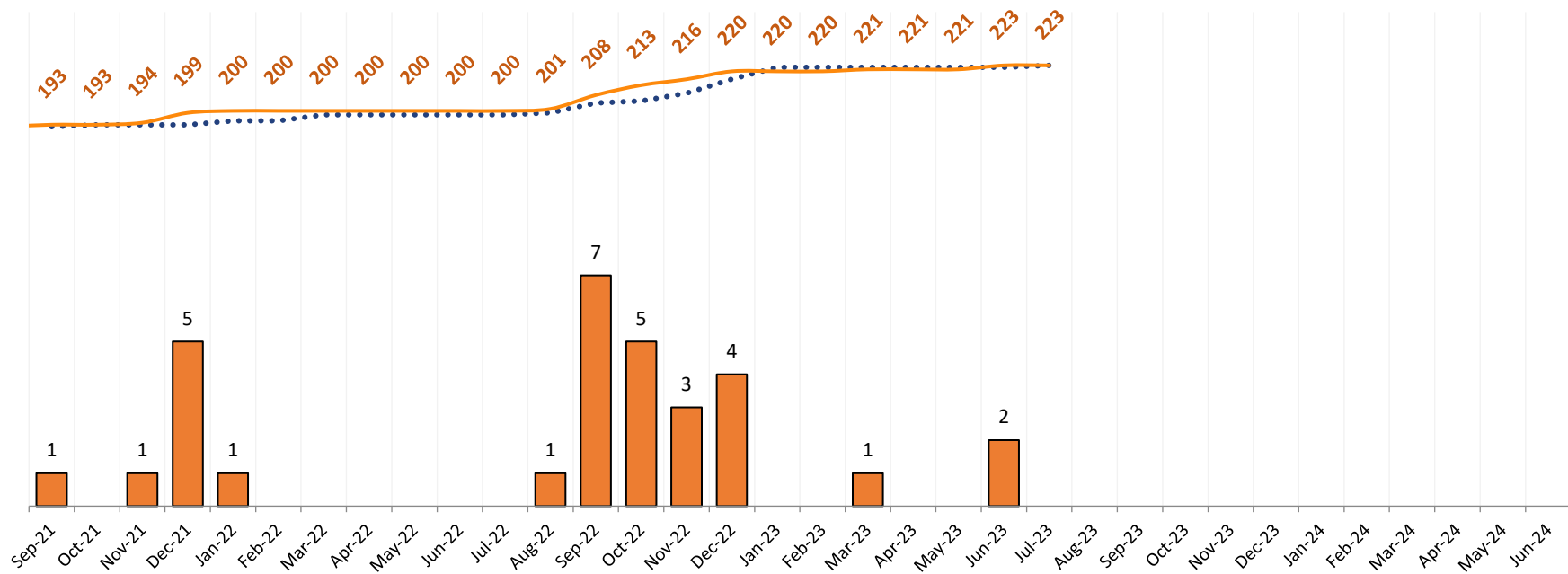
CP 4 – Real Property/Right-of-Way (ROW)

CP 4 – Right-of-Way (ROW) Summary

| Construction Package | Total Needed Parcels January 31, 2024 | Total Parcels Delivered to Date January 31, 2024 | Remaining Parcels to be Delivered January 31, 2024 |
|----------------------|--|---|---|
| CP 4 | 223 | 223 | 0 |

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

█ Actual Delivery to DB
 ⋯ Planned Cumulative
 — Actual Cumulative



Notes:

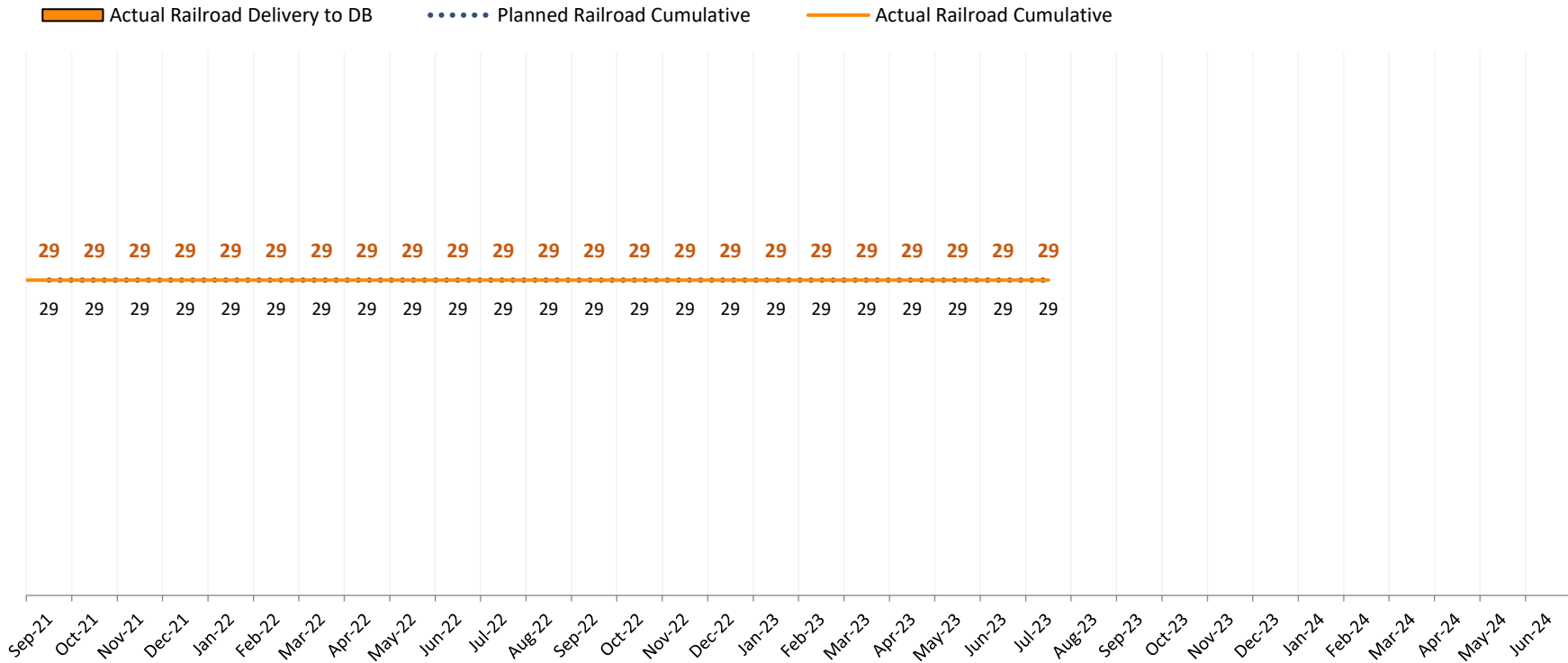
1. This reflects the actual parcels delivered to the Design-Builder by month compared to the Revised Baseline Schedule (RBS) Revision 3.

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

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

| Construction Package | Total Needed Railroad Parcels January 31, 2024 | Total Railroad Parcels Delivered to Date January 31, 2024 | Remaining Railroad Parcels to be Delivered January 31, 2024 |
|----------------------|---|--|--|
| CP 4 | 29 | 29 | 0 |

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



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

Project Development Schedule (to ROD)

| 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% |
| 1 | Los Angeles to Anaheim | Plan Forecast % Complete | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Oct-24 Oct-24 ¹ | Oct-24 Oct-24 ¹ | Nov-25 Nov-25 ¹ | Nov-25 Nov-25 ¹ | Dec-25 ¹ | Dec-25 ¹ |
| 2 | Palmdale to Burbank | Plan Forecast % Complete | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Complete 100% | Dec-23 Apr-24 | Dec-23 Apr-24 | Jun-24 | Jun-24 |
| 3 | 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.

Project Development – Key Actions

Project Development (Environmental Clearance) – Key Actions Summary

| Project Section | Key Actions |
|--------------------------------------|--|
| San Francisco To San Jose | Environmental Clearance activities complete. Authority is currently in settlement discussions for ongoing litigation activities. |
| San Jose To Merced | Environmental Clearance activities complete. The Authority is participating in post-Record of Decision (ROD) coordination with external stakeholders such as the Transportation Authority of Monterey County, Grasslands Water District, City of San Jose, and others. |
| Central Valley Wye | Conducted monthly progress meeting with County of Madera on Fairmead mitigation projects. Environmental Clearance activities complete. Transition to Merced Extension (Merced to Madera). |
| Locally Generated Alternative | Environmental Clearance activities complete. Transition to Bakersfield Extension (LGA). |
| Bakersfield To Palmdale | Work through 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. |
| Palmdale To Burbank | Final set of comments on the Administrative Final EIR/EIS were received from the Cooperating Agencies on January 8, 2024. Major activities on this project section included finalizing response to comments, preparing the Final EIR/EIS, and preparing permitting documents. |
| Burbank To Los Angeles | Work through NOD/ROD has been completed. Project closeout activities are ongoing. Authority is currently in settlement discussions for ongoing litigation activities. |
| Los Angeles To Anaheim | During the month of January 2024, the LA-A project team held a virtual information session with the City of Fullerton and participated in on-going monthly meetings with HSR LA-A Regulatory Agencies and Caltrans. Other activities included: continued reviewing deliverables and advancing documentation in support of the Staff Recommended Preferred Alternative towards a completion date during Q1 2024 and presentation to the HSR Board for approval in April 2024. |

Project Development (Post-ROD) – Key Actions Summary

| Project Section | Key Actions |
|--|--|
| Merced Extension (Merced to Madera) | Stantec Inc., under agreement HSR 22-02, continues to make progress on the 30% design goals for this Project. Third Party coordination is advancing with the local agencies and utility companies. 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 October 11, 2023. A series of Value Engineering and Value Analysis Workshops were held in October 2023; and completed in November 2023. The Authority is evaluating the recommendations that came through the Value Engineering (VE) and Value Analysis (VA) process. Final direction will be provided to the consultant in February 2024; which will be incorporated into the design. NTP-2 (to advance to 100% design and construction ready documents in Stage 4) was approved by the Board on January 18, 2024. |

**Fresno to Bakersfield
Locally Generated
Alternative (LGA)**

HNTB Corporation (HNTB), under agreement HSR 22-01, continues to make progress on the 30% design goals for this Project. The LGA and HNTB teams have been holding various over the shoulder design reviews with the HSR Engineering Team to assist with design progression. The LGA team has met with the FRA for the first monthly update meeting related to the CRISI Grant award for 6 BNSF grade separations through the City of Shafter. The ROW priority acquisition plan remains under development for both the Shafter area associated with the recent grant award and the remainder of the alignment from Riverside St to the F St Station. Third Party coordination is continuing to advance with the local agencies and utility companies, and reimbursement agreements are in various stages of negotiations with these stakeholders. The LGA team has completed the Value Analysis Study and is evaluating the proposed options for potential recommendation for inclusion into the design package. HNTB submitted the Draft Configuration Footprint to the Authority on December 29, 2023, and it was accepted by the Authority on January 16, 2024.