



Central Valley Status Update

Getting to Construction

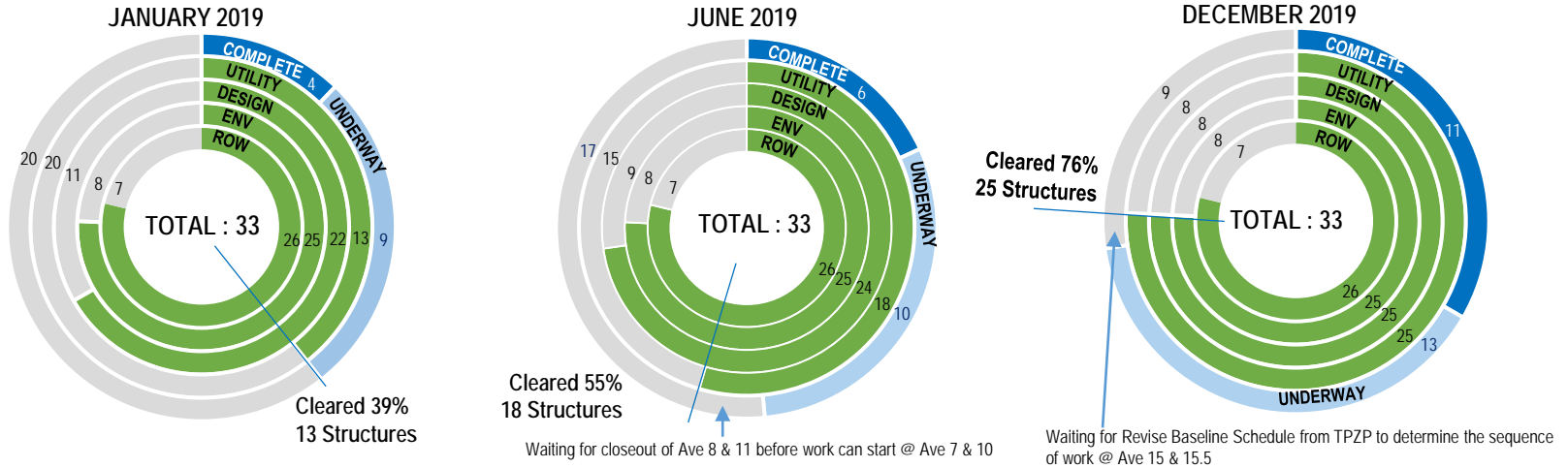
July 16, 2019

May 2019 Data

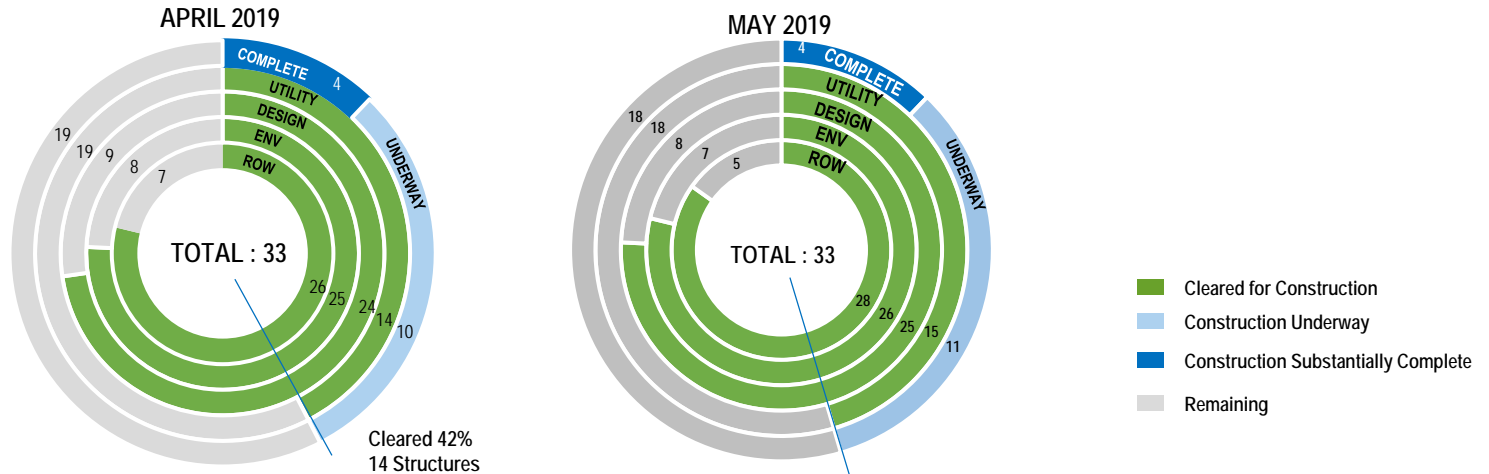
CP 1 Progress Update

Forecast vs. Actual - Structures

CONSTRUCTION CLEARANCE/ PROGRESS FORECAST - NUMBER OF STRUCTURES



ACTUAL PROGRESS - NUMBER OF STRUCTURES

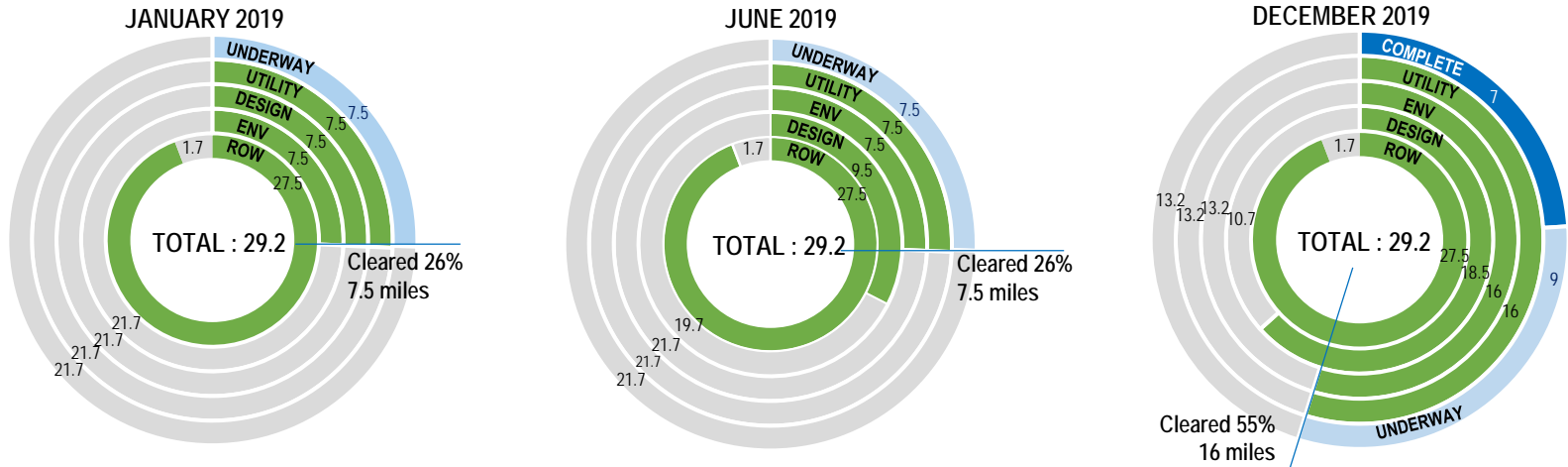


- Cleared for Construction
- Construction Underway
- Construction Substantially Complete
- Remaining

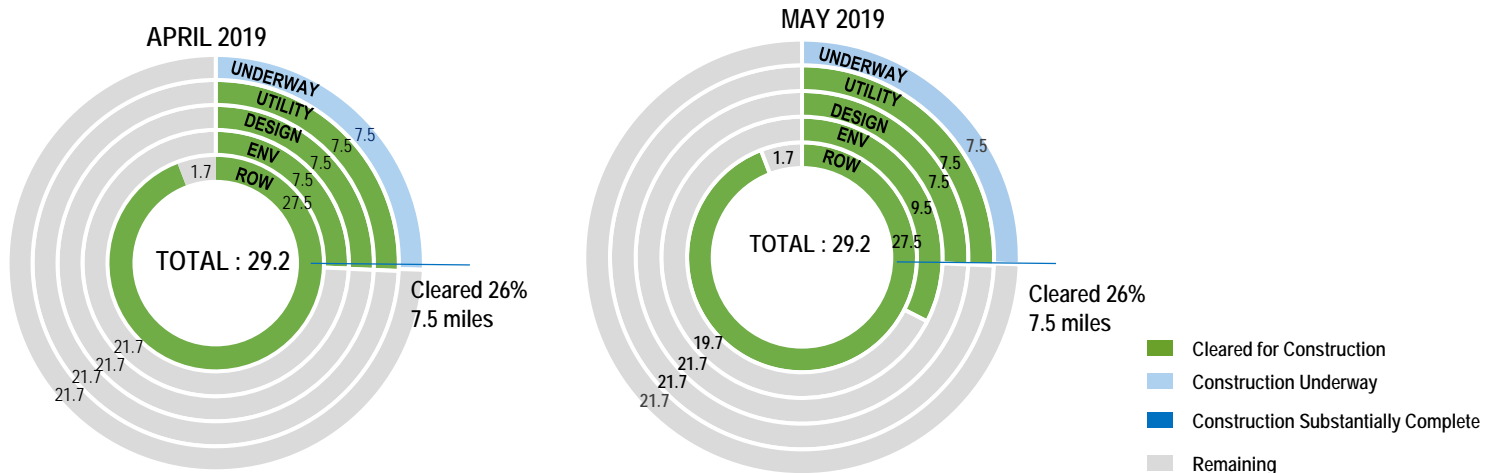
CP 1 Progress Update

Forecast vs. Actual - Guideway

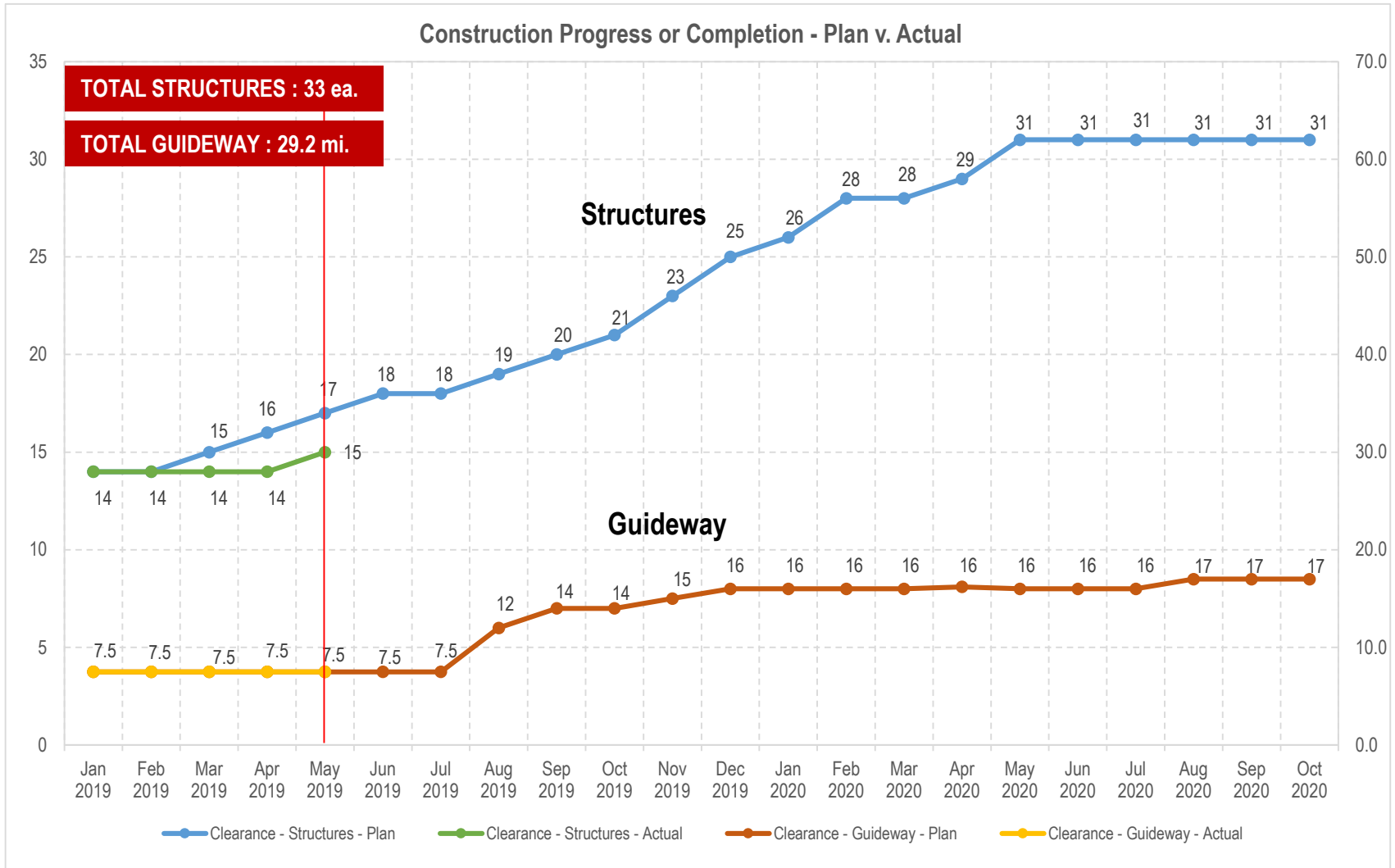
CONSTRUCTION CLEARANCE/ PROGRESS FORECAST – MILES OF GUIDEWAY



ACTUAL PROGRESS – MILES OF GUIDEWAY



CP 1 Progress to Completion – Plan vs. Actual



CP 1 Progress Update

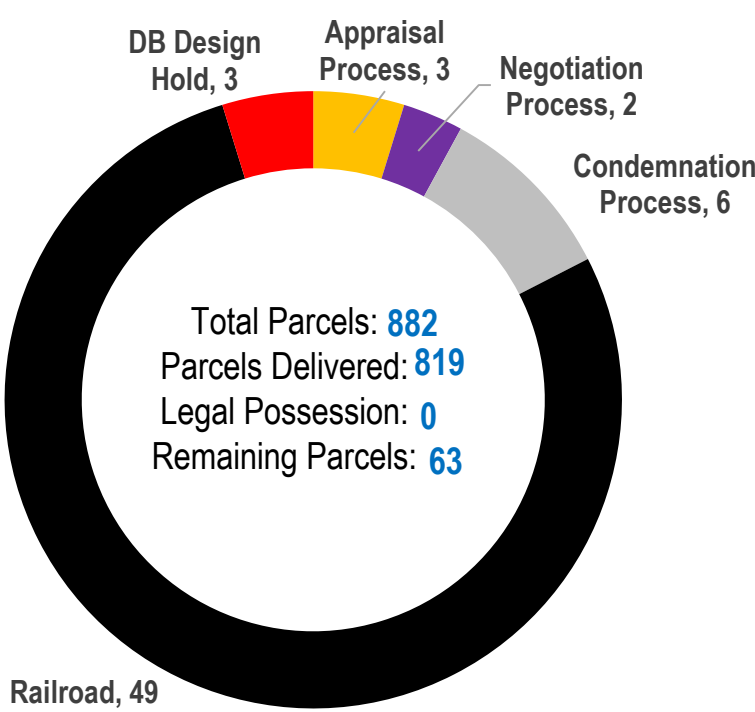
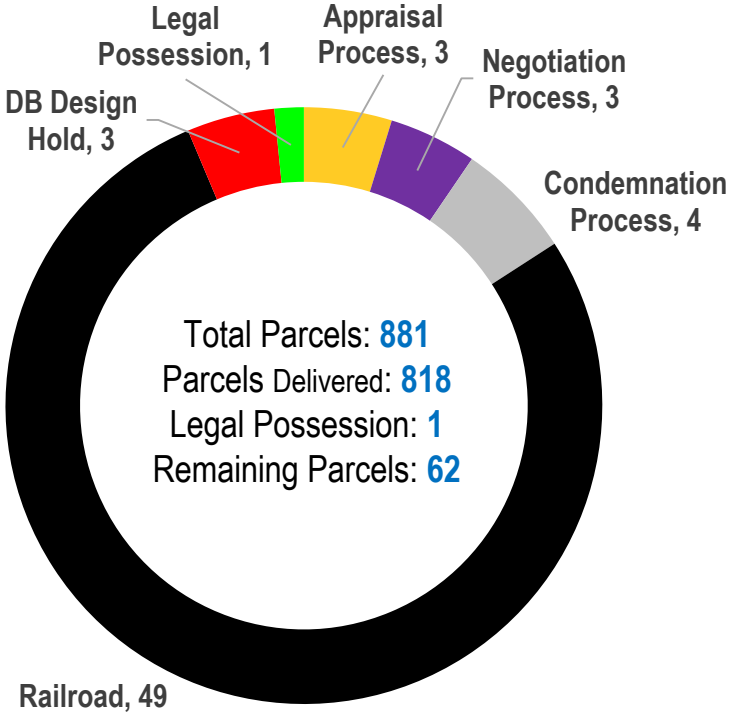
ROW Acquisition Status



0.0% 20.0% 40.0% 60.0% 80.0% 100.0%

April 2019

May 2019



CP 1 Progress Update

Provisional Sums



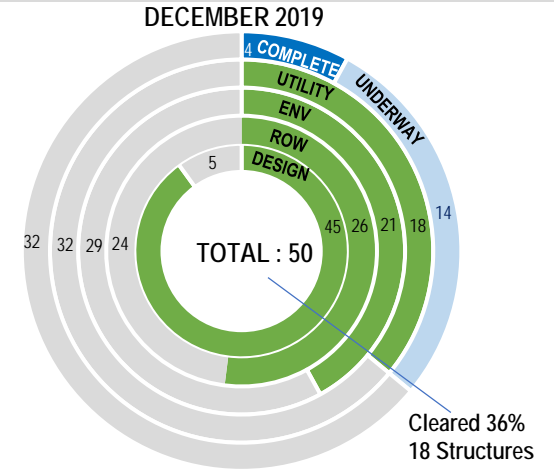
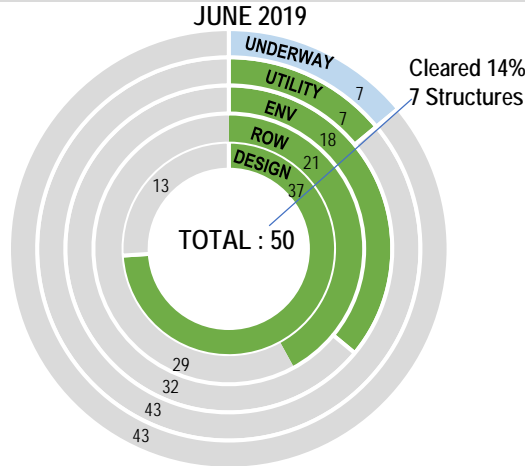
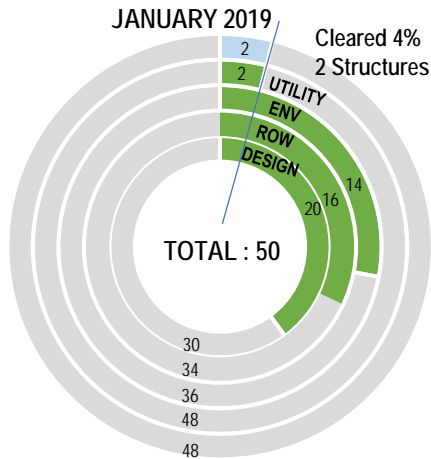
CP 1 Critical Actions – Getting to Construction

- ▶ Third Party - Resetting relationships
 - CDFW
 - Intrusion Protection Barrier (IPB) Re-Exam
 - Hairy Orcutt Grass Occupied Pools – pursuing agreement to commence construction prior to mitigation
 - PG&E – Finalizing design and access issues & complete 6-month shelf reviews
 - Irrigation Districts
 - Finalize construction and post-construction requirements
 - AT&T: Stagger cut-over and DB designed workarounds
 - UPRR Design Variances: Focus Team targeting to resolve quickly
- ▶ Commercial
 - Time Impact Analysis (TIA) to Improve baseline schedule
 - Intrusion Protection Barrier (IPB) System
 - Negotiation underway:
 - Mechanically Stabilized Earth (MSE) Walls
 - Northern Extension
 - Herndon Avenue
- ▶ Design - Engaging Team members to:
 - Resolve utility design and Rail Road variances
 - Finalize designs in cooperation with third-party requirements
- ▶ Utility Provisional Sums: Complete design & start construction
- ▶ ROW – working with DB to identify and acquisition DB requested additional ROW for utility relocations
- ▶ Weather – Less rain in the forecast will allow for more work.

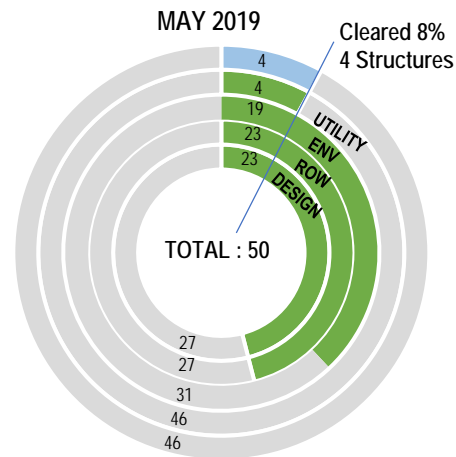
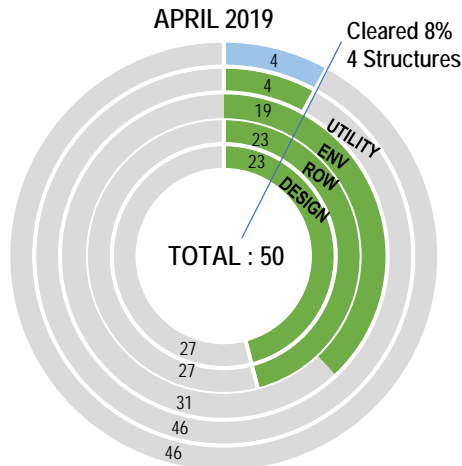
CP 2-3 Progress Update

Forecast vs. Actual - Structures

CONSTRUCTION CLEARANCE/ PROGRESS FORECAST - NUMBER OF STRUCTURES



ACTUAL PROGRESS - NUMBER OF STRUCTURES

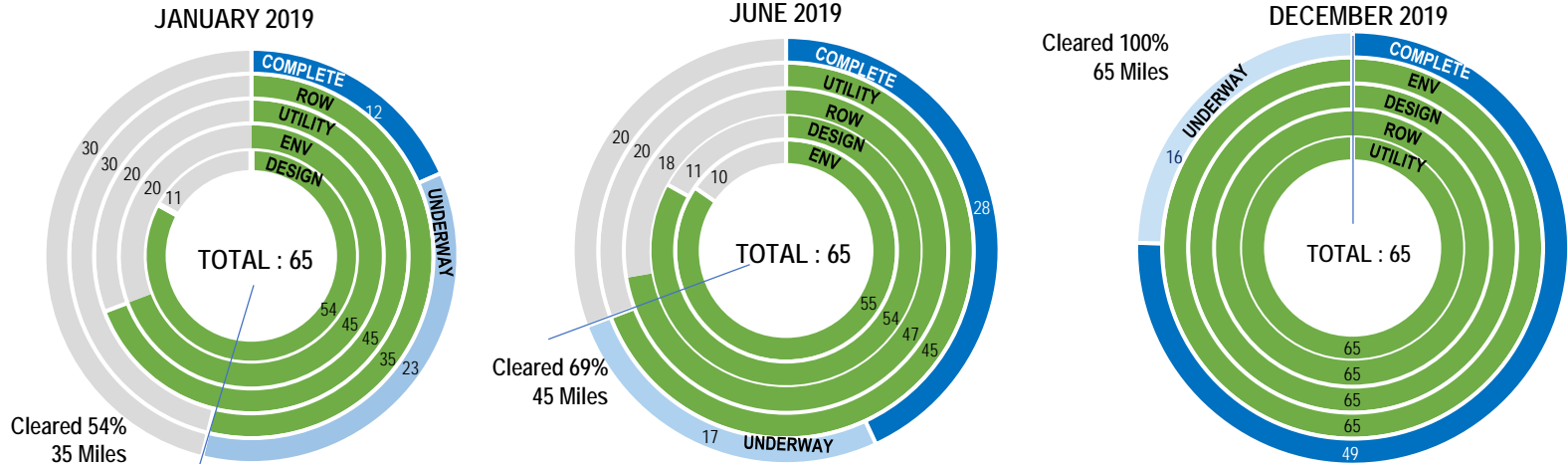


- Cleared for Construction
- Construction Underway
- Construction Substantially Complete
- Remaining

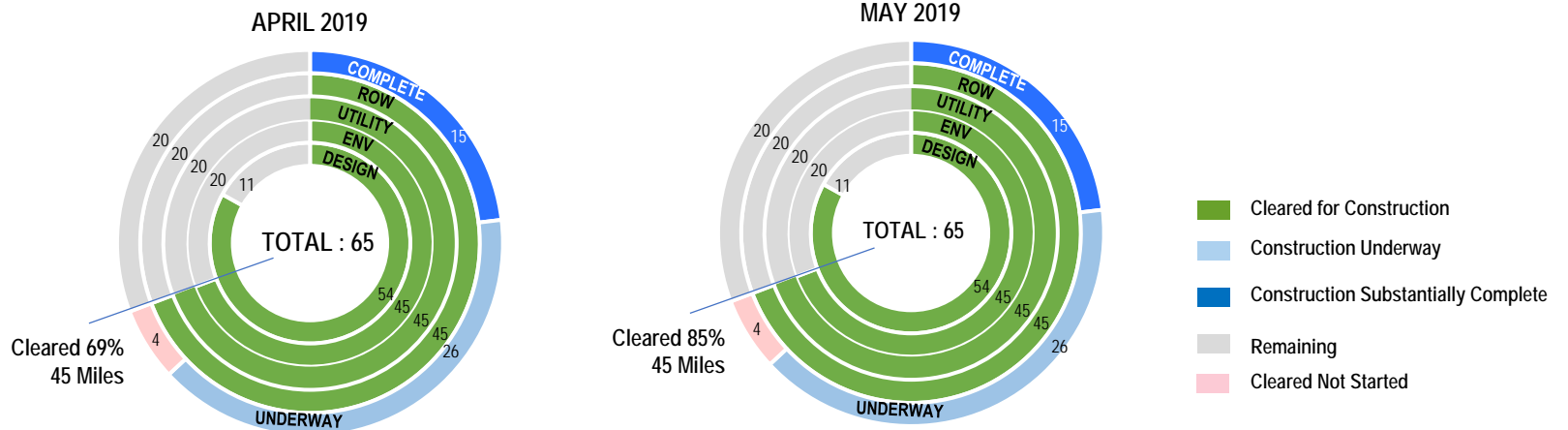
CP 2-3 Progress Update

Forecast vs. Actual - Guideway

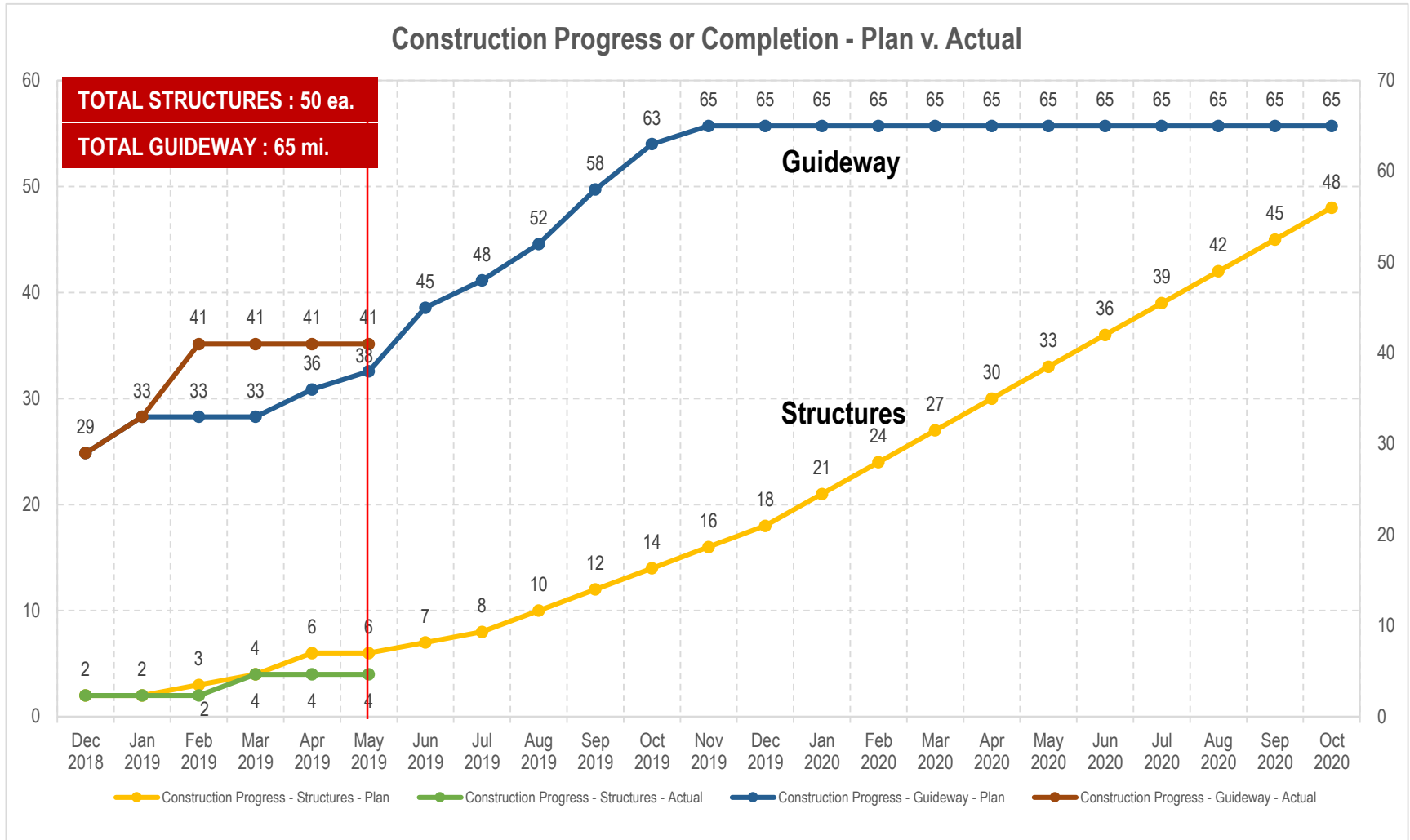
CONSTRUCTION CLEARANCE/ PROGRESS FORECAST - MILES OF GUIDEWAY



ACTUAL PROGRESS - MILES OF GUIDEWAY

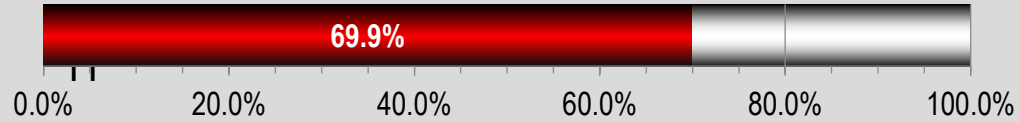


CP 2-3 Progress to Completion – Plan vs. Actual

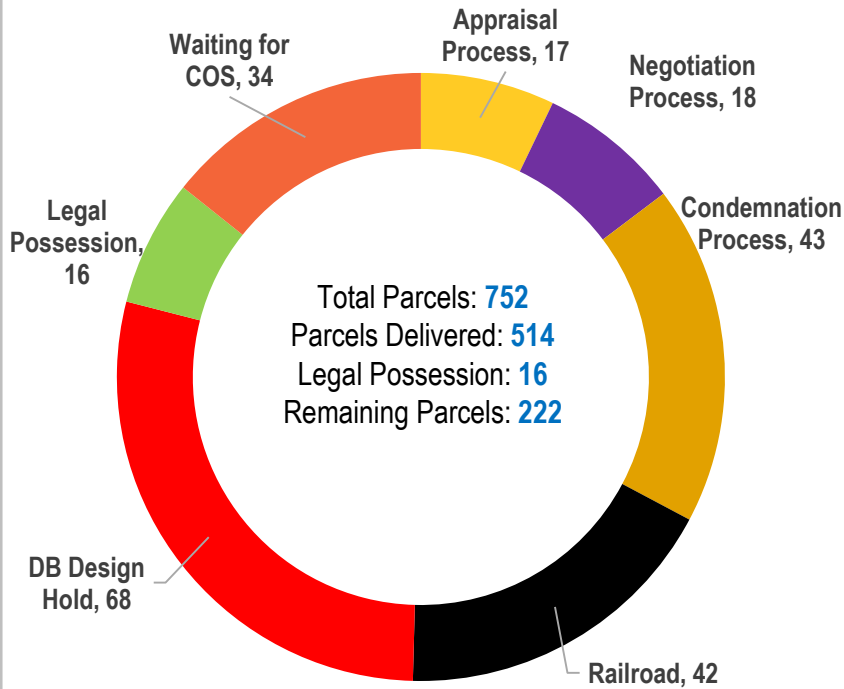


CP 2-3 Progress Update

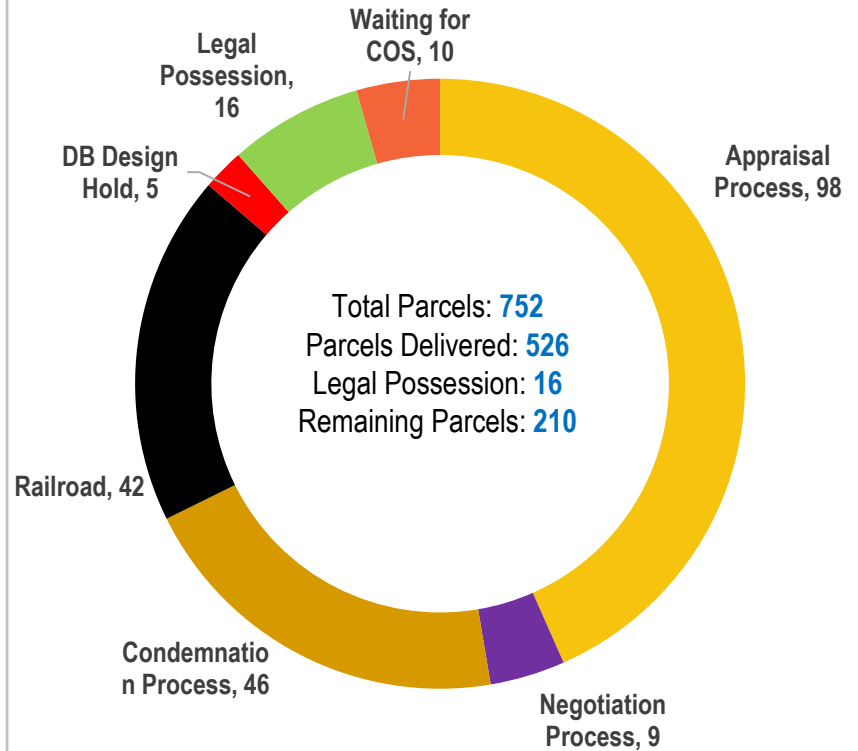
ROW Acquisition Status



April 2019

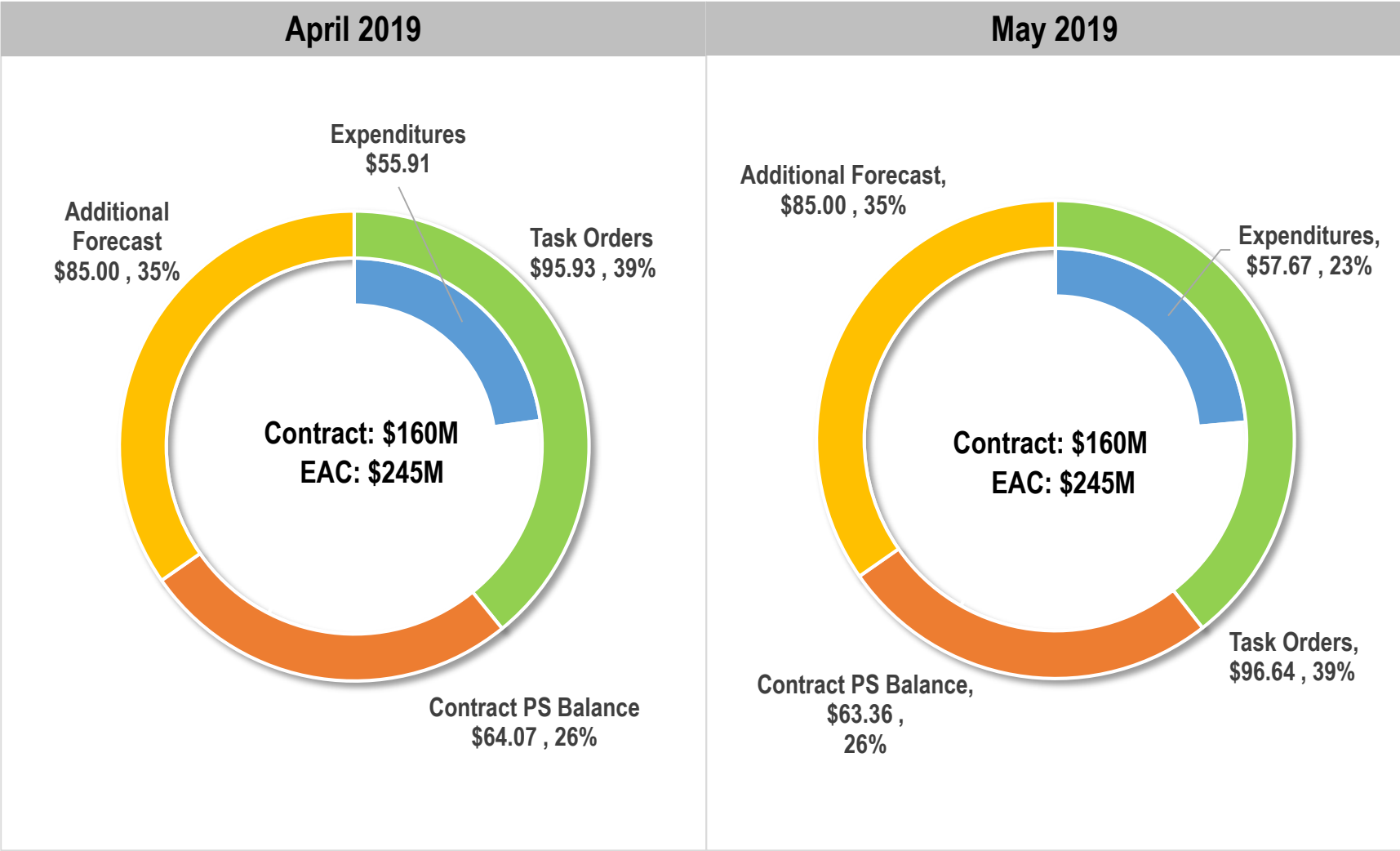


May 2019



CP 2/3 Progress Update

Provisional Sums



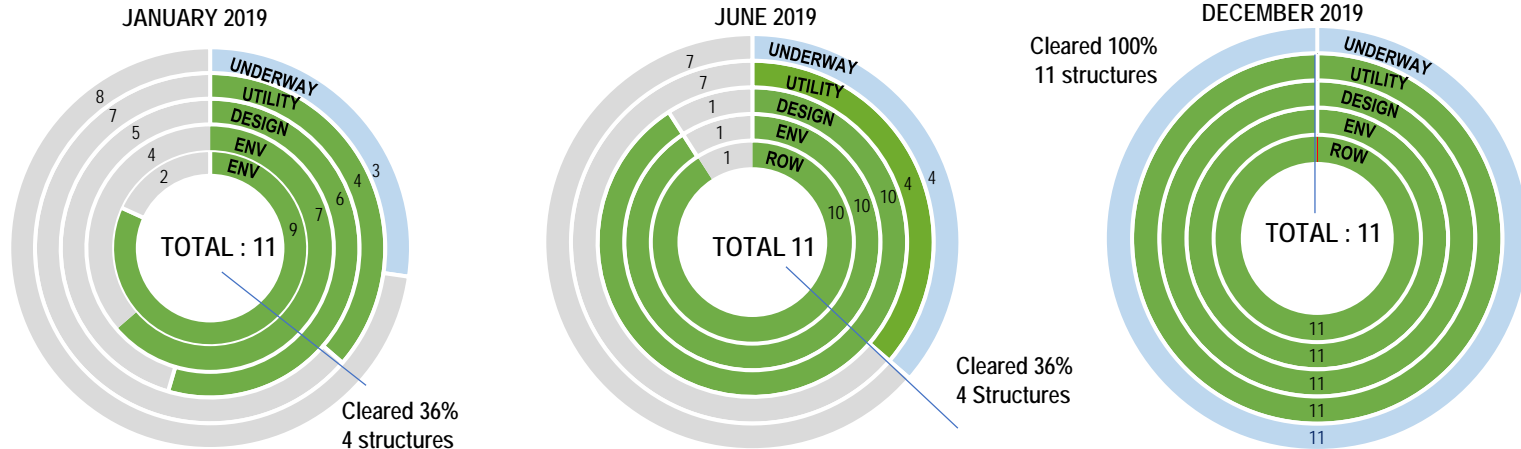
CP 2-3 Critical Actions – Getting to Construction

- ▶ Third Party - Resetting Relationships
 - Fresno County permit – CP Team leader and Regional Director meeting with Fresno County Director monthly to work through issues
 - Kings County
 - Irrigation Districts – execute agreements & approval of CDFW sub-notifications
 - Sempra – optimize design and construction schedules and finalize out grants for Sempra relocated utilities
 - PG&E – reset design and access expectations, move approved packages to construction
 - CDFW
 - Multiple Incidental Take Permit (ITP) amendments being proposed to CDFW to align with Design Builder’s concepts
 - Trapping season has begun for San Joaquin Antelope squirrel
 - BNSF - agreements to be Executed
- ▶ Commercial - Project Change Orders
 - Time Impact Analysis (TIA)
 - Intrusion Protection Barrier (IPB) System
 - Mechanically Stabilized Earth (MSE) Walls
 - Deer Creek and Cross Creek Bridges
- ▶ Design - Form Focus Team to drive completing design in line with ROW and Environmental
- ▶ Utility Provisional Sums: Complete design & start construction
- ▶ ROW - Focus Team targeting DB-identified critical parcels
 - Delivery dates linked to schedule meets or exceeds forecasted delivery date on majority of acquisitions
- ▶ Weather – Less rain in the forecast will allow for more work.

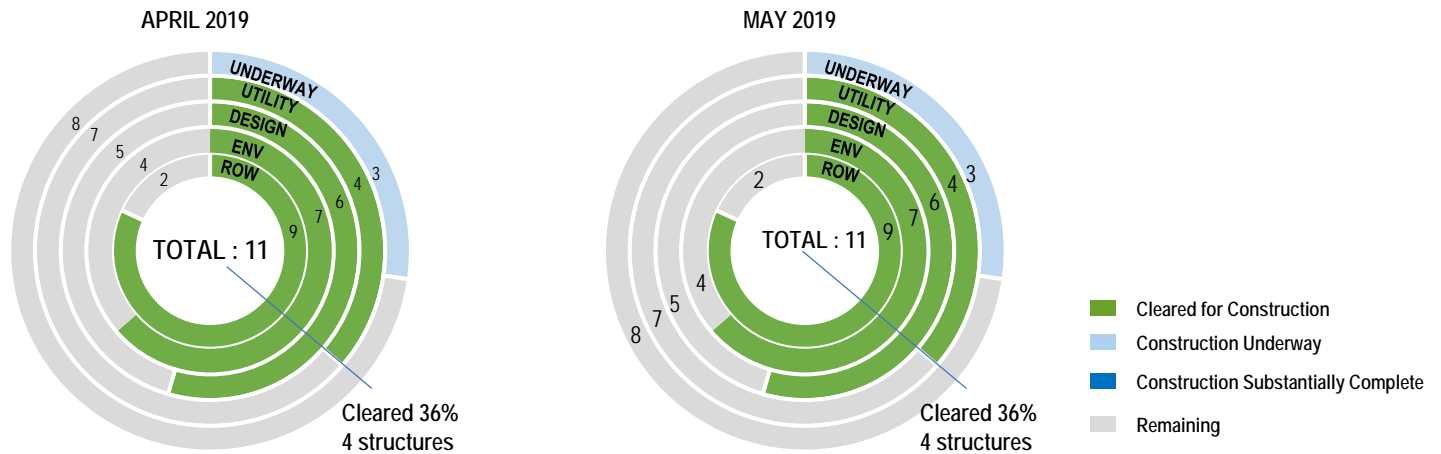
CP 4 Progress Update

Forecast vs. Actual - Structures

CONSTRUCTION CLEARANCE/ PROGRESS FORECAST - NUMBER OF STRUCTURES



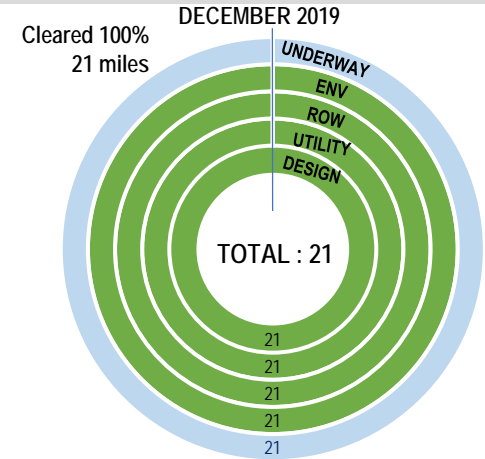
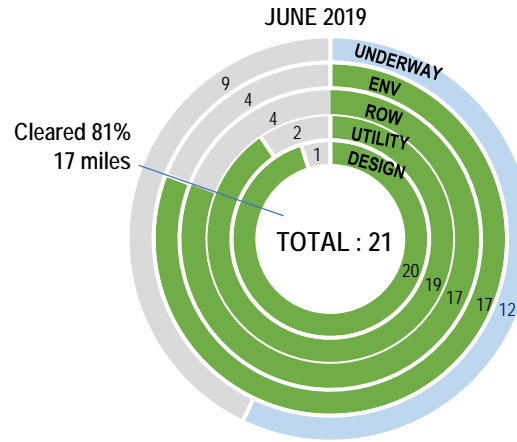
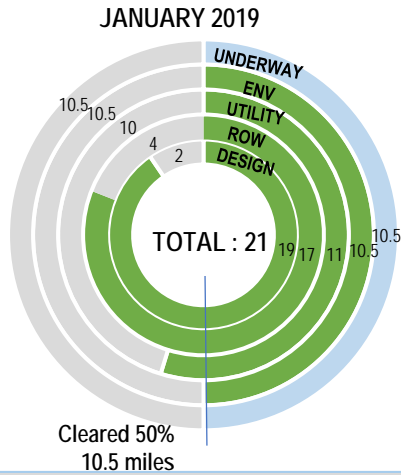
ACTUAL PROGRESS - NUMBER OF STRUCTURES



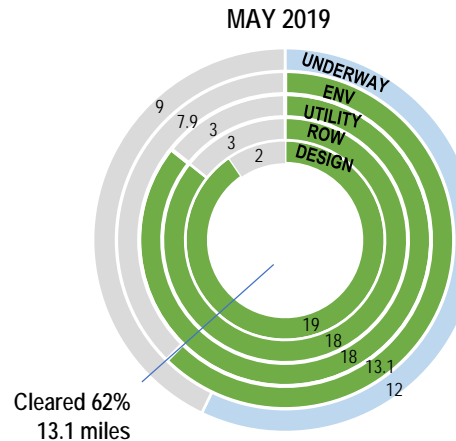
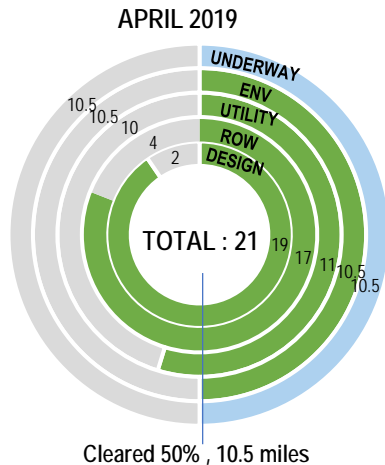
CP 4 Progress Update

Forecast vs. Actual - Guideway

CONSTRUCTION CLEARANCE/ PROGRESS FORECAST - MILES OF GUIDEWAY

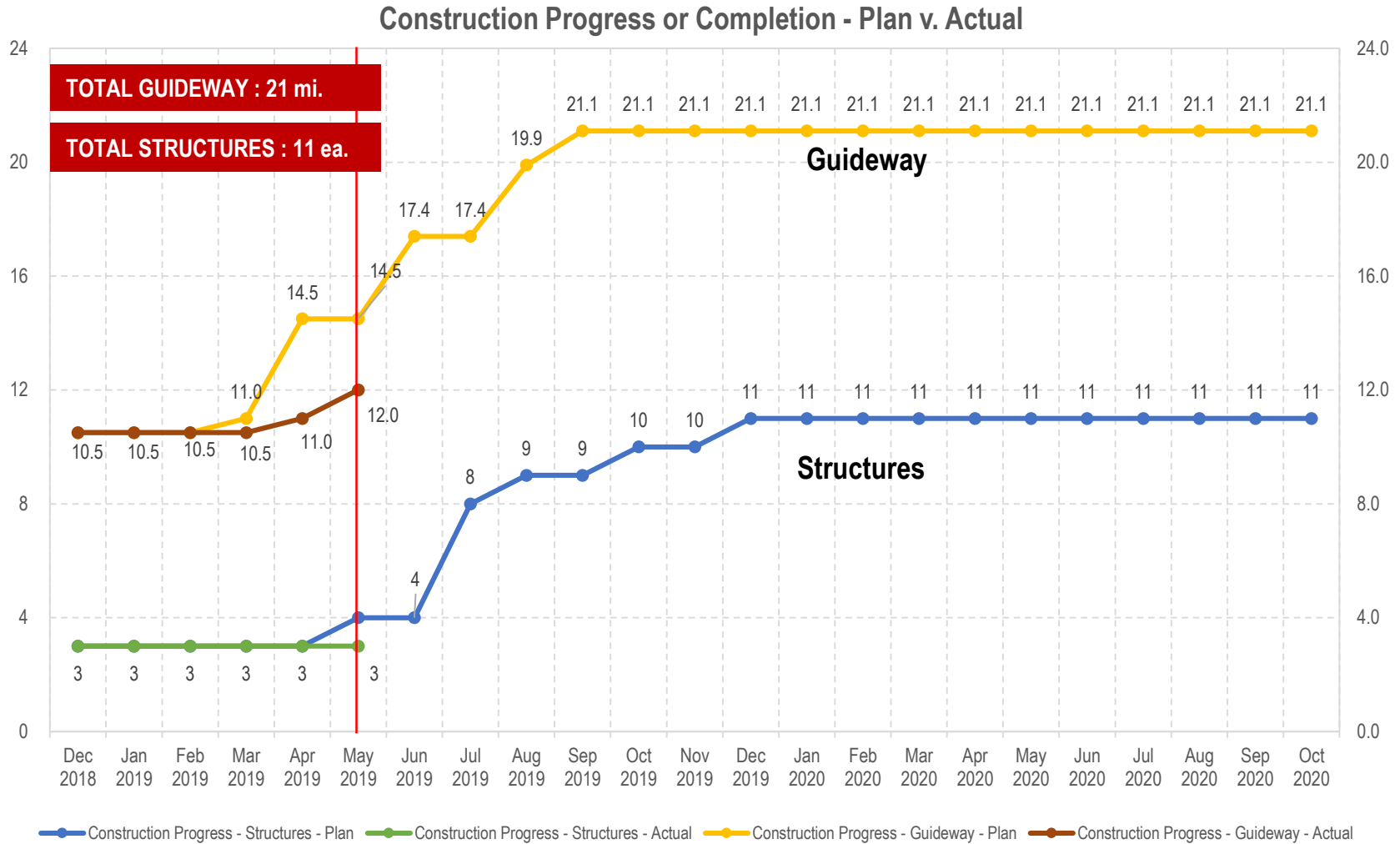


ACTUAL PROGRESS - MILES OF GUIDEWAY



- Cleared for Construction
- Construction Underway
- Construction Substantially Complete
- Remaining

CP 4 Progress to Completion – Plan vs. Actual



CP 4 Progress Update

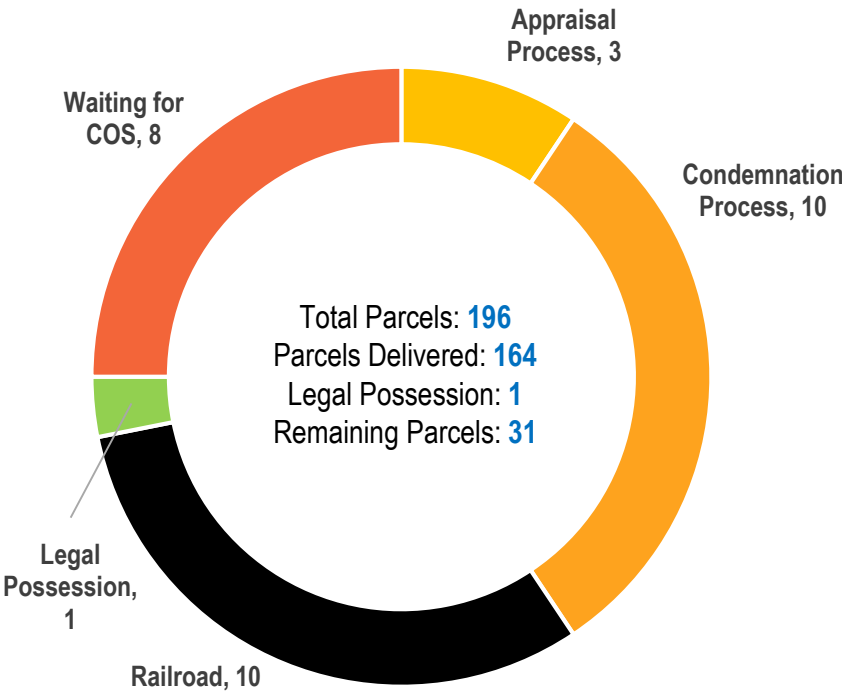
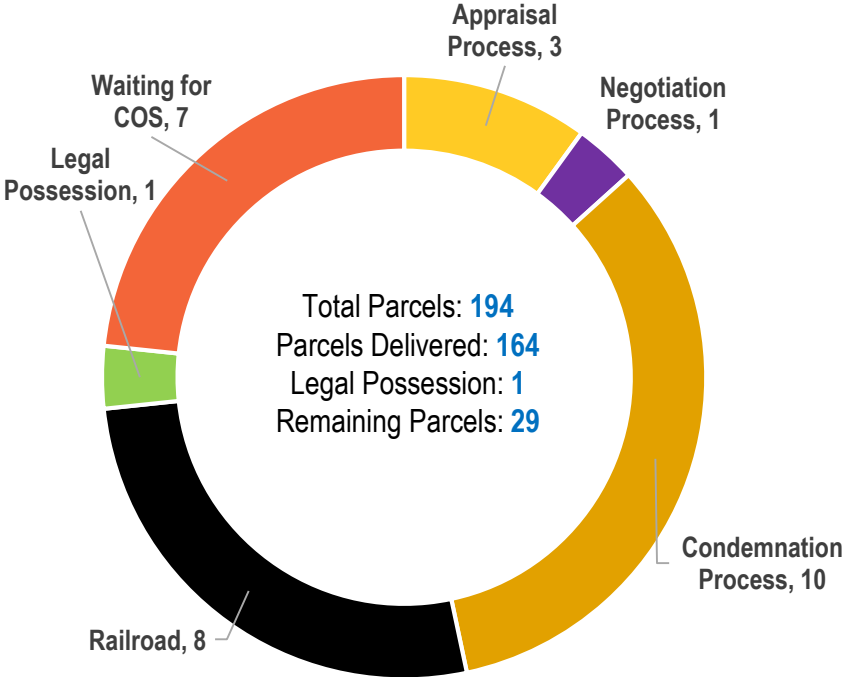
ROW Acquisition Status



0.0% 20.0% 40.0% 60.0% 80.0% 100.0%

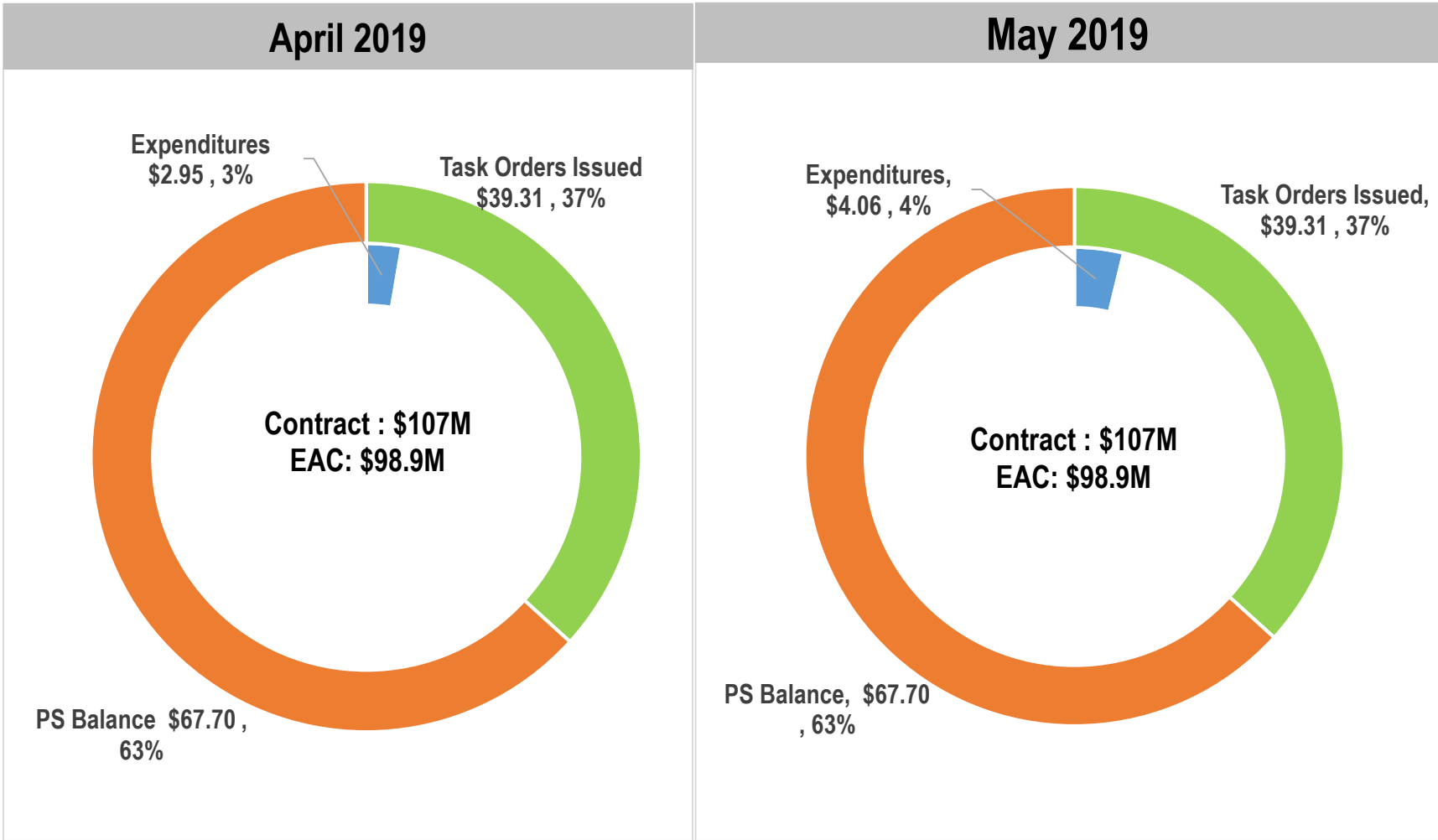
April 2019

May 2019



CP 4 Progress Update

Provisional Sums

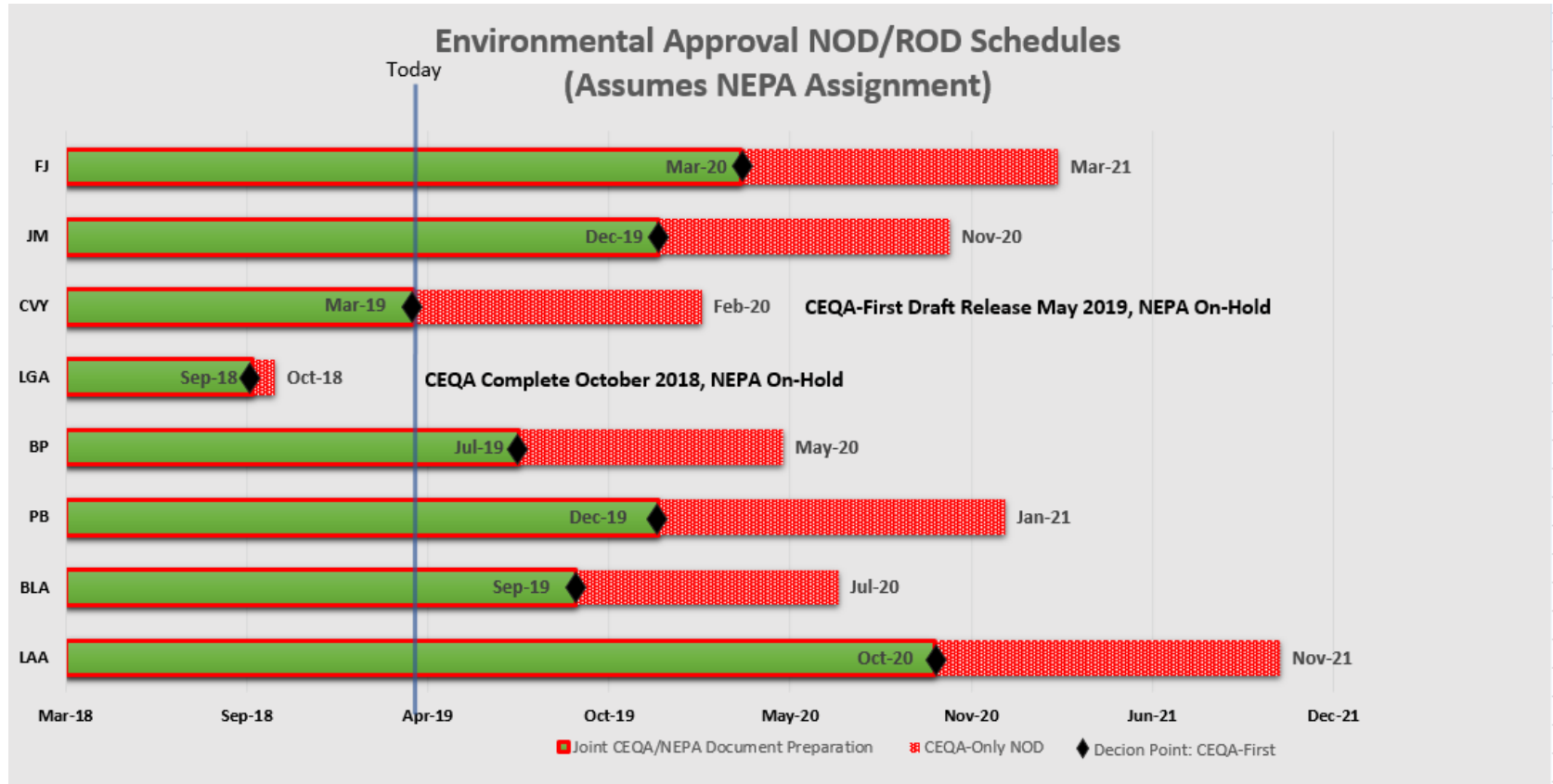


CP 4 Critical Actions

- ▶ Third party relationships – Resolve design and access issues with key third party utility owners
 - PG&E
 - Sempra
 - Semitropic
 - Kern County
 - CDFW - Multiple Incidental Take Permit (ITP) amendments being proposed to CDFW to align with DB design
- ▶ Commercial – Project Change Orders
 - Semitropic additional facilities
 - Intrusion Protection Barrier (IPB) System
 - Mechanically Stabilized Earth (MSE) Walls
- ▶ Design - Forming joint Focus Team for design review
 - Wasco Viaduct
 - DB QA/QC program and process
- ▶ Utility Provisional Sums: Complete design & start construction
- ▶ ROW – DB Critical ROW Remaining
 - 23 parcels remain
- ▶ Weather – Less rain in the forecast will allow for more work.

Records of Decision (ROD)

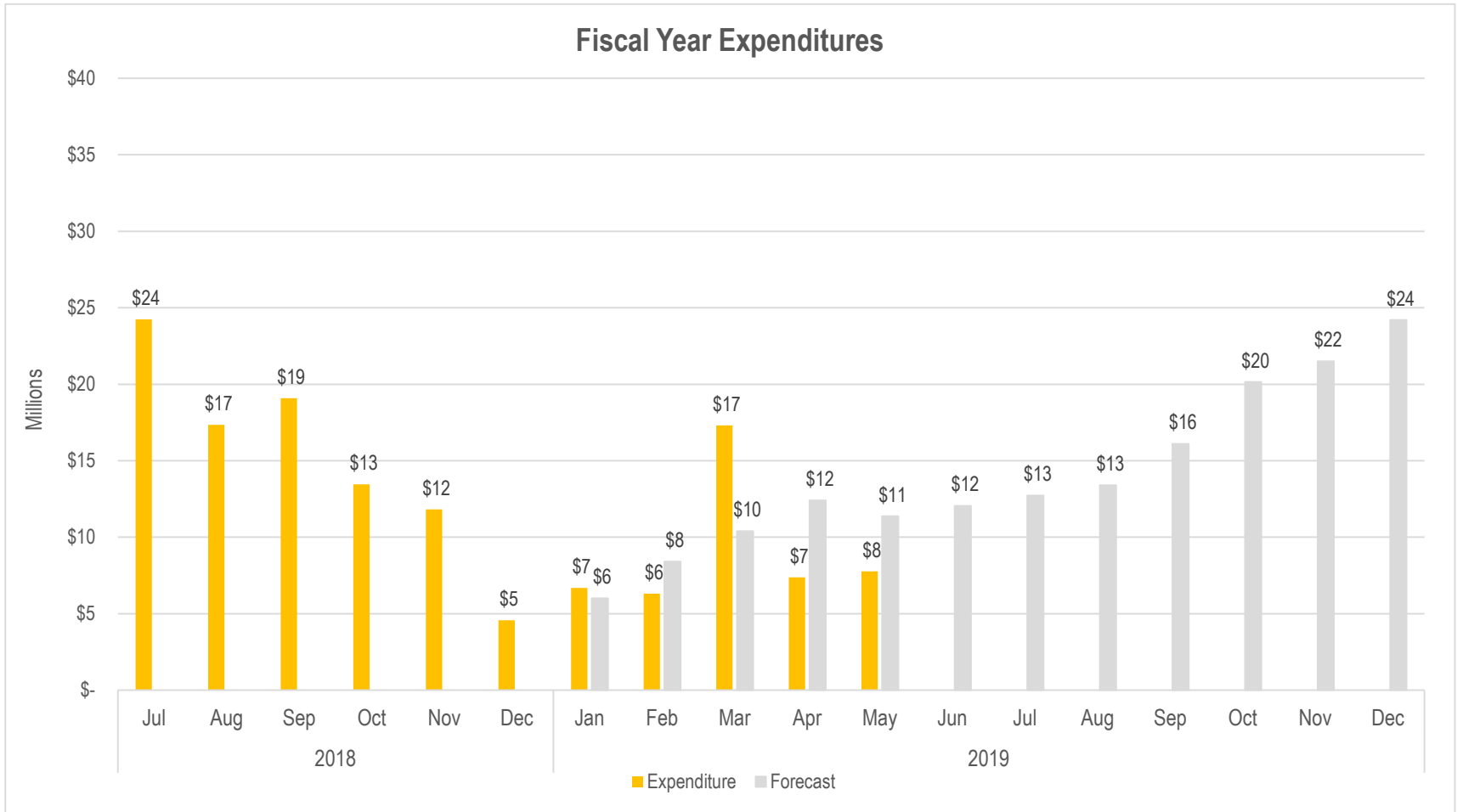
Status Report



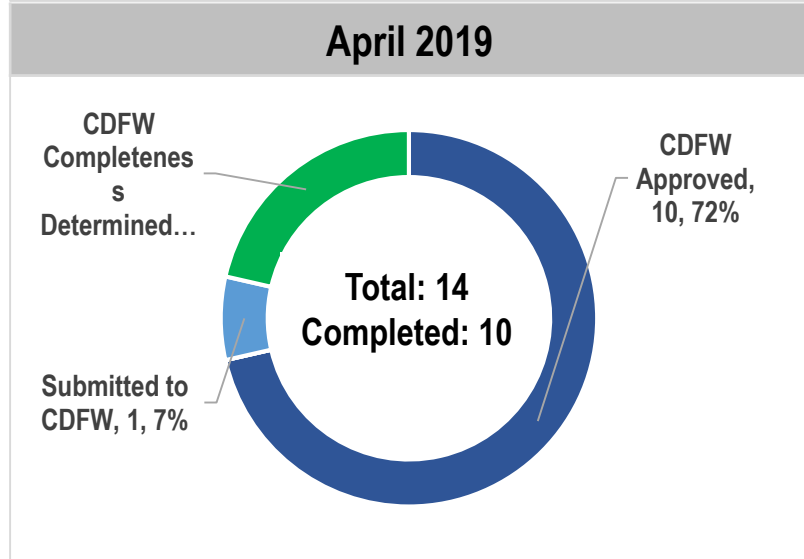
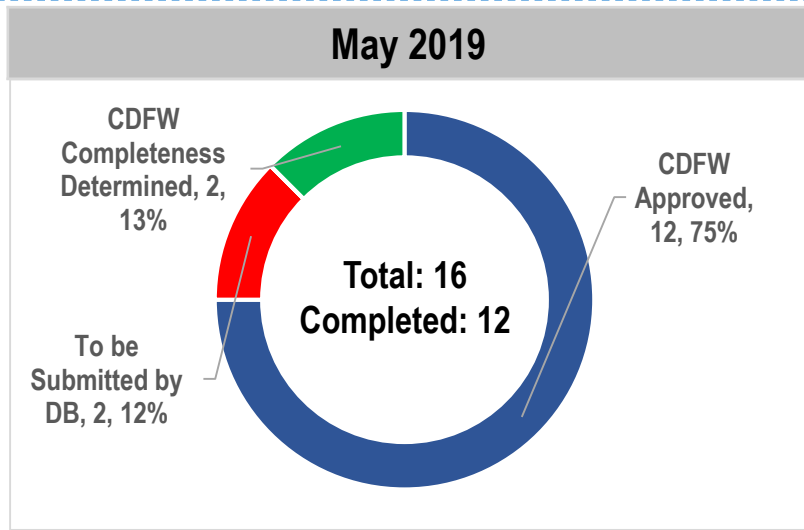
- ▶ Communicating with FRA to NEPA Reviews and NEPA Assignment
- ▶ Advancing a CEQA First Strategy
- ▶ Authority policies and procedures in anticipation of NEPA Assignment
- ▶ LA to Anaheim: Coordinating with CalSTA and other local transportation agencies to optimize existing BNSF corridors

Addendum

CP 1 Planned vs. Actual Expenditures – Near Term

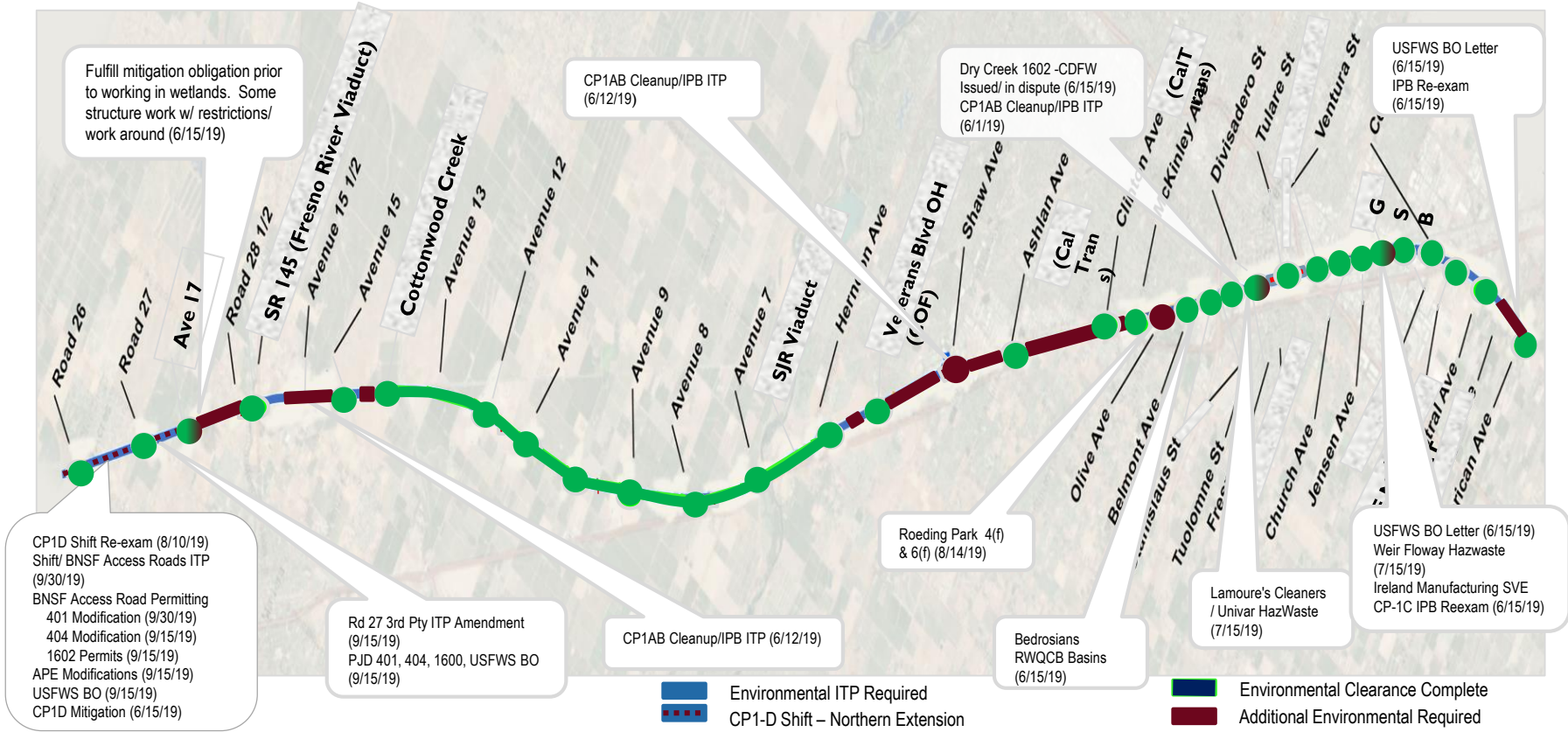


CP 1 Environmental Clearance – ITP Amendments



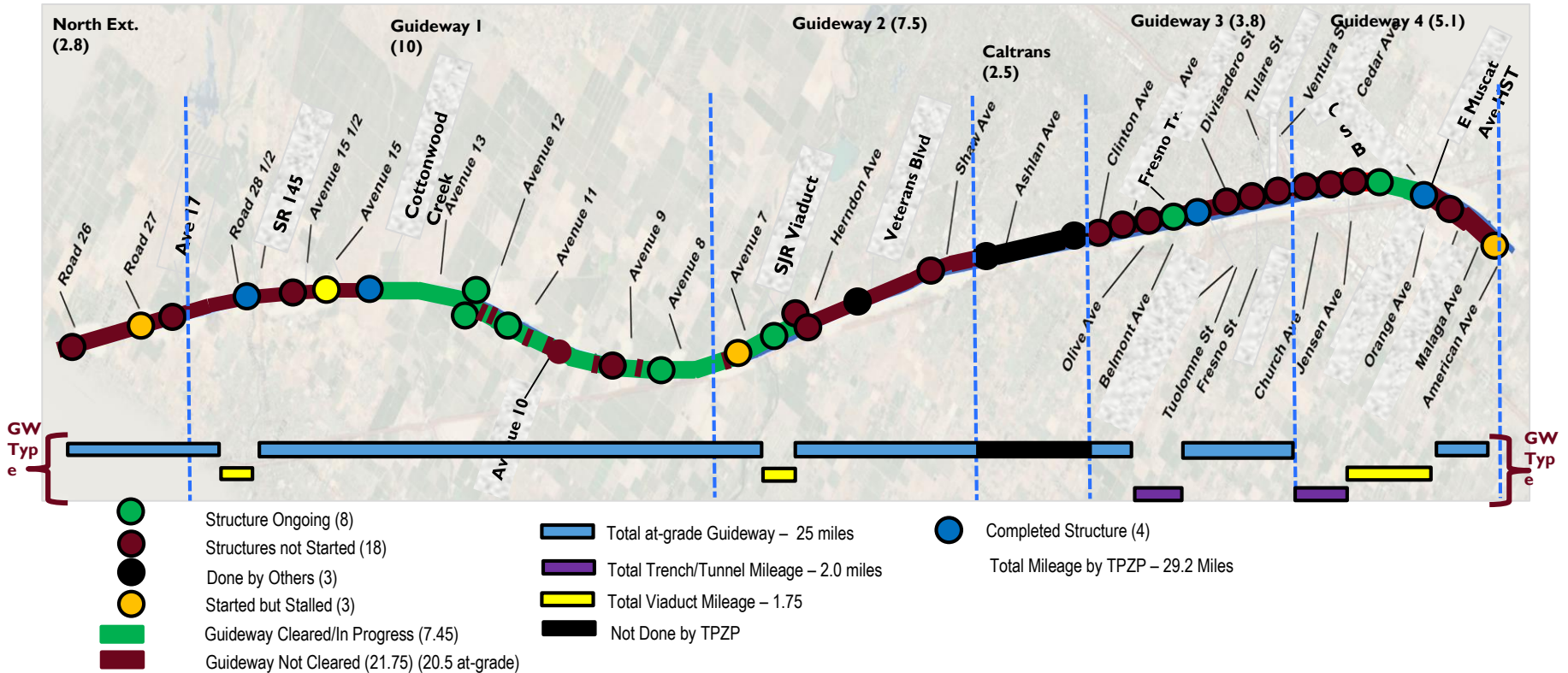
ID	CP-1 ITP Amendment Package	Current Status (June 19, 2019)	CDFW Permit Amendment Issuance
1MF	M-F Language Amendment	Completed	8/22/2014
2MF	M-F Language, FRV Design Refinements, SJR Staging, GSB Yard	Completed	6/15/2015
3MF	M-F Level 12+, Ave 13, HOG, CP1D RD 27, Ave 17	Completed	9/20/2016
4MF	M-F Lazy K	Completed	11/1/2016
1FB	F-B Language, Acreages (Major)	Completed	4/16/2017
5MF	M-F CP1D, Utility Clean up	Completed	6/27/2017
2FB	F-B Map Books, Pre-con Surveys	Completed	9/26/2018
6MF	M-F CP1D Mitigation Amendment	Completed	9/28/2018
3FB	F-B Language	Completed	10/5/2018
7MF	M-F Fresno Trench IPB and Dry Creek Canal	Completed	3/1/2019
4FB	F-B CP-1C IPB	Completed	5/1/2019
8MF	M-F Impacts, HaOrGr	Completed	5/31/2019
9MF	M-F CP-1AB Cleanup/IPB	Completed	6/17/2019
10MF	M-F Road 27	CDFW Completeness Determined	8/10/2019
11MF	M-F Utility Design Refinements #1	TPZP Rev 1	11/28/2019
11MF	M-F Utility Design Refinements #2	To Be Submitted by DB	11/29/2019

CP1 Environmental Clearance Status

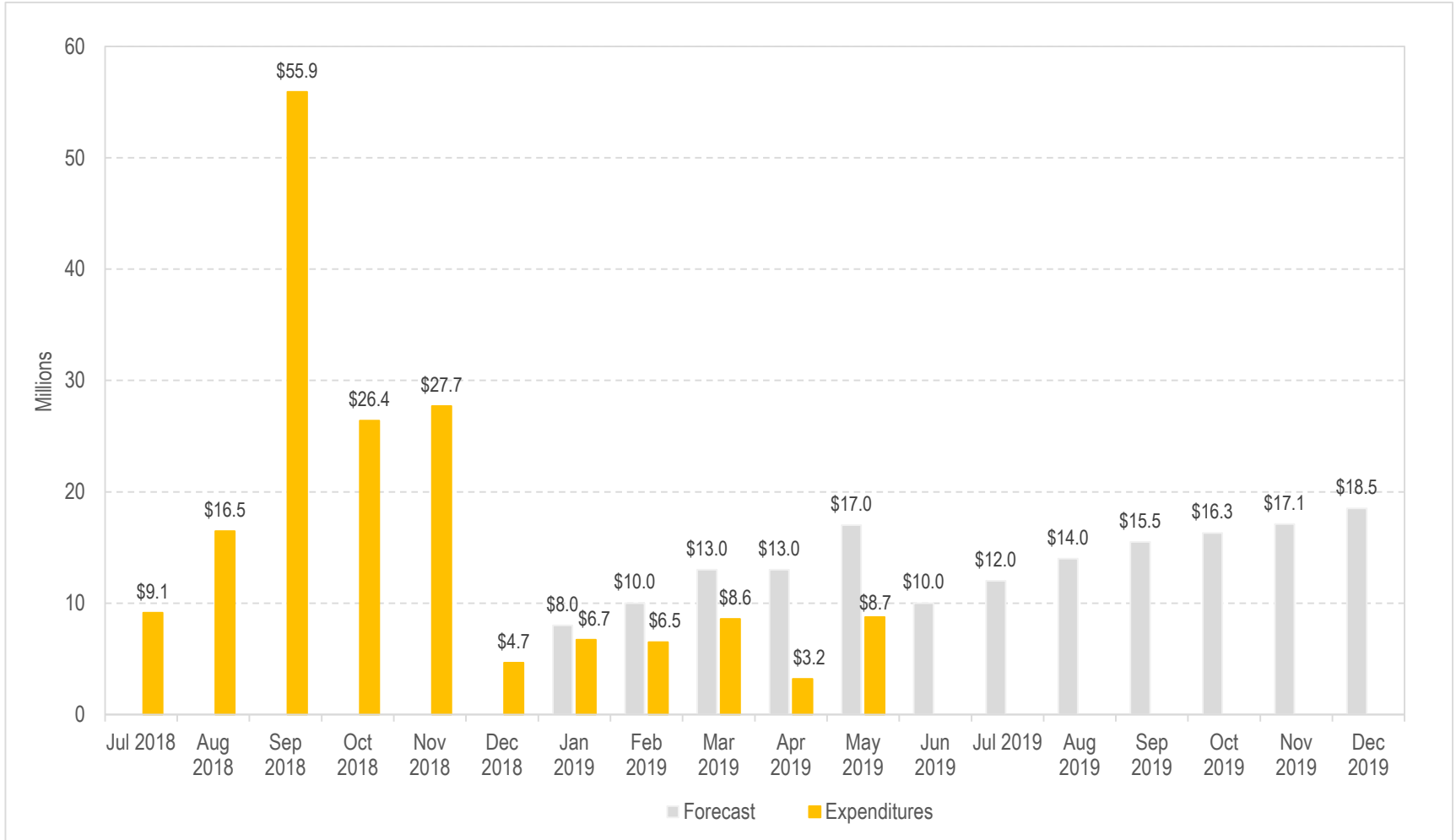


CP 1 Getting to Construction Update

Structures and Guideway Clearance for Construction Status



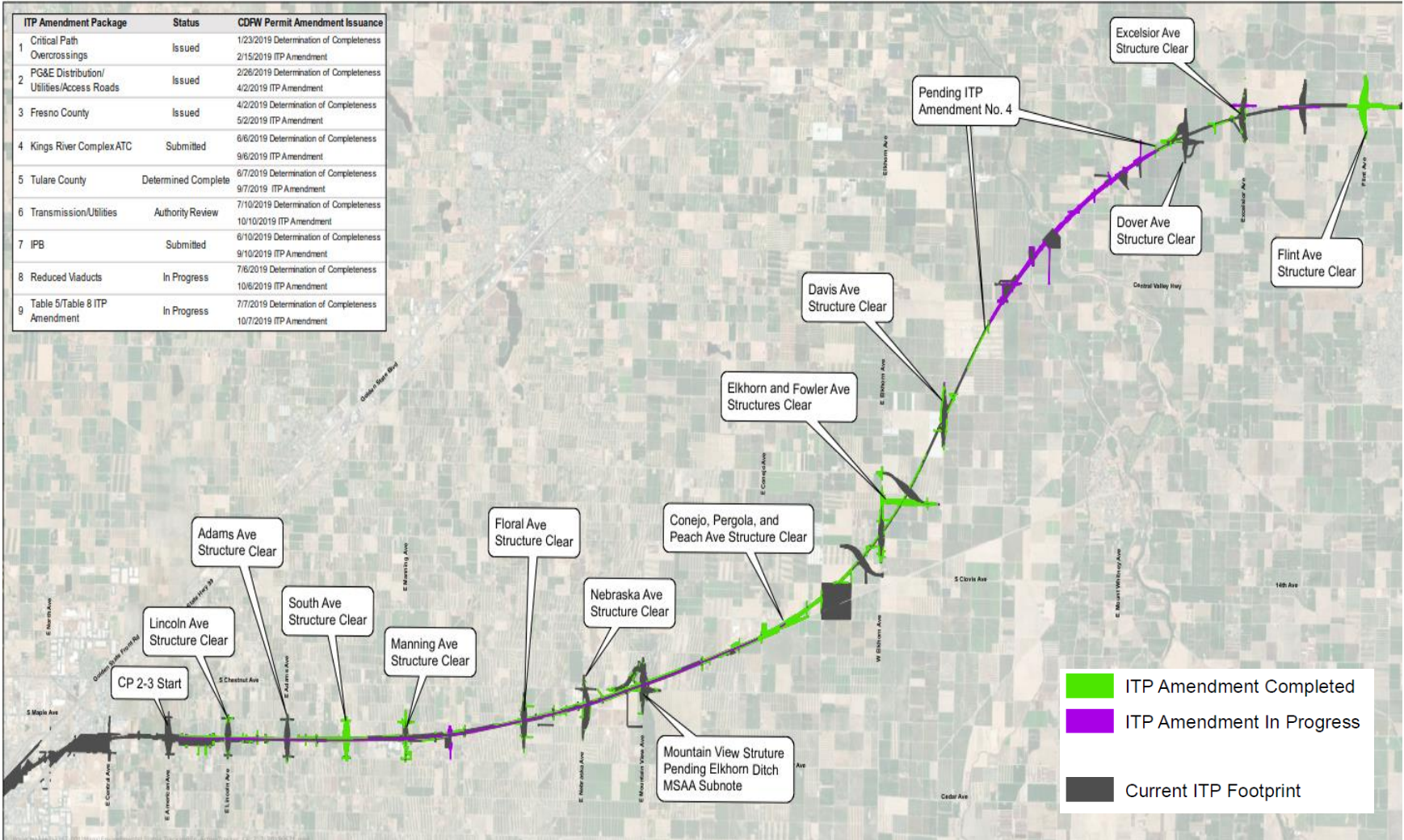
CP 2-3 Expenditures Near-term – Planned v. Actual



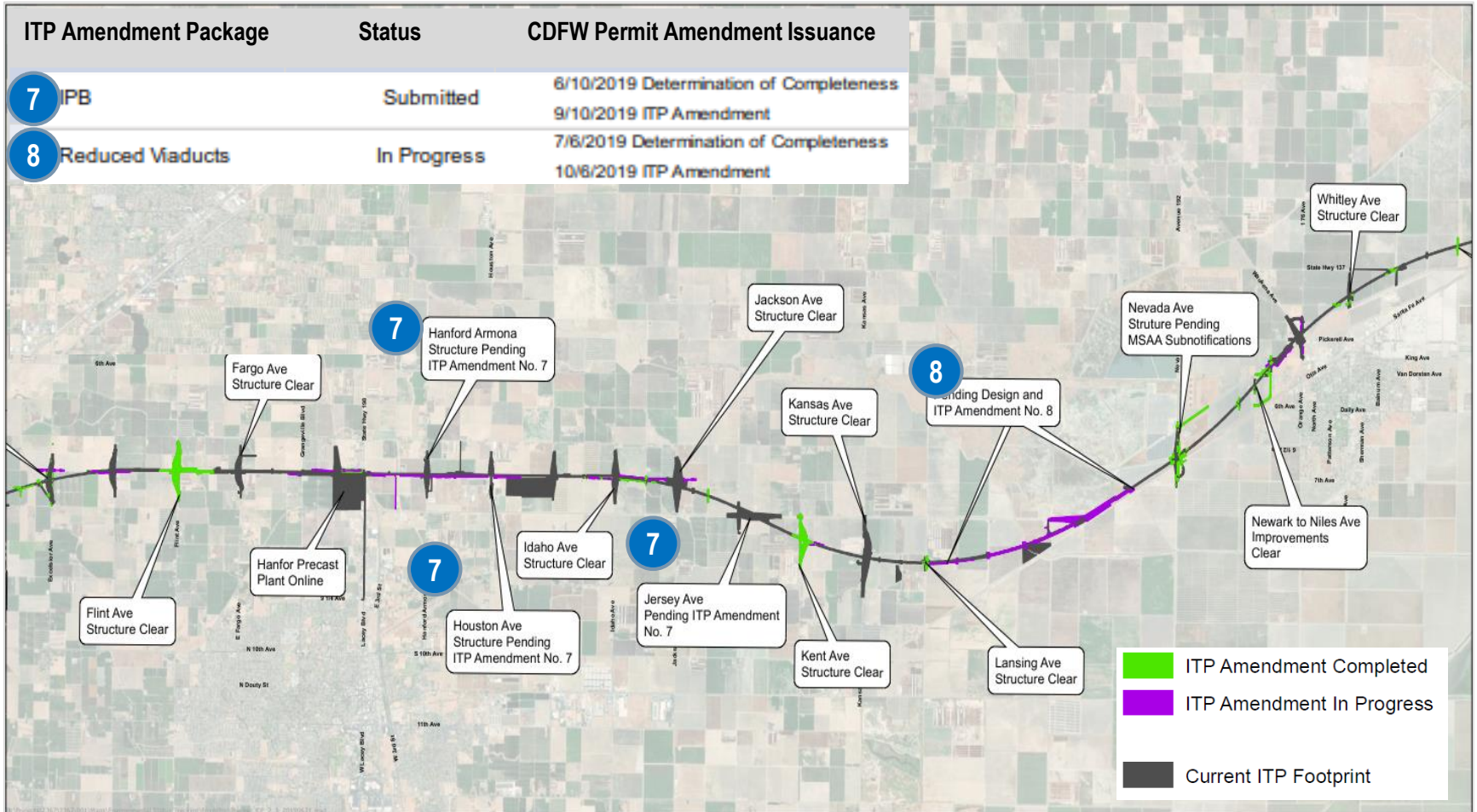
CP 2-3 Environmental Clearance – ITP Amendments

May 2019		ID	ITP Amendment Package	Status	CDFW Permit Amendment Issuance
<p>TOTAL: 9 APPROVED: 3</p>	1	Critical Path Overcrossings	Issued	1/23/2019 Determination of Completeness 02/15/2019 ITP Amendment	
	2	PG&E Distribution/Utilities/	Issued	2/26/2019 Determination of Completeness 4/2/2019 ITP Amendment	
	3	Fresno County	Issued	4/2/2019 Determination of Completeness 5/2/2019 ITP Amendment	
	4	Kings River Complex ATC	Submitted	6/6/2019 Determination of Completeness 9/6/2019 ITP Amendment	
April 2019		5	Tulare County	Determined Complete	6/7/2019 Determination of Completeness 9/7/2019 ITP Amendment
<p>TOTAL: 9 APPROVED: 3</p>	6	Transmission/ Utilities	Authority Review	7/10/2019 Determination of Completeness 10/10/2019 ITP Amendment	
	7	IPB	Submitted	6/10/2019 Determination of Completeness 9/10/2019 ITP Amendment	
	8	Reduced Viaducts	In Progress	7/6/2019 Determination of Completeness 10/6/2019 ITP Amendment	
	9	Table 5/ Table 8 ITP Amendment	In Progress	7/7/2019 Determination of Completeness 10/7/2019 ITP Amendment	

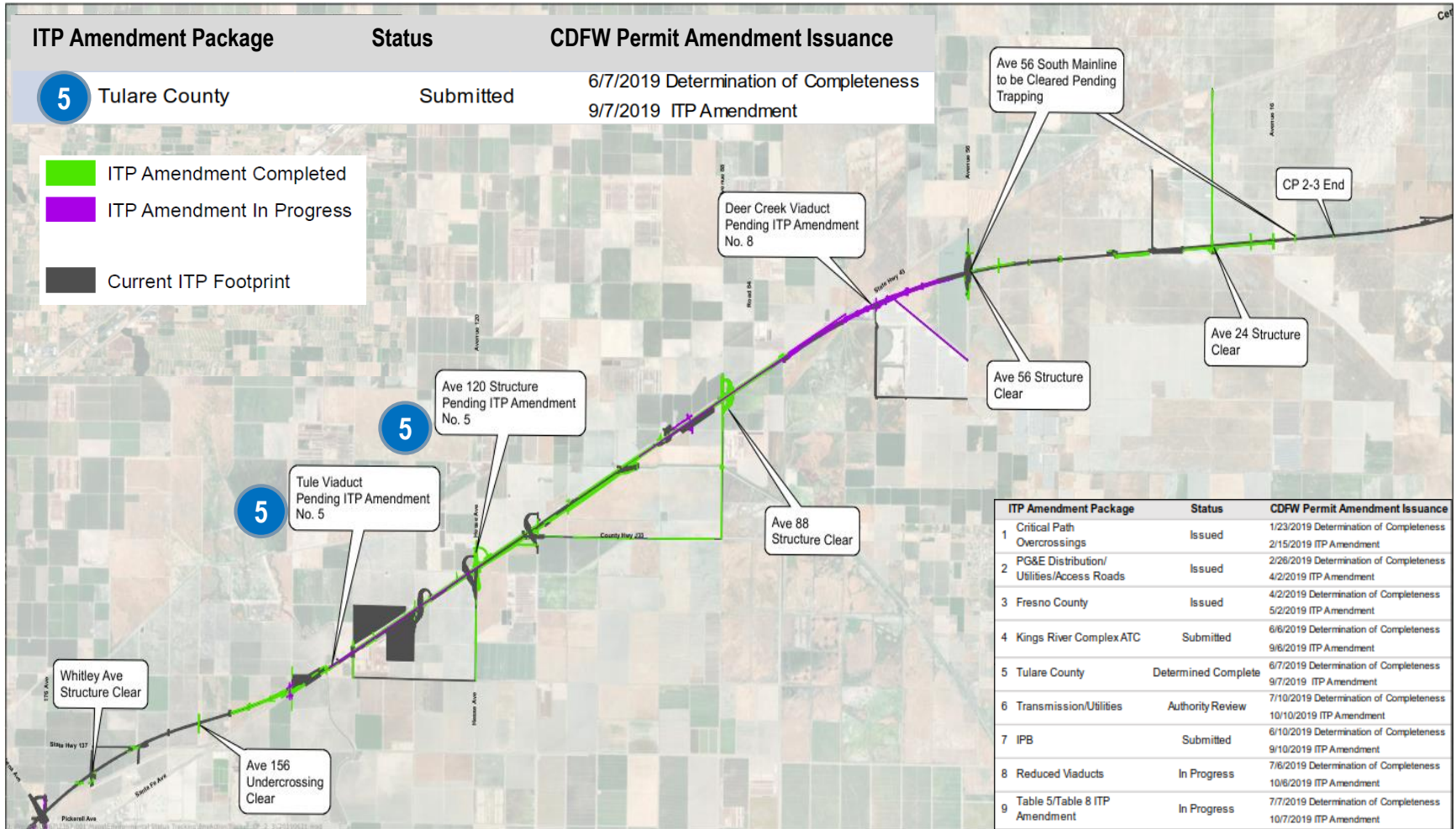
CP 2-3 Environmental Clearance Status



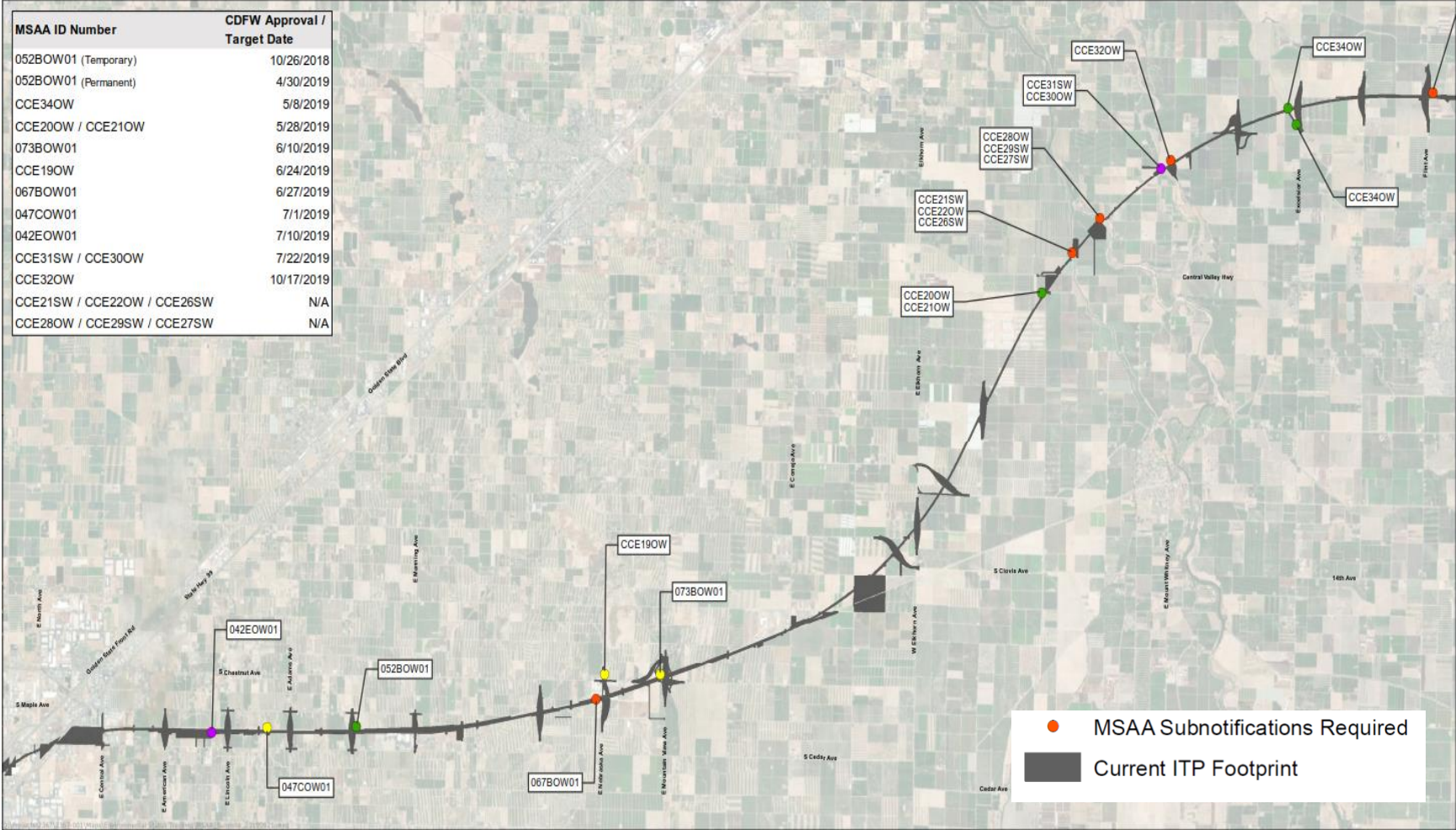
CP 2-3 Environmental Clearance Status



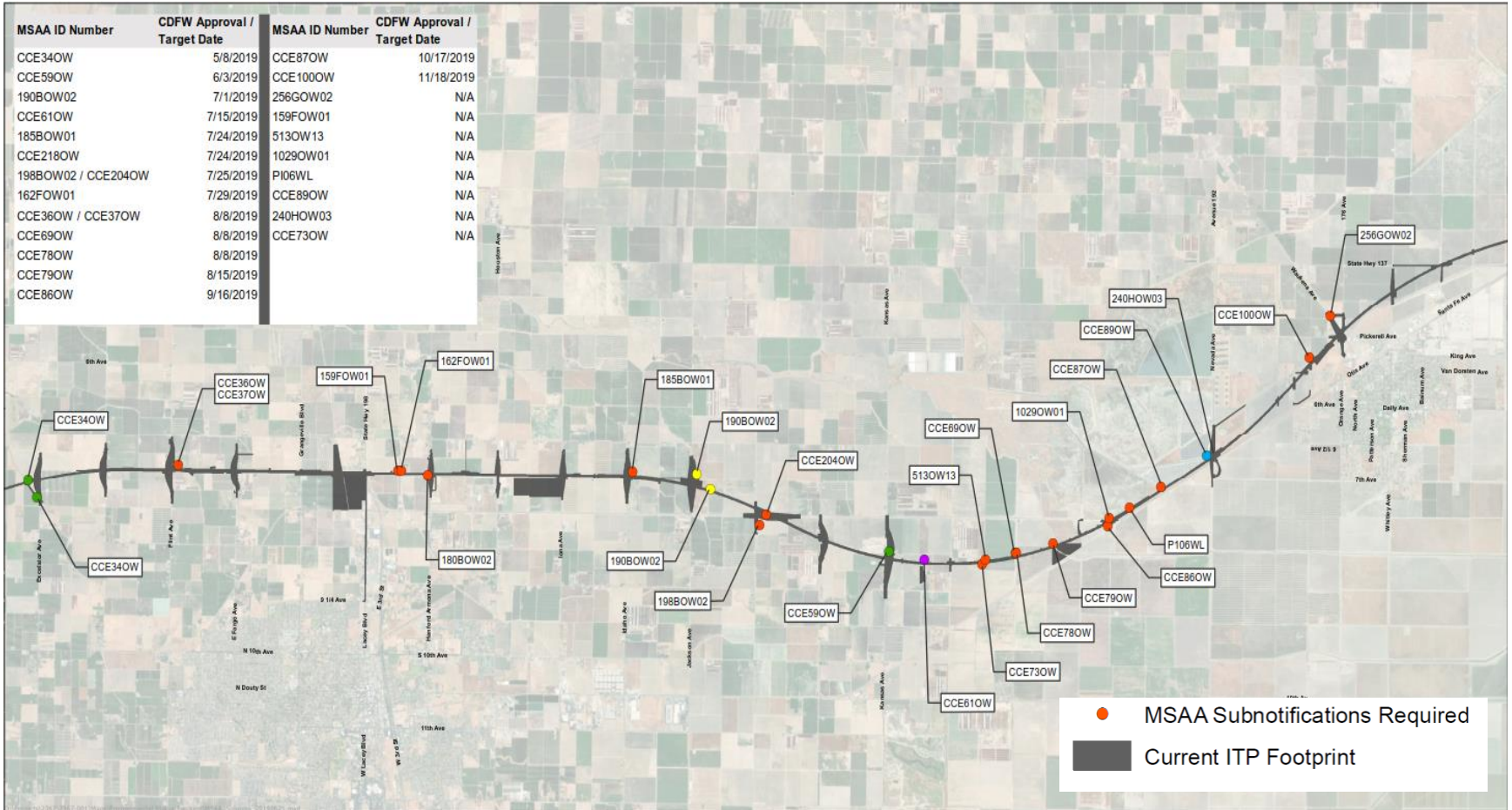
CP 2-3 Environmental Clearance Status



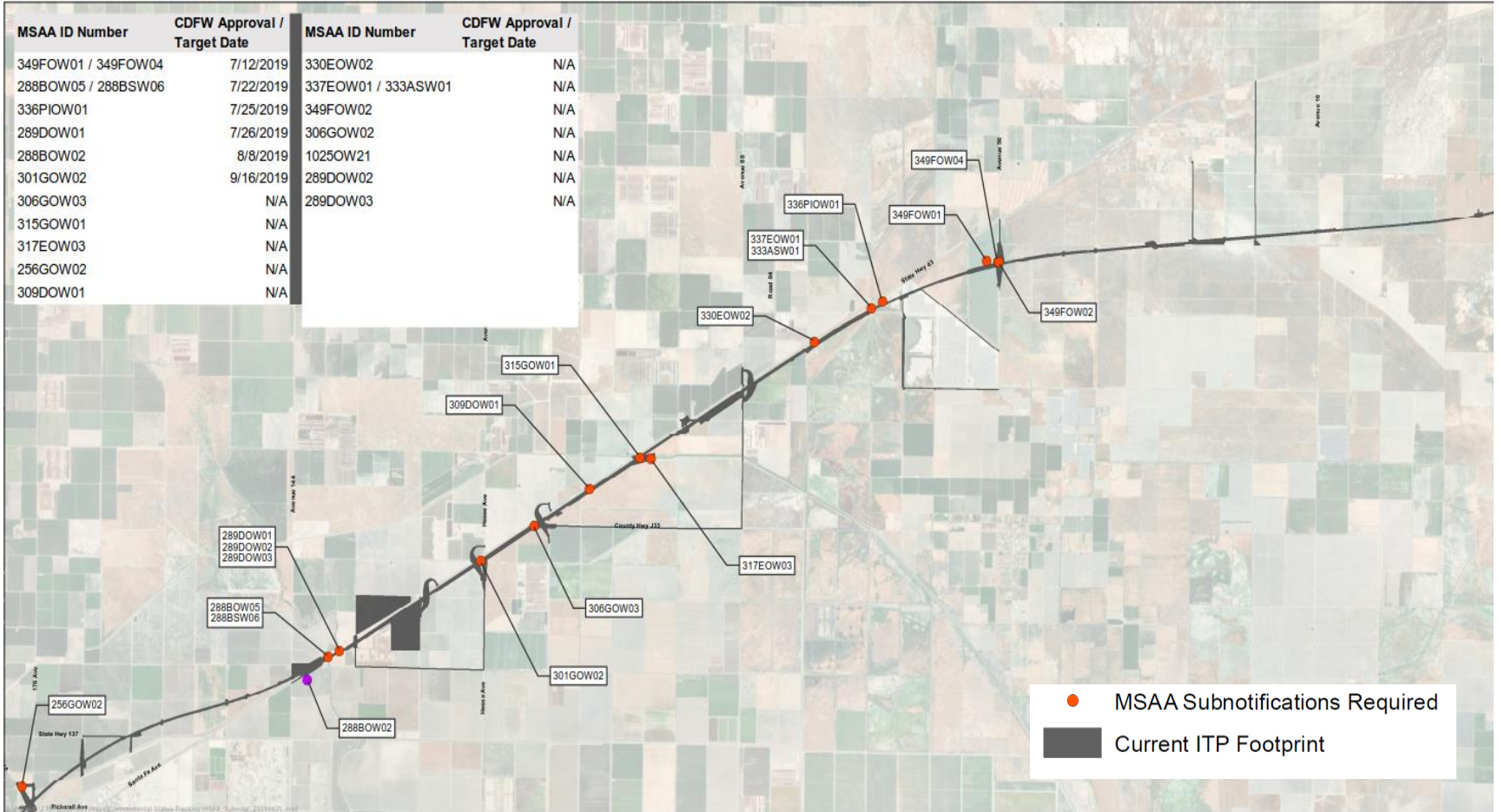
CP 2-3 CDFW MSAA Sub-notification Required



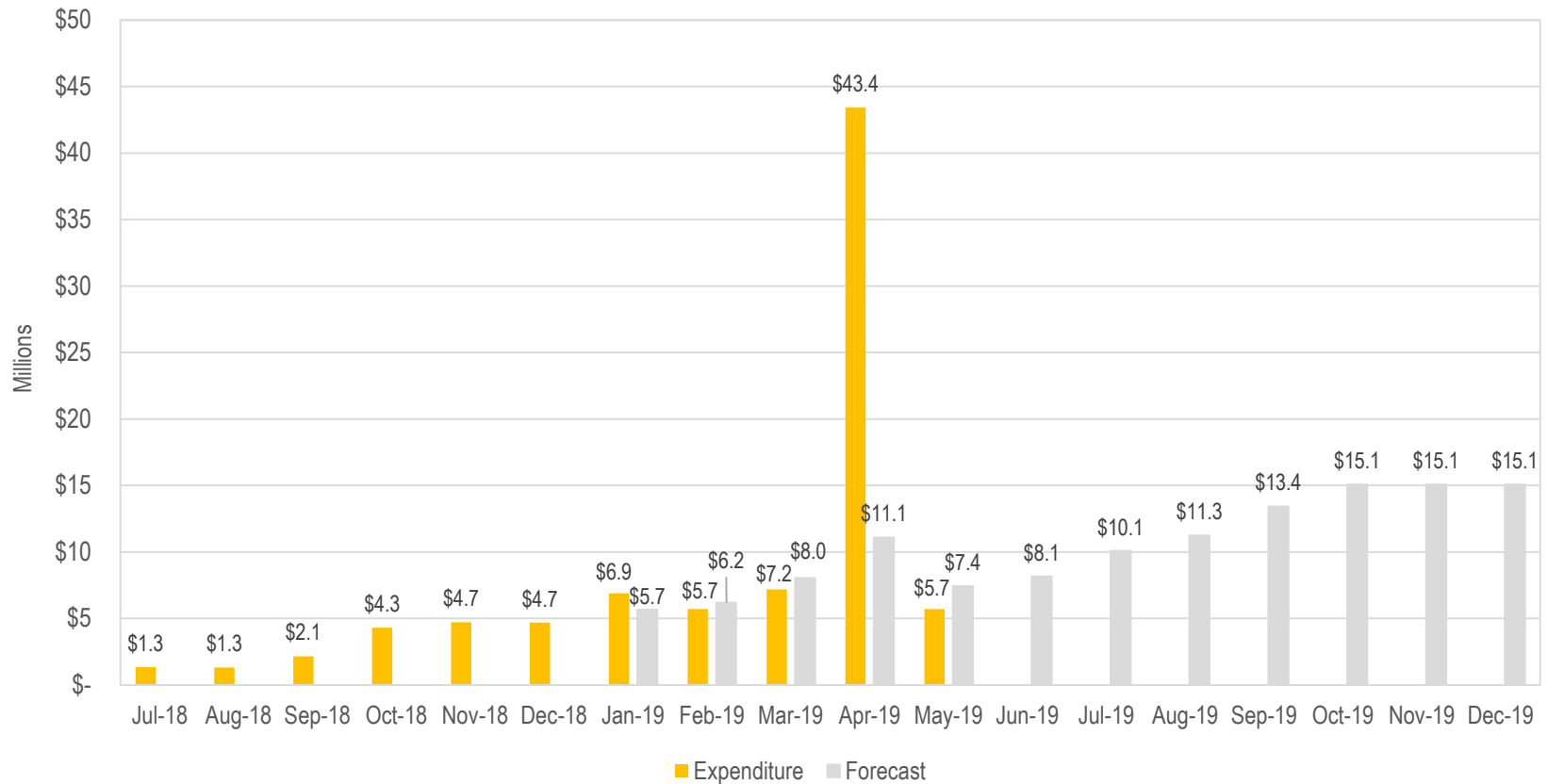
CP 2-3 CDFW MSAA Sub-notification Required



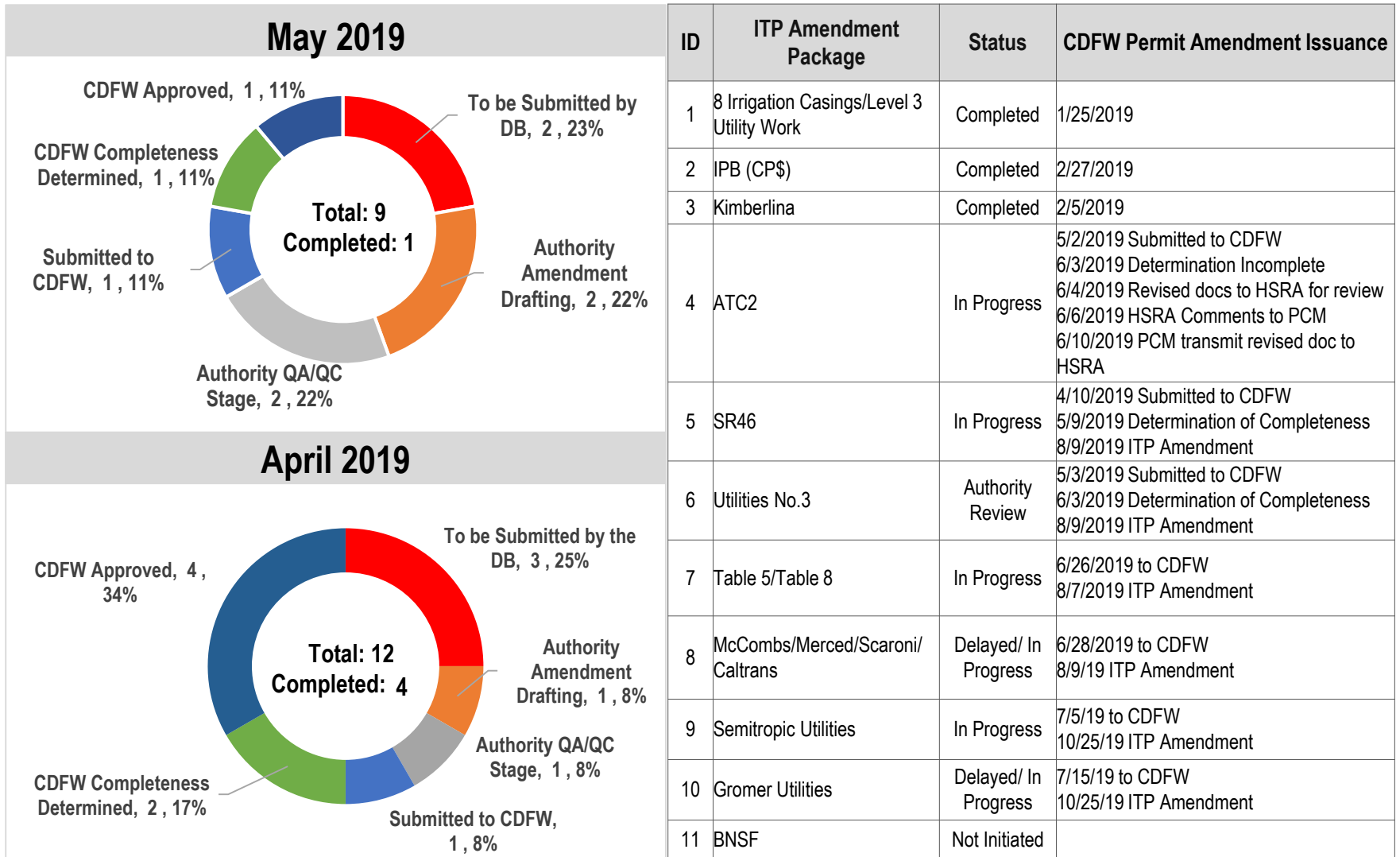
CP 2-3 CDFW MSAA Sub-notification Required



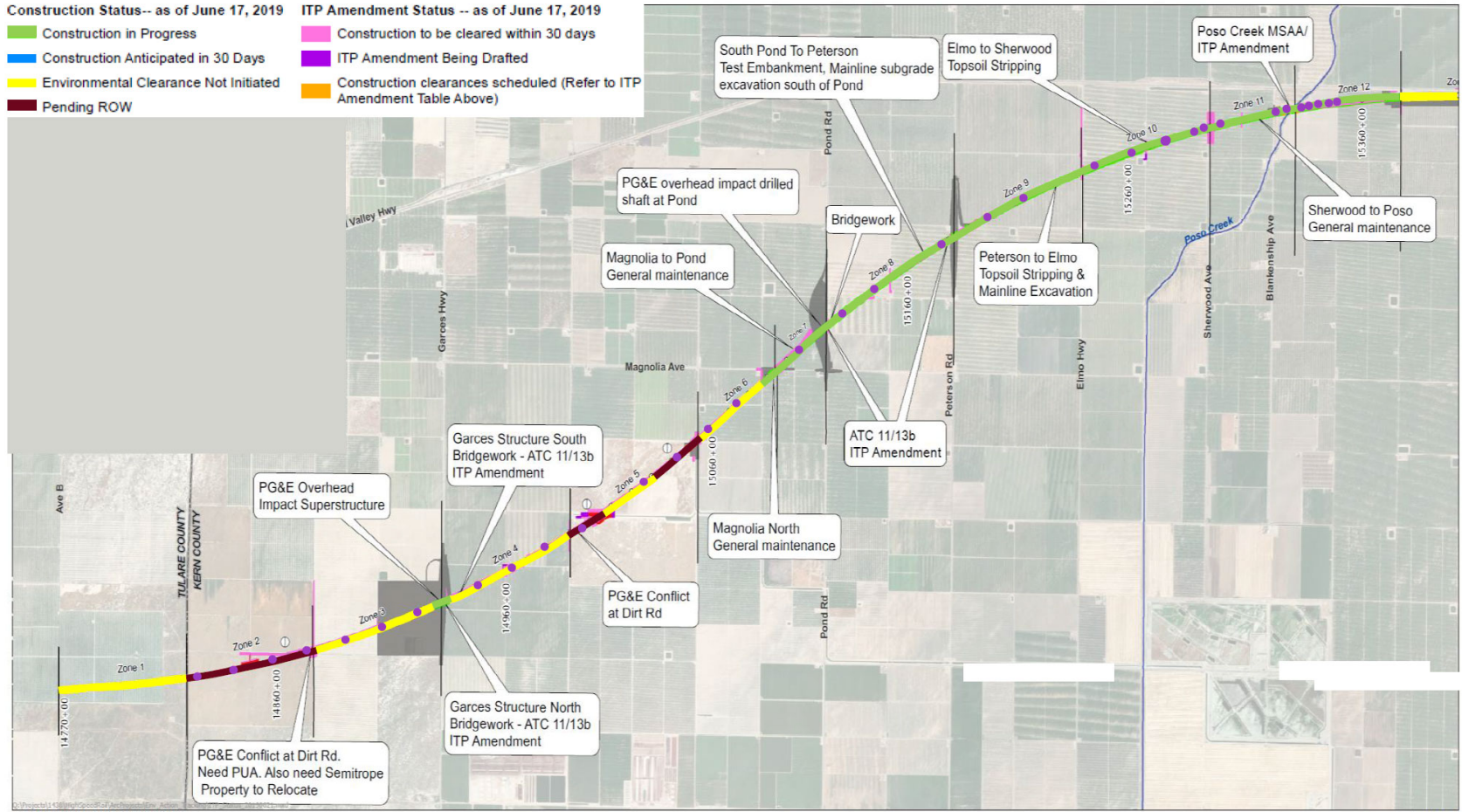
EXPENDITURE FORECAST VS ACTUAL



CP 4 Environmental Clearance – ITP Amendments



CP 4 Environmental Clearance - ITP Amendments



CP 4 Environmental Clearance - ITP Amendments

