

**California High-Speed Rail Authority
Projects & Initiatives Report
March 2018**

Key:

■	Satisfactory, no corrective action	↔	No Change	COMPLETED
◆	Caution, need for corrective action now or soon	↑	Trending Up	▲ At or under Timeline / Budget
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★	On Hold	M#	Milestone (IT Projects)	

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
Northern CA Region San Francisco to San Jose	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 08/30/2018 08/31/2018; Publish Draft EIR/EIS: 1/31/2019 1/24/2019; Publish Final EIR/EIS and Obtain ROD: 1/31/2020. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	1/1/2016	7/31/2018 1/31/2020	■	↑	●	↓
Northern CA Region San Jose to Merced	Program Delivery Roy Hill	Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 10/31/2018 10/21/2018; Publish Draft EIR/EIS: 10/31/2019 10/17/2019. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	1/1/2016	8/31/2018 10/31/2019 10/17/2019	■	↑	●	↓
Northern CA Region Civil Packages	Program Delivery Roy Hill	Options for Major Civil Contract Packages from San Jose to CP1 have been developed. Future CPs documents will be developed in line with Baseline and Milestones determined.	TBD	TBD	n/a	n/a	n/a	n/a
Central Region Central Valley Wye (CVY)	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft SEIR/SEIS: Completed; Publish Draft EIR/EIS: 3/31/2018 3/5/2018; Publish Final EIR/EIS and Obtain ROD: 3/31/2019 3/10/2019. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	12/10/2012	2/28/2018 8/31/2018 3/31/2019 3/10/2019	■	↑	●	↓
Central Region Heavy Maintenance Facility (HMF)	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: TBD; Publish Draft EIR/EIS: TBD; Publish Final EIR/EIS and Obtain ROD: TBD Schedule update pending further coordination with FRA. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	8/1/2015	TBD	★	↔	★	↔
Locally Generated Alternative (F-B)	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and Obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: Completed; Publish Draft EIR/EIS: 11/30/2017 ; Publish Final EIR/EIS and Obtain ROD: 10/31/2018 ; Publish Draft Supplemental EIR/EIS: 11/30/2017 11/9/2017 Completed; Publish Final Supplemental EIR/EIS and Obtain ROD: 10/31/2018 10/4/2018. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	7/26/2015	8/31/2017 1/31/2018 10/31/2018 10/4/2018	■	↑	■	↔

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Central Region Construction Package 1 (CP1)	Program Delivery Roy Hill	<p>There are currently 17 active construction sites in addition to numerous utility relocations underway throughout Fresno and Madera Counties. Change Order 0099 extended the completion date for CP1 by 17 months, which included approximately seven months of acceleration. This contract extension is primarily attributable to right-of-way acquisition issues through December 31, 2015. In 2016, a critical path property acquisition was delayed approximately 6 months. Subsequently, the Authority is currently reviewing a extension of time request submitted by the contractor for an additional 6 months of time extension. The CP1 project team continues to manage a significant number of changes, issues, and risks. These issues have resulted in several large change orders to date, with many more in various stages of development and review. The primary drivers are: lack of executed third party agreements at bid; lack of final environmental permits at bid; Implementation of Alternative Technical Concepts (ATCs); incorporation of the North Extension; Changes to HSR design criteria; and transfer of responsibility for relocation of excluded third party facilities.</p> <p>TPZP's contract was awarded Aug 16, 2013 with commencement date of Oct 15, 2013 and an original substantial completion date of Jan 31, 2018. The current substantial completion date is Jun 30, 2019 following approval of Change Order 0099. This 17 month contract extension was primarily attributable to right-of-way delays. The CP1 team is actively managing the few remaining right-of-way approvals plus ongoing third party agreements and is also engaging with the contractor to mitigate delays. Construction is well advanced on 17 work-fronts throughout the 32 mile long project and close to 200 construction activities are currently being tracked. The primary focus to date has been on bridges with current activities ranging from planning & design through to completion of construction. Review of design packages continues. Placement of beams for the San Joaquin River Pergola is close to completion and the Caltrans State Route 99 Realignment project is close to completing the Clinton Overcrossing. Resolution of a few remaining ROW issues is well advanced and engagement with key stakeholders and third parties is ongoing. Assessment of Change Orders and Task Orders continues.</p>	10/15/2013	6/30/2019 (Substantial Completion) 8/31/2019 (Final Acceptance)	◆	↔	◆	↔

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Central Region Construction Package 2-3 (CP2-3)	Program Delivery Roy Hill	<p>CP2-3 – The original project duration is approximately 55-57.8% spent as of the end of October-November 2017. Approximately 28-29% of the original budget has been spent during that time. The Contractor’s Baseline Schedule anticipated that design efforts would have progressed such that significant field operations could start by mid-2017. Delays have contributed to an extended design phase. Limited field operations have started in late 2017. It is anticipated that much of the design will complete by mid-2018 with additional field operations starting at more locations throughout the alignment during 2018. It appears that completion of all field construction will not occur by the original completion date of August 19, 2019. Both the Contractor and the Authority are contributing to issues that impact the anticipated project completion including delays to critical work such as the request for Right-of-Way, purchase of ROW, relocation of third party facilities, and environmental constraints. These issues are contributing to claim allegations by the Contractor for extended project duration, inefficiency and re-sequencing. The Authority is analyzing the responsibility for these delays as well as the responsibility for mitigations. The situation has escalated between the Contractor, PCM and the Authority as these issues have been elevated to upper management, which contributes to concerns about the overall cost and schedule health of the CP2-3.</p> <p>The original project duration is approximately 50.5% 52.3% spent as of the end of December 2017-January 2018. Approximately 32.2% 32.5% of the original budget has been spent during that time. The Contractor’s Baseline Schedule anticipated that design efforts would have progressed such that significant field operations could start by mid-2017. Delays have contributed to an extended design phase. Limited field operations have started in late 2017. It is anticipated that much of the design will complete by mid-2018 with additional field operations starting at more locations throughout the alignment during 2018. It appears that completion of all field construction will not occur by the original completion date of August 19, 2019. There have been issues that impact the anticipated project completion including delays to critical work such as the request for Right-of-Way, purchase of ROW, relocation of third party facilities, and Contractor-initiated design and other changes that require environmental review and approval. These issues are contributing to claim allegations by the Contractor for extended project duration, inefficiency and re-sequencing. The Authority has analyzed the claims and issued a change order to extend the contract completion date by around 9 months to account for the slippages that occurred through to August 2017. Field Operations started in Embankment 1st 2.5 miles, Embankment Kent and Kansas Avenues, Embankment Floral to Nebraska Avenue, Embankment Mountain View Avenue to Willow Avenue, and Embankment Davis Avenue to SR43.</p>	7/25/2015	6/14/2019 (Substantial Completion) 5/22/2020 (Final Acceptance)	◆	↔	◆	↔

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Central Region Construction Package 4 (CP4)	Program Delivery Roy Hill	CP4 – The CP4 Design-Build contract contractual completion date currently remains at the original contract date. There are various issues and identified potential changes that may affect the contractual completion date or require contractor mitigation to achieve the contractual completion date. These issues include challenges in third party coordination with both utilities and water districts, slow design progression by the Design-Builder, timely acquisition of right-of-way, design changes due to intrusion barrier protection, and the potential additional scope of work due to the widening of SR-46 underpass. In addition to potential delays to project completion, a number of the identified issues also include significant potential cost impacts, such as the potential additional scope of work at SR-46. The potential SR-46 additional scope was not considered in the original determination of contingency amount for the CP4 contract. SR-46 potential scope is to expand HWY46 as a result of a settlement to a lawsuit from Kern County. The settlement states that CP4 will expand HWY46 from the existing two lane to a four lane facility from J to F streets in the City of Wasco, approximately 0.3 miles. Since this was not part of the original contract, this work would be a change order to CP4. Lack of Caltrans' Independent Quality Assurance (IQA) agreement is delaying plan review/approval, this may have an impact on the schedule and cost.	3/1/2016	8/28/2019 4/4/2019 (Substantial Completion) 6/3/2019 (Final Acceptance)	◆	↔	◆	↔
Track and Systems	Rail Delivery Frank Vacca	Documents are being completed to be procurement ready. Milestones to be determined.	TBD	TBD	n/a	n/a	n/a	n/a
Southern CA Region Bakersfield to Palmdale	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and Obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 3/14/2018; Publish Draft EIR/EIS: 6/30/2018 6/1/2018; Publish Final EIR/EIS and Obtain ROD: 6/30/2019 6/5/2019. The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	3/14/2014	3/31/2018 6/30/2019 6/5/2019	■	↑	■	↔
Southern CA Region Palmdale to Burbank	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and Obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 4/11/2018; Publish Draft EIR/EIS: 10/31/2018 10/22/2018; Publish Final EIR/EIS and Obtain ROD: 1/31/2018 1/1/2020 . The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.	7/1/2015	9/30/2018 1/31/2020 1/1/2020	■	↑	●	↔

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Southern CA Region Burbank to Los Angeles	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and Obtain ROD: . Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 3/14/2018; Publish Draft EIR/EIS: 5/30/2018; Publish Final EIR/EIS and Obtain ROD: 2/28/2019 2/27/2019 . <i>The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.</i>	7/1/2015	5/31/2018 2/28/2019 2/27/2019	■	↑	■	↔
Southern CA Region Los Angeles to Anaheim	Program Delivery Roy Hill	Perform Environmental Planning, Engineering and Support Services and Obtain ROD: Board Selection of Preliminary Preferred Alternative for Draft EIR/EIS: 3/14/2018; Publish Draft EIR/EIS: 5/30/2018 -5/20/2018; Publish Final EIR/EIS and Obtain ROD: 2/28/2019 3/1/2019 . <i>The present Project Development Schedule is under revision. Between now and the 2018 Business Plan adoption, the Project Development Schedule and the Federal Dashboard dates will be updated and harmonized.</i>	7/1/2015	6/30/2018 3/31/2019 3/1/2019	■	↑	■	↔
High-Speed Rail Trains	Rail Delivery Frank Vacca	Refine and Finalize Performance Specifications: 10/17/2016; Issue Final Request for Proposal: TBD; Issue Notice to Proceed for Contract: TBD	TBD	TBD	■	↔	■	↔
North Early Investment (Caltrain Modernization / Electrification Program)	Program Delivery Roy Hill	Electrification project implemented by Caltrain to be jointly used by the Authority will both electrify and modernize the Caltrain system and at the same time provide the necessary foundational improvements for the Authority to run high-speed rail service to San Francisco. The Board has approved \$713M funding for this \$1.93B Caltrain project. Caltrain Electrification Ground Breaking occurred 7/21/17. Caltrain Funding Agreement for next phase. To date approximately \$75M paid to Caltrain.	TBD 7/21/17	TBD Estimated 2022	n/a	n/a	n/a	n/a
South Early Investment	Program Delivery Roy Hill	<ul style="list-style-type: none"> Connectivity Projects (Metrolink/LOSSAN/NCTD PTC, MTS Blue Line, Metro Regional Connector, Metrolink locomotives and cars): Funds expended; projects in operation or under construction/delivery Southern California MOU (grade separations, LA Union Station): Project development underway by lead agencies, Rosecrans/Marquardt Grade Separation Funding Plan approved by Authority Board (HSRA 17-13). Will provide early benefits to Southern California while setting the stage for future high-speed rail. 	TBD	TBD	n/a	n/a	n/a	n/a

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Southern CA Region Civil Packages	Program Delivery Roy Hill	Milestones to be determined in line with Baseline.	TBD	4/16/2020 TBD	n/a	n/a	n/a	n/a
Advanced Mitigation Planning	Program Delivery Roy Hill	Integrate regional conservation goals into project mitigation planning and permitting for specific Phase 1 Sections, including San Jose to Merced, Bakersfield to Palmdale, and Palmdale to Burbank. Exploration of partnerships with other State agencies to coordinate the expenditure of public funds. Completed independent review of biological mitigation cost estimate. Prepare cash flow scenarios for mitigation procurement. Successful implementation of integrated regional conservation will be a model for California. Working with the project segment timeframes and needs, identify procurement methods (e.g., obtain private financing to purchase easements or options on parcels) to implement the regional approach to a more sustainable ecosystem. In the Northern, Central, and Southern regions, these plans will focus on the species and habitats of the unique regions. Develop a set of procurement strategies and timelines for the Authority to consider, as funding becomes available, to acquire real property as compensatory mitigation for regulated project impacts on waters and wildlife. This is intended to satisfy the Authority's biological mitigation commitments consistent with regional mitigation objectives.	6/1/2014	12/31/2016 12/31/2017 Completed	▲	↔	▲	↔
Hiring and Staffing	Human Resources Rosemary Sidley Masha McManus	The Authority received 106.5 newly authorized positions for Fiscal Year (FY) 2013-14, 35 newly authorized positions for FY2014-15, 11 newly authorized positions for the FY2015-16, and six newly authorized positions for FY2016-17, increasing the total number of authorized positions to 226. To date, 192 of the 226 positions have been filled resulting in 34 vacant positions. The Authority continues to recruit to fill its vacancies. The Authority currently has a total of 226 authorized positions, 194 191 195 of which are currently filled. We have 32 35 31 total vacant positions that are either awaiting final offer, currently under recruitment or currently in the process of initiating recruitment. • Two (2) Four (4) Three (3) positions are awaiting final offer. • Fifteen (15) Eighteen (18) Fourteen (14) positions are under recruitment. • Fifteen (15) Thirteen (13) Seventeen (17) positions are in the process of initiating recruitment.	7/1/2015	6/30/2016 12/31/2016 6/30/2017 ONGOING	◆	↓	■	↔

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Administrative Records System (ARS) (kCura)	Program Delivery Roy Hill	<p>The Administrative Record System (kCura) is a centralized eDiscovery application that supports the Authority in obtaining and reporting on environmental clearances for project delivery. Data is imported into the solution for processing. Key functions include (1) establish search/case, (2) data and record collection via import, (3) filtering for appropriate content, (4) information processing and analytics to sort/prioritize by relevance, and (5) case repository. ~5 users are estimated.</p> <p>Approach: Deploy solution in cloud (Amazon Web Services). Configuration only; no customizations. Integrate with other systems for search capability as they are implemented. End date TBD based on integration with other systems.</p> <p>Milestones: Project Start (03/01/16); Planning (03/11/16); Requirements (04/29/16); Software-License Procurement (09/30/16); Configuration (03/15/17); Test/Train (03/15/17); Go-Live (03/30/17). Configuration still in process. Configuration is complete, with limited pilot usage, which began 6/16/17. A secondary level of final training is scheduled for 12/7/17. The training scheduled for 12/7/17 has been postponed to January. Lessons learned meeting will occur the week of 12/7/17-12/18/2017 with Close Out documentation and procedures to follow in January.</p> <p>M1: Planning (Due 03/11/16, Completed 03/11/16); M2: Requirements (Due 04/29/16, LATE Completed 01/09/18); M3: Procurements (Due 09/30/16, Completed 07/21/17); M4: Solution Design (Due 09/30/16, Completed 07/21/17); M5: Configure (Due 03/15/17, Completed 10/06/17); M6: Testing (Due 03/15/17, Completed 11/15/17); M7: Training (Due 03/15/17, Completed 01/10/18); M8: Go-Live (Due 03/30/17, Completed 01/10/18); M9: SDLC Documentation (Due 03/30/17, LATE); M10: Closeout (Due 04/13/17, LATE). The system is live and in use. Final documentation and closeout are expected in February.</p>	3/1/2016	12/31/2016 3/30/2017 5/30/2017 TBD 2/28/2018	●	↔	●	↔

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Environmental Mitigation Management and Assessment Application - EMMA 2.0	Program Delivery Mark McLoughlin	<p>EMMA is a web-based geospatially enabled application created to assist the Authority with environmental compliance. Key functions include (1) maintaining CEQA documentation, approvals, and permits, (2) tracking compliance of environmental permits, (3) tracking mitigation efforts, and (4) tracking other environmental commitments prescribed by various regulatory agencies. 300+ users are estimated. Initial functionality was completed and accepted (5/31/17).</p> <p>Approach: Custom build application, deploy in cloud (Amazon Web Services) (complete). Utilizing Agile deployment. Additional enhancements and modules are planned in the next work plan, such as disconnected editing, dynamic help, cultural resource management, and mitigation tracking have been identified in Work Plan 2C. Enhancements and modules will be deployed at the end of each iteration cycle.</p> <p>Milestones: Identify and define business requirements (02/19/16); Assess Integration Requirements (03/04/16); Assess and procure software (3/25/16); Initial Functionality Design and Build (10/30/16); Initial Functionality Data Migration (11/11/16); Initial Functionality Test (12/23/16); Initial Functionality Deploy (01/02/17), Initial Functionality Scope Final Acceptance – 60 Day (5/31/17). Additional enhancements and moduled defined in Work Plan 2C.</p> <p>Iterations: User Feedback, Search, Help, and Dash Board (3/30/18); Advanced Map Query, Records-Mapping, Report Enhancements, and Disconnected Editing (6/30/18); Parcel Ready Modules, Consultation Tracking, Cultural Resource Management, Tree and Vegetation (9/30/18), Deadline-Tracker, UI/UX Desgin (12/31/18); and 60-Day acceptance (2/28/19).</p> <p>M1: Project Charter (Due 07/03/17, Completed 07/03/17); M2: Iteration 1 (Due 09/30/17, Completed 09/30/17); M3: Iteration 2 (Due 12/31/17, Completed 12/31/17); M4: Iteration 3 (Due 03/31/18); M5: Iteration 4 (Due 06/30/18); M6: Iteration 5 (Due 09/30/18); M7: Iteration 6 (Due 12/31/18); M8: Project Closeout (Due 02/28/19).</p>	1/1/2016	10/31/2016 1/2/2017 3/28/2017 6/30/2017 TBD 5/31/2017 Initial Functionality Accepted Future-Enhancements- TBD 2/28/19	■	↔	■	↔
Financial System (FIMS)	Financial Office Russell Fong	Fi\$Cal is not ready to integrate with other financial systems at this point. FIMS is on hold.	1/1/2016	12/31/2015 12/31/2016 7/1/2017 TBD	★	↔	★	↔

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PMIS - Business Intelligence Center	Program Delivery Roy Hill	<p>The PMIS Business Intelligence Center or PMIS Portal is a reporting site that pulls and aggregates data from Risk Management System (RMS), Schedule Management System (P6), Cost Management System (Ecosys), Geographical Information System (GIS), and Safety Management System (ISMS). Approach: Development of the portal will be an iterative approach. The initial release will provide the initial connectivity with the identified systems that are in production and provide a set of reports received from Program Controls. Further iterations will be identified after requirements are identified from the sponsors and stakeholders. Milestones: Release #1 (11/22/2017) has been deployed for use by Program Controls and currently pulls information from RMS, P6, GIS, ISMS and board reports for cost data, Release #2 requirements analysis (TBD) (2/28/2017), Release #2 (TBD)</p> <p>M1: Sprint 1: Risk Management, Schedule (Due 10/13/17, Completed 10/13/17); M2: Sprint 2: GIS Server, Contract Management (Due 10/20/17, Completed 10/20/17); M3: Sprint 3: Fiscal Year Capture (Due 10/27/17, Completed 10/27/17); M4: Sprint 4: Additional Feature Field, DNS and Firewall Test (Due 11/03/17, Completed 11/03/17); M5: Sprint 5: Risk Module Integration (Due 11/10/17, Completed 11/10/17); M6: Sprint 6: DB Design and Architecture (Due 11/17/17, Completed 11/17/17); M7: Sprint 7: Testing (Due 11/22/17, Completed 11/22/17); M8: Prototype Release 1 (Due 11/22/17, Completed 12/15/17); M9: SCRUM Planning and Template Development (Due 11/22/17, LATE); M10: Revised Charter (Due 12/29/17, LATE); M11: User Stories/Acceptance Criteria (Due 01/29/18); M12: Product Backlog Refinement (Due 02/28/18). Conceptual prototype has been released, however, project was developed out of scope and is under review. All work on the Portal has stopped while it is under review.</p>	1/1/2016 Restart 9/22/2017	12/30/2016 TBD	★	↔	★	↔

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PMIS - Contract Management System	Program Delivery Roy Hill	<p>The Contract Management System (Aconex) will be the Authority's centralized repository for contract-related documents, including agreement, deliverables, change documentation, and correspondence. Key functions include: (1) document repository, (2) document approval workflow and version control, (3) automated routing for review, (4) contract compliance, and (5) contract archival. The solution will integrate with the Schedule Management System [P6], Cost Management System, and other PMIS applications. The solution is not expected to replace Primavera Contract Manager (PCM v14.2) which is being used for the existing Construction Packages (CP1, CP2-3, and CP4); however it will be utilized for new Construction Packages (CP5+). <15 users are estimated.</p> <p>Approach: Deploy system as a Software as a Service through a traditional waterfall SDLC. Primarily configuration, limited customizations. Phased deployment by contract type.</p> <p>Milestones: Project Charter (08/23/17); As-Is Process Documentation (09/27/17); To-Be Process Documentation (11/14/17); Requirements Validation (10/10/17); System Design Documentation (12/13/17); Baseline Configuration (12/13/17); System Test Complete (01/10/18); UAT Complete (02/06/18); Data Migration Complete (02/07/18); Training Complete (02/14/18); Go-Live Start (02/20/18); Go-Live Complete (02/22/18); Final Acceptance—60 Day (04/22/18); Project Closeout (04/25/18).</p> <p>M1: Project Charter (Due 10/27/17, Completed 11/29/17); M2: Project Schedule (Due 10/27/17, Completed 11/29/17); M3: Requirements (Due 11/06/17, Completed 12/08/17); M4: To-Be Process Documentation (Due 12/11/17, LATE); M5: Project Management Plans (Due 12/13/17, LATE-Completed 01/09/18); M6: SDLC Plans (Due 12/19/17, LATE); M7: System Analysis and Design (Due 12/22/17, LATE); M8: System Build (Due 01/11/18 LATE); M9: Policies and Procedures (Due 02/14/18); M10: User Acceptance Testing (Due 02/20/18); M11: Migration (Due 02/23/18); M12: Training (Due 02/23/18); M13: Go-Live (Due 02/28/18); M14: Project Closeout (Due 04/30/18).</p>	7/1/2015	3/31/2017 4/14/2017 6/16/2017 8/30/2017 10/31/2017 TBD Phases 1 and 2 complete by 01/15/18 4/25/18 4/30/2018	●	↔	◆	↔

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California High-Speed Rail Authority
 Projects & Initiatives Report
 March 2018

Key:

	Satisfactory, no corrective action		No Change	COMPLETED
	Caution, need for corrective action now or soon		Trending Up	 At or under Timeline / Budget
	Escalate, immediate corrective action required		Trending Down	 Over budget Timeline / Budget
	On Hold	M#	Milestone (IT Projects)	

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
PMIS - Cost Management System	Program Delivery Roy Hill	<p>The PMIS Cost Management System (Ecosys EPC) will be the single source of program cost information and provide timely and accurate program cost reports. The solution addresses the program cost management lifecycle: (1) project/WBS set-up, (2) fund management, (3) estimation, (4) what-if analysis, (5) business plan budgeting, (6) expenditure tracking [actual invoiced and accrued cost], (7) earned value, (8) forecasting, (9) what-if forecast, (10) what-if change, (11) change management, (12) month close processing, and (13) program cost reporting. The solution will integrate with the Schedule Management System [P6], Project Cost Data Tables, and the Authority's security applications. The solution does not replace the Financial Management System need or FI\$Cal. 20 users are estimated.</p> <p>Approach: Deploy COTS system on AWS cloud through standard waterfall SDLC. Primarily configuration, limited customizations. No automated interface for financial data from FI\$Cal; invoice data will be manually entered. Historical data will be converted. Deploy on 9/29/17 Deployment delayed pending validation and mapping of historical data. No future phases or functionality defined. Due to the complexity of the system and required data validations, the acceptance period and project closeout may be extended.</p> <p>Milestones: Project Initiation (1/31/17); Planning Phase complete (4/05/17); Data Readiness complete (9/1/17) (10/13/17); Design/Configuration complete (9/18/17) (10/30/17); Testing complete (9/15/17) (11/3/17); Data Migration complete (9/29/17) (10/27/17); Training start (9/18/17) (10/30/17); Training complete (9/29/17) (11/3/17); Go-Live (9/29/17) (11/22/17); Final Acceptance – 60 Day (11/29/17) (1/31/18); Project Closeout (11/29/17) (1/31/18). All dates beginning with "Data Readiness" are pending business delivery of data files for upload. Current status is pending FY 16/17 closeout.</p> <p>M1: Initiation/PMP (Due 01/04/16, Completed 09/02/16); M2: Requirements (Due 07/05/16, Completed 09/27/16); M3: Design/Configuration (Due 10/21/16, Completed 08/14/17); M4: Testing (Due 11/14/16, Completed 09/27/17); M5: Data Readiness (Due 03/09/18); M6: UAT (Due 05/08/18); M7: Training (Due 05/08/18); M8: Go-Live (Due 05/25/18); M9: Closeout (Due 09/12/18).</p> <p>A Corrective Action Plan has been requested by the Authority to be delivered by 12/15/2017. Milestones dates have been updated to reflect the schedule provided with the RDP's Corrective Action Plan submitted on 1/5/18.</p>	7/1/2015	1/5/2017 2/21/2017 7/14/2017 8/18/2017 10/18/2017 TBD 12/13/17 11/29/17 TBD 9/12/2018	●	↓	◆	↔

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California High-Speed Rail Authority
 Projects & Initiatives Report
 March 2018

Key:

- Satisfactory, no corrective action
- ◆ Caution, need for corrective action now or soon
- Escalate, immediate corrective action required
- ★ On Hold
- ↔ No Change
- ↑ Trending Up
- ↓ Trending Down
- M# Milestone (IT Projects)
- COMPLETED**
- ▲ At or under Timeline / Budget
- ▼ Over budget Timeline / Budget

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
PMIS - Enterprise Document Management System (EDMS) - Records Center	Program Delivery Roy Hill	<p>The Records Management System (Microsoft SharePoint 2016) is one component of a larger Enterprise Document Management System which supports the lifecycle of a document (other components include: document creation/collaboration, documents within core business systems, content management and delivery, and search and discovery; other components may be developed in other software applications). The Records Management System focuses on the end-of-life stage of an official record, as defined by SAM and other regulations. The solution addresses (1) record retention and (2) disposition, in accordance with the Authority's record retention schedule filed with State Archives. ~50 users are estimated.</p> <p>Approach: Deploy Records Management System in a COTS solution in the cloud (Amazon Web Services). Later, integrate with other EDMS functionality.</p> <p>Milestones: Pilot Go-Live (08/28/17); Final Acceptance – 60 day (12/14/17); Project Closeout (12/14/17) (TBD). Modifications were required to meet business needs of the system. Pilot group Go-Live rescheduled to 10/18/17. Once live, a review of functionality will determine future roll out schedule. Record Center Pilot went live 10/24/17. The Pilot will be used and reviewed for functionality through 1/23/18.</p> <p>M1: Business Documentation for Plan/Policy/Procedures (Due 04/23/17, LATE); M2: Analysis and Requirements (Due 06/05/17, Completed 06/05/17); M3: Project Planning Deliverables (Due 07/14/17, LATE); M4: Project Charter (Due 07/17/17, LATE-Completed 01/19/18); M5: Testing (Due 08/11/17, Completed 08/11/17); M6: Pilot Release (Due 09/07/17, Completed 10/24/17); M7: Release 2 (Due TBD); M8: Release 3 (Due TBD); M9: Final System Design and Configuration (Due TBD); M10: Release 4 (Due TBD); M11: Training (all offices) (Due TBD); M12: Release 5 (Due TBD); M13: Data Move for Historical Records (Due TBD); M14: Closeout (Due TBD). Pilot was released 10/24/17; further development is on hold until functionality and defects are documented and resolved.</p>	1/1/2016	6/1/2016 10/3/2016 (Iteration 1) 12/31/2016 3/20/2017 10/31/2017 12/31/2017 TBD 12/14/17 TBD	●	↓	◆	↔

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California High-Speed Rail Authority
 Projects & Initiatives Report
 March 2018

Key:

■	Satisfactory, no corrective action	↔	No Change	<u>COMPLETED</u>
◆	Caution, need for corrective action now or soon	↑	Trending Up	▲ At or under Timeline / Budget
●	Escalate, immediate corrective action required	↓	Trending Down	▼ Over budget Timeline / Budget
★	On Hold	M#	Milestone (IT Projects)	

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
PMIS - Schedule Management System	Program Delivery Roy Hill	<p>The PMIS Schedule Management System (Oracle Primavera P6) is the Authority's standardized tool for construction scheduling. It maintains the overall Program Master Schedule., as well as more detailed schedules at the construction package, project, and sub-project levels. Key functions include (1) schedule development, (2) configuration of the Program-level Work Breakdown Structure (WBS), (3) Master Program Scheduling; (4) standardized global coding structures, (5) standardized reporting layouts, (6) schedule forecasting, and (7) reporting. The solution will integrate with the Cost Management System, Risk Management System, Document Management System, and the Authority's security applications. <20 users are estimated.</p> <p>Approach: This project deploys scheduling at the highest (overall program) level to establish structure. A follow-on effort will deploy additional tiers of scheduling (CP, Project, Sub-Project), each required to use the same version of the software. Standard WBS structure(s) across all levels will enable roll-up. No automated interfaces between levels; roll-up of information is manual. Multiple tiers of scheduling (Program, CP, Project, Sub-Project), each required to use same version of software. Standard WBS structure(s) across all levels to enable roll-up. Deploy at highest (overall program) and lowest level (sub-project by construction company) first to establish structure. Roll out to middle-tier in second wave. COTS product through standard waterfall SDLC. Configuration only; no customizations. No automated interfaces between levels; roll-up of information is manual.</p> <p>Milestones: Program-level go-live (05/19/17); Program-level 60-day acceptance period complete (07/31/17). Closeout Report Pending. Scope Delivered as planned. If significant enhancements are required, A new project will be initiated to deploy the additional tiers of scheduling.</p>	7/1/2015	1/9/2017 12/10/2016 Complete TBD 7/31/2017 Closeout Report Pending Complete	▼	↔	◆	↔

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California High-Speed Rail Authority
 Projects & Initiatives Report
 March 2018

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◆	Caution, need for corrective action now or soon	↑	Trending Up	▲ At or under Timeline / Budget
●	Escalate, immediate corrective action required	↓	Trending Down	▼ Over budget Timeline / Budget
★	On Hold	M#	Milestone (IT Projects)	

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
Right of Way (ROW) Management System - geoAmps	Program Delivery Jeff Mathews John McMillan	<p>The Right of Way (ROW) System (geoAMPS) is the Authority's tool for managing and tracking the acquisition of right of way property, including document generation for parcel ownership information, surveying, permitting, property management, and route planning. Key functions include (1) acquisition tracking, (2) relocation tracking, (3) condemnation tracking, (4) appraisals (5) property management, and (6) reporting. 100 users are estimated.</p> <p>Approach: Deploy system as a Software as a Service using Agile SDLC. Primarily configuration, limited customizations. Configuring modules to meet business workflow and process workflow by ROW discipline, which includes iterative building, testing, training and deployment of geoAMPS.</p> <p>Milestones: GIS Prototype (01/13/17); Modules Base and Reporting Functionality (02/24/17); Module Integrations (05/06/17); System Security Plan (06/19/17); Test (08/8/17); Train (10/15/17); Go-Live (12/31/17) (1/28/18); Final Acceptance—60 day (02/28/18) (3/28/2018); Project Closeout (02/28/18) (3/28/2018). Configuration changes to address feedback during testing resulted in a delay to the schedule, however it is anticipated that the Go Live will not be impacted. During the validation phase, additional functionality was requested.</p> <p>M1: Data Migration (Due 12/09/16, Completed 12/09/16); M2: GIS Prototype (Due 03/03/17, Completed 03/03/17); M3: Modules Package (Due 03/31/17, Completed 03/31/17); M4: FedRAMP hosted Environment Setup (Due 03/31/17, Completed 03/03/17); M5: Modules Package 2 (Due 04/15/17, Completed 04/15/17); M6: Reports Package (Due 05/06/17, Completed 05/06/17); M7: System Security Plan (Due 05/26/17, Completed 05/26/17); M8: Modules Integration (Due 06/01/17, Completed 06/01/17); M9: UAT and Regression Testing (Due 12/15/17, LATE); M10: Pilot (Due 01/12/18); M11: Training (Due 01/12/18 LATE); M12: Go-Live (Due 01/29/18 LATE); M13: Closeout (Due 03/29/18). Change Requests have been approved to implement that functionality as part of the current project effort, thus extending the Schedule as indicated by the revised milestone dates above.</p>	1/1/2017	12/29/2016 12/31/2017 2/28/2018 3/28/2018	◆	↔	◆	↔
Organization and Management Plan	Program Delivery Roy Hill	<p>Provide the annual update to describe the organizational structure and internal management protocols as it relates to the current Work Plan.</p> <p>To be included in WP3 for 12/30/17. Change request fully executed, completion date revised. On hold until pending organizational changes are finalized.</p>	4/1/2017	6/30/2017 TBD 12/30/17 02/28/18	★	↔	★	↔

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Projects & Initiatives Report
March 2018

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◆	Caution, need for corrective action now or soon	↑	Trending Up	▲ At or under Timeline / Budget
●	Escalate, immediate corrective action required	↓	Trending Down	▼ Over budget Timeline / Budget
★	On Hold	M#	Milestone (IT Projects)	

Projects	Division	Milestones/Status	Start Date	End Date	Timeline Rating	Timeline Trend	Budget Rating	Budget Trend
Programming Plan	Program Delivery Roy Hill	The programming function needs to be established in alignment with other various committees. Discussion is ongoing in this regard with the program management. A change request is being prepared to move the completion date to 2/28/18 to align with the WP2C completion date. The completion date is moved to 2/28/18 to align with the WP2C completion through a change order. The concept of programming needs to be discussed and agreed with the HSR management and those discussions are planned to happen in January 2018.	10/1/2016	5/31/2017 TBD 12/31/2017 2/28/2018	◆	↔	◆	↔
RDP Work Plan 2C Ext and Work Plan 3	Program Delivery Roy Hill	Provide the plan of the work for the RDP to be completed for the period from July 1, 2017 to June 30, 2018. RDP Work Plan 2C extension for \$52M through 11/30/2017 has been approved. Work Plan 2 Extension Amendment (WP2C) the period from July 1, 2017 to February 28, 2018 was submitted to the Authority for approval July 27, 2017. Resubmitted 9/13 and 10/26. As of 11/30/2017, Work Plan 2C extension has been agreed and a Notice to Proceed has been issued. Work Plan 3 development will begin began 12/18/2017 with the first draft to be submitted to the Authority on or before 2/28/2018. The RDP will work collaboratively with the Authority to Complete Work Plan 3 on or before 2/28/2018. Develop a CR to extend existing WP 2C for four months from March 1, 2018 to June 30, 2018. This WP 2C Extension will include an updated scope, deliverables, and budget for the 4-month extension. The RDP will work collaboratively with the Authority to gain approval of the extension by February 28, 2018. Work Plan 3 development will begin mid-March 2018. This RDP WP 3 will commence July 1, 2018 and end June 30, 2020.	3/1/2016 1/2/2017 12/15/2017	6/15/2017 TBD 2/28/2018	■	↔	■	↔
Small Business Disadvantaged Business Program Management Plan Revision	Program Delivery Roy Hill	Provide program strategy and planning to verify the credibility of the SBDB program. Change order to extend date being processed. The purpose of the Small Business Program Plan is to provide policies and requirements regarding this Program. This document is for the Small Business community, and is an external document that will be posted to the California High-Speed Rail Authority's public website. Acceptance Criteria: The Plan Revision is considered complete when the Authority approves the final version, releases it to the public, and posts it to the Authority's website.	2/1/2017	6/30/2017 TBD	★	↔	■	↔
Title VI Program Management Plan Revision	Program Delivery Roy Hill	Provide Program strategy and planning to verify the Title VI program is compliant. Change order to extend date being processed. The purpose of the Title VI Program Plan is to provide policies and requirements regarding this Program. This document is geared to the Title VI community and is an external document that will be posted to the California High-Speed Rail Authority's public website. Acceptance Criteria: The Plan Revision is considered complete when the Authority approves the final version, releases it to the public, and posts it to the Authority's website.	2/1/2017	6/30/2017 TBD	★	↔	■	↔

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