



1. Work Completed During Period

- **CASP Task 1: Scoping - Study Design - COMPLETE**
- **CASP Task 2: Project Management and Consultant Team Coordination**
 - Prepared for and conducted a project team meeting prior to the fourth PAC Meeting on March 11 and conducted a bi-weekly call on March 23. Internal team meetings were held to discuss tasks and progress. This nineteenth progress report was developed for inclusion with the invoice.
 - Due to the current COVID-19 situation, CDOT requested a “Prequel” to discuss the impacts to airports and aviation so as to not publish the CASP/CEIS without acknowledging the issue. Due to this and ensuring we have sufficient time for reviews and quality control measures, the schedule will be extended through May 31 for final publication of materials.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - The project team facilitated the fourth and final PAC Meeting at CDOT Division of Aeronautics office on March 11, 2020. The project team presented progress since PAC Meeting #3, future system performance targets and needs, preliminary cost estimates, an overview of system plan alternatives, CEIS results, and solicited PAC feedback for direction on what and how to document findings and needs in final brochures. KH posted the PAC Meeting #4 PowerPoint presentation to the project website.
 - CDOT and KH discussed the transition of the project website to CDOT once the CASP and CEIS are complete.
 - CDOT and KH discussed the final Newsletter (April) to be distributed and agreed that it should include links to final deliverables.
- **CASP Task 4: Establish Study Design and Goals - COMPLETE**
- **CASP Task 5: Inventory of System Condition - COMPLETE (except for 5.2: INVENTORY DATA INTO WIMS)**
 - KH and CDOT discussed data integration with WIMS during the pre-PAC meeting on March 11. KH is working to finalize the system performance spreadsheet as well as others to distribute to CDOT.
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications - COMPLETE**
- **CASP Task 7: System Performance**
 - Existing System Performance (complete)
 - Future System Performance
 - *KH received future system performance chapter (Chapter 8) responses from John Sweeney, Chic Meyers, Kenny Maenpa, and Jeannette Hilaire (no comments). The PAC review due date was March 20. KH compiled PAC responses and submitted the PAC feedback response matrix to CDOT for review.*
 - *KH revised Chapter 8 based on PAC comments and submitted to CDOT for review and approval to post to the project website.*
- **CASP Task 8: Develop Aviation Forecasts**
 - John Sweeney responded to the forecasts and said they are not going to get DEN’s updated forecast by mid-March, so he directed the team to add a note(s) to the chapter that DEN’s forecasts are being updated as of March 2020 and were not yet available for inclusion in the CASP. John Sweeney sent the CASP forecast approval letter to KH and CDOT on March 23.
 - KH emailed Jeannette on March 19 to confirm the language to be used in the draft chapter. Jeannette approved the note to be added to the forecasts.
- **CASP Task 9: Explore Aviation Issues and Identify System Needs - COMPLETE**
- **CASP Task 10: Review of Intermodal Integration and Access - COMPLETE**
- **CASP Task 11: Review of Environmental Considerations - COMPLETE**
- **CASP Task 12: Analysis of System Alternatives**

KH submitted a draft of the Alternatives Analysis to CDOT on March 9. CDOT sent comments on the draft chapter on March 25 and KH initiated revisions.



- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - The project team discussed runway length needs during PAC Meeting #4. KH sent the list of needs to CDOT and provided recommendations on which lengths to include in the cost estimates based on the feasibility of the extensions. CDOT approved the final list to be included in Chapter 10.
 - During PAC meeting #4, Jeannette Hilaire noted that DEN's \$3.5 Billion needs reflect what the airport plans to spend versus the airport's actual needs. KH followed up with Adam Giombetti to confirm DEN's financial needs. It was decided that KH would use the \$3.5 Billion for years 2018-2022 and use an average for 2023-2038 to determine the 20-year needs.
- **CASP Task 15: Include Real Life Stories - NON-FEDERAL**
 - This task is developed in conjunction with CEIS Task 7 (see below).
- **CASP Task 16: Deliverables**
 - KH discussed CASP technical report image files with the design team and will send CDOT a link to all graphics once the project is completed to be included in CASP/CEIS videos.
 - KH is conducting a QC review of Chapters 2 and 6, Appendices B-C, and Chapter 8 to confirm data consistency.
- **CEIS Task 1: Data Collection - COMPLETE**
- **CEIS Task 2: Calibrate Econometric Model - COMPLETE**
- **CEIS Task 3: Calculate Impacts**
 - Pam transmitted the revised CEIS workbook to CDOT on March 11. This includes airports' tenants, their associated IMPLAN classifications, number of employees, payroll per job, and business revenue per job. Airports without tenants are also included. CDOT confirmed that the workbook is what they wanted and meets their needs.
 - EBP developed an example calculation process white paper and submitted to KH for review on March 23. KH is reviewing prior to submitting to CDOT.
- **CEIS Task 4: Calculate Tax Impacts - COMPLETE**
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo - COMPLETE**
- **CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry - COMPLETE**
- **CEIS Task 7: Real Life Stories Part II**
 - KH and KA have made progress on several case studies and are going to send to CDOT for review once complete.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios**
 - CDOT requested that a link to the CAO handouts be included in the dynamic calculator.
 - KH updated the OEDIT map (EIK in Region 2) and sent to EBP to update in the Dynamic Calculator.
 - EBP revised the Dynamic Calculator so "total of state" is the default in both inputs and scenario tabs.
- **CEIS Task 9: Economic Impacts of DEN**
 - DEN's handout for CAO was completed and CDOT coordinated with DEN on a press release of the final economic impact numbers.
- **CEIS Task 10: Documentation**
 - EBP sent CEIS Tech Memo #6 to KH for review.
 - KH is planning to combine and format all Tech Memos into one final technical report and submit to CDOT for final review.
 - KH has begun developing templates for the following brochures based on CDOT and PAC feedback:
 - *Individual airport brochures*
 - *CASP executive summary brochure*

- *CEIS executive summary brochure*
- **CEIS Task 11: Project Management and Reporting**
 - EDR/EBP participated in bi-weekly calls specific to their work on the CEIS.
- **CEIS Task 12: Update Economic Impacts of Denver International Airport**
 - CDOT explained that, given the current circumstances regarding COVID-19 and the state of the aviation industry, an update of DEN's economic impact is not appropriate at this time.
 - CDOT indicated the desire for a "Prequel" that would detail COVID-19 impacts and the current situation should be documented and included prior to CASP or CEIS documentation. KH is developing a scope of work for this request.

2. Work Anticipated in Next Period

- **CASP Task 2: Project Management and Consultant Team Coordination**
 - Continue bi-weekly calls and providing meeting summaries.
 - Submit the COVID-19 scope of work that will use
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - Submit CASP Chapter 9 and CASP Chapter 10 for PAC review.
- **CASP Task 12: Analysis of System Alternatives**
 - Revise Chapter 9 based on CDOT's comments and submit to the PAC for review.
- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - Completed draft of Chapter 10. Recommendations and Implementation Plan and submit to CDOT for review.
 - Revise Chapter 10 based on CDOT comments and submit to PAC for review.
- **CASP Task 15: Include Real-Life Stories - NON-FEDERAL**
 - Continue documenting real-life stories and summarize for integration throughout the study.
 - Complete the separate real-life story documentation and submit to CDOT for review.
- **CASP Task 16: Deliverables**
 - Continue developing CASP executive summary.
 - Compile CASP technical report image files to provide a link to all graphics once the project is completed to be included in CASP/CEIS videos.
 - Conduct a thorough QC of all chapters and appendices to confirm data and format consistency.
- **CEIS Task 7: Real Life Stories Part II**
 - Continue documenting real-life stories and summarize for integration throughout the study.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates to Estimate Impacts of Future Scenarios**
 - Revise based on internal feedback and provide (revised) draft User's Guide for CDOT review.
- **CEIS Task 10: Documentation**
 - Continue developing individual airport brochures and statewide executive summary.
- **CEIS Task 11: Project Management and Reporting**
 - EDR/EBP continue to participate in bi-weekly calls with CDOT.
- **CEIS Task 12: Update Economic Impacts of Denver International Airport**
 - This task is cancelled.



3. Issues Incurred

- Several individual task deadlines were extended to provide additional time for PAC and FAA review, as well as coordination on final items. In addition, given the COVID-19 situation and request for additional analysis and documentation on the impacts, along with the changes to work procedures, the schedule has been extended through May 31. Only the following individual tasks require extensions, with both the CASP and CEIS planned for full completion in May.
 - Extended CASP Task 2: Project Management and Consultant Team Coordination through **May**.
 - Extended CASP Task 12: Analysis of System Alternatives through **April**.
 - Extended CASP Task 13: Develop System-Wide Cost Estimate and Implementation Plan through **April**.
 - Extended CASP Task 15: Include Real Life Stories Part I - Non-Federal through **May**.
 - Extended CASP Task 16: Deliverables through **May**.
 - Extended CEIS Task 7: Include Real-Life Stories through **May**.
 - Extended CEIS Task 10: Documentation through **May**.
 - Extended CEIS Task 11: Project Management and Reporting through **May**.