

Progress Report #16

Period: December 1 - December 31, 2019

1



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 bi-weekly calls on December 2 and December 16. Internal team meetings were held to discuss tasks and progress. This sixteenth progress report was developed for inclusion with the invoice.
 - For future reference, EDR Group has adopted their parent company name of EBP. All future correspondence will come from EBP or EBP-US.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - KH developed PAC Survey #1 (Future Performance Targets), however, it was decided that the survey would be confusing and not yield intended results and was therefore not distributed. CDOT and KH agreed that it would be better to notify the PAC at the time of the existing system performance transmission that they should keep future performance targets in mind. This message was included in the email distributing Chapter 6 and its associated appendices.
 - KH developed an electronic newsletter update of the CASP and CEIS. CDOT sent via email through the list serve and posted on the project website and CDOT Division of Aeronautics social media platforms.
- **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)**
 - Task 5.2 - KH sent CDOT the PM and SI analysis workbook as well as the facility and service objective analysis workbook on December 12 per Todd's request. The data provided to CDOT is for visualization use only - data will be updated and cleaned up throughout the duration of the project. KH will provide FINAL workbooks near the end of the project.
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications - COMPLETE**
- **CASP Task 7: System Performance**
 - KH submitted revised versions of Chapter 6 and Appendices A-C to CDOT on December 12.
 - CDOT approved Chapter 6 and associated appendices on December 16. KH distributed Chapter 6 and associated Appendices A-C to the PAC with a deadline of January 10.
 - KH presented draft future system performance targets to CDOT during the bi-weekly meeting on December 2. CDOT provided comments on draft future system performance targets on December 5. KH continued analysis and draft documentation of Chapter 8: Future System Performance based on CDOT's comments.
- **CASP Task 8: Develop Aviation Forecasts**
 - KH submitted the final draft of Chapter 7: Aviation Demand Forecasts to CDOT on December 10. CDOT approved the final version and directed KH to post to the project website. CDOT submitted the forecasts to the FAA for acceptance/approval on December 12.
- **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 identified potential preliminary alternative scenarios with for discussion with CDOT prior to concluding analysis. CDOT provided feedback on system alternative scenarios and KH continued drafting Chapter 9: Alternative Analysis based on CDOT's comments.
- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - No work related to CASP Task 13 was initiated during this period.
- **CASP Task 14: Data Management, Evaluation and Reporting - NON-FEDERAL**



- No work related to CASP Task 14 was initiated during this period. This task is cost plus and not part of current contract amount.
- **CASP Task 15: Include Real Life Stories - NON-FEDERAL**
 - KH and KRAMER Aerotek provided a list of potential topics for discussion (see CEIS Task 7).
 - Discussion of real life stories that will be integrated into the CASP and CEIS were discussed with CDOT and additional analysis completed.
- **CASP Task 16: Deliverables**
 - Work to compile all draft chapters into a Draft Technical Report was initiated. Review of chapter text, tables, and graphics was started to ensure consistency.
- **CEIS Task 1: Data Collection - COMPLETE**
- **CEIS Task 2: Calibrate Econometric Model - COMPLETE**
- **CEIS Task 3: Calculate Impacts**
 - EDR/EBP continued developing Tech Memo #2: Technical Methodology.
 - EDR/EBP calculated total economic impacts for all CEIS airports based on final direct numbers approved by CDOT and sent to CDOT for review on December 27. CDOT requested air cargo data for integration with other 2018 impact results for presentation similar to 2013 study.
- **CEIS Task 4: Calculate Tax Impacts**
 - EDR/EBP and KRAMER aerotek initiated Tech Memo #3: Tax Impacts and worked to identify the differences in tax impacts from 2012 to 2018. The project team is planning to have tax impact data tables prepared for presentation at CAO A.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - EDR/EBP continued drafting Tech Memo #4: Air Cargo.
- **CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry - COMPLETE**
- **CEIS Task 7: Real Life Stories Part II**
 - KH and KRAMER Aerotek provided a list of potential topics for discussion. CDOT reviewed the list of stories and provided comments and a prioritized list on December 5. The consultant team met internally to discuss Metro State involvement and timelines.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios**
 - EDR/EBP continued developing the user guide and Dynamic Calculator application. CDOT provided another round of comments on the general layout and EDR/EBP made revisions. KH developed a revised map that combined the OEDIT regions with the DEN catchment area for inclusion in the Dynamic Calculator.
- **CEIS Task 9: Economic Impacts of DEN**
 - DEN approved the total direct impacts over the phone with KH.
 - Adam from DEN contacted KH on December 24 to inquire about final economic impact results. KH reached out to CDOT and CDOT requested we wait for DEN to return CDOT's call as CDOT wants to hold a meeting with DEN senior staff to provide more in-depth explanation of the results and do a full press release.
- **CEIS Task 10: Documentation**
 - KH developed material for the templates for the individual airport brochures, including design elements and general content that will be used in the brochures that incorporate CEIS and CASP results.
 - KH set up a meeting with CDOT on January 8 to discuss presentation options of individual airport data during CAO A legislative reception and format of data.
- **CEIS Task 11: Project Management and Reporting**
 - EDR/EBP participated in bi-weekly calls specific to their work on the CEIS.



2. Work Anticipated in Next Period

- **CASP Task 2: Project Management and Consultant Team Coordination**
 - Continue bi-weekly calls and providing meeting summaries.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - Project Website: Add December progress report and PAC-reviewed chapters and appendices when approved by CDOT.
 - Coordinate with CDOT on final PAC meeting date and CAB presentation.
- **CASP Task 7: System Performance**
 - Finalize Chapter 6: Existing System Performance, Appendix A: Land Use Evaluation, and Appendix B: Airport Report Cards, and Appendix C: 2018 Airport Performance Data based on PAC comments.
 - Finalize Chapter 8: Future System Performance and submit to CDOT for review.
- **CASP Task 8: Develop Aviation Forecasts**
 - Coordinate with FAA regarding their progress reviewing the forecasts.
- **CASP Task 12: Analysis of System Alternatives**
 - Finalize Chapter 9: Alternatives Analysis and submit to CDOT for review.
- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - Initiate system-wide cost estimates based on results from system performance analyses and forecasts of aviation demand.
- **CASP Task 15: Include Real-Life Stories - NON-FEDERAL**
 - Continue documenting real-life stories and summarize for use in the study.
- **CEIS Task 3: Calculate Impacts**
 - Complete draft of Tech Memorandum #2: Technical Methodology for CDOT review.
 - Finalize total impacts for presentation at CAO on January 27.
- **CEIS Task 4: Calculate Tax Impacts**
 - KRAMER aerotek to finalize tax impacts once total impacts are finalized.
 - Finalize draft of Tech Memo #3 to document the tax impacts and submit to CDOT for review.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - Complete Tech Memo #4: Air Cargo and submit to CDOT for review.
- **CEIS Task 7: Real Life Stories Part II**
 - Continue documenting real-life stories and summarize for use in the study.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates to Estimate Impacts of Future Scenarios**
 - Update the Dynamic Calculator application with the updated map and submit to CDOT for final comments.
 - Provide draft User's Guide for CDOT review.
- **CEIS Task 11: Project Management and Reporting**
 - EDR/EBP continue to participate in bi-weekly calls with CDOT.

3. Issues Incurred

- Several individual task deadlines were extended to provide additional time for CDOT and PAC review. These include:
 - Extended CASP Task 7: Existing System Performance through **January**.
 - Extended CASP Task 12: Analysis of System Alternatives through **February**.



- Extended CASP Task 13: Develop System-Wide Cost Estimate and Implementation Plan through **February**.
- Extended CASP Task 15: Include Real Life Stories Part I - Non-Federal through **February**.
- The individual task extensions above should not affect final project deadline for the CASP.
- Several CEIS task deadlines were also extended.
 - Extended CEIS Task 4: Calculate Tax Impacts through **January**.
 - Extended CEIS Task 5: Define Economic Role of Airports in Air Cargo through **January**.
 - Extended CEIS Task 8: Deliver an Economic Impact Model through **January**.