

Progress Report #14

Period: October 1 - October 31, 2019

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CASP
CEIS

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 October 7 and October 21. Internal team meetings were held to discuss tasks and progress. This fourteenth progress report was developed for inclusion with the invoice.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - KH added a placeholder on the project website for Appendix A: Land Use Evaluation and Appendix B: Airport Report Cards.
- **CASP Task 4: Establish Study Design and Goals - COMPLETE**
- **CASP Task 5: Inventory of System Condition - COMPLETE (exception of completing final data for integration into WIMS - Task 5.2)**
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications - COMPLETE**
- **CASP Task 7: System Performance**
 - KH drafted Chapter 6: Existing System Performance, Appendix A: Land Use Evaluation, and Appendix B: Airport report cards and submitted to CDOT for review on 10/29. Includes adequacy of existing system, GIS mapping, airfield and terminal capacities, and general land use evaluation.
 - Integrated data from CASP Tasks 9 and 10 on issues and intermodal and access.
 - KH began analysis and draft documentation of Chapter 8: Future System Performance which analyzes airport reference codes (ARCs) to operational fleet mix from FAA's Traffic Flow Management System Counts (TFMSC) data; evaluates future airfield capacities; re-evaluates airports for inclusion/exclusion of the National Plan of Integrated Airport Systems (NPIAS); and documents future performance targets related to performance measures evaluated in Chapter 6: Existing System Performance.
- **CASP Task 8: Develop Aviation Forecasts**
 - KH documented forecasts of aviation demand (Chapter 7) and submitted to CDOT for review on 10/14.
 - CDOT provided comments on Chapter 7 to KH on 10/28. KH began revising the chapter per CDOT's comments.
- **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 developed an outline for Chapter 9: Alternatives Analysis which identifies aviation and non-aviation outside influences and discusses potential impacts of these influences on the aviation system.
 - Identified preliminary alternative scenarios for initial analysis and future discussion with CDOT.
- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - No work related to CASP Task 13 was initiated during this period.
- **CEIS Task 1: Data Collection**
 - KH drafted Technical Memorandum #1: Data Collection, which documents survey results and processes, and submitted to CDOT for review on 10/11.
- **CEIS Task 2: Calibrate Econometric Model**
 - IMPLAN, the econometric model, has been calibrated and the regions evaluated for use in estimating wages and business revenues, as well as indirect and induced multiplier effects.
- **CEIS Task 3: Calculate Impacts**



- EDR continued revising on-airport impacts (focused primarily on tenants), as well as commercial service and general aviation visitor spending.
- EDR initiated Technical Memorandum #2: Technical Methodology.
- **CEIS Task 4: Calculate Tax Impacts**
 - EDR and KRAMER aerotek gathered data relevant to tax impacts. The analysis will be initiated after the final impacts are confirmed. Technical Memorandum #3 will document the tax impacts.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - EDR continued drafting Technical Memorandum #4: Air Cargo. This analysis required extensive analysis to reverse-engineer the Freight Analysis Framework (FAF) methodology which changed between 2018 and the time of the economic impact study completed for CDOT in 2012.
- **CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry**
 - KH submitted Technical Memorandum #5: Agricultural Analysis to CDOT for review on 10/10.
 - CDOT reviewed the agricultural analysis and sent comments to KH and EDR on 10/21. KH and EDR continue to revise the draft technical memorandum.
- **CEIS Task 7: Real Life Stories Part II**
 - KRAMER aerotek provided KH and EDR with seven categories of story topics with specific examples at Colorado airports that relate to each topic. The project team reviewed the topics and met on how to effectively document the stories.
 - KH met internally to brainstorm how to include real life stories on the individual airport brochures.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios**
 - EDR continued to develop the user guide and Dynamic Calculator application.
- **CEIS Task 9: Economic Impacts of DEN**
 - EDR coordinated with DEN staff on the construction impacts. The commercial service visitor impacts were also reviewed for DEN.

2. Work Anticipated in Next Period

- **CASP Task 2: Project Management and Consultant Team Coordination**
 - Continue bi-weekly calls and meeting summaries.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - Distribute Chapter 6: Existing System Performance, Appendix A: Land Use Evaluation, Appendix B: Airport Report Cards, and Chapter 7: Aviation Demand Forecasts to the PAC for review when approved by CDOT.
 - Task 3.7 - Project Website: Add October progress report and PAC-reviewed chapters and appendices when approved by CDOT.
- **CASP Task 7: System Performance**
 - Revise Chapter 6: Existing System Performance, Appendix A: Land Use Evaluation, and Appendix B: Airport Report Cards based on CDOT's comments and distribute to the PAC for review once CDOT approves.
 - Meet with CDOT to establish future performance targets and submit a draft of Chapter 8: Future System Performance to CDOT for review.
- **CASP Task 8: Develop Aviation Forecasts**
 - Distribute Chapter 7: Aviation Demand Forecasts to the PAC for review.
- **CASP Task 12: Analysis of System Alternatives**
 - Develop draft of Chapter 9: System Alternatives and submit to CDOT for review.
- **CASP Task 15: Include Real-Life Stories - NON FEDERAL**
 - Continue documenting real-life stories and summarize for use in the study.



- **CEIS Task 1: Data Collection**
 - Address CDOT's comments on Technical Memorandum #1: Data Collection Process and upload to the project website once approved by CDOT.
- **CEIS Task 3: Calculate Impacts**
 - Finalize direct impacts as well as commercial service and general aviation visitor spending.
 - Calculate total economic impact (2018 Business Revenues) for all CEIS airports and submit for CDOT's review.
 - Complete draft of Technical Memorandum #2: Technical Methodology for internal review and/or CDOT review.
- **CEIS Task 4: Calculate Tax Impacts**
 - KRAMER aerotek to finalize tax impacts once total impacts are finalized.
 - Initiate draft of Technical Memorandum #3 to document the tax impacts.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - Complete Technical Memorandum #4: Air Cargo, which documents the methodology and findings of air cargo in Colorado, and submit to CDOT for review.
- **CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry**
 - Revise Technical Memorandum #5: Agricultural Analysis based on CDOT's comments and submit for final review and upload to the project website.
- **CEIS Task 7: Real Life Stories Part II**
 - KH to reach out to Pilatus for stories and pictures.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates to Estimate Impacts of Future Scenarios**
 - Continue model development, integrating the economic impact results once approved. Also continue development of the user guide.
- **CEIS Task 11: Project Management and Reporting**
 - EDR Group 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 **November**.
 - Extended CASP Task 8: Develop Aviation Forecasts through **November**.
 - Extended CEIS Task 3: Calculate Impacts through **November**.
 - Extended CEIS Task 4: Calculate Tax Impacts through **November**.
 - Extended CEIS Task 5: Define Economic Role of Airports in Air Cargo through **November**.
 - Extended PAC Meeting No. 4 date to **January 2020**.
- The individual task extensions above should not affect final project deadline for the CASP. An extension to the CEIS may be requested pending resolution of the final impact numbers with CDOT.
- The second Regional Planning Organization (RPO) meeting and second Emergency Service Provider (ESP) meeting were removed from the project schedules based on budget conversations with CDOT (emails from Pam Keidel-Adams on 9/29).