

Progress Report #13

Period: September 1 - September 30, 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 a bi-weekly call on September 23. The bi-weekly call scheduled for September 9 was cancelled due to conflicting schedules. Internal team meetings were held to discuss tasks and progress. This thirteenth progress report was developed for inclusion with the invoice.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - KH distributed the PAC Meeting No. 3 PowerPoint presentation and meeting summary to all PAC members and uploaded the presentation and summary to the project website.
- **CASP Task 4: Establish Study Design and Goals - COMPLETE**
- **CASP Task 5: Inventory of System Condition**
 - Task 5.2: Compile inventory data in a format compatible with WIMS:
 - *KH submitted the CASP and CEIS data repository to CDOT on September 26 for integration into WIMS.*
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications**
 - KH uploaded the CDOT-approved draft chapter to the project website.
- **CASP Task 7: System Performance**
 - KH documented performance measure (PM) and system indicator (SI) analyses as well as facility and service objectives in the chapter. Separate appendices including a system-wide land use evaluation and individual airport facility and service objectives were also documented for inclusion in the CASP. KH finalized each airport's facility and service objective report card.
- **CASP Task 8: Develop Aviation Forecasts**
 - KH documented forecasts of aviation demand and completed the internal review process.
- **CASP Task 9: Explore Aviation Issues and Identify System Needs**
 - KH uploaded the CDOT-approved draft chapter to the project website.
- **CASP Task 10: Review of Intermodal Integration and Access**
 - KH uploaded the CDOT-approved draft chapter to the project website.
- **CASP Task 11: Review of Environmental Considerations**
 - See Task 10 for description of combined Chapter 3: Supplemental System Context.
- **CASP Task 13: Develop System-wide Cost Estimate and Implementation Plan**
 - KH began compiling airport CIPs from airport master plans and discussed timing of CDOT meetings on updated ACIPs.
- **CEIS Task 1: Data Collection**
 - KH drafted the Data Collection memorandum, which documents survey results and processes, and began the internal review process.
- **CEIS Task 2: Calibrate Econometric Model**
 - EDR noticed differing IMPLAN defaults when compared to 2013. EDR corrected the IMPLAN flaws and entered the corrections into the program. The IMPLAN defaults were also corrected in the Dynamic Calculator.
- **CEIS Task 3: Calculate Impacts**
 - EDR completed a review of direct impacts, airport-by-airport, based on feedback from the economic impact meeting with CDOT following PAC Meeting No. 3 on August 29.
 - EDR prepared an airport-by-airport summary compiling data from 2018 and 2013 including the tenants, construction data (capital expenditures over four years [the project team was previously calculating over



three years but CDOT requested that capital expenditures be averaged over four years]), and airport management data.

- EDR provided CDOT with preliminary economic impact for Rocky Mountain Metropolitan Airport (BJC), as requested.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - EDR completed the air cargo modeling and began drafting the air cargo technical memorandum.
- **CEIS Task 7: Real Life Stories Part II**
 - KH and KRAMER aerotek conducted an internal call to coordinate work on this task both internally and the work that the Metro State students will assist with.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios**
 - EDR began drafting the user guide and Dynamic Calculator application.
- **CEIS Task 9: Economic Impacts of DEN**
 - KH, EDR, and CDOT conducted a call with Adam Giombetti to discuss preliminary 2018 DEN economic impact results.
 - KH and EDR received 2015 capital expenditures from 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)**
 - Task 3.7 - Project Website: Add September progress report when approved by CDOT.
- **CASP Task 7: System Performance**
 - Complete documentation of draft Existing System Performance including the evaluation of the adequacy of airport system condition, utilizing the charts and maps. The chapter will include airfield and terminal capacities for each airport (excluding DEN) and the general land use evaluation for overall compatibility. Submit chapter to CDOT for review.
 - Begin analysis and draft documentation of Chapter 8: Future System Performance. A call with CDOT to determine future performance targets will be required once Existing System Performance is finalized.
- **CASP Task 8: Develop Aviation Forecasts**
 - Complete draft forecasts chapter and submit chapter 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**
 - Finalize technical memorandum and submit to CDOT for review.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - Finalize draft technical memorandum which documents the methodology and findings of air cargo in Colorado and conduct internal review.
- **CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry**
 - Finalize draft technical memorandum which documents the methodology and findings of the economic impacts on Colorado's agriculture industry, incorporating comments from internal review. Submit technical memorandum to CDOT for review.
- **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 9: Economic Impacts of DEN**
 - Finalize 2018 DEN economic impact and seek approval from DEN and CDOT.
- **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 **October**.
 - Extended CASP Task 8: Develop Aviation Forecasts through **October**.
 - Extended CEIS Task 3: Calculate Impacts through **September**.
 - Extended CEIS Task 4: Calculate Tax Impacts through **October**.
 - Extended CEIS Task 5: Define Economic Role of Airports in Air Cargo through **October**.
 - Extended PAC Meeting No. 4 date to **November**.
- The individual task extensions above should not affect final project deadline for the CASP or CEIS.