

Progress Report #10

Period: June 1 - June 30, 2019



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 June 3 and 17. Internal team meetings were held to discuss tasks and progress. This tenth progress report was developed for inclusion with the invoice.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - Task 3.1 - Project Branding (non-federal): COMPLETE
 - Task 3.2 - Establish PAC: No effort under this task was required in June.
 - Task 3.3 - Stakeholder Interviews: No effort under this task was required in June.
 - Task 3.4 - Meetings with CDOT Modal Managers, Regional Planning Organizations (RPO), and Emergency Service Providers (ESP):
 - *Modal Manager Meeting - One of the two modal manager meetings is complete, with a meeting held with the CDOT Statewide Plan (SWP) Owners/Modal Managers.*
 - *RPO Meeting - One of the two RPO meetings is complete, with a meeting held with the Statewide Transportation Advisory Committee (STAC).*
 - *ESP Meeting - One of the two ESP meetings is complete.*
 - Task 3.6 - CAOAs Conferences and Public Meetings: KH coordinated with CDOT on the 2019 CAOAs Spring conference in Greeley. KH presented a brief recap of the status of the CASP and CEIS, focusing on progress made and upcoming tasks for the CEIS. During the conference, KH met with many airport managers to confirm direct data for the CEIS utilizing a table provided at the conference.
 - Task 3.7 - Project Website: The May 2019 progress report was uploaded to the website and new ones will continue to be uploaded after CDOT approves them monthly. The website will also be updated with draft chapters as approved by CDOT.
- **CASP Task 4: Establish Study Design and Goals - COMPLETE**
- **CASP Task 5: Inventory of System Condition**
 - CDOT provided comments on the inventory chapter and KH revised accordingly. KH submitted a final inventory chapter for CDOT's review. KH coordinated with CDOT regarding data fields from the inventory for integration into WIMS. All data were reviewed for ease of integration and field naming conventions.
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications**
 - KH updated state roles map based on feedback provided by CDOT on the style/design and the finalized airport roles.
 - KH drafted the roles chapter based on the finalization of airport roles and data sources and submitted to CDOT for review.
- **CASP Task 7: System Performance**
 - KH drafted an initial chapter outline and began compiling data needed for system performance analyses.
- **CASP Task 8: Develop Aviation Forecasts**
 - DEN provided updated activity forecasts as of April 2019. KH will use these forecasts for DEN in Task 8.
 - KH initiated review of airport master plans and recording baseline and out-year forecast data for based aircraft, operations, and enplanements. KH is evaluating using airport master plan forecasts as a methodology for those developed after year 2000.
- **CASP Task 9: Explore Aviation Issues and Identify System Needs**
 - KH completed a draft of the aviation issues chapter based on stakeholder interview responses, airport manager inventory form responses, and information obtained from the ESP, STAC, and SWP meetings (see Task 2 discussion) and send to CDOT for review.

- **CASP Task 10: Review of Intermodal Integration and Access**
 - KH completed a draft of a combined chapter including the intermodal integration and access analysis and environmental considerations (Task 11). The draft chapter titled, “*Supplemental System Context*,” was sent to CDOT for review.
- **CASP Task 11: Review of Environmental Considerations**
 - KH completed a draft of a combined chapter including the intermodal integration and access analysis (Task 10) and the environmental considerations reported by airport managers, data from airport master plans on environmental issues/concerns, and available GIS and other maps. The draft chapter titled, “*Supplemental System Context*,” was sent to CDOT for review.
- **CASP Task 15: Include Real-Life Stories - NON FEDERAL**
 - Real-life stories obtained during various on-site visits were extrapolated from the database for use in documentation. Additional information on real-life stories obtained from other meetings (stakeholders, emergency service providers, etc.) are also being documented for use in the study.
- **CEIS Task 1: Data Collection**
 - KH compiled final tenant employment data based on responses from the verification email request in May to airports and updates obtained during the CAO A Spring conference in Greeley, CO.
 - KH submitted all survey results for EDR to analyze and model (tenant, FBO, transient GA pilot/passenger, commercial air passenger, DEN commercial passenger, business reliance, and businesses that own/lease an aircraft).
 - KH and EDR initiated draft sections of the technical memorandum which documents the survey results and explains the approach and process to the data collection efforts.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - EDR compiled data provided by airports (through inventory effort) and what is available through Bureau of Transportation Statistics (BTS). There were some variances. KH made calls to airports with data discrepancies and were able to confirm a couple. Air cargo data is now finalized and EDR is modeling the data.
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios**
 - EDR continued working on the dynamic model.
- **CEIS Task 9: Economic Impacts of DEN**
 - KH continued following up with DEN regarding additional information.
- **CEIS Task 11: Project Management and Reporting**
 - EDR Group participated in bi-weekly calls with CDOT.

2. Work Anticipated in Next Period

- **CASP Task 2: Project Management and Consultant Team Coordination**
 - Continued bi-weekly calls and meeting summaries.
- **CASP Task 3: Public Consultation and Project Advisory Committee (PAC)**
 - Task 3.2 - Send draft Inventory chapter to PAC for review. Schedule PAC meeting #3.
 - Task 3.7 - Project Website: Add June progress report when approved by CDOT and chapters when revised based on PAC input.
- **CASP Task 5: Inventory of System Condition**
 - Task 5.1 - Inventory chapter: Send to PAC for review.
 - Task 5.2 - Format with WIMS: Format master inventory database and submit to CDOT for use in WIMS.
- **CASP Task 6: Review Existing NPIAS Airport Roles/Classifications**

- Revise draft Roles/Classifications chapter based on CDOT feedback and submit to PAC for review.
- **CASP Task 7: System Performance**
 - Begin evaluating the adequacy of airport system condition and develop GIS maps to reflect applicable analyses. Begin estimating airfield and terminal capacities for each airport (excluding DEN) and evaluate to determine deficiencies and/or opportunities. Conduct general land use evaluation for general compatibility. Begin recording analyses into draft chapter.
- **CASP Task 8: Develop Aviation Forecasts**
 - Develop and apply forecast methodologies to based aircraft, operations, and enplanements based on direction from FAA and CDOT, including industry trends and Colorado demographics analysis.
- **CASP Task 9: Explore Aviation Issues and Identify System Needs**
 - Revise draft issues chapter based on CDOT feedback and submit to PAC for review.
- **CASP Task 10: Review of Intermodal Integration and Access**
 - Revise draft intermodal and environmental chapter (Supplemental System Context) based on CDOT feedback and submit to PAC for review.
- **CASP Task 11: Review of Environmental Considerations**
 - Revise draft intermodal and environmental chapter (Supplemental System Context) based on CDOT feedback and submit to PAC 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**
 - Complete technical memorandum which documents survey results and processes and submit to CDOT for review.
- **CEIS Task 5: Define Economic Role of Airports in Air Cargo**
 - Continue modeling air cargo data as reported by the airport and Bureau of Transportation Statistics (BTS).
- **CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates to Estimate Impacts of Future Scenarios**
 - Continue model development. The project team plans to demo the economic beta model with CDOT on 7/1.
- **CEIS Task 9: Economic Impacts of DEN**
 - Continue compiling direct data inputs.
- **CEIS Task 11: Project Management and Reporting**
 - EDR Group continue to participate in bi-weekly calls with CDOT.

3. Issues Incurred

- Extended inventory (Task 5) schedule through July to accommodate CDOT and PAC review.
- Extended roles/classifications (Task 6) through July to accommodate CDOT and PAC review.
- Extended system performance (Task 7) through August.
- Extended intermodal (Task 10) and environmental (Task 11) (Supplemental System Context) through July to accommodate CDOT and PAC review.
- The task extensions above should not affect final project deadline.