

7th Runway Due Diligence Phase

OVERVIEW

DEN is initiating advanced planning for additional runway capacity to accommodate future growth and minimize airfield delay. With DEN's proximity to the Rocky Mountains, and the unique wind and weather patterns that result for certain directions, runway capacity is critical. DEN's current configuration includes four north-south and two east-west runways. Contemplated as a relief valve for the National Airspace System, DEN has a masterplan for 12 runways spread over 53 square miles. Given that runway projects take an anticipated 7-10 years to complete, this environmental study is a critical step.

COMPETITIVE EDGE

- DEN is a hub for three airlines, making airfield capacity an imperative for a competitive environment that benefits travelers.
- The current DEN airport air traffic forecast projects 821,000 annual aircraft operations in 2030 with 94 million annual passengers. By 2040, annual aircraft operations are expected to be at 977,000 with 122 million passengers. With additional airfield capacity, DEN will be able to grow at a level that would place DEN among the busiest and most efficient airfields in the world.
- DEN has the 5th busiest airfield in the world in terms of aircraft operations (while being ranked 16th for total passengers), accommodating 640,000 aircraft operations in 2019.
- Thirty-nine additional gates will increase DEN's capacity by 30% by 2022.

CURRENT & FUTURE RUNWAY DUE DILIGENCE PHASE

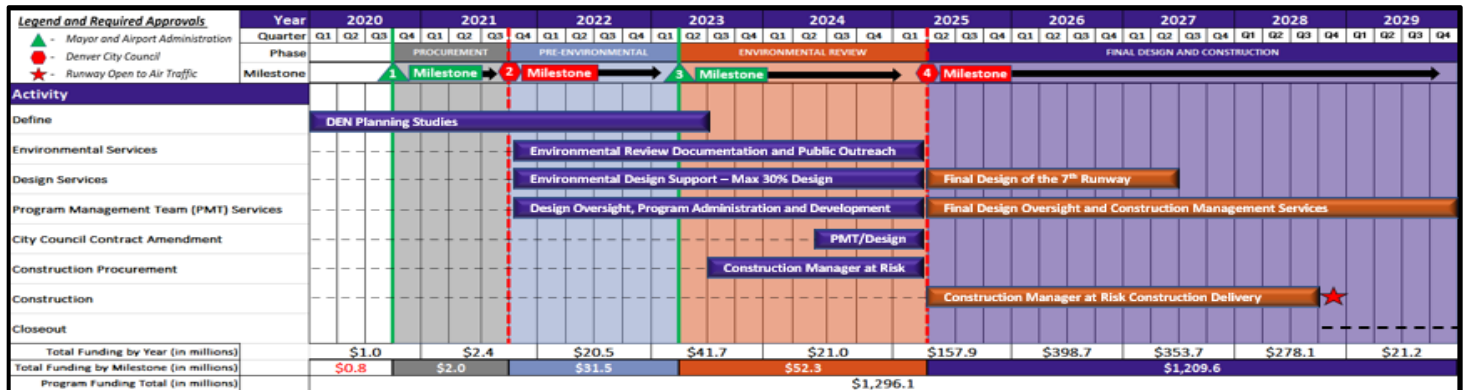
Current Planning studies will provide data for the National Environmental Policy Act (NEPA) process. DEN will study the purpose and need as well as runway alternatives, affected environment, and the environmental consequences. The FAA, DEN and environmental consultant will execute a robust Public Involvement Plan (PIP). Ultimately, the NEPA review will guide federal approval of the 7th runway. Additionally, the economic benefit study encompasses all programmed projects at DEN, including the 7th runway.

PROJECT TIMELINE

This is the first of multiple opportunities for City Council to weigh in on the ultimate decision to design and construct a future runway. Due to standard FAA environmental review, clearance process and the multi-year design and construction timeframe, the runway project will take approximately 8-10 years to complete. With DEN's projected growth, this is a critical step in preventing airfield congestion and traveler delays in the future. Additionally, it is for a competitive environment that will benefit passengers. As such, DEN is beginning this process to ensure the airport is prepared if traffic increases as anticipated. Below are the planned milestones. Here, DEN is requesting approval of Milestone 1 for the work to be done in Milestones 2 and 3:

- Milestone 1 – Procurement of Consultants
- Milestone 2 – Pre-Environmental Review
- Milestone 3 – Environmental Review, including up to 30% design
- Milestone 4 – Final Design and Construction of the 7th Runway

As used in this project, the “Pre-Environmental Review” refers to that part of the National Environmental Policy Act (“NEPA”) and environmental review process that includes the identification of the project purpose and need, the pre-scoping and scoping process, the analysis of the affected environment, and the analysis of environmental consequences and possible mitigation. The Environmental Review component includes the formal NEPA documentation, including the preparation of a draft and final Environmental Assessment and, if necessary, an Environmental Impact Statement.



PROFESSIONAL SERVICES NEEDED FOR THIS CRITICAL STEP

Environmental

- HNTB Corporation
- Base (EA) \$5,700,128 + Base (EIS) \$6,026,242 + Contingency \$3,273,630 = **\$15,000,000**
- Scope of Work: Environmental Assessment and if required, Environmental Impact Statement
- DBE Assigned Goal 15%; Committed to 15%; Projected 22.75%
 - DBE Partners:
 - Communication Infrastructure Group (CIG)
 - Pinyon
 - Entitlement and Engineering Solutions
- Responsive Bidders: 4

Design

- Jacobs Engineering Group, Inc.
- Base - \$39,987,092.00; Contingency \$6,000,000 = **\$45,987,092**
- Scope of Work: Up to 30% design and Engineering analysis to support Environmental Review
- DBE Assigned Goal 23%; Committed to 23.0%; Projected 23.7%
 - DBE Partners:
 - 105 West
 - Entitlement and Engineering Solutions
 - Geocal
 - SAN Engineering
 - Shewsberry
 - Smoky Hill Engineering
 - Trace
 - Walls Engineering



- West Coast Civil
- ZANN
- Responsive Bidders: 3

Program Management Team (PMT)

- AECOM Technical Services, Inc.
- Base - \$18,516,537; Contingency \$4,000,000 = **\$22,516,537**
- Scope of Work: Program Management Services; oversight of Designer and Environmental Consultants
- DBE Assigned Goal 25%; Committed to 25%; Projected 30%
 - DBE Partners:
 - LS Gallegos
 - CIG
 - ZANN
- Responsive Bidders: 3