

GENERAL DICK STOUT FIELD HURRICANE, UTAH RUNWAY DEVELOPMENT ALTERNATIVES

➤ ALTERNATIVE 1 RECONSTRUCT RUNWAY 18/36 (EXISTING ALIGNMENT)

Advantages

- Provides the adequate wind coverage based on FAA requirements.
- Would provide a runway that meets FAA design standards.

Disadvantages

- Requires complete reconstruction of existing pavement including significant earthwork.
- Constrains the runway to a maximum length of 4,047 feet.
- Increased closure time during reconstruction; airport closed for at least 1 year due to construction phasing.
- Requires the relocation of 1100W road.
- The maximum build out of the runway requires acquisition of a residence and land acquisition of approximately 30 acres.
- Moves the approach end of the runway toward the church and school.

The estimated development Cost of Alternative 1 is \$6,900,000

➤ ALTERNATIVE 2 REALIGN RUNWAY

Advantages

- Provides the adequate wind coverage based on FAA requirements.
- Would provide a runway that meets FAA design standards.
- Allows for an initial runway length of 4,000 feet, a future runway extension of 1,400 feet for a future runway length of 5,400 feet and an ultimate runway extension of 840 feet for an ultimate runway length of 6,240 feet.
- Moves the runway end away from the church and school.
- Allows the existing runway to remain open during the initial grading and drainage.
- Provides additional landside development area.
- Less potential for significant environmental impacts (socioeconomic).
- Provides more potential for aviation related commercial development (Larger aircraft)

Disadvantages

- Requires significant earthwork for new runway.
- Requires the acquisition of approximately 40 acres of land.
- Requires the relocation of 1100W road.

The estimated development Cost of Alternative 2 is \$6,600,000

➤ SUMMARY

- Both Alternatives require acquisition of additional land
- Both alternatives require relocation of 1100 W (This is in line with the City's road master plan)
- Alternative 1 will have a higher cost
- Alternative 2 will have less runway closure time during construction
- Alternative 2 has more potential for commercial development

➤ NEXT STEPS

Based on current funding it is anticipated that the FAA will pay for 95% of project costs and the State of Utah will pay for approximately 2.5%. The City of Hurricane would be responsible for 2.5% of the project costs.

- Environmental Assessment for Runway Realignment and Land Acquisition
- Land Acquisition for Realigned Runway and Replacement Road
- Design Replacement Road and Runway Realignment
- Construct Replacement Road / Grading and Drainage for Runway
- Pave Replacement Road and Realigned Runway