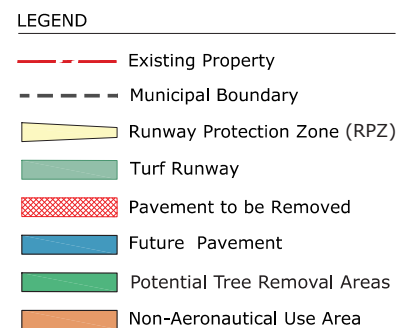


**CRYSTAL AIRPORT PREFERRED ALTERNATIVE**



**Overall project objectives:**

- Simplify the airfield layout
- Provide adequate runway length for aircraft currently using the airport
- Provide aircraft with enhanced arrival capabilities, while minimizing airspace obstacles to the main runway
- Improve airfield roadways for airport vehicle circulation
- Expand the airfield apron for additional aircraft parking
- Develop airport-owned property that is not used for airport operations for other uses
- Keep Runway Protection Zones (RPZs) on airport property, if possible

**Proposed project components:**

- 1 Decommission Runway 14R/32L and convert it to a full parallel taxiway for primary Runway 14/32
- 2 Convert portions of primary Runway 14/32 blast pads to usable runway for a total published length of 3,750 feet
- 3 Shift primary Runway 14/32 approximately 115 feet to the northwest along its centerline
- 4 Reduce the length of existing Runway 06R/24L (turf) to 1,669 feet
- 5 Revise the Runway 14 instrument approach procedure and establish a GPS-based procedure to Runway 32
- 6 Replace the Runway 32 visual approach slope indicator (VASI) with a precision approach path indicator (PAPI)
- 7 Relocate the Runway 14/32 runway end identifier lights (REILs)
- 8 Adjust and extend the runway and taxiway edge lights to correspond with the proposed primary runway length
- 9 Convert Taxiway E into an apron edge taxilane between Taxiways A and E1
- 10 Remove the section of Taxiway E that crosses Runways 06L/24R and 06R/24L
- 11 Remove Taxiways E2 and E3 and replace them with a single new connector
- 12 Add a connector taxiway between Taxiway E and the future parallel taxiway
- 13 Remove existing runway end connector Taxiways E1 and E4 and replace with new connectors
- 14 Add new engine-run up pads on either end of Runway 14/32
- 15 Construct on-airport perimeter roads to allow ground vehicles to circulate without crossing runways
- 16 Expand the FBO apron to increase tie-down spaces for aircraft and remove tie-downs from the Runway 06R RPZ
- 17 Release certain airport property for non-aeronautical use along 63rd Avenue North

