

West Parallel Runway

DENTON CITY COUNCIL

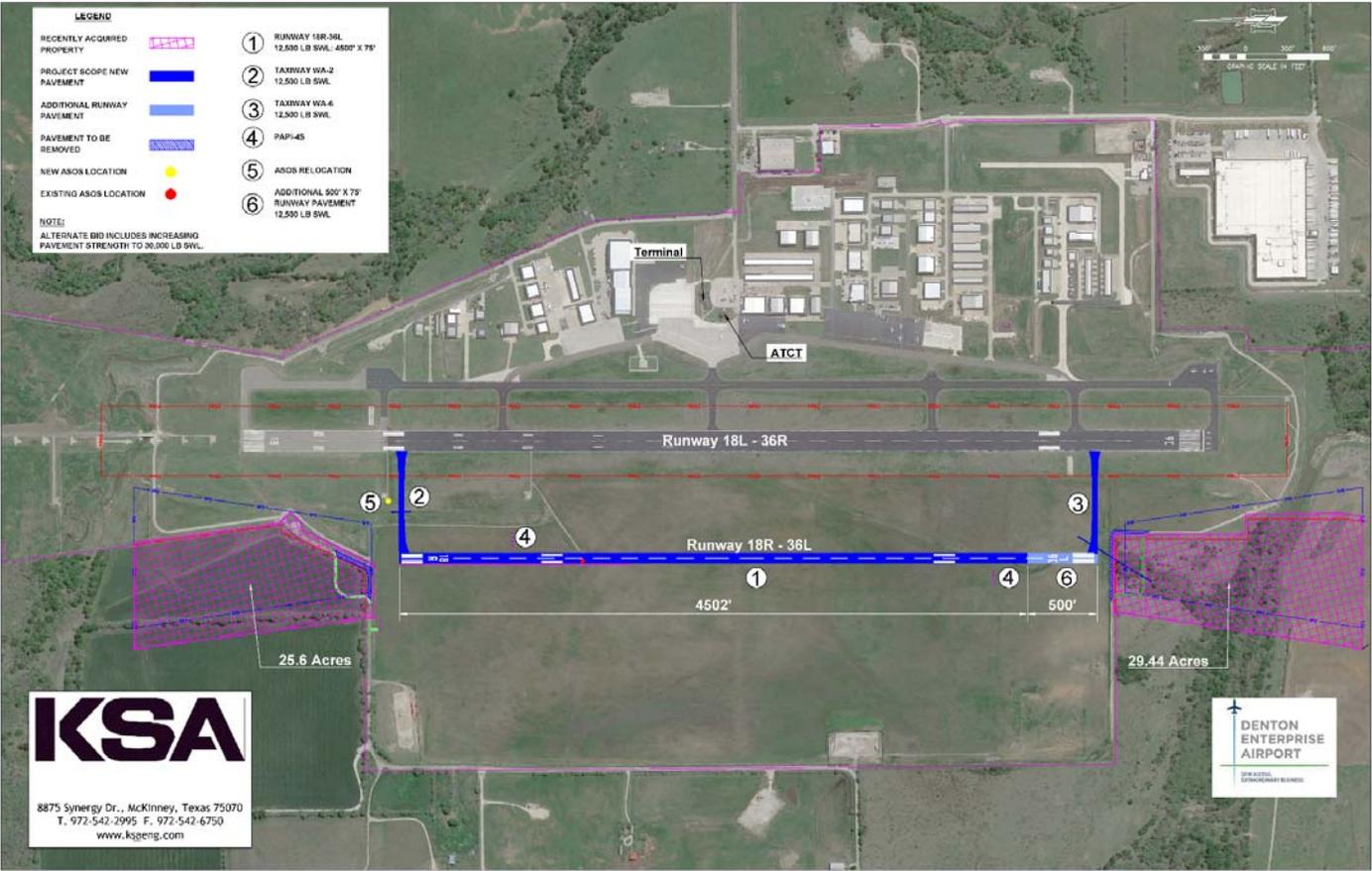
APRIL 10, 2017



Presentation Overview

- Site Plan West Runway Project
- Airport operations overview
- Review design options - benefits to support aviation operations
- Confirm commitment to fund proposed parallel runway
- Outline estimated project schedule

Proposed West Parallel Runway



Denton Operations Overview



- FAA Designated Reliever Airport
- Runway 18-35
 - 7,000' x 150'
 - 70,000 lbs single wheel / 100,000 lbs dual wheel landing gear
- 137,000 operations FY 2016
- 7th Busiest Airport in Texas 2015
- 2015 Master Plan justified parallel runway
- Separate aircraft operations for safety

Runway Design Options

- **4,500' x 75'** **12,500 pound weight bearing capacity**
 - *TxDOT scope*
- **5,000' x 100'** **12,500 pound weight bearing capacity**
 - *Master Plan scope*
- **5,000' x 75'** **30,000 pound weight bearing capacity**
 - *Revised proposal*

TxDOT Scope - 4,500' x 75' 12,500 lbs capacity

- Light aircraft use
- Separates training traffic from heavier / faster aircraft
- Limited capacity due to length and pavement strength
- Estimated Cost \$7.5M
 - TxDOT \$5.9M
 - Denton \$1.6M

Master Plan Scope - 5,000' x 100' 12,500 lbs capacity

- Light aircraft use
- Separates training traffic from heavier / faster aircraft
- Increased capacity over TxDOT scope - length
- Limited capacity due to pavement strength
- Estimated Cost \$8.4M
 - TxDOT \$5.9M
 - Denton \$2.5M

Recommended Scope - 5,000' x 75' 30,000 lbs capacity

- Light aircraft to medium turbine aircraft
- Occasional use by heavier aircraft - permission required
- Separates training traffic from heavier / faster aircraft
- Increased capacity due to length and pavement strength
- Estimated \$8.5M
 - TxDOT \$5.9M
 - Denton \$2.6M

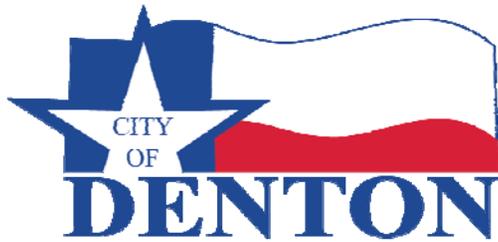
Schedule

Financial

- \$3.56 million in the FY 2017-18 CIP Budget
- Accelerated TxDOT schedule
- Reimbursement ordinance brought back to Council to fund the City's portion of project cost and issue Certificates of Obligation in FY 2017-18

TxDOT Notice to Proceed

- 8-12 weeks – complete design and advertise
- October 1 – Initiate nine-month construction phase



Conclusion