

C102162 Air Cargo Rd Safety Improvements

Construction Authorization

Project Scope

Early Work (Completed 2017)

- Critical Pavement Repair

Main Project

- Pavement Remediation
- Sidewalks / Bus Stops
- Cell Phone Lot Improvements
- Traffic Signals
- Roadway Illumination
- Landscaping



Project Budget and Schedule

Original Budget: \$ 8,819,590

Revised Budget: \$13,500,000

Budget increase due to:

- Scope Changes (additional traffic signals, Cell Phone Lot improvements, landscaping, unknown site conditions, sewer capacity improvements)
- Consultant vs. Staff Support
- Cost escalation

Original Completion: 2020 Q3

Revised Completion: 2021 Q3

Schedule delay due to:

- Late external review responses
- Protracted consultant rate negotiations
- Resource constraints

Anticipated Construction Impacts

- Active construction anticipated Q2 and Q3 2021
- Lane restrictions due to sidewalk construction
 - Westbound S 170th St reduced by one travel lane
 - Air Cargo Rd reduced to one travel lane each direction (no turn lane)
- Temporary partial Cell Phone Lot closure for improvements
- Paving will require closures and detours (night time activity)
 - S 170th St becomes one-way
 - Air Cargo Rd reduced to one lane in each direction
 - Airport Expressway On- and Off-Ramp and Cell Phone Lot closures

Project Risks

Risk	Description	Prob.	Impact	Mitigation Plan
COVID-19 Cost	COVID-19 requirements increase construction cost	High	Medium	Project estimate accounts for COVID-19 requirements based upon current active projects
COVID-19 Schedule	COVID-19 delays material procurement during construction	Low	Medium	Project team tracking local market conditions
Unknown Site Conditions / Contaminated Soils	Project encounters unknown site conditions or contaminated soils during construction	Medium	Medium	Construction contract includes force accounts to manage risk
Temporary Signal	Existing Cell Phone Lot signal fails prior to replacement	Low	Medium	Existing O&M contract includes scope for repairs if required
Cemetery Property	Project encounters unknown or shifted burial site	Low	Medium	Archeological oversight is planned during adjacent sidewalk work