



Identified Concerns

Proposed Improvements

Safety

Intersection crash rate is higher than statewide average for similar intersections

- Provide channelized right turn lanes for each approach
- Add designated left-turn lanes on Cushman Street
- Provide positive offset left-turn lanes on Airport Way approaches to Cushman Street to improve sight distance for left-turning east and westbound traffic

Capacity

Long delays for southbound and northbound travellers

- Provide channelized right turn lanes for each approach
- Add designated left-turn lanes on Cushman Street
- Upgrade signal controls to decrease vehicle delays which will improve air quality at the intersection

Pedestrian / Bicyclist Safety and Access

Long crossing distances for pedestrian and bicyclist

- Upgrade sidewalk and pathway facilities for improved travel surface and conformance with the American with Disabilities Act (ADA)
- Construct raised refuge islands to reduce pedestrian and bicyclist crossing distances and exposure to vehicles

Community and Economic Development

Cushman Street is a "signature" street important in Downtown Fairbanks

- Add landscaping to enhance the area and enhance the regional quality of life
- Upgrade sidewalks to accomodate pedestrians and bicyclists
- Tie intersection in with the recently constructed Cushman Complete Streets

Air Quality

Long vehicle delays and poor traffic operations lead to high emissions and increased fuel use

- Alteration of intersection geometrics and addition of auxilliary lanes and upgraded signal controls will decrease delays thus improving fuel use, reducing emissions, and improving air quality