

Initial Alternatives

Parker Road and Quincy Avenue Intersection

- **Alternative A1 – Reevaluation of signal progression of southbound Parker Road left turn:** reevaluates the signal progression to possibly reduce the queue along Quincy Avenue between Parker Road and the shopping center traffic signal.
- **Alternative A2 – Evaluation of pedestrian interval across Parker Road:** examines the duration and phasing of the pedestrian interval across Parker Road at Quincy Avenue to potentially improve pedestrian and bicyclist safety and comfort.
- **Alternative A3 – Evaluation of eastbound left turn phase:** examines the left turn phasing for eastbound vehicles on Quincy Avenue at Parker Road to potentially improve vehicular safety.
- **Alternative A4 – Evaluation of westbound left turn phase:** examines the left turn phasing for westbound vehicles on Quincy Avenue at Parker Road to potentially improve pedestrian/bicyclist safety and comfort.
- **Alternative A5 – Pedestrian/bicyclist median refuge:** provides a median refuge for pedestrians and bicyclists crossing the intersection to rest or wait.
- **Alternative A6 – Removal of pedestrian/bicyclist crossings at signal:** prohibits pedestrians/bicyclists from crossing Parker Road at the Quincy Avenue traffic signal, potentially improving the vehicular operations at the intersection.
- **Alternative A7 – Increased westbound right turn corner radius and third right turn lane during AM peak period:** increases the radius of the northeast corner and provides a third lane for the westbound right turn movement during the AM peak period with overhead lane control signs (showing through/right lane).
- **Alternative A8 – Additional westbound right turn lane as free right with acceleration lane to south shopping center access:** consists of an additional right turn lane for westbound Quincy Avenue with an acceleration lane on northbound Parker Road terminating at the south shopping center access.
- **Alternative A9 - Additional westbound right turn lane as free right with acceleration lane to north shopping center access:** consists of an additional right turn lane for westbound Quincy Avenue with an acceleration lane on northbound Parker Road terminating at the north shopping center access.
- **Alternative A10 – At-grade loop in southwest quadrant for southbound left turn movement:** constructs an at-grade loop road in the southwest quadrant of the intersection for the heavy movement from southbound Parker Road to eastbound Quincy Avenue, allowing the traffic signal to operate with two signal phases.

Quincy Avenue and Smoky Hill Road Intersection

- **Alternative B1 – Reevaluation of pedestrian crossing across west leg:** reevaluates the location, alignment, and treatment of the north-south pedestrian/bicyclist crossing of Quincy Avenue at Smoky Hill Road.
- **Alternative B2 – Evaluation of westbound left turn phase by time-of-day:** reevaluates the phasing for the westbound left turn from Quincy Avenue.
- **Alternative B3 – Reevaluation of pavement markings for northbound left turn lanes through the intersection:** examines the pavement markings for the triple left turn movement from northbound Smoky Hill Road to westbound Quincy Avenue.
- **Alternative B4 - Additional signage and pavement markings for eastbound shared right turn lane:** examines the signage and pavement markings for the eastbound Quincy Avenue right turn to increase the number of drivers utilizing the shared through-right turn lane to southbound Smoky Hill Road.
- **Alternative B5 – Additional exclusive eastbound right turn lane and exclusive northbound left turn lane:** widens the eastbound and northbound intersection approaches to construct an additional exclusive eastbound right turn lane and an exclusive northbound left turn lane.

Area Roadways or System Management

- **Alternative C1 – “Do Not Block” pavement markings at Quincy Avenue and Atchison Way (signage exists):** adds pavement markings at the Atchison Way intersection of Quincy Avenue to discourage blocking the intersection.
- **Alternative C2 – “Do Not Block” signs and pavement markings at Parker Road and Rice Place:** adds signs and pavement markings at the Rice Place intersection of Parker Road to discourage blocking the intersection.
- **Alternative C3 - Wider sidewalk with barrier along east side of Parker Road north of Quincy Avenue:** widens the existing attached sidewalk along the east side of Parker Road between Quincy Avenue and Lehigh Avenue.
- **Alternative C4 - Sidewalk along west side of Parker Road south of Quincy Avenue:** provides sidewalk along the west side of Parker Road south of Quincy Avenue.
- **Alternative C5 – Additional westbound lane on Quincy Ave between Parker Road and Smoky Hill Road:** widens Quincy Avenue to add a westbound lane between Smoky Hill Road and Parker Road.
- **Alternative C6 - Multimodal grade separation of Parker Road north or south of Quincy Avenue:** provides a grade-separated crossing of Parker Road for pedestrians and bicyclists, located either north or south of the Quincy Avenue traffic signal.