



PUBLIC INVOLVEMENT MEETING INTERSECTIONS



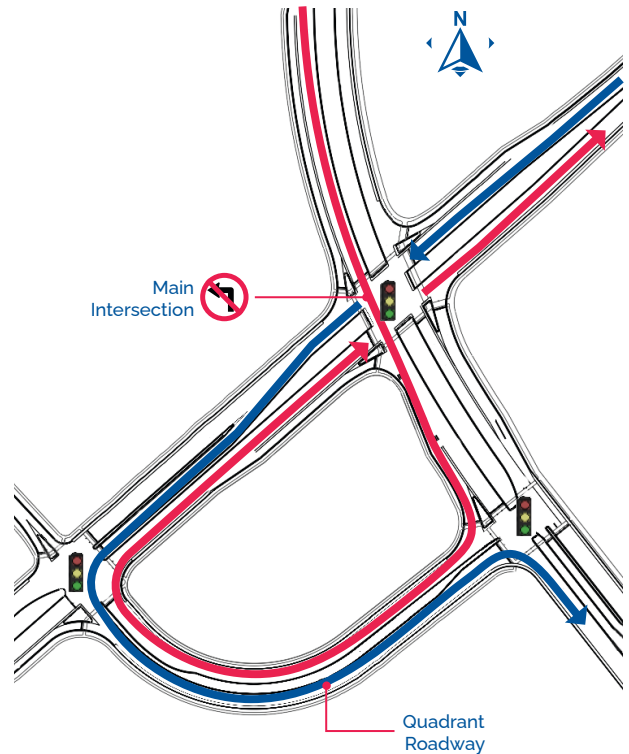
WHAT IS A QUADRANT INTERSECTION?

A quadrant intersection removes left turns from the main intersection allowing through traffic to move efficiently through the main intersection. Drivers who wish to turn left will travel through the quadrant roadway instead. This design creates two additional intersections designed to operate together with the main intersection.

Example left turns are shown in **RED** and **BLUE**.

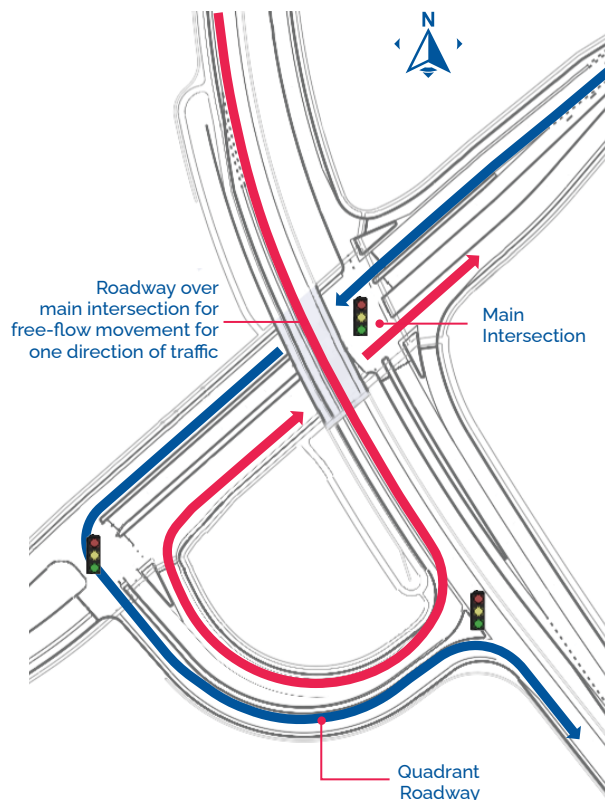
ADVANTAGES:

- ▶ Improves traffic capacity within main intersection and reduces locations where collisions can occur
- ▶ Potential reduction in left-turn collisions
- ▶ No turning vehicles in the main intersection improves crossings for pedestrians and bicycles



WHAT IS A JUGHANDLE INTERSECTION?

A jughandle intersection is similar to a quadrant intersection but uses a bridge to allow traffic to flow freely over the main intersection in one direction. A jughandle intersection includes a quadrant roadway to carry specific left-turn movements, which improves traffic flow in the main intersection.



ADVANTAGES:

- ▶ Improves traffic capacity within main intersection and reduces locations where collisions can occur
- ▶ Potential reduction in left-turn collisions
- ▶ Potential reduction in overall travel time and stoppage time
- ▶ Increases space for high-volume left turns
- ▶ Reduces bike/pedestrian crossing distance in main intersection

