

# Broadway Concepts

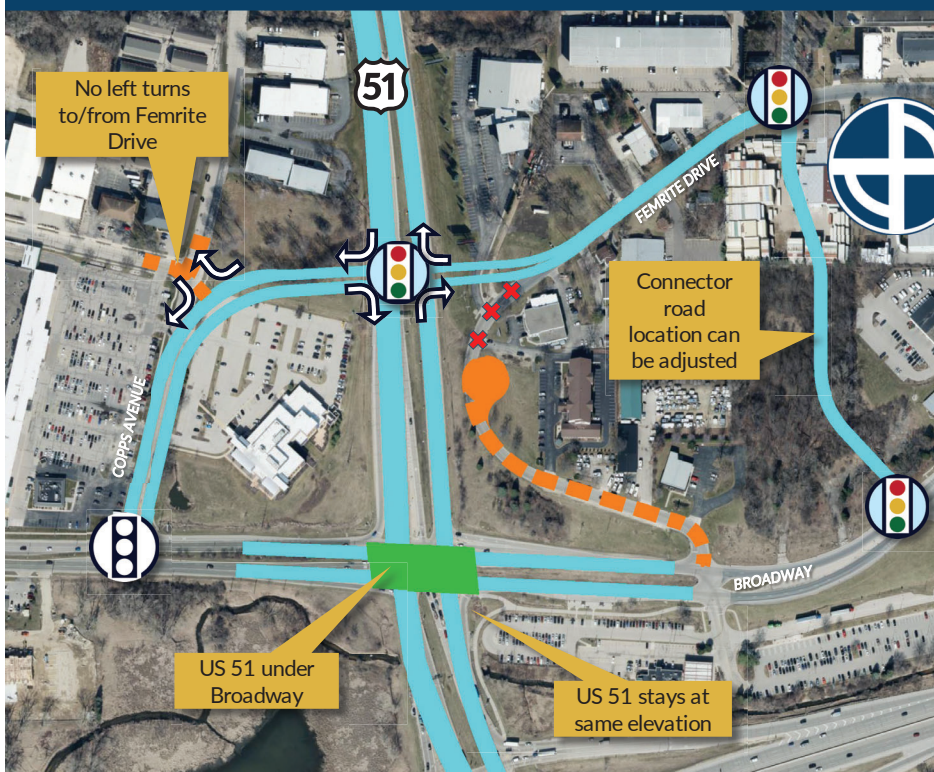
Concepts include splitting the existing intersection into two tee intersections or a hybrid intersection



## Offset Tee Intersection

Creates two tee intersections at Femrite Drive (to the east) and Broadway (to the west).

- + Tee intersection likely to decrease crashes due to fewer left turn movements
- + Increased intersection spacing from Beltline, eases merge from Broadway to Beltline
- + Pair of tee intersections would improve intersection operations
- + No bridge costs required
- Some east/west indirection
- East/west travelers rerouted along US 51
- May require up to 5 property relocations



## Hybrid Intersection

New intersection near Femrite Drive restricted to right turns only to and from US 51.

- + Right-turn-only concept provides greatest decrease in expected number of crashes
- + East/west travelers on Broadway would no longer interact with US 51 traffic
- + Increased intersection spacing from Beltline
- + Provides best intersection operations
- Indirection caused by right-turn-only intersection design
- Increases traffic volume along Copps Ave
- May require up to 2 property relocations
- High cost due to bridge and retaining walls

### LEGEND:



New Signal



Improve Existing Signal

US 51 Improvements

Local Road Improvements



Proposed Bridge



Remove Roadway



Right Turns Only