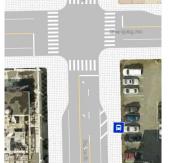


# FENTON STREET BIKEWAY IMPROVEMENTS INTERSECTION CONCEPTS\* - SOUTHERN SEGMENT: GIST AVENUE TO WAYNE AVENUE







## Existing conditions:

- · Single thru/right lane each direction.
- · Left turn lane each direction.
- · Parking continues almost to intersection.

## Concept 1



#### Concept Premise: Protect turns across bikeway

- · Right and left turns across the bikeway are protected by arrow
- · Southbound would have a shared thru/left (could be turn restricted during rush hour).
- Northbound has a protected left and a shared thru/right.
- · Parking would need to stop farther away from the intersection.

## Concept 2



## Concept Premise: Protect right turns across bikeway, ban lefts across bikeway

- · Right turns across the bikeway are protected by arrow signals.
- Southbound would have a shared thru/left (could be turn restricted during rush hour).
- · Northbound left is banned, with a shared thru/right.
- Parking could continue closer to intersection than Concept 1.
- Pedestrian exposure is less than Concept 1.

## Concept 3

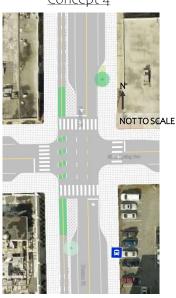


## Concept Premise:

## Maintain left turn lanes at intersections

- · Right turns across the bikeway are not protected by arrows.
- · Left turns across the bikeway could be protected by arrow signals.
- Both northbound and southbound Fenton have left turn lanes.
- Parking would need to stop farther back from the intersection, similar to Concept 1.
- · Pedestrian exposure is greater than in Concept 2.

## Concept 4



#### Concept Premise: Maintain as much parking as possible

- · Turns across the bikeway are not protected by arrows.
- · Neither northbound nor southbound Fenton have left turn
- · Left turns could be restricted during certain hours.
- Parking could continue closer to the intersection, similar to existing conditions.
- · Pedestrian exposure is minimized.



\*Intersection concepts are examples only and will be used to test impacts in the study. The preferred alternative could have a mixture of these at different intersections through the corridor.