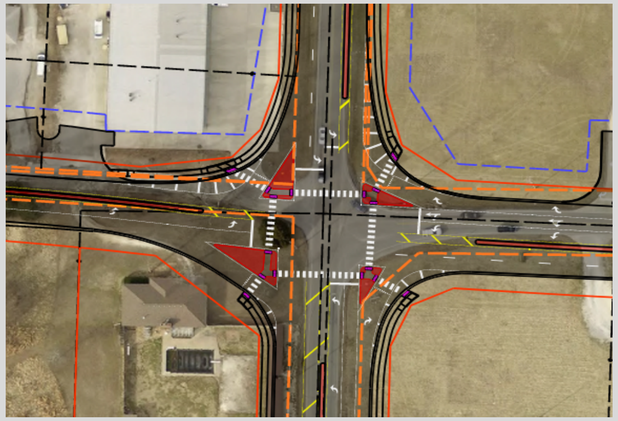
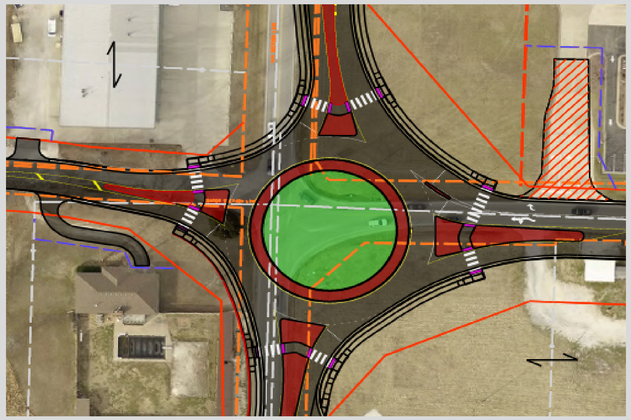
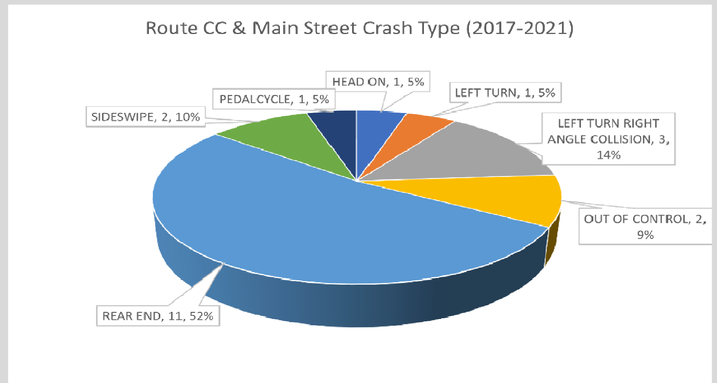
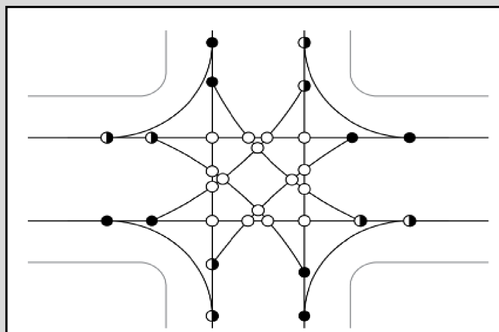
	Traffic Signal		Roundabout		Existing Intersection
Pros:	Very Common More Operational Control than Stop-Controlled Intersections	**Pros:**	Safer than Traffic Signal Lowest Maintenance & Operational Cost Reduced Idling (i.e. better air quality)		4-way Stop 8,459 Vehicles per Day 21 Crashes Past 5 Years
Cons:	Less Safe than Roundabouts Greater % of Severe Crashes Increased Maintenance Cost Compared to Roundabout	**Cons:**	More Complicated to Construct than Traffic Signal		**Future Intersection Considerations** Pedestrian Facilities Main Street Widening Protecting Future RW Needs on East Leg





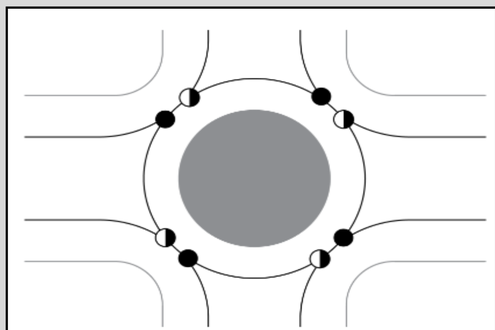




Legend
= Diverging
= Merging
= Crossing

Conflict Type	Count
Crossing	16
Merging	8
Diverging	8
Total:	
32 Conflicts	

Conventional Intersection: Conflict Points



Legend
= Diverging
= Merging
= Crossing

Conflict Type	Count
Crossing	0
Merging	4
Diverging	4
Total:	
8 Conflicts	

Single Lane Roundabout: Conflict Points

Overall Intersection Operations Comparison

Alternative	Build Year 2025		Build Year 2045	
	AM	PM	AM	PM
All-way Stop	C 17.5 s/veh	D 43.2 s/veh	F 97.0 s/veh	F 203.9 s/veh
Roundabout	A 7.2 s/veh	A 8.6 s/veh	A 8.1 s/veh	B 11.8 s/veh
Traffic Signal	C 21.3 s/veh	C 22.0 s/veh	C 25.2 s/veh	C 27.2 s/veh