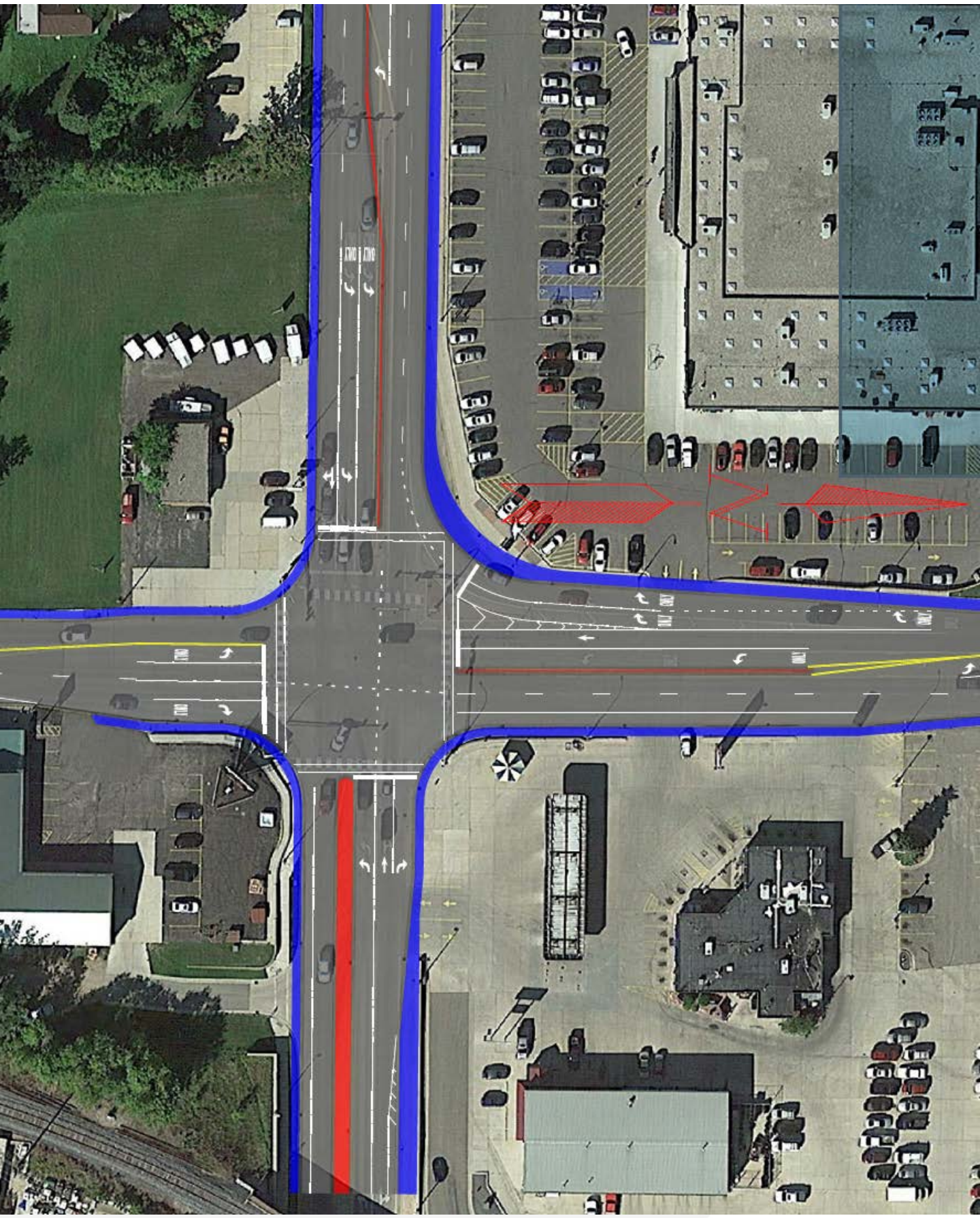
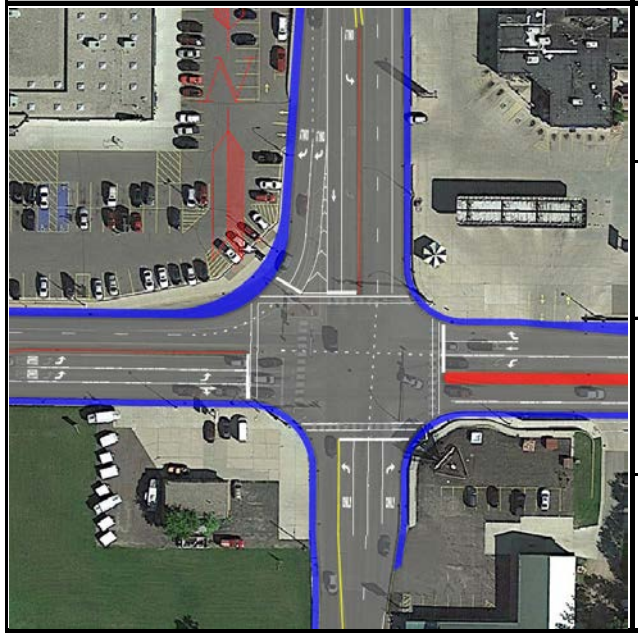

Intersection: 3rd Avenue

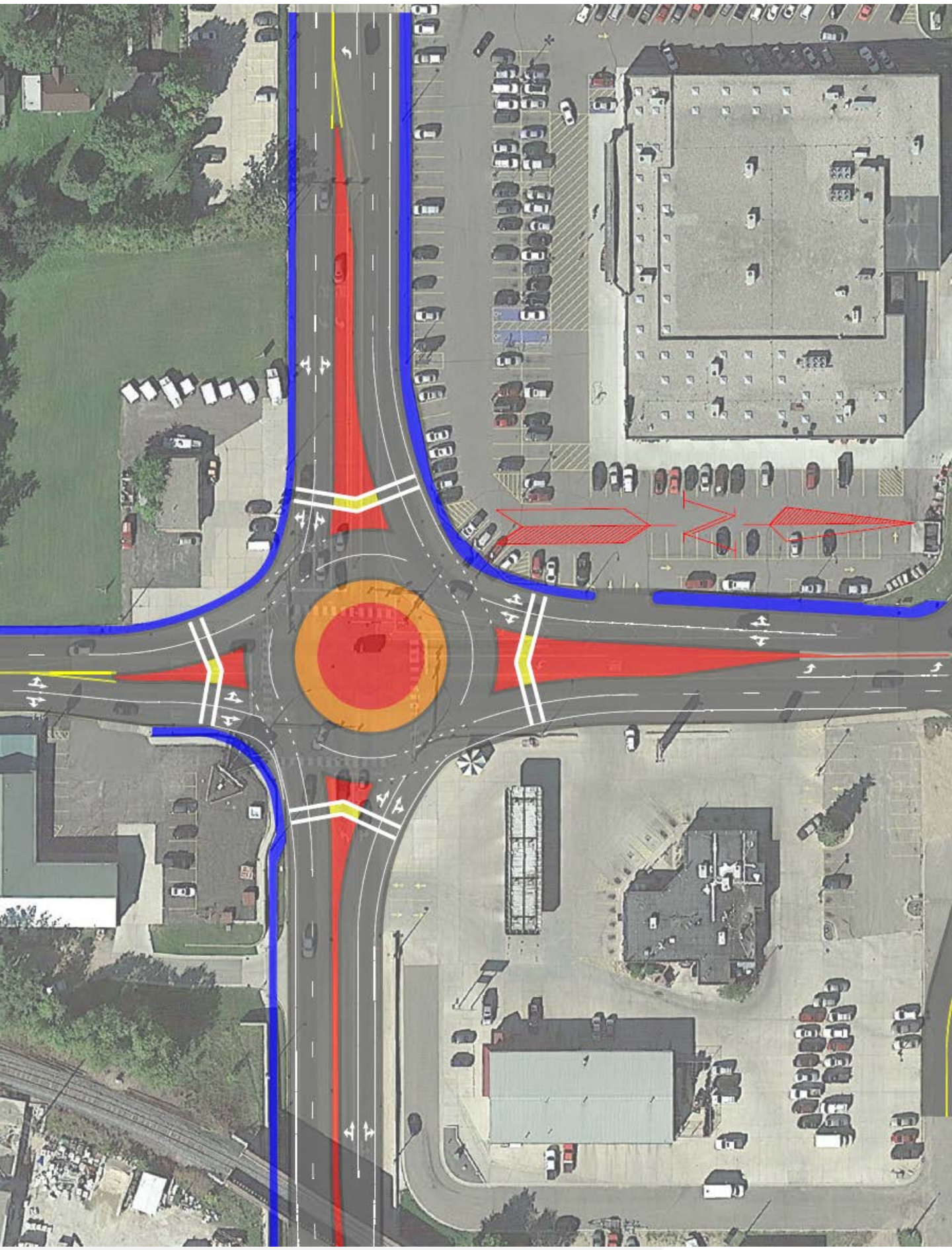
Major Intersection Improvements



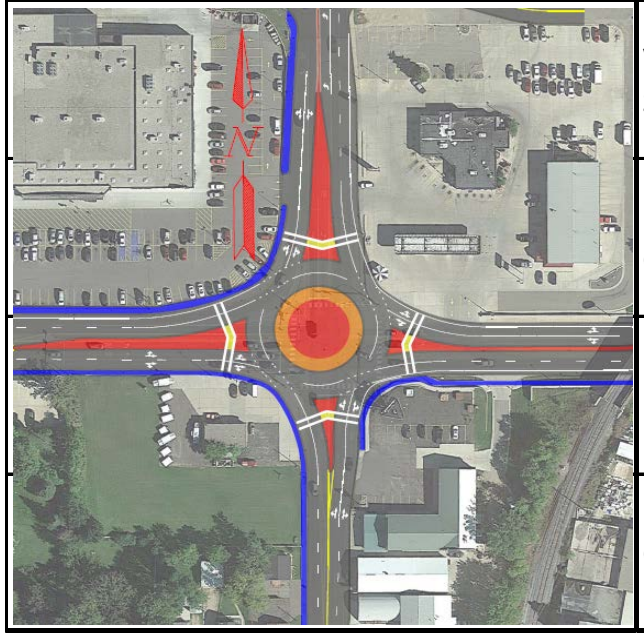
Major Intersection Improvements

Concept Drawing	Scoring Category	Category Weight	Category Score	Notes	Weighted Score
	Vehicle Efficiency and Safety	43	●●●●●●●●○○	Minor traffic flow improvements expected. Peak hour queuing still present, but minor improvements expected. Medians reduce the number of conflict points from nearby business accesses.	●●●●●●●●○○ (8.1)
	Bicycle and Pedestrian Connectivity and Safety	24	●●●●●●●●○○	Removal of free southbound right turn movements improves nonmotorized crossing safety. Access management via medians reduces the amount of conflicts between vehicles and pedestrians.	
	Property and Environmental Impacts	18	●●●●●●●●●○	Fits within existing intersection footprint.	
	Cost	16	●●●●●●●○○○	Estimated project cost: $200-250k	

2x2 Roundabout



2x2 Roundabout

Concept Drawing	Scoring Category	Category Weight	Category Score	Notes	Weighted Score
	Vehicle Efficiency and Safety	43	●●●●●●●●●●	Significant traffic flow improvement with delays reduced by over 50% . Potential increase in crash frequency, but reduction in serious injury crashes. Splitter islands likely to reduce the nuber of conflict points on nearby accesses	●●●●●●●○○○ (7.4)
	Bicycle and Pedestrian Connectivity and Safety	24	●●●●●●●○○○	Removes pedestrian signal phases, but reduces entering vehicle speeds. Splitter islands allow pedestrians to cross one direction of traffic at a time. Access management via medians reduces the amount of conflicts between vehicles and nonmotorized users.	
	Property and Environmental Impacts	18	●●●●●●●●○○	Minor impacts to intersection corners likely.	
	Cost	16	○○○○○○○○○○	Estimated project cost: $1.4-1.6 million	

Summary

Alternative	Scoring Category	Category Weight	Category Score	Weighted Score
Do Nothing (Traffic Signal)	Vehicle Efficiency and Safety	43	●●●●●●○○○○	●●●●●●●○○○ (7.4)
	Bicycle and Pedestrian Connectivity and Safety	24	●●●●●●○○○○	
	Property and Environmental Impacts	18	●●●●●●●●●●	
	Cost	16	●●●●●●●●●●	
Major Intersection Geometry Improvements	Vehicle Efficiency and Safety	43	●●●●●●●●○○	●●●●●●●●○○ (8.1)
	Bicycle and Pedestrian Connectivity and Safety	24	●●●●●●●●○○	
	Property and Environmental Impacts	18	●●●●●●●●●○	
	Cost	16	●●●●●●●○○○	
2x2 Roundabout	Vehicle Efficiency and Safety	43	●●●●●●●●●●	●●●●●●●○○○ (7.4)
	Bicycle and Pedestrian Connectivity and Safety	24	●●●●●●●○○○	
	Property and Environmental Impacts	18	●●●●●●●●○○	
	Cost	16	○○○○○○○○○○	