

# CIP T-84 Cosgray Road IMPROVEMENTS



Real People, Real Possibilities.

## Option 1 - Signalized Alternative

- Traffic Signals with Turn Lanes
- Traffic Signal Warrants
  - Woodsvie Way – **Now**
  - Jeffrelyn Drive/Hoffman Farms Drive – 2028
  - Parkmeadow Lane/Bell Haven – 2032
  - Homestead Park – Depends on Grener Park Development

### ADVANTAGES (compared to roundabout alternative)

- Driver familiarity of the rules
- Slightly less property impacts at the intersections

### DISADVANTAGES (compared to roundabout alternative)

- Higher construction cost
- Increased potential for injury crashes
- Increased delay on Cosgray Road
- Increased delay on Side Streets
- Longer pedestrian crossings and delays
- Higher speeds along Cosgray Road



(Utilized for turn lanes at Intersections)

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## Option 1 - Signalized Alternative



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## Option 2 - Roundabout Alternative

- Single Lane Roundabouts
  - *Woodsvie Way* – **Priority 1**
  - *Jeffrelyn Drive/Hoffman Farms Drive* – **Priority 2**
  - *Parkmeadow Lane/Bell Haven* – **Priority 3**
  - *Homestead Park* – **Depends on Grener Park Development**

### ADVANTAGES (compared to signal alternative)

- Lower cost
- Decrease potential for injury crashes
- Reduced delay on Cosgray Road
- Reduced delay on Side Streets
- Lower speeds along Cosgray Road

### DISADVANTAGES (compared to signal alternative)

- Slightly more property impacts at the intersection

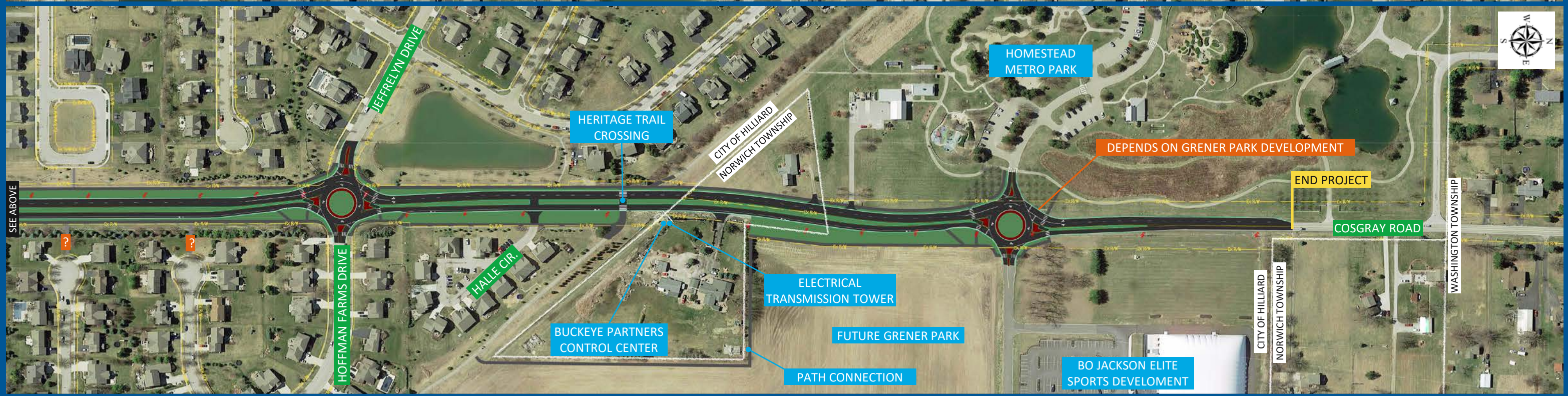


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## Option 2 - Roundabout Alternative



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## Evaluation Matrix

	Option 1 Signalized Alternative	Option 2 Roundabout Alternative	LEGEND	
Bicycle & pedestrian crossing delay and safety			Excellent	
Provides needed traffic capacity			Good	
Vehicle safety			Average	
Property impacts			Fair	
Construction costs			Poor	
Ongoing costs				
Access from side streets				
Vehicle delay				
Speed control				

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## Bike and Pedestrian Improvements (Both Options)



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## A Phased Approach: Short Term Improvements (2-10 years)



- **Why?** Spread out costs & focus on priority needs first
- Fill in path gaps south of Woodsview Way
- First Priority – Woodsview Way
  - Traffic signal or
  - Single lane Roundabout
- Second Priority - Grener Property/Homestead Park
  - Dependent on Grener Park Development
  - Once Grener Park develops, intersection improvement is needed
- Second Priority - Jeffrelyn Drive/Hoffman Farms Drive
  - Traffic signal or
  - Single lane roundabout

