

## US 8 & 17 N / Germond Road Intersection

### Alternative 1 – Mill and Overlay

- Mill and overlay the existing pavement.
- Improves the ride quality of the road.
- Reuses existing signals.
- Accommodates oversized/overweight vehicles.
- Operates well through year 2046.
- Designed for 45 mph posted speed.
- Approximate cost to construct: \$640,000

### Alternative 2 – Improved Signalized Intersection

- Reconstructs the intersection as an updated signalized intersection.
- Replaces the deteriorated pavement and curb & gutter.
- Replaces all traffic signals.
- Updates the curb and gutter in medians.
- Extends the turn bays.
- Accommodates oversized/overweight vehicles.
- Operates well through year 2046.
- Designed for potential 55 mph posted speed.
- Approximate cost to construct: \$2,120,000.



### Alternative 3 – Roundabout

- Reconstructs the intersection as a modern single-lane roundabout.
- Replaces the deteriorated pavement and curb & gutter.
- Reduces the number of intersection conflict points.
- Reduces crash severity.
- Accommodates oversized/overweight vehicles.
- Potential accommodations for bicycles and pedestrians.
- Operates well through year 2046.
- Designed for potential 55 mph posted speed.
- Approximate cost to construct: \$1,940,000.

