

US 8 & WIS 17 South/Boyce Dr Intersection

Alternative 1 – Replace in Kind

- Matches existing intersection layout
- Replaces the deteriorated pavement and curb & gutter
- Reuses existing signals.
- Does not address safety issues at the intersection.
- Accommodates oversized/overweight vehicles
- Operates well through year 2046.
- Designed for 45 mph posted speed.
- Approximate cost to construct: \$1,620,000.

Alternative 2 – Improved Signalized Intersection

- Reconstructs the intersection as an updated signalized intersection.
- Replaces the deteriorated pavement and curb & gutter.
- Replaces all traffic signals.
- Improves safety by adding slotted left-turn lanes to all four legs of the intersection.
 - Improves visibility for drivers in the left turn lane.
- Accommodates oversized/overweight vehicles.
- Operates well through year 2046.
- Designed for 45 mph posted speed.
- Approximate cost to construct: \$2,670,000.



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
- Potential accommodations for bicycles and pedestrians.
- Accommodates oversized/overweight vehicles.
- Operates well through year 2046.

- Designed for 45 mph posted speed.
- Approximate cost to construct: \$1,880,000.

