

PIONEER TRAIL ALTERNATIVES

ALTERNATIVE 1



Modifications

- Median closed at Jonathan Square access
- Accommodate U-turns at the intersection of Pioneer Trail at Village Road

Benefits

- Reduces peak hour intersection delay by 30-65%
- Reduces morning northbound through queue length by over 500 feet
- Reduces afternoon southbound through queue length by over 1850 feet
- Keeps full access at Kwik Trip

ALTERNATIVE 2



Modifications

- Additional westbound left turn lane
- Jonathan Square access converted to right in right out
- Channelized left turn lanes added at Kwik Trip/Lakeview Clinics
- Add northbound left to Jonathan Square access off of TH 41

Benefits

- Reduces peak hour intersection delay by 35-70%
- Reduces morning northbound through queue length by 600 feet
- Reduces afternoon southbound through queue length by over 1900 feet
- Keeps full access at Kwik Trip
- Additional access to Jonathan Square for northbound traveling vehicles

PIONEER TRAIL ALTERNATIVES

ALTERNATIVE 3



Modifications

- Additional westbound left turn lane
- Add channelized left turn lanes into Jonathan Square and Lakeview Clinics accesses.

Benefits

- Reduces peak hour intersection delay by 35-70%
- Reduces morning northbound through queue length by 600 feet
- Reduces afternoon southbound through queue length by over 1900 feet
- Converts left turning traffic to right turning movements from Kwik Trip, Jonathan Square and Lakeview Clinic accesses

ALTERNATIVE 4



Modifications

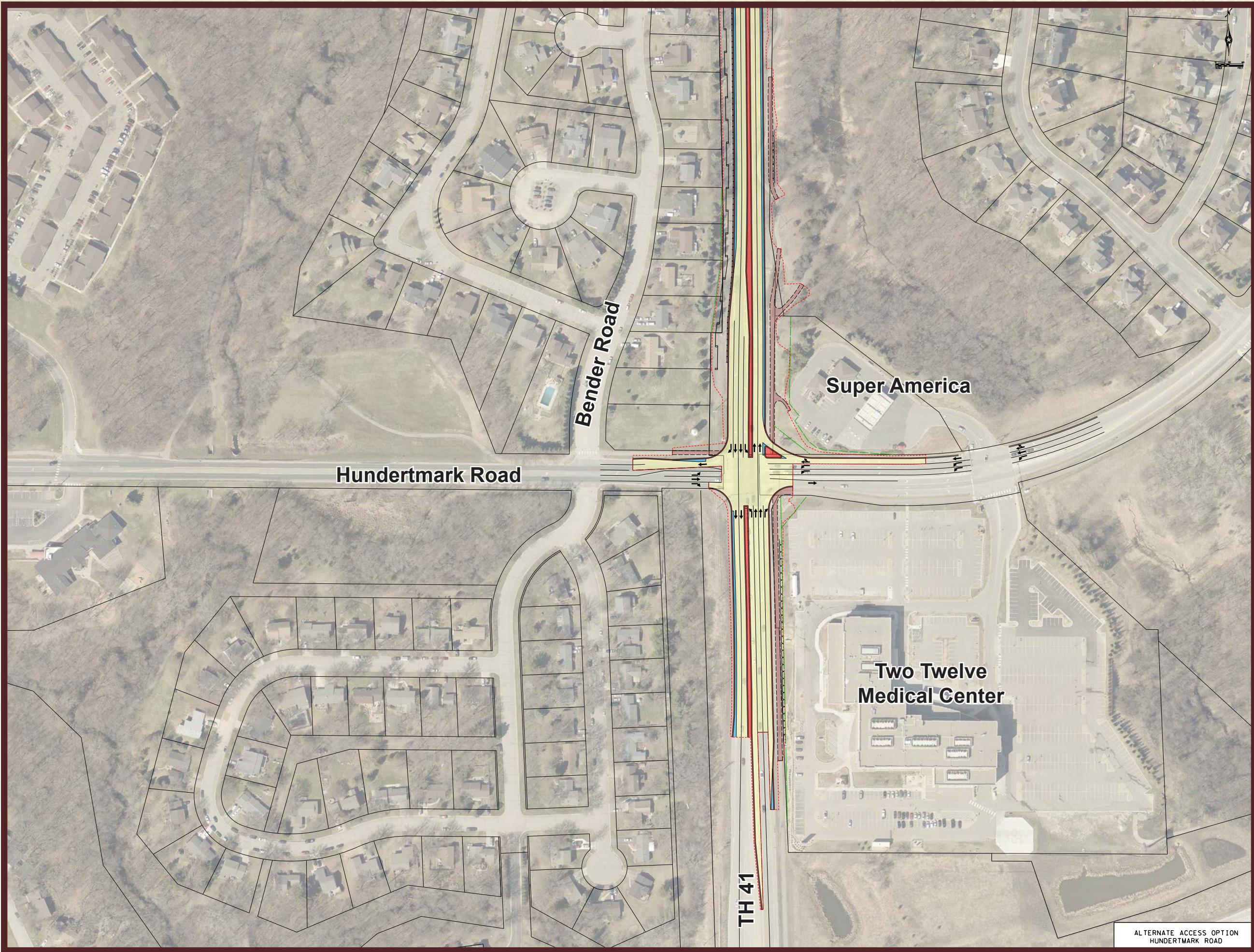
- Converts TH 41 at Pioneer Trail to a multi-lane roundabout
- Converts Pioneer Trail at Village Road to a partial multi-lane roundabout
- Jonathan Square and Lakeview Clinic intersections converted to right in right out accesses

Benefits

- Reduces peak hour intersection delay by 35-75%
- Reduces morning northbound through queue length by 600 feet
- Reduces afternoon southbound through queue length by over 1900 feet
- Provides for a safer intersection by eliminating severe angle crashes

HUNDERTMARK ALTERNATIVES

ALTERNATIVE 1



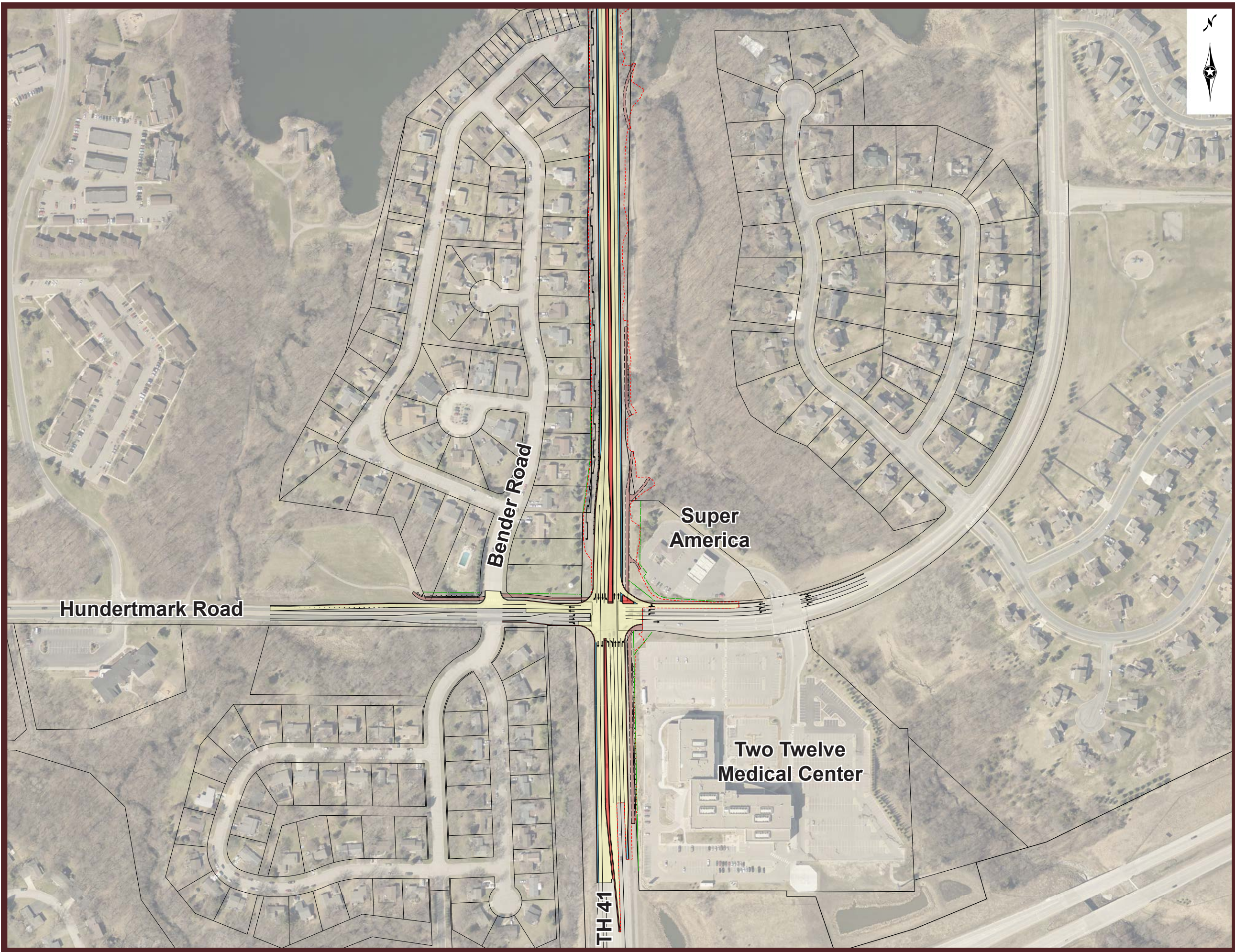
Modifications

- Additional westbound left turn lane
- Adds channelized westbound right turn lane

Benefits

- Reduces peak hour intersection delay by 55-75%
- Reduces morning northbound through queue length by over 1100 feet
- Reduces afternoon southbound through queue length by over 3000 feet

ALTERNATIVE 2



Modifications

- Additional westbound left turn lane
- Adds channelized westbound right turn lane
- Additional northbound left turn lane

Benefits

- Reduces peak hour intersection delay by 60-75%
- Reduces morning northbound through queue length by over 1100 feet
- Reduces afternoon southbound through queue length by over 3100 feet