

# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH CB/CTH JJ Roundabout

## General Description:

The Highway Department is requesting additional funding to complete the construction of a roundabout at the intersection of CTH CB/CTH JJ/Winneconne Ave/Pendleton Rd.

## Action Requested:

County board approval of an additional 1,800,000.00 to fund the construction phase of the CTH CB/CTH JJ roundabout.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee	Meeting date: 4/19/2022
Action taken: _____	Vote: _____
Other Committee: Personnel & Finance Committee	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: Project Presentation	Vote: _____
County Board	Meeting date: _____
Action taken: Vote to approve project	Vote: _____

## Background:

When the CTH CB capital road project was completed in 2000, a traditional "T" intersection was constructed at the intersection of CTH CB and CTH JJ. Due to lower traffic counts at the time of construction the intersection was able to operate in a sufficient manner. With today's traffic counts leaving unsafe turning motions, the City of Neenah's interest to extend Pendleton Road to CTH JJ and a very unfortunate traffic fatality, it was determined it was time to reconstruct this intersection to meet today's safety design standards.

## Policy Discussion:

The total cost of the project is 2,400,000.00. The City of Neenah and Winnebago County have agreed to split the cost of the design and construction costs for this project 50%/50%. In addition, the Highway Department was awarded additional county level LRIP-S funding which will reimburse Winnebago County up to 1,000,000.00. The final county share will be 700,000.

In conclusion, the approval of the requested 1,800,000.00 would enable to the Highway Department to begin the final construction phase and meet the anticipated September, 2022 completion date.

**Attachments:**

Location Map

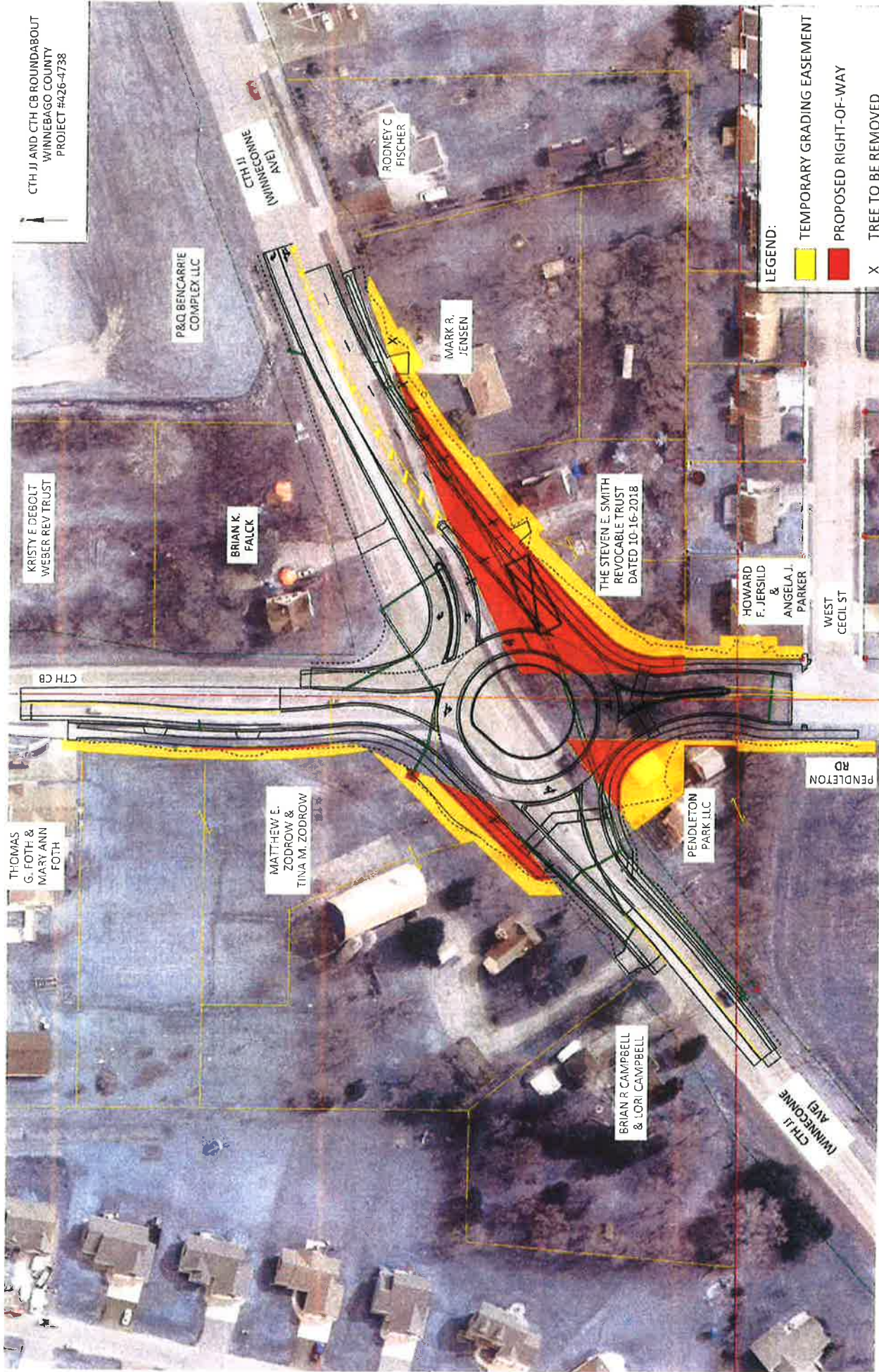
Aerial overview map

# ArcGIS Web Map



10/18/2021, 2:44:10 PM





# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH T (PIONEER ROAD TO CTH II)

## General Description:

The Highway Department is requesting additional funding to complete the reconstruction of Pioneer Road, CTH II and CTH T which shall be jurisdictionally transferred to Winnebago County upon completion of the project.

## Action Requested:

County board approval of 100,000,000.00 to fund the reconstruction of Pioneer Road, CTH II and CTH T which all be jurisdictionally transferred to Winnebago County upon completion of the project.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee  
Action taken: \_\_\_\_\_  
Other Committee: Personnel & Finance Committee  
Action taken: \_\_\_\_\_  
County Board  
Action taken: \_\_\_\_\_  
County Board  
Action taken: \_\_\_\_\_

Meeting date: 4/19/2022  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_

## Background:

The majority of traffic traveling on CTH II, intending to turn south on CTH T utilize the present Pioneer Road. This road is narrow and has many vertical design challenges. The proposed design of Pioneer Road will flatten the profile and widen the present roadway to meet current design standards. Once the reconstruction has been completed, a jurisdictional transfer shall be completed, transferring the road way to Winnebago County.

An additional safety concern that will be addressed along with this project will be the vertical profile at the CTH II and Pioneer Road intersection. With a single known fatality at this intersection, it was proposed to flatten the present vertical profile approaching from the east. By flattening this profile, the sight stopping distances will improve dramatically for the intersection and any present driveways.

## Policy Discussion:

The total estimated cost of this project is 1,000,000 with no additional funding.

## Attachments:

Map of location and description  
Google map photo of vertical profile



# ArcGIS Web Map



This project consists of reconstructing the existing segment of roadway to meet current county safety and design standards. This project will also improve a vertical curve at CTH "II" and Pioneer road that has resulted in at least one death. The project scope through Larsen may be expanded to incorporate improvements that may be requested by the Town of Clayton which will be funded by the township according to the cost share agreement. This portion of CTH "T" will be jurisdictionally transferred to the Town of Clayton upon completion.

10/18/2021, 3:03:19 PM

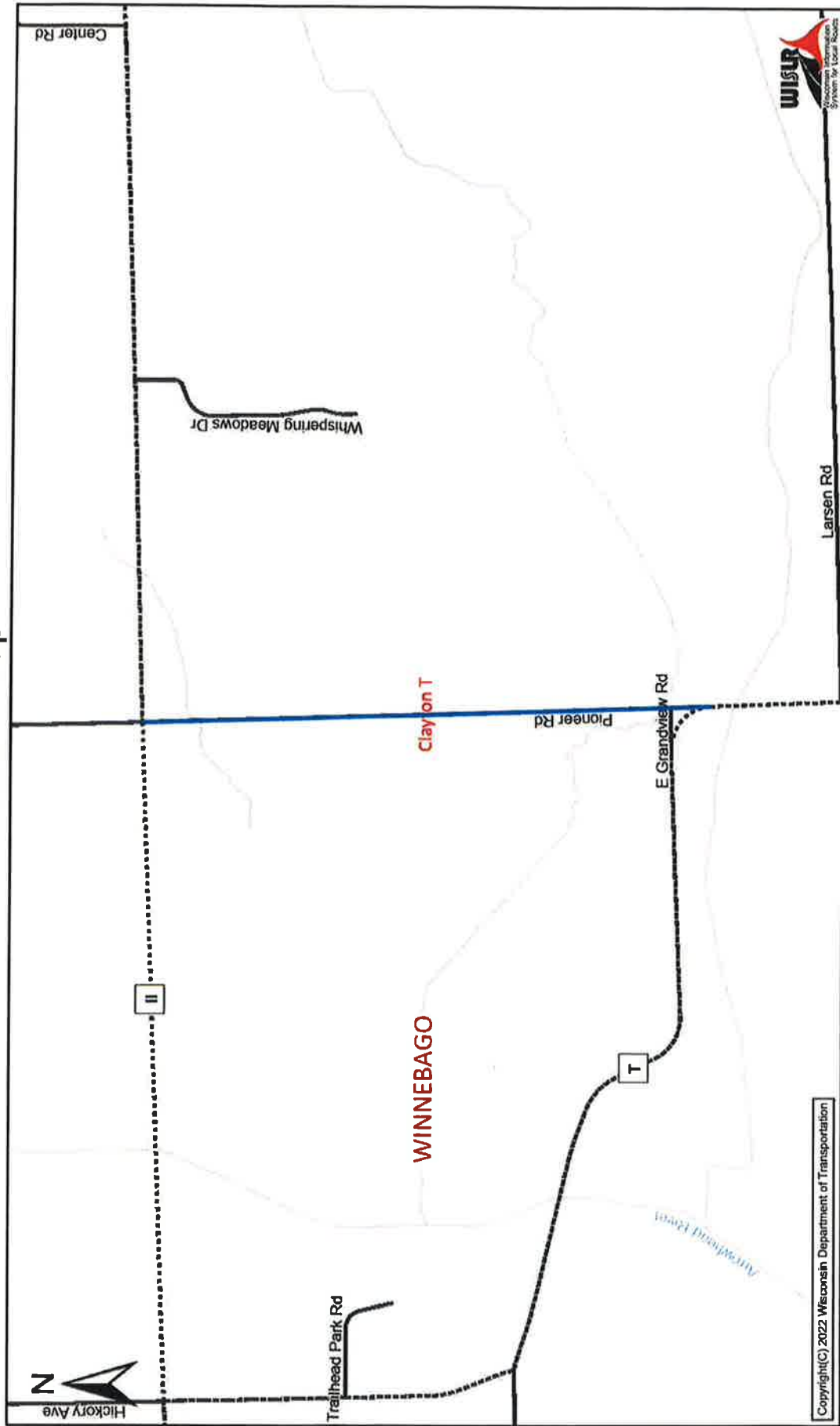
Road ROW
 Green: Band\_2
 Blue: Band\_3

Street Centerline
 Red: Band\_1

Tax Parcels

1:8,935
0 0.07 0.15 0.2 0.3 mi
0 0.1 0.2 0.4 km

# WISLR Map



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**wislr-fl1**

4 Rural	USH Highway	Connector	<b>County Roads</b>	<b>Local Roads</b>	<b>Cities/Villages/Towns</b>
Railroads	USH Connecting Highway	Frontage Road	County Trunk Hwy	Municipal/Local Roads	City
State Trunk Network	State Trunk Highways	Wayside	County Forest Roads	Ineligible Roads	Village
Interstate Highway	STH Connecting Highways	Rest Area	Other County Roads	Rivers	Town
	On-Off Ramp	Weigh Station		Lakes	Counties

Scale: 0 0.075 0.15 0.25 0.3 mi  
0 0.125 0.25 0.5 km



## CTH-II

East Bound towards Pioneer Rd.  
Verticle Profile

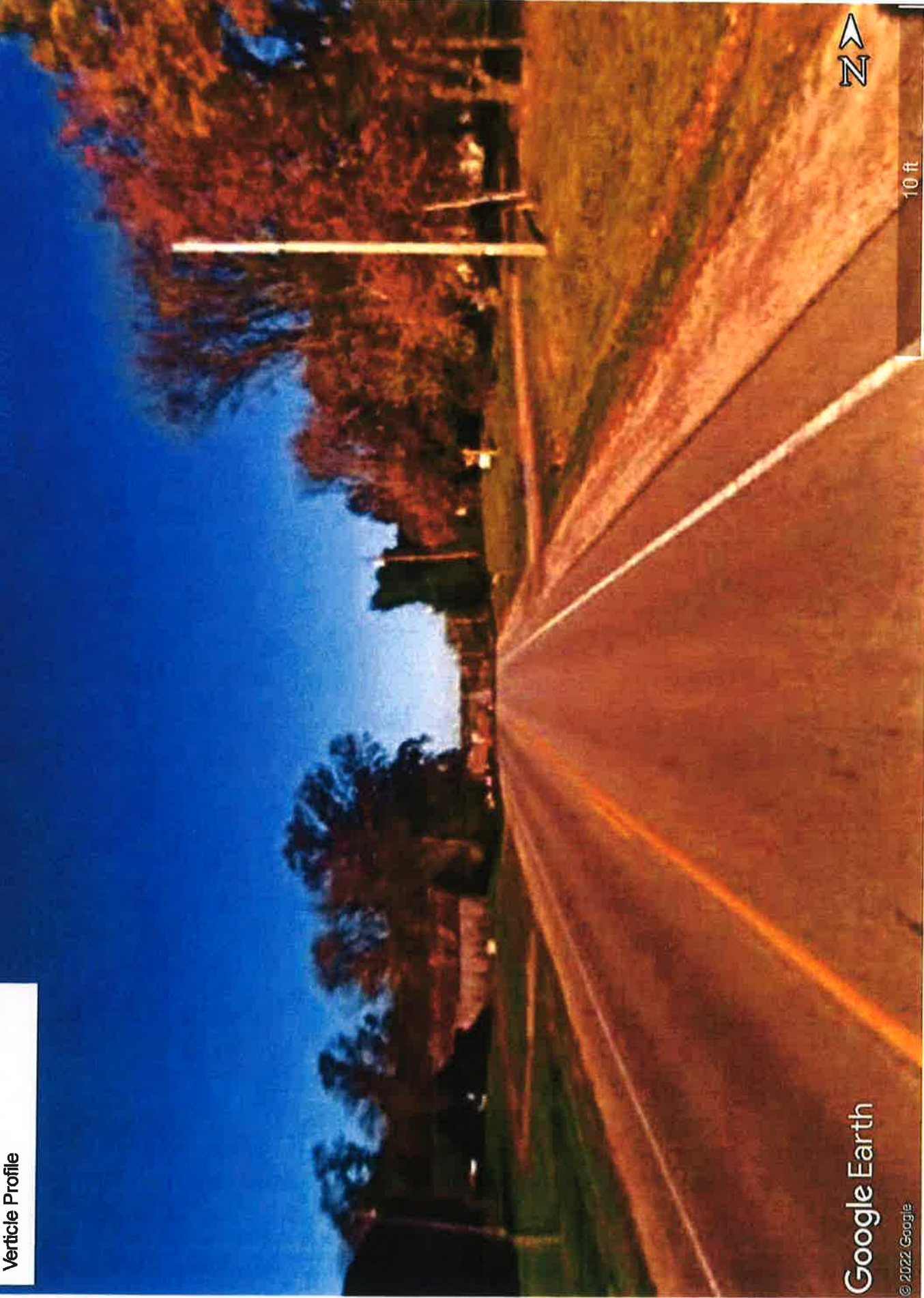
Legend

Google Earth

© 2022 Google



10 ft



# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022

FROM: Robert Doemel

RE: CTH T (CTH II TO GRANDVIEW ROAD) Jurisdictional Transfer to Town of Clayton

## General Description:

The Highway Department is requesting funding to complete milling and asphalt overlay to the old CTH T, which will be jurisdictionally transferred to the Town of Clayton upon completion. Any expansion to this project to incorporate improvements requested by the Town of Clayton shall be funding by the township.

## Action Requested:

County board approval of 800,000.00 to fund the mill and asphalt overlay of the old CTH T, which shall be jurisdictionally transferred to the Town of Clayton upon completion.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee

Action taken: \_\_\_\_\_

Other Committee: Personnel & Finance Committee

Action taken: \_\_\_\_\_

County Board \_\_\_\_\_

Action taken: \_\_\_\_\_

County Board \_\_\_\_\_

Action taken: \_\_\_\_\_

Meeting date: 4/19/2022

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

## Background:

This portion of CTH T does not function effectively as a county highway and functions more effectively as a town road. Pioneer Road is a logical extension of CTH T to connect to CTH II which is commensurate with current traffic patterns. As agreed to with the Town of Clayton, any expansion to incorporate improvements that may be requested by the town shall be funded by the Town of Clayton. Once the project is completed, a jurisdictional transfer to the Town of Clayton shall be completed.

## Policy Discussion:

The total estimated cost of this project is 800,000.00 and any expansion to the project scope through Larsen that may be requested by the Town of Clayton shall be funded by the township.

## Attachments:

Location map

# WISLR Map



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## wislr-#12

- |                     |                         |               |                     |                  |                       |
|---------------------|-------------------------|---------------|---------------------|------------------|-----------------------|
| 2 Traffic Lanes     | USH Highway             | Connector     | County Road         | County Trunk Hwy | Municipal/Local Roads |
| Railroads           | USH Connecting Highway  | Frontage Road | County Forest Roads | Ineligible Roads |                       |
| State Trunk Network | State Trunk Highways    | Wayside       | Other County Roads  | Rivers           |                       |
| Interstate Highway  | STH Connecting Highways | Rest Area     | Weigh Station       | Lakes            |                       |
|                     | On-Off Ramp             |               |                     |                  |                       |

## Cities/Villages/Towns

- |          |
|----------|
| City     |
| Village  |
| Town     |
| Counties |



# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH AP ROAD DIET (4 LANES TO 2 LANES W/CENTER TURN LANE)

## General Description:

The Highway Department is requesting funding to complete the design and construct a 1.7 mile segment of a 4 lane, undivided, roadway that will be repainted to accommodate a center turn lane with one lane in each direction, including bike lanes.

## Action Requested:

County board approval of 150,000.00 to fund the design and construction of the road diet plan.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee	Meeting date: 4/19/2022
Action taken: _____	Vote: _____
Other Committee: Personnel & Finance Committee	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____

## Background:

CTH AP was reconstructed in 2006 and with the increased average daily traffic, it has created unsafe conditions to ingress/egress onto CTH AP and for pedestrians to cross the roadway. The feasibility study that was completed in 2020 recommended that a center turn lane with one lane in each direction and designated bike lanes. This recommendation is the safest and most cost-effective alternative outside of another total reconstruction, which would be very costly and unnecessary due to the age of the roadway. In conjunction with this proposed project, a mutual agreement was made in 2021 between the City of Menasha, the Menasha Joint School District and Winnebago County to fund the installation of a high intensity activated crosswalk (HAWK) on CTH AP, at the Maplewood Middle School crosswalk. The four-lane road configuration has created unsafe crossing conditions for students at Maplewood Middle School and with approved funding to complete the proposed project, will provide safe crossing and safe driving conditions on CTH AP.

## Policy Discussion:

The total cost of the project was estimated at 150,000. The 2020 feasibility study recommends a center turn lane with one lane in each direction, along with bike lanes as the safest and most economical alternative.

**Attachments:**

Map of location and description

Photo of HAWK System and current roadway configuration

Conceptual lane configuration of proposed road diet

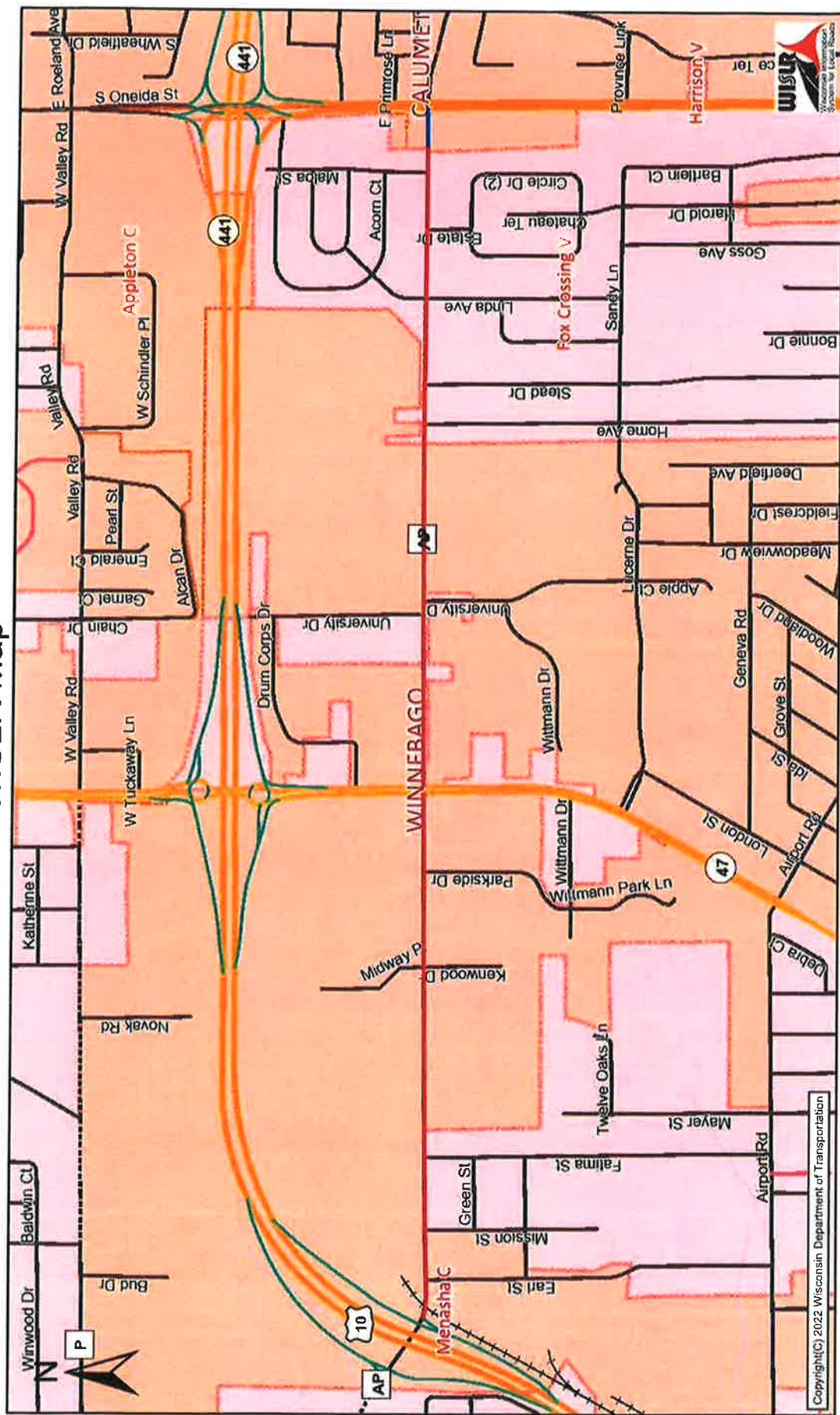
# ArcGIS Web Map



- ☐ Road ROW
- ☐ Street Centerline
- ☐ Air Photo 2020
- ☐ Red: Band\_1
- ☐ Green: Band\_2
- ☐ Blue: Band\_3



# WISLR Map



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- wislr-rl2**
- 4 Traffic Lanes
  - 5 Traffic Lanes
  - Railroads
  - State Trunk Network
  - Interstate Highway
  - USH Highway
  - USH Connecting Highway
  - State Trunk Highways
  - STH Connecting Highways
  - On-Off Ramp
  - Connector
  - Frontage Road
  - Wayside
  - Rest Area
  - Weigh Station
  - County Roads
  - County Trunk Hwy
  - County Forest Roads
  - Other County Roads
  - Local Roads
  - Municipal/Local Roads
  - Ineligible Roads
  - Rivers
  - Lakes
  - Cities/Villages/Towns
  - City
  - Village
  - Town
  - Counties

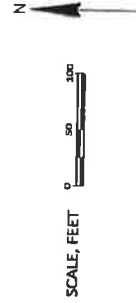
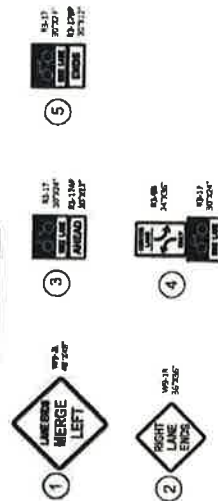




REMOVE EB LANE SKIPS  
REMOVE DOUBLE YELLOW CENTERLINE  
REMOVE WB LANE SKIPS



### **SIGN LEGEND**



CONCEPTUAL

**CTH AP (MIDWAY ROAD)  
SIGNING AND MARKING PLANS**  
WINNEBAGO COUNTY

**5TH 441 EAST RAMP TO USH 10**

SIH 441 EAST KAMPS TO USH 10			
DESIGNED BY	APPROVED BY	DATE	
TJM	LKJ	3-6-2020	
REVISION NO.	REVISIONS		DATE BY



**Terra Engineering, LLC.**  
 4001 N. 11TH STREET, SUITE 200  
 DENVER, CO 80202  
 TEL: 303.733.1111 FAX: 303.733.1112  
 WWW.TERRA-ENGINEERING.COM

TERRATEC PROJECT NO.  
191004

SHEET No.	Of
-----------	----



# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH FF AND ZOAR ROAD INTERSECTION

## General Description:

The Highway Department is requesting funding to re-design the intersection of CTH FF and Zoar Road.

## Action Requested:

County board approval of 100,000.00 to fund the design phase of the substandard intersection of CTH FF and Zoar Road.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee	Meeting date: 4/19/2022
Action taken: _____	Vote: _____
Other Committee: Personnel & Finance Committee	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____

## Background:

Since the construction of CTH FF, the average daily traffic has dramatically increased. Generally, with the increase of daily traffic, the chance of incidents increases. With this insight, of this trend, a past highway commissioner, along with the approval of the county board of supervisors, purchased the necessary right of way to allow for future safety upgrades. The Highway Department will be able to initiate the design process to upgrade this intersection and make it a much safer road to travel.

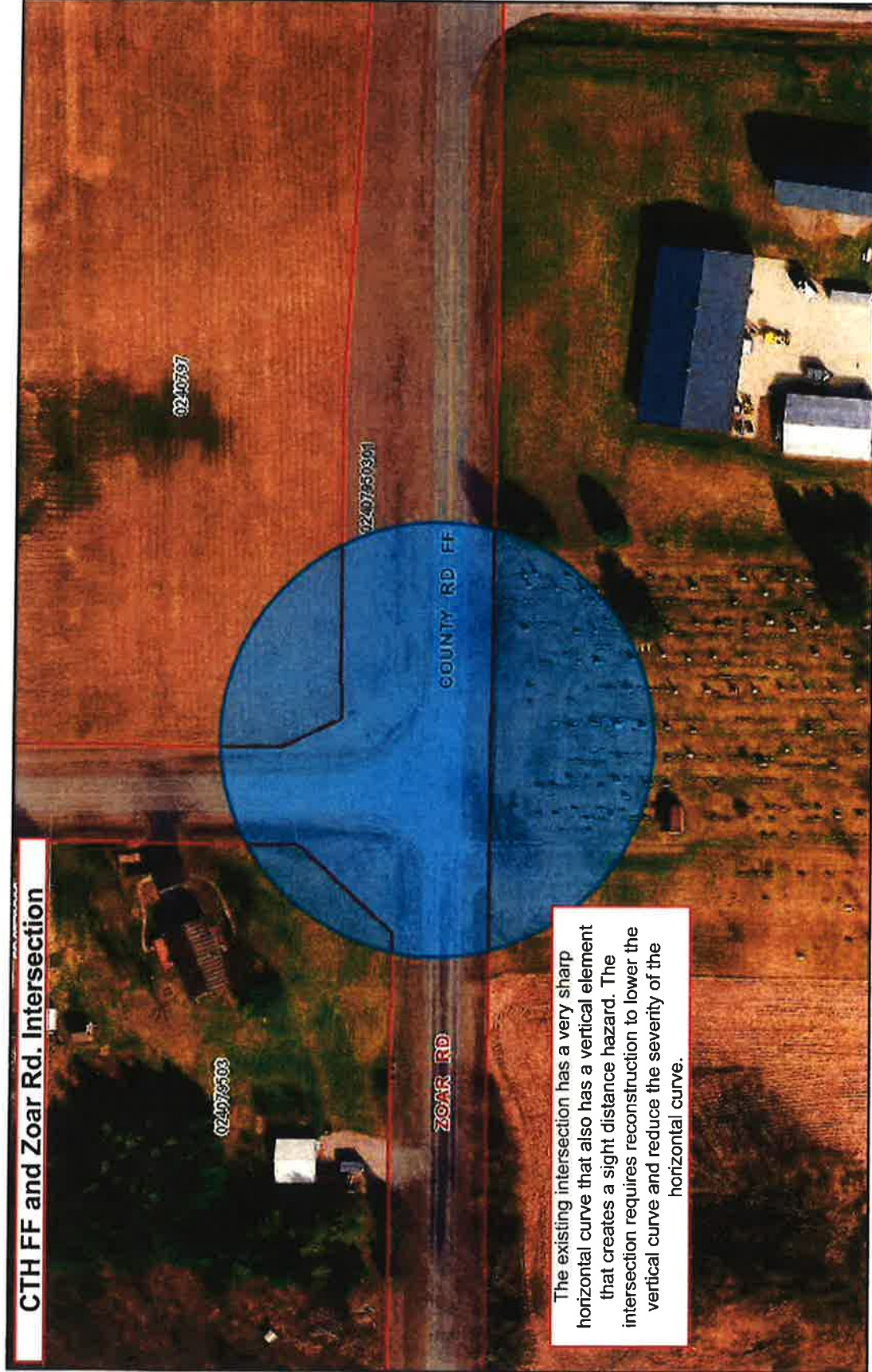
## Policy Discussion:

The projected cost to design an intersection that will eliminate the very sharp horizontal curve as well as the vertical element that creates a sight stopping hazard will be 100,000.00.

## Attachments:

Map of project location and description  
Map of project location with expanded view  
Photo of intersection facing north  
Photo of intersection facing south

# ArcGIS Web Map



10/18/2021, 2:50:19 PM

☐

Road ROW

☐

Tax Parcels

☐

Road ROW area

☐

Street Centerline

☐

Air Photo 2020

☐

Green: Band\_2

☐

Red: Band\_1

☐

Blue: Band\_3

0 0.01 0.01 0.03 0.03 mi

0 0.01 0.01 0.03 0.06 km

1:1,117

Winnabago County GIS, Winnabago County

ArcGIS Web AppBuilder

Winnabago County GIS | Immanuel Peter Marsh 2016 | Winnabago County



# ArcGIS Web Map



4/12/2022, 12:47:47 PM

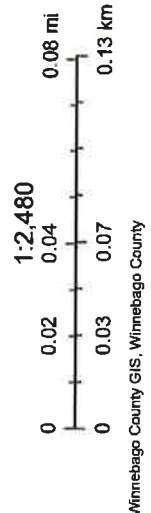
- Access Control Permit
- Agricultural
  - Residential

Road ROW area

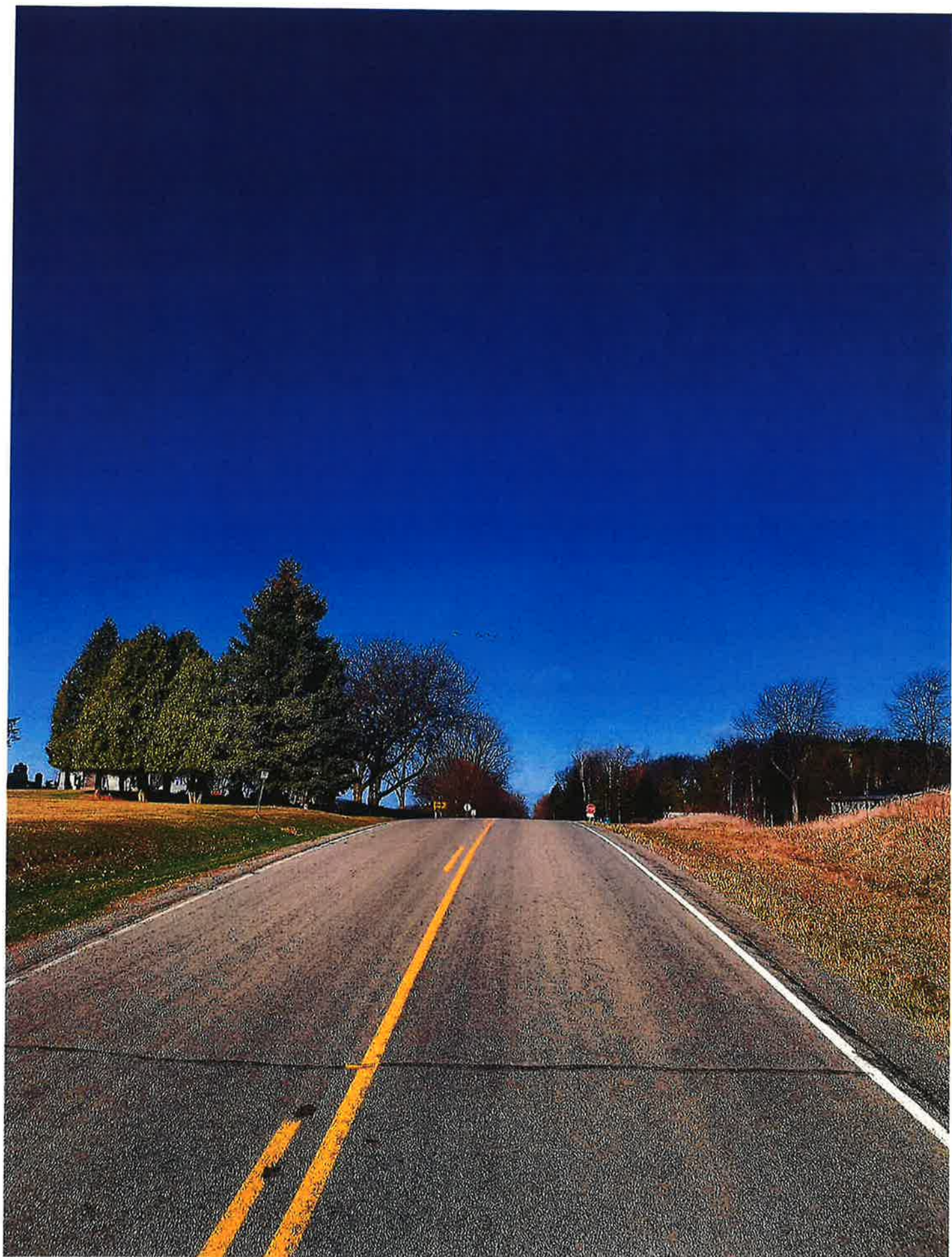
Street Centerline

Road ROW

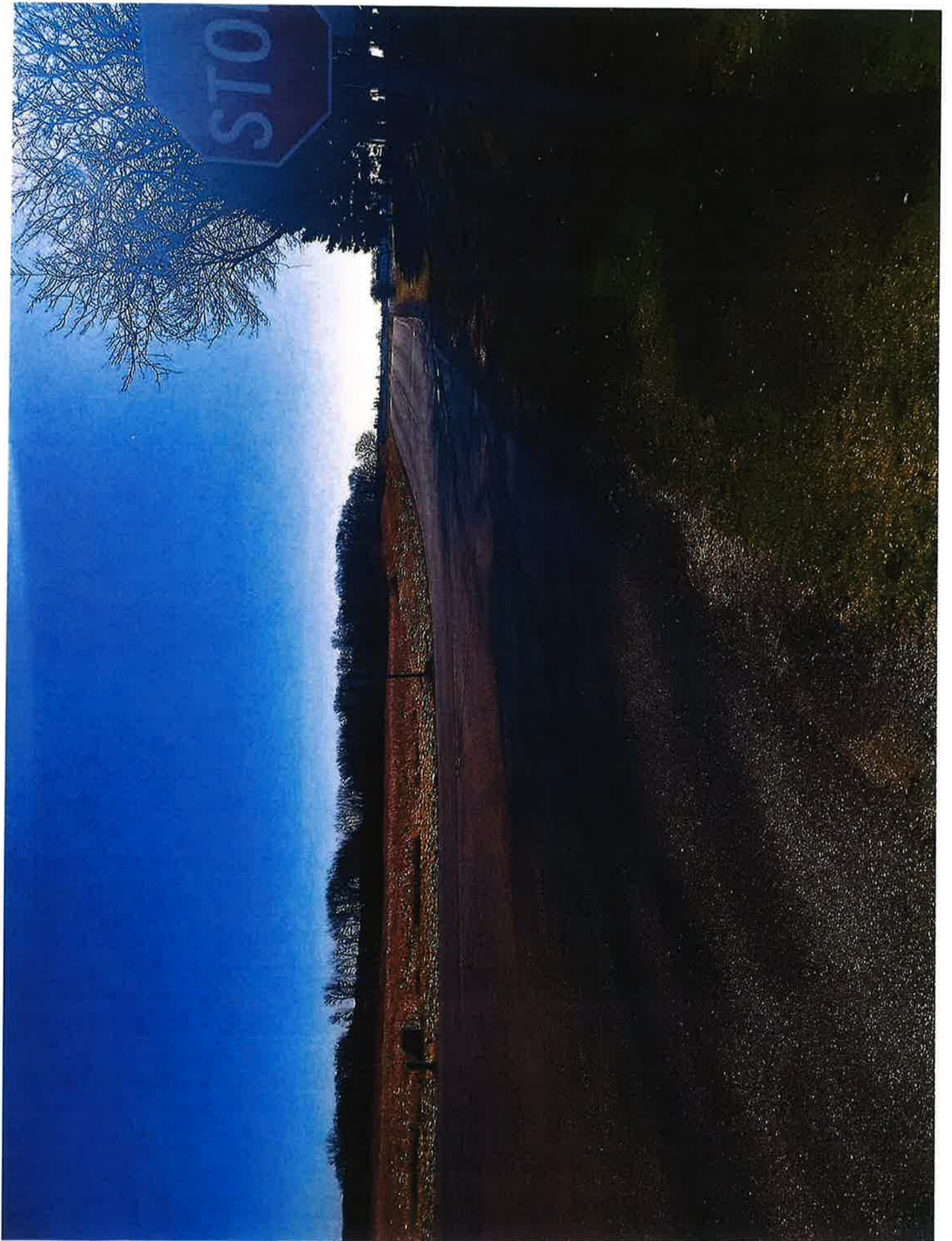
Tax Parcels











# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH G – CTH T TO CTH M

## General Description:

The Highway Department is requesting funding to complete a pulverize and asphalt paving of 4.1 miles of deteriorated roadway pavement on CTH G, from CTH T to USH 45.

## Action Requested:

County board approval of 810,000.00 to fund a pulverize and paving of 4.1 miles of deteriorated asphalt roadway.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee	Meeting date: 4/19/2022
Action taken: _____	Vote: _____
Other Committee: Personnel & Finance Committee	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____
County Board	Meeting date: _____
Action taken: _____	Vote: _____

## Background:

The last overlay on CTH G was completed in 2001, followed by numerous crack filling activities. The pavement condition has deteriorated to the point that a complete pulverize and pave is the most cost-effective method to ensure a smooth ride surface.

## Policy Discussion:

The total cost of the project is 810,000.00 and no outside funding is available.

## Attachments:

Location Map  
Photo of present pavement condition



# ArcGIS Web Map



10/18/2021, 2:53:29 PM

- State Road - Ramp
- US Highway - Ramp
- Interstate - Ramp
- Local - Minor Road
- Local Road
- County Road
- US Highway - Ramp Overpass
- Interstate - Ramp Overpass
- Overpasses
- Interstate
- US Highway





# Agenda Item Report



**Winnebago County**  
*The Wave of the Future*

DATE: 4/13/2022  
FROM: Robert Doemel  
RE: CTH A – CTH GG TO NEENAH CITY LIMITS

## General Description:

The Highway Department is requesting funding to complete a mill and asphalt overlay of 2.6 miles of deteriorated roadway pavement on CTH A, from CTH GG to South Park Avenue or the City of Neenah limits.

## Action Requested:

County board approval of 500,000.00 to fund a mill and overlay a 2.6 mile of deteriorated asphalt roadway.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee  
Action taken: \_\_\_\_\_  
Other Committee: Personnel & Finance Committee  
Action taken: \_\_\_\_\_  
County Board  
Action taken: \_\_\_\_\_  
County Board  
Action taken: \_\_\_\_\_

Meeting date: 4/19/2022  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_  
Meeting date: \_\_\_\_\_  
Vote: \_\_\_\_\_

## Background:

The last overlay on CTH A was completed in 2003, followed by numerous crack filling activities since. The pavement condition has deteriorated to the point that a mill and overlay on this section of roadway is the most cost-effective method until a total reconstruction project can be funded in the future.

## Policy Discussion:

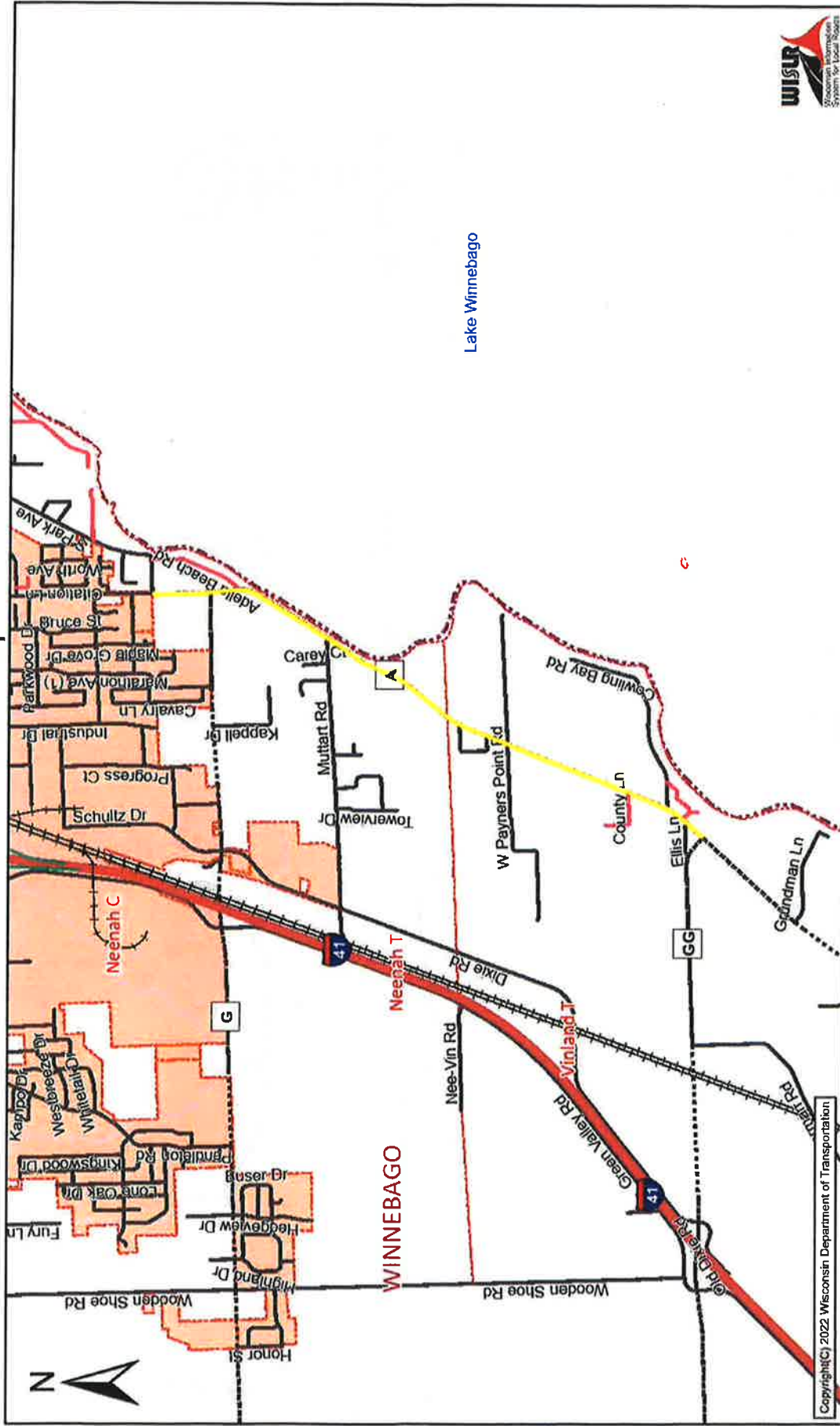
The total cost of the project is 500,000.00. The Highway Department has been awarded funding reimbursement in the amount of 124,987.68 from the WIDOT CHIS funding program. The final county cost will be 375,012.32.

## Attachments:

Location Map  
Photo of present pavement condition at the northern end of the project  
Photo of present pavement condition at the southern end of the project



# WISLR Map













# Agenda Item Report



**Winnebago County**

*The Wave of the Future*

DATE: 4/13/2022

FROM: Robert Doemel

RE: COMMUNITY PARK PARKING LOTS

## General Description:

The Highway Department is requesting funding to resurface 2 gravel parking lots with asphalt paving and pulverize and pave 2 parking lots with existing, but deteriorated asphalt. All of the parking lots are within the Community Park, located off of CTH Y.

## Action Requested:

County board approval of 750,000.00 to fund a pulverize and/or paving of 4 existing parking lots within the Community Park location off of CTH Y.

## Procedural Steps:

Committee of Jurisdiction: Highway Committee

Action taken: \_\_\_\_\_

Other Committee: Personnel & Finance Committee

Action taken: \_\_\_\_\_

County Board

Action taken: \_\_\_\_\_

County Board

Action taken: \_\_\_\_\_

Meeting date: 4/19/2022

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

Meeting date: \_\_\_\_\_

Vote: \_\_\_\_\_

## Background:

The 2 existing gravel parking lots have never been paved since being constructed and the 2 existing paved parking lots have not been resurfaced since the original construction took place prior to 2000.

## Policy Discussion:

The total cost of the project is 750,000.00. In September, 2010, a Memorandum of Understanding was created, stating that the Highway Department will assume all responsibility of the Capital Project Asphalt Replacement Plan.

## Attachments:

General location map

Detail location map

# Community County Parks

2022 Capital Project

## Legend

Feature 1

Shelter 3 Playground



Google Earth

Imagery Landsat Imagery

2000 ft



# Community County Parks

2022 Capital Project

## Legend

Feature 1

Shelter 3 Playground

Pulverize & Pave

Final grade & pave

Final grade & pave

Google Earth

600 ft

