

CTH CB & CTH BB Intersection Improvement

A, PROPOSED 2014 BONDING - \$ 210,000

B. PROJECT COSTS AND SOURCES OF FUNDS:

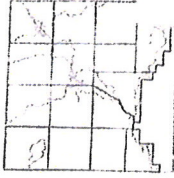
PROJECT COSTS:	2014	2015	2016	2017	2018	Total
Planning & design	\$ 15,000					\$ 15,000
Land purchase						-
Construction	195,000					195,000
Equipment						-
Other						-
Total costs	210,000	-	-	-	-	210,000
PROJECT FUNDS:						
G.O.Bonds or notes	210,000					210,000
State & Federal						-
Tax levy						-
Other						-
Total funds	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000

C. DECEIPTION AND JUSTIFICATION:

Project Description: This project provides for design and construction of an improved intersection at CTH CB and CTH BB. The project includes traffic improvements, turn lanes, some limited curb & gutter and storm sewer along with new signals. This is a joint project with Outagamie County.

Relationship to other projects and plans: None in Winnebago County

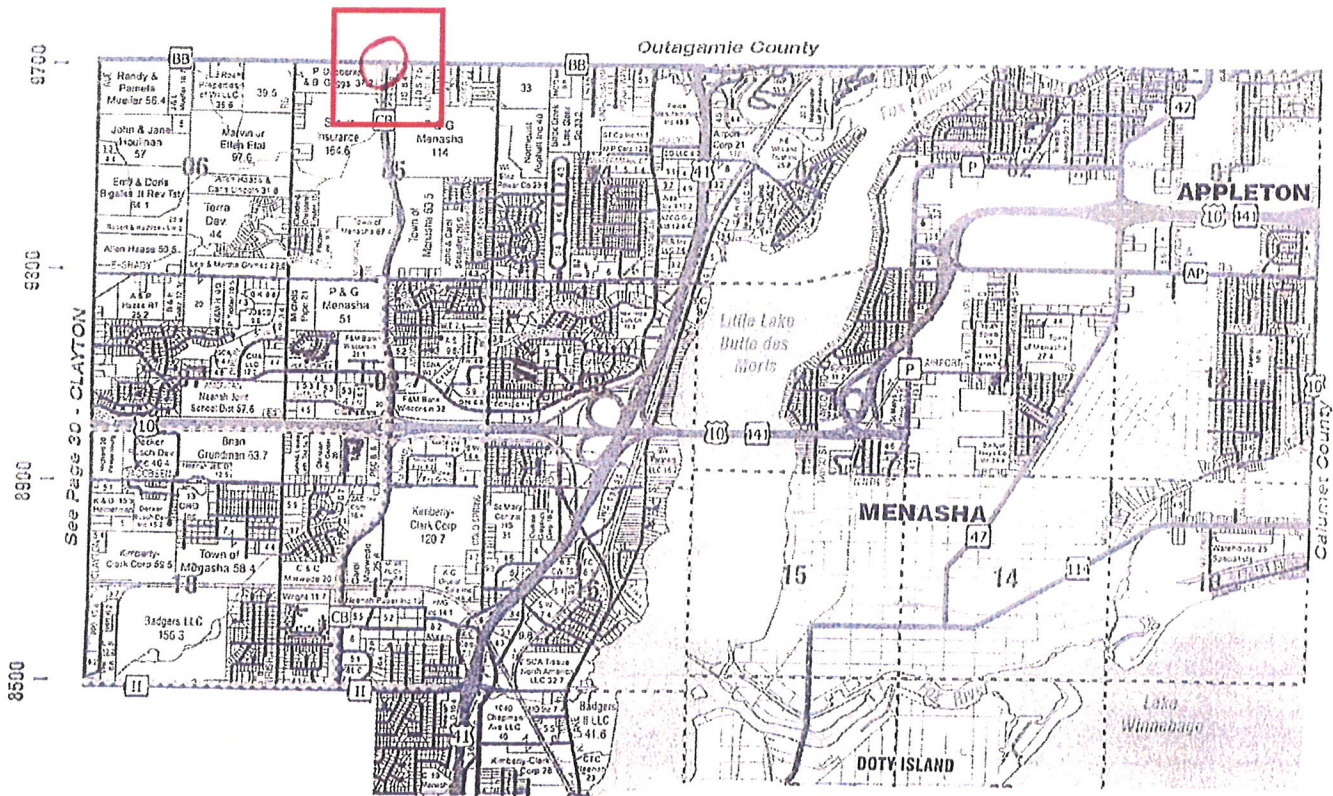
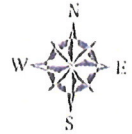
Justification and alternatives considered: Outagamie County has a project to improve CTH CB north of BB. Part of that project includes the intersection with CB improvement. The existing intersection operates at a "C" level in terms of traffic backup and flow. An upgrade to the intersection layout with improved signalization and lane designations along with an improved pavement will greatly enhance the operations and traffic flows.



MENASHA

T.20N. - R.17E.

Winnebago Co. Highway Dept.
2014 Capital Improvement Plan
CTH CB & CTH BB
Intersection Reconstruction



See Page 24 - NEENAH and VINLAND (E)

2500

2100

1700

1300

900

500

100

Winnebago County Board Meeting
May 20, 2014
Project Presentation – Reconstruction of the CTH CB & BB Intersection

The County Highway Department has planned for and is hopeful of reconstructing the CTH CB & BB Intersection during this coming construction season. CTH BB is a border highway with Outagamie County and the CB intersection with BB is where the jurisdictions meet in terms of maintenance responsibilities.

This project has been planned by and will be constructed jointly with Outagamie County. What follows is a brief outline intended to give the County Board a summary of the proposed CB & BB Intersection Reconstruction Project in the Town of Menasha.

This project has been identified in our County Highway Capital Improvement Plan for reconstruction in 2014. Several years ago, discussions began with Outagamie County to consider an improvement to this intersection. This is a part of a larger project for Outagamie County. They plan on constructing an improvement from the CB & BB intersection north on CTH CB toward the airport. The design of this larger project was undertaken a couple of years ago with plans and specifications being completed for the intersection in late 2013 and right of way being purchased this past winter.

This project will reconstruct the intersection at CTH BB & CB and will remove and replace asphalt pavement and greatly improve the traffic function of the intersection. The traffic volumes in this intersection are significant with BB seeing counts in 5,000 range daily and CB being approximately the same if not higher. The intersection presently functions at a Level of Service C during high volume times of the day. The project should improve that function to a service level of A.

The project will totally reconstruct and widen the existing intersection and add additional lanes for straight through and turning movements. There will be some curb and gutter in the intersection and some limited storm sewer and drainage improvements done as a part of the project. The traffic signals currently in use at that location are gradually becoming somewhat of a maintenance problem and the technology is rather out of date. Finding replacement parts can be very difficult with older signal systems such as this

The signals, curb and gutter and storm sewer work will be let to bid with Outagamie County doing most of the remaining work. We have a lot of work in other areas of the County and it makes sense to work cooperatively with Outagamie on this, since they'll have crews and machines on the project anyway.

Winnebago County has jurisdiction of CTH BB in this area and is responsible for the traffic signal cost, plus a share of the roadway improvement costs. Outagamie County is the lead agency on the project and will be responsible for their share of the roadway improvements and is doing the major portion of the engineering.

The condition of BB under our maintenance jurisdiction and the entire BB corridor in our County is showing signs of age and deteriorating condition. This is a primary travel corridor in the area and the traffic volumes continue to increase. Improvements and possibly expansion of BB in order to accommodate increases in volume will need to be considered in the near future.

The Winnebago County cost estimate for our share including the signal work is approximately \$210,000. The Personnel and Finance Committee discussed this project at the meeting held on May 1st and approved it going on to the County Board for presentation. I'll be bringing a resolution for the funding back to the Board in at the June meeting.

I appreciate the Board allowing me to speak on this project.

Thank you.

