



Meeting: Village Board
Meeting Date: 04/23/2012
Agenda Item: #6g

Mission Statement
Delivering quality services in a courteous,
cost-effective and efficient manner.

VILLAGE BOARD MEETING STAFF REPORT

REPORT TO: Burt R. McIntyre, President
Village Board of Trustees

REPORT FROM: Geoffrey S. Farr, PE, Director of Public Works

AGENDA ITEM: Review and take action on the selection of a preferred design alternative for the reconstruction of the Dousman Street and Cardinal Lane intersection.

POLICY ISSUE

Should the Village Board select alternative 1, 2, 3 or 4 as the preferred option for the reconstruction of the Cardinal Lane and Dousman Street intersection?

BACKGROUND INFORMATION

This potential project is the result of concerns regarding access to the Rivergrove, Brantwood, Elmhurst, Fairdale and Shawano Avenue subdivision area from Cardinal Lane following DOT construction on STH 29. Currently the area has two access points at Fairdale and Brantwood Avenues. DOT improvements will close the south end of Fairdale Avenue, which then will end in a cul-de-sac. Having only one access point will impact ingress and egress and emergency response to the area.

In response to these concerns the DOT has prepared four (4) preliminary plans and estimates (attached) to add a new street connection to the existing three-legged intersection at Cardinal Lane and Dousman Street.

The alternatives include the following:

- Alt #1, signalized intersection connecting to Rivergrove under \$500,000
- Alt # 2, signalized intersection connecting to Elmhurst under \$500,000
- Alt # 3, roundabout intersection connecting to Rivergrove under \$1,500,000
- Alt # 4, roundabout intersection connecting to Elmhurst under \$1,500,000

All of the options require the purchase of right of way and one home to create the additional street connection. The roundabout options provide the highest levels of safety and are desirable in combination with other roundabouts that are in close proximity to each other. The median would be closed if the roundabout alternatives were selected as lefts can be accomplished going through the roundabout.

If the project were approved the construction would likely be scheduled for 2015.

The Village held a public informational meeting on April 4, 2012 to gather input from local residents, property owners and other interested parties.

- The majority of people who attended the informational meeting felt that:
 - the signal alternatives should be selected due to the cost;
 - the new street should connect to Elmhurst Avenue (alternatives 2 & 4);
 - that sidewalks should be added to the connection road; and
 - that a right or left turn bay should be added to the connection road.

- Some people also added that:
 - The existing Shawano Avenue Bridge could be reopened, but acknowledged that would be very expensive and create other undesired side effects.
 - Sidewalk should be added on Elmhurst or Rivergrove.
 - Roundabouts should not be considered at all.
 - Roundabouts are very good and have positive benefits.
 - An additional access point to the area is not needed.
 - A sound barrier should be added for the property at the corner of Brantwood and Cardinal as they would be surrounded by roads.

Village, County and State staff feel that the roundabout alternative 4 (connecting to Elmhurst based upon neighborhood preference) is particularly well suited to this intersection due to the close proximity of other roundabouts, increased safety for vehicles pedestrians and bicyclists, reduced signal operational costs, reduced delays produce environmental benefits (reduced fuel consumption, pollution, and noise). In addition, when considering the significant socio-economic cost of reduced injuries and deaths the overall cost differential of the roundabout option is minimized if not eliminated.

Because the DOT needs to provide a replacement second access point to the area, this project should be considered part of the Highway 41/29 Majors Project and a greater level of funding should be provided by the DOT. After the preferred alternative is identified, it is recommended that Village and County staff have additional discussion with the DOT to determine an equitable apportionment of cost shares for the project.

PRIOR ACTION/REVIEW

Staff previously discussed this matter at Village Board meetings. The Village held a public informational a meeting on April 4, 2012.

FISCAL IMPACT:

- | | |
|------------------------------|------------|
| 1. Is There A Fiscal Impact? | <u>Yes</u> |
| 2. Is it Currently Budgeted? | <u>No</u> |
| 3. If Budgeted, Which Line? | <u>N/A</u> |
| 4. Amount? | <u>N/A</u> |

RECOMMENDED ACTION

Staff recommends that the Village Board identify a preferred alternative, Village and County staff have additional discussion with the DOT to determine a more equitable cost share for the project and that a State Municipal Agreement (SMA) be brought back for consideration at a future Board meeting.

If the Village Board agrees with this action, the following motion could be used, ***“Motion to select alternative number (1,2,3 or 4) as the preferred intersection design, direct that staff review equitable cost shares with the County and DOT and return with an SMA to be considered for approval at a future Board meeting.”***

POLICY ALTERNATIVE(S)

The Village Board could take the following actions:

- Select a preferred intersection alternative
- Reject any or all intersection alternatives
- Request additional information

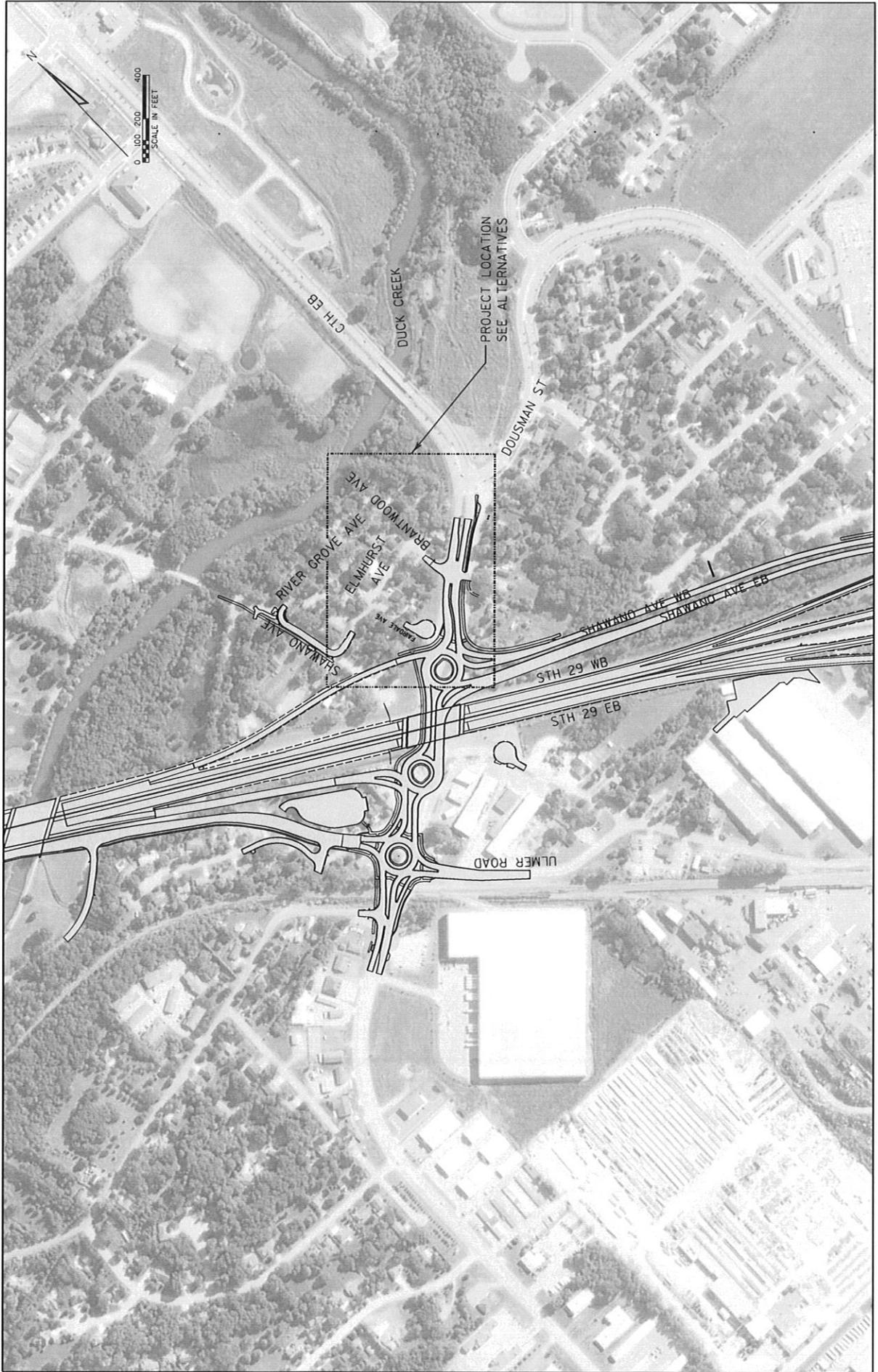
ATTACHED INFORMATION

- I. Alternatives location map
- II. Alternative Overviews
- III. Alternative Profiles
- IV. Public Informational Meeting PIM notice(s)

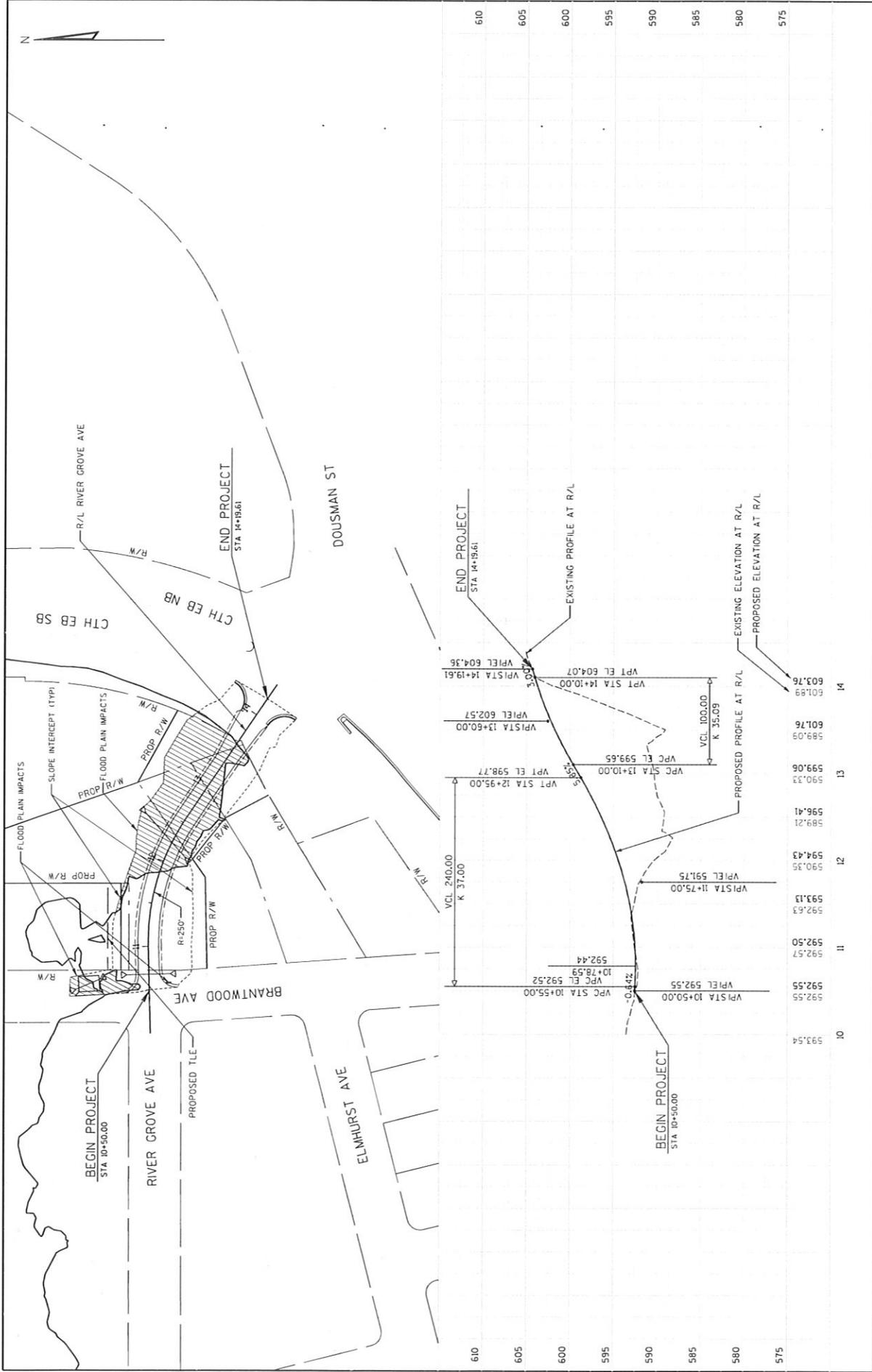
COPIES FORWARDED TO:

- I. None

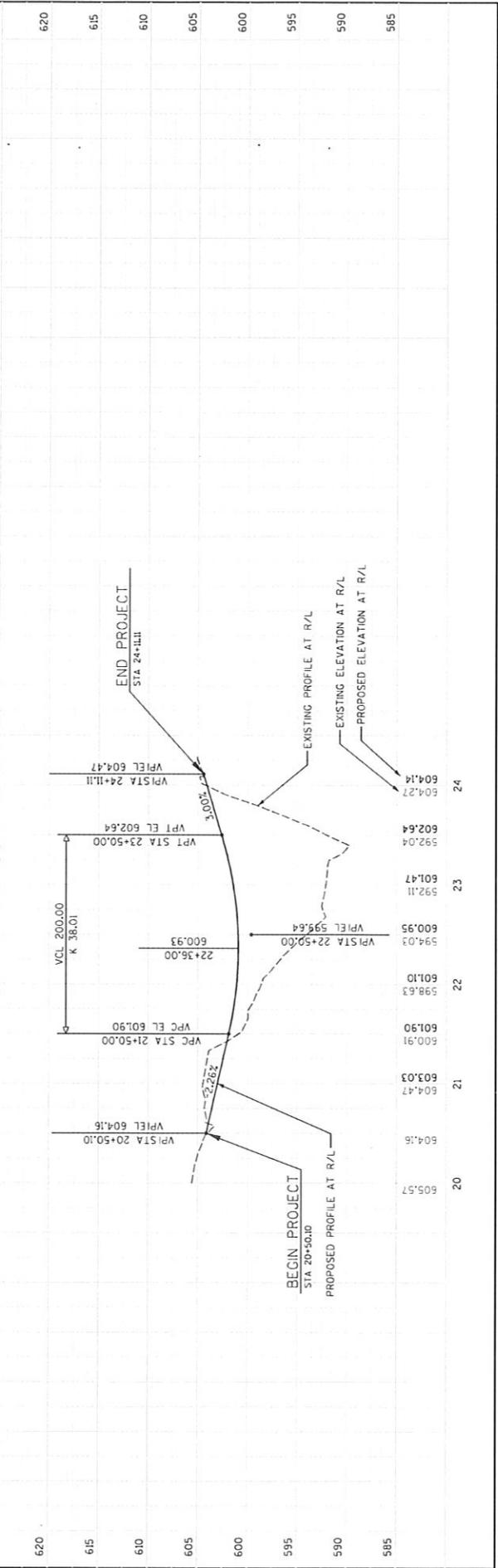
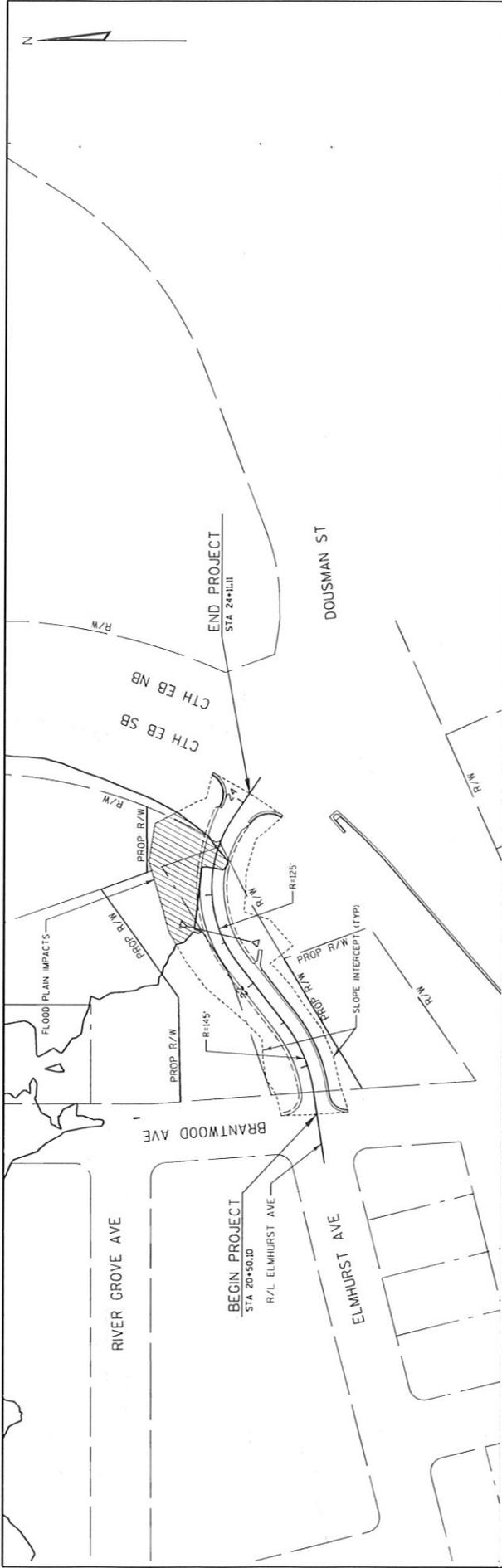
RIVER GROVE ALTERNATIVES PROJECT LOCATION MAP



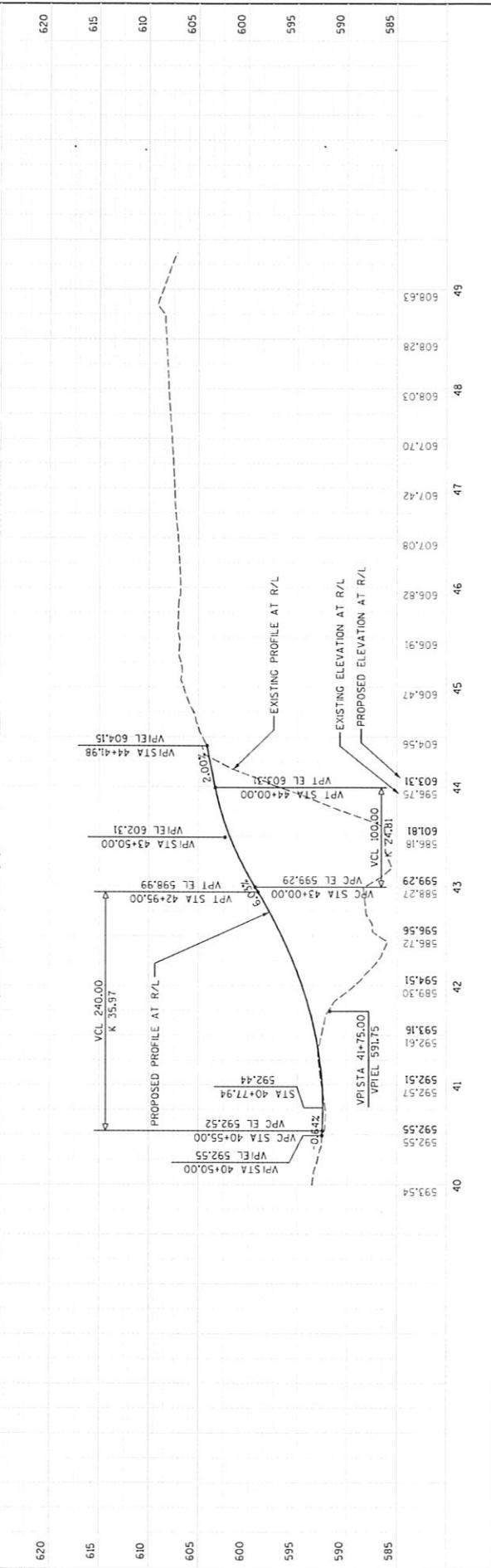
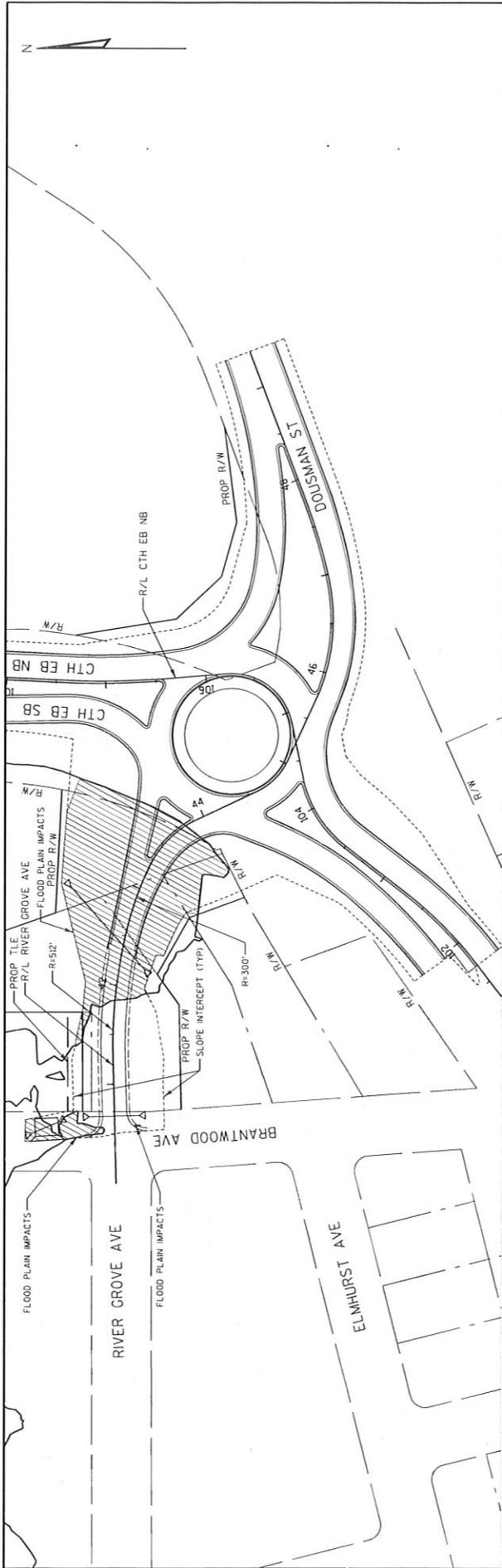
RIVER GROVE EXTENSION - ALTERNATE 1



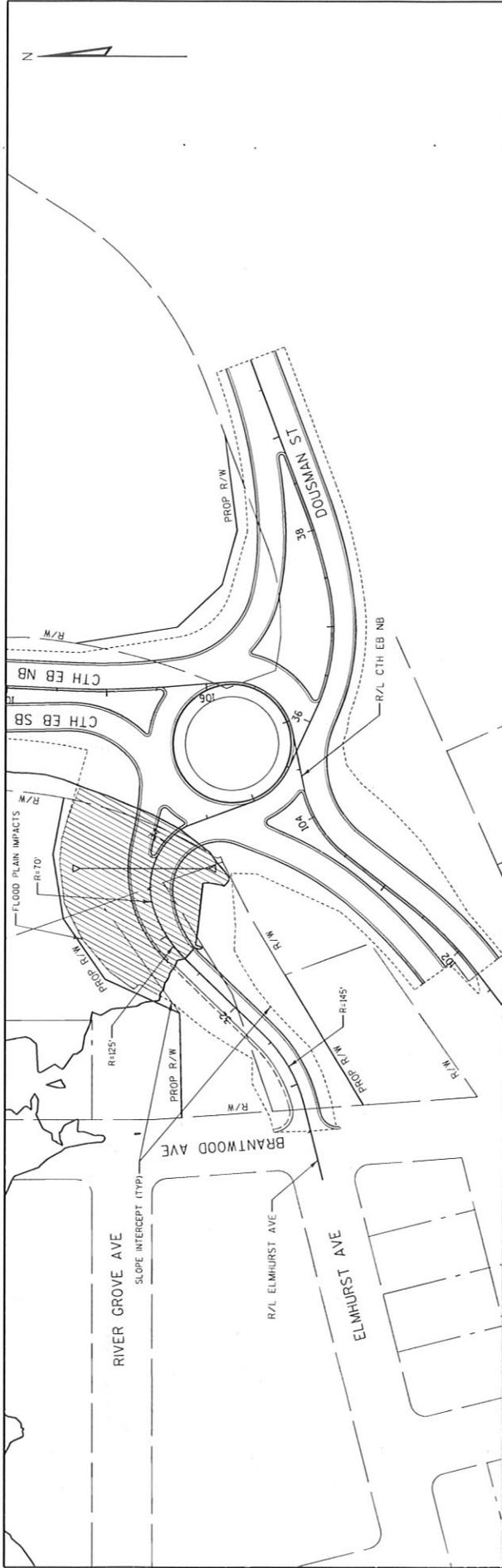
ELMHURST EXTENSION - ALTERNATE 2



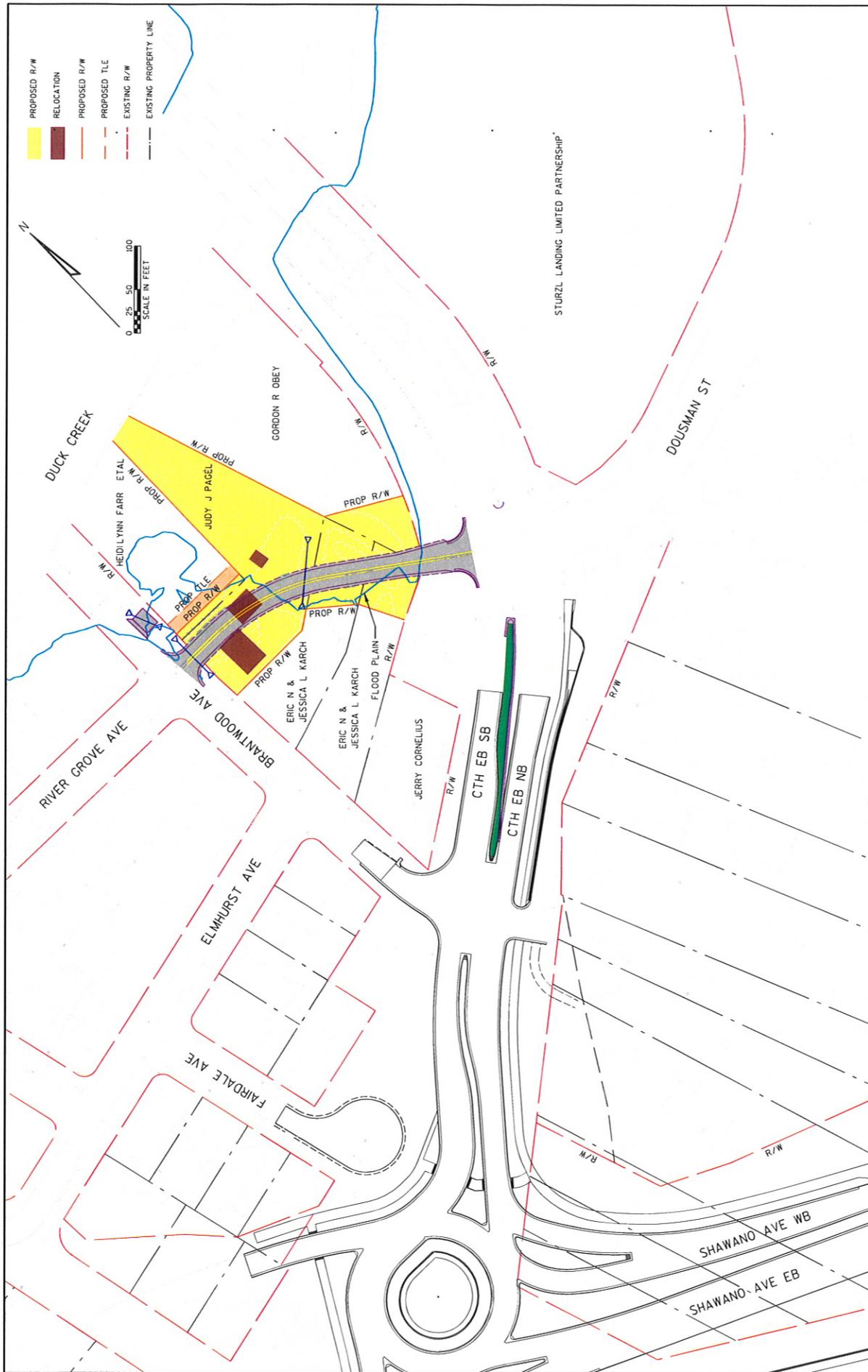
RIVER GROVE ROUNDABOUT EXTENSION - ALTERNATE 3



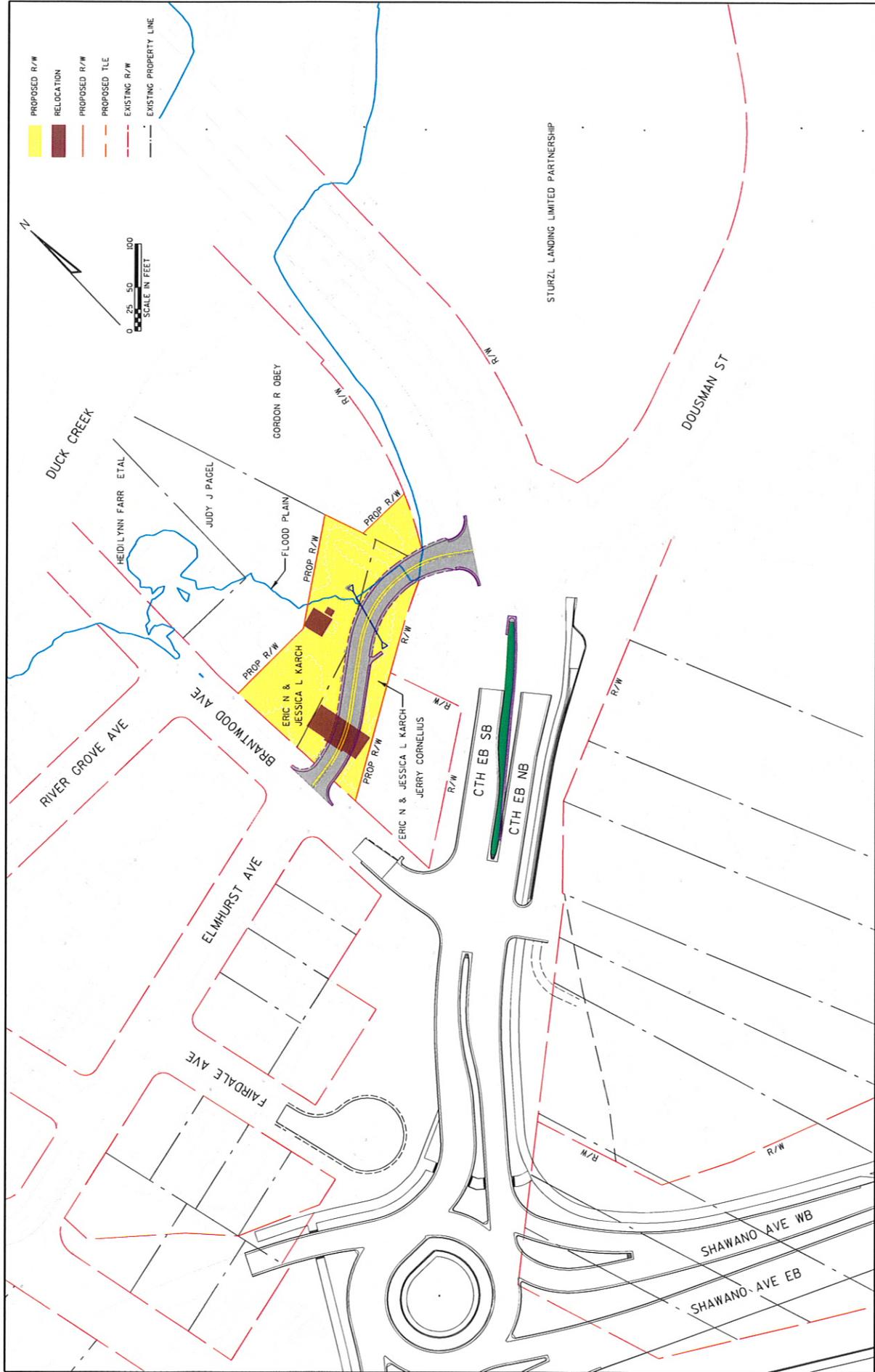
ELMHURST ROUNDABOUT EXTENSION - ALTERNATE 4



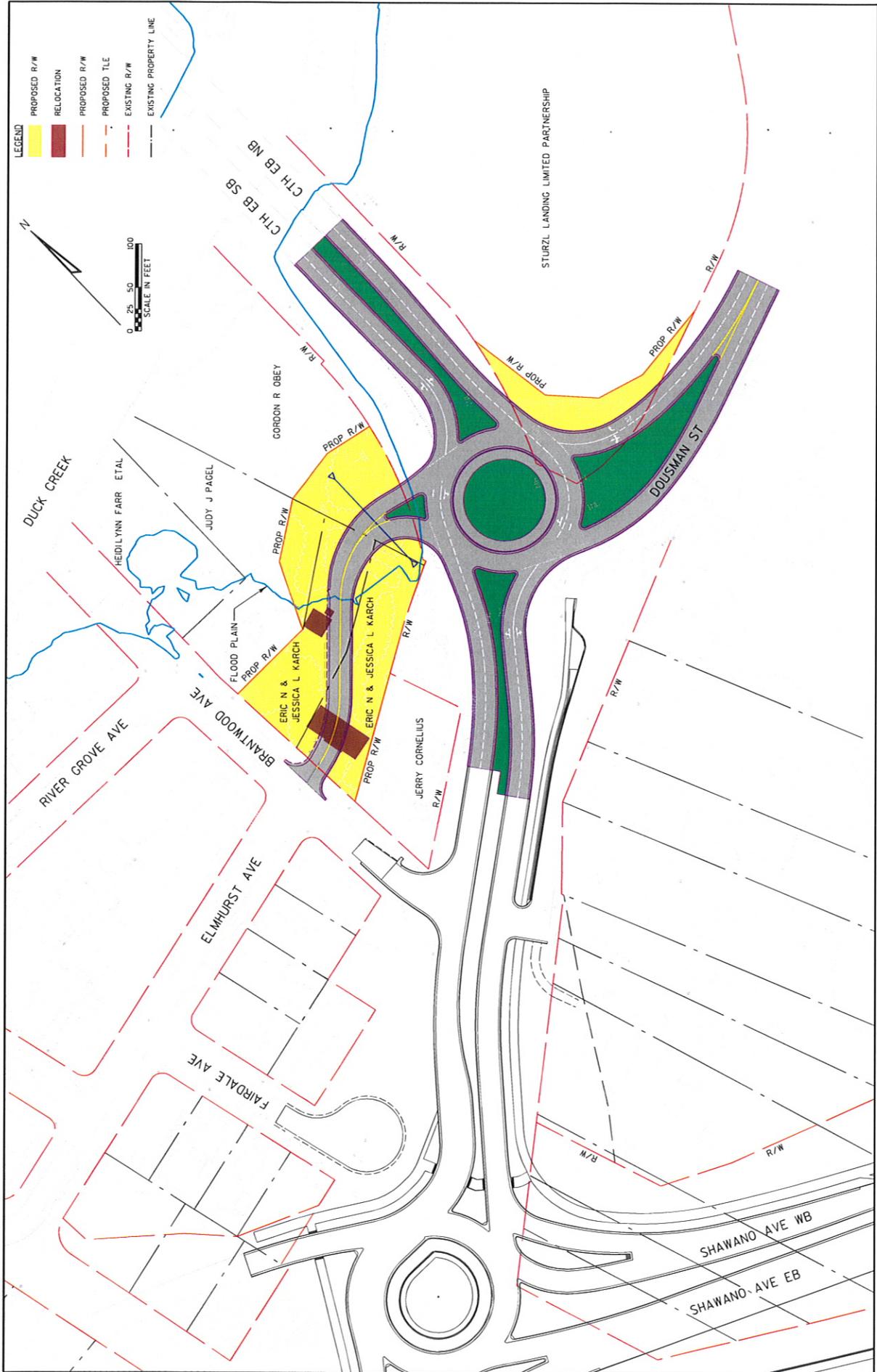
RIVER GROVE EXTENSION - ALTERNATE 1



ELMHURST EXTENSION - ALTERNATE 2



ELMHURST ROUNDABOUT EXTENSION - ALTERNATE 4





March 27, 2012

Name
Parcel
Address
City

**RE: Public information meeting
Potential Cardinal Lane & Dousman Street – Intersection Reconstruction**

Dear Name:

The Village of Howard, Brown County & Wisconsin Department of Transportation are considering the reconstruction of the Cardinal Lane & Dousman Street Intersection. This project is being considered to add an additional access point to the Rivergrove, Brantwood, Elmhurst, Fairdale, Shawano Avenue area, as Fairdale Avenue will be closed to Cardinal Lane in the future. The Village of Howard will potentially consider action on this topic at its April 23rd, 2012 Village Board meeting. If approved by the Village of Howard, Brown County, & the DOT, construction would occur in 2014.

The Village of Howard invites you to attend a project informational meeting on April 4, 2012 between 5:00pm and 6:30 p.m. in the Village Hall Board Room located at 2456 Glendale Ave. to learn more about the project. Please use the back door, as the front door will be locked. Preliminary construction plans will be available for your review. There will be a brief project presentation at 5:00pm however you can show up at any time during the meeting that is convenient for you. Preliminary plans and other exhibits will be on display. Village, County & DOT staff will be available to meet with you to discuss the project on an individual basis, answer questions, and obtain your input. We also ask that you share any knowledge you may have about historic buildings and structures, archaeological sites, wells, septic systems, drain tiles, or drainage problems with the project staff.

If you cannot attend the informational meeting, please call me so alternate arrangements can be made.

If you have any questions please call 920-434-4060 or stop by the Public Works Facility at 1336 Cornell Road so that we may address your concerns.

The Village Hall is wheelchair accessible. Those who are hearing impaired and require an interpreter should contact the Village of Howard prior to April 2, 2012. Please dial 711 to contact the Wisconsin Telecommunication Relay System, and then ask the communication assistant to contact Geoff Farr of the Village of Howard at (920) 434-4060.

Respectfully,

Geoffrey Farr
Director of Public Works

CC: Burt McIntyre, Village President
Paul Evert, Village Administrator
Ron Bredael, Village Trustee Wards 1 & 2
Ray Suennen, Village Trustee Wards 11 & 12



NOTICE

Public informational meeting

Potential Cardinal Lane & Dousman Street – Intersection Reconstruction

The Village of Howard, Brown County and WisDOT are considering the reconstruction of the Cardinal Lane and Dousman Street intersection in 2014.

An informational meeting will be held on April 4, 2012 between 5:00pm and 6:30p.m. in the Village Hall Board Room located at 2456 Glendale Ave.. Preliminary construction plans and other exhibits will be available for your review. There will be a brief presentation at 5:00pm but you can attend any time during the meeting that is convenient for you.

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Geoff Farr, P.E.
Director of Public Works