

October 1, 2021

SUBJECT: County Q
Intersection with Hillside Road
Washington County
Project I.D. 2709-07-00



Washington County has contracted with the Wisconsin Department of Transportation (WisDOT) and raSmith for the design of improvements to the intersection of County Q (County Line Road) and Hillside Road in the Village of Richfield (Washington County) and Town of Lisbon (Waukesha County). The project is being funded under the WisDOT Highway Safety Improvement Program (HSIP) through the Southeast Region Local Program. The purpose of the project is to improve safety of this intersection. See Exhibit 1 – Project Location Map.

Public Involvement Meeting

A Public Involvement Meeting (PIM) will be held to discuss the project. All persons interested in this project are encouraged to attend an open-house meeting to learn about the project. **The meeting will be held on October 13, 2021 from 5:30 pm to 6:30 pm at the Richfield Village Hall, 4128 Hubertus Road, Hubertus, WI 53033.** A brief presentation will be given at 5:30, but you may attend any time during this hour.

The purpose of the PIM is to discuss the existing roadway deficiencies and safety concerns, present the design team's preliminary design to address the purpose of the project, answer your questions, and gather any comments or concerns regarding the project.

If you are unable to attend the in-person meeting, this project mailer was developed to supply the same information that will be presented at the PIM and to provide an opportunity for public comment. Project information will also be posted to the Washington County Highway Department website. Go to https://www.washcowisco.gov/departments/highway_department, then click on "Construction and Projects".

As stakeholders, your views are important to the design process. The project team is looking for your feedback, so please attend and share your thoughts on either the comment forms provided or with a project team member. Representatives from the Washington County and raSmith (County's Design Consultant) will be present to address your questions.

The Richfield Village Hall is wheelchair accessible. Citizens who are deaf, hard of hearing, blind, have low vision or speech disabled and require assistance, should contact Kathleen Kramer at least three working days prior to the meeting via the Wisconsin Telecommunications Relay System (dial 711).

Project Information

Currently, the County Q intersection with Hillside Road is a two-way stop controlled intersection with stop signs at the Hillside Road northbound and southbound approaches. There is no control on the County Q approaches. The posted speed limit on County Q is 50 miles per hour (mph), and the roadway carries up to 14,200 vehicles per day (vpd). Hillside Road is posted 45 mph south of County Q and 40 mph north of County Q. The roadway carries up to 2,500 vpd. Traffic volumes are anticipated to increase to 19,200 vpd on County Q and to 3,300 vpd on Hillside Road by the year 2043.

Between 2014 and 2018, 30 crashes occurred at the intersection with over 50% of them involving injuries. The intersection crash rate is over 30% higher than the statewide average crash rate for similar intersections. Washington County has installed additional stop signs and performed tree trimming to improve visibility and reduce crashes, but further modifications are necessary to improve long-term safety.

Potential Improvement Plan

A conceptual alternatives analysis was completed to investigate possible causes of the crash problems and identify potential solutions for the County Q / Hillside Road intersection. Alternatives included all-way stop control, two-way stop control with a median on County Q, traffic signals, and reconstructing the intersection as single-lane roundabout.

The preferred alternative is to reconstruct the intersection as a modern single-lane roundabout, as it is expected to provide the best safety and operational performance compared to the other alternatives considered. An overview of the proposed preliminary roundabout is shown over an aerial photo in the attached Exhibit 2.

A single-lane roundabout is proposed as the preferred improvement alternative for this intersection because of the safety and efficiency benefits it would provide. Roundabouts, in general, provide several safety benefits over traditional four-way stop controlled or signalized intersections:

1. Roundabouts require lower travel speeds, resulting in less severe intersection crashes.
2. Roundabouts have less potential for serious crashes, nearly eliminating the potential for head-on and right-angle crashes (above, it was stated right-angle crashes account for 71% of all crashes at this intersection).
3. Roundabouts provide a greener alternative with less vehicle idling, lower fuel emissions, and less wasted fuel.

Additionally, a single-lane roundabout at the County Q / Hillside Road intersection is expected to accommodate the design year 2043 projected traffic volumes more efficiently than the current two-way stop control.

Proposed Traffic Impacts

Construction is currently planned to begin in summer 2023 and continue through fall 2023. County Q would likely be closed to through traffic with a posted detour route. Hillside Road would be closed to through traffic with local wayfinding signs provided ahead of the intersection. See Exhibit 3 for a potential detour route for County Q. Emergency services access will be maintained for the duration of the project, and access will be maintained to businesses and residents located within the project limits. Temporary driveway closures will be necessary during parts of the construction process. The contractor will contact homeowners and businesses in advance before closing a driveway.

Real Estate

Right-of-way acquisition and temporary grading easements will be required to construct this project. Exact real estate needs will be determined as the project design progresses. Owners of properties requiring right-of-way or temporary grading easement acquisition will be contacted directly once improvement plans are finalized.

Project Schedule

Environmental Document	Fall 2021
Preliminary Design Plans	Fall / winter 2021
Begin Right-of-Way Acquisition	Spring 2022
Utility Relocation Work	Summer / fall 2022
Construction	Summer 2023

Public Input and Comments

Public input is an important part of the project development process and your comments are encouraged. Attached to this information packet is a sheet for your comments and input on the proposed project. Persons with a concern for, or knowledge of, historical or archaeological resources, drainage problems, the location of drain tile, or environmental issues such as hazardous wastes and underground storage tanks, are encouraged to provide information to the design consultant. **Please mail any written comments about the project before October 27, 2021.** You may also e-mail your comments to the contacts listed below.

For more information or to provide comments, please contact:

Scott Schmidt, P.E., PLS
Director of Public Works/County Surveyor
Washington County Highway Department
900 Lang Street
West Bend, WI 53090
262-335-6881
scott.schmidt@washcowisco.gov

Brad Severson, P.E.
Project Manager
raSmith
100 West Lawrence St, Suite 412
Appleton, WI 54911-5754
920-843-5738
brad.severson@rasmith.com

Enclosures:

Comment Form
Exhibit 1 – Project Location Map
Exhibit 2 – Project Overview

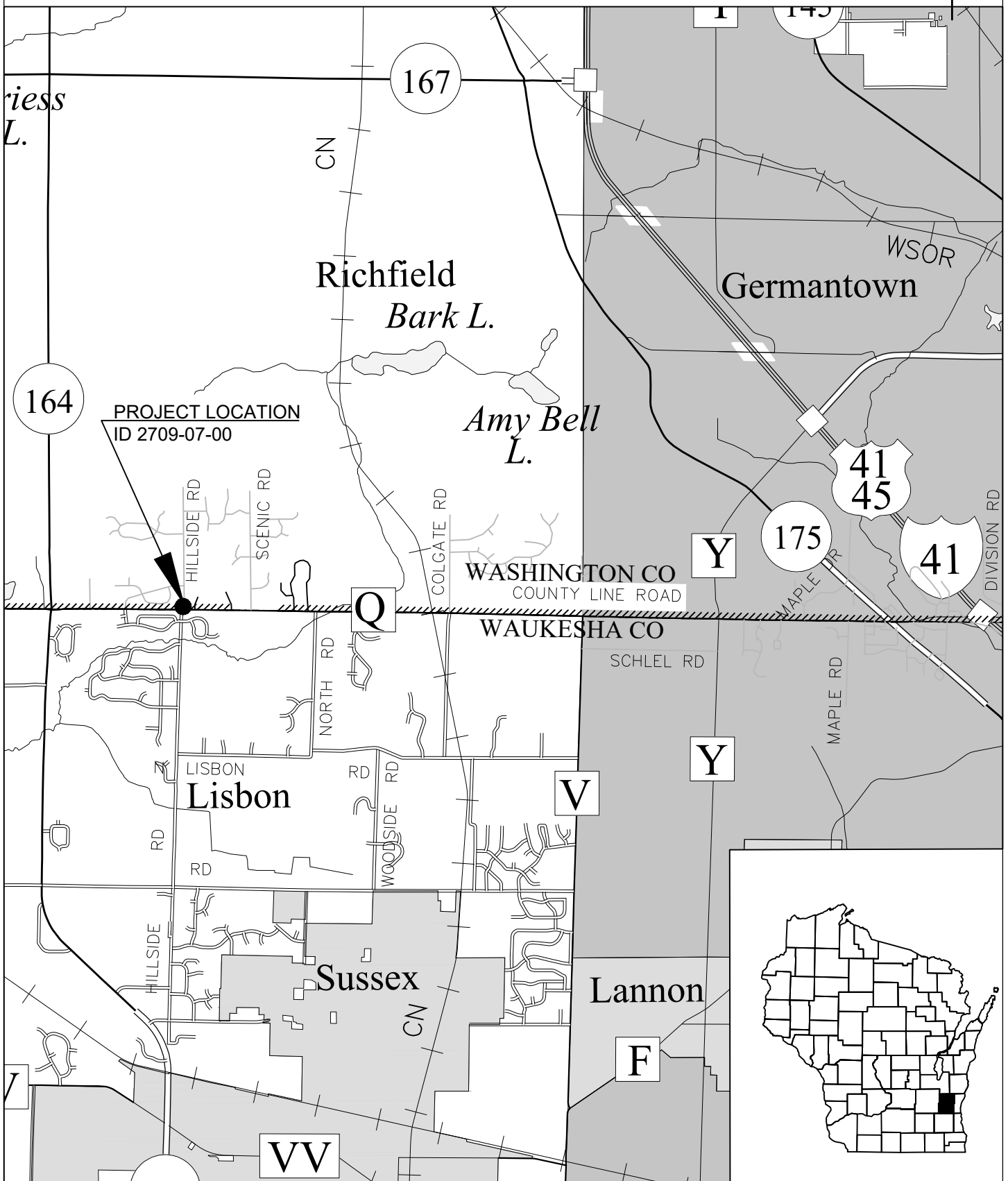
PROJECT LOCATION MAP

ID 2709-07-00

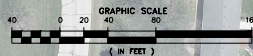
CTH Q

INTERSECTION WITH HILLSIDE ROAD
WASHINGTON COUNTY

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TREE REMOVAL
DIRECTION OF TRAVEL
EXISTING RIGHT-OF-WAY
PROPERTY LINE
TEMPORARY LIMITED EASEMENT
PROPOSED RIGHT-OF-WAY
GRADING LIMITS



County Q & Hillside Road Intersection Project Comment Form

Project ID 2709-07-00
County Q
Intersection with Hillside Road
Washington County

Please mail this form by **October 27, 2021**, to the address on the back of this sheet. Comments can also be e-mailed to brad.severson@rasmith.com. Your comments assist us in developing a project that will serve the needs of the traveling public, as well as the needs of the local community. Your input is welcome and appreciated throughout the design process.

Name: _____

Address: _____

Daytime Phone Number (optional): _____

Email Address (optional): _____

Please Print Comments (attach additional sheets if necessary)

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface. The overall appearance is that of a clean, unused piece of stationery or notebook paper.

The information in this document including names, addresses, phone numbers, e-mail addresses, and signatures is not confidential, and may be subject to disclosure upon request, pursuant to the requirements of the Wisconsin open records law, sections 19.31-19.39 of the Wisconsin Statutes.

[Stamp]

Attn: Brad Severson, P.E.

raSmith

100 West Lawrence St Suite 412

Appleton, WI 54911-5754

To mail: fold in half and tape closed