

VILLAGE OF ROSCOE

AGENDA ITEM - STAFF REPORT



Agenda Item: 2027 Residential Streets Program – Main Street Resurfacing

Date: 09/15/2026

Meeting: Village Committee of the Whole

Prepared by: Tyler Nelson, Brandon Boggs (Fehr Graham)

Department: Public Works/Engineering

Overview/Background Information

In 2020, the Village retained Fehr Graham to evaluate potential improvements to Main Street between McDonald Road to Elevator Road. The feasibility report recommended reconstruction of the roadway into an urban section, upgrading drainage, constructing pedestrian improvements, and incorporating streetscape elements through the downtown section. Following that study, the Village authorized Fehr Graham to complete design engineering for these upgrades in accordance with IDOT requirements, to leave the Village with funding source flexibility. Since that time, design engineering has been advanced in accordance with IDOT requirements. Current estimates of probable cost for the full roadway reconstruction project are \$23,000,000.

While the Village has been exploring funding sources during the design process, the roadway surface continues to degrade. In the 2025 Street Study, this segment of Main Street had the fourth-lowest Pavement Condition Rating (PCR) in the entire Village (a value of 60/100). This is especially noticeable in the portion between McDonald Road and Bridge Street, where the existing Portland Cement Concrete (PCC) base course pavement joints have caused reflective cracking in the hot-mix asphalt (HMA) surface leading to considerable rideability and maintenance concerns. In addition, the lack of shoulders in segments of the roadway create a safety concern. Beyond these concerns, as the southern entrance to the Village that accommodates 3,000 vehicles per day, this portion of Main Street is an aesthetically unappealing gateway for residents and visitors alike.

Key Issues

Financing the entire \$23,000,000 currently is unrealistic for the Village as current fund balances and revenue sources are not sufficient. Village staff and Fehr Graham will continue to explore grant opportunities, but in the meantime the Village can use targeted investment of its existing Capital Improvement funds and Motor Fuel Tax funds to provide an improvement to the southern section of Main Street (between McDonald Road and Bridge Street) to improve the rideability, appearance, and safety issues. The reason this section is being proposed for improvement is there are much fewer design considerations as the sections north of Bridge Street (where elements such as on-street parking, shared bike lanes, and midblock pedestrian crossings exist).

This project scope would involve removal of the existing degraded HMA surface course by pavement milling, installation of a crack control fabric over the existing PCC base course (to counteract the reflective cracking), resurfacing with new HMA, installation of aggregate shoulders, and upgrades to the pedestrian crossings and sidewalk ramps at the intersection with Bridge Street (which were previously designed by Fehr Graham and bid by the Village, with the project ultimately not awarded due to inflated costs). Fehr Graham has coordinated with IDOT and confirmed this scope of work would fall within their “General Maintenance” category, which means that the Village’s MFT funds can be used for engineering and construction and minimal design efforts with no additional environmental reviews will be necessary.

The life cycle of a pavement resurfacing of this nature is approximately 12-15 years. Utilizing this approach, the Village can address the worst portions of Main Street while providing additional time to seek alternate funding and revenue sources for the overall reconstruction project.

Fiscal Note/Budget Impact

Fehr Graham completed cost estimates for two potential options of resurfacing Main St:

1) McDonald Road to Grove Street = \$1,141,000

(Construction - \$992,000; Design/Construction Engineering - \$149,000)

2) McDonald Road to Bridge Street = \$1,521,000

(Construction - \$1,322,000; Design/Construction Engineering - \$199,000)

Prior Legislative Actions

N/A

Action Required/Recommendation

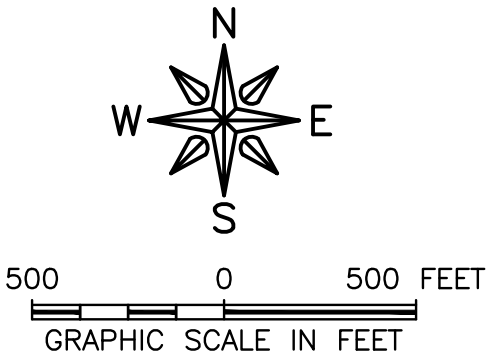
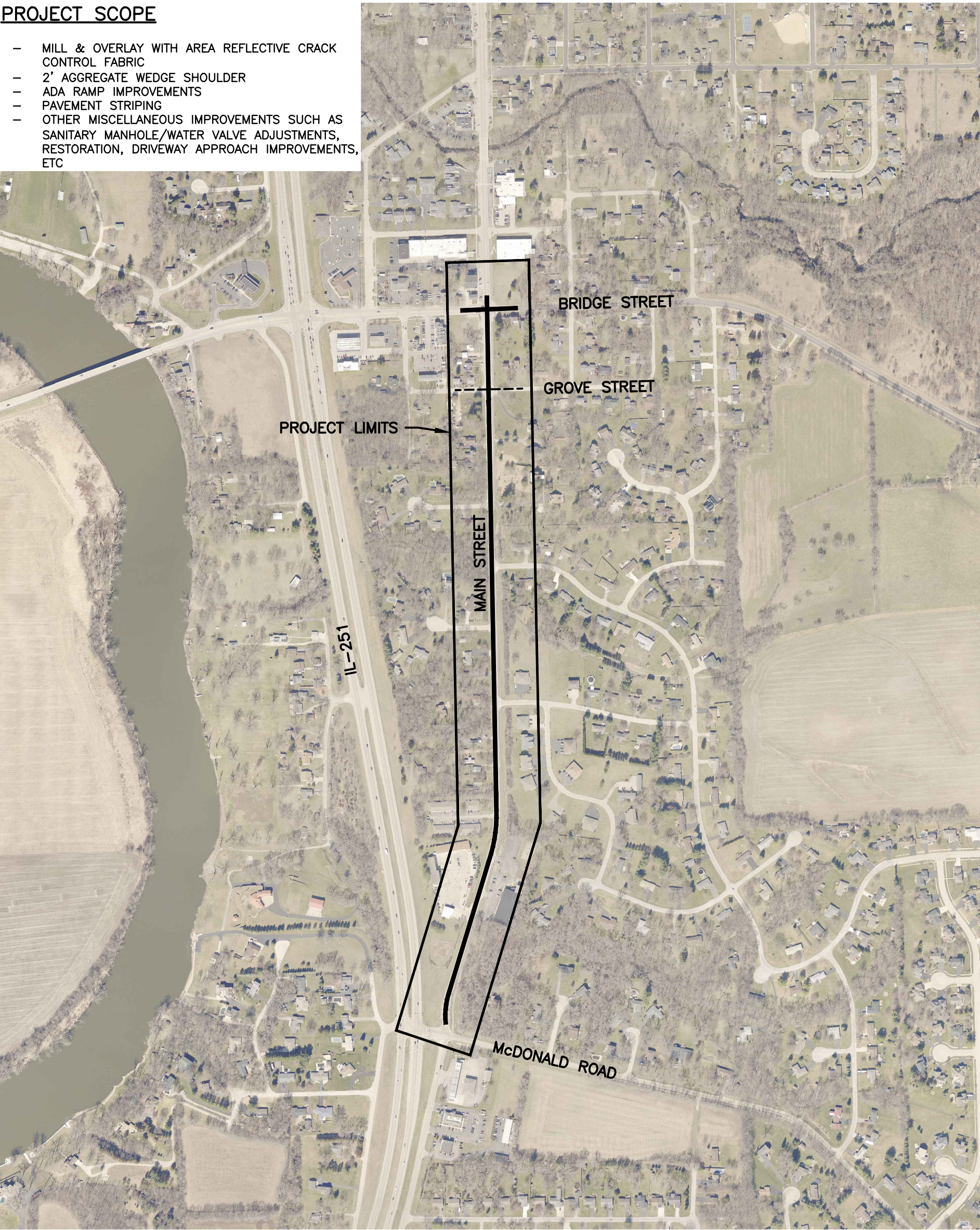
Staff is seeking approval of selecting the Main Street Resurfacing project as the 2027 Residential Streets Program. If agreed to by the Board, staff is seeking recommendations of project limits ending at either Grove Street or Bridge Street.

Attachments

Project Location Map

PROJECT SCOPE

- MILL & OVERLAY WITH AREA REFLECTIVE CRACK CONTROL FABRIC
- 2' AGGREGATE WEDGE SHOULDER
- ADA RAMP IMPROVEMENTS
- PAVEMENT STRIPING
- OTHER MISCELLANEOUS IMPROVEMENTS SUCH AS SANITARY MANHOLE/WATER VALVE ADJUSTMENTS, RESTORATION, DRIVEWAY APPROACH IMPROVEMENTS, ETC



PROJECT LOCATION MAP
2027 RSP PROJECT
VILLAGE OF ROSCOE
WINNEBAGO COUNTY
ROSCOE, ILLINOIS

9/8/2026

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN