



Agenda Memo

Crest Hill, IL

Meeting Date:	October 6, 2025
Submitter:	Ronald J Wiedeman
Department:	Engineering
Agenda Item:	A Resolution approving an Engineering Design Agreement for Caton Farm Rd over CN Railroad (formally EJ&E) by and Between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an amount of \$79,650.00.

Summary: Every two year the city is responsible for performing structure inspections on all bridge or large culverts under the responsibility of the city. The following are the required structures within the city that require structure inspections.

- Caton Farm Rd Over the CN Railroad (Formally EJ&E)
- Gaylord Road Over Rock Run Creek

This year's report prepared by Christopher Burke Engineering (CBBEL) outlined a suggested scope of work for the Caton Farm Rd Over the CN Railroad structure (see attached 2025 bridge inspection report).

There have been no significant changes to the condition of the bridge since the last inspection, but maintenance is required. Parts of the bridge like the deck and bearing are in fair condition while the joints are in poor condition. While, the bridge superstructure and substructure are in good conditions some repairs are noted in the inspection report.

In order to keep this bridge in satisfactory condition the next few years are the best time to perform work while the repair costs are the most economical. Below is a list of suggested repairs:

- Remove and replace bridge approach slabs.
- Remove and replace bridge joints.
- Install a latex concrete overlay on the bridge deck.
- Perform bridge deck patching.
- Clean the existing abutment bearing and encase them in concrete since they are all fixed bearing.

- Perform epoxy crack injections repairs and formed concrete repairs in the existing abutments.
- Perform polymer modified cement mortar repairs on beams as needed.
- Replace bridge approaches.
- Minor roadway, curb and gutter and sidewalk removal and replacement.
- Upgrade damaged or old guard rail.

The Engineering Department reached out to CBBEL, the consultant who performed the structure inspections and requested a proposal to complete the design plans for the work listed above. The proposal anticipates that two separate contracts will be completed. Contract 1 will be superstructure and substructure work which will not require any full-time lane closers and contract 2 will be bridge deck and roadway work. Contract 2 will require either a detour or temporary one-way traffic signal.

The current schedule will have contact 1 ready by April 2026 and contract 2 by early 2027. Railroad coordination will take time so starting the work as soon as possible will put us in a position to repair, if the City has funding available next year and in 2027.

Attached is an agreement from Christopher B. Burke Engineering, Ltd. to provide professional design services for the work discussed above.

These services will include the following:

- Field Reconnaissance and Documentation.
- Pre-final Plans and Specifications and Estimate (90%).
- Final Plans and Specifications and Estimate (100%).
- Railroad Coordination.
- Project Administration and Management.
- Attend Project Meeting
- Provide support during the bidding process.

Construction Engineering has not been negotiated at this time, but will be once the project is ready for bid. Once the construction engineering scope and fee are determined, an agreement will be presented to the City Council for review and approval.

Recommended Council Action:

A Resolution approving an Engineering Design Agreement for Caton Farm Rd over CN Railroad (formally EJ&E) by and Between the City of Crest Hill, Will County, Illinois and Christopher B. Burke Engineering, Ltd. for an amount of \$79,650.00.

Financial Impact:

Funding Source: MFT Fund

Budgeted Amount: \$93,750.00

Cost: \$79,650.00

Attachments:

Resolution-Caton Farm Bridge Repairs

Exhibit A-BLR 05530_Caton Farm Bridge Repairs Final Proposal

Crest Hill 2025 Bridge Inspection Report