

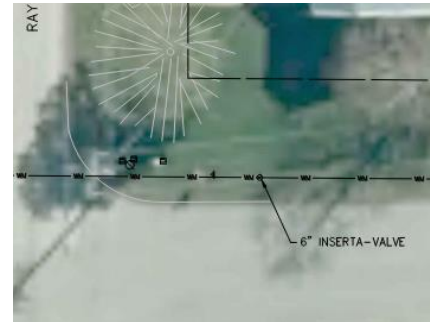
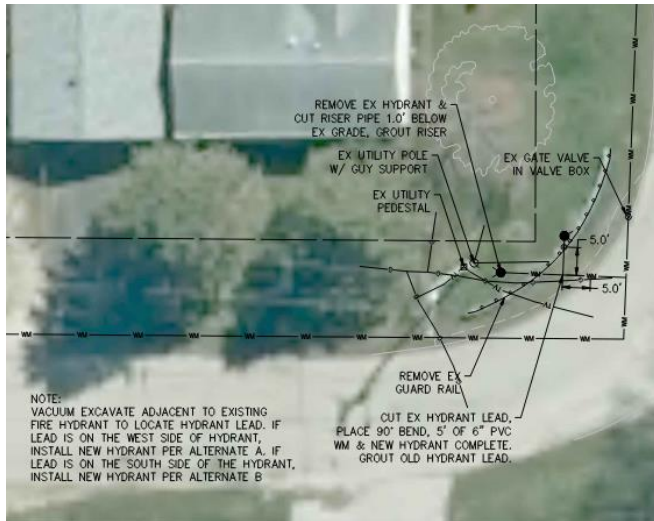
To: The Village President and Board of Trustees

From: Chris Dopkins, P.E., Village Engineer

Re: Bullard Street Hydrant Replacement

Date: December 11, 2024

As previously reported, the fire hydrant at the westerly end of Bullard Street has developed a small leak. There is no hydrant valve, and there is no valve along Ray Street that will isolate the main without taking the School out of service. To make matters worse, the hydrant is located next to an existing utility pole w/ two guy wires, guard rail, and there are a plethora of underground utilities in and around the hydrant, and of course the hydrant sprang a leak soon after the Village resurfaced Bullard. To replace the hydrant, we first need to place a new valve at the corner of Ray/Bullard (shown in the photo to the right). The valve is inserted



into the main under live conditions so there is no need to take the main out of service to construct the valve. We then need to remove the existing guardrail. Once complete, we'll determine the location of the hydrant lead via vacuum excavation. Once known, the lead will be exposed and a new hydrant the old hydrant will be abandoned in place.

Staff sought pricing from three area contractors for the work, and results are summarized below. Detailed results are attached to this memorandum as well.

Northern Illinois Service Company, Inc.	\$34,450.00
N-Trak Group, LLC	\$60,300.00
Stenstrom Excavation and Blacktop Group	Did Not Respond

Staff recommends awarding the work to Northern Illinois Service Company. This project exceeds \$25,000 and therefore a supermajority vote is required to award the work as noted in the attached resolution. The leak is minor at the moment and therefore staff's preference is to complete the work in the spring months to avoid additional mobilization and restoration costs. However, if the leak becomes worse, the Village may need to act sooner. Staff will continue to monitor the leak and if action becomes necessary we will advise the board of the same. Please do not hesitate contact me at (815) 636-9590 with any questions.

Village of Poplar Grove
Bullard Street Hydrant Replacment

N-Trak Group



Item #	Item	Units	Unit Measure	Unit Price	Total
1	Remove and Dispose of Existing Guardrail	1	LS	\$2,500.00	\$2,500.00
2	Vacuum Excavate to Locate Hydrant Lead	4	Hours	\$950.00	\$3,800.00
3	Remove Existing Hydrant, Cut and Grout Riser and Hydrant Lead	1	Each	\$1,500.00	\$1,500.00
4	Connect to existing w/ 6" 90 Degree Bend	1	Each	\$0.01	\$0.01
5	6" Molecularly Oriented PVC Water Main	5	Feet	\$1,000.00	\$5,000.00
6	Fire Hydrant Assembly w/ Valve in Valve Box, Complete	1	Each	\$35,000.00	\$35,000.00
7	Restoration (Topsoil, Seed, NAG DS75 Blanket, Fertilizer)	80	SY	\$50.00	\$4,000.00
8	Traffic Control-Complete	1	LS	\$1,000.00	\$1,000.00
9	6" Inserta-Valve, Complete	1	Each	\$7,500.00	\$7,500.00

Total \$60,300.01



4781 Sandy Hollow Road · Rockford, Illinois 61109
 Phone: (815) 874-4422 · Fax: (815) 874-1944 · www.northernillinoiservice.com

NISC Proposal No.: P24252
 Proposal Date: 12/5/2024
 NISC Contact: Paul Munson
 Phone: 815-378-7880
 e-mail: paul@northernillinoiservice.com

Village of Poplar Grove
 Bullard Street Hydrant Replacment



Item #	Item	Units	Unit Measure	Unit Price	Total
1	Remove and Dispose of Existing Guardrail	1	LS	\$500.00	\$500.00
2	Vacuum Excavate to Locate Hydrant Lead	4	Hours	\$350.00	\$1,400.00
3	Remove Existing Hydrant, Cut and Grout Riser and Hydrant Lead	1	Each	\$5,150.00	\$5,150.00
4	Connect to existing w/ 6" 90 Degree Bend	1	Each	\$7,500.00	\$7,500.00
5	6" Molecularly Oriented PVC Water Main	5	Feet	\$20.00	\$100.00
6	Fire Hydrant Assembly w/ Valve in Valve Box, Complete	1	Each	\$12,000.00	\$12,000.00
7	Restoration (Topsoil, Seed, NAG DS75 Blanket, Fertilizer)	80	SY	\$10.00	\$800.00
8	Traffic Control-Complete	1	LS	\$500.00	\$500.00
9	6" Inserta-Valve, Complete	1	Each	\$6,500.00	\$6,500.00

Total \$34,450.00

Notes

- 1 Hydrant shall be Mueller Super Centurian 250 PSI Rated two hose one pumper, or Pre-approved Equal.
- 2 All work shall be completed in accordance with IDOT Standard Specifications, Latest Edition, and 10 State Standards, Latest Edition.
- 3 Existing water main is 6" diameter cast iron.
- 4 Bullard Street was resurfaced in 2024. Excavation within the pavement limits is prohibited. All equipment must be rubber track.
- 5 Village of Poplar Grove to provide testing.
- 6 Water main depth near hydrant location is 5.0'

RESOLUTION 24- 21 ____

**A RESOLUTION OF THE VILLAGE OF POPLAR GROVE RESOLVING TO RETAIN
NORTHERN ILLINOIS SERVICE COMPANY, INC. FOR HYDRANT REPLACEMENT
AT BULLARD STREE**

WHEREAS, an existing hydrant located at the west end of Bullard Street has developed a leak and requires replacement; and

WHEREAS, the Village of Poplar Grove (“Village”) received proposals for the replacement and recommends that the Village retain Northern Illinois Service Company, Inc. to complete the work; and

WHEREAS, the replacement will cost in excess of \$25,000 and pursuant to Village Code Section 1-10-4 and by a two-thirds (2/3) vote of the corporate authorities, the Village hereby waives the public bid requirement for purchases exceeding \$25,000; and

WHEREAS, this is a Public Works Project subject to the Illinois Prevailing Wage Act and the Village will comply with said act as required by 820 ILCS Sec. 130/0.01 *et seq.*; and

WHEREAS, the Village has determined that it is in the best interest of its citizens to construct the improvements,

NOW THEREFORE BE IT RESOLVED, by the President and Board of Trustees of the Village of Poplar Grove, Boone County, Illinois that by the adoption of this Resolution:

1. The above recitals are incorporated herein and made part hereof.
2. The Village hereby waives the requirement to publicly bid the hydrant replacement by a two-thirds majority vote.
3. The Village President and Village Clerk are hereby authorized to execute and attest a proposal with Northern Illinois Service Company, Inc. and are further authorized to execute any document necessary to effectuate the intent set forth in this resolution.
4. The Village hereby approves a contingency of 15% of the sum of the contract values above to be used in the event that unforeseen circumstances arise during construction.
5. The proposal from Northern Illinois Service Company is attached to and made part of this resolution.

The Village Clerk of Poplar Grove shall attest the same after the signature of the Village President.

Adopted this 18th day of December, 2024.

PASSED UPON MOTION BY _____

SECONDED BY _____

BY ROLL CALL VOTE THIS _____ DAY OF _____, 2024

AS FOLLOWS:

VOTING "AYE": _____

VOTING "NAY": _____

ABSENT, ABSTAIN, OTHER _____

APPROVED _____, 2024

VILLAGE PRESIDENT

ATTEST:

VILLAGE CLERK



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Village of Poplar Grove
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