



November 13, 2024

S. Khurshid Hoda, CPP
Director, Engineering Programs and Services
Village of Orland Park
14700 Ravinia Avenue
Orland Park, Illinois 60462

RE: 143rd Street at John Humphrey Drive Phase II
Supplement #2 - Additional Water Main Relocation Design

Dear Mr. Hoda:

Patrick Engineering (Patrick) is currently under contract with the Village of Orland Park (Village) for preparing the contract plans for the 143rd Street and John Humphrey Drive intersection. During the course of the project design, a conflict with the Village-owned water main has been identified. This supplement includes additional design effort for the water main relocation to be included as part of the contract plans for the intersection project. Patrick will complete the plans under an expedited schedule and make every effort to include this work as part of the IDOT January letting.

Patrick will perform this work for the not-to-exceed fee of \$19,863, as outlined in the attached spreadsheet. We are prepared to commence this work immediately upon the Village's authorization to proceed.

Thank you for allowing us to be of service to the Village of Orland Park. If you should have any questions or desire additional information, please contact me at (630) 795-7468 or jcebulski@patrickco.com.

Very truly yours,

PATRICK ENGINEERING INC.

Jarrold Cebulski, P.E.
Project Manager

Attachment



**VILLAGE OF ORLAND PARK
RELOCATION OF WATERMAIN (approximately 400 ft)
John Humphrey Drive at 143rd Street - Phase II**

Date: 11/12/2024
Project no.: 22277.005

MANHOUR ESTIMATE

TASK & DESCRIPTION	WORK HOURS	PM	PE	SME
1 Plan and Specification				
Data collection and plotting - Record plans, GIS from Village, field location points from Village	9	1	8	-
Proposed Watermain Plan and Profile (50 scale, 1 sheet)	32	8	24	-
Structural coordination	8	6	2	-
Standard Details (1 sheet)	6	2	4	-
Meetings with other utility owners (Nicor, ComEd, Telephone, Drainage)	4	4	-	-
Coordination with Village	6	4	-	2
Specifications and Special provisions	8	8	-	-
Calculate Quantities (to be part of Summary of quantities)	6	2	4	-
Cost Estimate	6	2	4	-
IEPA - Watermain Construction Permit	12	4	8	-
Watermain permit from Village	6	2	4	-
Review Final/Bid Plan set submittal (QA/QC)	4	-	-	4
SUBTOTALS =	107			
2 Phase III - Post contract coordination				
Meetings (1 Pre-Bid ,1 Pre-construction and 1 field meetings)	2	-	-	2
Bid support (RFI, issuance of addendums)	10	4	4	2
SUBTOTALS =	12			
3 Progress Reports and Invoices				
Administration	4	-	-	4
SUBTOTALS =	4			
TOTAL =	123	47	62	14

TOTAL COST (manhours at COST rate) = \$ 6,051 \$ 2,695.45 \$ 2,235.72 \$ 1,120.00
TOTAL COST (manhours at BILLING rate) = \$ 19,463 \$ 8,695.00 \$ 7,688.00 \$ 3,080.00
 IEPA - Watermain Permit Fee (Direct cost) = \$400
GRAND TOTAL COST = \$ 19,863