



MEMORANDUM

TO: Carie Anne Ergo, Village Administrator
FROM: Michael Subers, Public Works Director *MJS*
DATE: February 23, 2021
SUBJECT: Task Order for Water Main Replacement (Elm Street Storm Project)

INTRODUCTION

Public Works has received Task Order 18-R1009.02 from Robinson Engineering Ltd. for design services for the replacement of approximal 2,700 feet of water main within the Elm Street Storm Sewer Project limits in the not-to-exceed amount of \$84,876.

DISCUSSION

The existing water main along the construction route of the proposed Elm Street Storm Sewer is approaching 90 years old. Since the roadway along the Elm Street Storm Sewer construction route is scheduled to be replaced with either new pavement (curb-to-curb) or urbanized with new curb and pavement, this is an opportune time to replace the aging infrastructure. This project is part of our capital improvement plan listed under project STW-19-001 Elm Street Storm Sewer.

FISCAL IMPACT

There is currently \$320,000 earmarked for design engineering and a partial construction for this project in the water capital line 30-01-81500. A portion of design costs may need to be reallocated in FY22 depending on the progress made in the current fiscal year. All construction costs in this fiscal year will need to be reallocated in future years.

STAFF RECOMMENDATION

Staff recommends the item be forwarded to the Committee of the Whole on March 2, 2021 for consideration and approval.

ATTACHMENTS

Robinson Engineering Ltd. Task Order 18-R1009.02
Water Main Replacement Exhibit

TASK ORDER 18-R1009.02

In accordance with Paragraph 1.01 of the Agreement between the Village of Itasca ("Owner") and Robinson Engineering, Ltd. ("Engineer") for General Professional Services dated January 2013 ("Agreement"), Owner and Engineer agree to as follows:

1 Specific Project Data

- A. Title: **Elm Street Storm Sewer - Supplemental Work for Water Main Replacement**
 B. Description: **This work includes the addition of supplemental design engineering services for the expansion of the storm sewer project to include water main and water service replacement along the project area of Walnut St (Irving Park Rd to Center St); Elm St (Center to North); North St (Walnut to Elm); and Center St (Maple to Elm). Any lead water service lines in the project area would be replaced to the home as part of the LSLR program that the Village is currently seeking funding.**

2 Services of Engineer:

Design Engineering Services - Robinson Engineering will perform additional topographic survey of Walnut Street, from Irving Park Road to the rail road tracks in order to facilitate the design of the water main replacement. The supplemental work will include preparation of engineering design plans, specifications, appropriate bidding documents, and itemized opinion of probable cost of construction. This work will include design of the water main, preparation and submittal of IEPA Public Water Supply permit, any necessary revisions to the plans based on permit review, and incorporation of the water main design into the current project plans.

Principal Engineer 1	10 HR	@	\$198 /HR	=	\$1,980
Senior Project Manager 1	90 HR	@	\$174 /HR	=	\$15,660
Senior Project Manager 2	12 HR	@	\$188 /HR	=	\$2,256
Project Engineer 2	150 HR	@	\$128 /HR	=	\$19,200
Senior Engineer 2	40 HR	@	\$168 /HR	=	\$6,720
Chief Land Surveyor	8 HR	@	\$158 /HR	=	\$1,264
Land Surveyor 3	8 HR	@	\$142 /HR	=	\$1,136
Field Superintendent	8 HR	@	\$154 /HR	=	\$1,232
Field Survey Crew	24 HR	@	\$115 /HR	=	\$2,760
CAD Manager	24 HR	@	\$136 /HR	=	\$3,264
CAD Technician 2	256 HR	@	\$109 /HR	=	\$27,904
Administrative 1	20 HR	@	\$75 /HR	=	\$1,500
Total Not to Exceed Cost:					\$84,876

Exclusions: Construction Engineering Services to be covered under separate task order.

Note: Approximate Construction Cost of the water main is approximately \$1,200,000. The supplemental Design Engineering fee of \$84,876 is approximately 7% of Construction.

VILLAGE OF ITASCA

By: _____

Title: _____

Date Signed: _____

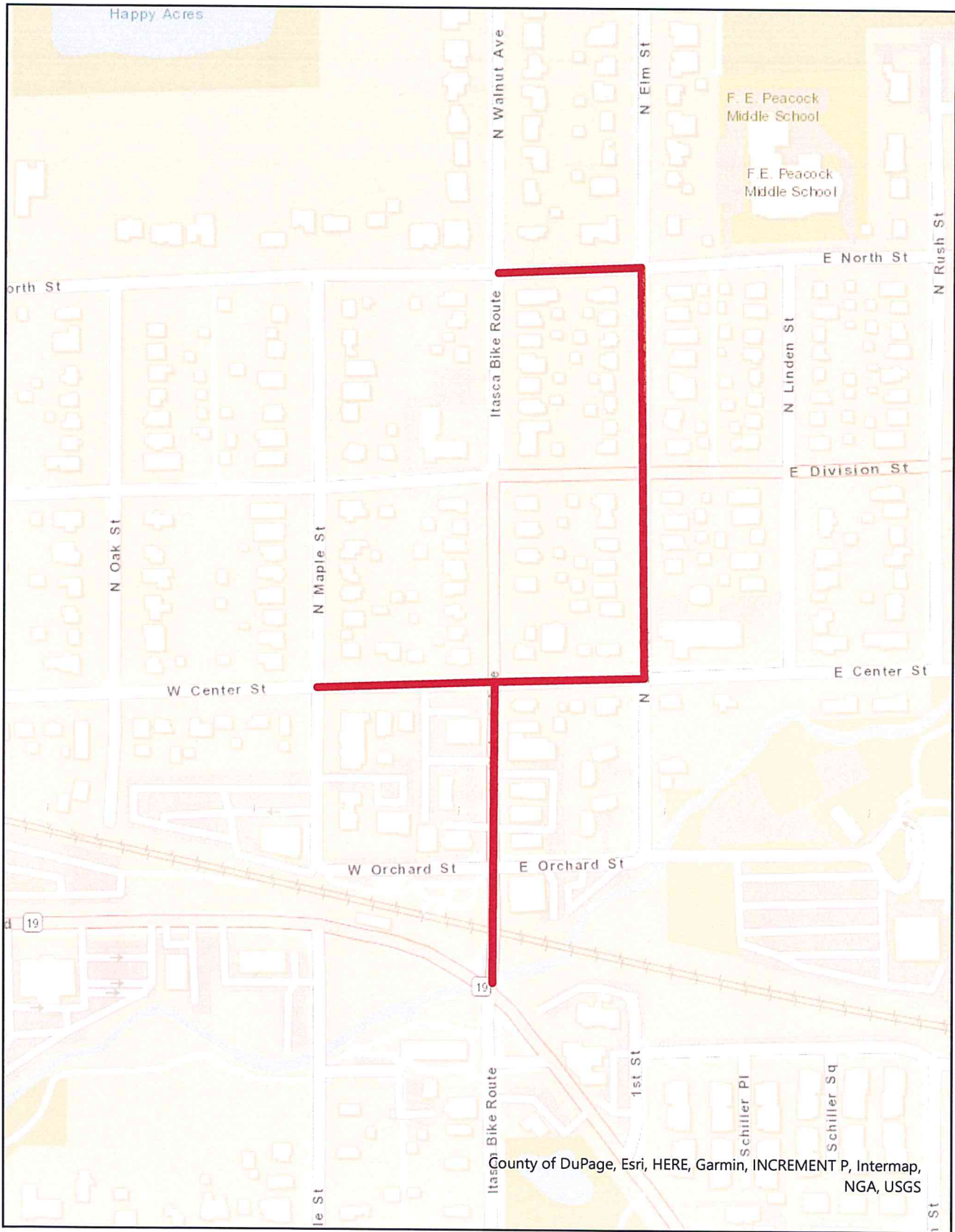
ROBINSON ENGINEERING, LTD.

By:  _____

Title: Aaron E. Fundich, PE, Exec. Vice President

Date Signed: 1/12/21

Water Main Replacement (STW-19-001 Elm Street Storm Sewer)



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