

DISTRICT 1 & 5

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on the Board Agenda

 X Resolution or Ordinance (Blue) X Waiver of First Requested
 Recommendations of Boards, Commissions & Committees (Green)
 Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: September 03, 2025 (COW) (B of T) **Date:** September 18, 2025

TITLE: Large Diameter Combined Sewer Rehabilitation Project
Change Order #5 (Semi-Final)

SUBMITTED BY: David Gorman, P.E., Assistant Director of Public Works 

BACKGROUND/POLICY IMPLICATIONS:

The addition of an Authorized Unit Pay Item and the balancing of pay item quantities to date.

FISCAL IMPACT/FUNDING SOURCE:

Current Contract Amount: \$14,738,388.91
Change Order Amount: \$ 321,480.54
Revised Contract Amount: \$14,416,908.37
Water/Sewer Capital Reserve Fund (520.790.715.75420)/ IEPA Low-Interest Loan
CIP Budget: \$16,073,200.00
Project Number: SA 18 01
P.O. Number: 2025-00000182

Review (as necessary):
Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

MEMORANDUM



To: Scott Niehaus, Village Manager

From: David Gorman, P.E., Assistant Director of Public Works

Through: Carl Goldsmith, Director of Public Works *g*

Date: September 3, 2025

Subject: Change Order #5 (Semi- Final)
Large Diameter Combined Sewer Rehabilitation Project

Summary

Change Order #5 decreases the current contract amount by \$321,480.54

Project Background

This project, funded by a low-interest loan from the Illinois Environmental Protection Agency (IEPA), involves a two-year contract to rehabilitate nearly two miles of large-diameter combined sewer, stretching from the east end of Lombard Common Park to the Glenbard Wastewater Treatment Plant.

Most of the project's cost is attributed to lining the combined sewer with geopolymer mortar. Other components include lining and repairing manholes and installing sanitary sewer cleanouts at properties directly connected to the large-diameter sewer. Additionally, the project involves lining a 30-inch diameter sewer overflow pipe using Cured-In-Place Pipe (CIPP) technology. This section of the pipe runs from the intersection of Finley Road and Hickory Street to the Glenbard treatment plant.

Current Pay Items

Underground utility work, even trenchless methods, especially at this project's scale, can encounter unforeseen conditions that can pose a risk to the project budget. Contingencies were put in place to anticipate the contractors' means and methods and to account for potential field issues. Being that the project is being funded through an IEPA loan, safeguards were put in place to ensure the project did not exceed the principal IEPA loan amount. The pay items in Change Order #5 are primarily related to items that would address potential underground conditions or quantities that were included as contingency items.

Authorized Unit Price 4 (Tree Removal):

During the cleaning and televising of the backyard, large diameter combined sewer located in the Green Valley subdivision (S. Park Avenue and S. Elizabeth Street) a very large tree root was found to be significantly intruding into pipe. The tree, a mature Siberian Elm (a very undesirable species) was located within the rear yard Village utility easement of 8 Lincoln Court. To prevent the risk of any future large root intrusions, the tree was removed.

Recommendation

The Change Order will be presented to the Public Works Committee on September 9, 2025. Pending the Committee's recommendation, please present Change Order #5 to the President and Board of Trustees for review and approval at their regular meeting on September 18, 2025. If approved, please return a signed copy to Engineering for further processing.

H:\PW\PW-Eng\PROJECTS\FY2018\SA 18 01 108 Sewer Rehab\Construction - Pay Estimates & Change Order\Change Order\Memo CO #5 (AUP tree & Quantity).docx

Attachment: CO#5

DG/rgs

RESOLUTION
R _____

A RESOLUTION AUTHORIZING A CHANGE ORDER
INVOLVING AN INCREASE IN THE DOLLAR AMOUNT OF
THE CONTRACT OF \$10,000 OR MORE AND EXTENDING THE TIME IN WHICH
THE CONTRACT IS TO BE COMPLETED BY THIRTY (30) DAYS OR MORE

WHEREAS, pursuant to Illinois Compiled Statutes, Chapter 720, Section 5/33E-9, units of local government are required to make specific findings prior to authorizing any change order relative to a contract which would increase or decrease the dollar amount of the contract by \$10,000 or more, or would extend or shorten the time in which the contract is to be completed by thirty (30) days or more; and

WHEREAS, staff has presented and recommended the proposed Change Order No.5 to the contract between the Village of Lombard and Vortex Lining Systems regarding the Large Diameter Combined Sewer Rehabilitation project, as attached hereto as Exhibit "A" and made part hereof, (the "Change Order") to the Corporate Authorities of the Village of Lombard.

WHEREAS, said Change Order attached hereto as Exhibit "A" would decrease the dollar amount of the contract by \$321,480.54 and, when combined with Change Order No. 1, No. 2, No.3, and No. 4 would modify the original total dollar amount of the contract by a decrease of \$282,013.67 and;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

SECTION 1: That after reviewing the explanation of staff as to the necessity of and reasons for the Change Order attached hereto as Exhibit "A", the President and Board of Trustees find as follows:

- A That the circumstances which necessitated said Change Order were not reasonably foreseeable at the time the contract was entered into.
- B. That the basis of the Change Order was not within the contemplation of the contract when the contract was signed.
- C. That it is in the best interests of the Village of Lombard to approve the Change Order in its proposed form.
- D. That to the extent that it may have been necessary to go to bid relative to the work contemplated by said Change Order, bidding is hereby specifically waived as to the Change Order work.

Resolution _____

SECTION 2: That having made the findings set forth in Section 1 above, the President and Board of Trustees hereby approve the Change Order attached hereto as Exhibit "A", and direct and authorize the Village President and Village Clerk to execute said Change Order on behalf of the Village.

Adopted on the 18th day of September 2025, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me on this 18th day of September 2025.

Anthony Puccio
Village President

ATTEST:

Elizabeth Ranya
Village Clerk

VILLAGE OF LOMBARD CHANGE ORDER

PROJECT NAME: Large Diameter Combined Sewer Rehabilitation
 PROJECT NO.: SA 18 01 (21-0488)
 LOCATION: Village of Lombard CHANGE ORDER: 5
 CONTRACTOR: Vortex Lining Systems, LLC Date: 8/26/2025
 DESCRIPTION OF CHANGE ORDER: Tree Removal & Stump Grinding, Substantial Completion Balancing Quantities

ORIGINAL CONTRACT AMOUNT:	[1]	\$ <u>14,698,922.04</u>
TOTAL OF PREVIOUS AUTHORIZED CHANGE ORDERS:	[2]	\$ <u>39,466.87</u>
CURRENT CONTRACT AMOUNT: ([1]+[2])	[3]	\$ <u>14,738,388.91</u>
PROPOSED CHANGE ORDER: (PENDING APPROVAL)	[4]	\$ <u>(321,480.54)</u>
PROPOSED REVISED CONTRACT AMOUNT: (PENDING APPROVAL) ([3]+[4])	[5]	\$ <u>14,416,908.37</u>

NET OF ALL CHANGE ORDERS: (PENDING APPROVAL) ([2]+[4]) \$ (282,013.67)

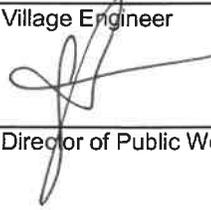
TIME EXTENSION OR REDUCTION: None

TOTAL CONTRACT TIME: (PENDING APPROVAL) 420 Cal. Days (Original Contract + Approved Extension)

BUDGET ESTIMATE: \$16,073,200.00

ENGINEER'S ESTIMATE: \$19,296,574.00

RECOMMENDED FOR ACCEPTANCE :

<i>Ray Schwab</i>	<u>08/29/25</u>	Approved By:	
Project Manager	Date		Director of Finance
			Date
		Approved By:	
Contractor	Date	(<\$10K or 25%)	Village Manager
			Date
		Approved By:	
Village Engineer	Date	(>\$10K or 25%)	Village President
			Date
	<u>9/2/2025</u>	Attest:	
Director of Public Works	Date		Village Clerk
			Date
Assistant Director of Finance	Date		

It is understood that as part of this change order that the Contractor agrees that all bonds, permits, insurance and guarantees are hereby extended to incorporate this Change Order

#	Item	Current Quantity	Unit	Unit Price	Revised Quantity	Quantity	Amount	Description
20101100	TREE TRUNK PROTECTION	8.0	EACH	\$15.00	0.0	(8.0)	(\$120.00)	Not needed due to minimized staging areas.
20200100	EARTH EXCAVATION	50.0	CU YD	\$305.00	0.0	(50.0)	(\$15,250.00)	Not needed as no excavation was necessary.
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	100.0	CU YD	\$185.00	0.0	(100.0)	(\$18,500.00)	Not needed as no excavation was necessary.
20201201	NON-SPECIAL WASTE DISPOSAL	100.0	CU YD	\$185.00	0.0	(100.0)	(\$18,500.00)	A contingency item in case any excavated material was found to require special disposal.
21300010	EXPLORATION TRENCH, SPECIAL	50.0	CU YD	\$288.00	3.0	(47.0)	(\$13,536.00)	A contingency item for anticipated site conditions
35101582	AGGREGATE BASE COURSE, TYPE B 2"	234.0	SQ YD	\$23.00	0.0	(234.0)	(\$5,382.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
35101800	AGGREGATE BASE COURSE, TYPE B 6"	220.0	SQ YD	\$29.00	0.0	(220.0)	(\$6,380.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	50.0	SQ YD	\$98.00	0.0	(50.0)	(\$4,900.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	1,200.0	SQ FT	\$17.00	70.0	(1,130.0)	(\$19,210.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44000200	DRIVEWAY PAVEMENT REMOVAL	160.0	SQ YD	\$23.00	0.0	(160.0)	(\$3,680.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44000500	COMBINATION CURB AND GUTTER REMOVAL	90.0	FOOT	\$17.00	4.5	(85.5)	(\$1,453.50)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44000600	SIDEWALK REMOVAL	1,200.0	SQ FT	\$5.75	70.0	(1,130.0)	(\$6,497.50)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44200919	CLASS B PATCHES, 7 INCH	20.0	SQ YD	\$420.00	3.0	(17.0)	(\$7,140.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44201297	DOWEL BARS 1"	40.0	EACH	\$144.00	10.0	(30.0)	(\$4,320.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
44201753	CLASS D PATCHES, 9 INCH	80.0	SQ YD	\$200.00	0.0	(80.0)	(\$16,000.00)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
60257900	MANHOLES TO BE RECONSTRUCTED	4.0	EACH	\$7,145.00	0.0	(4.0)	(\$28,580.00)	A contingency item related to any potential manhole work, that was not reviewed in the preliminary engineering videos.
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-12	90.0	FOOT	\$103.00	4.5	(85.5)	(\$8,806.50)	A contingency item in the event any unforeseen repair work outside of the ling of the pipe was encountered.
Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	110.0	SQ YD	\$86.00	7.1	(102.9)	(\$8,848.54)	A contingency item related to any potential manhole work, that was not reviewed in the preliminary engineering videos.
01 05 10 / 01	CONSTRUCTION LAYOUT	1.0	L. SUM	\$20,000.00	0.0	(1.0)	(\$20,000.00)	This item was not needed due to the contractor's means and methods
31 10 00 / 01	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	50.0	UNITS	\$1.50	0.0	(50.0)	(\$75.00)	Not needed due to minimized staging areas.
31 10 00 / 02	TREE REMOVAL (OVER 15 UNITS DIAMETER)	50.0	UNITS	\$1.50	0.0	(50.0)	(\$75.00)	Not needed due to minimized staging areas.
31 10 00 / 03	CLEARING AND GRUBBING	600.0	SQ YD	\$5.00	0.0	(600.0)	(\$3,000.00)	Not needed due to minimized staging areas.
31 23 19 / 01	DEWATERING	1.0	L. SUM	\$24,500.00	0.0	(1.0)	(\$24,500.00)	A contingency item for anticipated site conditions
31 25 13 / 01	EROSION CONTROL FENCE	300.0	FOOT	\$18.50	0.0	(300.0)	(\$5,550.00)	Not needed due to minimized staging areas.
31 25 13 / 02	INLET PROTECTION	5.0	EACH	\$369.00	0.0	(5.0)	(\$1,845.00)	Not needed due to minimized staging areas.
31 25 13 / 03	PUMP FILTER BAG	1.0	L. SUM	\$2,115.00	0.0	(1.0)	(\$2,115.00)	No overland bypass pumping was needed.
31 25 13 / 04	BMP MAINTENANCE	1.0	L. SUM	\$42,950.00	0.0	(1.0)	(\$42,950.00)	No overland bypass pumping was needed.
31 25 13 / 06	STABILIZED CONSTRUCTION ENTRANCE	1.0	L. SUM	\$9,200.00	0.0	(1.0)	(\$9,200.00)	This item was not needed due to the contractor's means and methods
33 05 13 / 04	MANHOLE RISER	1.0	EACH	\$34,800.00	0.0	(1.0)	(\$34,800.00)	The manhole was eliminated as constructability issues and modification costs were a concern. Underground Utility Division was satisfied with current access and maintenance.
AUP 4	TREE & STUMP REMOVAL, MULCH SPREAD	0.0	L. SUM	\$9,733.50	1.0	1.0	\$9,733.50	Large diameter Siberian Elm at 8 Lincoln Court (within rear yard easement)

| (\$321,480.54)