



**TOWN OF ALLEGANY
 PROPOSED FIVE MILE ROAD SEWER EXTENSION
 PRELIMINARY ENGINEER'S ESTIMATE
 OCTOBER 2022**

**OPTION 1- GRAVITY COLLECTION SYSTEM
 ALONG FIVE MILE ROAD FROM VILLAGE TO ALCS MIDDLE HIGH ONLY**

CONSTRUCTION COSTS

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
Mobilization	ls	1	\$ 25,000	\$ 25,000
8" PVC Gravity Sewer Complete	lf	11500	\$ 95.00	\$ 1,092,500
Stream Crossing	ls	3	\$ 15,000	\$ 45,000
4' Diameter Precast Manhole	ea	45	\$ 6,000	\$ 270,000
Connection to Existing Sewer	ea	1	\$ 12,000	\$ 12,000
Short Side Laterals	ea	52	\$ 1,200	\$ 62,400
Long Side Laterals	ea	32	\$ 2,500	\$ 80,000
Modify Pump Station at ALCS	ls	1	\$ 50,000	\$ 50,000
				Subtotal
				\$ 1,636,900
				Contingency (20%)
				\$ 327,380
				Construction Total
				\$ 1,964,280

SOFT COSTS

Survey & Mapping				\$ 50,000
Engineering & Inspection				\$ 295,000
Legal Costs				\$ 40,000
Easements				\$ 25,000
General Administration				\$ 50,000
				Soft Cost Total
				\$ 460,000

TOTAL COST SEWER OPTION 1 \$ 2,424,280

SAY \$ 2,425,000



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 PRELIMINARY ENGINEER'S ESTIMATE
 OCTOBER 2022**

**OPTION 2- GRAVITY COLLECTION SYSTEM
 ALONG FIVE MILE ROAD FROM VILLAGE TO ALCS MIDDLE HIGH
 INCLUDING LONG ACRES, PORTION OF BUFFALO ROAD
 AND SOLTERRA CIRCLE & SUNBURST LANE**

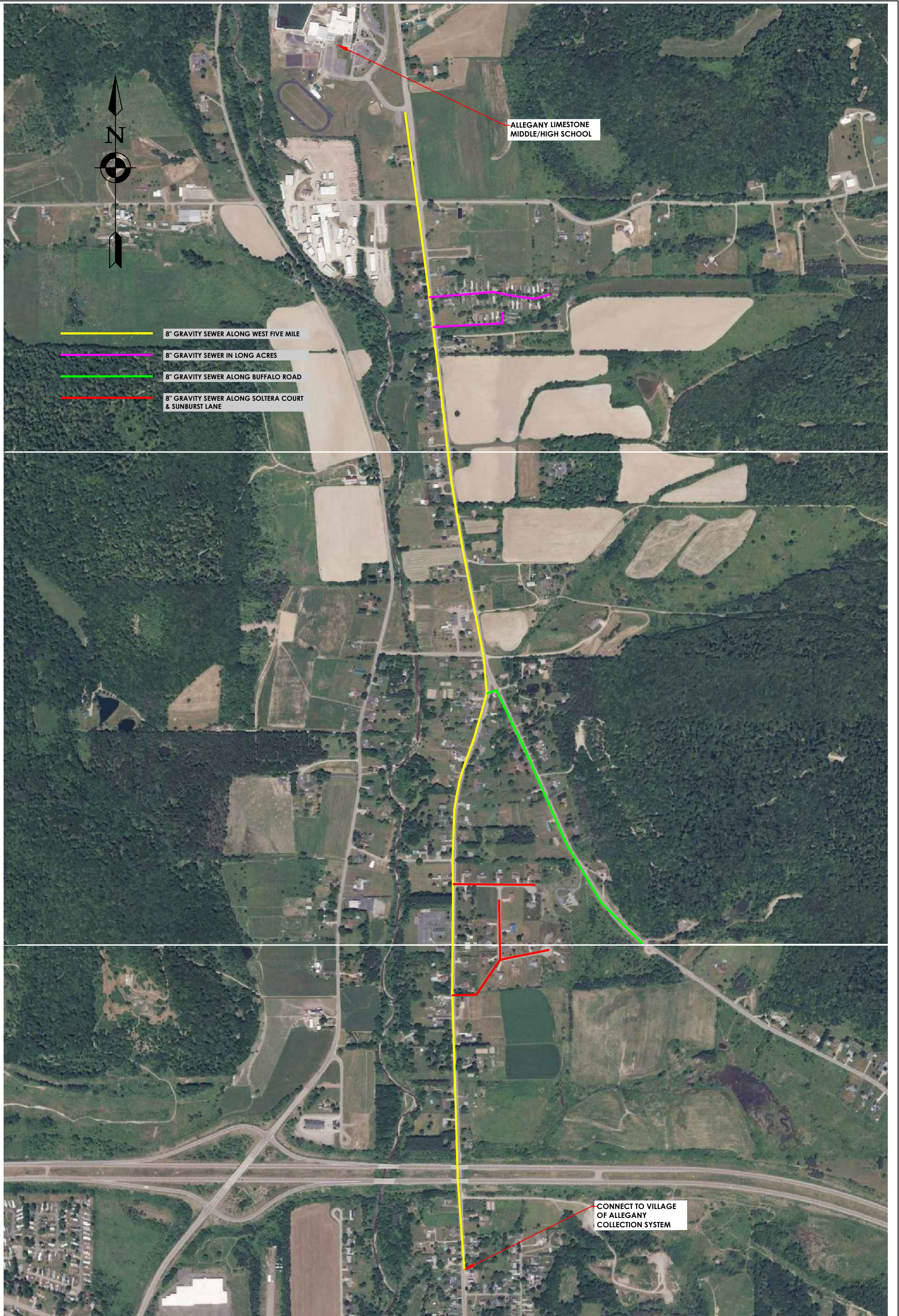
CONSTRUCTION COSTS

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
Mobilization	ls	1	\$ 25,000	\$ 25,000
8" PVC Gravity Sewer Complete	lf	18700	\$ 95.00	\$ 1,776,500
Stream Crossing	ls	3	\$ 15,000	\$ 45,000
4' Diameter Precast Manhole	ea	70	\$ 6,000	\$ 420,000
Connection to Existing Sewer	ea	1	\$ 12,000	\$ 12,000
Short Side Laterals	ea	96	\$ 1,200	\$ 115,200
Long Side Laterals	ea	72	\$ 2,500	\$ 180,000
Modify Pump Station at ALCS	ls	1	\$ 50,000	\$ 50,000
			Subtotal	\$ 2,623,700
			Contingency (20%)	\$ 524,740
			Construction Total	\$ 3,148,440

SOFT COSTS

Survey & Mapping	\$ 100,000
Engineering & Inspection	\$ 473,000
Legal Costs	\$ 60,000
Easements	\$ 40,000
General Administration	\$ 75,000
Soft Cost Total	\$ 748,000

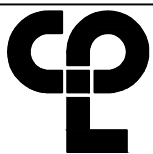
TOTAL COST SEWER OPTION 2 \$ 3,896,440
SAY \$ 3,897,000



- 8" GRAVITY SEWER ALONG WEST FIVE MILE
- 8" GRAVITY SEWER IN LONG ACRES
- 8" GRAVITY SEWER ALONG BUFFALO ROAD
- 8" GRAVITY SEWER ALONG SOLTERA COURT & SUNBURST LANE

ALLEGANY LIMESTONE MIDDLE/HIGH SCHOOL

CONNECT TO VILLAGE OF ALLEGANY COLLECTION SYSTEM



130 SOUTH UNION STREET
OLEAN, NEW YORK 14760
TEL (800) 274-9000
FAX (585) 232-5836

CPLteam.com

ARCHITECTURE • ENGINEERING • PLANNING

DATE: 10/11/22

DRAWN:

CHECKED:

SCALE: 1" = 800'

PROJ. #: XXXX.XX

TOWN OF ALLEGANY

PROPOSED FIVE MILE SEWER EXTENSION

CITY, STATE