

APPENDIX B

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DESIGN
REPORTS
SUPERVISION
CONSULTING SERVICES

January 23, 1984

SUBDIVISIONS
TITLE SURVEYS
TOPOGRAPHIC SURVEYS

Mr. Daniel Shuster
RD 1 Box 259
Stone Ridge, New York 12484

Re: Village of Saugerties
Waterfront Revitalization
Program

Dear Dan:

In accordance with our recent meeting I am enclosing Preliminary Cost Estimates covering some of the various projects under the above referenced program. These cover the installation of sanitary sewers on Ferry Street and Lighthouse Drive, storm sewer separation projects in Mini Systems 3, 4 and 5B, Reconstruction of East Bridge Street, landscaping of creekfront at the Wastewater Treatment Facility and the construction of a pump station at the intersection of East Bridge Street and Route 9W.

Please bare in mind when using these figures that they are very preliminary and in some cases based on only cursory examinations and limited data. Once the projects become better defined we will be in a better position to make a more detailed cost breakdown.

If you have any further questions regarding this matter please do not hesitate to contact me.

Very truly yours,

BRINNIER and LARIOS, P.C.

Tony
Anthony J. Zell
Project Engineer

AJZ/pac
Enclosures

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PRELIMINARY COST ESTIMATE

FOR

INSTALLATION OF SANITARY SEWERS ON FERRY STREET

JANUARY 20, 1984

VILLAGE OF SAUGERTIES

1) 8" Sanitary Sewer 950' @ \$75.00/l.f.	=	\$ 71,250.00
2) Manholes 5 @ \$2,000.00 each	=	\$ 10,000.00
3) Pump Station Lump Sum @ \$35,000.00	=	\$ 35,000.00
4) 3" Force Main 1050 @ \$20.00/l.f.	=	\$ 21,000.00
5) House Services 14 @ \$750.00 each	=	\$ 10,500.00
6) House Ejector Pump 8 @ \$3,000.00 each	=	\$ 24,000.00
7) Rock Excavation 500 cu. yds. @ \$30.00/cu. yd.	=	<u>\$ 15,000.00</u>
SUB TOTAL		= \$186,750.00
Contingencies 10%		= <u>\$ 18,675.00</u>
SUB TOTAL		= \$205,425.00
Engineering 10%		= <u>\$ 20,543.00</u>
TOTAL		= <u>\$225,968.00</u>

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VILLAGE OF SAUGERTIES

PRELIMINARY ESTIMATE

FOR

INSTALLATION OF SANITARY SEWERS ON

LIGHTHOUSE DRIVE

JANUARY 20, 1984

1) 8" Sanitary Sewer 2500 L.F. @ \$75.00/L.F.	=	\$187,500.00
2) Manholes 9 @ \$2,000.00	=	\$ 18,000.00
3) Pump Station 1 @ \$40,000.00	=	\$ 40,000.00
4) 3" Force Main 2400 L.F. @ \$20.00/L.F.	=	\$ 48,000.00
5) House Services 28 @ \$750.00/EA	=	\$ 21,000.00
6) House Ejector Pump 10 @ \$3,000.00/EA	=	<u>\$ 30,000.00</u>
SUB TOTAL	=	\$344,500.00
10% Contingencies	=	<u>\$ 34,450.00</u>
SUB TOTAL	=	\$378,950.00
10% Engineering	=	<u>\$ 37,895.00</u>
TOTAL	=	<u>\$416,845.00</u>

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PRELIMINARY COST ESTIMATE

STORM SEWER SEPARATION PROJECT

MINI SYSTEM NO. 3

VILLAGE OF SAUGERTIES

JANUARY 20, 1984

<u>Street</u>	<u>Total Correction Cost</u> <u>(Includes Engineering)</u>
Washington Avenue	\$154,590.00
Finger Street	\$ 25,683.00
Tris Terrace	\$ 12,793.00
Lafayette Street	\$ 61,090.00
John Street	\$ 20,012.00
Irving Street	<u>\$ 16,400.00</u>
 TOTAL	 <u>\$290,568.00</u>

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PRELIMINARY COST ESTIMATE

STORM SEWER SEPARATION PROJECT

MINI SYSTEM NO. 4

VILLAGE OF SAUGERTIES

JANUARY 20, 1984

<u>Street</u>	<u>Total Correction Cost</u> <u>(Includes Engineering)</u>
Virginia Avenue	\$ 27,574.00
Bennett Avenue	\$ 46,136.00
Main Street	\$ 25,168.00
Post Street	\$ 74,668.00
Center Street and Division Street	<u>\$ 41,324.00</u>
 TOTAL	 <u>\$214,870.00</u>

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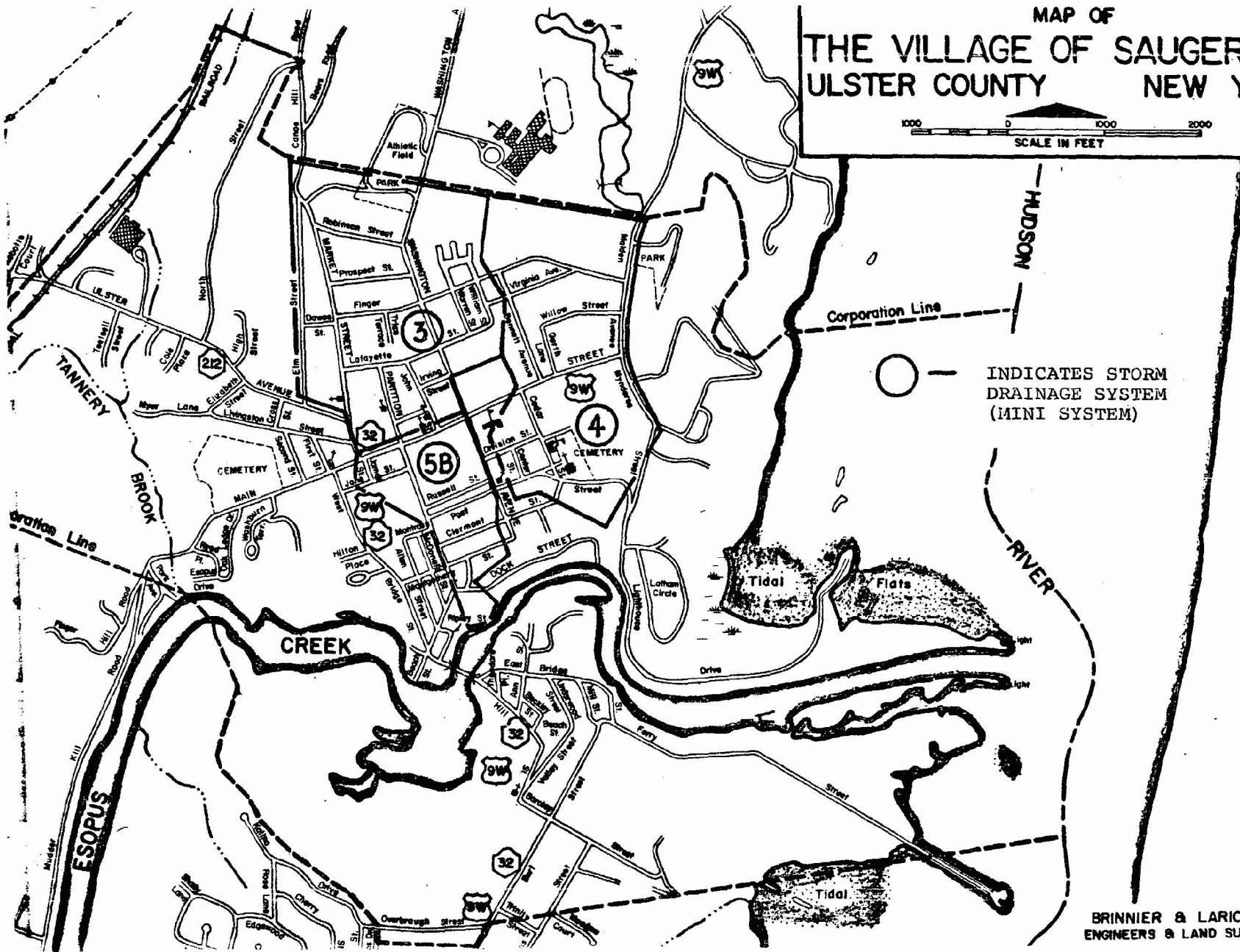
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PRELIMINARY COST ESTIMATE
STORM SEWER SEPARATION PROJECT
MINI SYSTEM 5B
VILLAGE OF SAUGERTIES
JANUARY 20, 1984

<u>Street</u>	<u>Total Correction Cost</u> <u>(Includes Engineering)</u>
West Bridge Street and Jane Street	\$150,445.00
James Street	\$ 18,270.00
Partition Street	\$ 58,286.00
Main Street	\$ 83,586.00
Russell Street and Post Street	\$ 50,930.00
Dock Street and Montgomery Street	<u>\$ 66,914.00</u>
 TOTAL	 <u>\$428,431.00</u>

MAP OF
THE VILLAGE OF SAUGERTIES
ULSTER COUNTY NEW YORK

1000 0 1000 2000
SCALE IN FEET



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PRELIMINARY COST ESTIMATE

FOR

RECONSTRUCTION OF EAST BRIDGE STREET

VILLAGE OF SAUGERTIES

JANUARY 20, 1984

1) Excavation and Removal of Existing Material 1600 cu. yds. @ \$10.00/cu. yd.	=	\$ 16,000.00
2) 12" Sub-base Material 1600 cu. yds. @ \$18.00/cu. yd.	=	\$ 28,800.00
3) Blacktop Pavement (4" thick - 2 course) 4,800 sq. yds. @ \$12.00/sq. yd.	=	\$ 57,600.00
4) Maintenance and Protection of Traffic Lump Sum @ \$10,000.00	=	<u>\$ 10,000.00</u>
SUB TOTAL	=	\$112,400.00
Contingencies 10%	=	<u>\$ 11,240.00</u>
SUB TOTAL	=	\$123,640.00
Engineering 10%	=	<u>\$ 12,364.00</u>
TOTAL	=	<u><u>\$136,004.00</u></u>

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PRELIMINARY COST ESTIMATE

FOR

LANDSCAPE-SCREENING ALONG CREEK FRONT

SAUGERTIES WASTEWATER TREATMENT FACILITIES

VILLAGE OF SAUGERTIES

JANUARY 20, 1984

1) Landscaping-Screening of Creek Front 12,500 sq. ft. @ \$1.50/sq. ft.	=	\$18,750.00
2) Miscellaneous Site Work Lump Sum @ \$5,000.00	=	<u>\$ 5,000.00</u>
SUB TOTAL	=	\$23,750.00
Contingencies 10%	=	<u>\$ 2,375.00</u>
SUB TOTAL	=	\$26,125.00
Engineering	=	<u>\$ 5,000.00</u>
TOTAL	=	<u><u>\$31,125.00</u></u>

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PRELIMINARY ESTIMATE

IMPROVEMENTS TO THE SANITARY SEWER SYSTEM

AT HILL STREET AND EAST BRIDGE STREET

JANUARY 20, 1984

1) 8" Diameter Sanitary Sewer (6' - 8' deep) 40 L.F. @ \$45.00/LF	=	\$ 1,800.00
2) 8" Diameter Sanitary Sewer (8' - 12' deep) 30 L.F. @ \$60.00/LF	=	\$ 1,800.00
3) 4' Diameter Standard Manhole 3 EA @ \$1,750.00/EA	=	\$ 5,250.00
4) 6" Diameter Sanitary Sewer (4' - 8' deep) 45 L.F. @ \$25.00/LF	=	\$ 1,125.00
5) 6" Sanitary Sewer State Highway Crossing 1 EA @ \$30,000.00/EA	=	\$30,000.00
6) 2½ Diameter Force Main 250 L.F. @ \$20.00/LF	=	\$ 5,000.00
7) Pump Station 1 EA @ \$35,000.00	=	\$35,000.00
8) Trench Rock Excavation 200 cu. yds. @ \$65.00/cu. yd.	=	\$13,000.00

Preliminary Estimate
Improvements to the Sanitary
Sewer System at Hill Street
and East Bridge Street

Page 2
January 20, 1984

9) Maintenance and Protection of Traffic		
\$12,500.00 - Lump Sum	=	\$12,500.00
10) Resurfacing State Highway		
540 sq. yds. @ \$3.50/sq. yd.	=	\$ 1,890.00
11) Miscellaneous Site Work		
Lump Sum - \$7,500.00	=	<u>\$ 7,500.00</u>
SUB TOTAL	=	\$114,865.00
Contingencies 10%	=	<u>\$ 11,486.00</u>
SUB TOTAL	=	\$126,351.00
Engineering 10%	=	<u>\$ 12,635.00</u>
TOTAL	=	<u><u>\$138,986.00</u></u>