

RESOLUTION NO. 34-1989

Offered by Mr. Morrison

A RESOLUTION AUTHORIZING THE MAYOR AND DIRECTOR OF FINANCE TO ENTER INTO ADDENDUM NO. 1 TO THE AGREEMENT FOR ENGINEERING SERVICES DATED SEPTEMBER 22, 1986 WITH FINKBEINER, PETTIS & STROUT, LTD. AND DECLARING AN EMERGENCY

BE IT RESOLVED by the Council of the Village of Richfield, State of Ohio:

SECTION 1: That the Mayor and Director of Finance be, and they hereby are, authorized and directed to enter into an Agreement denominated Addendum No. 1 to the Agreement for Engineering Services dated September 22, 1986 with Finkbeiner, Pettis & Strout, Ltd., a copy of which Addendum Agreement is attached hereto as Exhibit "A" and incorporated herein fully as if by reference.

SECTION 2: This Resolution is determined to be an emergency measure necessary for the immediate preservation of the public peace, health or safety for the reason to provide immediate engineering services for the Brecksville Road Sanitary Sewer Improvement Project and provided this Resolution receives the affirmative vote of two-thirds of the members elected or appointed, it shall take effect and be in force from and after its approval by the Mayor; otherwise, it shall take effect and be in force from and after the earliest date provided by law.

Passed: 6/6/89

David W. Howard
President of Council

Raymond W. Wray
Mayor

ATTEST:

Dated: 6/6/89

Mary F. Hegley
Clerk of Council

ADDENDUM NO. 1 TO AGREEMENT FOR ENGINEERING SERVICES

DATE OF AGREEMENT - SEPTEMBER 22, 1986

WHEREAS, an Agreement was entered into on September 22, 1986 by and between the **VILLAGE OF RICHFIELD, OHIO**, hereinafter called the **OWNER**, and **FINKBEINER, PETTIS & STROUT, LIMITED**, hereinafter called the **ENGINEER**; and

WHEREAS, under said Agreement the **OWNER** agrees to employ the **ENGINEER** to render engineering services in connection with improvements to the **OWNER's** sewerage system, hereinafter called the "Project", and;

WHEREAS, under said Agreement plans and specifications were prepared, and;

WHEREAS, the **OWNER** desires the **ENGINEER** to perform additional services under the terms of this Agreement to include services during the construction phase, and;

WHEREAS, the Agreement must be amended to authorize the additional services and payment to the **ENGINEER** for said services;

NOW THEREFORE, this _____ day of _____, 1989 the **OWNER**, pursuant to the authority of Resolution No. _____, dated _____, 1989, and the **ENGINEER** hereby mutually agree to amend this Agreement as follows:

1. Paragraph 5.1.2. shall be amended to include attached Exhibit C-1 outlining additional engineering costs for the Bidding Phase and the Construction Phase.
2. Paragraph 5.2.1. shall be amended to include attached Exhibits D-1, D-2 and D-3 outlining additional engineering costs for Resident Services During Construction, Preparation of an Operation and Maintenance Manual and assistance in the Preparation of a User Charge and Sewer Use Ordinance, respectively.

IN WITNESS WHEREOF, the said parties have made and executed this Amendment as of the day and year first above written.

APPROVED AS TO FORM

VILLAGE OF RICHFIELD
(OWNER)

Director of Law

By _____
Mayor

By _____
Director of Finance

FINKBEINER, PETTIS & STROUT, LIMITED
(ENGINEER)

By _____

By _____

EXHIBIT C-1

BRECKSVILLE ROAD SANITARY SEWER

RICHFIELD, OHIO

COST BREAKDOWN FOR BIDDING AND CONSTRUCTION PHASE

May 3, 1989

I. DIRECT LABOR

<u>Employee Classification</u>	<u>Hours</u>	<u>Average Rate</u>	<u>Estimated Cost</u>
Project Partner	185		
Chief Construction Engineer	140		
Chief. Electrical Engineer	<u>40</u>		
TOTAL - Managers & Principals	365	\$36.05	\$13,158.00
Project Engineer	540		
Chief Design Engineer	80		
Engineer - Electrical	280		
Engineer - Structural	120		
Engineer - Mechanical	24		
Engineer - Environmental	<u>422</u>		
TOTAL - Engineers	1,466	\$16.27	23,854.00
Chief Drafter	88		
Drafter - Architectural	120		
Drafter - Electrical	210		
Drafter - Mechanical	24		
Drafter - Utility	<u>600</u>		
TOTAL - Drafters	1,042	\$ 9.03	9,404.60
Co-op Technician	200		
Technician - Construction	440		
Technician - Electrical	200		
Technician - Mechanical	10		
Operations Specialist	60		
Estimator	16		
Specifications Writer	<u>24</u>		
TOTAL - Technicians	950	\$10.65	10,119.40
Surveyor	480		
Survey Supervisor	<u>100</u>		
TOTAL - Surveying	580	\$10.52	6,102.00
Secretarial	<u>80</u>		
TOTAL - Secretarial	80	\$ 8.70	<u>696.00</u>
TOTAL DIRECT LABOR			\$63,334.00

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II. INDIRECT COSTS (130%)	82,334.20
III. OTHER DIRECT COSTS	9,100.00
IV. FIXED FEE (15%)	<u>23,215.23</u>
TOTAL ESTIMATE	\$177,983.43

EXHIBIT D-1

BRECKSVILLE ROAD SANITARY SEWER

RICHFIELD, OHIO

COST BREAKDOWN FOR RESIDENT PROJECT REPRESENTATION

May 3, 1989

I. DIRECT LABOR

Inspector A (Reg. Time)	3,128 hrs @ \$14.81	\$ 46,316.80
Inspector A (Overtime)	310 hrs @ \$14.81	4,600.00
Inspector B	2,088 hrs @ \$ 9.79	<u>20,444.80</u>

TOTAL DIRECT LABOR \$ 71,361.60

II. INDIRECT LABOR (130%) 92,770.08

III. OTHER DIRECT COSTS

Inspector C		45,936.00
Mileage		4,387.50

IV. FIXED FEE (10%) 21,445.52

TOTAL ESTIMATE \$235,900.70

EXHIBIT D-2

BRECKSVILLE ROAD SANITARY SEWER

RICHFIELD, OHIO

COST BREAKDOWN FOR O&M MANUAL

May 3, 1989

I. DIRECT LABOR

	<u>Employee Classification</u>	<u>Hours</u>	<u>Average Rate</u>	<u>Estimated Cost</u>
	Project Engineer	8		
	Engineer - Electrical	36		
	Engineer - Structural	<u>4</u>		
	TOTAL - Engineers	48	\$15.65	\$ 751.20
	CAD Technician - Architectural	24		
	CAD Technician - Electrical	12		
	CAD Technician - Utility	30		
	Operations Specialist	<u>190</u>		
	TOTAL - Technicians	256	\$13.91	3,560.40
	Secretarial	<u>40</u>		
	TOTAL - Secretarial	40	\$ 8.70	<u>348.00</u>
	TOTAL DIRECT LABOR			\$ 4,659.60
II.	INDIRECT COSTS (130%)			6,057.48
III.	OTHER DIRECT COSTS			1,600.00
IV.	FIXED FEE (15%)			<u>1,847.56</u>
	TOTAL ESTIMATE			<u>\$14,164.64</u>

EXHIBIT D-3

BRECKSVILLE ROAD SANITARY SEWER

RICHFIELD, OHIO

COST BREAKDOWN FOR A USER CHARGE SYSTEM

May 3, 1989

I. DIRECT LABOR

	<u>Employee Classification</u>	<u>Hours</u>	<u>Average Rate</u>	<u>Estimated Cost</u>
	Project Partner	46		
	Project Engineer	<u>40</u>		
	TOTAL - Engineers & Managers	86	\$25.30	\$ 2,176.00
	Secretarial	<u>17</u>		
	TOTAL - Secretarial	17	\$ 8.70	<u>147.90</u>
	TOTAL DIRECT LABOR			\$ 2,323.90
II.	INDIRECT COSTS (130%)			3,021.70
III.	OTHER DIRECT COSTS			300.00
IV.	FIXED FEE (15%)			<u>846.75</u>
	TOTAL ESTIMATE			\$ 6,491.72