

Resolution 5 -97

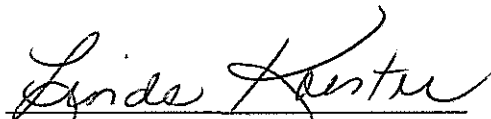
A RESOLUTION APPROVING THE 1997 MFT PROGRAM

BE IT RESOLVED by President and Board of Trustees of the Village of Chatham, County of Sangamon, State of Illinois, that there is hereby appropriated the sum of \$165,000 of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of the Illinois Highway Code, from January 1, 1997 to December 31, 1997.

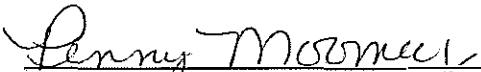
BE IT FURTHER RESOLVED, that only those streets, highways, and operations as listed on the approved Municipal Estimate Costs, including supplemental or revised estimates approved in connection with this resolution, are eligible for maintenance with Motor Fuel Tax funds during the period as specified above.

BE IT FURTHER RESOLVED, that the Village shall, as soon as practicable after the close of the period as given above, submit to the Department of Transportation, on forms furnished by said Department, a certified statement showing expenditures from and balances remaining in the account(s) for this period; and

BE IT FURTHER RESOLVED, that the clerk shall immediately transmit two certified copies of this Resolution to the district office of the Department of Transportation, at Springfield, Illinois.


Linda L. Koester, President
Village of Chatham

ATTEST:


Penny Mooney, Village Clerk

Yeas: 6

Passed: 2/11/97

Nays: 0

Approved: 2/11/97

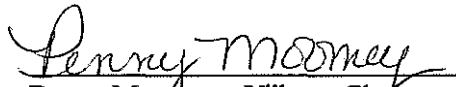
State of Illinois)
) SS.
County of Sangamon)

I, the undersigned, do hereby certify that I am the duly qualified acting Village Clerk of the Village of Chatham, Sangamon County, Illinois.

I do further certify that the resolution attached hereto is a full and exact copy of Resolution ___-97 , adopted by the President and Board of Trustees of said Village on the 11th day of February, 1997.

I do further certify that prior to the making of this certificate, the said Resolution was spread at length upon the permanent records of said Village, where it now appears and remains.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of said Village the 11th day of February, 1997


Penny Mooney, Village Clerk

**Illinois Department
of Transportation**

**Municipal Estimate of
Maintenance Costs**

Period from January 1, 1997 to December 31, 1997

Municipality Chatham

Estimated Cost of Maintenance Operations

Maintenance Operation (No.-Description-Total Quantity)	Material, Equipment or Labor					Operation Cost
	Item and Specification Reference	Quantity	Unit	Unit Cost	Amount	
1. Blade Patch (Group III)	Emulsion Mix Special	1698	Tons	34.00	57732.00	
	Bituminous Patch Mix Pre-Mix	150	Tons	40.00	6000.00	
	Labor (Public)				2800.00	
	Equipment Rental				17000.00	83,532.00
2. Bituminous Concrete Overlay (Skip Patch) (Group III)	Cold Milling	2467	S.Y.	4.00	9868.00	
	Prime Coat	7155	S.Y.	1.20	6906.00	
	Area Reflective Crack Control Treat.	5755	S.Y.	1.30	7482.00	
	Bituminous Concrete Surface Course	725	Tons	38.00	27550.00	51,806.00
3. Winter Maintenance (Group II)	Rock Salt	40	Tons	33.00	1320.00	
	Labor (Public)				1500.00	
	Equipment (Public)				3000.00	5,820.00
4. Ditch Work (Group II)	Labor (Public)				2000.00	
	Equipment (Public)				4000.00	6,000.00
6. Street Sweeping (Group II)	Labor (Public)				2000.00	
	Equipment (Public)				6000.00	8,000.00
7. Mowing (Group II)	Labor (Public)				2500.00	
	Equipment (Public)				1500.00	4,000.00
					Sub Total	\$159,158.00
Preliminary Engineering	4.0% Group III					5,413.52
	1.5% Group II					357.30
					Sub Total	\$5,770.82
Total Estimated Maintenance Cost						\$164,928.82

Submitted _____, 19____ Approved _____, 19____

By Loide Koster Municipal Official Title Village President District Engineer

Submit Four (4) Copies to District Engineer

Operation #1: Blade Patch

Emulsion Mix Special

1.5" Average: $7,167 \text{ S.Y.} \times 105 \text{ lbs/S.Y.} \times 1.5/2000 = 564 \text{ Tons}$

2" Average: $10,801 \text{ S.Y.} \times 105 \text{ lbs/S.Y.} / 2" \text{ thickness} \times 1" \times 1 \text{ ton}/2000 \text{ lbs} = 1134 \text{ Tons}$

Operation #2: Resurfacing

Cold Mill Removal

$1850 \times 2 \times 6' \text{ wide}/9 = 2467 \text{ S.Y.}$

Prime Coat

$1850 \times 28/9 = 5755 \text{ S.Y.}$

Area Reflective Crack Control Treatment 5755 S.Y.

Bituminous Concrete Surface Course, Mixture C, Class I, Type 2

$5755 \times 2 \frac{1}{4}" \text{ ave.} \times 112/2000 = 725 \text{ Tons}$

**PUBLIC EQUIPMENT RENTAL
VILLAGE OF CHATHAM
1997 MOTOR FUEL TAX PROGRAM**

Description	Rate (\$/hr)
Motor Grader (30,000 lbs., 85 Hp)	40.33
Mower Riding (36")	2.48
Mower Riding (40")	2.92
Mower (9' Cutter Bar)	3.40
Sewer Cleaner (Jet) (500 Gallon Tank)	6.00
Snow Plow (Grader Mounted) (8' Blade)	14.65
Snow Plow (Truck Mounted)	8.50
Broom (Spreader) (6')	4.74
Spreader (Truck Mounted)	2.88
Truck (Dump Bed) (4.5 C.Y.)	16.43
Truck (Dump Bed) (5 C.Y.)	17.75
Roller (20 Hp)	14.59
Tractor (Farm Type) (25 Hp)	6.30
Street Sweeper	47.90
Loader-Backhoe (65 Hp)	22.17
Loader-Backhoe (80 Hp)	27.88
Loader (20 Hp) (1.25 C.Y.)	4.68



The services to be performed by the engineer, pertaining to the various items of work included in the estimated cost of maintenance operations (BLR 8202 or 8205), shall consist of the following:

PRELIMINARY ENGINEERING shall include:

Investigation of the condition of the streets or highways for determination (in consultation with the local highway authority) of the maintenance operations to be included in the maintenance program; preparation of the maintenance resolution, estimate and proposal; attendance at meetings of the governing body as may reasonably be required; attendance at public letting; preparation of the contract or acceptance of proposal forms; and the preparation of the maintenance expenditure statement.

ENGINEERING INSPECTION shall include:

Furnishing the engineering field inspection (including preparation of payment estimates and/or checking material invoices) of those maintenance operations requiring professional on-site inspection, as opposed to those ordinary operations such as street sweeping, snow removal, tree trimming, crack filling, cleaning ditches and culverts, etc., which typically require no professional inspection.

For furnishing preliminary engineering, the engineer will be paid a base fee PLUS a negotiated fee percentage. For furnishing engineering inspection the engineer will be paid a negotiated fee percentage. The negotiated preliminary engineering fee percentage for each group shown in the "Schedule of Fees" shall be applied to the total estimated costs of that group. The negotiated fee for engineering inspection for each group shall be applied to the total final cost of that group for the items which required engineering. (See reverse side for additional instructions). In no case shall this be construed to include supervision of contractor operations.

SCHEDULE OF FEES

BASE FEE					
Programs of \$15,000 or Less Negotiated (\$1,000 Maximum)		Over \$15,000 \$1,000			
		PLUS			
Group	Preliminary Engineering		Engineering Inspection		Operation to be Inspected, Etc.
	Acceptable Fee %	Negotiated Fee %	Acceptable Fee %	Negotiated Fee %	
I	NA	NA	NA	NA	NA
II	2 %	1.5%	NA	NA	NA
III	4 %	4.0%	4 %		
IV	5 %		6 %		

SIGNATURES

BY: _____
Local Agency Official

Village President

Title

Date

Greene & Bradford, Inc.

Consulting Engineer

By: _____
(P.E. Seal)

Date



Group	Typical Operation Within Group
I	Non engineering items, materials or services purchased without a proposal, i.e. electrical energy, expendable small tools.
II	Routine day labor maintenance items, i.e. street sweeping, tree trimming or removal, mowing, ice and snow control, cleaning ditches, brush removal, traffic signal maintenance, lighting maintenance and purchases by a proposal of materials not directly incorporated into the work. Items requiring minimum preliminary engineering and no engineering inspection.
III	Day labor maintenance items requiring material proposal. Items furnished and spread or delivered to jobsite by material suppliers. Items requiring preliminary engineering and/or engineering inspection.
IV	Contract maintenance items performed by contractors. Items requiring preliminary engineering and/or engineering inspection.

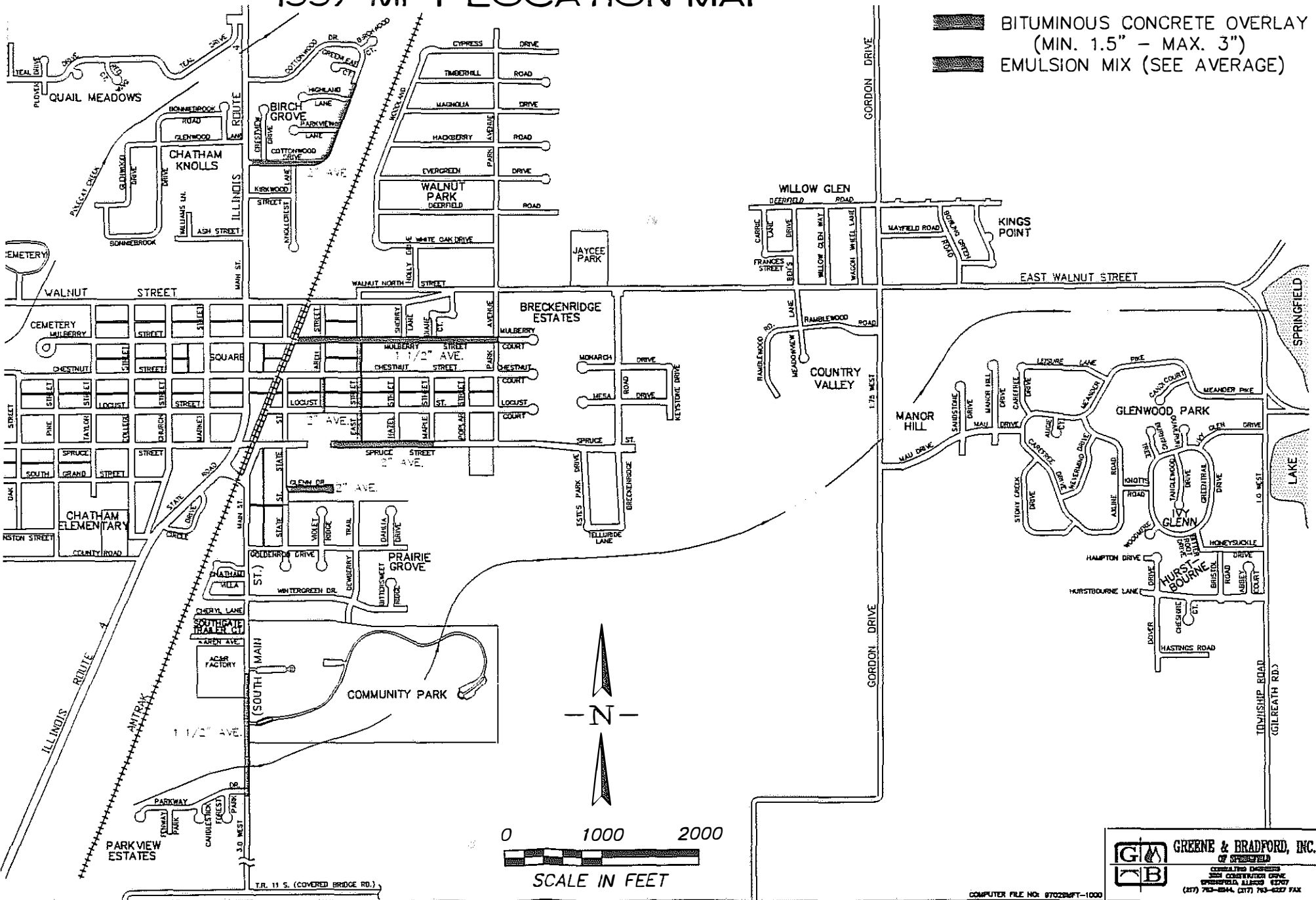
Notes:

- (1) The negotiated fee shall not exceed the acceptable fee percentage for each group and shall be negotiated based on the level of complexity involved.
- (2) PRELIMINARY ENGINEERING: The negotiated fee for each group shall be applied to the total estimated costs of those items in that group (excluding engineering cost).
- (3) ENGINEERING INSPECTION: To compute the estimated cost, the negotiated fee for each group shall be applied to the total estimated cost of those items in that group to be inspected. The actual fee paid shall be based on the final costs of those items in that group given field inspection by the Engineer.
- (4) Payment for maintenance engineering may be arranged.:
 - (a) On the basis of base fees plus percentage fees not to exceed the fees listed, or
 - * (b) On the basis of the actual costs of services plus a specified percentage for overhead, or
 - * (c) On the basis of a lump sum fee.
 - * If method (b) or (c) is employed, the total engineering cost shall not be greater than the amount determined under method (a).
- (5) Ten percent of the total fee is to be withheld until such time as the expenditure statement is submitted and the final cost of inspected items is known.
- (6) Each maintenance operation shown on the "Estimate of Maintenance Costs" shall show the applicable engineering Group (I to IV) for which the operation applies.
- (7) Base fee applies only to preliminary engineering.

VILLAGE OF CHATHAM 1997 MFT LOCATION MAP

LEGEND

-  BITUMINOUS CONCRETE OVERLAY
(MIN. 1.5" - MAX. 3")
-  EMULSION MIX (SEE AVERAGE)



GREENE & BRADFORD, INC.
OF SPRINGFIELD

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3000 CONSTRUCTION DRIVE
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