



RESOLUTION 8-95

BE IT RESOVLED, by the President and Board of Trustees of the (Council or President and Board of Trustees)

Village of Chatham (City, Town or Village) (Name)

appropriated the sum of \$ 140,000.00 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, 19 95 to December 31, 19 95.

BE IT FURTHER RESOLVED, that only those streets, highways, and operations as listed and described on the approved Municipal Estimate of Maintenance 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 Clerk 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.

I, Mr. Penny Moomey, Clerk in and for the Village (City, Town or Village)

of Chatham, County of Sangamon

hereby certify the foregoing to be a true, perfect and complete copy of a resolution, adopted by the President and Board of Trustees at a meeting on February 28, 1995 (Council or President and Board of Trustees)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 28th day of February, A.D. 19 95.

(SEAL) Penny Moomey Village Clerk (City, Town or Village)

APPROVED Department of Transportation 19 District Engineer

**Illinois Department  
of Transportation**

**Municipal Estimate of  
Maintenance Costs**

Period from January 1, 1995 to December 31, 1995

Municipality Chatham

Maintenance Operation (No.-Description-Total Quantity)	Estimated Operations					Operation Cost
	Material, Equipment or Labor					
	Item and Specification Reference	Quantity	Unit	Unit Cost	Amount	
1. Blade Patch (Group III)	Emulsion Mix Special	887	Tons	29.00	25723.00	
	Bituminous Patch Mix Pre-Mix	150	Tons	36.00	5400.00	
	Labor (Public)				2500.00	
	Equipment (Public)				3500.00	37123.00
2. Seal Coat (Group III)	Bituminous Materials (Seal Coat) (AC 2.5) (Applied)	18975	Gals.	1.10	20872.50	
	Alternate					
	Wet Bottom Boiler Slag	633	Tons	30.00	18990.00	
	Alternate					
	Seal Coat Aggregate (Applied) (CA 16 or CM 15) (Crushed Stone)	791	Tons	24.00	18984.00	
	Labor (Public)				500.00	
	Equipment (Public)				500.00	
	Alternate					40862.50
3. Winter Maintenance (Group II)	Rock Salt	40	Tons	32.00	1280.00	
	Labor (Public)				3000.00	
	Equipment (Public)				5000.00	9280.00
4. Rock Alleys (Group II)	Surface Course Aggregate (CA 6) Stockpiled	700	Tons	9.00	6300.00	
	Labor (Public)				2000.00	
	Equipment (Public)				4000.00	12300.00
5. Ditch Work (Group II)	Labor (Public)				5000.00	
	Equipment (Public)				10000.00	15000.00

Total Estimated Maintenance Cost

Submitted 28 February, 1995 Approved \_\_\_\_\_, 19\_\_

By Linda A. Hester President

Municipal Official

Title

District Engineer

Submit Four (4) Copies to District Engineer



**Illinois Department  
of Transportation**

**Municipal Maintenance  
Operations**

Location			Surface			Maintenance Operation		
Street	From	To	Exist. Type	Length (L.F.)	Width (L.F.)	No	Description	Quantity (SQ. YDS.)
Arch Street	Locust Street	Walnut Street	Bit.	921	20	1	Emulsion Mix	2047
Chestnut Street	Main Street	Park Avenue	Bit.	1990	20	1	Emulsion Mix	4422
Diane Drive	Mulberry Street	Walnut Street	Bit.	545	20	1	Emulsion Mix	1211
East Street	Spruce Street	Walnut North Street	Bit.	1296	20	1	Emulsion Mix	2880
Hazel Street	Spruce Street	Chestnut Street	Bit.	600	20	1	Emulsion Mix	1333
Locust Street	State Street	Park Avenue	Bit.	1840	20	1	Emulsion Mix	4089
Maple Street	Spruce Street	Locust Street	Bit.	600	20	1	Emulsion Mix	1333
Mulberry Street	State Street	Park Avenue	Bit.	2272	20	1	Emulsion Mix	5049
Mulberry Street	Main Street	State Street	Bit.	320	47	1	Emulsion Mix	1671
Poplar Street	Spruce Street	Chestnut Street	Bit.	600	20	1	Emulsion Mix	1333
Sherry Lane	Mulberry Street	Walnut Street	Bit.	360	20	1	Emulsion Mix	800
Spruce Street	East Street	Park Avenue	Bit.	1200	20	1	Emulsion Mix	2667
Spruce Street	Main Street	East End	Bit.	600	20	1	Emulsion Mix	1333
State Street	Goldenrod Drive	Chestnut Street	Bit.	1637	20	1	Emulsion Mix	3638
								<b>33,807</b>
Bonniebrook	Glenwood (East)	Glenwood (West)	Bit.	2954	20	2	Seal Coat	6564
Buckingham	County Road	Churchill	Bit.	2057	20	2	Seal Coat	4571
Chestnut	Oak Street	Church Street	Bit.	1280	20	2	Seal Coat	2844
Churchill	South Grand	Buckingham	Bit.	415	20	2	Seal Coat	922
College Street	School	Walnut Street	Bit.	1650	20	2	Seal Coat	3667
Glenwood Lane	Main Street	West End	Bit.	2040	20	2	Seal Coat	4533
Knollcrest	Cottonwood	South End	Bit.	845	20	2	Seal Coat	1878
Locust Street	Oak Street	Market Street	Bit.	1600	20	2	Seal Coat	3556
Market Street	Locust Street	Chestnut street	Bit.	300	20	2	Seal Coat	667
Mulberry Street	West End	IL Route 4	Bit.	2145	20	2	Seal Coat	4767
Nottingham	County Road	Buckingham	Bit.	1243	20	2	Seal Coat	2762
Oak Street	Winston Street	Chestnut Street	Bit.	1350	20	2	Seal Coat	3000
Oxford Drive	Downing Drive	Walnut Street	Bit.	1820	20	2	Seal Coat	4044
Pine Street	County Road	Chestnut Street	Bit.	1600	20	2	Seal Coat	3556
South Grand Street	Churchill	Church Street	Bit.	1921	20	2	Seal Coat	4269
Spruce Street	Oak Street	Main Street	Bit.	2350	20	2	Seal Coat	5222
Taylor Street	South End	Walnut Street	Bit.	1650	20	2	Seal Coat	3667
Westminister	County Road	Buckingham	Bit.	1243	20	2	Seal Coat	2762
								<b>63,251</b>

Submit Four (4) Copies to District Engineer

## **Operation #1: Blade Patch**

Emulsion Mix Special

33,807 Sq. Yds. x 105 lbs./Sq. Yd./1" thickness x 0.5" x 1 ton/2000 lbs = 887 Ton:

## **Operation #2: Seal Coat**

Bituminous Materials (AC 2.5) (Seal Coat)

63,251 Sq. Yds. x 0.30 Gallons/Sq. Yd = 18975 Gallons

**Alternate #1:**

63,251 Sq. Yds. x 20 Lbs./Sq. Yd. x 1 Ton/2000 Lbs. = 633 Tons

**Alternate #2:**

Seal Coat Aggregate (CA 16 or CM 15)

63,251 Sq. Yds. x 25 Lbs./Sq. Yd. x 1 Ton/2000 Lbs. = 791 Tons

**PUBLIC EQUIPMENT RENTAL  
VILLAGE OF CHATHAM  
1995 MOTOR FUEL TAX PROGRAM**

Motor Grader (30,000 lbs., 85 Hp)	38.68
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)	13.90
Snow Plow (Truck Mounted)	8.50
Broom (Spreader) (6')	4.74
Spreader (Truck Mounted)	2.88
Truck (Dump Bed) (4.5 C.Y.)	15.16
Truck (Dump Bed) (5 C.Y.)	16.44
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.)	5.25



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 %	3.0%	4 %		
IV	5 %		6 %		

**SIGNATURES**

BY: \_\_\_\_\_  
Local Agency Official

\_\_\_\_\_  
**Greene & Bradford, Inc.**  
Consulting Engineer

\_\_\_\_\_  
**Village President**  
Title

By: \_\_\_\_\_  
(P.E.Seal)

\_\_\_\_\_  
Date

\_\_\_\_\_  
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	Rouline 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.