



Illinois Department of Transportation

**Resolution for Maintenance of Streets and Highways
By Municipality Under the Illinois Highway Code**

Resolution 04-94

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

Village of Chatham, Illinois, that there is hereby
(City, Town or Village) (Name)

appropriated the sum of \$ 150,000 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, 19 94 to December 31, 19 94.

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
Mrs. (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 22, 19 94.
(Council or President and Board of Trustees)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22nd day of February, A.D. 19 94.

(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, 1994 to December 31, 1994

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	
6. Rock Alleys (Group II)	Surface Course Aggregate (CA 6) Stockpiled	700	Tons	9.00	6300.00	
	Labor (Public)				1000.00	
	Equipment (Public)				2000.00	9300.00
7. Ditch Work (Group II)	Labor (Public)				3500.00	
	Equipment (Public)				5000.00	8500.00
8. Street Sweeping (Group II)	Labor (Public)				2500.00	
	Equipment (Public)				10000.00	12500.00
9. Mowing (Group II)	Labor (Public)				3000.00	
	Equipment (Public)				2000.00	5000.00
Preliminary Engineering						6001.19

Total Estimated Maintenance Cost

\$194,957.43

Submitted _____, 19__ Approved _____, 19__

By Linda Keister

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.)
Churchill Drive	County Road	Pheasant Run	Bit.	2000	20	1	Emulsion Mix	4444
Downing Drive	South Grand St.	Churchill Drive	Bit.	1000	20	1	Emulsion Mix	2222
Oak Drive	Winston Street	Locust Street	Bit.	1200	20	1	Emulsion Mix	2667
Pine Street	County Road	Chestnut Street	Bit.	1800	18	1	Emulsion Mix	3600
Taylor Street	School	South Grand	Bit.	150	18	1	Emulsion Mix	300
Taylor Street	Chestnut Street	Walnut Street	Bit.	700	18	1	Emulsion Mix	1400
South Grand Street	Churchill Drive	Church Street	Bit.	2000	18	1	Emulsion Mix	4000
Spruce Street	Church Street	Illinois Route 4	Bit.	600	18	1	Emulsion Mix	1200
Spruce Street	Main Street	State Street	Bit.	300	18	1	Emulsion Mix	600
Locust Street	College Street	Market Street	Bit.	700	18	1	Emulsion Mix	1400
Mulberry Street	Taylor Street	150' West	Bit.	150	18	1	Emulsion Mix	300
								22,133
Plover Drive	Teal Drive	North End	Bit.	250	22	2	Slurry Seal	611
Greentrail Drive	Ivy Glen Drive	Bitterroot Drive	Bit.	900	22	2	Slurry Seal	2200
Meander Pike	TR 1.0 W	Candi Court	Bit.	900	22	2	Slurry Seal	2200
Hackberry Road	Woodland Drive	Park Avenue	Bit.	1100	22	2	Slurry Seal	2689
								7,700
Winston Street	Downing Drive	Pine Street	Bit.	600	18	3	Seal Coat	1200
Downing Drive	South Grand St.	County Road	Bit.	800	20	3	Seal Coat	1778
Arch Street	Locust Street	Walnut Street	Bit.	1050	18	3	Seal Coat	2100
East Street	Spruce Street	Locust Street	Bit.	300	18	3	Seal Coat	600
East Street	Chestnut Street	Mulberry Street	Bit.	300	18	3	Seal Coat	600
Hazel Street	Spruce Street	Chestnut Street	Bit.	650	16	3	Seal Coat	1156
Maple Street	Spruce Street	Chestnut Street	Bit.	650	16	3	Seal Coat	1156
Poplar Street	Spruce Street	Chestnut Street	Bit.	650	16	3	Seal Coat	1156
Diane Drive	Mulberry Street	Walnut Street	Bit.	700	18	3	Seal Coat	1400
Walnut North Street	East Street	Walnut Street	Bit.	850	18	3	Seal Coat	1700
Park Ring Road	S. Main Street	South End	Bit.	3000	22	3	Seal Coat	7333
								20,178
S. Main Street	300' S. of Spruce	TR 11S (Covered Bridge Rd.)	Bit.	11400	22	4	Road Mix	27867
								27,867

Submit Four (4) Copies to District Engineer

Operation #1: Blade Patch

Emulsion Mix Special

22,133 Sq. Yds. x 105 lbs./Sq. Yd./1" thickness x 1.5" x 1 ton/2000 lbs = 1743 Tons

Operation #2: Slurry Seal

Slurry Seal

7,700 Sq. Yds.

Operation #3: Seal Coat

Bituminous Materials (AC 2.5)

20,178 Sq. Yds. x 0.25 Gallons/Sq. Yd. = 5045 Gallons

Seal Coat Aggregate (CA 16 or CM 15)

20,178 Sq. Yds. x 25 lbs./Sq. Yd. x 1 ton/2000 lbs. = 252 Tons'

Operation #4: Road Mix Materials

Bituminous Materials (HFE 300)

27,867 Sq. Yds. x 0.4 Gallons/Sq. Yd. = 11,147 Gallons

Aggregate Base Course, Type B (CA 7)

27,867 Sq. Yds. x 105 lbs./Sq. Yd./1" thickness x 4" x 1ton/2000 lbs = 5852 Tons

**PUBLIC EQUIPMENT RENTAL
VILLAGE OF CHATHAM
1994 MOTOR FUEL TAX PROGRAM**

Motor Grader (30,000 lbs., 85 Hp)	37.80
Mower Riding (36")	2.48
Mower Riding (40")	2.92
Mower (9" Cutter Ear)	3.40
Sewer Cleaner (Jet) (500 Gallon Tank)	6.00
Snow Plow (Grader Mounted) (8' Blade)	16.90
Snow Plow (Truck Mounted)	8.50
Broom (Spreader) (6')	4.74
Spreader (Truck Mounted)	3.00
Truck (Dump Bed) (4.5 C.Y.)	15.69
Truck (Dump Bed) (5 C.Y.)	17.00
Roller (20 Hp)	12.07
Tractor (Farm Type) (25 Hp)	3.52
Street Sweeper	47.35
Loader-Backhoe (65 Hp)	19.15
Loader-Backhoe (80 Hp)	25.15
Loader (20 Hp) (1.25 C.Y.)	7.15



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., 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 %	4 %		
IV	5 %	4 %	6 %		

SIGNATURES

BY: *Linda Krester*
Local Agency Official

Greene & Bradford, Inc.
Consulting Engineer

Village President
Title

By: *[Signature]*
(P.E. Seal)

2-22-94
Date

2-22-94
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 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.