

VILLAGE OF ORLAND PARK

**14700 Ravinia Avenue
Orland Park, IL 60462
www.orlandpark.org**

Resolution No: 1812

File Number: 2018-0756

**RESOLUTION FOR MAINTENANCE OF STREETS AND HIGHWAYS BY MUNICIPALITY
UNDER THE ILLINOIS HIGHWAY CODE**

VILLAGE OF ORLAND PARK

STATE OF ILLINOIS, COUNTIES OF COOK AND WILL



**Resolution for Maintenance
Under the Illinois Highway Code**



Resolution Number	Resolution Type	Section Number
1812	Original	19-00000-00-GM

BE IT RESOLVED, by the President and Board of Trustees of the Village of
Governing Body Type Local Public Agency Type
Orland Park Illinois that there is hereby appropriated the sum of _____
Name of Local Public Agency
Three Million Fifty Thousand Four Hundred Ninety Seven Dollars (\$3,050,497.00)
 of Motor Fuel Tax funds for the purpose of maintaining streets and highways under the applicable provisions of Illinois Highway Code from
01/01/19 to 12/31/19
Beginning Date Ending Date

BE IT FURTHER RESOLVED, that only those operations as listed and described on the approved 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 Village of Orland Park
Local Public Agency Type Name of Local Public Agency
 shall submit within three months after the end of the maintenance period as stated above, to the Department of Transportation, on forms available from the Department, a certified statement showing expenditures and the balances remaining in the funds authorized for expenditure by the Department under this appropriation, and

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I John C. Mehalek Village Clerk in and for said Village
Name of Clerk Local Public Agency Type Local Public Agency Type
 of Orland Park in the State of Illinois, and keeper of the records and files thereof, as
Name of Local Public Agency
 provided by statute, do hereby certify the foregoing to be a true, perfect and complete copy of a resolution adopted by the

President and Board of Trustees of Orland Park at a meeting held on 12/03/18
Governing Body Type Name of Local Public Agency Date
 IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ day of _____
Day Month, Year

(SEAL)

Clerk Signature

APPROVED

Regional Engineer
Department of Transportation

Date

Instructions for BLR 14220

This form shall be used when a Local Public Agency (LPA) wants to perform maintenance operations using Motor Fuel Tax (MFT) funds. Refer to Chapter 14 of the Bureau of Local Roads and Streets Manual (BLRS Manual) for more detailed information. This form is to be used by a Municipality or a County. Road Districts will use BLR 14221. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

When filling out this form electronically, once a field is initially completed, fields requiring the same information will be auto-populated.

Resolution Number	Insert the resolution number as assigned by the LPA, if applicable.
Resolution Type	From the drop down box, choose the type of resolution: -Original would be used when passing a resolution for the first time for this project. -Supplemental would be used when passing a resolution increasing appropriation above previously passed resolutions. -Amended would be used when a previously passed resolution is being amended.
Section Number	Insert the section number of the improvement covered by the resolution.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council or President and Board of Trustees for a City, Village or Town.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Resolution Amount	Insert the dollar value of the resolution for maintenance to be paid for with MFT funds in words, followed by the same amount in numerical format in the ().
Beginning Date	Insert the beginning date of the maintenance period. Maintenance periods must be a 12 or 24 month consecutive period.
Ending Date	Insert the ending date of the maintenance period.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Name of Clerk	Insert the name of the LPA Clerk.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
LPA Type	From the drop down box choose the LPA body type; County, City, Town or Village.
Name of LPA	Insert the name of the LPA.
Governing Body Type	From the drop down box choose the type of administrative body. Choose Board for County; Council or President and Board of Trustees for a City, Village or Town.
Name of LPA	Insert the name of the LPA.
Date	Insert the date of the meeting.
Day	Insert the day the Clerk signed the document.
Month, Year	Insert the month and year of the clerk's signature.
Clerk Signature	Clerk shall sign here.
Approved	The Department of Transportation representative shall sign and date here upon approval.

A minimum of four(4) certified signed originals must be submitted to the Regional Engineer's District office.

Following the Regional Engineer's approval, distribution will be as follows:

- Local Public Agency Clerk
- Engineer (Municipal, Consultant or County)
- District Compliance Review
- District File

STATE OF ILLINOIS
MUNICIPAL ESTIMATE OF MAINTENANCE COSTS
Village of Orland Park
BLR 14231 Attachment

CY 2019 PROJECTIONS

MAINTENANCE/OPERATION	GROUP	INSP	QUANTITY	LABOR	MATERIAL	EQUIPMENT	TOTALS
1. Pavement Maintenance	IIA	N		\$ 195,698		\$ 135,326	\$ 331,024
2. Storm Sewer Maintenance & Repair	IIA	N		\$ 20,326		\$ 20,426	\$ 40,752
3. Storm Sewer & Ditch Cleaning	IIA	N		\$ 16,072		\$ 15,641	\$ 31,713
4. Sidewalk & Curb Maintenance	IIA	N		\$ 304,419		\$ 156,927	\$ 461,346
5. Street Lighting Maintenance	IIA	N		\$ 184,826		\$ 207,046	\$ 391,872
6. Street Lighting & Traffic Signal - Energy	I	N	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000
7. Traffic Control	IIA	N		\$ 11,345		\$ 3,768	\$ 15,113
8. Traffic & Street Signs	IIA	N		\$ 71,141		\$ 64,072	\$ 135,213
9. Pavement Marking	IIA	N		\$ 4,414		\$ 1,350	\$ 5,764
10. Tree Trimming & Removal	IIA	N		\$ 352,871		\$ 213,647	\$ 566,518
11. Snow & Ice Control - Removal	IIA	N		\$ 330,643		\$ 184,964	\$ 515,607
12. State Salt Purchase	I	N	\$ 5,000	\$ -	\$ 217,050	\$ -	\$ 217,050
13. Median Maintenance	IIA	N		\$ 64,880		\$ 32,185	\$ 97,065
14. R.O.W. Mowing	IIB	N	\$ 46,700	\$ -	\$ -	\$ -	\$ 46,700
15. Street Sweeping	IIA	N		\$ 19,381		\$ 25,379	\$ 44,760
TOTAL MAINTENANCE COSTS				\$ 1,576,016	\$ 217,050	\$ 1,060,731	\$ 3,050,497

**STATE OF ILLINOIS
MUNICIPAL ESTIMATE OF MAINTENANCE COSTS**

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Pavement Maintenance	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	621.00	\$ 37.69	\$ 23,405.49
Truck - Dump, On Hwy LNT 8000	621.00	\$ 51.00	\$ 31,671.00
Trailer - Flatbed (20 ton)	621.00	\$ 11.09	\$ 6,886.89
Roller - Vibratory (18HP)	1,035.00	\$ 10.92	\$ 11,302.20
Trailer - Flatbed (5 ton)	621.00	\$ 8.09	\$ 5,023.89
Saw - Concrete (37 HP)	621.00	\$ 15.14	\$ 9,401.94
Tractor Loader - Backhoe (108 HP)	828.00	\$ 57.53	\$ 47,634.84
Labor - Regular	4,140.00	\$ 47.27	\$ 195,697.80
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 331,024

Storm Sewer Repair	Hours	Cost/Hr	Total
Compressor - Air (185 c.f.m.)	60.00	\$ 13.66	\$ 819.60
Saw - Concrete (37 HP)	60.00	\$ 15.14	\$ 908.40
Truck - 4x4 Pick-up	430.00	\$ 12.91	\$ 5,551.30
Sewer Equipment - Vactor (1,000 gal.)	220.00	\$ 51.10	\$ 11,242.00
Tractor Loader - Backhoe (108 HP)	20.00	\$ 57.53	\$ 1,150.60
Truck - Dump, On Hwy (STERLING L7501)	20.00	\$ 37.69	\$ 753.80
Labor - Regular	430.00	\$ 47.27	\$ 20,326.10
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 40,752

Sewer/Ditch Cleaning	Hours	Cost/Hr	Total
Sewer Equipment - Vactor (1,000 gal.)	85.00	\$ 51.10	\$ 4,344.00
Truck - Dump, On Hwy (STERLING L7501)	170.00	\$ 37.69	\$ 6,407.00
Tractor Loader - Backhoe (108 HP)	85.00	\$ 57.53	\$ 4,890.00
Labor - Regular	340.00	\$ 47.27	\$ 16,072.00
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 31,713

Sidewalk/Curb Maintenance	Hours	Cost/Hr	Total
Saw - Concrete (18 HP)	1,610.00	\$ 8.43	\$ 13,572.30
Compressor - Air (185 c.f.m.)	1,610.00	\$ 13.66	\$ 21,992.60
Truck - Dump, On Hwy (STERLING L7501)	3,220.00	\$ 37.69	\$ 121,361.80
Labor - Regular	6,440.00	\$ 47.27	\$ 304,418.80
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 461,346

Traffic Signal/Streetlight Maintenance	Hours	Cost/Hr	Total
Truck-Aerial Bucket (55')	3,714.50	\$ 55.74	\$ 207,046.00
Labor - Regular	3,910.00	\$ 47.27	\$ 184,826.00
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 391,872

Energy - Street & Traffic Lights	Hours	Cost/Hr	Total
Commonwealth Edison			\$ 150,000

Traffic Control	Hours	Cost/Hr	Total
Arrow Board	240.00	\$ 2.79	\$ 669.60
Truck - 4x4 Pick-up	240.00	\$ 12.91	\$ 3,098.40
Labor - Regular	240.00	\$ 47.27	\$ 11,344.80
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 15,113

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Traffic/Street Signs	Hours	Cost/Hr	Total
Truck-Aerial Bucket (50')	1,350.00	\$ 47.38	\$ 63,963.00
Digger - Post Hole	80.00	\$ 1.36	\$ 108.80
Labor - Regular	1,490.00	\$ 47.27	\$ 70,432.30
Labor - Overtime	10.00	\$ 70.91	\$ 709.10
SUBTOTAL			\$ 135,213

Pavement Marking	Hours	Cost/Hr	Total
Truck - 4x4 Pick-up	90.00	\$ 12.91	\$ 1,161.90
Pavement Marker (Walk Behind)	67.50	\$ 2.79	\$ 188.33
Labor - Regular	93.38	\$ 47.27	\$ 4,414.07
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 5,764

Tree Trimming/Removal	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	746.00	\$ 37.69	\$ 28,116.74
Brush Chipper (115 HP)	3,730.00	\$ 26.05	\$ 97,166.50
Tub Grinder (Rental)	0.00		\$ -
Truck-Aerial Bucket (50')	1,865.00	\$ 47.38	\$ 88,363.70
Labor - Regular	7,450.00	\$ 47.27	\$ 352,161.50
Labor - Overtime	10.00	\$ 70.91	\$ 709.10
SUBTOTAL			\$ 566,518

Snow & Ice Control	Hours	Cost/Hr	Total
Truck - Dump, On Hwy LNT 8000	410.00	\$ 51.00	\$ 20,910.00
Truck - Dump, On Hwy (OSHKOSH MPT)	360.00	\$ 42.78	\$ 15,400.80
Truck - Dump, On Hwy (STERLING L7501)	1,540.00	\$ 37.69	\$ 58,042.60
Truck - Dump, On Hwy One ton	470.00	\$ 25.11	\$ 11,801.70
Truck - Dump, On Hwy LT 8500	160.00	\$ 54.54	\$ 8,726.40
Tractor Loader - Front End Loader (150 HP)	290.00	\$ 55.01	\$ 15,952.90
Spreader - Salt w/ Tailgate	2,010.00	\$ 4.08	\$ 8,200.80
Spreader - V-Box	930.00	\$ 8.02	\$ 7,458.60
Snow Plow - Reversible	2,580.00	\$ 12.91	\$ 33,307.80
Snow Plow - V-Plow	360.00	\$ 14.34	\$ 5,162.40
Labor Regular Time - Total	3,192.00	\$ 47.27	\$ 150,885.84
Labor Overtime - Total	2,535.00	\$ 70.91	\$ 179,756.85
SUBTOTAL			\$ 515,607

R.O.W. Maintenance/Median Maintenance	Hours	Cost/Hr	Total
Arrow Board	2,050.00	\$ 2.79	\$ 5,719.50
Truck - 4x4 Pick-up	2,050.00	\$ 12.91	\$ 26,465.50
Labor - Regular	2,050.00		\$ 64,880.00
Labor - Overtime	0.00		\$ -
SUBTOTAL			\$ 97,065

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R.O.W. Maintenance/Mowing	Hours	Cost/Hr	Total
Labor - Contractor/Privatized		\$ 46,700.00	\$ 46,700.00
SUBTOTAL			\$ 46,700

Street Sweeping	Hours	Cost/Hr	Total
Sweeper - Regenerative Air	410.00	\$ 61.90	\$ 25,379.00
Labor - Regular	410.00	\$ 47.27	\$ 19,380.70
Labor - Overtime	0.00	\$ 70.91	\$ -
SUBTOTAL			\$ 44,760



12/31/19

Maintenance Operation (No. and Description)	Maint. Eng. Group	Insp. Req.	For Group I, IIA, IIB or III					Est Total Operation Cost
			Item	Unit	Quantity	Unit Price	Item Cost	
1. Pavement Maintenance	IIA	N	Labor & Equip. (See At					\$331,024.00
2. Storm Sewer Repair	IIA	N	Labor & Equip. (See At					\$40,752.00
3. Storm Sewer and Ditch Clea	IIA	N	Labor & Equip. (See At					\$31,713.00
4. Sidewalk Maintenance	IIA	N	Labor & Equip. (See At					\$461,346.00
5. Street Light Maintenance	IIA	N	Labor & Equip. (See At					\$391,872.00
6. Street Light - Energy Charge	I	N	Electrical Energy Char					\$150,000.00
7. Traffic Control	IIA	N	Labor & Equip. (See At					\$15,113.00
8. Traffic / Street Signs	IIA	N	Labor & Equip. (See At					\$135,213.00
9. Pavement Marking	IIA	N	Labor & Equip. (See At					\$5,764.00
10. Tree Trimming and Remova	IIA	N	Labor & Equip. (See At					\$566,518.00
11. Snow/Ice Control - Snowplo	IIA	N	Labor & Equip. (See At					\$515,607.00
12. Snow/Ice Control - Salt & D	I	N	Salt - State Purchase	Ton	5,000	\$43.41	\$217,050.00	\$217,050.00
13. Median Maintenance	IIA	N	Labor & Equip. (See At					\$97,065.00
14. R.O.W. Mowing	IIB	N	Labor & Equip. (See At					\$46,700.00
15. Street Sweeping	IIA	N	Labor & Equip. (See At					\$44,760.00
Add Row	Total Estimated Maintenance Operation Cost							\$3,050,497.00

Preliminary Engineering	
Engineering Inspection	
Material Testing	
Advertising	
Bridge Inspections	
Total Estimated Maintenance Engineering Cost	

	Estimated Cost	MFT Portion	Other Funds
Maint Oper	\$3,050,497.00		
Maint Eng			
Totals	\$3,050,497.00		
Total Estimated Maintenance Cost			\$3,050,497.00

Village Clerk

Instructions for BLR 14231

This form shall be used when a Municipality wants to expend funds for a maintenance period. The maintenance estimate must include all operations to be funded with Motor Fuel Tax (MFT) funds. If operations are added during the maintenance period, a revised or supplemental estimate is required. All estimates of maintenance costs must be submitted to the district for approval prior to incurring any expenses. The amount of MFT funds expended on items covered in the estimate is limited to the amount of MFT funds appropriated in the maintenance resolution. IF rental equipment is included in the estimate, BLR 12110 must also be completed and submitted.

For additional information refer to the Bureau of Local Roads and Streets Manual (BLRS), Chapter 14. For signature requirements refer to Chapter 2, Section 3.05(b) of the BLRS Manual.

Submittal Type From the drop down, choose Original (being submitted for the first time), Revised (revising a previously approved submittal), or Supplemental (addition to estimate(s) already approved).

Local Public Agency Insert the name of the municipality.

County Insert the name of the County in which the municipality is located.

Maintenance Period

Beginning Insert the beginning date of the maintenance period. This must be 12 or 24 consecutive months. The dates must match those on the resolution.

Ending Insert the ending date of the maintenance period, following the above guidelines.

Estimated Cost of Maintenance Operations

To aid in determining quantities for maintenance operations, the LPA may develop their own spreadsheet containing the following information. IDOT does not provide a form for this purpose.

Location			Surface			Maintenance Operation			
Street/Road	From	To	Existing Type	Length	Width	No.	Description	Unit	Quantity

Maintenance Operations List each maintenance operations with a consecutive operation number. If an operation is not listed MFT funds cannot be expended for that operation.

Maint. Engineering Group From the drop down, select the group number that applies to the maintenance operation to be performed. All maintenance operations shall require one of the following group designations.

1. **Group I.** Services purchased without a proposal such as electrical energy or materials purchased from Central Management Services' Joint Purchasing Program (www.purchase.state.il.us) or another joint purchasing program that has been approved by the District BLRS or Central BLRS.
2. **Group II-A.** Routine maintenance or maintenance items that do not require competitive sealed bids according to section 12-1.02(a) or local ordinance/resolution.
3. **Group II-B.** Routine maintenance items that require competitive sealed bids according to Section 12-1.02(a) or a local ordinance/resolution. Routine maintenance includes all items in the following work categories: snow removal, street sweeping, lighting and traffic signal maintenance, cleaning ditches or drainage structures, tree trimming or removal, mowing, crack sealing, pavement marking, shoulder maintenance, limited amounts of CC&G repair, scour mitigation, pavement patching and minor drainage repairs.
4. **Group III.** Maintenance items that are not covered by Group I or IIB and require competitive bidding with a material proposal or a delivery and install proposal.
5. **Group IV.** Maintenance items that are not covered by Group I or IIB and require competitive bidding with a contract proposal.

Insp Req. From the drop down, select 'Y' if the operation being performed requires an engineering inspection or 'N' if the operation does not need an engineering inspection.

Item For Groups I, IIA, IIB (not performed by a formal contract), and III type operations list each item to be used in this maintenance operation. For Group IIB items being done by a formal contract and Group IV items list "by contract".

Unit For Groups I, IIA, IIB (not performed by a formal contract), and III insert the unit of measure for each listed item.

Quantity For Groups I, IIA, IIB (not performed by a formal contract), and III insert the estimated quantity for each listed item.

Unit Price For Groups I, IIA, IIB (not performed by a formal contract), and III insert the estimated unit price for each listed item.

Item Cost This is a calculated field, no entry is necessary. It calculates the quantity times the unit price.

Est. Total Operation Cost For each operation listed, insert the total estimated cost of that operation.

Total Estimated Maintenance Operation Cost This is a calculated field, no entry is necessary. It sums all the maintenance operations listed.

Estimated Cost of Maintenance Engineering

Preliminary Engineering	Insert the estimated cost for preliminary engineering. This will be calculated based on the maintenance engineering agreement.
Engineering Inspection	Insert the estimated cost of engineering inspection. This will be calculated based on the maintenance engineering agreement.
Material Testing	Insert the estimated cost of material testing, if applicable.
Advertising	Insert the estimated cost of advertising, if applicable.
Bridge Inspections	Insert the estimated cost of bridge inspections, if applicable. This will be calculated based on the engineering agreement.
Total Estimated Maintenance Engineering Costs	This is a calculated field, no entry is necessary. It sums all the maintenance engineering costs listed.

Maintenance Program Estimated Costs

Estimated Costs	For maintenance, insert the total estimated maintenance operation costs. For Maintenance Engineering, this will be automatically inserted based on the estimated engineering costs from the maintenance engineering table. The totals will automatically calculate.
MFT Portion	For each type insert the MFT funds estimated to be used for that type. The totals will automatically calculate.
Other Funds	For each type insert the amount of other funds estimated to be used for that type. The totals will automatically calculate.
Totals	This is a calculate field, no entry is necessary. It sums the total for estimated cost, MFT portion and other funds.
Submitted	The proper municipal official shall insert their title and date here.
Approved	Upon approval the Regional Engineer shall sign and date here.

A minimum of four (4) signed originals must be submitted to the Regional Engineer's District office.

Following the Regional Engineer's approval, distribution will be as follows:

Municipal Clerk
Engineer (Municipal or Consultant)
District Compliance Review
District File

VILLAGE OF ORLAND PARK

Resolution No: 1812

RESOLUTION FOR MAINTENANCE OF STREETS AND HIGHWAYS BY MUNICIPALITY
UNDER THE ILLINOIS HIGHWAY CODE

PASSED this 3rd day of December, 2018

/s/ John C. Mehalek

John C. Mehalek, Village Clerk

Aye: 7 Trustee Fenton, Trustee Dodge, Trustee Gira, Trustee Griffin Ruzich, Trustee Calandriello,
Trustee Carroll, and Village President Pekau

Nay: 0

DEPOSITED in my office this 3rd day of December, 2018

/s/ John C. Mehalek

John C. Mehalek, Village Clerk

APPROVED this 3rd day of December, 2018

/s/ Keith Pekau

Keith Pekau, Village President