



***The Town of Leesburg***  
**INTEROFFICE MEMORANDUM**  
**DEPARTMENT OF PUBLIC WORKS**

TO: John Wells, Town Manager

FROM: Thomas A. Mason, P.E., Director of Public Works

DATE: August 2, 2013

RE: FY2014 Annual Program for Street Milling, Resurfacing, Concrete Repairs and Handicap Ramp Installations

Each year, the Town contracts for resurfacing with asphaltic concrete, a portion of the streets in its transportation system. The purpose of resurfacing the streets is to provide a new wearing surface to protect our investment in the infrastructure already in place, by limiting deterioration due to oxidation and exposure to weather and wear, and to add to the strength of the pavement section.

The key to realizing savings in road repair costs is timely maintenance. By following a regular schedule of resurfacing, streets do not deteriorate to the point that costly reconstruction is the only remedy.

Since 1992, the Federal Government and the Virginia Department of Transportation (VDOT) required a system for allocating funds for pavement maintenance, which eliminated political consideration and personal preference to ensure that funds were applied and appropriately spent. In response, the Town implemented an automated pavement management system. This system determines the priority for required maintenance based on data relative to the type of street, traffic volume and condition of the pavement. The condition of the pavement is determined by a detailed nineteen point physical inspection.

The Town Council authorized for FY2014 a road maintenance program which provides a comprehensive approach to street maintenance and includes allowances totaling \$750,000.00 for street resurfacing and pavement milling, \$104,500.00 for concrete repairs, and \$30,000.00 for handicap ramp installation.

The Virginia Department of Transportation (VDOT), for the first time, included maintenance activities such as street repaving and bridge repair as eligible for revenue sharing funds. The Town applied for \$500,000 for street milling and paving and will receive \$154,761 for FY2014. These funds will be used as part of the \$750,000 for street resurfacing and pavement milling. This will save the General Fund \$154,761. We plan to apply for more revenue sharing funds for road maintenance for the FY2015 budget.

Based on the most current assessment of the condition of Town streets, staff recommends the following for maintenance under the FY2014 program:

<u>Name of Street and Limits</u>	<u>Estimated Milling Cost</u>	<u>Estimated Paving Cost</u>	<u>Estimated Total Cost</u>	<u>PCI 2013</u>	<u>PCI 2012</u>
1. Sycolin Road (East Market St. to dead-end)	\$ 3,423.00	\$ 17,760.00	\$ 21,183.00	49	50
2. Church St. (East Market St. to Parking Garage)	\$ 750.00	\$ 4,000.00	\$ 4,750.00	49	51

FY2014 Annual Program for Street Milling

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<u>Name of Street and Limits</u>	<u>Estimated Milling Cost</u>	<u>Estimated Paving Cost</u>	<u>Estimated Total Cost</u>	<u>PCI</u>	
				<u>2013</u>	<u>2012</u>
3. Potomac Station Dr. (Rivercreek Pkwy. to Saddleback Pl.)	\$ 9,522.00	\$ 48,944.00	\$ 58,466.00	50	51
4. Chadfield Way (Battlefield Pkwy. to Whitney Pl.)	\$ 1,650.00	\$ 8,800.00	\$ 10,450.00	52	53
5. Country Club Dr. (King St. to Governors Dr.)	\$ 8,601.00	\$ 42,400.00	\$ 51,001.00	53	54
6. Sycolin Rd. (Miller Dr. to SCL)	\$ 9,270.00	\$ 47,200.00	\$ 56,470.00	54	55
7. Edwards Ferry Rd. (Heritage Way To Cherry Ln. – WBL)	\$ 4,634.00	\$ 23,200.00	\$ 27,834.00	54	55
8. Amber Ct. (Stoneledge Pl. to cul-de-sac)	\$ 1,727.00	\$ 9,600.00	\$ 11,327.00	55	56
9. Chancellor St. (Country Club Dr. to cul-de-sac)	\$ 7,263.00	\$ 36,000.00	\$ 43,263.00	55	56
10. North St. (Plaza St. to Cherry Ln.)	\$ 3,147.00	\$ 16,000.00	\$ 19,147.00	55	56
11. Clagett St. (500 Blk.of cul-de-sac to Periwinkle Way)	\$ 4,535.00	\$ 24,000.00	\$ 28,535.00	55	57
12. E. Market St. (Harrison St. to Loudoun St.)	\$ 2,607.00	\$ 13,200.00	\$ 15,807.00	56	57
13. Prospect Dr. (102 Belmont Dr. to 120 Belmont Dr.)	\$ 7,467.00	\$ 37,600.00	\$ 45,067.00	56	57
14. Harrison St. (Nansemond St. to Gateway Dr.)	\$ 5,279.00	\$ 26,400.00	\$ 31,679.00	56	57
15. Greenway Dr. (King St. to Sheridan Way)	\$ 9,131.00	\$ 46,000.00	\$ 55,131.00	56	57
16. Battlefield Pkwy-NBL (Edwards Ferry Rd. to Tennessee Dr.)	\$ 10,868.00	\$ 54,400.00	\$ 65,268.00	56	57
17. Dry Mill Rd. (Lee Ave. to Catoctin Cir.)	\$ 5,501.00	\$ 28,000.00	\$ 33,501.00	56	58
18. Battlefield Pkwy. (Smartts Ln to Hunton Pl. SBL)	\$ 9,095.00	\$ 44,800.00	\$ 53,895.00	56	59
19. East Market St. (Church St. to Harrison St.)	\$ 2,514.00	\$ 12,800.00	\$ 15,314.00	57	58
20. York Ln. (Rock Bridge Dr. to cul-de-sac)	\$ 3,488.00	\$ 17,600.00	\$ 21,088.00	57	58
21. Edwards Ferry Rd. (East Market St to Harrison St.)	\$ 3,021.00	\$ 16,000.00	\$ 19,021.00	57	59
22. Harrison St. (Catoctin Cir. to Shenandoah St.)	\$ 6,735.00	\$ 33,600.00	\$ 40,335.00	58	59
23. Harrison St. (Shenandoah St. to Nansemond St.)	\$ 3,468.00	\$ 18,000.00	\$ 21,468.00	58	63
<b>Estimated Total Costs</b>	<b>\$123,696.00</b>	<b>\$626,304.00</b>	<b>\$750,000.00</b>		
<b>Concrete Repairs Costs and Handicap Ramp Installation Costs</b>			<b>\$134,500.00</b>		
<b>TOTAL COSTS</b>			<b>\$884,500.00</b>		

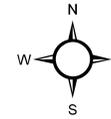
**A map is attached showing the location of the streets listed above.**

Based on the data provided by the automated pavement management system and analysis of the data by staff, the following streets, which are listed in their current order of need for maintenance, should be resurfaced if additional funds are available under the FY2014 program.

<u>Name of Street and Limits</u>	<u>Estimated Cost</u>	<u>PCI</u>	
		<u>2013</u>	<u>2012</u>
1. Cardinal Park Dr. (Rt. 7 to cul-de-sac)	\$ 51,710.00	55	55
2. Cherry Ln. (Edwards Ferry Rd. to dead-end)	\$ 57,834.00	58	61
3. Oakview Dr. (Rock Bridge Dr. to cul-de-sac)	\$ 29,687.00	58	59
4. Catocin Cir. (W. Market St. to Foxridge Dr.)	\$ 48,795.00	58	59
5. Woodlea Dr. (ECL to Mead Dr.)	\$ 26,293.00	58	58
6. Bradfield Dr. (Country Club Dr. to cart path)	\$ 80,233.00	58	59
7. Royal St. (Liberty St. to South King St.)	\$ 16,400.00	59	59

We recommend that you forward to the Town Council approval of the street listed above for pavement milling, resurfacing, handicap ramp installations and concrete repairs in the FY2014 Road Maintenance Program.

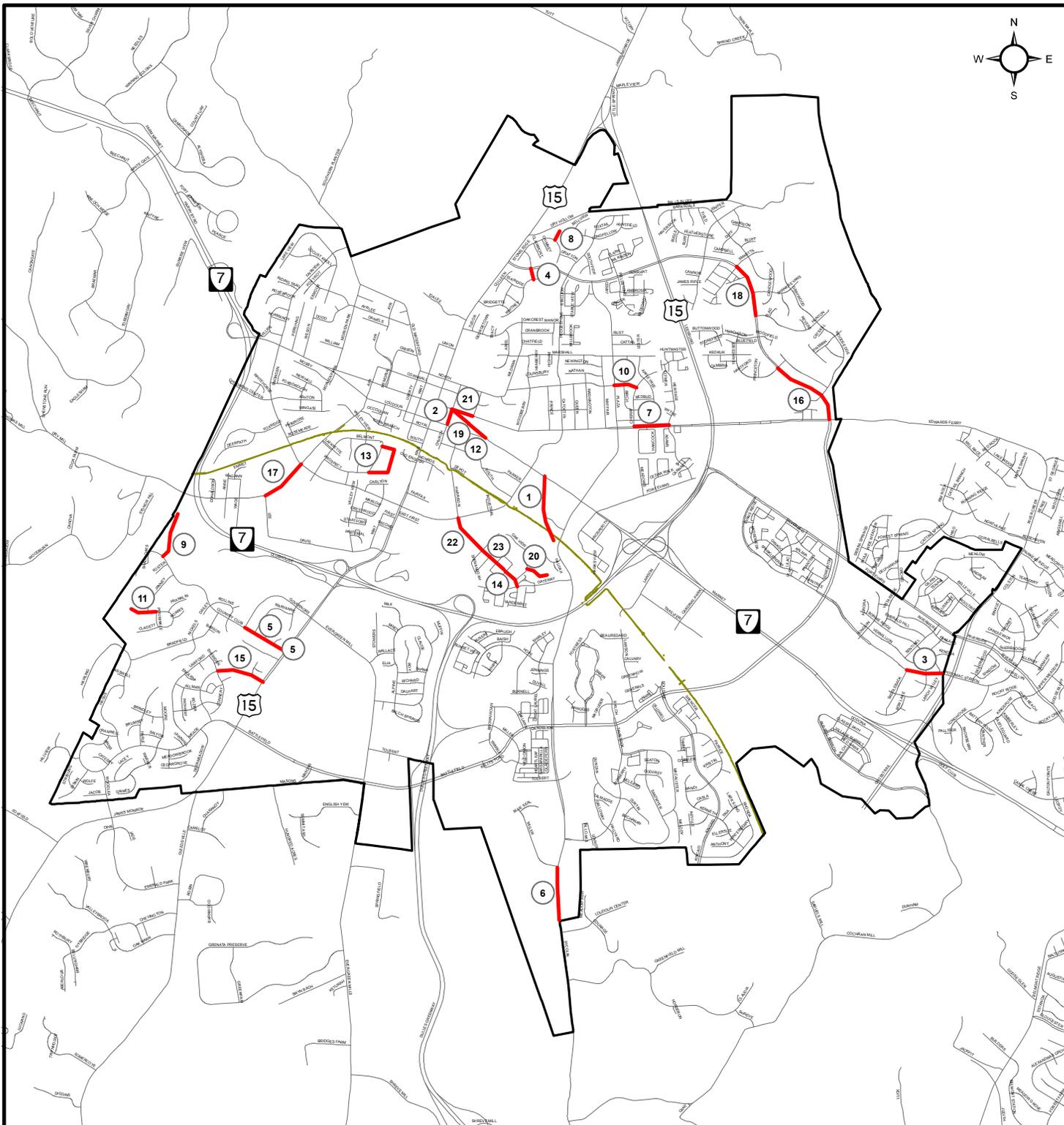
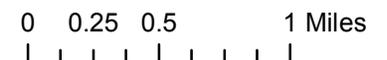
# Town of Leesburg Milling and Paving Fiscal Year 2014



- 1) Sycolin Rd (E Market St to dead-end)
- 2) Church St (E Market St to Parking Garage)
- 3) Potomac Station Dr (Rivercreek Pkwy to Saddleback Pl)
- 4) Chadfield Wy (Battlefield Pkwy to Whitney Pl)
- 5) Country Club Dr (King St to Governors Dr)
- 6) Sycolin Rd (Miller Dr to SCL)
- 7) Edwards Ferry Rd (Heritage Wy to Cherry La, WBL)
- 8) Amber Ct (Stoneledge Pl to cul-de-sac)
- 9) Chancellor St (Country Club Dr to cul-de-sac)
- 10) North St (Plaza St to Cherry La)
- 11) Clagett St (500 Block to cul-de-sac)
- 12) E Market St (Harrison St to Loudoun St)
- 13) Prospect Dr (102 Belmont Dr to 120 Belmont Dr)
- 14) Harrison St (Nansemond St to Gateway Dr)
- 15) Greenway Dr (King St to Sheridan Wy)
- 16) Battlefield Pkwy (Edwards Ferry Rd to Tennessee Dr, NBL)
- 17) Dry Mill Rd (Lee Av to Catocin Cir)
- 18) Battlefield Pkwy (Smartts La to Hunton Pl, SBL)
- 19) E Market St (Church St to Harrison St)
- 20) York La (Rock Bridge Dr to cul-de-sac)
- 21) Edwards Ferry Rd (E Market St to Harrison St)
- 22) Harrison St (Catocin Cir to Shenandoah St)
- 23) Harrison St (Shenandoah St to Nansemond St)

## Legend

-  Town Limit Line
-  W&OD Trail
-  Roads



PRESENTED: August 13, 2013

RESOLUTION NO. 2013-\_\_\_\_\_

ADOPTED: \_\_\_\_\_

A RESOLUTION: FY2014 ANNUAL PROGRAM FOR STREET MILLING, RESURFACING,  
CONCRETE REPAIRS AND HANDICAP RAMP INSTALLATIONS

WHEREAS, the FY2014 budget appropriated \$884,500 for street milling, resurfacing,  
concrete repairs, and handicap ramp installations; and

WHEREAS, the Director of Public Works has recommended the following streets be  
included in the FY2014 Annual Street Resurfacing Program:

1. Sycolin Road (East Market St. to dead-end)
2. Church St. (East Market St. to Parking Garage)
3. Potomac Station Dr. (Rivercreek Pkwy. to Saddleback Pl.)
4. Chadfield Way (Battlefield Pkwy. to Whitney Pl.)
5. Country Club Dr. (King St. to Governors Dr.)
6. Sycolin Rd. (Miller Dr. to SCL)
7. Edwards Ferry Rd. (Heritage Way to Cherry Ln. – WBL)
8. Amber Ct. (Stoneledge Pl. to cul-de-sac)
9. Chancellor St. (Country Club Dr. to cul-de-sac)
10. North St. (Plaza St. to Cherry Ln.)
11. Clagett St. (500 Blk. of cul-de-sac to Periwinkle Way)
12. E. Market St. (Harrison St. to Loudoun St.)
13. Prospect Dr. (102 Belmont Dr. to 120 Belmont Dr.)
14. Harrison St. (Nansemond St. to Gateway Dr.)
15. Greenway Dr. (King St. to Sheridan Way)
16. Battlefield Pkwy-NBL (Edwards Ferry Rd. to Tennessee Dr.)
17. Dry Mill Rd. (Lee Ave. to Catoctin Cir.)
18. Battlefield Pkwy. (Smartts Ln. to Hunton Pl. SBL)
19. East Market St. (Church St. to Harrison St.)
20. York Ln. (Rock Bridge Dr. to cul-de-sac)
21. Edwards Ferry Rd. (East Market St. to Harrison St.)
22. Harrison St. (Catoctin Cir. to Shenandoah St.)
23. Harrison St. (Shenandoah St. to Nansemond St.)

WHEREAS, if funding is available the following streets shall also be included in the FY2014  
Street Resurfacing Program:

1. Cardinal Park Dr. (Rt. 7 to cul-de-sac)
2. Cherry Ln. (Edwards Ferry Rd. to dead-end)
3. Oakview Dr. (Rock Bridge Dr. to cul-de-sac)

A RESOLUTION: FY2014 ANNUAL PROGRAM FOR STREET MILLING, RESURFACING,  
CONCRETE REPAIRS AND HANDICAP RAMP INSTALLATIONS

4. Catoctin Cir. (W. Market St. to Foxridge Dr.)
5. Woodlea Dr. (ECL to Mead Dr.)
6. Bradfield Dr. (Country Club Dr. to cart path)
7. Royal St. (Liberty St. to South King St.)

THEREFORE, RESOLVED by the Council of the Town of Leesburg in Virginia that the  
FY2014 Street Resurfacing Program, in the priority listed, is approved.

PASSED this 13<sup>th</sup> day of August, 2013.

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Kristen C. Umstattd, Mayor  
Town of Leesburg

ATTEST:

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Clerk of Council