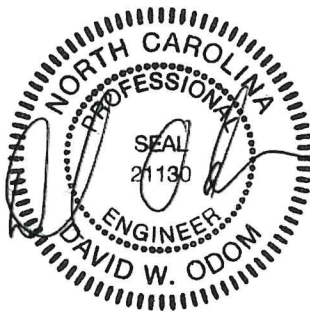


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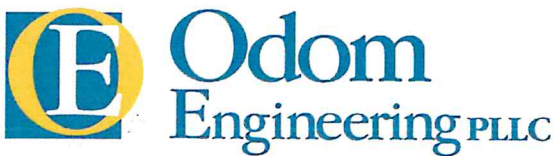
Prepared by
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169 Oak Street
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Town of Boiling Springs
FY 2022
Pavement Condition Assessment Report

Revised 6/2/22



6/2/22



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I. Introduction

Odom Engineering, PLLC was retained by the Town of Boiling Springs to perform a pavement condition survey of the Town's street system in 2022 (FY2022). The purpose of this report is to develop a long-term street assessment tool to assist the Town of Boiling Springs in scheduling the paving sequence of town maintained streets. Additionally, the ranking system included within this report establishes a baseline for street condition assessment that can be utilized for various town rehabilitation and improvement projects. The data within this report also serves as supportive documentation for the Powell Bill Program.

The pavement condition survey was conducted in 2022 and includes 22 miles of roadway. The Town of Boiling Springs receives a total of \$138,000 annually from the Powell Bill funding program. Each year, the Town allocates approximately \$110,400 for resurfacing streets, \$22,000 for sidewalk improvements, and \$5,600 for patching & draining projects.

II. Powell Bill Program

General Statutes 136-41.1 through General Statutes 136.41.4 require the North Carolina Department of Transportation to annually appropriate out of Highway Fund, two allocations each fiscal year to all active and qualifying municipalities. Eligible cities and towns are annually appropriated out of the State Highway Fund. The funds shall be allocated on or before October 1 and January 1 each year to allow for sufficient time for verification of information. These funds are to be expended primarily for the resurfacing of streets within the corporate limits of the municipality.

The total amount allocated is seventy-five percent (75%) on the basis of relative population and twenty-five percent (25%) on the basis of relative non-State System local street mileage.

Powell Bill funds are distributed to cities and towns to assist them in maintaining, constructing, reconstructing, repairing and improving streets or public thoroughfares, bikeways, greenways, and sidewalks within their corporate limits (G.S. 136.41.1 through G.S. 136.41.4).

Compliance

Each municipality receiving a Powell Bill allocation is required to keep a separate record of detailed accounts with all receipts and expenditures of the funds. Municipalities are also required to submit a financial statement to the Department of Transportation at the end of each year.

Recent Powell Bill expenditure guidance states that each municipality should spend 80% of allocated funds on street resurfacing.

III. Pavement Condition Assessment

Methodology

The pavement condition was assessed by observing all town streets during a field surveying. A complete inventory of the streets and corresponding mileages was obtained from the 2021 Powell Bill Map. The

field survey was conducted by meticulously evaluating all streets and noting the existing surface distress. The evaluation was performed by one individual to eliminate potential differences in the assessment.

Data Collection

Data was collected by evaluating each street and recording observations. The data was used to develop a 5-point ranking system to categorize the pavement's condition based on the level of distress present. Factors that determine street condition include the presence of longitudinal, alligator, and transverse cracking; potholes, weathering and raveling; depressions, bumps and sags; shoulder drop-off, the condition of subsurface drainage systems, visible runoff, and the texture of surface course material. The ranking system is a key part of the street assessment tool used to determining street priority for pavement improvement projects.

Observations

Based on observation the following ranks were determined:

RANK 1

A street in this rank is in very good condition and requires little to no maintenance, has no longitudinal cracking, and subsurface drainage systems are in good working condition. The street is either newly constructed or has had a recent application of sealcoat. Transverse cracks may be present occasionally if they are widely spaced; providing at least 40 feet between cracks.

RANK 2

Rank 2 is a street in good condition that displays the first signs of aging. A street in this condition shows very little surface raveling but does show some traffic wear. Transverse cracks may be present with a depth measuring less than ¼ inch deep and spaced no less than 10 feet apart. The recommendation for pavement in this condition is to maintain the street with routine crack filling and/or surface sealing to prevent further deterioration.

RANK 3

Rank 3 describes a street in fair condition; this street exhibits significant aging and the need for strengthening is apparent. Pavement in fair condition displays both longitudinal and transverse cracking with moderate raveling. Streets in this condition would benefit from milling and restoration or asphalt overlay. Asphalt patching, hot crack filling, and slurry re-surfacing may also be viable restoration options. This is recommended as a minimum treatment.

RANK 4

Streets classified as Rank 4 are in poor condition and have occasional potholes in the pavement, as well as very poor drainage. The pavement is unable to shed water in this condition. Streets in poor condition require patching and major overlay or complete recycling. Milling, asphalt overlay, hot crack filling, or slurry resurfacing are recommended as a minimum treatment.

RANK 5

A street that is given Rank 5 is in very poor condition and severely deteriorated. A Rank 5 Street displays alligator cracking on more than 25% of the surface, and has severe distortions over 2 inches deep. Potholes and extensive patching with very poor to no drainage also meet the criteria for a street in very poor

condition. The pavement shows severe deterioration and reconstruction with extensive base repair is recommended.

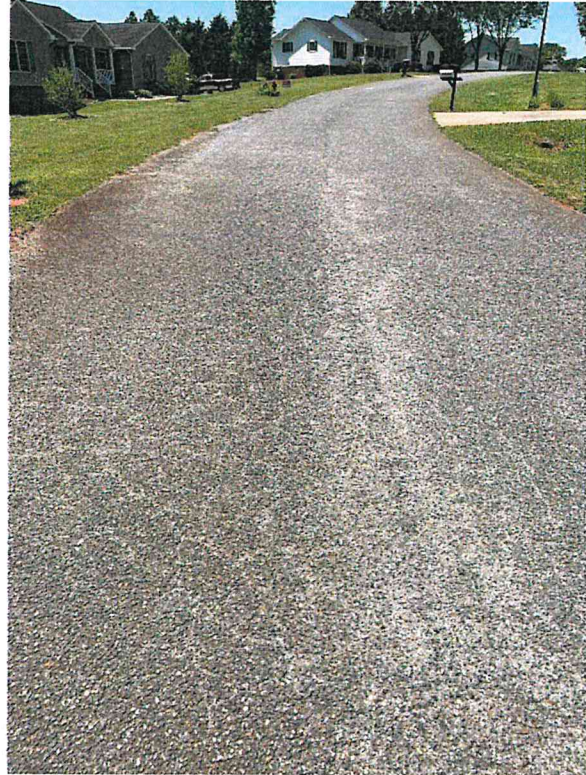
Table 1: Pavement Condition Ranking System

RANK	OBSERVATION	GENERAL CONDITION
1 - VERY GOOD	No longitudinal cracks except reflection of paving joints. Occasional transverse cracks, widely spaced (40' or greater).	New construction or recent sealcoat. Good surface condition with excellent drainage.
2 - GOOD	Very little surface raveling, surface shows some traffic wear. Transverse cracks (open < 1/4") spaced 10 feet or more apart. Little or slight crack raveling. Fairly good drainage system.	First signs of aging.
3 - FAIR	Increased surface raveling with multiple longitudinal & transverse cracks. Slight rutting or distortions 1/2" deep or less. Cracking or irregular surfaces associated with utilities in road areas.	Significant aging and first sign of need for strengthening.
4 - POOR	Pavement would benefit from milling and restoration or asphalt overlay; hot crack filling and slurry re-surfacing; or asphalt patching at a minimum.	Patches in fair to poor condition. Moderate rutting or distortion. Occasional potholes. Pavement has poor drainage and is unable to shed water.
5 - VERY POOR	Alligator cracking (greater than 25% of surface). Severe distortions (over 2" deep). Extensive patching in poor condition. Potholes. Poor or no drainage works.	Severe deterioration.

Examples:

Examples of each condition rank found in Boiling Springs can be found on the following page.

RANK 5 – Wichita Dr. Observations



Images taken in 2022 on Wichita Dr.

Wichita Drive has been categorized as Rank 5 due to its severe deterioration. Block cracking, surface raveling, and edge deterioration was observed during street survey. The images above display alligator cracking, potholes with slurry, and new potholes were found on this street. Wichita Drive is a top priority for 2022 resurfacing projects. While this streets had a slurry applied to it a few years ago in an attempt to repair some of the potholes, the desired outcome was not achieved.

RANK 4 – Dehart Drive Observations



Images taken in 2022 on Dehart Dr.

Dehart Drive is categorized as Rank 4 and resurfacing for this street will be prioritized in 2022. The main area of concern is the main entry off Main Street. Irregular surface drainage conditions, and cracking noted.

RANK 3 – Beason St Observations



Images taken in 2022 of Beason St

Beason St will be prioritized for resurfacing in 2022. This street is Rank 3 and shows signs of raveling, cracking, and settlement. This street shows significant aging and requires strengthening.

RANK 2 – Dellwood Drive



Image taken on Dellwood Dr. in 2022

Dellwood Drive is beginning to show the first signs of aging with minor cracking.

RANK 1 – Poston Cir



Image taken on Poston Cir. in 2022

Poston Cir. is in good condition with excellent drainage.

Final Street Assessment Tool

The ranking system was then used to create the final street assessment tool and cost estimate. The street assessment spreadsheet combines the condition rank from the 5-point ranking system and the frequency of use to prioritize each street based on a total. The spreadsheet also includes the street mileage (sourced from the 2021 Powell Bill Map) and price per mile.

The “Frequency of Use” data column is based on the type of street, the location of the street, and how often travelers utilize the street. Generally, if the street is a small cul-de-sac within a subdivision, the frequency of use is assumed to be low. Main streets within subdivisions were given a higher rating, as they are used by only a select number of travelers a few times daily. The frequency of usage for each street may correlate with the condition. If the street is in a central location, such as near the college campus, and in poor condition, we can assume that this street has a very high frequency of use.

The “Priority Rank” is a summation of the condition rank and the frequency of use. The projects within the next five years have been sorted by priority rank.

The “Resurfacing Year” has been determined by pavement condition rank and frequency of use for the streets to be resurfaced within the next five years (2022-2026).

IV. Analysis of Results

The data from the street survey, as well as additional information such as mileage, was used to create an assessment tool. The assessment tool has been utilized to create a paving plan for the next five years based on necessity and location to efficiently maintain and repair streets.

Most streets categorized as Rank 4 and Rank 5 are prioritized for resurfacing in the first five years. Some Rank 3 streets are also included in the 5-year pavement plan. All streets in the five-year plan were prioritized by condition rank and frequency of use. The remaining streets may be evaluated in the future and sorted by priority rank.

The street assessment tool is attached. This device can be revised as needed.

V. Summary of Recommendations

Recommendations include stormwater improvements, full-depth asphalt patching, and a one-inch overlay; depending on what each street needs. It is also recommended that the following streets be resurfaced within the next five years according to Odom Engineering, PLLC’s assessment:

- | | |
|------------------------|-----------------------|
| 1. Wichita Dr | 9. Hillside St. |
| 2. N. Lindsey Lee Lane | 10. Creekside Dr |
| 3. N Beason St. | 11. Hidden Creek dr. |
| 4. Belaire Cir | 12. Keystone Dr |
| 5. Hawk Ridge Rd | 13. Dehart Dr. |
| 6. Sycamore Lane | 14. Willow Creek Lane |
| 7. White Haven Ct | 15. Glenn Ave. |
| 8. Woodland Ave. | 16. Woodhill Dr. |

These streets will be prioritized for resurfacing in years 2022-2026. We will also do a full depth patch on Carter’s Grove in 2022 and a full depth patch on Kendallwood Dr. in 2024. The Town’s goal is to allocation \$110,400 per year for resurfacing projects, however this amount may differ.

FIVE YEAR PLAN TOTALS		
YEAR 1	2022	\$140,816.00
YEAR 2	2023	\$145,728.00
YEAR 3	2024	\$134,480.00
YEAR 4	2025	\$116,160.00
YEAR 5	2026	\$133,056.00
TOTAL		\$670,240.00

A complete summary of the 5-year paving plan can be reviewed in Appendix A of this report.

VI. Explanation of Cost Estimate

The cost estimate was established based on three components: stormwater improvements, full-depth patching, and a one-inch overlay. This street assessment report did not evaluate stormwater improvements for each street individually and recognizing that this condition will change frequently, an allowance was provided based upon the overall street length.

Experience has shown that an allowance of \$19,200 per mile is a reasonable average for stormwater improvements. The full-depth patch allowance has averaged approximately \$48,000 per mile over the last five resurfacing projects. Finally, a one-inch overlay has averaged \$144,000 per mile over the last five projects. The combination of the average of the three components gives us an annual allowance of \$211,200. This was factored into the paving report to create a priority list of streets that will be paved within the next five years.

GENERAL LOCATION	ROAD NAME	ROAD LENGTH (MI.)	CONDITION RANK	FREQUENCY OF USE	Priority Rank	COST (\$211,200 PER MILE)	RESURFACING YEAR
HOMESTEAD ACRES NORTH	Wichita Dr	0.2	5	2	7	\$50,000.00	2022
HOMESTEAD ACRES SOUTH	N. Lindsey Lee Ct	0.32	3	3	6	\$67,584.00	2022
GORDON AVE	N. Beason St	0.11	3	3	6	\$23,232.00	2022
TWIN LAKES	Belaire Cir	0.05	4	2	6	\$10,560.00	2023
TWIN LAKES	Hawk Ridge Road	0.16	4	2	6	\$33,792.00	2023
TWIN LAKES	Sycamore Lane	0.03	4	2	6	\$6,336.00	2023
TWIN LAKES	White Haven Ct	0.01	4	2	6	\$2,112.00	2023
CENTRAL	Woodland Ave	0.21	4	2	6	\$44,352.00	2023
FLINT HILL CHURCH	Hillside St	0.23	4	2	6	\$48,576.00	2023
CREEKSIDE	Creekside Dr	0.34	4	2	6	\$79,568.00	2024
CREEKSIDE	Hidden Creek Dr	0.16	4	2	6	\$33,792.00	2024
CREEKSIDE	Keystone Dr	0.1	4	2	6	\$21,120.00	2024
DEHART	Dehart Dr	0.46	4	1	5	\$97,152.00	2025
DEHART	Willow Creek Ln	0.09	4	1	5	\$19,008.00	2025
FLINT HILL CHURCH	Glenn Ave	0.09	4	1	5	\$19,008.00	2026
EAST COLLEGE	Woodhill Dr	0.54	3	2	5	\$114,048.00	2026

FIVE YEAR PLAN TOTALS		
YEAR 1	2022	\$140,816.00
YEAR 2	2023	\$145,728.00
YEAR 3	2024	\$134,480.00
YEAR 4	2025	\$116,160.00
YEAR 5	2026	\$133,056.00
TOTAL		\$670,240.00

Full Depth Patch for Carter's Grove Included with Wichita Dr.

Full Depth Patch for Kindlewood Included with Creekside

GENERAL LOCATION	ROAD NAME	ROAD LENGTH (MI.)	CONDITION RANK	FREQUENCY OF USE	Priority Rank	PAVEMENT VALUE	COST (\$211,200 PER MILE)	RESURFACING YEAR	COMMENTS
GORDON AVE AREA	Maple Ave	0.04	1	1	3	\$8,448.00		TBD	razed driveway.
SOUTH MAIN	Chesnut St	0.07	1	1	3	\$14,280.00		TBD	razed driveway.
HOMESTEAD ACRES NORTH	Whitla Dr	0.02	2	2	2	\$4,240.00		2022	Fair condition with cracking - would benefit from surface course
GORDON AVE	N. Linden Ave Ct	0.11	3	3	6	\$33,231.00		2022	Subsidence cracks in good condition. Occasional surface cracking
TWIN LAKES	Bellair Cir	0.05	4	4	6	\$10,560.00		2023	Minor surface cracking in cul-de-sac
TWIN LAKES	Hawk Ridge Road	0.16	4	4	6	\$33,792.00		2023	Minor surface cracking in cul-de-sac
TWIN LAKES	Sycamore Lane	0.03	4	4	6	\$6,336.00		2023	Minor surface cracking in cul-de-sac
TWIN LAKES	White Haven Ct	0.01	4	4	6	\$2,112.00		2023	OK
FLINT HILL CHURCH	Hillside St	0.23	4	4	6	\$48,576.00		2023	Good cond. Occasional cracking, one pothole area in center of street near Main St. connection
CENTRAL	Woodside Ave	0.31	2	2	6	\$44,351.00		2023	Cracking and irregular surfaces associated with utilities and manholes.
CERKESIDE	Cerulea Dr	0.34	4	4	6	\$71,908.00		2024	Areas inside curbs / 4 with cracking, leveling, settle and patches in various areas; Some areas good condition
CERKESIDE	Hidden Creek Dr	0.16	4	4	6	\$33,792.00		2024	Cracking, occasional poor areas.
CERKESIDE	Keystone Dr	0.1	4	4	6	\$21,120.00		2024	Cracking, occasional poor areas.
DEHART	Dehart Dr	0.46	4	4	5	\$97,151.00		2025	Minor cracking, leveling.
DEHART	Willow Creek Ln	0.09	4	4	5	\$19,008.00		2025	Surface cracking, leveling and settlement.
FLINT HILL CHURCH	Green Ave	0.09	4	4	5	\$19,008.00		2025	Good surface course asphalt with longitudinal cracking over sanitary sewer in center.
EAST COLLEGE	Woodhill Dr	0.54	4	4	5	\$114,040.00		2026	Good surface course asphalt with longitudinal cracking over sanitary sewer in center.
EAST HOMESTEAD	Lambton St	0.25	3	3	5	\$52,900.00		TBD	Edge cracking, surface cracking, settlement and utility areas, heavier surface raveling @ R227.
GORDON AVE	Edgewood St	0.11	3	3	5	\$33,231.00		TBD	Good asphalt aggregate surface with surface edge cracking in areas.
GORDON AVE AREA	Market Ave	0.06	4	4	5	\$12,672.00		TBD	Very Good to good condition, slightly rough surface course. Few cracks and occasional edge repair patches.
HAWK RIDGE	Keen Dr	0.42	2	2	5	\$88,704.00		TBD	Very Good to good condition, slightly rough surface course. Good condition, may be recent resurfacing.
HILLCREST	South Toney St	0.26	2	2	5	\$57,024.00		TBD	Good condition, may be recent resurfacing.
HILLCREST	Toney St	0.26	3	3	5	\$47,520.00		TBD	Good condition, may be recent resurfacing.
HILLCREST	Walton Ave - East	0.225	2	2	5	\$47,520.00		TBD	Cracking, settlement with patching in centerline, edge cracking in various areas.
HILLCREST	Wall Ave - West	0.225	3	3	5	\$33,231.00		2020	Subsidence associated with patching in centerline, edge cracking in various areas.
HOMESTEAD ACRES SOUTH	Green Ave	0.11	4	4	5	\$33,231.00		TBD	Cracking, settlement with patching in centerline, edge cracking in various areas.
NORTH MAIN	Benhal Ave	0.24	2	2	5	\$50,688.00		TBD	Cracking, settlement with patching in centerline, edge cracking in various areas.
SOUTH MAIN	E. Branch Ave	0.22	2	2	5	\$42,240.00		TBD	Cracking, settlement with patching in centerline, edge cracking in various areas.
SPRING FOREST	Spring Forest Dr	0.46	2	2	5	\$66,464.00		TBD	Cracking, settlement with patching in centerline, edge cracking in various areas.
WEST COLLEGE	Canfield St	0.12	4	4	5	\$37,151.00		TBD	Excellent condition with very good raveling.
WEST COLLEGE	Phonetic St	0.37	4	4	5	\$78,144.00		TBD	Good condition with very good raveling. Some areas cracking is wide, asphalt surface is course.
WEST LAKES	Arundel Dr	0.29	1	1	5	\$61,248.00		TBD	Conditions vary. Good condition, minor cracking and areas of patches heavy cracking and settlement.
SPRING FOREST	Carney Grove	0.09	3	3	4	\$27,660.00		TBD	Minor cracking and surface settlement. (1) surface irregularity at curb near R104. Good surface drainage
GORDON AVE	S. Basson St	0.11	2	2	4	\$33,231.00		TBD	Excellent condition, very good drainage.
ANNIES CIRCLE	Annies Cir Ct	0.5	2	2	4	\$105,600.00		TBD	Cracking, irregular surface and settlement.
BROOKVIEW	Brookview Dr	0.19	2	2	4	\$40,128.00		TBD	Subsidence associated with patching in centerline, edge cracking in various areas.
CENTRAL	Fairview St	0.23	2	2	4	\$58,576.00		TBD	Good condition. Few cracks and drainage issues.
CENTRAL	Hamrick Ave	0.22	2	2	4	\$46,464.00		2018	Cracking, settlement and edge cracking in 50%.
COLLEGE MANOR	College Manor	0.06	2	2	4	\$18,288.00		TBD	Cracking, settlement and edge cracking in 50%.
DEER RUN	Tillmore Dr	0.22	1	1	4	\$46,464.00		TBD	minor cracks, smooth asphalt surface, good comment.
DEER RUN	Whitethrill Dr	0.22	1	1	4	\$46,464.00		TBD	Fair condition with cracking, would benefit from surface course
EAST COLLEGE	Acacia St	0.08	1	1	4	\$16,896.00		TBD	Block cracking, larger surface cracks with weed intrusion in cracks.
EAST HOMESTEAD	Other Ave	0.15	3	3	4	\$31,680.00		2019	Asphalt turns into gravel. (2) road. Severe. Commercial tie-in for parking at Main St. Very poor
GORDON AVE	Howington St	0.18	1	1	4	\$38,016.00		TBD	rough asphalt aggregate surface with surface edge cracking in areas.
GORDON AVE	Meadowood	0.07	1	1	4	\$14,784.00		TBD	rough asphalt aggregate surface with surface edge cracking in areas.
GORDON AVE	Gordon Ave	0.45	2	2	4	\$95,040.00		TBD	Appears to be recently resurfaced. A few settlement and cracking issues around manholes in centerline areas.
GORDON AVE AREA	Falcon Cir	0.13	4	4	4	\$37,456.00		TBD	occasional cracking.
HAWK RIDGE	Feather Way Ln	0.05	4	4	4	\$10,560.00		TBD	Very Good to good condition, slightly rough surface course.
HIGHLAND PINES	Red Tail Ln	0.04	1	1	4	\$9,448.00		TBD	Very Good to good condition, slightly rough surface course.
HIGHLAND PINES	Benjamin Ct	0.17	2	2	4	\$35,904.00		TBD	Good condition
HIGHLAND PINES	Southern Pine Dr	0.25	2	2	4	\$52,800.00		TBD	Good condition
HILLCREST	Hilberts St	0.07	1	1	4	\$16,896.00		TBD	Good condition
HILLCREST	Maxwell Ave	0.07	1	1	4	\$16,896.00		TBD	Cracking, settlement associated with utilities. Appears to have reflective cracking
HILLCREST	North Toney St	0.31	2	2	4	\$54,472.00		TBD	Settlement over sanitary sewer, cracking at cul-de-sac. May be a recent re-pave with new problems.
HILLCREST	North Toney St	0.21	1	1	4	\$31,680.00		TBD	Good condition, slightly less than Toney St.
HOMESTEAD ACRES SOUTH	Crest Brook Cir	0.09	2	2	4	\$19,008.00		TBD	surface cracking, patches, weed intrusion at So. Toney St. Intersection.
HOMESTEAD ACRES SOUTH	Lara Lee Ln	0.21	2	2	4	\$38,016.00		TBD	Subdivision road in good condition. Occasional surface cracking.
HOMESTEAD ACRES SOUTH	Sr. Gregory Dr	0.417	2	2	4	\$89,070.40		TBD	Subdivision road in good condition. Occasional surface cracking.
HOMESTEAD ACRES SOUTH	Holland Dr	0.2	1	1	4	\$42,240.00		TBD	Settlement and raveling near entrance with cracking and poor drainage
NORTH MAIN	Aburn Dr	0.1	2	2	4	\$21,120.00		TBD	good cond.
SOUTH MAIN	Circle Dr	0.04	1	1	4	\$8,448.00		TBD	good cond. Course surface.
SOUTH MAIN	Pineblow Ave	0.45	1	1	4	\$95,040.00		TBD	good cond. Course surface.
SOUTH MAIN	Oak Ave	0.44	2	2	4	\$92,928.00		TBD	minor cracking. Good surface.
SOUTHWESTERN	Bay Ct	0.03	2	2	4	\$6,336.00		TBD	minor cracking. Good surface.
SOUTHWESTERN	Southern Dr	0.19	2	2	4	\$40,128.00		TBD	good cond.
SPRING FOREST	Balkmore Dr	0.21	1	1	4	\$44,351.00		TBD	Excellent condition, very good drainage.
SPRING FOREST	Kendallwood Dr	0.21	1	1	4	\$44,351.00		TBD	Excellent condition, very good drainage.
TWIN LAKES	Deer Run Cir	0.07	1	1	4	\$14,784.00		TBD	Cracking down centerline & cul-de-sac
TWIN LAKES	Parkwild Cir	0.02	1	1	4	\$4,240.00		TBD	Minor surface cracking in cul-de-sac
TWIN LAKES	Austin Dr	0.26	2	2	4	\$54,912.00		TBD	Minor perpendicular surface cracking.
ANNIES CIRCLE	Silverna Ct	0.08	2	2	4	\$16,896.00		TBD	Subsidence roads in good condition. Occasional surface cracking.
CENTRAL	Cove St	0.06	1	1	3	\$12,672.00		TBD	Good surface condition with drainage issue cracking at catch basin associated with Hamrick Ave.
COLLEGE MANOR	E. College Manor	0.03	2	2	3	\$6,336.00		TBD	minor cracks, smooth asphalt surface.
COLLEGE MANOR	N. College Manor	0.05	2	2	3	\$10,560.00		TBD	minor cracks, smooth asphalt surface.
COLLEGE MANOR	W. College Manor	0.04	2	2	3	\$8,448.00		TBD	minor cracks, smooth asphalt surface.
DEHART	Wayne Ct	0.04	1	1	3	\$8,448.00		2019	raveling, cracking & settlement.
EAST COLLEGE	Lymans St	0.11	2	2	3	\$23,232.00		TBD	good condition.
EAST HOMESTEAD	Ken Dewe's Rd	0.33	1	1	3	\$69,956.00		2021	Road has been treated with surface split seal course (Oil & Chalk) and has spall. Patches same.
HIGHLAND PINES	Blue Spruce Ct	0.07	2	2	3	\$14,784.00		TBD	same.
HIGHLAND PINES	Highland Pines Dr	0.25	1	1	3	\$52,800.00		TBD	Very good asphalt surface, few cracks mainly in cul-de-sac areas. Very good drainage system come curb and gutter.

GENERAL LOCATION	ROAD NAME	ROAD LENGTH (MI)	CONDITION RANK	FREQUENCY OF USE	Priority Rank	COST (\$211,200 PER MILE)	RESURFACING YEAR	COMMENTS
HIGHLAND PINES	Tall Pine Dr	0.09	2	1	3	\$19,009.00	TBD	same.
HILLCREST	Brooks Ave	0.08	2	1	3	\$16,999.00	TBD	Good condition, may be recent re-surfacing.
HILLCREST	Delwood Drive	0.41	2	1	3	\$66,599.00	TBD	Good condition, may be recent re-surfacing.
HOMESTEAD ACRES NORTH	Cheapsake Cir	0.02	1	2	3	\$4,224.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Chickasaw Dr	0.45	1	2	3	\$95,040.00	2022	Fully course asphalt surface with surface cracking. Would be greatly improved with new surface course.
HOMESTEAD ACRES NORTH	Eagle Spur Trail	0.11	1	2	3	\$33,232.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Santa Clara Dr	0.16	1	2	3	\$33,792.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Silver Ck Ln	0.35	1	2	3	\$73,970.00	2022	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES SOUTH	Alberville Ln	0.13	2	1	3	\$27,456.00	TBD	Subdivision roads in good condition. Occasional surface cracking.
HOMESTEAD ACRES SOUTH	Lemona Cr	0.15	2	1	3	\$31,860.00	TBD	Subdivision roads in good condition. Occasional surface cracking.
HUNTERS POINTE	Riverchase Dr	0.17	1	2	3	\$35,904.00	2018	Deep block cracking, settlement and surface ravelling.
MARCUS DRIVE	Avalon Cr	0.02	2	1	3	\$4,224.00	TBD	Subdivision roads in good condition. Occasional surface cracking.
MARCUS DRIVE	Marcus Dr	0.41	1	2	3	\$86,592.00	TBD	Subdivision roads in good condition. Occasional surface cracking.
PATRICK AVE	Victor Dr	0.32	2	1	3	\$67,984.00	TBD	Subdivision roads in good condition. Occasional surface cracking.
RAMSGATE	Ramsgate Dr	0.36	2	2	3	\$76,032.00	2019	Conditions vary. Cracking and areas with depressions or repair work.
SOUTH MAIN	Clinson St	0.11	2	1	3	\$23,232.00	TBD	Problem area at main entry off Main St. Dead end cul-de-sac.
SOUTHGLENN	Southglenn Dr	0.29	2	1	3	\$61,248.00	TBD	minor cracking, good surface.
TWIN LAKES	Twin Lake Dr	0.51	1	2	3	\$107,712.00	2021	Generally sound may have been recently resurfaced. Rough area at end near #102.
WEST COLLEGE	Willington St	0.07	3	1	3	\$14,784.00	TBD	minor cracking with rough asphalt surface.
WEST COLLEGE	Spring St	0.22	2	1	3	\$46,464.00	TBD	good condition with occasional cracking. Some areas cracking is wide, asphalt surface is course.
WEST LAKES	Payrida Cr	0.02	2	1	3	\$4,224.00	TBD	Very good no cracking.
WEST LAKES	Denali Cr	0.05	2	1	3	\$10,560.00	TBD	Tree root uplift east 1 st drive on left. Cracking at drive 1st on left. Cracking at entry of driveway @ #104.
WEST LAKES	Mildred Cr	0.03	2	1	3	\$6,336.00	TBD	Very good no cracking.
WEST LAKES	Robert Cr	0.06	2	1	3	\$12,672.00	TBD	OK
WEST COLLEGE	Memorial Dr	0.38	2	1	3	\$80,256.00	TBD	
WEST COLLEGE	Emily Ln	0.04	2	1	3	\$8,448.00	TBD	
WEST COLLEGE	Patton Cr	0.24	1	1	2	\$50,496.00	TBD	
HIGHLAND PINES	Rachel Cr	0.08	2	1	2	\$16,896.00	2019	surface is rough asphalt material, condition is sound.
HIGHLAND PINES	Comanche Dr	0.17	2	1	2	\$35,904.00	TBD	same.
HOMESTEAD ACRES NORTH	Santa Fe Trail	0.11	1	1	2	\$23,232.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Shamone Dr	0.05	1	1	2	\$10,560.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Shawnee Dr	0.13	1	1	2	\$27,456.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Shoak Dr	0.03	1	1	2	\$6,336.00	TBD	Fair condition with cracking - would benefit from surface course
HOMESTEAD ACRES NORTH	Fox Ridge Rd	0.13	1	1	2	\$27,456.00	2018	block cracking, ravelling.
HUNTERS POINTE	Point Crossing	0.15	1	1	2	\$31,680.00	2018	block cracking, ravelling.
HUNTERS POINTE	Pointing Pl	0.05	1	1	2	\$10,560.00	2018	cul-de-sac - cracking, settlement.
RAMSGATE	Betsy Cr	0.04	1	1	2	\$8,448.00	TBD	Heavy cracking in center section likely over sawer line installation, surface drainage (sheet flow).
EAST COLLEGE	Meadow Ave	0.06	1	1	1	\$9,720.00	TBD	gravel surface.
WEST COLLEGE	Town Commons	0.08	1	1	1	\$16,996.00	TBD	very good to good condition, new pavement at Town Hall. Good drainage.
TOTAL OF ALL PROJECTS						\$4,673,000.40		

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FY 2022

	STREET	LAST PAVED (YR)	NOTES
1	Brookview Dr	2003	
2	Spring Forest Dr	2007	
3	Kendallwood Dr	2007	
4	Carters Grove	2007	
5	Blakemore Dr	2007	
6	College Manor	2007	
7	Creekside Dr	2007	
8	Hidden Creek Dr	2007	
9	Keystone Dr	2007	
10	Victor Dr	2010	
11	Annie Cir / Crt	2010	
12	Maxwell Ave	2010	
13	Dellwood Drive	2010	
14	Toney St	2010	
15	Woodhill Dr	2010	slurry
16	Bay Ct	2010	
17	Silverina Crt	2010	
18	Southglenn Dr	2011	
19	Asburn Dr	2011	
20	Southglen Dr	2011	
21	Holland Dr	2011	
22	South Beason St	2012	
23	Patricia Crt	2012	
24	Austin Dr	2012	
25	Michael Crt	2012	
26	Dennis Crt	2012	
27	Aaron Dr	2012	
28	Robert Crt	2012	
29	Marcus Dr	2012	
30	Avalon Ct	2012	
31	Leanna Ct	2012	
32	Albertville Ln	2012	
33	Lara Lee Ln	2012	
34	Sir Gregory Dr	2012	
35	Highland Pines Dr	2012	
36	Rachel Ct	2012	
37	Southern Pine Dr	2012	
38	Blue Spruce Ct	2012	
39	Tall Pine Dr	2012	
40	Benjamin Ct	2013	
41	Brooks Ave	2013	
42	Bethel Ave	2013	
43	Lyman St	2013	
44	Oak Ave	2013	
45	Clinton St	2014	
46	Lawhon St	2014	

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FY 2022

	STREET	LAST PAVED (YR)	NOTES
47	Hillcrest St	2014	
48	Gordon Ave	2015	
49	Spring St	2015	
50	Town Commons	2015	
51	Fox Ridge Rd	2018	
52	Posting Pl.	2018	
53	Riverchase Dr	2018	
54	Point Crossing	2018	
55	Hamrick Ave	2018	
56	Ramsgate Dr	2018	
57	Wayne Ct	2019	
58	Poston Cir	2019	
59	Betty Crt	2019	
60	Twin Lake Dr	2020	
61	Lindsey Lee Ct	2021	
62	Seminole Dr	2022	
63	Shawnee Dr	2022	
64	Sioux Dr	2022	
65	Chickasaw Dr	2022	
66	Santa Clara Dr	2022	
67	Comanche Dr	2022	
68	Silver Ck Ln	2022	
69	Chesapeake Cir	2022	
70	Santa Fe Trail	2022	
71	Eagle Spur Trail	2022	
72	Belaire Cir	UNK	
73	Hawk Ridge Road	UNK	
74	White Haven Ct	UNK	
75	Parkwild Cir	UNK	
76	Deer Run Cir	UNK	
77	Sycamore Lane	UNK	
78	Oliver Ave	UNK	
79	Ken Dave's Rd	UNK	
80	Whitetail Dr	UNK	
81	Tallwood Dr	UNK	
82	Wichita Dr	UNK	
83	Meadowood	UNK	
84	Howington St	UNK	
85	Edgewood St	UNK	
86	Wall Ave - West	UNK	
87	Wall Ave - East	UNK	
88	South Toney St	UNK	
89	North Toney St	UNK	
90	Crest Brook Cir	UNK	
91	Woodland Ave	UNK	
92	Cove St	UNK	

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FY 2022

	STREET	LAST PAVED (YR)	<u>NOTES</u>
93	Fairview St	UNK	
94	Dehart Dr	UNK	
95	Willow Creek Ln	UNK	
96	Mack Ave	UNK	
97	Green Ave	UNK	
98	Wellington St	UNK	
99	W. College Manor	UNK	
100	E. College Manor	UNK	
101	N. College Manor	UNK	
102	Pinecrest St	UNK	
103	Cantrell St	UNK	
104	Falcon Cir	UNK	
105	E. Branch Ave	UNK	
106	Machon Ave	UNK	
107	Chestnut St	UNK	
108	Maple Ave	UNK	
109	Glenn Ave	UNK	
110	Pineland Ave	UNK	
111	Circle Dr	UNK	
112	Hillside St	UNK	
113	Keen Dr	UNK	
114	Red Tail Ln	UNK	
115	Feather Way Ln	UNK	
116	N. Beason St	UNK	