

RESOLUTION NO. 2022-61

A RESOLUTION ACCEPTING THE PAVEMENT INVENTORY AND MANAGEMENT REPORT FOR THE CITY OF BASEHOR'S COMPLETE STREET INVENTORY PROJECT

WHEREAS, the City of Basehor conducted a Citizen Satisfaction Survey in 2019 and improvements of streets was the 3rd highest priority for improvement; and

WHEREAS, in January of 2022, the Governing Body authorized a project to inventory all street conditions and GBA was selected at the engineering firm for that effort; and

WHEREAS, City staff and GBA presented the Pavement Inventory and Management Report to the Governing Body on October 12, 2022; and

WHEREAS, the Governing Body will continue discussions of the funding recommendations in the report and prioritization of roads; and

WHEREAS, wishes to accept the Pavement Inventory and Management Report for the Basehor Complete Street Inventory Project.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF BASEHOR, KANSAS:

Section 1. That the City of Basehor hereby accepts the Pavement Inventory and Management Report, attached hereto as Attachment A.

Section 2. That this resolution shall become effective upon passage.

ADOPTED by the Governing Body this 26th of October, 2022.

SIGNED by the Mayor this 26th of October, 2022.

SEAL


Dick Drennon, Mayor

ATTEST:

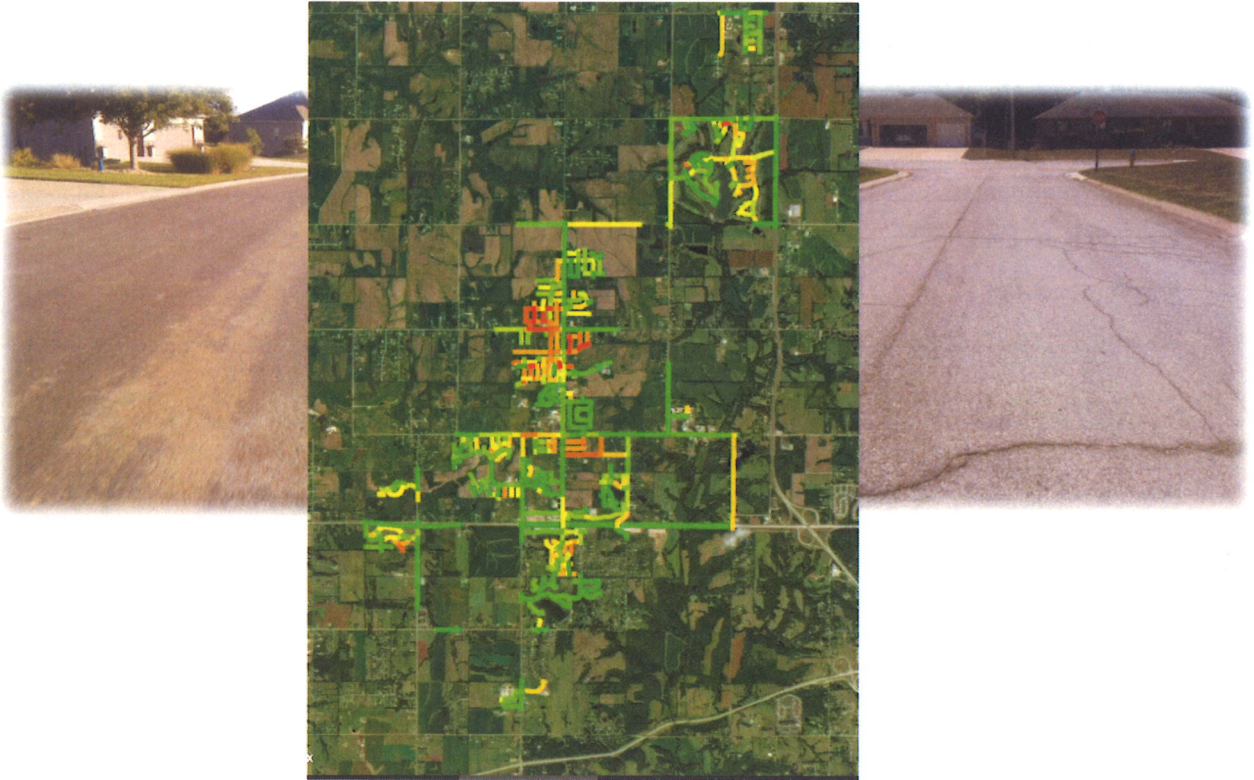

Katherine M. Renn, City Clerk

APPROVED AS TO FORM:


Michelle Daise, City Attorney



Pavement Inventory and Management Report 2022 Basehor, Kansas



Prepared by:

GBA

9801 Renner Blvd, Ste. 300
Lenexa, KS 66219
913.492.0400
GBAteam.com



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Introduction

In 2022, GBA, Inc. was selected by the City of Basehor, Kansas to initialize a pavement management program (PMP). PMPs are tools used to objectively make defensible data-driven decisions related to the improvement and preservation of a pavement network. Priorities and activities are recommended based on cost and service life added to the pavement. The city does not currently have a defined system of prioritizing street preservation activities.

In conjunction with initializing the PMP, GBA collected inventory of major items of infrastructure via high-resolution aerial imagery. These items included streets, curbs, ditches, streetlights, signs, sidewalks, and visible storm sewer facilities.

In addition to the inventory, a condition assessment of every segment of pavement in the city was completed via a vehicle mounted camera. The pavement imagery was submitted for analysis via a third-party's artificial intelligence (AI) algorithm to establish a pavement condition rating of the network's segments. The condition assessment did not include condition of non-pavement issues such as traffic, safety and road hazards, geometric issues, shoulders, sidewalks, curb and gutters, drainage issues, or geotechnical information.

A summary of the city's pavement inventory and condition is included within this report. Information about the types and conditions of the street network segments gives an objective status of one of the largest financial assets of the city. A major factor influencing the condition assessment of the network is the age and history of the pavement. This information was not comprehensively known for the network. Moving forward, this information would be valuable to document. Age and condition can be plotted to determine the rate of the city's specific pavement deterioration.

GBA created a preventive maintenance and rehabilitation decision tree with unit costs based on recent bid tabs. Additional costs associated with projects such as sidewalks, ADA ramps, curb & gutters, storm sewers, driveways, and other soft costs are estimated with contingencies built into the unit costs but were not individually quantified for each segment.

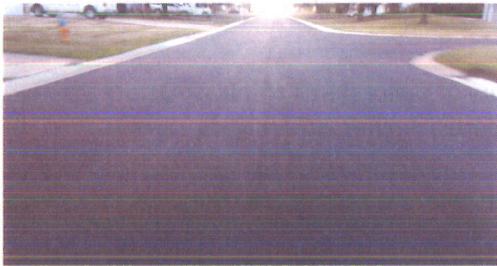
A prioritization analysis was performed for an analysis period of five years based on rehabilitating the pavement segments before the individual segments are predicted to pass the threshold where more expensive methods of rehabilitation would be required. This analysis estimated the yearly cost required to maintain the pavement segments above the thresholds as well as reconstruct the failed roadway segments over the 5-year period.

Budget information anticipated to be available is shown here:

- \$1,400,000 2023
- \$1,800,000 2024
- \$2,200,000 2025
- \$2,000,000 2026
- \$700,000 2027

This PMP can be reviewed and updated annually to measure progress, reevaluate preservation efforts, and adjust activities based on available funds.

Pavement Condition Rating Examples



Rating: 100-90 (Good)



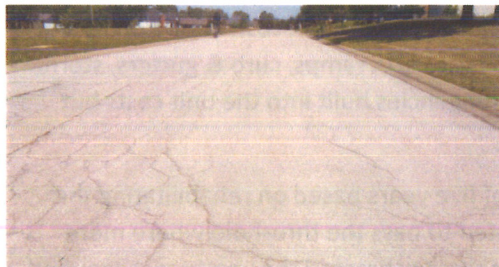
Rating: 90 – 80 (Good/Satisfactory)



Rating: 80-70 (Satisfactory)



Rating: 70 – 60 (Fair)



Rating: 60-50 (Fair/Poor)



Rating: 50 – 40 (Poor)



Rating: 40-30 (Poor/Failed)

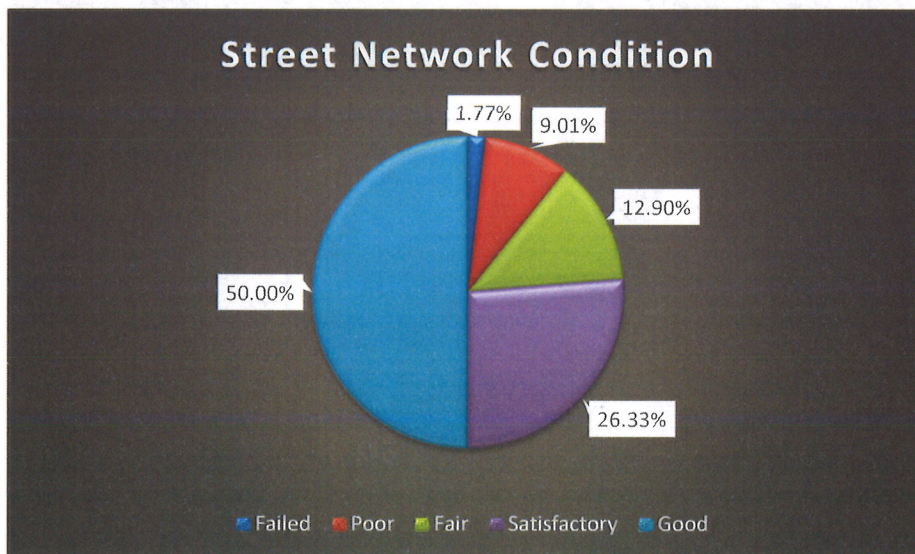
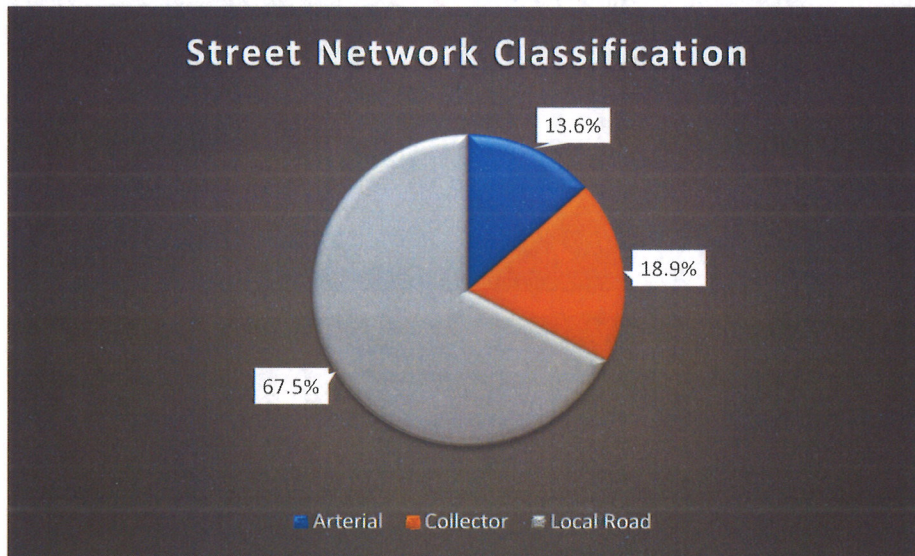


Rating: < 30 (Failed)

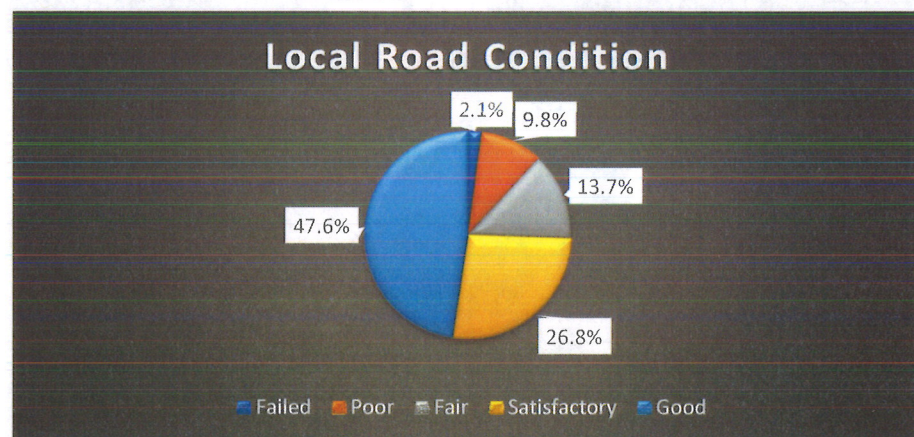
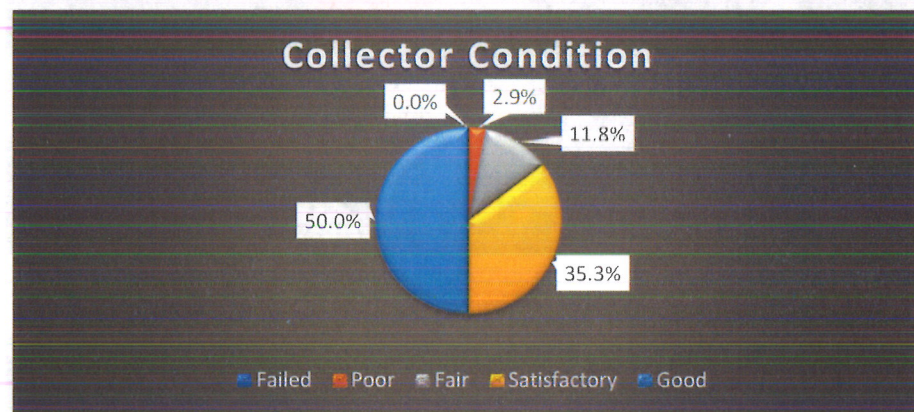
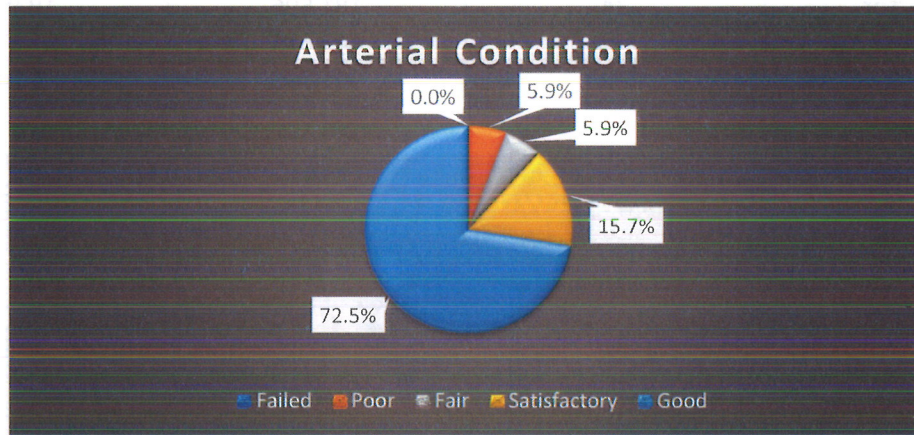
Pavement Network Inventory

The City of Basehor's pavement network consists of 57.3 centerline miles. The overall weighted pavement rating for the City's network is 81.45. This indicates average existing pavement condition is within the satisfactory range.

Classification	Segment	Area (SY)	Percentage
Arterial	51	130,516	13.6 %
Collector	34	181,596	18.9 %
Local Road	481	649,654	67.5 %
Total	566	961,766	100%



Condition Category	Arterial	Collector	Local Road
Good (100-85)	72.5 %	50.0 %	47.6 %
Satisfactory (85-70)	15.7 %	35.3%	26.8 %
Fair (70-55)	5.9 %	11.8 %	13.7 %
Poor (55-35)	5.9 %	2.9 %	9.8 %
Failed (35-0)	0.0 %	0.0%	2.1 %

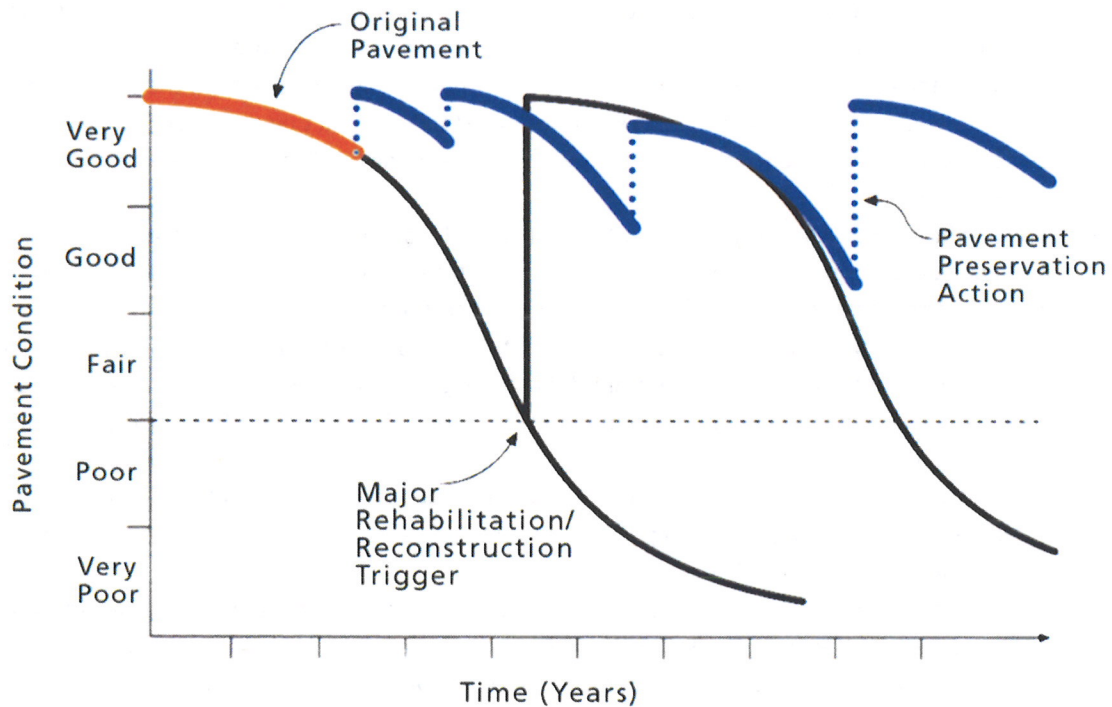


Pavement Management Strategies

Selecting streets or street segments for preservation treatment is done through a process involving analysis, testing, and experience. The data acquired during the assessment combined with budgetary information allows the ability to group potential street segments for consideration for treatment.

Streets are not prioritized on a “worst first” basis. The main objective is to keep street segments from deteriorating into a condition that typically costs four to five times more per lane mile than rehabilitation. By implementing strategic preservation techniques, many years of useful life can be added to a street at a substantial cost savings over costly deferred maintenance. Once a street has deteriorated to the point that it must be reconstructed, the opportunity for preventive street maintenance is lost.

A strategized PMP not only reduces the cost needed to improve overall network pavement ratings, but also increases the amount of time in a street’s life that the pavement is considered good.



Street Preservation Techniques

The best way to maximize efficiency in street preservation dollars spent is to utilize a large toolbox of preservation techniques and strategies. The following is a list of common pavement preservation techniques:

Surface Treatments

- **Asphalt rejuvenator** - Asphalt rejuvenation is the process of restoring chemical properties that have been deteriorating since the moment new asphalt was laid down.
- **Crack Seal** - Cracking in most pavements is inevitable, and if left untreated, can cause massive pavement failure like potholes and subbase failure. Crack sealing is a cost-effective method to treat all types of cracks greater than 1/8".
- **Fog Seal** - Fog seal is a single application, typically light, of emulsified asphalt to an existing asphalt surface.
- **Slurry Seal** - Slurry seal is a surface treatment designed to extend the life of asphalt pavements in good condition by providing skid resistance, restricting moisture intrusion, protecting the structure from further oxidation and raveling, and restoring a uniform black appearance.
- **Micro Surfacing** - Micro surfacing is a surface treatment designed to extend the life of asphalt pavements in good condition by providing skid resistance, restricting moisture intrusion, protecting the structure from further oxidation and raveling, and restoring a uniform black appearance.
- **Ultra-Thin Lift Hot Mix Asphalt** - An ultra-thin lift HMA is a hot mix asphalt treatment consisting of paving grade asphalt and aggregate. Ultra-thin lift asphalt treatments are generally applied at a compacted depth of .75" to 1" on roads in good condition.
- **Chip Seal** - A chip seal is a roadway surface treatment that consists of a layer(s) of asphalt binder (hot or emulsion) with a layer(s) of embedded aggregate. Chip seals provide a new skid resistant wearing surface, stops raveling, seals minor cracks, and retards further deterioration of the existing roadway.
- **Cape Seal** - Cape seal is a roadway surface treatment designed to extend the life of pavements in fair to good condition, consisting of a chip seal treatment, which is then covered by a slurry seal or micro surfacing treatment
- **Scrub Seal** - Scrub seal is an application that is very similar to a chip seal treatment. The only difference is that the asphalt distributor pulls a broom sled that houses a series of brooms placed at different angles. These brooms guide or "scrub" the emulsion into cracks that ensure the road will be sealed.

Recycling and Reclamation

- **Mill and Overlay** - Mill and Overlay is the controlled removal of the surface of an existing pavement to the desired depth or cross-slope with specially designed equipment capable of removing portions of the pavement surface to the specified grade and/or cross-slope and replaced with new asphalt.

- **Hot In-place Recycling** - Hot In-place Recycling (HIR) is an on-site, in-place pavement preservation and corrective maintenance technique that when combined with an asphalt overlay can be classified as structural rehabilitation.
- **Cold In-place Recycling** - A cost-effective, long-lasting, greener alternative to conventional maintenance and rehabilitation techniques. Cold In-place recycling (CIR) is a process that cold mills and recycles the top 2-5 inches of asphalt using a continuous train operation.
- **Cold Central Plant Recycling** - In many locations, stockpiles of high-quality RAP are available and Cold Central Plant Recycling (CCPR) can produce a high quality economical paving material preventing a valuable resource from being landfilled. CCPR is the process in which the asphalt recycling takes place at a central location using a stationary cold mix plant and an existing stockpile of RAP.
- **Full Depth Reclamation** - Full Depth Reclamation (FDR) is an engineered rehabilitation technique in which the full thickness of the asphalt pavement and a predetermined portion of the underlying materials (base, subbase and/or subgrade) is uniformly pulverized and blended to provide an upgraded, homogeneous material.

Base Treatments

- **Base Stabilization** - Base Stabilization is used in new construction and reconstruction to improve the physical and load bearing properties of an aggregate base layer.
- **Soil Stabilization/Modification** - Soil modification refers to the process of adding and mixing chemical agents into the soil to not only dry the soil, improving workability, but also reducing the plasticity index (PI) and shrink swell potential. These improvements often result in a slight increase in the shear strength of the soil. Often, subgrade soils are too wet, exhibiting poor workability and lacking sufficient strength to support construction equipment. Chemical additives such as lime, fly ash, and cement can be added to these soils to dry and improve the workability of the soil. Additionally, subsurface moisture remediation may be beneficial for long-term pavement life.

Often, a combination of techniques can be used at the same time to extend the pavement life even further. There are many factors to consider when choosing the right preservation technique. Existing distresses, contractor availability, material availability, cost, quantity, and maintenance capabilities are some of the factors to be evaluated. Combining projects with nearby agencies can provide costs savings and opportunity for specialized contractors that otherwise might not be feasible to work in Basehor.

Preservation Scenario

For the analysis of street preservation scenarios, the pavement techniques shown below were selected to be utilized. This list can be modified and adjusted to reflect strategies that the City has found to be readily available, more cost-effective, and proven successful. Additionally, techniques may be adjusted based on specific distresses once individual projects are identified.

- **Complete reconstruction.** This method was used for pavement with a rating below 50, indicating a failed pavement structure beyond the point of salvaging through rehabilitation or preservation.

- **Mill and Overlay.** This method was chosen for pavements above the 50-rating threshold. A rejuvenator should be considered with the placement of the asphalt.
- **Microsurfacing.** This method was chosen for pavements above the 70-rating threshold.

This method of analyzing the future pavement deterioration and applying reconstruction and rehabilitation techniques was repeated each year for the 5-year study period. The following table indicated the anticipated activities and associated budget for each year.

	Weighted Network Rating	Total Cost	Reconstruction Costs	%	Rehabilitation Costs	%
Year 0 (2022)	81.45					
Year 1 (2023)	82.02	\$1,390,000	\$336,000	24%	\$1,054,000	76%
Year 2 (2024)	84.90	\$1,832,000	\$233,000	13%	\$1,599,000	87%
Year 3 (2025)	89.18	\$2,192,000	\$263,000	12%	\$1,929,000	88%
Year 4 (2026)	91.84	\$2,005,000	\$1,374,000	69%	\$631,000	31%
Year 5 (2027)	91.86	\$727,000	\$259,000	36%	\$468,000	64%

Modifications to the segments identified in each year can and should be made based available budget, location and grouping of segments, actual condition of the segments in the given year, and.

Recommendations

Below are the recommendations for implementing the Pavement Management Plan.

- ✓ The segments prioritized for the preservation activities were based on the most beneficial use of the funds in the given year, and the predicted condition of the segment at the time of construction. Annual project selections should include segments near each other. Other factors like traffic volumes, geographic equality with regards to previous years, efficiencies based on other work that could impact the road such as water line installation or sewer improvements, and number of residents the preservation benefits could also be considered. Additionally, consideration to the techniques used for preservation and should be matched to the specific distresses found on chosen segments when construction occurs.
- ✓ Innovative techniques, such as full depth reclamation should be considered for failed pavement segments. Utilization of the existing material with supplemental cementitious or slurry additives can greatly reduce pavement replacement costs. Additionally, innovative preservation techniques should be considered where appropriate.
- ✓ Complete annual assessments to measure the progress and effectiveness of the Pavement Management Plan. Adjust preservation techniques and funding based on progress towards to expected results.

- ✓ Refine the pavement inventory to include age of the existing pavement, and newly constructed segments as the information becomes available.
- ✓ Reevaluate the pavement maintenance budget as new segments are constructed and inflation changes preservation costs.
- ✓ Implement a public information strategy to inform the Basehor residents of the Pavement Management Plan, goals, methods of implementation, and progress.

Appendix

Exhibit 1 – Pavement Inventory

Exhibit 2 – Street Classification Map

Exhibit 3 – Street Rating Map

Exhibit 4 – Year 1 Activities

Exhibit 5 – Year 2 Activities

Exhibit 6 – Year 3 Activities

Exhibit 7 – Year 4 Activities

Exhibit 8 – Year 5 Activities

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10639		0 Local Road	123.31	291.955	2022-08-12	100
10493	N 157TH LN	Local Road	98.4673	284.95	2022-08-24	100
10512	N 145TH CT	Local Road	343.6	1184.64	2022-08-24	100
10640		0 Local Road	120.545	300.271	2022-08-12	100
10604	N 163RD ST	Local Road	317.12	845.653	2022-08-12	100
10043	N 154TH ST	Local Road	357.857	948.015	2022-08-24	100
10330	MARY ST	Local Road	153.704	315.374	2022-08-24	100
10584	ASPEN DR	Local Road	1354.9	3589.27	2022-08-12	100
10510	ASPEN DR	Local Road	219.834	586.223	2022-08-12	100
10165	HICKORY ST	Local Road	330.226	880.601	2022-08-12	100
10588	N 157TH TER	Local Road	596.766	1574.13	2022-08-24	100
10594	N 162ND Ter	Local Road	476.963	1262.08	2022-08-12	100
10271	N 141ST TER	Local Road	484.395	1212.17	2022-08-24	100
10178	154TH PL	Local Road	510.292	1246.03	2022-08-24	100
10603	LOLLY LN	Local Road	293.802	783.472	2022-08-12	100
10609	CRAIG ST	Local Road	132.841	407.742	2022-08-24	100
10514	AURORA LN	Local Road	363.874	988.684	2022-08-12	100
10507	156TH TER	Local Road	200.822	563.184	2022-08-12	100
10348	N 154TH TER	Local Road	787.274	1643.96	2022-08-24	100
10208	N 141ST LN	Local Road	405.125	1009.07	2022-08-24	100
10523	GLENVIEW ST	Local Road	479.509	1261.76	2022-08-12	100
10096	N 155TH TER	Local Road	255.938	692.074	2022-08-12	100
10015	N 155TH TER	Local Road	366.819	916.304	2022-08-24	100
10491	N 156TH TER	Local Road	356.209	1034.52	2022-08-12	100
10631	CRAIG ST	Local Road	153.243	439.209	2022-08-12	100
10633	HIDDEN RIDGE PKWY	Local Road	64.1562	189.075	2022-08-24	100
10508	SHERIDAN CT	Local Road	396.543	1452.36	2022-08-12	100
10489	N 157TH LN	Local Road	289.279	944.012	2022-08-12	100
10490	N 156TH TER	Local Road	283.776	776.299	2022-08-24	100
10343	LAKEVIEW DR	Local Road	759.392	2011.67	2022-08-12	100
10587	LAKE SHORE DR	Local Road	179.592	396.329	2022-08-12	100
10332	153RD ST	Local Road	284.401	663.651	2022-08-10	100
10522	CRAIG ST	Local Road	291.649	1580.61	2022-08-12	100

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10509	SHERIDAN CT	Local Road	411.102	1263.48	2022-08-12	100
10269	SPRUCE ST	Local Road	174.04	814.778	2022-08-24	100
10036	CRESTWOOD DR	Local Road	549.919	1489.88	2022-08-12	100
10376	BRADFORT CT	Local Road	216.801	588.618	2022-08-10	100
10035	WALNUT ST	Local Road	371.633	963.21	2022-08-12	100
10243	N 155TH ST	Local Road	328.694	1002.95	2022-08-12	100
10331	N 151ST TER	Local Road	458.149	1535.94	2022-08-12	100
10316	N 151ST ST	Local Road	461.561	423.161	2022-08-24	100
10607	N 162ND CT	Local Road	335.731	1271.16	2022-08-12	100
10346	SYCAMORE ST	Local Road	342.799	826.456	2022-08-24	100
10013	CRESTWOOD DR	Local Road	749.213	1966.68	2022-08-12	100
10484	LAKEVIEW CT	Local Road	160.222	768.733	2022-08-24	100
10511	N 144TH TER	Local Road	430.611	1138.68	2022-08-12	100
10152	N 155TH CT	Local Road	339.497	905.324	2022-08-24	100
10492	N 157TH LN	Local Road	308.444	895.989	2022-08-24	100
10309	CLUBHOUSE DR	Local Road	148.521	424.916	2022-08-12	100
10599	N 162ND Ter	Local Road	123.981	725.513	2022-08-24	100
10408	RICKEL DR	Local Road	346.858	1002.04	2022-08-24	100
10235	N 153RD ST	Local Road	359.464	942.521	2022-08-24	100
10592	Whitney Court	Local Road	160.426	798.59	2022-08-24	100
10487	LAKESIDE DR	Local Road	472.363	1221.23	2022-08-24	100
10187	153RD ST	Local Road	444.017	1205.17	2022-08-10	100
10624		Local Road	208.39	790.627	2022-08-12	100
10011	N 154TH ST	Local Road	428.244	1127.66	2022-08-24	100
10219	ELM ST	Local Road	549.856	1574.45	2022-08-12	99.5
10147	CRESTWOOD DR	Local Road	427.07	1202.91	2022-08-12	99.4
10531	AMANDA LN	Local Road	319.876	343.42	2022-08-12	99.2
10525	GARDEN PKWY	Local Road	243.631	913.115	2022-08-12	99.2
10504	N 160TH TER	Local Road	508.237	1321.53	2022-08-12	99.2
10188	BRADFORT CT	Local Road	956.951	2717	2022-08-10	99.1
10150	PINE RIDGE RD	Local Road	884.054	2489.42	2022-08-10	99.1
10532	144TH ST	Local Road	89.8627	268.826	2022-08-12	99
10351	N 155TH ST	Local Road	1391.41	4020.06	2022-08-12	99

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10528	144TH ST	Local Road	444.807	1105.28	2022-08-12	99
10068	MEYER DR	Local Road	161.584	407.552	2022-08-24	99
10164	N 155TH TER	Local Road	238.205	635.595	2022-08-12	98.9
10637		0 Local Road	128.245	374.535	2022-08-12	98.7
10485	LAKESIDE DR	Local Road	408.136	1099.23	2022-08-12	98.7
10112	N 153RD TER	Local Road	158.86	410.908	2022-08-12	98.7
10505	GARDEN PKWY	Local Road	1252.76	4471.46	2022-08-12	98.5
10506	GARDEN PKWY	Local Road	892.461	3264.5	2022-08-12	98.5
10634		0 Local Road	214.051	475.655	2022-08-12	98.4
10483	N 144TH TER	Local Road	391.325	1419.25	2022-08-12	98.1
10240	N 153RD TER	Local Road	380.939	1009.81	2022-08-12	98.1
10392	GARDEN PKWY	Local Road	897.645	3093.44	2022-08-12	98
10127	CEDAR LN	Local Road	366.054	1293.58	2022-08-12	97.9
10234	N 153RD ST	Local Road	340.472	943.161	2022-08-12	97.8
10126	CEDAR LN	Local Road	581.705	1670.2	2022-08-12	97.8
10184	155TH ST	Local Road	262.203	683.904	2022-08-12	97.8
10128	155TH ST	Local Road	356.312	957.495	2022-08-12	97.6
10502	N 161ST TER	Local Road	427.512	1321.59	2022-08-24	97.6
10057	155TH ST	Local Road	694.516	1949.47	2022-08-12	97.6
10513	AURORA LN	Local Road	556.294	1787.88	2022-08-12	97.5
10163	ELM ST	Local Road	307.664	780.368	2022-08-12	97.4
10586	ASPEN DR	Local Road	647.676	1686.83	2022-08-12	97.3
10077	N 154TH TER	Local Road	1251.18	3212.15	2022-08-12	97.3
10338	JOSH ST	Local Road	607.532	1676.8	2022-08-12	97.3
10396	N 142ND ST	Local Road	319.142	775.568	2022-08-12	96.9
10591	N 157TH TER	Local Road	298.245	759.827	2022-08-24	96.9
10129	CEDAR LN	Local Road	980.267	3003.04	2022-08-12	96.6
10133	153RD ST	Local Road	801.547	2142.66	2022-08-12	96.5
10063	HIDDEN RIDGE PKWY	Local Road	207.261	553.483	2022-08-24	96.5
10405	LAKESIDE DR	Local Road	569.209	1545.79	2022-08-12	96.4
10617	ELM ST	Local Road	390.829	1049.62	2022-08-12	96.1
10499	LAKEVIEW TER	Local Road	221.716	1046.75	2022-08-12	96.1
10016	WALNUT CT	Local Road	249.813	794.993	2022-08-12	96

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10606	N 162ND CIR	Local Road	315.871	1225.32	2022-08-12	96
10355	169TH ST	Local Road	176.279	465.088	2022-08-10	96
10600	SHERIDAN PL	Local Road	250.056	1273.2	2022-08-24	95.9
10329	N 151ST TER	Local Road	460.452	1249.33	2022-08-12	95.9
10601	GARDEN PKWY	Local Road	865.362	1216.02	2022-08-12	95.9
10196	HIDDEN RIDGE PKWY	Local Road	102.798	284.732	2022-08-24	95.9
10526	GARDEN PKWY	Local Road	265.64	1229.77	2022-08-12	95.8
10090	RICKEL DR	Local Road	636.545	1647.13	2022-08-12	95.6
10342	LAKEVIEW DR	Local Road	324.976	904.904	2022-08-12	95.6
10280	MEYER DR	Local Road	158.899	444.407	2022-08-24	95.5
10124	155TH ST	Local Road	404.673	1158.81	2022-08-12	95.5
10025	N 153RD ST	Local Road	560.532	1671.05	2022-08-12	95.3
10286	POPLAR ST	Local Road	120.041	304.694	2022-08-24	95.3
10354	169TH ST	Local Road	385.199	1019.26	2022-08-10	95.3
10185	CEDAR LN	Local Road	716.107	2330.93	2022-08-12	95.1
10497	N 155TH ST	Local Road	594.866	1892.03	2022-08-12	95.1
10130	153RD ST	Local Road	435.805	1472.9	2022-08-12	95
10377	KNIGHT RD	Local Road	1015.06	2626.41	2022-08-10	95
10136	BROOKSTONE CT	Local Road	409.883	1347.95	2022-08-12	95
10423	N 142ND ST	Local Road	198.101	542.604	2022-08-12	95
10148	ELM ST	Local Road	675.95	1764.01	2022-08-12	94.8
10488	TYLER ST	Local Road	417.312	1184.05	2022-08-12	94.7
10498	LAKEVIEW TER	Local Road	484.588	1324.49	2022-08-12	94.6
10529	AMANDA LN	Local Road	265.83	707.644	2022-08-12	94.4
10182	PINE RIDGE RD	Local Road	493.771	1432.23	2022-08-12	94.4
10374	JUNIPER DR	Local Road	491.984	1629.74	2022-08-10	94.2
10352	TUCKER CT	Local Road	578.805	1816.66	2022-08-10	94.2
10283	SYCAMORE ST	Local Road	174.101	511.659	2022-08-12	94.2
10248	ELM ST	Local Road	632.206	1638.36	2022-08-12	94.1
10034	N CIRCLE DR	Local Road	650.592	1615.23	2022-08-12	94
10125	PARALLEL LN	Local Road	950.706	2905.04	2022-08-12	93.9
10111	N 152ND CT	Local Road	363.441	1195.25	2022-08-12	93.9
10288	N 154TH ST	Local Road	492.301	1334.28	2022-08-12	93.8

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10326	N 156TH ST	Local Road	268.156	730.967	2022-08-24	93.5
10590	Shelby Court	Local Road	143.686	758.479	2022-08-24	93.4
10241	N 155TH ST	Local Road	327.062	938.506	2022-08-12	93.4
10190	N 142ND ST	Local Road	321.988	865.127	2022-08-24	93.3
10411	BASEHOR BLVD	Local Road	649.408	2178.58	2022-08-12	93.3
10058	N 157TH ST	Local Road	484.756	1448.2	2022-08-12	93.2
10613		0 Local Road	1184.85	3105.33	2022-08-24	93.2
10410	BASEHOR BLVD	Local Road	1351.83	6179.51	2022-08-12	93.1
10239	ELM ST	Local Road	362.748	1045.11	2022-08-12	93
10260	GARDEN PKWY	Local Road	286.583	935.092	2022-08-12	92.9
10294	N 143RD ST	Local Road	570.324	1518.1	2022-08-12	92.9
10183	PINE RIDGE RD	Local Road	188.124	998.315	2022-08-12	92.9
10530	N 145TH ST	Local Road	480.282	1639.74	2022-08-12	92.8
10341	JOSH ST	Local Road	428.187	1339.3	2022-08-12	92.5
10134	N 141ST ST	Local Road	1004.04	2875.41	2022-08-12	92.5
10486	N 156TH ST	Local Road	459.783	1178.59	2022-08-12	92.5
10268	PINE CT	Local Road	405.627	1296.84	2022-08-09	92.5
10109	MARGIE LN	Local Road	408.147	1046.98	2022-08-12	92.3
10197	SANDSTONE CIR	Local Road	399.837	1075.75	2022-08-12	92.2
10625		0 Local Road	484.925	1568.1	2022-08-12	92.2
10247	S CIRCLE DR	Local Road	631.876	1696.63	2022-08-12	92.1
10327	LAKEVIEW PL	Local Road	164.808	701.622	2022-08-24	91.9
10597	GARDEN PKWY	Local Road	396.616	631.356	2022-08-12	91.8
10072	155TH ST	Local Road	256.133	1028.31	2022-08-12	91.8
10186	BRADFORD CT	Local Road	912.221	2664.67	2022-08-12	91.8
10132	PINE RIDGE RD	Local Road	327.541	861.565	2022-08-24	91.7
10055	PINEHURST DR	Local Road	2455.25	8076.97	2022-08-10	91.4
10161	PINE CIR	Local Road	139.29	1190.11	2022-08-12	91.3
10524	CRAIG ST	Local Road	479.516	1282.09	2022-08-12	91.1
10481	LAKE SHORE DR	Local Road	497.622	1724.1	2022-08-12	91.1
10033	GARDEN PKWY	Local Road	306.672	1045.47	2022-08-12	91
10585	ASPEN DR	Local Road	139.716	751.765	2022-08-12	90.9
10245	GARDEN PKWY	Local Road	344.263	1332.5	2022-08-12	90.9

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10611		0 Local Road	1143.6	3599.44	2022-08-10	90.8
10385	LANDAUER CIR	Local Road	546.593	1293.2	2022-08-12	90.7
10500	LAKE SHORE DR	Local Road	394.587	1084.44	2022-08-12	90.6
10049	N 159TH ST	Local Road	196.754	887.017	2022-08-12	90.6
10445	BRIAR RD	Local Road	275.186	858.755	2022-08-10	90.6
10393	N 170TH ST	Local Road	436.938	1392.78	2022-08-10	90.5
10158	N 155TH ST	Local Road	567.26	1433.68	2022-08-12	90.5
10061	RUBY CT	Local Road	303.513	1063.19	2022-08-12	90.2
10462	PARALLEL RD	Local Road	7.62244	135.85	2022-08-24	89.6
10622	BASEHOR BLVD	Local Road	603.38	3032.23	2022-08-12	89.3
10020	POPLAR ST	Local Road	342.577	898.03	2022-08-12	89.3
10135	N 142ND SI	Local Road	382.718	1026.84	2022-08-12	89.2
10479	WOLF CREEK PKWY	Local Road	2026.43	7216.48	2022-08-12	89.2
10595	N 162ND Ter	Local Road	121.723	712.313	2022-08-12	89.2
10191	ASHBURY CT	Local Road	370.859	1358.03	2022-08-12	89.1
10394	N 142ND ST	Local Road	227.251	655.854	2022-08-24	89.1
10495	FALCON LAKES DR	Local Road	1163.51	2920.08	2022-08-12	89
10253	N 156TH SI	Local Road	312.086	817.223	2022-08-24	89
10131	CYPRESS BND	Local Road	1037.59	4272.55	2022-08-12	89
10371	PINEHURST DR	Local Road	335.397	1203.89	2022-08-10	88.9
10154	N 154TH TER	Local Road	334.228	733.713	2022-08-24	88.9
10356	JUNIPER DR	Local Road	767.904	2342.21	2022-08-10	88.8
10160	PINE CT	Local Road	395.946	1764.05	2022-08-12	88.7
10137	N 142ND ST	Local Road	272.839	1021.25	2022-08-24	88.6
10397	PEBBLE TER	Local Road	731.518	1938.06	2022-08-12	88.4
10105	SPRUCE ST	Local Road	294.059	771.722	2022-08-09	88.4
10107	AMANDA LN	Local Road	440.076	1154.69	2022-08-24	88.3
10521	N 161ST TER	Local Road	290.324	767.945	2022-08-12	88.2
10051	N 159TH TER	Local Road	307.66	1089.42	2022-08-12	88.1
10222	LANDAUER ST	Local Road	1035.83	2705.93	2022-08-12	88
10006	MAPLE ST	Local Road	305.717	548.643	2022-08-24	87.6
10480	LAKEVIEW TER	Local Road	1256.84	3310.78	2022-08-12	87.4
10317	LAKE SIDE DR	Local Road	325.766	910.78	2022-08-12	87.4

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10066	N 162ND ST	Local Road	718.919	1844.31	2022-08-12	87.4
10282	N 153RD TER	Local Road	426.948	1155.99	2022-08-24	87.3
10333	CRAIG ST	Local Road	653.543	1771.89	2022-08-12	87.2
10205	SYCAMORE ST	Local Road	328.925	912.549	2022-08-12	87.1
10319	LAKE SIDE DR	Local Road	196.054	812.847	2022-08-12	87
10099	GARDEN PKWY	Local Road	254.986	889.143	2022-08-12	87
10230	N 155TH TER	Local Road	360.861	787.219	2022-08-12	87
10159	PINE CT	Local Road	226.572	684.661	2022-08-12	86.9
10032	GARDEN PKWY	Local Road	336.6	1089.26	2022-08-12	86.9
10422	N 141ST ST	Local Road	1042.6	2764.96	2022-08-12	86.6
10069	N 154TH ST	Local Road	329.516	906.881	2022-08-12	86.6
10236	PIN OAK DR	Local Road	147.138	444.546	2022-08-12	86.6
10494	155TH TER	Local Road	306.84	527.506	2022-08-24	86.5
10598	N 163RD ST	Local Road	467.484	1447.85	2022-08-12	86.5
10608	N 162ND CIR	Local Road	693.678	2227.75	2022-08-12	86.5
10189	CHATEAU LN	Local Road	602.723	1612.58	2022-08-12	86.4
10175	N 160TH CIR	Local Road	190.128	805.847	2022-08-12	86.3
10519	OLIVE CT	Local Road	253.312	1024.97	2022-08-12	86.3
10237	N 157TH ST	Local Road	673.462	1793.37	2022-08-12	86.2
10367	169TH ST	Local Road	313.328	835.089	2022-08-10	86.2
10215	GARDEN PKWY	Local Road	207.245	802.551	2022-08-12	86.1
10167	PEBBLE DR	Local Road	974.727	2610.65	2022-08-12	86.1
10067	N 158TH ST	Local Road	161.881	415.891	2022-08-12	85.9
10482	N 145TH ST	Local Road	724.094	1886.07	2022-08-12	85.9
10207	155TH ST	Local Road	642.201	2362.41	2022-08-12	85.7
10436	N 142ND ST	Local Road	478.218	1274.03	2022-08-12	85.4
10203	N 153RD TER	Local Road	497.48	1320.91	2022-08-12	85.2
10618	WOLF CREEK PKWY	Local Road	883.522	3177.06	2022-08-12	85.2
10315	N 151ST TER	Local Road	236.474	669.532	2022-08-12	85.2
10627		0 Local Road	508.765	1071.25	2022-08-12	85
10198	INDEPENDENCE CT	Local Road	265.037	988.332	2022-08-12	85
10040	N 156TH ST	Local Road	351.319	936.446	2022-08-12	84.9
10496	N 151ST ST	Local Road	327.038	801.996	2022-08-12	84.9

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10289	N 158TH ST	Local Road	190.455	528.011	2022-08-12	84.8
10080	CRIMSON ST	Local Road	128.159	334.375	2022-08-09	84.7
10403	CRAIG ST	Local Road	191.594	346.76	2022-08-12	84.7
10340	N 150TH TER	Local Road	282.625	1000.61	2022-08-12	84.6
10281	N 152ND TER	Local Road	837.077	2121.52	2022-08-12	84.5
10021	PIN OAK DR	Local Road	324.117	865.941	2022-08-12	84.4
10605	CRAIG ST	Local Road	155.181	449.996	2022-08-12	84.4
10287	PIN OAK DR	Local Road	312.652	1189.61	2022-08-12	84.4
10339	JOSH ST	Local Road	190.588	542.265	2022-08-12	84.1
10266	CEDAR ST	Local Road	390.355	1323.63	2022-08-12	84
10254	IRON CREEK DR	Local Road	675.712	2491.7	2022-08-12	83.9
10437	N 142ND SI	Local Road	382.769	1050.33	2022-08-12	83.8
10460	153RD ST	Local Road	80.7118	152.165	2022-08-10	83.7
10322	N 155TH LN	Local Road	168.389	459.096	2022-08-12	83.7
10313	CRAIG ST	Local Road	279.01	763.824	2022-08-12	83.5
10424	ROCKAWAY CT	Local Road	382.049	1381.33	2022-08-12	83.5
10517	FALCON LAKES DR	Local Road	407.205	1279.82	2022-08-12	83.2
10070	N 153RD TER	Local Road	241.652	811.482	2022-08-24	83.2
10295	MCCORMICK DR	Local Road	289.436	1078.65	2022-08-12	83
10353	169TH ST	Local Road	156.99	485.366	2022-08-10	82.9
10347	MEYER DR	Local Road	347.64	1178.88	2022-08-12	82.9
10478	N 158TH ST	Local Road	474.227	1264.61	2022-08-12	82.9
10388	N 158TH ST	Local Road	660.33	1686.06	2022-08-12	82.5
10369	SHEEHAN RD	Local Road	443.12	1294.89	2022-08-10	82.1
10047	N 141ST ST	Local Road	541.023	2141.82	2022-08-12	82.1
10053	N 160TH ST	Local Road	419.481	1318.62	2022-08-12	82
10366	WOLF CREEK PKWY	Local Road	2094.92	7420.84	2022-08-12	82
10101	155TH ST	Local Road	640.348	2068.22	2022-08-10	82
10263	155TH ST	Local Road	581.362	1843.62	2022-08-10	81.9
10195	HIDDEN RIDGE PKWY	Local Road	266.253	1072.05	2022-08-12	81.7
10632	HIDDEN RIDGE PKWY	Local Road	36.8809	109.814	2022-08-12	81.7
10391	N 159TH ST	Local Road	171.449	601.624	2022-08-24	81.7
10314	N 151ST TER	Local Road	278.359	770.193	2022-08-12	81.6

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10299	N 142ND TER	Local Road	235.051	889.914	2022-08-24	81.5
10071	SYCAMORE ST	Local Road	417.794	1248.68	2022-08-12	81.3
10250	N 156TH TER	Local Road	171.589	449.502	2022-08-12	81.3
10138	MEYER DR	Local Road	394.121	1093.49	2022-08-24	81.2
10337	CRAIG ST	Local Road	193.915	548.857	2022-08-12	80.8
10373	PINEHURST DR	Local Road	491.525	1685.03	2022-08-10	80.6
10635		Local Road	128.906	352.319	2022-08-24	80.5
10443	153RD ST	Local Road	467.805	1307.49	2022-08-10	80.4
10596	N 162ND TER	Local Road	327.29	941.712	2022-08-12	80.3
10045	MERION CT	Local Road	277.858	989.556	2022-08-12	80.2
10217	N 156TH ST	Local Road	418.247	1012.78	2022-08-24	80.1
10121	MEYER DR	Local Road	341.331	917.873	2022-08-12	80
10224	155TH TER	Local Road	334.727	877.329	2022-08-09	79.9
10264	PINEHURST DR	Local Road	939.762	3048	2022-08-10	79.9
10113	154TH PL	Local Road	448.899	1713.43	2022-08-10	79.8
10200	MARGIE LN	Local Road	275.608	726.39	2022-08-24	79.5
10168	N 154TH ST	Local Road	675.374	2051.99	2022-08-12	79.5
10297	AMANDA LN	Local Road	135.637	414.232	2022-08-24	79.5
10630	N 157TH ST	Local Road	42.3686	124.63	2022-08-12	79.5
10311	CLUBHOUSE DR	Local Road	656.937	1946.37	2022-08-12	79.3
10503	N 160TH TER	Local Road	152.754	426.842	2022-08-24	79.1
10272	CORALBERRY CROSSING	Local Road	879.376	2632.19	2022-08-12	79
10218	N 156TH ST	Local Road	656.689	1570.67	2022-08-24	79
10501	SHADEY BEND ST	Local Road	455.149	1324.91	2022-08-24	78.7
10041	PIN OAK DR	Local Road	704.593	1865.95	2022-08-12	78.7
10471	FALCON LAKES DR	Local Road	1162.45	6090.44	2022-08-12	78.7
10204	N 153RD ST	Local Road	709.901	1835.64	2022-08-12	78.5
10621	PRAIRIE WAY	Local Road	384.591	920.797	2022-08-12	78.3
10115	MEADOWS ST	Local Road	343.382	865.707	2022-08-12	78.2
10386	BELRIVE CIR	Local Road	671.861	1798.27	2022-08-12	78.2
10296	MCCORMICK DR	Local Road	736.729	1947.59	2022-08-12	78.1
10046	BELRIVE CIR	Local Road	819.474	2149.2	2022-08-24	77.9
10120	MEYER DR	Local Road	349.41	977.526	2022-08-12	77.8

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Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10382	LANDAUER ST	Local Road	225.419	690.43	2022-08-12	77.8
10407	PRAIRIE WAY	Local Road	318.411	729.164	2022-08-12	77.7
10402	157TH ST	Local Road	479.887	1500.22	2022-08-12	77.3
10202	BELMONT CT	Local Road	477.579	1544.79	2022-08-12	77.1
10173	CEDAR ST	Local Road	198.045	556.501	2022-08-12	77
10103	N 157TH ST	Local Road	361.732	905.037	2022-08-24	76.9
10151	MAPLE ST	Local Road	346.722	817.325	2022-08-12	76.8
10042	PEBBLE DR	Local Road	585.677	2061.13	2022-08-12	76.6
10075	N 156TH TER	Local Road	382.368	1489.92	2022-08-12	76.6
10054	N 160TH TER	Local Road	564.828	1706.85	2022-08-12	76.6
10357	SHEEHAN RD	Local Road	692.102	2055.66	2022-08-10	76.4
10612		0 Local Road	143.357	722.398	2022 08 24	76.4
10361	WELLINGTON PLACE DR	Local Road	1279.38	3932.97	2022-08-12	76.2
10258	N 141ST ST	Local Road	1051.88	2845.19	2022-08-12	76.2
10199	N 161ST TER	Local Road	229.659	793.993	2022-08-12	76.1
10404	N 155TH ST	Local Road	974.968	3824.71	2022-08-12	75.9
10516	FALCON LAKES DR	Local Road	599.067	1894.92	2022-08-12	75.6
10050	GARDEN PKWY	Local Road	144.007	525.237	2022-08-12	75
10285	155TH ST	Local Road	286.965	815.022	2022-08-12	74.9
10095	N 158TH TER	Local Road	507.661	1658.69	2022-08-12	74.9
10171	AUGUSTA DR	Local Road	477.388	1552.84	2022-08-12	74.8
10381	LANDAUER ST	Local Road	290.909	849.218	2022-08-24	74.8
10615		0 Local Road	361.156	833.627	2022-08-12	74.7
10194	RUBY WAY	Local Road	1084.86	2868.07	2022-08-12	74.7
10293	N 143RD ST	Local Road	357.96	1262.12	2022-08-12	74.7
10223	CRIMSON ST	Local Road	320.936	887.399	2022-08-09	74.6
10616	BELRIVE CIR	Local Road	166.51	757.943	2022-08-24	74.6
10056	JUNIPER LN	Local Road	479.9	1592.3	2022-08-10	74.5
10370	PINEHURST DR	Local Road	1563.18	5503.94	2022-08-10	74.4
10261	GARDEN PKWY	Local Road	240.394	855.76	2022-08-12	74.2
10279	MEYER DR	Local Road	154.808	470.245	2022-08-12	74.1
10246	N 158TH CT	Local Road	512.404	1685.6	2022-08-12	73.9
10284	N 154TH ST	Local Road	110.235	316.214	2022-08-24	73.9

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10380	LANDAUER ST	Local Road	281.357	843.351	2022-08-24	73.8
10110	CHRISTIE DR	Local Road	491.169	1587.08	2022-08-12	73.2
10425	NICOLLE CT	Local Road	393.492	1419.63	2022-08-12	73.1
10350	N 155TH ST	Local Road	522.124	2897.3	2022-08-12	73.1
10106	155TH TER	Local Road	259.323	727.093	2022-08-09	72.9
10306	FALCON LAKES DR	Local Road	1319.38	4101.72	2022-08-12	72.9
10176	CEDAR ST	Local Road	274.679	754.578	2022-08-12	72.7
10274	ONYX TER	Local Road	682.956	1809.98	2022-08-12	72.6
10193	EVERGREEN ST	Local Road	526.37	2346.25	2022-08-09	72.5
10323	N 155TH LN	Local Road	183.368	495.663	2022-08-12	72.4
10401	WILLOW DR	Local Road	318.999	856.969	2022-08-24	72.3
10400	DRIVEWAY	Local Road	39.4288	105.143	2022-08-24	72.3
10108	N 141ST PL	Local Road	264.71	680.324	2022-08-12	71.9
10308	FALCON LAKES DR	Local Road	1059.48	3626.82	2022-08-12	71.8
10273	CORALBERRY CROSSING	Local Road	169.631	479.933	2022-08-24	71.7
10619	WOLF CREEK PKWY	Local Road	329.173	1219.63	2022-08-12	71.6
10073	AMBER RD	Local Road	446.678	1167.78	2022-08-10	71.2
10593	N 157TH TER	Local Road	374.749	1089.89	2022-08-24	71.2
10089	HOLLY ST	Local Road	166.104	249.183	2022-09-13	71.1
10181	CEDAR ST	Local Road	296.723	1064.5	2022-08-12	71
10044	AUGUSTA DR	Local Road	742.669	2790.62	2022-08-12	70.9
10290	N 142ND ST	Local Road	958.304	2570.08	2022-08-12	70.9
10172	N 141ST ST	Local Road	534.534	1433.21	2022-08-12	70.8
10307	FALCON LAKES DR	Local Road	341.67	1382.75	2022-08-12	70.7
10065	N 161ST TER	Local Road	647.435	1737.7	2022-08-12	70.5
10629	156TH TER	Local Road	46.1324	132.339	2022-08-12	70.4
10276	N 141ST PL	Local Road	223.458	1024.27	2022-08-12	70.4
10638		0 Local Road	131.167	383.099	2022-08-12	70
10192	155TH TER	Local Road	348.293	933.506	2022-08-09	69
10432	143RD PKWY	Local Road	2080.17	4844.2	2022-08-12	68.9
10048	N 159TH ST	Local Road	305.127	1074.48	2022-09-13	68.8
10252	POPLAR ST	Local Road	937.125	2510.82	2022-08-12	68.7
10177	N 145TH TER	Local Road	411.852	1926.99	2022-08-12	68.5

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10277	GARDEN PKWY	Local Road	288.726	994.792	2022-08-12	68.4
10321	WILLOW	Local Road	146.607	390.351	2022-08-12	68
10626		Local Road	238.57	598.907	2022-08-12	67.9
10179	155TH ST	Local Road	482.077	1840.55	2022-08-24	67.7
10085	N 156TH TER	Local Road	344.601	629.059	2022-08-24	67.6
10300	N 141ST ST	Local Road	308.621	839.921	2022-08-12	67.4
10457	157TH TER	Local Road	1358.37	4102.46	2022-08-10	67.4
10255	IRON CREEK CT	Local Road	449.677	1682.71	2022-08-12	67.1
10395	N 142ND ST	Local Road	350.661	927.412	2022-08-24	66.9
10270	155TH CIR	Local Road	368.629	1743.38	2022-08-09	66.5
10334	N 150TH TER	Local Road	573.573	1437.17	2022-08-12	66.4
10059	155TH TER	Local Road	291.07	781.674	2022 08 09	65.7
10060	ASPEN CT	Local Road	352.052	1244.2	2022-08-09	65.5
10610	MEYER DR	Local Road	352.847	806.216	2022-08-12	65.3
10257	INDEPENDENCE ST	Local Road	778.543	2069.31	2022-08-24	65.2
10305	WINGFOOT CT	Local Road	257.88	873.226	2022-08-12	65.2
10232	N 157TH ST	Local Road	632.172	1617.59	2022-08-12	64.5
10231	CHESTNUT ST	Local Road	1347.73	2877.41	2022-08-12	64.5
10275	141ST CT	Local Road	150.262	753.284	2022-08-24	64.4
10318	LAKE SIDE DR	Local Road	723.937	2621.06	2022-08-12	64.1
10259	N 159TH ST	Local Road	464.429	1556.58	2022-08-12	63.9
10213	N 154TH TERRACE CT	Local Road	367.869	1143.21	2022-08-12	63.8
10368	PINEHURST DR	Local Road	580.659	2074.04	2022-08-10	63.8
10156	N 157TH ST	Local Road	264.761	701.842	2022-08-24	63.8
10312	CLUBHOUSE DR	Local Road	624.006	1674.18	2022-08-12	63.3
10324	WILLOW DR	Local Road	457.546	2026.54	2022 08 12	63.2
10249	N 156TH TER	Local Road	639.163	1686.97	2022-08-12	63.2
10325	N 156TH ST	Local Road	710.473	1838.24	2022-08-24	62.3
10310	CLUBHOUSE DR	Local Road	577.762	2376.01	2022-08-12	62.2
10520	N 154TH TER	Local Road	407.827	1080.73	2022-08-12	62.1
10180	CRIMSON ST	Local Road	726.279	2035.74	2022-08-10	62
10304	N 141ST ST	Local Road	362.18	993.963	2022-08-24	61.9
10265	CRIMSON ST	Local Road	224.923	866.327	2022-08-24	61.8

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10117	N 155TH TER	Local Road	1218.91	2869.14	2022-08-12	61.5
10170	N 155TH TER	Local Road	1141.67	2405.64	2022-08-12	61.4
10302	PINE VALLEY CT	Local Road	426.54	1327.26	2022-08-12	61.1
10157	N 155TH TER	Local Road	356.35	823.948	2022-08-12	61.1
10291	N 141ST ST	Local Road	284.983	717.434	2022-08-12	61
10100	CEDAR ST	Local Road	307.62	852.31	2022-08-12	60.5
10064	HIDDEN RIDGE PKWY	Local Road	253.468	1021.92	2022-08-12	60.4
10358	168TH ST	Local Road	477.976	1434.46	2022-08-24	60.1
10256	RIPLEY ST	Local Road	305.095	652.123	2022-08-12	59.8
10118	N 156TH ST	Local Road	342.506	697.237	2022-08-12	59.4
10084	RIPLEY ST	Local Road	1785.11	2604.84	2022-08-12	59.3
10384	N 156TH TER	Local Road	324.994	918.043	2022-08-24	59.3
10082	OLIVE ST	Local Road	243.137	439.451	2022-08-12	59.2
10360	FREEMAN DR	Local Road	630.706	1648.89	2022-08-24	58.8
10206	AMBER RD	Local Road	529.001	1367.14	2022-08-10	58.7
10383	LANDAUER ST	Local Road	154.919	448.625	2022-08-12	57.8
10074	154TH CIR	Local Road	536.886	2346.73	2022-08-10	57.8
10039	N 155TH TER	Local Road	276.958	738.555	2022-08-12	57.3
10088	N 155TH TER	Local Road	742.794	1536.46	2022-08-12	57.3
10267	N 156TH ST	Local Road	309.134	721.415	2022-08-12	57
10116	LANDAUER AVE	Local Road	1002.46	1837.57	2022-08-12	57
10062	CORALBERRY CROSSING	Local Road	183.811	521.216	2022-08-24	56.9
10389	HICKORY ST	Local Road	320.108	836.005	2022-08-24	56.8
10303	N 141ST ST	Local Road	341.596	885.742	2022-08-12	56.7
10301	NELSON CT	Local Road	275.08	939.928	2022-08-12	56
10007	MAPLE ST	Local Road	326.133	660.591	2022-08-12	55.7
10017	HICKORY ST	Local Road	334.887	657.573	2022-08-12	55.6
10003	HICKORY ST	Local Road	340.494	766.69	2022-08-12	55.3
10251	RIPLEY ST	Local Road	555.453	1211.04	2022-08-12	54.9
10298	AMANDA LN	Local Road	344.323	913.6	2022-08-24	54.8
10119	KLAMM ST	Local Road	471.208	1346.08	2022-08-12	54.7
10104	N 156TH ST	Local Road	528.464	1508.03	2022-08-12	54.2
10142	MAPLE ST	Local Road	332.313	650.649	2022-08-12	54.1

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10620	PRAIRIE WAY	Local Road	322.145	715.96	2022-08-12	54.1
10320	N 155TH TER	Local Road	249.215	680.574	2022-08-24	53.9
10008	N 153RD TER	Local Road	752.117	1862	2022-08-12	53.6
10092	N 155TH TER	Local Road	344.788	723.435	2022-08-12	53.3
10037	N 158TH ST	Local Road	621.693	1682.46	2022-08-12	53.3
10162	N 159TH ST	Local Road	530.517	1614.98	2022-08-12	52.9
10004	POPLAR ST	Local Road	470.398	1144.46	2022-08-12	52.6
10139	CEDAR ST	Local Road	1006.37	2049.36	2022-08-12	52.5
10174	CEDAR ST	Local Road	442.077	1174.86	2022-08-12	52.1
10122	KLAMM ST	Local Road	423.666	1032.18	2022-08-12	50.9
10102	154TH CIR	Local Road	276.311	533.677	2022-08-24	50.8
10515	AURORA LN	Local Road	277.785	473.118	2022-08-24	50.5
10390	PRAIRIE WAY	Local Road	335.032	745.18	2022-08-12	50.5
10212	RIPLEY ST	Local Road	347.782	756.651	2022-08-12	49.1
10026	N 152ND ST	Local Road	1006.96	1921.9	2022-08-24	49
10349	154TH PL	Local Road	681.029	1796.34	2022-08-24	49
10229	N 156TH ST	Local Road	879.923	2097.8	2022-08-12	48.8
10012	WILLOW DR	Local Road	314.862	807.391	2022-08-12	48.4
10406	PARALLEL RD	Local Road	30.4364	637.819	2022-08-24	48.2
10002	N 156TH ST	Local Road	356.066	666.52	2022-08-12	48
10087	N 153RD TER	Local Road	348.495	703.119	2022-08-12	47.8
10166	N 157TH TER	Local Road	624.887	1503.38	2022-08-12	47.7
10233	WILLOW DR	Local Road	349.965	942.881	2022-08-24	47.3
10238	N 154TH ST	Local Road	933.909	1885.89	2022-08-12	46.8
10086	HICKORY ST	Local Road	344.247	996.906	2022-08-12	46.7
10201	CHRISTIE DR	Local Road	553.229	1733.14	2022-08-12	45.6
10359	168TH ST	Local Road	267.137	1086.33	2022-08-10	44.7
10145	CHESTNUT ST	Local Road	1928.54	3925.86	2022-08-12	42.9
10226	KLAMM ST	Local Road	209.779	725.083	2022-08-12	42.8
10387	N 157TH ST	Local Road	402.754	1046.32	2022-08-24	42.7
10153	HICKORY ST	Local Road	371.72	980.881	2022-08-12	42.6
10018	RIPLEY ST	Local Road	329.939	675.319	2022-08-12	42.3
10022	POPLAR ST	Local Road	373.322	928.918	2022-08-12	42.3

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10518	N 156TH ST	Local Road	256.761	623.906	2022-08-12	42.2
10123	N 157TH TER	Local Road	623.452	2051.89	2022-08-12	42.1
10214	KLAMM ST	Local Road	209.111	660.438	2022-08-12	39.6
10019	POPLAR ST	Local Road	410.499	1328.24	2022-08-12	39.5
10024	OLIVE ST	Local Road	321.543	683.779	2022-08-12	38.5
10409	N 158TH ST	Local Road	178.502	489.171	2022-08-12	38.1
10140	POPLAR ST	Local Road	335.654	779.252	2022-08-12	37.6
10081	KLAMM ST	Local Road	346.224	959.393	2022-08-12	36
10149	N 153RD TER	Local Road	319.568	662.621	2022-08-12	35.9
10292	AMANDA LN	Local Road	507.193	1325.97	2022-08-12	34.3
10228	N 156TH TER	Local Road	658.256	1491.75	2022-08-12	34.1
10009	MARTHA ST	Local Road	424.669	888.607	2022-08-12	33.4
10079	MARTHA ST	Local Road	80.7717	215.391	2022-08-12	33.4
10023	N 154TH TER	Local Road	774.276	1514.65	2022-08-12	33.2
10038	HICKORY ST	Local Road	349.998	913.198	2022-08-12	32.9
10155	POPLAR ST	Local Road	348.584	893.464	2022-08-12	32.4
10014	HICKORY ST	Local Road	295.168	651.439	2022-08-12	29
10091	N 157TH ST	Local Road	650.495	1696.97	2022-08-12	28
10636	ALLEY	Local Road	168.161	162.987	2022-08-12	27.3
10453	EVANS RD	Collector	1063.49	2884.2	2022-08-10	100
10458	EVANS RD	Collector	358.674	965.258	2022-08-12	100
10427	163RD ST	Collector	42.2004	220.325	2022-08-12	99.2
10415	PARALLEL RD	Collector	936.675	2804.26	2022-08-12	99.2
10469	DONAHOO RD	Collector	982.916	2982.53	2022-08-12	98.9
10220	N 147TH ST	Collector	979.876	3664.09	2022-08-12	98.5
10451	166TH ST	Collector	952.331	2634.19	2022-08-12	98.5
10435	FAIRMOUNT RD	Collector	1225.98	3670.28	2022-08-12	98.4
10434	166TH ST	Collector	3506.04	9306.62	2022-08-10	97.9
10221	N 147TH ST	Collector	2561.97	9630.44	2022-08-12	97.3
10467	FAIRMOUNT RD	Collector	268.402	837.825	2022-08-12	96.6
10452	150TH ST	Collector	903.241	2614.69	2022-08-12	95.6
10433	EVANS RD	Collector	272.483	641.131	2022-08-12	93.9
10335	N 150TH ST	Collector	1071.45	2904.93	2022-08-12	90

Exhibit 1 - Pavement Inventory and Assessment Information

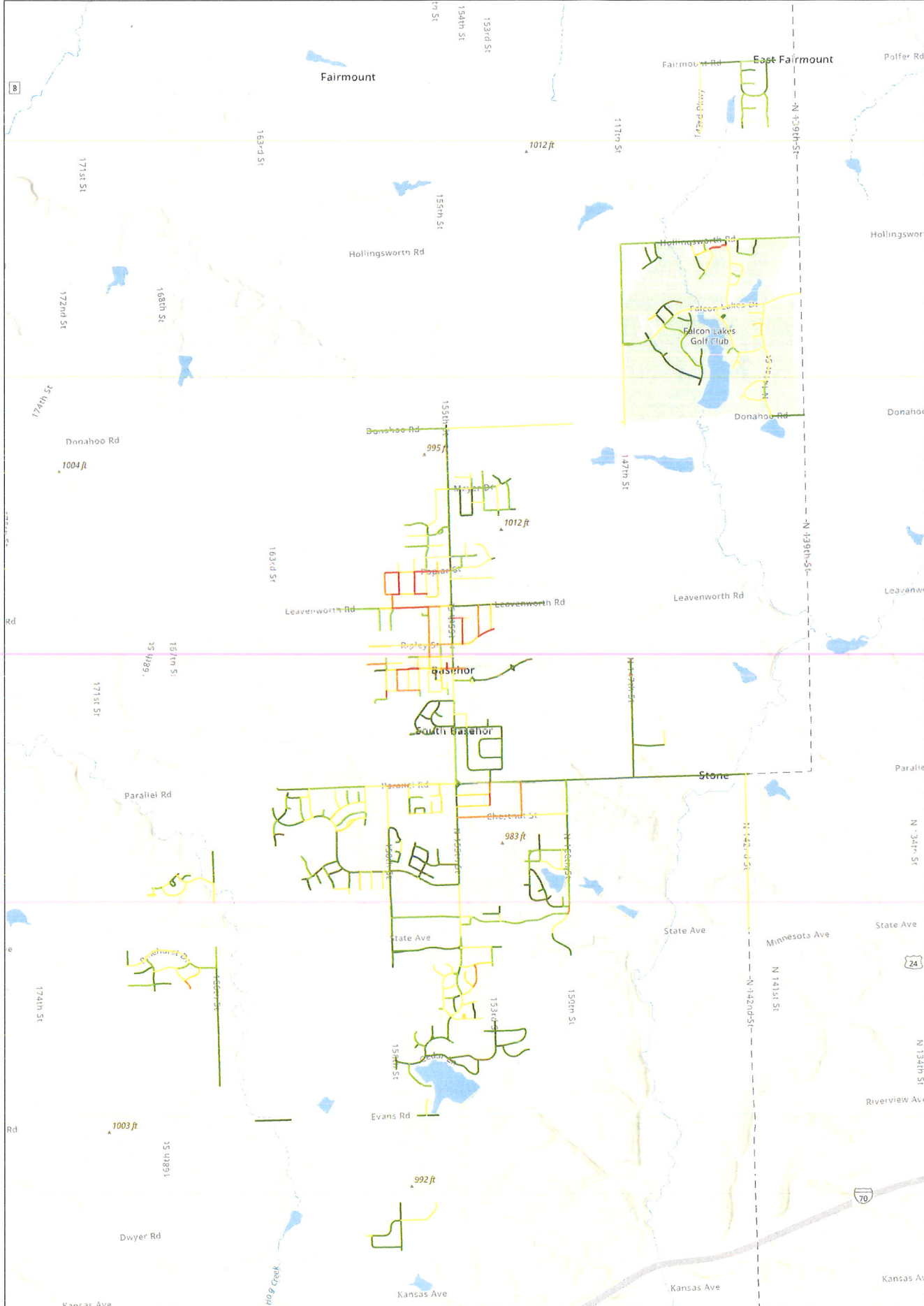
Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10426	DONAHOO RD	Collector	1940.84	4883.81	2022-08-12	89.6
10463	DONAHOO RD	Collector	372.266	992.709	2022-08-12	88.6
10412	147TH ST	Collector	2987.12	11370	2022-08-24	87.5
10372	166TH ST	Collector	610.107	3303.58	2022-08-10	83.7
10421	FAIRMOUNT RD	Collector	755.831	2093.06	2022-08-12	83.7
10144	N 150TH ST	Collector	1010.85	2654.8	2022-08-12	82.8
10440	PARALLEL RD	Collector	1671.27	4726.79	2022-08-24	81.9
10336	N 150TH ST	Collector	565.851	1618.94	2022-08-12	81.1
10328	N 150TH ST	Collector	1121.99	3226.25	2022-08-12	80.7
10446	DONAHOO RD	Collector	226.763	604.7	2022-08-12	79.4
10441	FAIRMOUNT RD	Collector	95.0472	4844.2	2022-08-12	78.4
10464	147TH ST	Collector	2405.98	9160.47	2022 08 24	78.1
10216	PARALLEL RD	Collector	610.052	1073.52	2022-08-24	77.2
10420	DONAHOO RD	Collector	3666.54	9777.45	2022-08-12	74.7
10450	166TH ST	Collector	574.737	2124.63	2022-08-12	71.2
10365	N 150TH ST	Collector	769.499	2495.08	2022-08-12	69.2
10399	N 142ND ST	Collector	4550.23	11511.5	2022-08-12	68.8
10417	142ND ST	Collector	60.5955	57690.2	2022-08-12	68.8
10476	PARALLEL RD	Collector	49.0011	958.959	2022-08-24	64.1
10527	N 150TH ST	Collector	206.841	724.265	2022-08-24	49.8
10031	N 155TH ST	Arterial	415.661	1065.65	2022-08-24	100
10431	158TH ST	Arterial	139.483	977.536	2022-08-24	100
10465	155TH ST	Arterial	100.917	4883.81	2022-08-24	100
10413	158TH ST	Arterial	392.492	2657.06	2022-08-24	100
10430	158TH ST	Arterial	107.496	2361.96	2022-08-24	100
10456	158TH ST	Arterial	520.697	2885.87	2022-08-24	100
10143	PARALLEL RD	Arterial	1017.66	3051.6	2022-08-12	99.2
10429	158TH ST	Arterial	220.42	1020.92	2022-08-24	99
10345	N 158TH ST	Arterial	304.314	1171.17	2022-09-13	98.9
10083	PARALLEL RD	Arterial	1357.04	3687.38	2022-08-12	98.8
10078	N 155TH ST	Arterial	353.603	961.592	2022-08-12	98.5
10454	158TH ST	Arterial	339.52	2361.96	2022-08-24	98.5
10094	N 155TH ST	Arterial	881.163	2354.4	2022-08-12	98.3

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10169	N 155TH ST	Arterial	800.029	2149.7	2022-08-12	98.1
10029	N 155TH ST	Arterial	1806.51	5107.42	2022-08-12	97.3
10114	PARALLEL RD	Arterial	2001.91	5503.17	2022-08-12	97.2
10097	N 155TH ST	Arterial	1131.6	3094.08	2022-08-12	96.2
10093	N 155TH ST	Arterial	779.736	2150.73	2022-08-12	96
10001	LEAVENWORTH RD	Arterial	385.748	1125.71	2022-08-12	95.7
10052	N 158TH ST	Arterial	1725.8	5446.39	2022-08-24	95.1
10242	N 155TH ST	Arterial	353.894	1108.73	2022-08-12	94.6
10628	158TH ST	Arterial	98.4369	409.104	2022-08-12	94.2
10614	158TH ST	Arterial	789.691	3724.16	2022-08-12	94.2
10141	LEAVENWORTH RD	Arterial	790.288	2184.22	2022-08-12	94.1
10416	HOLLINGSWORTH RD	Arterial	2109.93	5974.48	2022-08-12	92.8
10375	LEAVENWORTH RD	Arterial	1577.27	4621.98	2022-08-12	92.5
10439	158TH ST	Arterial	560.308	2870.01	2022-08-24	92.4
10442	PARALLEL RD	Arterial	99.8498	129.193	2022-08-12	91.5
10378	PARALLEL RD	Arterial	3306.11	9240.61	2022-08-12	91.5
10589	N 158TH ST	Arterial	999.856	2969.42	2022-08-24	91.4
10623	N 155TH ST	Arterial	367.974	1041.56	2022-08-12	91
10028	N 155TH ST	Arterial	1917.57	5319.13	2022-08-12	89.4
10098	N 155TH ST	Arterial	256.9	641.081	2022-08-12	89.1
10418	HOLLINGSWORTH RD	Arterial	1010.96	2942.17	2022-08-12	88.3
10027	N 155TH ST	Arterial	372.253	1084.47	2022-08-12	86.9
10428	HOLLINGSWORTH RD	Arterial	1281.31	3951.64	2022-08-12	86.1
10225	N 155TH ST	Arterial	414.548	1522.51	2022-08-12	85.1
10209	PARALLEL RD	Arterial	906.753	2378.77	2022-08-12	84.2
10438	HOLLINGSWORTH RD	Arterial	541.511	1726.12	2022-08-12	81.8
10076	LEAVENWORTH RD	Arterial	1241.88	3881.76	2022-08-12	81.7
10244	N 155TH ST	Arterial	361.327	1317.31	2022-08-24	78.9
10414	HOLLINGSWORTH RD	Arterial	353.859	1165.57	2022-08-12	78.7
10030	N 155TH ST	Arterial	590.985	2355.94	2022-08-12	77.9
10210	PARALLEL RD	Arterial	480.779	1325.3	2022-08-12	76.2
10344	158TH ST	Arterial	1238.83	3328.05	2022-08-24	71.3
10211	PARALLEL RD	Arterial	914.26	2479.28	2022-08-12	67.1

Exhibit 1 - Pavement Inventory and Assessment Information

Segment ID	Street Name	Basehor Classification	Length	Surface Area	Inspection Date	Rating
10005	LEAVENWORTH RD	Arterial	347.84	940.915	2022-08-12	56.7
10146	LEAVENWORTH RD	Arterial	404.194	1107.45	2022-08-12	55.2
10262	PARALLEL RD	Arterial	609.931	1255.31	2022-08-24	48.2
10227	LEAVENWORTH RD	Arterial	329.491	856.834	2022-08-12	46.7
10010	LEAVENWORTH RD	Arterial	1065.02	2645.22	2022-08-12	36
10398	N 142ND ST	Minor Arterial	62.9592	57690.2	2022-08-12	68.8
10475	139TH ST	Freeway	101.995	327.732	2022-08-12	95.4
10470	DONAHOO RD	Freeway	74.9522	160.211	2022-08-12	98.9
10379	155TH ST	Minor Arterial	57.7002	2068.22	2022-08-12	73.1
10448	166TH ST	Minor Arterial	173.638	13048.2	2022-08-24	98
10447	150TH ST	Minor Arterial	56.8223	26398.5	2022-08-12	69.2
10362	STATE AVE	Minor Arterial	11621.7	57690.2	2022-08-12	97.6
10472	139TH ST	Freeway	102.384	559.543	2022-08-12	90
10444	STATE AVE	Minor Arterial	2661.66	13048.2	2022-08-12	98.3
10461	STATE AVE	Minor Arterial	2290.92	8922.14	2022-08-12	98
10455	158TH ST	Minor Arterial	55.3092	2657.06	2022-08-24	92.4
10473	139TH ST	Freeway	1683.35	8579.25	2022-08-12	98.3
10363	STATE AVE	Minor Arterial	4061.92	23210.3	2022-08-10	99.1
10477	STATE AVE	Minor Arterial	56.2357	149.962	2022-08-12	100
10449	STATE AVE	Minor Arterial	70.4015	13048.2	2022-08-12	100
10474	139TH ST	Freeway	3611.77	17904	2022-08-12	95.4
10364	STATE AVE	Minor Arterial	5463.58	26398.5	2022-08-12	97.7



Basehor, KS Roads

PCI Rating

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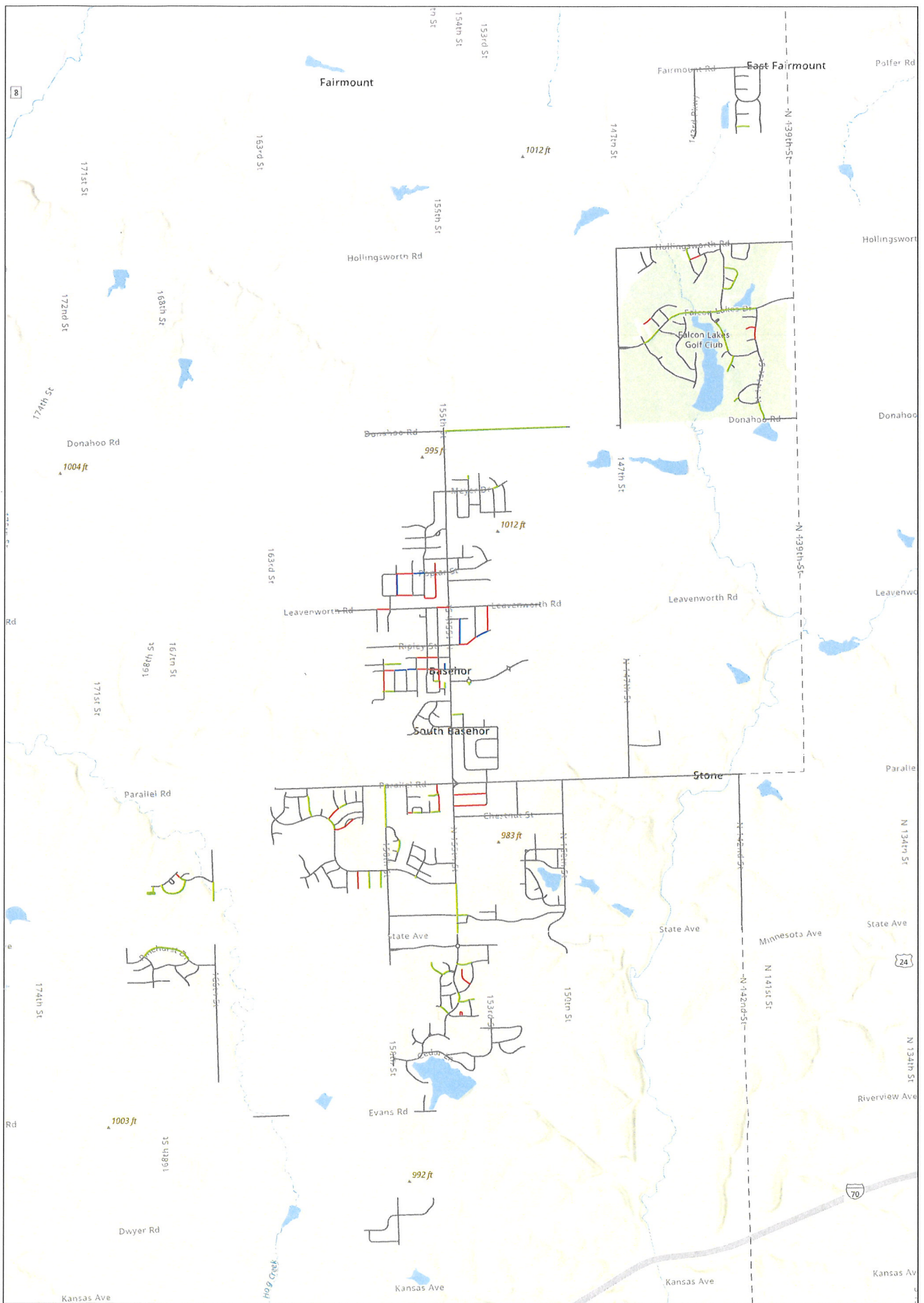
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Basehor, KS Roads
 Year 1 Recommended
 Activity

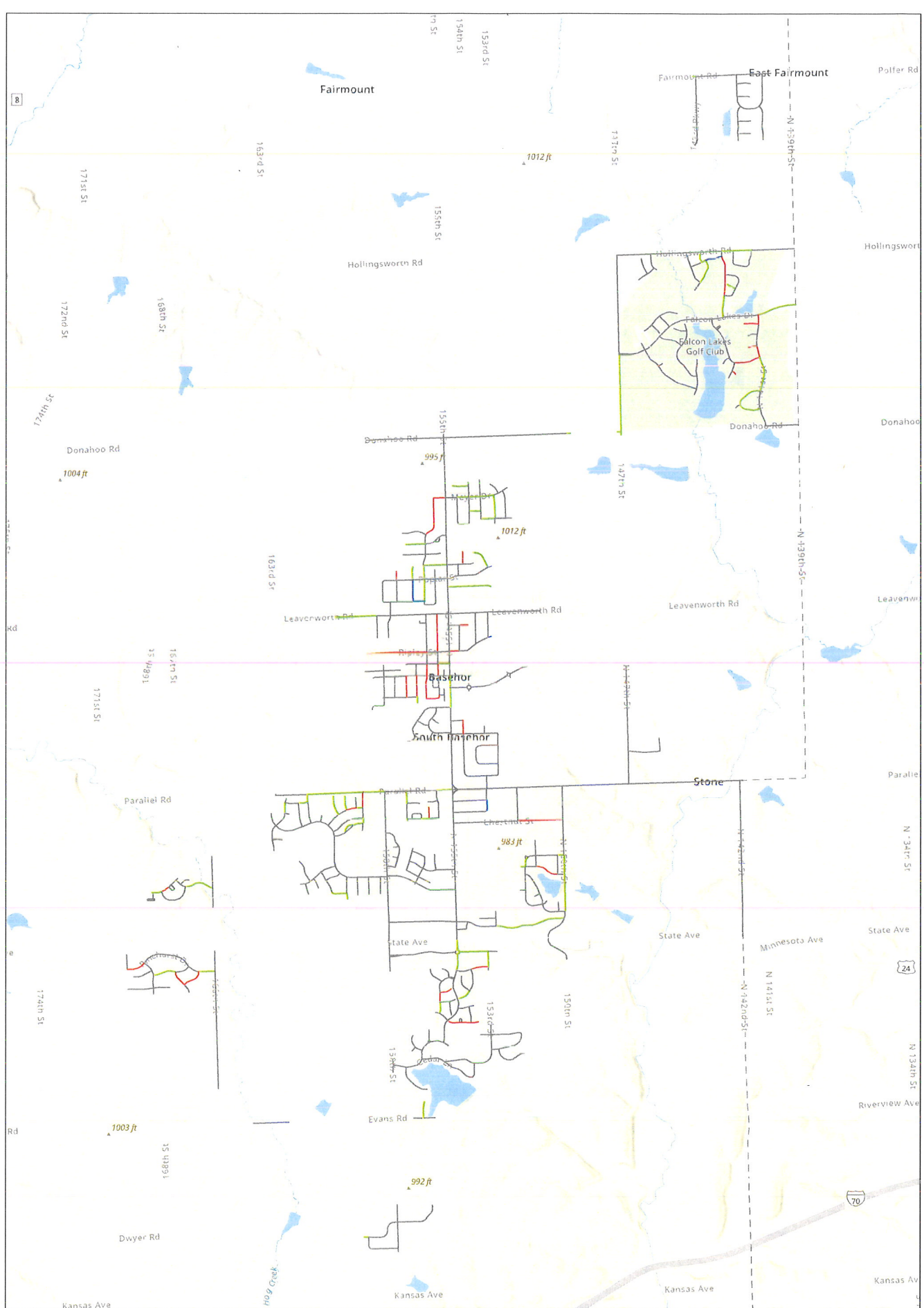
- Mill and Overlay
- Reconstruction
- No Work
- Microsurfacing



GBA

0 0.25 0.5 1 1.5 Miles

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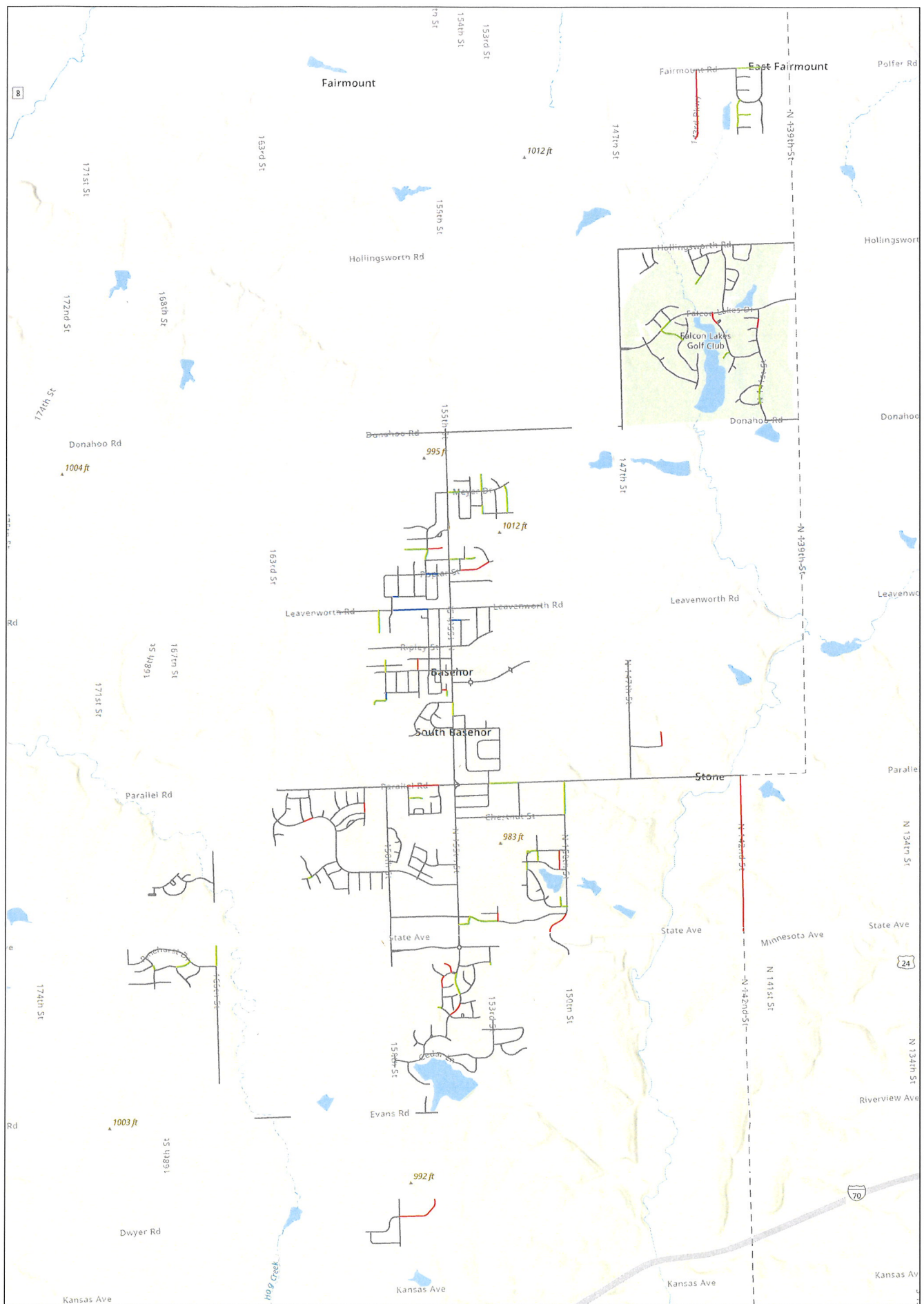
- Basehor, KS Roads
- Mill and Overlay
 - Reconstruction
 - No Work
 - Microsurfacing



GBA



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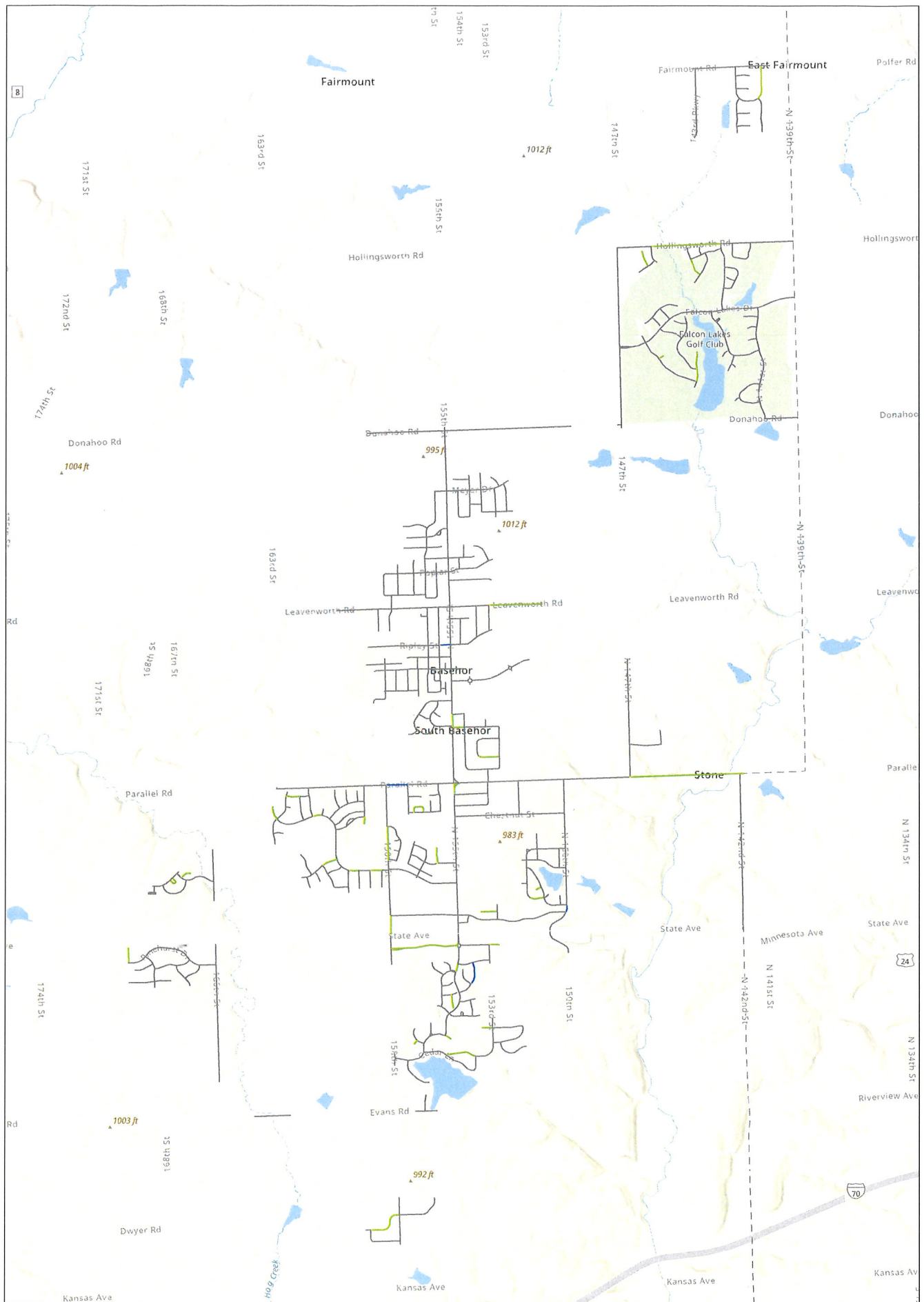
- Basehor, KS Roads
- Year 3 Recommended Activity
 - Mill and Overlay
 - Reconstruction
 - No Work
 - Microsurfacing



GBA



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Basehor, KS Roads — Reconstruction
 Year 5 Recommended — No Work
 Activity
 — Microsurfacing



GBA



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