

RESOLUTION No. 23-79

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AUTHORIZING THE CITY MANAGER TO ADOPT THE PAVEMENT EVALUATION AND FIVE-YEAR MAINTENANCE AND REHABILITATION PLAN COMPLETED IN MARCH OF 2023; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the City of Doral (“City”) Public Works Department (“PWD”) has been implementing a five-year capital improvement program (“CIP”) for pavement maintenance and the rehabilitation of local roads under the jurisdiction of the City for the past years; and

WHEREAS, the most recent five-year CIP for roadway maintenance and rehabilitation was completed, and an update was required to conduct an evaluation of the pavement condition for the City’s local roads; and

WHEREAS, the purpose of conducting a program update, is to provide PWD with information be able to confirm and extend the service life of the pavement, re-prioritize scheduled maintenance, and maximize use of available funds; and

WHEREAS, pursuant to the above need, the PWD requested a proposal from Marlin Engineering, Inc. for the provision of an update to the Pavement Management Program which includes a quantitative and qualitative evaluation of all roadway pavement under the jurisdiction of the City, and the development of a five-year roadway rehabilitation CIP; and

WHEREAS, at the May 2022 City Council Meeting, the Mayor and City Councilmembers adopted Resolution No. 22-78 approving the execution of Work Order

No. 7 for Marlin Engineering to perform the Pavement Evaluation and Five-Year Maintenance and Rehabilitation Plan Study ("Study"); and

WHEREAS, Marlin Engineering completed the attached Study which is presented to the City Council for adoption; and

WHEREAS, the proposed CIP included on the Study will allow the City to develop a 5 Year Capital Improvement Plan with an estimated expenditure of \$5,480,556.74 for the five-year period; and

WHEREAS, the CIP does not require the City to allocate funding for any specific site, nor does it require the City to design and construct projects in the proposed order or magnitude; and

WHEREAS, the intent of the Study is to serve as a guide to the City in correlating the projects with an order and/or a cost magnitude; and

WHEREAS, the funds will be allocated, and the order of the projects will be determined, based on necessity and availability of funding; and

WHEREAS, PWD staff respectfully requests that the Mayor and City Councilmembers adopt the Pavement Evaluation and Five-Year Maintenance and Rehabilitation Plan Study and authorize City staff to proceed with the implementation of the recommendations presented by the Study; and

WHEREAS, funding for the design phase is available and will be budgeted in subsequent Fiscal Years in the Public Works Transportation Fund, "Construction in Progress" Account, Account No. 101.800005.500650, and funding for the construction

phase will be budgeted in Fiscal Year 2023-24 Transportation Fund, "Capital Outlay – Street Improvement" Account, Account No. 101.800005.500633.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:

Section 1. Recitals. The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

Section 2. Approval. The adoption of the Pavement Evaluation and Five-Year Maintenance and Rehabilitation Plan completed in March of 2023 by Marlin Engineering Inc, a copy which is attached hereto as Exhibit "A", is hereby approved.

Section 3. Implementation. The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and provisions of this Resolution.

Section 4. Effective Date. This Resolution shall become effective immediately upon its adoption.

The foregoing Resolution was offered by Councilmember Puig-Corve who moved its adoption. The motion was seconded by Vice Mayor Pineyro and upon being put to a vote, the vote was as follows:

Mayor Christi Fraga	Yes
Vice Mayor Rafael Pineyro	Yes
Councilwoman Digna Cabral	Yes
Councilwoman Maureen Porras	Yes
Councilman Oscar Puig-Corve	Yes

PASSED AND ADOPTED this 10 day of April, 2023.



CHRISTI FRAGA, MAYOR

ATTEST:



CONNIE DIAZ, MMC
CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:



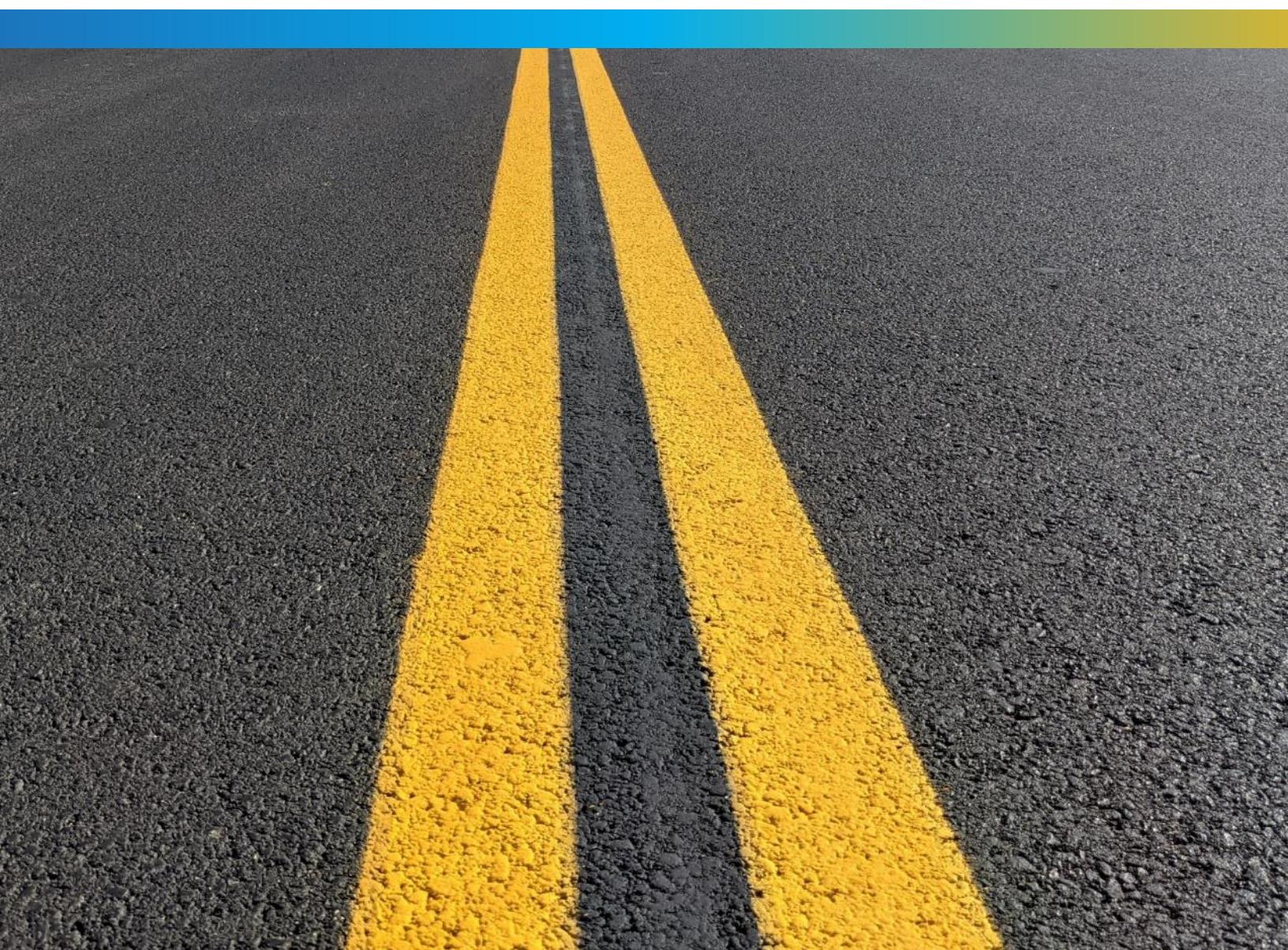
VALERIE VICENTE, ESQ. for
NABORS, GIBLIN & NICKERSON, P.A.
CITY ATTORNEY

EXHIBIT “A”



CITY OF DORAL

2022 Pavement Evaluation & Five-Year Maintenance and Rehabilitation Plan



PREPARED BY

MARLIN Engineering, Inc.

3363 W. Commercial Blvd, Suite 115

Fort Lauderdale, FL 33309

P: 954.870.5070 | www.marlinengineering.com

MARLIN

CITY OF DORAL

2022 Pavement Evaluation & Five-Year Maintenance and Rehabilitation Plan

PREPARED FOR:



PREPARED BY:

MARLIN

MARLIN Engineering, Inc.
3363 W Commercial Blvd, Suite 115
Fort Lauderdale, FL 33309





CITY OF DORAL

2022 Pavement Evaluation & Five-Year Maintenance and Rehabilitation Plan | March 2023

Professional Engineer Certificate

I hereby certify that I am a registered professional engineer in the State of Florida practicing with Marlin Engineering, Incorporated, a corporation authorized to operate as an engineering business by the State of Florida Department of Professional Regulation, Board of Professional Engineers, and that I have prepared or approved the evaluation, findings, opinions, conclusions, or technical advice hereby for:

PROJECT: Doral 2022 Pavement Evaluation & Five-Year Maintenance & Rehabilitation
LOCATION: City of Doral, FL
PREPARED FOR: City of Doral

I acknowledge that the procedures and references used to develop the results contained in these computations are standard to the professional practice of transportation engineering as applied through professional judgment and experience.

NAME: Myra E. Patino, P.E., PMP

P.E. NO.: 56804

DATE: March 29, 2023

SIGNATURE:

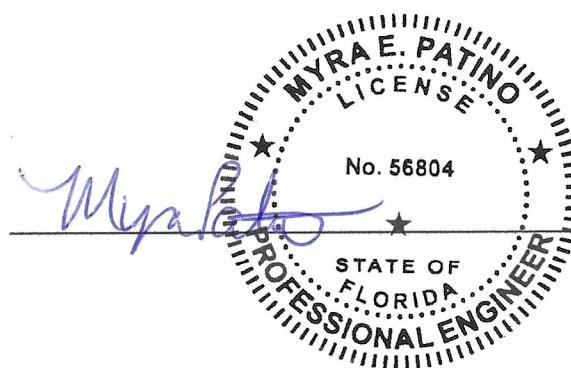




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Appendix A – Pavement Condition Survey**Appendix B – Recommended Projects - Summary Table / Project Tables**



1.0 Introduction

Marlin Engineering, Inc. was retained by the City of Doral to perform an evaluation of pavement conditions on all City-maintained roadways and to update the City of Doral's five-year pavement management program. This data was used to rate the pavement based on guidelines from the Florida Department of Transportation's (FDOT) *2022 Flexible Pavement Condition Survey (PCS) Handbook*. The PCS handbook provides guidance on the procedures for conducting a visual, mechanical and automated condition evaluation of flexible pavement systems. The data collected during the PCS will be used as input into the Pavement Management System (PMS) and can also be used for purposes of project prioritization.

The ultimate objective of this project is to serve as an update to the Pavement Evaluation & Five-Year Maintenance and Rehabilitation Report (March 2017). This will be completed by performing a survey of all City owned roads, determine roadway conditions using the FDOT rating method, and identify a future five-year pavement maintenance and rehabilitation (M&R) plan for the City of Doral. The PMS will assist the City of Doral in making decisions regarding M&R and help with the scheduling of M&R during the appropriate stages of pavement deterioration.



2.0 Methodology

As part of the previously completed pavement condition surveys, the City of Doral utilized the Pavement Condition Index (PCI) rating method and PAVER™ software to determine deterioration curves and future maintenance plans. In PCI method, a numerical value (between 0 and 100) is assigned to each segment which is calculated based on twenty (20) different types of pavement distress on a sample of the network.

As part of the current effort, the city has decided to utilize the FDOT pavement evaluation method which consists of visually estimating cracking within each roadway section and through use of an inertial profiler to collect rut and ride data at posted speeds. Ratings for cracking, rut and ride fall into a scale of 1 to 10, with 10 being the lowest level of distress. Due to the change in evaluation methods historical data is not compatible with current collected data; therefore, a prediction of pavement performance could not be done using a trend analysis. Pavement prioritization was developed based on the existing levels of distress of the pavement and the age of pavement at the time of survey.

2.1 Roadway Network Inventory

As a starting point, a Geographic Information System (GIS) base shapefile of Doral's road network was reviewed to identify all City (Doral), Private (Gated Developments), County (Miami-Dade County), and State (Florida) owned roads including street names, ownership, and section length. Also contained in the database was the classification for each roadway section used in the Section Ranking. The database was modified as required to match current field conditions. A map of all the current roads and ownership within the City of Doral is presented in **Figure 1**.



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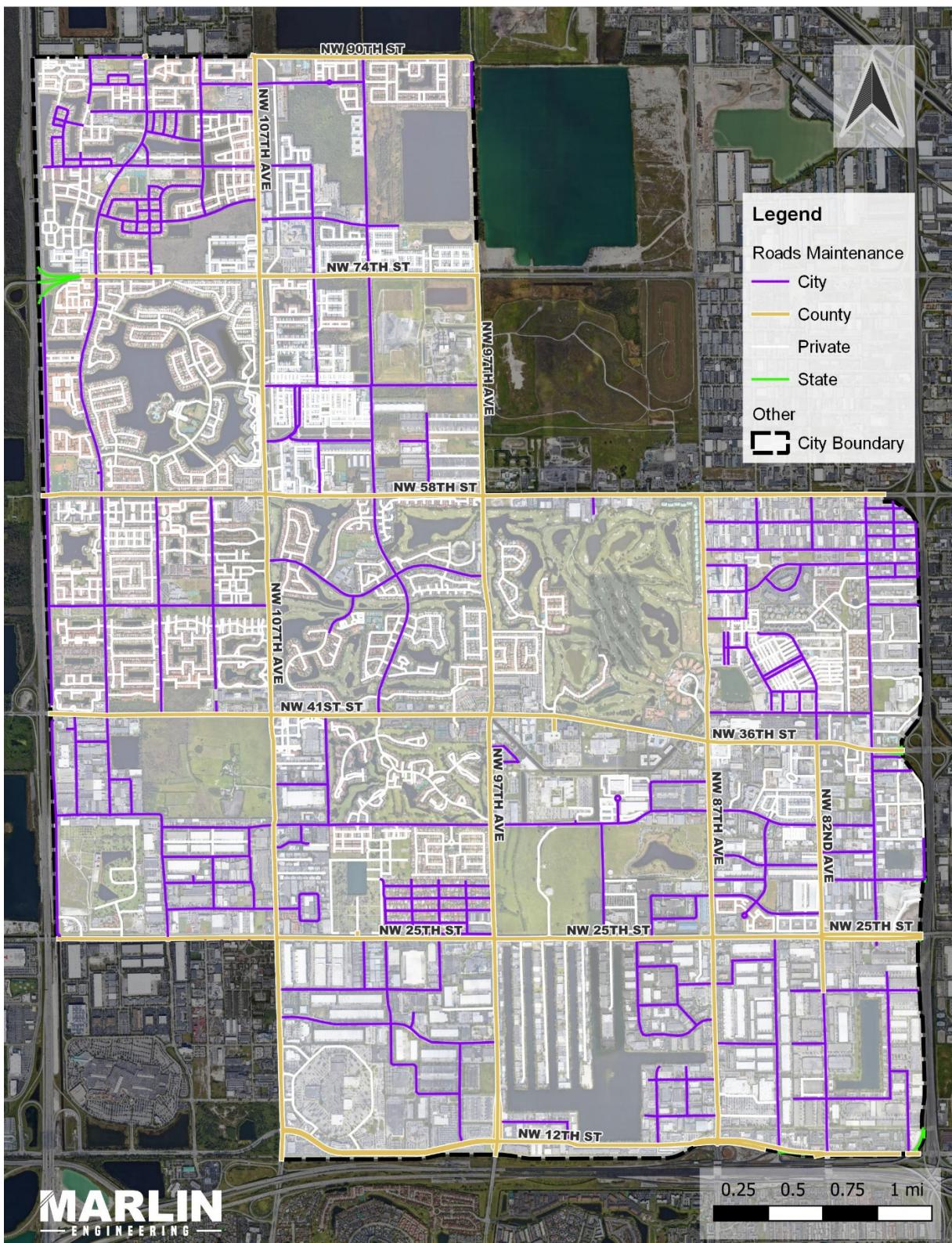


Figure 1. City of Doral Roads Map



2.2 Pavement Conditions and Rating

As a general rule, Florida's highways are typically rated on three criteria: wheel path rutting, cracking, and ride quality. If a section of highway is graded less than 6.4 out of 10 for any of the categories, then the pavement is listed as deficient. However, where the posted speed is 45 mph or less, a rating of 5.4 or less for ride quality is deemed deficient.

As part of the 2022 FDOT Pavement Evaluation Method, the distress of each roadway section is visually estimated for the following:

- Cracking by Class (IB, II, or III)
- Rut Rating
- Patching
- Raveling
- Ride Rating

The network pavement condition survey was performed using ICC's IrisPRO Pave survey vehicles. The IrisPRO Pave is equipped with an ICC inertial profiler, second-generation Laser Crack Measurement System (LCMS-2 from Pavometrics), Point Gray Ladybug 5+ 30MP 360 camera, and iXBlue A7 with DGPS. The distress data was processed and reported based on the Florida Department of Transportation Flexible Pavement Condition Survey Handbook, 2022. In addition, high-resolution digital images were used. The collected imagery is calibrated and to provide asset inventory information for the City.

2.2.1 Crack Rating

Based on the 2022 FDOT Flexible Pavement Evaluation Method, pavement cracking is one of the most important criteria to determine the pavement condition. Cracking is generally the first sign of failure. If left untreated, cracks in the pavement surface will spread downward through the asphalt until they reach the underlying lime rock base. If a crack reaches the base material, it provides an avenue for water to penetrate the pavement structure. Introduction of water into the pavement base is the surest way to cause a pavement to completely fail, requiring total



reconstruction of the roadway at a cost significantly higher than resurfacing. Consideration is given to three (3) types of cracking in flexible pavements described as follows:

- **Class IB** - Hairline cracks that are less than or equal to $\frac{1}{8}$ inch (3.18 mm) wide in either the longitudinal or transverse direction. These are mostly single cracks with no or only a few connecting cracks, cracks are not spalled, and pumping is not evident. These cracks are estimated individually for the total linear length of the cracks. The width of the affected area is considered 1 foot (0.30 m)
- **Class II** - Cracks greater than $\frac{1}{8}$ inch (3.18 mm) and less than or equal to $\frac{1}{4}$ inch (6.35 mm) wide in either the longitudinal or transverse direction. These may have slight spalling and slight to moderate branching; cracks may be sealed; pumping is not evident. Also includes all cracks less than or equal to $\frac{1}{4}$ inch (6.35 mm) wide that have formed cells less than or equal to 2 feet (0.61 m) on the longest side, also known as alligator cracking. Class II cracks are considered rectangular, and the total affected area in square feet is counted.
- **Class III (including Raveling and Patching)** - Cracks greater than $\frac{1}{4}$ inch (6.35 mm) wide that extend in a longitudinal or transverse direction and cracks that are opened to the base or underlying material. These cracks often exhibit moderate or severe spalling, and often form a complete pattern, such as alligator cracking. They also include progressive Class II cracking with severe spalling or pumping. Class III cracks are considered rectangular, and the total affected area in square feet is counted.

During the crack rating calculation, all cracking estimations, including raveling and patching, are combined as follows:

$$\text{Class 1B} + \text{Class II} + \text{Class III} + \text{Raveling} + \text{Patching} = \text{Total Percent Affected Area}$$

The affected area is calculated for both, inside the wheel path area (CW) and cracking outside the wheel path area (CO). **Figure 2** shows the wheel path designation; while **Table 1** shows the tabulation for crack rating deductions.



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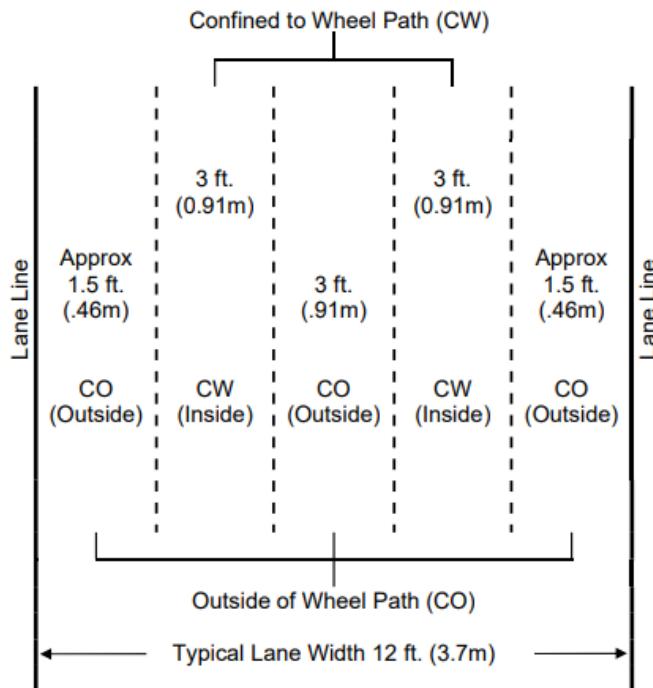


Figure 2. Wheel Path Designation¹

Table 1. Numerical Deduction for Cracking Method

Percent of Pavement area affected by cracking	CONFINED TO WHEEL PATHS (CW) PREDOMINANT CRACKING CLASS					
	1B CRACKING		II CRACKING		III CRACKING (Including Raveling & Patching)	
	CODE	DEDUCT	CODE	DEDUCT	CODE	DEDUCT
00 .. 05	A	0.0	E	0.5	I	1.0
06 .. 25	B	1.0	F	2.0	J	2.5
26 .. 50	C	2.0	G	3.0	K	4.5
51 +	D	3.5	H	5.0	L	7.0

Percent of Pavement area affected by cracking	OUTSIDE OF WHEEL PATHS (CO) PREDOMINANT CRACKING CLASS					
	1B CRACKING		II CRACKING		III CRACKING (Including Raveling & Patching)	
	CODE	DEDUCT	CODE	DEDUCT	CODE	DEDUCT
00 .. 05	A	0.0	E	0.0	I	0.0
06 .. 25	B	0.5	F	1.0	J	1.0
26 .. 50	C	1.0	G	1.5	K	2.0
51 +	D	1.5	H	2.0	L	3.0

¹ 2022 Flexible Pavement Condition Survey Handbook



Crack rating is finally obtained by input the deductions values in the following formula:

$$\text{Crack Rating} = 10 - (\text{CW} + \text{CO})$$

Cracks in the pavement are generally cause by:

- Poorly constructed paving joints
- Shrinkage of the asphalt layer
- Daily temperature differential
- Cracks in underlying layer that reflect up through the pavement
- Longitudinal segregation caused by the improper pavement installation

Examples of cracks in the pavement are shown in **Figure 3**:



Figure 3. Class III crack, extend in a longitudinal direction

2.2.2 Rut Rating

Wheel path rutting is the most important rating out of the three condition ratings because rutting is considered a safety hazard, especially on high-speed roadways. Rutting is especially hazardous because standing water in wheel paths can cause vehicles to hydroplane and crash. Rut data is collected using an inertial profiler (see **Figure 4** and **Figure 5**) to measure rut depths at posted speeds and record the average rut depth of the two-wheel paths for each section evaluated.



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Each rut depth is then assigned a deduct value: $\frac{1}{8}$ inch (3.18mm) of rut depth equals one (1) deduct point. The profiler rutting values are presented in **Table 3**.



Figure 4. Inertial Roadway Profiler Sensor Bar



Figure 5. Inertial Profiler Distance Measuring Equipment

Table 2. Profiler Rutting Values

RUT DEPTH (in)	RUT DEPTH (mm)	RANGE (in)	RANGE (mm)	DEDUCT	RUT RATING
0	0	0.00 - 0.06	0.00 - 1.59	0	10
1/8	3.18	0.07 - 0.19	1.60 - 4.76	1	9
1/4	6.35	0.20 - 0.31	4.77 - 7.94	2	8
3/8	9.53	0.32 - 0.44	7.95 - 11.11	3	7
1/2	12.7	0.45 - 0.56	11.12 - 14.29	4	6
5/8	15.88	0.57 - 0.69	14.30 - 17.46	5	5



RUT DEPTH (in)	RUT DEPTH (mm)	RANGE (in)	RANGE (mm)	DEDUCT	RUT RATING
3/4	19.05	0.70 - 0.81	17.47 - 20.64	6	4
7/8	22.23	0.82 - 0.94	20.65 - 23.81	7	3
1	25.4	0.95 - 1.06	23.82 - 26.99	8	2
1 1/8	28.58	1.07 - 1.19	27.00 - 30.16	9	1
1 1/4 +	31.75	1.20 +	30.17 +	10	0

Manual rut depths are required if the rated section cannot be surveyed by the profiler. However, at the rater's discretion there may be short sections from which automated rut data can be collected even though ride data would not be valid (due to speed, section length and accelerometer sensitivity). When manual rut measurements are necessary, three evenly distributed measurements per mile, using a six-foot straight edge and scale, are required. Measurements will be recorded to the nearest $\frac{1}{8}$ inch (3.18 mm). **Table 3** shows the manual rut values.

The Rut Rating is obtained by subtracting from ten (10) the deduct value associated with the profiler rut depth or manual rut depth. A Rut Rating of 10 indicates a pavement with only minor rutting.

Table 3. Manual Rutting Values

RUT DEPTH (in)	RUT DEPTH (mm)	DEDUCT	RUT RATING
0	0	0	10
1/8	3.18	1	9
1/4	6.35	2	8
3/8	9.53	3	7
1/2	12.7	4	6
5/8	15.88	5	5
3/4	19.05	6	4
7/8	22.23	7	3
1	25.4	8	2
1 1/8	28.58	9	1
1 1/4 +	31.75	10	0

Rutting can form through the deformation of the asphalt concrete pavement or subbase material. It is more common near intersections where there is braking and stopping traffic. The occurrence



of rutting is caused mainly by: insufficient compaction of Hot Mix Asphalt (HMA) layers during construction, inadequate pavement structure and improper asphalt mix. This type of distress is frequently associated with cracks on the wheel path that weakens the pavement subsurface by letting moisture pass through. The use of the roadway by heavy trucks also contributes to the formation of wheel path rutting when pavement is not properly designed.

Figures 6 and 7 show examples of rutting in different stages:



Figure 6. Light rutting



Figure 7. Advanced rutting with severe pavement displacement



2.2.3 Ride Rating

Ride quality is a measure of what the traveling public feels when they drive the roadways. Poor ride quality causes poor public perception and contributes to increase user costs in the form of vehicle maintenance. However, a poor ride does not necessarily pose a safety hazard nor does its deferred remediation necessarily result in higher maintenance costs; ride smoothness is given the least weight of the three ratings.

The International Ride Index (IRI) and Ride Number (RN) are calculated using the longitudinal profile data for each wheel path collected from the inertial profiler. The IRI is a mathematical processing of the longitudinal profile generated by the profiler to compute and report road roughness (ASTM E1926). IRI is reported in units of inches per mile (in/mi) and is scaled with 0 being the smoothest and the upper limit being infinite. The RN is also a mathematical processing of the longitudinal profile measurements and is an estimate of subjective ride quality (ASTM Standard E1489). The data is collected at the respective posted speeds and collected at the smallest sample interval possible (approximately less than one inch). The data is then processed using a profile distance of 6 inches, a moving average of 12 inches, and a 300-foot wavelength filtering. The IRI to Ride rate values are presented in **Table 4**.

Table 4. IRI to Ride Rating Values

IRI Range	Ride Rating	IRI Range	Ride Rating
1 - 12	10.0	162 – 166	5.5
13 - 28	9.2	167 – 170	5.4
29 - 32	9.1	171 – 175	5.3
33 - 34	9.0	176 – 180	5.2
35 - 37	8.9	181 – 185	5.1
38 - 39	8.8	186 – 190	5.0
40 - 42	8.7	191 – 195	4.9
43 - 46	8.6	196 – 200	4.8
47 - 50	8.5	201 – 206	4.7
51 - 54	8.4	207 – 212	4.6
55 - 58	8.3	213 – 218	4.5
59 - 62	8.2	219 – 224	4.4
63 - 66	8.1	225 – 230	4.3
67 - 70	8.0	231 -236	4.2



IRI Range	Ride Rating	IRI Range	Ride Rating
71 - 74	7.9	237 – 242	4.1
75 - 78	7.8	243 – 249	4.0
79 - 82	7.7	250 – 256	3.9
83 - 86	7.6	257 – 264	3.8
87 - 89	7.5	265 – 271	3.7
90 - 93	7.4	272 – 278	3.6
94 - 97	7.3	279 – 285	3.5
98 - 100	7.2	286 – 293	3.4
101 - 104	7.1	294 – 300	3.3
105 - 107	7.0	301 – 310	3.2
108 - 111	6.9	311 – 318	3.1
112 - 115	6.8	319 – 327	3.0
116 - 118	6.7	328 – 337	2.9
119 - 122	6.6	338 – 345	2.8
123 - 125	6.5	346 – 354	2.7
126 - 129	6.4	355 – 362	2.6
130 - 133	6.3	363 – 371	2.5
134 - 137	6.2	372 – 373	2.4
138 - 140	6.1	374 – 385	2.3
141 - 144	6.0	386 – 397	2.2
145 - 149	5.9	398 – 406	2.1
150 - 152	5.8	407 – 533	2.0
153 - 157	5.7	>=534	1.0
158 - 161	5.6		

The following points are critical to the collection and reporting of Ride Rating:

- The Ride Rating (RR) must not decrease more than 0.8 points or increase more than 0.4 points of the previous year's survey. For sections of New Pavement or New Construction, RR values must be 8.0 or more.
- Braking abruptly or accelerating rapidly (greater than 3 mph per second) produces invalid data. If this occurs the section must be re-tested.
- Moisture on the surface of the pavement may affect the signal being returned from the sensor, causing invalid data. Do not test if pavement is wet.



2.2.4 Raveling

Raveling is the wearing away of the pavement surface caused by the dislodging of aggregate particles and are classified as follows:

- Light - The aggregate and/or binder has begun to wear away but has not progressed significantly, with some loss of aggregate.
- Moderate - The aggregate and/or binder has worn away and the surface texture is becoming rough and pitted; loose particles generally exist; loss of aggregate has progressed
- Severe - The aggregate and/or binder has worn away and the surface texture is very rough and pitted, loss of aggregate very noticeable

The underlying causes of raveling are most related with low quality of the asphalt mix when applied (cold, overheated, dirty aggregate) and with aged asphalt binder.

Table 5 presents the codification system for raveling and **Figures 8, 9 and 10** show examples of this type of pavement deterioration.

Table 5. Raveling Evaluation Codes

PERCENT OF PAVEMENT AREA AFFECTED BY PATCHING	RAVELING SEVERITY AND CODE		
PERCENT	LIGHT	MODERATE	SEVERE
01 – 05	1	1	1
06 – 25	2	2	2
26 – 50	3	3	3
51 +	4	4	4

Note: Code the Predominant Severity Level only.



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Figure 8. Pavement showing severe raveling



Figure 9. Pavement showing moderate raveling



Figure 10. Pavement showing light raveling

2.2.5 Patching

A patch is an area of the pavement that has been replaced with a newer material after the time of original construction, indicating that there has been repaired. Only significant areas of patching should be considered when performing the PCS. The patching evaluation codes are provided in **Table 6**.

Table 6. Patching Evaluation Codes

PERCENT OF PAVEMENT AREA AFFECTED BY PATCHING	
PERCENT	CODE
01 .. 05	1
06 .. 25	2
26 .. 50	3
51 +	4

Examples of patching areas are shown in **Figures 11** and **12**.



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Figure 11. Longitudinal patching on pavement



Figure 12. Roadways showing pavement patching

3.0 Data Collection

Data collection involved automated surveying of the existing roadway surface of approximately 63 centerline miles of City-owned roadway including image capture of all City owned roads taken every 8 feet. The digital roadway imaging was taken from six (6) high resolution cameras mounted on the survey vehicle; the images from the different cameras can be assembled into a continuous 360-degree view. The images position and orientation data are geocoded and stored on the in-vehicle computers (see **Figures 13 and 14**) to be processed and input into the GIS database along with the data.

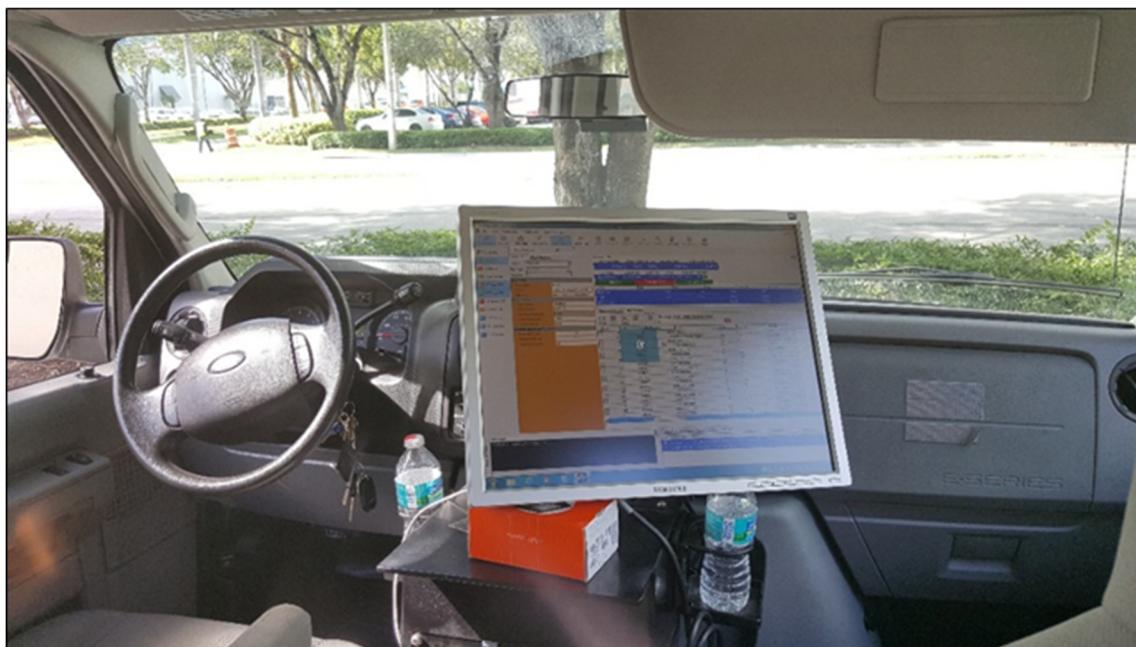


Figure 13. In-Vehicle Computer #1



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Figure 14. In-Vehicle Computer #2

It should be noted that the segment termini for the data collection from this effort do not necessarily coincide with those from the previously completed PCS reports. The results of the current PCS are provided in **Appendix A**.



4.0 Pavement Prioritization

The main purpose of the PCS is to assist the City of Doral in the decision-making process regarding M&R activities and help with the scheduling of M&R during the appropriate stages of pavement deterioration. The prediction of the performance of the pavement involves forecasting the time (either in years or accumulated axle loadings) at which the pavement will reach a level of condition requiring rehabilitation.

The performance of a given rehabilitation strategy is very difficult to predict, but is particularly sensitive to the following factors:

- Type of distress present and the structural condition of the pavement;
- The structural design (thickness, joints, etc.)
- The extent, type, and quality of previous repairs; and materials used;
- The truck traffic level;
- Climate conditions

Consequently, a prioritization methodology was developed to schedule M&R activities based on the existing levels of distress of the pavement and the age of pavement at the time of survey to identify near-term (0-1 year), midterm (2-5 years) and long-term (over 5 years) projects. The prioritization methodology is as follows:

- 1) ***Identify deficient roadway segments*** - The first step of the process is to identify the roadway segments that are currently deficient per established FDOT 2022 Flexible Pavement rating criteria (6.4 out of 10 for any of the rating categories or a rating of 5.4 or less for ride quality where the posted speed is 45 mph or less). It should be noted that several segments were identified as being deficient based on their ride ratings but were resurfaced as part of the previous 5-Year M&R effort; these segments were not recommended for rehabilitation and should be reassessed as part of the next M&R. Based on the data road network maintained by the City, a total of 352 segments were identified with a ride rating less than 5.4 out of the total 579 segments.



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A map of the currently deficient roadway segments is presented in **Figure 15**.

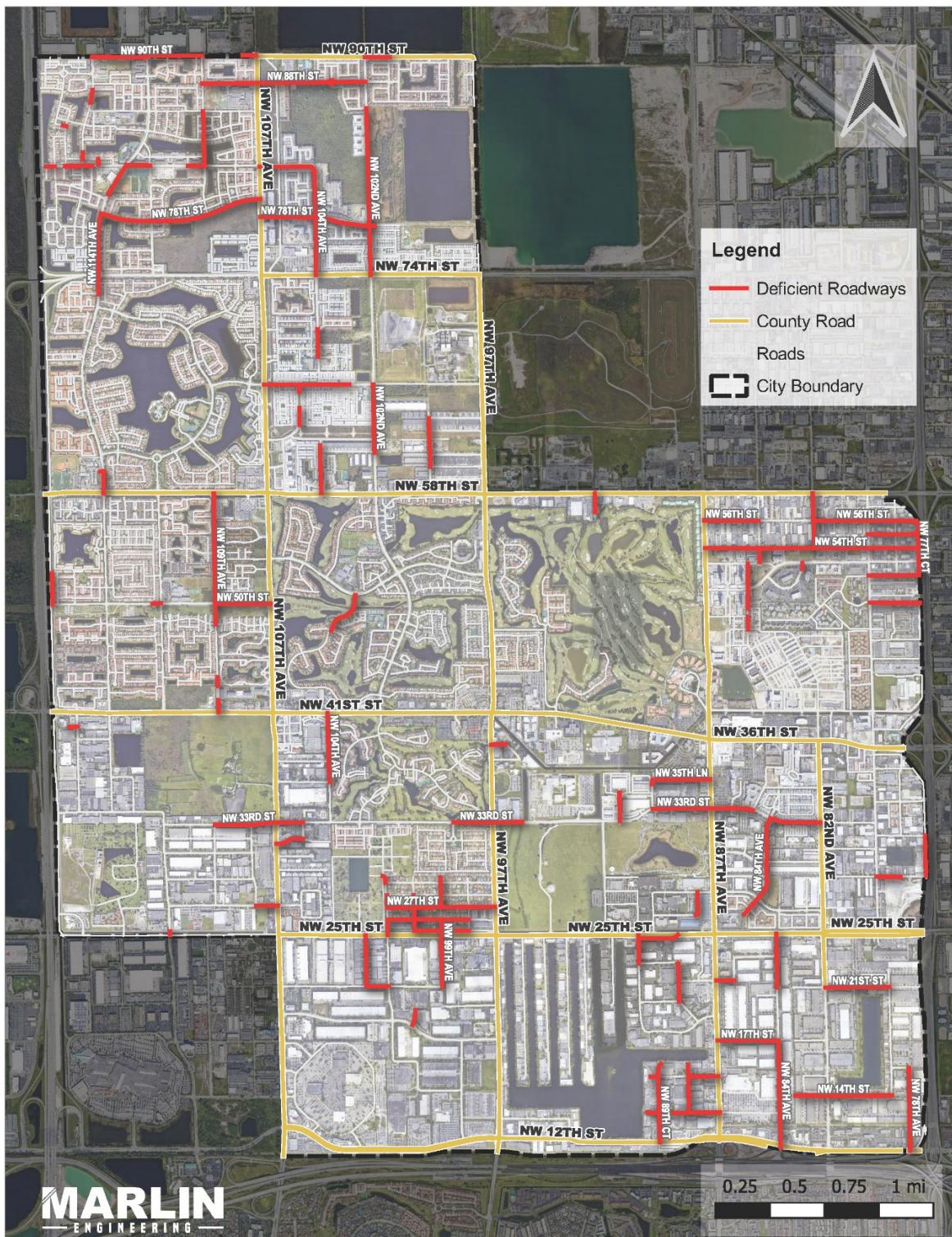


Figure 15. City of Doral Deficient Roadway Segments



2) ***Identify segments that are under construction or currently programmed*** – The City of Doral’s website and current Five-Year Capital Improvement Plan (CIP) were reviewed to identify roadway segments that are either under construction (2017) or already programmed to be improved within year 2021. For the purposes of this report, roadway segments identified as part of this step will be considered as “mitigated/improved” and will be excluded from the prioritization process. Improvement projects considered in the CIP will only include resurfacing and roadway widening projects; segments with projects listed as “drainage improvement” or “roadway improvement” will not be considered as “mitigated/improved”. After careful review of the CIP, 191 segments were selected for the pavement M&R. A map of all City roads that are either under construction or programmed to be improved is presented in **Figure 16**.

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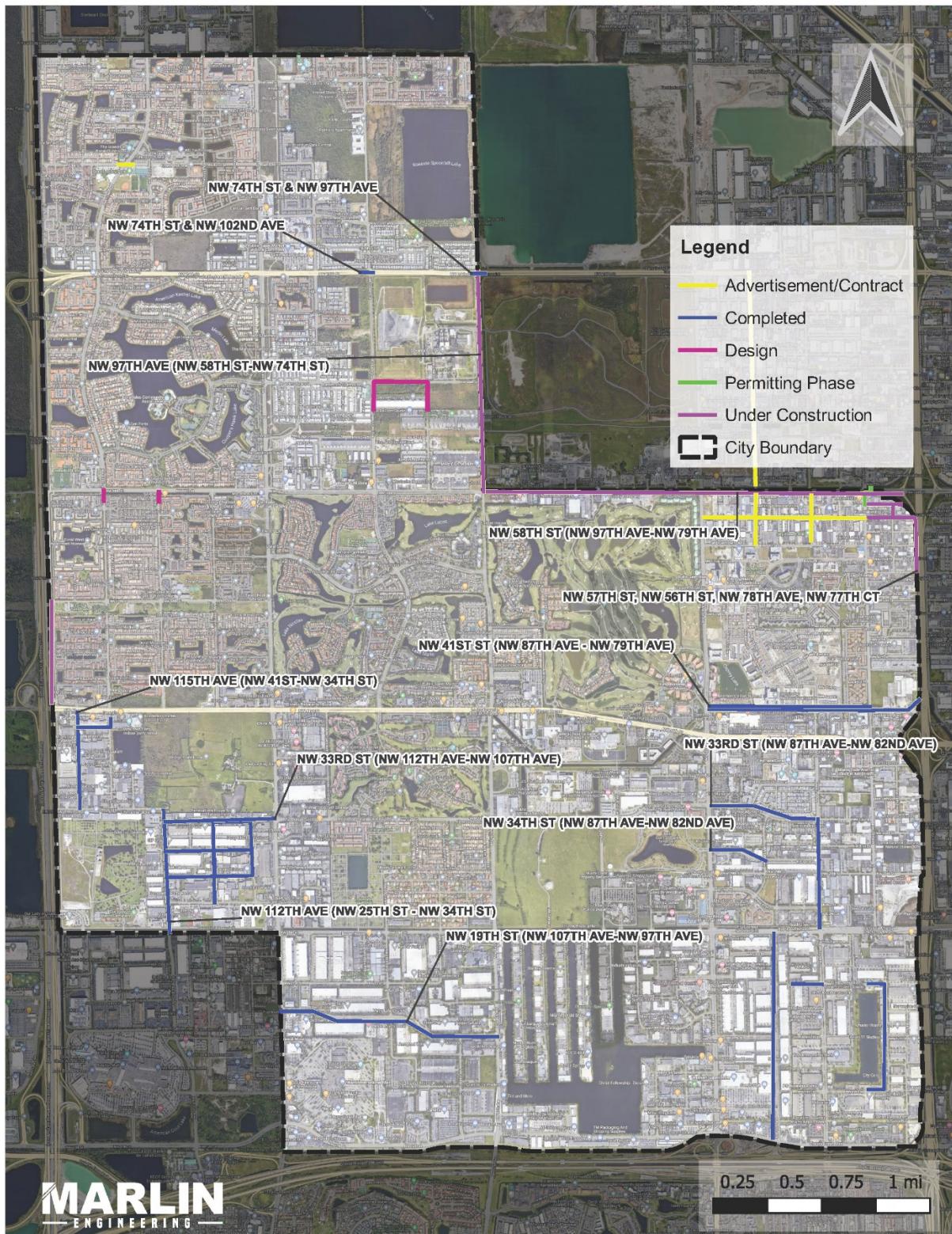


Figure 16. City of Doral Under Construction and Programmed Roadway Segments



- 3) ***Identify Near-Term Projects*** – Roadway segments identified as having a deficient crack or rut rating (below 6.4) or a ride rating below 5.4 will automatically be considered for near-term improvements (Years 1 and 2). Based on the above criteria, 191 segments were selected for the near-term improvements; 108 were selected for Year 1, while 83 were selected for Year 2.
- 4) ***Identify Mid-Term Projects*** – Roadway segments that have not been identified as currently being deficient but have a pavement age over 14 years (or expected to be over 14 years old within the next 5 years) should be scheduled for resurfacing between Year 3 and Year 5. Based on the pavement age calculations from the previous study and a desktop review using Google Street views to identify the possible year when the resurfacing of the pavement work was done for segments with missing pavement ages, a total of 102 segments were identified as Mid-Term projects (Year 3 to Year 5).

The 14-year threshold was selected considering the pavement's design period, falls between 8 and 20 years (FDOT "Flexible Pavement Design Manual"). On average, from the moment the pavement reaches over 14 years, the deterioration curve starts falling dramatically. After this period, costs of rehabilitation projects could be significantly higher, as visualized in **Figure 17, Pavement's Deterioration Curve**.

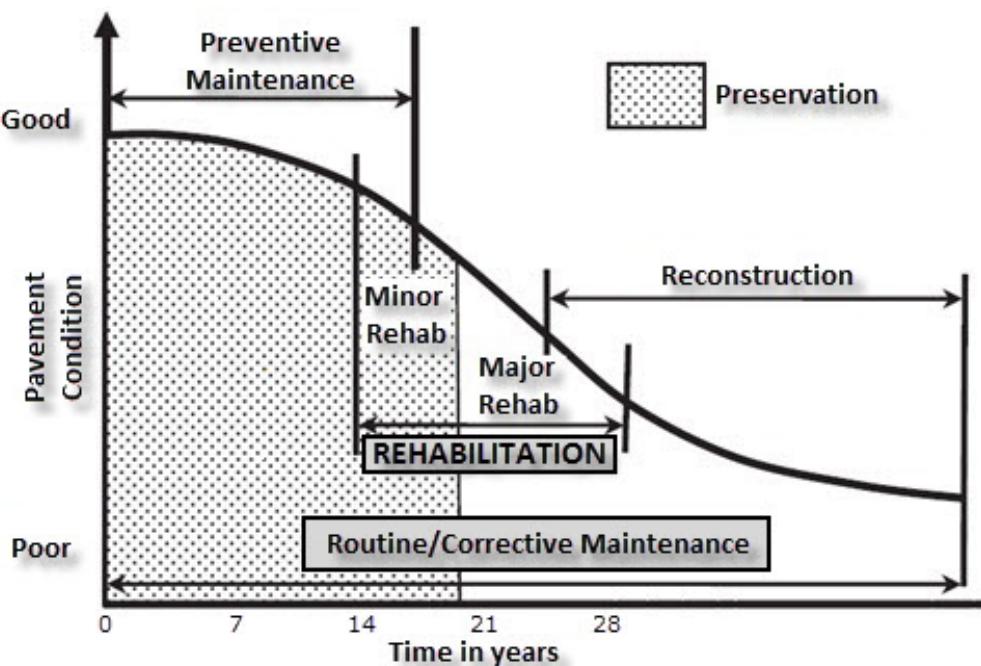


Figure 17. Pavement's Deterioration Curve^{*2}

- 5) **Identify Long-Term Projects** – Roadway segments that have not been identified as currently being deficient and have a pavement age of less than 14 years should be considered as long-term projects (over 5 years); these segments will be evaluated as part of the next PCS to further prioritize M&R activities. After selecting the near-term and mid-term projects, a total of 286 segments were selected for the long-term.

The roadway segment prioritization map is presented in **Figure 18**.

² Peshkin, D. G., K. A. Zimmerman, T. E. Freeman, and K. D. Smith. 2007. *Pavement Preservation: Preventive Maintenance Treatment, Timing, and Selection*. Participant Workbook, NHI Course No. 131115. Publication FHWA-NHI-08-007. National Highway Institute, Federal Highway Administration, U.S. Department of Transportation.



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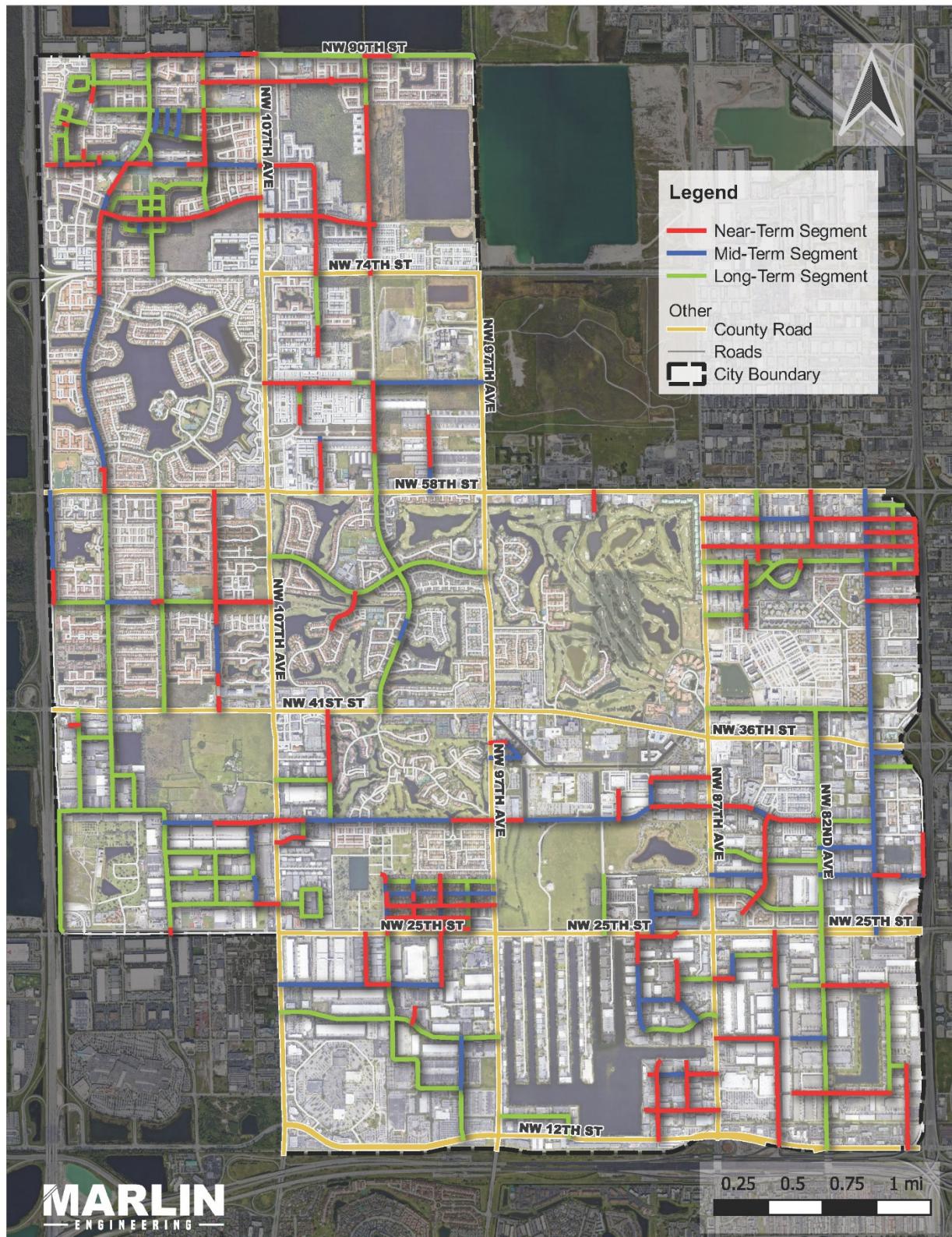


Figure 18. City of Doral Roadway Segment Prioritization Map



5.0 M&R Strategies and Unit Costs

M&R Planning is a systematic approach where a set of activities are applied to pavement sections based on distresses within pavement, budgeting and condition indicators. This approach establishes a work plan based on a selected or specified minimum distress rating for the entire network. Based on the aforementioned prioritization method, M&R activities are scheduled for the year in which each distress rating for each pavement section falls or is expected to fall below the established minimum threshold: 6.4 out of 10 for any of the rating categories or a rating of 5.4 or less for ride quality where the posted speed is 45 mph or less.

A preset M&R activity was determined based on existing distress levels to determine the overall cost for each project and help the City of Doral budget accordingly. The average cost for each M&R activity was developed based on FDOT's "*History of 12 months moving statewide average*" (August 2022) and are presented in **Table 7**.

Table 7. FDOT Historical Average Cost

M&R Work	Unit of Measurement	Average Price
Milling Existing Pavement (2" Average Depth)	SY	\$ 2.61
Milling Existing Pavement (1 1/2" Average Depth)	SY	\$ 2.85
Milling Existing Pavement (1" Average Depth)	SY	\$ 2.27
Superpave Asphaltic Concrete (Traffic C)	TN	\$ 126.55



6.0 Rehabilitation Needs and Budget Analysis

A five-year M&R plan was developed to help with the prioritization and allocation of funds over the next five years; a contingency of 20% was added to the cost of the projects to account for unforeseen costs and fluctuations in the price of construction.

It should be noted that special consideration was given to the programming of adjacent segments with dissimilar distress ratings; the scheduling of M&R activities may be rearranged to minimize Mobilization and Maintenance-of-Traffic (MOT) costs and also to diminish impacts to the traveling public. Yearly budget distribution was also taken into account when programming M&R activities.

A detailed breakdown of the cost per segment is provided in **Appendix B** and summarized in **Table 8**; the five-year M&R plan is presented in **Figure 19**.

Table 8. Five-Year Budget Summary

	Year					Total 5-year Budget
	2023	2024	2025	2026	2027	
Project Cost	\$1,822,430.53	\$1,621,367.18	\$131,592.65	\$84,728.73	\$1,820,437.65	\$5,480,556.74

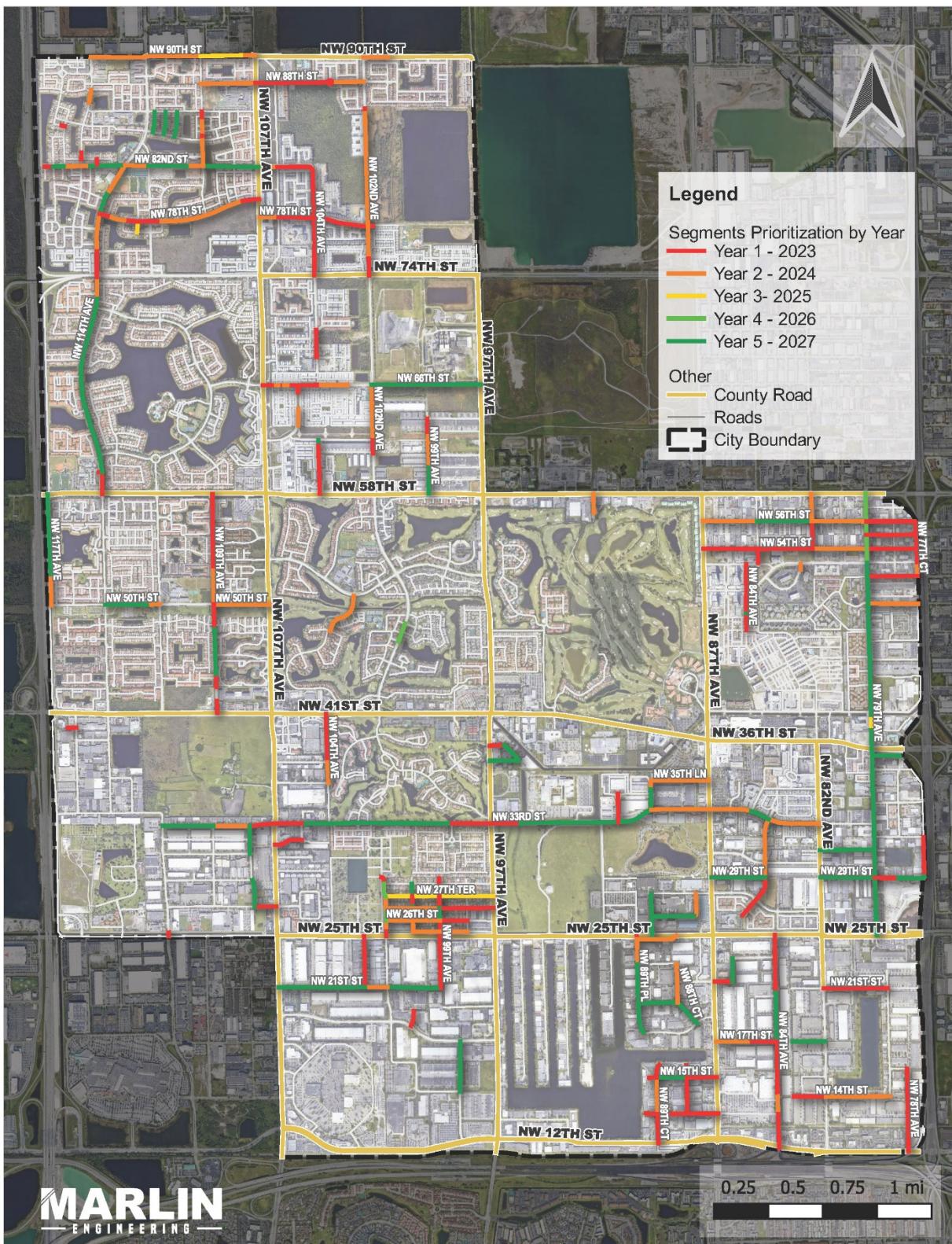


Figure 19. Five-Year M&R Plan



7.0 Conclusions

MARLIN Engineering, Inc. was retained by the City of Doral to perform an evaluation of pavement conditions on all City-maintained roadways. This data was used to rate the pavement based on guidelines from the Florida Department of Transportation's (FDOT) *2022 Flexible Pavement Condition Survey (PCS) Handbook*.

Based on the results of the pavement assessment, and following prioritization criteria, a five-year M&R plan was developed to help with the prioritization and allocation of funds over the next five years; a contingency of 20% was added to the cost of the projects to account for unforeseen costs and fluctuations in the price of construction. The scheduling process of M&R activities considered adjacent segments with dissimilar distress ratings to minimize Mobilization and Maintenance-of-Traffic (MOT) costs and to diminish impacts to the traveling public. Yearly budget distribution was also taken into account when conforming the M&R Plan.

A summary of the cost per year is provided below.

	Year					Total 5-year Budget
	2023	2024	2025	2026	2027	
Project Cost	\$1,822,430.53	\$1,621,367.18	\$131,592.65	\$84,728.73	\$1,820,437.65	\$5,480,556.74



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Appendix A

Pavement Condition Survey

StreetID	Road	IsPrimaryDirection	Direction	PavementType	StartChain	EndChain	Length	AssessableWidth	IRI Left (in/mi)	IRI Right (in/mi)	IRI Avg (in/mi)	IRI %Invalid	Ride Rating	Speed (mph)	MinSpeed (mph)	MaxSpeed (mph)	Rutting Left (in)	Rutting Right (in)	Rutting Average (in)	Rut Rating	Raveling Code	Patching Code	Crack Rating	Start_Coords (LAT)	Start_Coords (LON)	End_Coords (LAT)	End_Coords (LON)	SurveyDate
109252	NW 99TH AVE	FALSE	N	ASP	0.292	0.183	578	11	214.7	175.3	195	4.9	28.6	27.9	29	0.09	0.17	0.13	9	1	10	25.8274038	-80.3579235	25.83032953	-80.35801874	7/12/2022		
109253	NW 99TH AVE	FALSE	N	ASP	0.606	0.547	312	11	266.8	472.2	369.5	2.5	26.1	22.5	28.3	0.1	0.15	0.12	9	2	8.5	25.83032953	-80.35801874	25.83118731	-80.35804567	7/12/2022		
111988	NW 99TH AVE	FALSE	N	ASP	0.412	0.356	296	11.8	95	91.7	93.3	7.4	26.9	26.4	27.3	0.1	0.06	0.08	9	9.5	25.82713617	-80.35790346	25.82794942	-80.35794975	7/12/2022			
111989	NW 99TH AVE	FALSE	N	ASP	0.183	0.128	288	11.8	203.3	166.4	184.9	5.1	27.5	27.1	28	0.23	0.07	0.15	9	1	8.5	25.82794942	-80.35794975	25.82784038	-80.35797235	7/12/2022		
112673	NW 41ST TER	FALSE	W	ASP	0.037	0	194	9.7			100		5.6	2.2	7.7	0.11	0.09	0.1	9	Severe 1	1	7	25.81069202	-80.38394701	25.81070842	-80.38450212	7/12/2022	
114145	NW 82ND ST	TRUE	E	ASP	0.522	0.582	316	10.4	152.5	140	146.3	36.9	5.9	17	2.2	26.9	0.05	0.06	0.06	10	10	25.84788664	-80.38127019	25.84788777	-80.38031025	7/12/2022		
114146	NW 82ND ST	TRUE	E	ASP	0.295	0.393	519	10.2	94.3	118.7	106.5	7	29	27.1	29.7	0.05	0.06	0.05	10	10	25.84787546	-80.38284713	25.84788664	-80.38127019	7/12/2022			
116518	NW 112TH AVE	TRUE	S	ASP	0.761	0.779	94	10.2			100		8.9	0	12.3	0.1	0.11	0.11	9	9	25.79711775	-80.37711557	25.79686224	-80.37708549	7/12/2022			
116519	NW 112TH AVE	TRUE	S	ASP	0.875	0.989	601	10.8	129.7	123.7	126.7	4.3	6.4	24.6	10.5	29.9	0.13	0.06	0.1	9	10	25.79876962	-80.37723614	25.79711775	-80.37711557	7/12/2022		
116817	NW 114TH AVE	FALSE	SE	ASP	0.342	0.296	244	9.4	198.2	186.4	192.3	19.3	4.9	17.5	8.3	22.3	0.04	0.05	0.04	10	10	25.85332473	-80.38277625	25.8539962	-80.38277663	7/12/2022		
116818	NW 114TH AVE	FALSE	NW	ASP	2.241	2.163	412	10.3	199.5	237.9	218.7	4.4	22.5	13.3	25.2	0.06	0.07	0.06	10	1	10	25.8539962	-80.38277663	25.85505884	-80.38277663	7/12/2022		
118706	NW 90TH ST	TRUE	E	ASP	0	0.094	496	11.1	161.8	197.9	179.8	1.8	5.2	25.5	13.5	31.1	0.14	0.11	0.12	9	10	25.85511102	-80.37727233	25.85515594	-80.37727233	7/12/2022		
118709	NW 112TH AVE	TRUE	S	ASP	1.333	1.393	315	11.2	178.1	205.8	192	4.9	27.3	21.6	30.5	0.05	0.04	0.05	10	10	25.85331883	-80.37878288	25.8524477	-80.37876964	7/12/2022			
118710	NW 112TH AVE	TRUE	S	ASP	1.393	1.429	191	10.1	157.7	196.5	177.1	5.2	18.7	21.4	0.05	0.05	0.05	10	10	25.85331883	-80.37878288	25.85331883	-80.37878288	7/12/2022				
118711	NW 109TH AVE	TRUE	S	ASP	0.433	0.472	207	9.3	287.2	174	230.6	4.2	21.9	22.2	22.9	0.06	0.07	0.07	9	9.5	25.85392876	-80.37472771	25.85335927	-80.37470763	7/12/2022			
119171	NW 86TH ST	TRUE	E	ASP	0.216	0.311	499	11.6	214.4	204.3	209.3	7	4.6	21.8	10.7	25.7	0.09	0.12	0.11	9	8.5	25.851535	-80.38265849	25.85153551	-80.38113801	7/12/2022		
119173	NW 86TH ST	TRUE	E	ASP	0	0.033	175	9.8	263	311.8	287.4	62.7	3.4	12.1	0	17.7	0.15	0.12	0.14	9	8.5	25.85150918	-80.37915644	25.85150965	-80.378642	7/12/2022		
119178	NW 90TH ST	TRUE	E	ASP	0.094	0.251	829	10.9	183.7	238.2	211	11.5	4.6	26.3	3.6	32.1	0.14	0.15	0.14	9	9.5	25.85515594	-80.37727233	25.85517433	-80.3747675	7/12/2022		
119471	NW 115TH AVE	TRUE	S	ASP	0.144	0.203	309	10.8	225.5	165.6	195.5	4.8	27.7	24.7	30.8	0.05	0.06	0.05	10	10	25.81071915	-80.38395228	25.80987105	-80.3839288	7/12/2022			
119472	NW 115TH AVE	TRUE	S	ASP	0.203	0.269	353	10.3	287.7	291.8	289.7	22.3	3.4	18.7	11.3	24.8	0.13	0.11	0.11	9	10	25.81162988	-80.38391564	25.81071915	-80.38395228	7/12/2022		
122500	NW 82ND ST	TRUE	E	ASP	0.483	0.522	207	10	227.6	248.5	238	23.4	4.1	17.3	8.2	22.3	0.09	0.06	0.08	9	8.5	25.84779323	-80.38619302	25.84785542	-80.38557897	7/12/2022		
122505	NW 82ND ST	TRUE	E	ASP	0.976	1.023	245	10.2	122.5	165.7	144.1	6	25.4	22.4	27.2	0.1	0.04	0.07	9	10	25.84785542	-80.38557897	25.84785668	-80.38483503	7/12/2022			
126099	NW 82ND ST	TRUE	E	ASP	0.155	0.295	738	10.2	131.7	131.8	131.8	6.3	31	30.3	31.5	0.07	0.05	0.06	10	10	25.84790644	-80.37455229	25.84788443	-80.37230927	7/12/2022			
126101	NW 109TH AVE	TRUE	S	ASP	0.589	0.63	216	9.9	141.3	224	182.7	41.9	5.1	15.7	1.9	24.3	0.07	0.06	0.06	10	9.5	25.84850491	-80.37458108	25.84791081	-80.37456663	7/12/2022		
126102	NW 109TH AVE	TRUE	S	ASP	0.513	0.589	405	9.6	162.9	179.7	171.3	18.4	5.3	20.6	8.7	25.7	0.07	0.07	0.07	9	9.5	25.84961185	-80.37464591	25.8485108	-80.3745108	7/12/2022		
131667	NW 90TH ST	TRUE	E	ASP	0.251	0.312	326	11.4	133.8	202.6	168.2	29.8	5.4	17.9	3	25.7	0.12	0.11	0.11	9	9.5	25.85512505	-80.37177099	25.85512505	-80.37078063	7/12/2022		
131668	NW 90TH ST	TRUE	E	ASP	0.312	0.498	981	11.7	121.1	152	136.5	1.8	6.2	26.8														

22318	NW 78TH AVE	FALSE	N	ASP	0.062	0	327	11.4	233.4	506	369.7	19.1	2.5	19.7	1.8	24.5	0.08	0.18	0.13	9			9.5	25.82437322	-80.32368544	25.82437325	-80.32369958	7/11/2022
22319	NW 79TH AVE	FALSE	N	ASP	0.619	0.555	339	10.2	157.9	217.5	187.7	5	36.5	35.9	36.9	0.1	0.1	0.1	9	2	10	25.8256051	-80.32562057	25.82439288	-80.32564795	7/11/2022		
22320	NW 54TH ST	FALSE	W	ASP	0.499	0.25	1314	10.6	192.8	211.2	202	0.5	4.7	29.1	14.8	31.8	0.05	0.07	0.06	10	1	10	25.82260398	-80.32568625	25.82260192	-80.32968199	7/11/2022	
22321	NW 54TH ST	FALSE	W	ASP	0.625	0.49	668	11.6	350	432	391	11.9	2.2	20.3	0.5	23.2	0.1	0.15	0.13	9	2	7	25.822599	-80.32365778	25.82260398	-80.32568625	7/11/2022	
22322	NW 78TH AVE	FALSE	NW	ASP	0.188	0.126	331	11.7	153	211.8	182.4	22.1	5.1	17.5	9.6	21.6	0.06	0.07	0.07	9	9.5	25.82460071	-80.32369055	25.82437322	-80.32368544	7/11/2022		
22324	NW 56TH ST	TRUE	E	ASP	0.251	0.346	501	9.8	269	258.4	263.7	6.3	3.8	21.9	10.8	24.7	0.04	0.06	0.05	10			10	25.8243824	-80.3237103	25.82439177	-80.32218622	7/11/2022
22325	NW 54TH ST	FALSE	W	ASP	0.728	0.625	544	11.2	302.1	261.5	281.8	12.1	3.5	19.7	10.1	22.7	0.06	0.07	0.07	9	1	7	25.82261104	-80.32205081	25.822599	-80.32365778	7/11/2022	
22326	NW 77TH CT	TRUE	S	ASP	0.371	0.437	346	10.7	266.8	434.7	350.8		2.7	27	24.8	27.9	0.05	0.04	0.04	10			9.5	25.82351501	-80.32205184	25.82256451	-80.32202177	7/11/2022
22327	NW 77TH CT	TRUE	S	ASP	0.31	0.371	321	11.3	189.1	250	219.5		4.4	27.8	27.1	28.2	0.04	0.05	0.05	10			10	25.82256451	-80.32202177	25.8216866	-80.32199445	7/11/2022
22328	NW 53RD ST	TRUE	E	ASP	0.671	0.773	537	10.6	202.6	265	233.8	12.8	4.2	21.8	0.9	25.6	0.05	0.05	0.05	10	2	10	25.82167318	-80.323612	25.82169219	-80.32198813	7/11/2022	
22329	NW 77TH CT	TRUE	S	ASP	0.248	0.31	331	10.5	190.7	177.9	184.3	14.3	5.1	21.6	6.4	27.9	0.04	0.04	0.04	10			10	25.8216866	-80.32199445	25.82079613	-80.32198813	7/11/2022
23051	NW 98TH AVE	TRUE	S	ASP	0.162	0.219	297	9.6	154.1	158.7	156.4	49.4	5.7	13	4.9	17.1	0.05	0.06	0.05	10			8.5	25.8032962	-80.35520437	25.79952571	-80.35516362	7/12/2022
23183	NW 114TH AVE	FALSE	N	ASP	3.058	3.045	67	11.3	129.7	115.8	122.7		6.5	38.3	38.1	38.5	0.07	0.03	0.05	10			9.5	25.8352272	-80.38336517	25.83540795	-80.38332977	7/11/2022
23184	NW 114TH AVE	FALSE	N	ASP	3.159	3.058	532	11.2	109.2	116.7	113		6.8	38.5	37.9	39.1	0.08	0.03	0.05	10			10	25.83540795	-80.38332977	25.83681205	-80.38290823	7/11/2022
23303	NW 100TH AVE	FALSE	N	ASP	0.244	0.218	139	8.3	183.4	273.2	228.3	43.3	4.3	13.7	3.1	18.8	0.05	0.09	0.07	9			7.5	25.79912695	-80.35918345	25.799051	-80.35918345	7/12/2022
23304	NW 100TH AVE	FALSE	N	ASP	0.14	0.11	157	8.6	129.9	142.5	32.2	6	15.3	7.1	18.9	0.04	0.06	0.05	10			8.5	25.79869397	-80.35915058	25.79912695	-80.35917237	7/12/2022	
233560	NW 113TH CT	TRUE	S	ASP	0.129	0.192	335	11.3	149.6	152.5	151		5.8	19.1	14.4	23.7	0.08	0.08	0.08	9			10	25.80733876	-80.37998343	25.80648016	-80.3798833	7/12/2022
233562	NW 113TH CT	TRUE	S	ASP	0	0.022	115	11.3	123.1	132.9	128		6.4	24.4	23.8	24.8	0.07	0.09	0.08	9			10	25.80648016	-80.3798833	25.80616546	-80.37982338	7/12/2022
233563	NW 113TH CT	TRUE	S	ASP	0.054	0.129	396	11.8	202.2	189.5	195.9	17.9	4.8	20.9	0	25.3	0.1	0.09	0.09	9	2	9.5	25.80616546	-80.37982338	25.80509823	-80.37974116	7/12/2022	
233564	NW 89TH CT	FALSE	S	ASP	0.621	0.601	106	10.5	242.5	149.7	196.1		4.8	18.1	14.8	22.5	0.09	0.06	0.08	9			10	25.80690612	-80.3415925	25.80718026	-80.34154304	7/11/2022
233565	NW 89TH CT	FALSE	NW	ASP	0.112	0	591	11	129.1	162	145.6	8.8	5.9	24.1	3.7	29	0.06	0.07	0.07	9			9.5	25.80527569	-80.34155284	25.80690612	-80.3415925	7/11/2022
23626	NW 55TH ST	TRUE	E	ASP	0	0.103	543	11.6	511.8	378.5	445.2	18.2	2	18	1	22.2	0.32	0.08	0.2	8			8.5	25.82437556	-80.32370111	25.8234754	-80.32207161	7/11/2022
23629	NW 31ST CT	FALSE	W	ASP	0.25	0	1320	11.4	166.1	154	160	11.6	5.6	22.7	0.5	27.9	0.08	0.11	0.09	9	1	8	25.80263624	-80.32519756	25.8026503	-80.32519756	7/11/2022	
238234	NW 82ND AVE	TRUE	S	ASP	1.872	1.966	493	10	186.8	217.7	202.3		4.7	31.4	30.8	32.3	0.09	0.12	0.11	9	1	10	25.80801081	-80.32937684	25.80665518	-80.32933754	7/11/2022	
238235	NW 82ND AVE	TRUE	S	ASP	1.966	2.123	833	10	133.2	148.4	140.8		6	32.5	31.3	33.8	0.12	0.11	0.11	9	1	10	25.80665518	-80.32933754	25.80436137	-80.32925927	7/11/2022	
23911	NW 102ND AVE	TRUE	S	ASP	0.947	1.129	960	10.7	189.7	248.6	219.1	7.6	4.4	30.2	0	35.7	0.12	0.06	0.09	9	1	8.5	25.8288275	-80.36205746	25.82624993	-80.36199606	7/11/2022	
23925	NW 35TH LN	TRUE	E	ASP	0	0.144	1393	11.3	219.2	183.3	201.2	6.3	4.7	26.4	0	31.3	0.19	0.04	0.12	9								

25211	NW 102ND AVE	TRUE	S	ASP	0.14	0.226	456	10.6	115.9	124.2	120.1		6.6	38.6	37.8	39.1	0.09	0.03	0.06	10			10	25.81763508	-80.35975042	25.81646602	-80.36024977	7/11/2022		
25213	NW 102ND AVE	TRUE	S	ASP	1.676	1.781	555	10.5	168.1	190.4	179.3		5.2	38.2	37.8	38.7	0.1	0.05	0.07	9			10	25.81646602	-80.36024977	25.81504318	-80.36086565	7/11/2022		
252302	NW 90TH ST	TRUE	E	ASP	1.268	1.382	603	11.3	167.9	186.4	177.2	1.5	5.2	25.7	13.7	28.4	0.12	0.09	0.1	9			10	25.85513202	-80.36275485	25.8551346	-80.36092009	7/12/2022		
252303	NW 90TH ST	TRUE	E	ASP	0.723	0.767	233	11.2	135	187	161		5.6	28.7	27.5	29.6	0.08	0.09	0.08	9			10	25.8551346	-80.36092009	25.85513377	-80.36021304	7/12/2022		
252304	NW 90TH ST	TRUE	E	ASP	0.585	0.723	728	11.7	143.1	187.7	165.4		5.5	30.9	29.6	31.7	0.15	0.08	0.12	9			10	25.85513377	-80.36021304	25.85513569	-80.35799899	7/12/2022		
252305	NW 90TH ST	TRUE	E	ASP	0.498	0.585	457	11.5	147.3	166.3	156.8		5.7	31.9	30.8	32.5	0.16	0.06	0.11	9			10	25.85513569	-80.35799899	25.85513511	-80.35660799	7/12/2022		
252306	NW 90TH ST	TRUE	E	ASP	1.636	1.754	622	11.3	145	138.3	141.6	13	6	25	10	31.8	0.07	0.06	0.07	9			10	25.85513511	-80.35660799	25.85503189	-80.35478999	7/12/2022		
25256	NW 54TH ST	FALSE	W	ASP	0.25	0	1319	10.7	216.1	274.8	245.5	7	4	24.8	0.2	30.6	0.14	0.09	0.11	9			9.5	25.8259976	-80.33370902	25.82255483	-80.33771507	7/11/2022		
25257	NW 52ND ST	FALSE	W	ASP	1.5	1.311	1000	10.8	239.8	313.3	276.6	19.2	3.6	16.8	0.1	20.7	0.09	0.09	0.09	9			1	8	25.8101265	-80.33457067	25.81799897	-80.3375689	7/11/2022	
25260	NW 52ND TER	FALSE	W	ASP	0.26	0.028	1226	11.8	145.7	153.5	149.6	5.5	5.8	21.1	1.7	24.2	0.12	0.06	0.09	9			8.5	25.82119767	-80.33063185	25.82072914	-80.33305025	7/11/2022		
25267	NW 79TH AVE	FALSE	N	ASP	2.481	2.422	309	10.3	169.6	151.4	160.5		5.6	37	35.7	38.4	0.13	0.12	0.12	9			1	9.5	25.81941049	-80.32552558	25.82026144	-80.3255518	7/11/2022	
25277	NW 79TH AVE	FALSE	N	ASP	0.555	0.482	385	10.4	81.9	112.2	97.1	29.4	7.3	20.2	0.5	33.9	0.15	0.08	0.12	9			9	25.81539513	-80.32541218	25.81645612	-80.32544113	7/11/2022		
25280	NW 52ND ST	FALSE	W	ASP	0.985	0.884	538	9.7	178.8	251.2	215	43.1	4.5	12	0.7	15.8	0.07	0.2	0.13	9			1	8.5	25.82079613	-80.32198831	25.82077727	-80.32359623	7/11/2022	
25284	NW 104TH AVE	FALSE	NW	ASP	0.635	0.61	131	11.4	144.6	173.6	159.1	46.9	5.6	13.5	2	19.5	0.07	0.08	0.08	9			10	25.82938328	-80.36599434	25.82971925	-80.36599891	7/12/2022		
25285	NW 104TH AVE	FALSE	N	ASP	1.142	0.924	1151	11.4	233.4	234.6	234	3.1	4.2	23.3	8.9	26.6	0.1	0.16	0.13	9			8.5	25.82622055	-80.36591097	25.82938328	-80.36599434	7/12/2022		
25281	NW 78TH AVE	TRUE	S	ASP	0.565	0.627	332	9.8	125.1	170.2	147.7	97.9	5.9	8.8	1.1	12.8	0.07	0.07	0.07	9			9.5	25.82167239	-80.32363473	25.82079566	-80.32363473	7/11/2022		
25282	NW 52ND ST	FALSE	W	ASP	0.219	0.092	672	10.1	282.7	282.2	66.6	3.5	9.5	0.4	16.5	0.07	0.1	0.09	9			8.5	25.82077727	-80.32359623	25.82080659	-80.32556748	7/11/2022			
25283	NW 79TH AVE	FALSE	N	ASP	1.441	1.409	174	10.3	80.8	147.3	114	6.8	36.7	36.5	37.2	0.17	0.11	0.14	9			10	25.82026144	-80.3255518	25.82073883	-80.32556643	7/11/2022			
25285	NW 79TH AVE	FALSE	N	ASP	2.262	2.2	328	10.2	93.8	127.1	110.5	6.9	35.4	34.6	36.5	0.2	0.11	0.15	9			10	25.82073883	-80.32556643	25.82163969	-80.32559378	7/11/2022			
25286	NW 79TH AVE	FALSE	N	ASP	2.294	2.262	169	10.1	188.1	214.2	201.1	4.7	36.3	35.6	37.3	0.14	0.09	0.12	9			2	10	25.81894475	-80.32551326	25.81941049	-80.32555132	7/11/2022		
25287	NW 79TH AVE	FALSE	N	ASP	0.864	0.743	637	10.2	87.2	164.6	125.9	6.4	36.5	32.3	39.2	0.14	0.13	0.14	9			10	25.81719364	-80.32546238	25.81894475	-80.32551326	7/11/2022			
25291	NW 50TH ST	TRUE	E	ASP	0.467	0.667	1059	9.4	165.9	227.8	196.8	55.6	4.8	11.9	2.6	17.1	0.09	0.07	0.08	9			8	25.81895562	-80.32555212	25.81893601	-80.32237538	7/11/2022		
25302	NW 79TH AVE	FALSE	N	ASP	0.127	0.063	337	9.6	125.7	116.7	121.2	6.6	31.5	30.2	33.9	0.05	0.12	0.08	9			1	8.5	25.81355394	-80.32359754	25.81448108	-80.32542485	7/11/2022		
25304	NW 79TH AVE	FALSE	N	ASP	0.743	0.619	656	10.4	209.8	269.8	239.8	0.7	4.1	25.3	13.9	31	0.12	0.11	0.12	9			1	8.5	25.81175073	-80.32530531	25.81355394	-80.32539754	7/11/2022	
25305	NW 79TH AVE	FALSE	N	ASP	2.051	2.039	59	10.5		100		8.4	0.2	15.1	0.13	0.07	0.1	0.1	0.06	0.05	0.06	9			8.5	25.8115875	-80.32530304	25.81175073	-80.32530531	7/11/2022
25324	NW 82ND AVE	TRUE	S	ASP	1.749	1.818	364	10.5	339.8	315.6	327.7	2.9	27.7	20.2	30.5	0.1	0.14	0.12	9			10	25.808901	-80.32939512	25.80880065	-80.32939512	7/11/2022			
25374	NW 102ND AVE	TRUE	S	ASP	1.939	2.051	593	10	174	198.6	186.																			

25842	NW 82ND AVE	TRUE	S	ASP	1.024	1.188	866	11.6	122.6	139.5	131.1	6.3	37.3	36	38.4	0.07	0.04	0.06	10			10	25.79341044	-80.32898614	25.79102842	-80.32890706	7/11/2022	
25843	NW 17TH ST	FALSE	W	ASP	0.139	0	735	11.5	111.9	105.9	17.6	7	18.1	4.4	22.4	0.11	0.11	0.11	9			10	25.78998714	-80.32889384	25.78987817	-80.3310561	7/11/2022	
25844	NW 82ND AVE	TRUE	S	ASP	0.667	0.918	1326	11.5	147	193.2	170.1	5.4	32.2	19.3	35.5	0.05	0.04	0.05	10			10	25.78991158	-80.32887354	25.78626373	-80.32878429	7/11/2022	
25845	NW 82ND AVE	TRUE	S	ASP	1.351	1.503	803	11.5	199.2	243.6	221.4	4.4	31.1	14.7	37	0.06	0.08	0.07	9	Light 1		7	25.78623673	-80.32878429	25.78405199	-80.32872062	7/11/2022	
25846	NW 15TH ST	FALSE	W	ASP	0.08	0	421	11.3	175.6	214.7	195.1	47	4.9	13.6	1.5	20.5	0.09	0.07	0.08	9			10	25.78808768	-80.3271562	25.78814601	-80.32393568	7/11/2022
25847	NW 79TH AVE	TRUE	S	ASP	1.129	1.248	632	10.2	159.3	173.8	166.6	5.4	21.5	17.6	23.7	0.09	0.07	0.08	9			10	25.78809259	-80.32401611	25.7863528	-80.32405546	7/11/2022	
25848	NW 79TH AVE	TRUE	S	ASP	1.005	1.129	651	11.1	193.5	171.4	182.4	5.1	24.8	19.4	29	0.09	0.08	0.09	9			9.5	25.78987989	-80.32408626	25.78809259	-80.32401611	7/11/2022	
25850	NW 82ND AVE	TRUE	S	ASP	0.442	0.541	527	11.3	217.6	229.8	223.7	18	4.4	15.6	11.7	23	0.12	0.07	0.1	9			10	25.78405199	-80.32872062	25.78626783	-80.32866768	7/11/2022
25927	NW 79TH AVE	FALSE	N	ASP	2.039	1.989	268	10.4	156.3	181.2	168.7	5.4	27.1	19.6	32.3	0.13	0.07	0.1	9			9	25.81645612	-80.32544115	25.81719364	-80.32546238	7/11/2022	
25939	NW 52ND ST	FALSE	SW	ASP	0.884	0.796	463	10.6	162	173.5	167.8	1.4	5.4	25.2	14	30	0.05	0.11	0.08	9			10	25.80297383	-80.36034877	25.82029438	-80.36153983	7/12/2022
259764	NW 88TH ST	TRUE	E	ASP	0.189	0.21	106	11.4	203.4	379.7	291.5	3.4	22.6	21.9	23.1	0.05	0.05	0.05	10			10	25.85334648	-80.38147181	25.85334481	-80.38115017	7/12/2022	
259765	NW 88TH ST	TRUE	E	ASP	0.21	0.291	432	11.1	207.4	352.1	279.7	8.9	3.5	21.2	9.2	24.2	0.06	0.05	0.06	10		1	10	25.8533422	-80.38278524	25.85334648	-80.38147181	7/12/2022
259784	NW 88TH ST	TRUE	E	ASP	0.331	0.361	157	11.4	232.9	312.6	272.7	3.6	24	22.9	24.8	0.04	0.07	0.05	10			10	25.85334542	-80.38050498	25.8533475	-80.38020094	7/12/2022	
259785	NW 88TH ST	TRUE	E	ASP	0.028	0.041	69	11.3	340.5	630.5	485.5	2	22.5	22	23	0.07	0.06	0.06	10			10	25.8533475	-80.38002904	25.85334691	-80.37983002	7/12/2022	
26085	NW 21ST ST	TRUE	E	ASP	0.789	1.186	2094	11.7	125.3	109.4	117.3	4.2	6.7	28.8	8.5	31.9	0.1	0.19	0.15	9			10	25.79341273	-80.36879631	25.80673641	-80.36262998	7/12/2022
26087	NW 21ST ST	TRUE	E	ASP	0.276	0.521	1295	11.2	156.8	151.3	154.1	5.2	5.7	26.3	10.4	31.4	0.08	0.08	0.09	9			9.5	25.79341172	-80.36098855	25.79350813	-80.35711934	7/12/2022
26090	NW 29TH ST	FALSE	W	ASP	1.141	1.051	477	10.9	144.3	161.6	153	5.7	26.8	21.9	30.6	0.05	0.07	0.06	10			10	25.80058631	-80.37376331	25.80058426	-80.37521301	7/12/2022	
26091	NW 29TH ST	FALSE	W	ASP	1.274	1.141	701	10.9	118.5	116.4	117.5	8.4	6.7	27.4	2.7	32.5	0.06	0.06	0.06	10			10	25.8006103	-80.37727885	25.8066103	-80.37727885	7/12/2022
26201	NW 18TH TER	TRUE	E	ASP	0.263	0.357	499	11.7	254.1	266.2	260.2	45.3	3.8	14.1	0	20.7	0.07	0.09	0.08	9			10	25.7911286	-80.33680259	25.79151722	-80.33680219	7/11/2022
26213	NW 21ST TER	FALSE	W	ASP	0.081	0	426	10.5	174	268.3	221.1	33.9	4.4	15.8	0	22	0.11	0.09	0.1	9		2	9	25.7933996	-80.33570012	25.79396037	-80.33678146	7/11/2022
26217	NW 79TH AVE	FALSE	N	ASP	2.364	2.294	372	10.2	188.3	244.3	216.3	4.5	33.9	33.1	34.7	0.19	0.12	0.15	9			2	6.5	25.80571228	-80.32514321	25.80673641	-80.32517064	7/11/2022
262544	NW 53RD ST	TRUE	E	ASP	0.825	0.919	494	11.1	187	184.5	185.7	44.1	5	12.6	2.5	15.4	0.12	0.16	0.14	9	Light 2		6.5	25.8197998	-80.33604789	25.81983214	-80.33454806	7/11/2022
262545	NW 53RD ST	TRUE	E	ASP	0.919	1.018	525	10.8	149.3	236.1	192.7	64	4.9	11.3	1.7	15.9	0.08	0.1	0.09	9	Light 1		7	25.81980237	-80.33672462	25.81979989	-80.33604789	7/11/2022
262564	UNNAMED ROAD 5 (NW 53RD TER)	FALSE	SW	ASP	0.013	0	67	11.8				100		9.8	9.5	10	0.11	0.09	0.1	9			10	25.82165827	-80.3338131	25.82153663	-80.3338131	7/11/2022
262565	UNNAMED ROAD 6 (NW 53RD TER)	FALSE	SW	ASP	0.014	0	72	11.8				100		9.4	9.2	9.9	0.12	0.13	0.13	9			10	25.82153021	-80.33563996	25.82165827	-80.33368367	7/11/2022
262589	NW 104TH AVE	TRUE	S	ASP	0.882	0.924	221	10.4	268.8	348.9	308.8	48.1	3.2	13.6	0	20.3	0.17	0.06	0.11	9			10	25.84126967	-80.3663988	25.84066381	-80.36637462	7/12/2022
262590	NW 104TH AVE	TRUE	S	ASP	1.751	1.826	396	10.3	263.4	238.4	250.9	3.9	23.4	20.7	24.6	0.09	0.05	0.07	9			10	25.84					

264324	NW 102ND AVE	TRUE	S	ASP	2.051	2.073	113	9.7	219.9	255.6	237.7	4.1	33.4	32.9	34	0.1	0.09	0.09	9			10	25.85170018	-80.36270064	25.85139076	-80.36269164	7/11/2022		
264325	NW 102ND AVE	TRUE	S	ASP	2.073	2.195	648	10	197.9	206.1	202	4.7	32.6	29.9	34.5	0.07	0.08	0.07	9			10	25.85348398	-80.36275367	25.85170018	-80.36270064	7/11/2022		
26474	NW 84TH AVE	TRUE	S	ASP	0	0.066	349	11.6	223.6	168.8	196.2	29.9	4.8	16.1	2.5	20.9	0.1	0.07	0.09	9			10	25.80171353	-80.33316983	25.80075447	-80.33314323	7/11/2022	
26475	NW 84TH AVE	TRUE	SW	ASP	0.192	0.306	604	10.6	225.2	200.7	212.9	14.5	4.5	17.4	0.4	23.5	0.09	0.1	0.09	9			9.5	25.80075447	-80.33314323	25.79930911	-80.33385192	7/11/2022	
26476	NW 29TH ST	FALSE	W	ASP	0.496	0.249	1304	12.1	160.3	156.6	158.4	10.3	5.6	22.5	0.2	26.8	0.23	0.09	0.16	9			10	25.80076077	-80.33316846	25.80081882	-80.33707764	7/11/2022	
26477	NW 91ST AVE	TRUE	S	ASP	0	0.129	682	11.6	301.3	350.1	325.7	30.7	3	17.6	0.1	26.5	0.14	0.09	0.12	9			2	8	25.8062823	-80.3440002	25.8044836	-80.34397883	7/11/2022
26480	NW 19TH ST	FALSE	W	ASP	0.516	0	2723	10.5	126.5	148.4	137.5	8	6.2	29.2	0	37.9	0.09	0.09	0.09	9			1	9	25.79127297	-80.36069962	25.79164551	-80.36892503	7/11/2022
26619	NW 33RD ST	FALSE	W	ASP	1.103	0.0937	876	10.7	160.1	188	174	5.3	30.1	26.8	31.7	0.08	0.07	0.08	9			2	9.5	25.80427238	-80.37112541	25.80426894	-80.37378694	7/11/2022	
26623	NW 33RD ST	FALSE	W	ASP	0.443	0.329	602	11	282.8	338.5	310.6	3.1	24.4	22.7	26.7	0.12	0.09	0.1	9			1	10	25.80440377	-80.36930699	25.80427238	-80.37112541	7/11/2022	
26625	NW 33RD ST	FALSE	W	ASP	2.831	2.706	659	10.6	219	311.5	265.2	16.2	3.7	24.4	0	35.1	0.09	0.15	0.12	9			2	8.5	25.80442516	-80.36730743	25.80440377	-80.36930699	7/11/2022
26628	NW 34TH ST	TRUE	E	ASP	0.328	0.479	796	10.7	108.9	131.5	120.2	6.9	6.6	21	3.1	24.3	0.11	0.07	0.09	9			10	25.80502254	-80.3837766	25.80502792	-80.38135706	7/12/2022	
26629	NW 34TH ST	TRUE	E	ASP	0.133	0.23	511	10.4	155.8	203.2	179.5	4.2	5.2	21.9	12.1	25	0.11	0.14	0.12	9			10	25.80503555	-80.38532917	25.80502254	-80.3837766	7/12/2022	
266444	NW 33RD ST	FALSE	NW	ASP	3.291	3.203	465	11.4	149.2	180.9	165	5.5	33.9	32.7	36.4	0.11	0.1	0.1	9			1	8.5	25.80476077	-80.33285504	25.8052907	-80.33415671	7/11/2022	
266445	NW 33RD ST	FALSE	W	ASP	2.053	1.956	509	11.3	183.9	214.4	199.2	4.8	33.7	33	34.6	0.08	0.09	0.08	9			2	8.5	25.8052907	-80.33415671	25.8054039	-80.3357253	7/11/2022	
26678	NW 99TH AVE	FALSE	N	ASP	0.356	0.292	334	11.8	149.8	134.6	18	6.2	20.6	11.1	26.3	0.09	0.15	0.12	9			10	25.82713617	-80.35793046	25.80427238	-80.37112541	7/11/2022		
26688	NW 112TH AVE	TRUE	S	ASP	1.544	1.584	212	11	184.7	253.3	219	4.4	35.3	35	35.5	0.1	0.12	0.11	9			9.5	25.81396345	-80.37763707	25.81338127	-80.37762024	7/12/2022		
26689	NW 112TH AVE	TRUE	S	ASP	1.641	1.763	646	11.5	218.6	286.3	252.4	3.9	35	34.8	35.5	0.11	0.19	0.15	9			1	9	25.81574134	-80.37760941	25.81396345	-80.37763709	7/12/2022	
26705	NW 104TH AVE	TRUE	S	ASP	0.29	0.474	975	10.6	127.2	174.5	150.8	4.8	5.8	25.6	10.4	28.6	0.05	0.06	0.06	10			10	25.80704882	-80.36541789	25.80443371	-80.36536888	7/12/2022	
26706	NW 33RD ST	FALSE	W	ASP	1.447	1.268	945	11.1	143.6	140.9	142.2	6	36	34.3	37	0.15	0.1	0.12	9			10	25.80442753	-80.36027003	25.80442962	-80.36314101	7/11/2022		
26707	NW 33RD ST	FALSE	W	ASP	0.828	0.577	1327	10.4	152.5	142	147.2	5.9	37.5	33.9	39.7	0.13	0.09	0.11	9			10	25.80442711	-80.36027003	25.80442753	-80.36027003	7/11/2022		
26712	NW 14TH ST	TRUE	E	ASP	0.441	0.644	1070	10.7	126.9	134.4	130.6	8	6.3	22.8	4.3	28.9	0.06	0.08	9			10	25.7867052	-80.35889564	25.78657021	-80.35566966	7/12/2022		
26713	NW 100TH AVE	TRUE	S	ASP	0.244	0.375	691	10.7	101.2	118.8	110	12.8	6.9	20.7	11.5	25.7	0.09	0.06	0.08	9			10	25.78849251	-80.35906859	25.78670582	-80.35889564	7/12/2022	
26714	NW 15TH TER	TRUE	E	ASP	0	0.116	614	10.6	134.3	163.4	148.8	5.9	21.5	15.6	25.6	0.09	0.06	0.07	9			10	25.78881159	-80.36071134	25.78849251	-80.35906859	7/12/2022		
26757	NW 78TH AVE	FALSE	NW	ASP	0.565	0.188	1986	11.7	234	243	238.5	7.9	4.1	24.8	8.8	29.8	0.09	0.12	0.11	9			8.5	25.78264589	-80.32263006	25.7808768	-80.32271562	7/11/2022	
26762	NW 14TH ST	FALSE	W	ASP	0.441	0.148	1548	11.2	169.1	183.4	176.2	8.2	5.2	23.2	0.1	29.1	0.1	0.11	0.1	9			9	25.7863528	-80.32405546	25.78629533	-80.32866765	7/11/2022	
26797	NW 117TH AVE	FALSE	N	ASP	1.243	0.882	1909	10.3	106.5	83.6	95	3.7	7.3	32.4	0	37.2	0.05	0.05	10			10	25.82089896	-80.38590311	25.821615091	-80.38602192	7/12/2022		
26798	NW 117TH AVE	FALSE	N	ASP	0.882	0.739	755	10.6	169.4	169.4	169.4	5.3	5.4	28	8.8	36.2	0.04</												

28178	NW 33RD ST	FALSE	W	ASP	1.86	1.626	1235	10.6	118.7	167.7	143.2	5.9	6	27.5	2.2	32.1	0.06	0.07	0.06	10		1	10	25.80426894	-80.37378699	25.80428656	-80.3774822	7/11/2022
28179	NW 112TH AVE	TRUE	S	ASP	0.626	0.761	714	10	99.5	112.4	105.9	7	28.9	26.6	30.9	0.09	0.03	0.06	10		10	25.80422047	-80.37761862	25.80225997	-80.37756703	7/12/2022		
28181	NW 36TH TER	TRUE	E	ASP	0	0.094	497	11.4	112.7	127.5	120.1	11.5	6.6	19.6	10.6	23.1	0.1	0.08	0.09	9		10	25.80738223	-80.38139714	25.80733876	-80.37993436	7/12/2022	
28183	NW 34TH ST	TRUE	E	ASP	0.23	0.328	522	10.7	142.1	112.8	127.4	9.2	6.4	23.2	7.3	28.4	0.08	0.06	0.07	9		10	25.80502792	-80.38135706	25.80503002	-80.37976951	7/12/2022	
28184	NW 34TH ST	TRUE	E	ASP	0	0.133	701	10.6	110.3	128.1	119.2	6.6	27.6	15.9	30.1	0.11	0.06	0.08	9		9	25.80503002	-80.3776662	25.80501243	-80.3776662	7/12/2022		
28235	NW 114TH AVE	FALSE	N	ASP	1.987	1.894	489	9.8	142.6	194.1	168.4	5.4	27.5	22.2	29.3	0.1	0.07	0.09	9		10	25.81161568	-80.38149234	25.81296209	-80.38153404	7/11/2022		
28236	NW 114TH AVE	FALSE	N	ASP	0.668	0.618	266	10.2	168.9	164.6	166.7	5.4	22.3	16.9	27.9	0.08	0.1	0.09	9		9.5	25.81296209	-80.38153404	25.81369295	-80.38158509	7/11/2022		
28258	NW 109TH AVE	FALSE	N	ASP	1.765	1.522	1280	10.4	147.3	134	140.7	6	34.4	32.4	35.6	0.04	0.05	0.04	10		10	25.81400909	-80.37360167	25.81752953	-80.37370128	7/12/2022		
28442	NW 50TH ST	FALSE	W	ASP	0.946	0.698	1310	11.5	112.5	130.5	121.5	7.8	6.6	27	3.3	32.8	0.09	0.05	0.07	9		10	25.8189098	-80.37375797	25.81889595	-80.37775659	7/12/2022	
28443	NW 112TH AVE	TRUE	S	ASP	0.382	0.507	663	11.6	118.2	107.8	113	9.3	6.8	29	2.1	34.4	0.12	0.08	0.1	9		9.5	25.8207382	-80.37783861	25.8191473	-80.37778402	7/12/2022	
28444	NW 112TH AVE	TRUE	S	ASP	0.051	0.135	448	11.5	183.6	239.9	211.7	6.3	4.6	24.5	11	30.5	0.06	0.08	0.07	9		9	25.81891473	-80.37778449	25.81768224	-80.37774449	7/12/2022	
28447	NW 112TH AVE	TRUE	S	ASP	1.199	1.333	706	11.7	186.1	215.5	200.8	4.7	33.9	30.6	34.9	0.11	0.16	0.13	9		10	25.81768224	-80.37774449	25.81574134	-80.3776904	7/12/2022		
28449	NW 114TH AVE	FALSE	N	ASP	1.028	0.954	393	10.8	182.2	223.9	203	1.5	4.7	25.3	14.3	30.7	0.07	0.08	0.08	9		1	10	25.81886803	-80.38172731	25.8199494	-80.38176086	7/11/2022
28450	NW 114TH AVE	FALSE	N	ASP	0.618	0.526	485	11.1	124.5	100	112.3	19.4	6.8	23.6	0.1	31.1	0.13	0.1	0.11	9		9.5	25.81753315	-80.38169228	25.81886803	-80.38172731	7/11/2022	
28452	NW 50TH ST	FALSE	W	ASP	1.231	1.085	775	10.7	127.5	144.1	135.8	1.3	6.2	26.1	13.8	29.1	0.08	0.09	0.08	9		10	25.81888916	-80.38172744	25.81888916	-80.38172744	7/12/2022	
28467	NW 50TH ST	FALSE	W	ASP	0.467	0.211	1349	10.8	148.4	186.4	123.1	5	3.6	28.9	0.11	0.12	0.11	9		10	25.81895739	-80.37375797	25.81890998	-80.37375797	7/12/2022			
28562	NW 84TH AVE	TRUE	S	ASP	0.867	0.902	186	11	102.7	169.3	136	6.2	33.9	33.6	34.3	0.1	0.12	0.11	9		10	25.79340341	-80.33247283	25.79289182	-80.33246149	7/11/2022		
28563	NW 84TH AVE	TRUE	S	ASP	0.66	0.867	1093	11	157.2	173.3	165.2	5.5	34.6	30.1	36.5	0.11	0.12	0.11	9		8.5	25.79289182	-80.33246149	25.79898611	-80.33239664	7/11/2022		
28565	NW 79TH AVE	TRUE	S	ASP	0.864	1.005	747	10.9	195	180.4	187.7	5	25.8	18.5	29	0.1	0.1	0.1	9		10	25.79193472	-80.3241147	25.7987989	-80.32408626	7/11/2022		
28566	NW 79TH AVE	TRUE	S	ASP	1.254	1.357	544	10.4	162	207.6	184.8	24.4	5.1	14.6	8	18.3	0.11	0.12	0.11	9		1	9	25.79339143	-80.32420089	25.79193472	-80.3241147	7/11/2022
28575	NW 114TH AVE	FALSE	N	ASP	1.131	1.028	543	10.1	119.2	114.9	117	6.7	34.4	32.7	36	0.06	0.05	0.05	10		10	25.82878075	-80.38210983	25.83021841	-80.38258118	7/11/2022		
28618	NW 111TH CT	TRUE	S	ASP	0.144	0.237	493	9.7	149	169.6	159.3	28.1	5.6	16.6	2.3	21	0.06	0.05	0.06	10		9.5	25.85148939	-80.37813821	25.85016883	-80.37824009	7/12/2022	
28619	NW 110TH PL	FALSE	NE	ASP	0.101	0	535	9.6	154.1	163.7	158.9	22.4	5.6	19	3.4	24.6	0.05	0.04	0.04	10		10	25.85006132	-80.37747341	25.85147826	-80.37749343	7/12/2022	
28620	NW 110TH AVE	TRUE	S	ASP	0.029	0.141	593	9.8	150.7	153.8	152.2	20	5.8	18.5	3.8	23	0.05	0.06	0.06	10		9.5	25.85146403	-80.37649566	25.84990208	-80.37668891	7/12/2022	
28621	NW 84TH ST	FALSE	W	ASP	0.273	0.144	681	9.2	189.8	205.3	197.6	9.1	4.8	21.6	7.9	25	0.08	0.08	0.08	9		10	25.84967579	-80.37664688	25.84989415	-80.37666512	7/12/2022	
28622	NW 84TH ST	FALSE	W	ASP	0.144	0.094	264	9.8	132.8	154.6	143.7	6	25.3	24.5	25.7	0.09	0.08	0.09	9		9.5	25.84989415	-80.37664695	25.85004695	-80.37745351	7/12/2022		
28623	NW 84TH ST	FALSE	W	ASP	0.065	0.014	267	9.8	142.6	172.8	157.7	5.6	24.9	23.1	25.5	0.09	0.09	0.09	9		10	25.85004695	-80.37745351	25.85016989	-80.37825549	7/12/2022		



CITY OF DORAL

2022 Pavement Evaluation & Five-Year Maintenance and Rehabilitation Plan | March 2023

Appendix B

Recommended Projects

Summary Table / Project Tables

M&R Work	Unit of Measurement	Average Price
Milling Existing Pavement (2" Average Depth)	SY	\$ 2.61
Milling Existing Pavement (1 1/2" Average Depth)	SY	\$ 2.85
Milling Existing Pavement (1" Average Depth)	SY	\$ 2.27
Superpave Asphaltic Concrete (Traffic C)	TN	\$ 126.55

	Florida Department of Transportation
	Item Average Unit Cost
	From 2021/08/01 to 2022/07/31
	Statewide
	Contract Type: CC
	Displaying: VALID ITEMS WITH HITS
	From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0285706	54	\$21.41	\$5,588,654.90	261,073.000	SY	N	OPTIONAL BASE, BASE GROUP 06
0285707	10	\$18.25	\$3,189,576.62	174,747.000	SY	N	OPTIONAL BASE, BASE GROUP 07
0285708	7	\$31.84	\$2,985,451.95	93,778.000	SY	N	OPTIONAL BASE, BASE GROUP 08
0285709	94	\$21.05	\$13,611,495.87	646,514.000	SY	N	OPTIONAL BASE, BASE GROUP 09
0285710	20	\$22.99	\$13,190,136.68	573,766.000	SY	N	OPTIONAL BASE, BASE GROUP 10
0285711	34	\$25.92	\$6,234,702.28	240,534.000	SY	N	OPTIONAL BASE, BASE GROUP 11
0285712	10	\$29.06	\$2,305,903.28	79,363.000	SY	N	OPTIONAL BASE, BASE GROUP 12
0285713	12	\$61.30	\$3,915,945.27	63,878.000	SY	N	OPTIONAL BASE, BASE GROUP 13
0285714	5	\$102.85	\$712,146.93	6,924.000	SY	N	OPTIONAL BASE, BASE GROUP 14
0285715	28	\$69.33	\$7,662,588.49	110,524.000	SY	N	OPTIONAL BASE, BASE GROUP 15
0285739	1	\$86.00	\$117,218.00	1,363.000	SY	N	OPTIONAL BASE- GRADED AGGREGATE, 18" FOR PROJECT 439892-1-52-01
0286 1	47	\$41.18	\$1,344,143.21	32,640.000	SY	N	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS
0286 2	17	\$274.57	\$450,514.31	1,640.800	TN	N	TURNOUT CONSTRUCTION-ASPHALT/DRIVEWAY BASE- ASPHALT MATERIAL
0327 70_1	37	\$2.27	\$2,011,482.14	885,037.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH
0327 70_2	21	\$3.59	\$2,095,817.81	584,243.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH
0327 70_3	12	\$4.41	\$1,661,203.61	376,977.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 4 1/2" AVG DEPTH
0327 70_4	51	\$2.86	\$8,793,410.40	3,075,742.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH
0327 70_5	59	\$2.61	\$6,111,010.15	2,344,027.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH
0327 70_6	157	\$2.85	\$12,020,521.06	4,221,419.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH

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	Florida Department of Transportation
	Item Average Unit Cost
	From 2021/08/01 to 2022/07/31
	Statewide
	Contract Type: CC
	Displaying: VALID ITEMS WITH HITS
	From: 0102 1 To: 9999999

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0327 70_34	2	\$5.78	\$141,423.00	24,461.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 8" AVG DEPTH
0327 70_43	1	\$15.00	\$14,415.00	961.000	SY	N	MILLING EXISTING ASPHALT PAVEMENT, 11" AVG DEPTH
0334 1_12	45	\$115.64	\$18,219,832.82	157,562.400	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC B
0334 1_13	107	\$120.03	\$68,479,032.78	570,494.600	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC C
0334 1_15	18	\$127.45	\$10,516,154.26	82,509.700	TN	N	SUPERPAVE ASPHALTIC CONC, TRAFFIC E
0334 1_52	43	\$132.26	\$28,818,344.22	217,887.800	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22
0334_1_53	88	\$126.55	\$75,365,646.31	595,542.400	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22
0334 1_55	26	\$122.75	\$81,868,943.68	666,982.900	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22
0334 1_56	1	\$208.98	\$329,770.44	1,578.000	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, HIGH POLYMER
0334 1_57	2	\$137.75	\$5,477,877.30	39,766.800	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, HIGH POLYMER
0334 1_59	4	\$177.17	\$15,267,258.58	86,172.100	TN	N	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, HIGH POLYMER
0337 7_25	72	\$162.04	\$75,484,883.13	465,832.200	TN	N	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22
0337 7_26	5	\$190.02	\$5,899,498.10	31,046.700	TN	N	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, HIGH POLYMER
0337 7_80	27	\$148.57	\$11,425,323.20	76,904.500	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22
0337 7_81	32	\$149.45	\$18,621,896.34	124,603.400	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22
0337 7_82	32	\$158.08	\$17,730,257.04	112,162.100	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22
0337 7_83	134	\$144.84	\$72,376,204.22	499,687.100	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22
0337 7_88	11	\$169.89	\$3,691,558.24	21,729.100	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC E, FC-12.5, PG 76-22
0337 7_91	1	\$179.61	\$299,733.17	1,668.800	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, HIGH POLYMER
0337 7_92	1	\$279.48	\$386,353.15	1,382.400	TN	N	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, HIGH

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2023 Projects (Year 1)

Street Name	Street ID	From	To	Length (Ft)	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 100TH AVE	233003	NW27TER	NW27ST	139	4.3	9	7.5	3336.00	370.67	277.99	40308.39	20.15	\$ 1,056.40	\$ 2,550.51	\$ 3,606.91
NW 102ND AVE	25690	NW25ST	DE	117	2.9	9	7.5	2808.00	312.00	233.99	33928.64	16.96	\$ 889.20	\$ 2,146.83	\$ 3,036.03
NW 102ND AVE	27063	NW 102ND AVE	NW28TER	191	0	9	6	4584.00	509.33	381.98	55387.78	27.69	\$ 1,451.60	\$ 3,504.66	\$ 4,956.26
NW 102ND AVE	262605	NW75ST	NW74ST	401	4.2	9	9.5	9624.00	1069.33	801.97	116285.35	58.14	\$ 3,047.60	\$ 7,357.96	\$ 10,405.56
NW 102ND AVE	264324	NW103AVE	NW77CT	112	4.1	9	10	2688.00	298.67	223.99	32478.70	16.24	\$ 851.20	\$ 2,055.09	\$ 2,906.29
NW 102ND AVE	999995	NW62ST	NW61ST	315	3.5	9	10	7560.00	840.00	629.97	91346.35	45.67	\$ 2,394.00	\$ 5,779.94	\$ 8,173.94
NW 102ND PL	24529	NW25ST	NW21ST	1222	4.3	9	10	29328.00	3258.67	2443.90	354365.82	177.18	\$ 9,287.20	\$ 22,422.50	\$ 31,709.70
NW 104TH AVE	27448	NW41ST	NW37TER	1159	4.1	9	10	27816.00	3090.67	2317.91	336096.56	168.05	\$ 8,808.40	\$ 21,266.51	\$ 30,074.91
NW 104TH AVE	252805	NW61LN	NW58ST	1150	4.2	9	8.5	27600.00	3066.67	2299.91	333486.66	166.74	\$ 8,740.00	\$ 21,101.37	\$ 29,841.37
NW 104TH AVE	262589	NW74ST	NW78ST	220	3.2	9	10	5280.00	586.67	439.98	63797.45	31.90	\$ 1,672.00	\$ 4,036.78	\$ 5,708.78
NW 104TH AVE	262590	NW74ST	NW78ST	396	3.9	9	10	9504.00	1056.00	791.97	114835.41	57.42	\$ 3,009.60	\$ 7,266.21	\$ 10,275.81
NW 104TH AVE	262870	NW74ST	NW78ST	217	3.3	9	9.5	5208.00	578.67	433.98	62927.48	31.46	\$ 1,649.20	\$ 3,981.74	\$ 5,630.94
NW 104TH AVE	999991	NW74ST	NW82ST	1803	4.5	9	10	43272.00	4808.00	3605.86	522849.09	261.42	\$ 13,702.80	\$ 33,083.28	\$ 46,786.08
NW 104TH AVE	999996	NW68ST	NW70TER	665	3.8	9	10	15960.00	1773.33	1329.95	192842.29	96.42	\$ 5,054.00	\$ 12,202.10	\$ 17,256.10
NW 104TH PATH	263546	NW65LN	NW66ST	169	4.5	9	9.5	4056.00	450.67	337.99	49008.04	24.50	\$ 1,284.40	\$ 3,100.98	\$ 4,385.38
NW 109TH AVE	19636	NW53LN	NW109AVE	398	4.4	9	10	9552.00	1061.33	795.97	115415.38	57.71	\$ 3,024.80	\$ 7,302.91	\$ 10,327.71
NW 109TH AVE	21328	NW50ST	NW48LN	492	4.4	10	9.5	11808.00	1312.00	983.96	142674.29	71.34	\$ 3,739.20	\$ 9,027.72	\$ 12,766.92
NW 109TH AVE	24545	NW58ST	NW53LN	1433	4	9	10	34392.00	3821.33	2865.89	415553.38	207.78	\$ 10,890.80	\$ 26,294.14	\$ 37,184.94
NW 109TH AVE	28626	NW84LN	NW84ST	214	4	9	10	5136.00	570.67	427.98	62057.52	31.03	\$ 1,626.40	\$ 3,926.69	\$ 5,553.09
NW 109TH AVE	29050	NW86ST	NW85TER	122	2.9	9	9	2928.00	325.33	243.99	35378.58	17.69	\$ 927.20	\$ 2,238.58	\$ 3,165.78
NW 109TH AVE	244804	NW43LN	NW41ST	210	4.1	9	10	5040.00	560.00	419.98	60897.56	30.45	\$ 1,596.00	\$ 3,853.29	\$ 5,449.29
NW 109TH AVE	244825	NW43LN	NW41ST	295	3.3	9	10	7080.00	786.67	589.98	85546.58	42.77	\$ 2,242.00	\$ 5,412.96	\$ 7,654.96
NW 112TH AVE	116518	NW25ST	BEACON TRAIL	94	0	9	9	2256.00	250.67	187.99	27258.91	13.63	\$ 714.40	\$ 1,724.81	\$ 2,439.21
NW 113TH PSGE	29248	NW82TER	NW82ST	126	0	9	9.5	3024.00	336.00	251.99	36538.54	18.27	\$ 957.60	\$ 2,311.98	\$ 3,269.58
NW 114TH AVE	24666	NW60ST	NW58ST	539	4.4	9	10	12936.00	1437.33	1077.96	156303.75	78.15	\$ 4,096.40	\$ 9,890.12	\$ 13,986.52
NW 114TH AVE	27775	NW75LN	NW74ST	618	4.5	10	9.5	14832.00	1648.00	1235.95	179212.83	89.61	\$ 4,696.80	\$ 11,339.69	\$ 16,036.49
NW 114TH PATH	155263	NW83WAY	NW82TER	151	3.9	10	8.5	3624.00	402.67	301.99	43788.25	21.89	\$ 1,147.60	\$ 2,770.70	\$ 3,918.30
NW 13TH TER	18827	NW88AVE	NW89thct	723	3.2	9	10	17352.00	1928.00	1445.94	209661.61	104.83	\$ 5,494.80	\$ 13,266.34	\$ 18,761.14
NW 13TH TER	25742	DE	NW89CT	279	4	9	10	6696.00	744.00	557.98	80906.76	40.45	\$ 2,120.40	\$ 5,119.38	\$ 7,239.78
NW 13TH TER	27279	NW87AVE	NW88AVE	752	3.9	9	8.5	18048.00	2005.33	1503.94	218071.28	109.04	\$ 5,715.20	\$ 13,798.46	\$ 19,513.66
NW 14TH ST	27278	NW82AVE	DE	780	3.5	9	8.5	18720.00	2080.00	1559.94	226190.95	113.10	\$ 5,928.00	\$ 14,312.23	\$ 20,240.23
NW 15TH ST	25744	DRIVEWAY	NW89ct	174	1	9	8.5	4176.00	464.00	347.99	50457.98	25.23	\$ 1,322.40	\$ 3,192.73	\$ 4,515.13
NW 15TH ST	216492	NW87AVE	NW88AVE	722	4.5	9	8.5	17328.00	1925.33	1443.94	209371.62	104.69	\$ 5,487.20	\$ 13,247.99	\$ 18,735.19
NW 17TH ST	246504	NW87AVE	NW84AVE	707	4.4	9	10	16968.00	1885.33	1413.94	205021.80	102.51	\$ 5,373.20	\$ 12,972.75	\$ 18,345.95
NW 21ST ST	25761	NW82AVE	NW79AVE	876	4.1	9	8.5	21024.00	2336.00	1751.93	254029.84	127.01	\$ 6,657.60	\$ 16,073.74	\$ 22,731.34
NW 21ST ST	25762	NW82AVE	NW79AVE	678	4.2	9	9	16272.00	1808.00	1355.95	196612.14	98.31	\$ 5,152.80	\$ 12,440.63	\$ 17,593.43
NW 21ST TER	26213	NW87AVE	NW86AVE	426	4.4	9	9	10224.00	1136.00	851.97	123535.06	61.77	\$ 3,237.60	\$ 7,816.68	\$ 11,054.28
NW 26TH ST	28072	NW99AVE	NW98AVE	665	4.1	10	8.5	15960.00	1773.33	1329.95	192842.29	96.42	\$ 5,054.00	\$ 12,202.10	\$ 17,256.10

2023 Projects (Year 1)

Street Name	Street ID	From	To	Length (Ft)	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 27TH ST	25670	NW108AVE	NW107AVE	529	3.9	9	8.5	12696.00	1410.67	1057.96	153403.86	76.70	\$ 4,020.40	\$ 9,706.63	\$ 13,727.03
NW 27TH ST	25697	NW99AVE	NW98AVE	673	4.5	9	8.5	16152.00	1794.67	1345.95	195162.19	97.58	\$ 5,114.80	\$ 12,348.89	\$ 17,463.69
NW 27TH ST	25820	NW98AVE	NW97AVE	636	4.5	9	9	15264.00	1696.00	1271.95	184432.62	92.22	\$ 4,833.60	\$ 11,669.97	\$ 16,503.57
NW 29TH ST	28060	NW79AVE	NW77CT	575	4.3	9	10	13800.00	1533.33	1149.95	166743.33	83.37	\$ 4,370.00	\$ 10,550.68	\$ 14,920.68
NW 31ST TER	25672	NW107AVE	NW105AVE	684	3.9	9	10	16416.00	1824.00	1367.95	198352.07	99.18	\$ 5,198.40	\$ 12,550.73	\$ 17,749.13
NW 33RD ST	25815	NW98PL	NW97AVE	948	4.4	9	10	22752.00	2528.00	1895.92	274909.00	137.45	\$ 7,204.80	\$ 17,394.87	\$ 24,599.67
NW 33RD ST	26623	NW108AVE	NW107AVE	601	3.1	9	10	14424.00	1602.67	1201.95	174283.03	87.14	\$ 4,567.60	\$ 11,027.76	\$ 15,595.36
NW 33RD ST	26625	NW107AVE	NW105AVE	658	3.7	9	8.5	15792.00	1754.67	1315.95	190812.37	95.41	\$ 5,000.80	\$ 12,073.65	\$ 17,074.45
NW 33RD ST	27147	NW97AVE	NW33ST	715	4.4	9	10	17160.00	1906.67	1429.94	207341.71	103.67	\$ 5,434.00	\$ 13,119.55	\$ 18,553.55
NW 40TH ST RD	25614	NW97AVE	NW40ST	352	0	9	9.5	8448.00	938.67	703.97	102075.92	51.04	\$ 2,675.20	\$ 6,458.85	\$ 9,134.05
NW 52ND ST	25280	NW78AVE	NW77CT	537	4.5	9	8.5	12888.00	1432.00	1073.96	155723.77	77.86	\$ 4,081.20	\$ 9,853.42	\$ 13,934.62
NW 52ND ST	25282	NW79AVE	NW78AVE	671	3.5	9	8.5	16104.00	1789.33	1341.95	194582.22	97.29	\$ 5,099.60	\$ 12,312.19	\$ 17,411.79
NW 54TH ST	22304	NW84AVE	NW82AVE	1324	4.2	9	10	31776.00	3530.67	2647.89	383944.64	191.97	\$ 10,062.40	\$ 24,294.10	\$ 34,356.50
NW 54TH ST	22321	NW79AVE	NW78AVE	667	2.2	9	7	16008.00	1778.67	1333.95	193422.26	96.71	\$ 5,069.20	\$ 12,238.79	\$ 17,307.99
NW 54TH ST	22325	NW78AVE	NW77CT	544	3.5	9	7	13056.00	1450.67	1087.96	157753.69	78.88	\$ 4,134.40	\$ 9,981.86	\$ 14,116.26
NW 54TH ST	25256	NW87AVE	NW84AVE	1318	4	9	9.5	31632.00	3514.67	2635.89	382204.71	191.10	\$ 10,016.80	\$ 24,184.00	\$ 34,200.80
NW 55TH ST	22315	NW79AVE	NW78AVE	662	2.3	9	8.5	15888.00	1765.33	1323.95	191972.32	95.99	\$ 5,031.20	\$ 12,147.05	\$ 17,178.25
NW 55TH ST	23626	NW78AVE	NW77CT	542	2	8	8.5	13008.00	1445.33	1083.96	157173.71	78.59	\$ 4,119.20	\$ 9,945.17	\$ 14,064.37
NW 56TH ST	22316	NW79AVE	NW78AVE	665	3.9	10	9.5	15960.00	1773.33	1329.95	192842.29	96.42	\$ 5,054.00	\$ 12,202.10	\$ 17,256.10
NW 56TH ST	22324	NW78AVE	NW77CT	500	3.8	10	10	12000.00	1333.33	999.96	144994.20	72.50	\$ 3,800.00	\$ 9,174.51	\$ 12,974.51
NW 59TH TER	24667	NW114AVE	DE	81	0	9	7	1944.00	216.00	161.99	23489.06	11.74	\$ 615.60	\$ 1,486.27	\$ 2,101.87
NW 66TH ST	262893	NW107AVE	NW105PL	324	4.2	9	10	7776.00	864.00	647.97	93956.24	46.98	\$ 2,462.40	\$ 5,945.08	\$ 8,407.48
NW 66TH ST	262925	NW105PL	NE105CT	147	4.2	9	9.5	3528.00	392.00	293.99	42628.29	21.31	\$ 1,117.20	\$ 2,697.31	\$ 3,814.51
NW 66TH ST	262949	NW104PH	NW104PH	144	3.6	9	10	3456.00	384.00	287.99	41758.33	20.88	\$ 1,094.40	\$ 2,642.26	\$ 3,736.66
NW 66TH ST	263928	NW104PH	NW104CT	208	4.1	9	9.5	4992.00	554.67	415.98	60317.59	30.16	\$ 1,580.80	\$ 3,816.60	\$ 5,397.40
NW 66TH ST	263929	NW104CT	NW104AVE	160	4.2	9	10	3840.00	426.67	319.99	46398.14	23.20	\$ 1,216.00	\$ 2,935.84	\$ 4,151.84
NW 77TH CT	18723	NW55ST	NW56ST	347	4.4	10	10	8328.00	925.33	693.97	100625.97	50.31	\$ 2,637.20	\$ 6,367.11	\$ 9,004.31
NW 77TH CT	22326	NW54ST	NW55ST	345	2.7	10	9.5	8280.00	920.00	689.97	100046.00	50.02	\$ 2,622.00	\$ 6,330.41	\$ 8,952.41
NW 77TH CT	22327	NW53ST	NW54ST	320	4.4	10	10	7680.00	853.33	639.97	92796.29	46.40	\$ 2,432.00	\$ 5,871.69	\$ 8,303.69
NW 77TH CT	25571	NW29ST	NW32ST	959	3.7	10	8.5	23016.00	2557.33	1917.92	278098.88	139.05	\$ 7,288.40	\$ 17,596.71	\$ 24,885.11
NW 78TH AVE	26757	NW12ST	NW15ST	1986	4.1	9	8.5	47664.00	5296.00	3971.84	575916.96	287.96	\$ 15,093.60	\$ 36,441.15	\$ 51,534.75
NW 78TH ST	26930	NW112PL	NW112AVE	267	4.1	9	10	6408.00	712.00	533.98	77426.90	38.71	\$ 2,029.20	\$ 4,899.19	\$ 6,928.39
NW 78TH ST	26931	NW113AVE	NW112PL	339	3.8	9	10	8136.00	904.00	677.97	98306.07	49.15	\$ 2,576.40	\$ 6,220.32	\$ 8,796.72
NW 78TH ST	26933	NW114AVE	NW113PL	194	4	9	8.5	4656.00	517.33	387.98	56257.75	28.13	\$ 1,474.40	\$ 3,559.71	\$ 5,034.11
NW 78TH ST	29120	NW112AVE	NW111CT	300	3.9	9	10	7200.00	800.00	599.98	86996.52	43.50	\$ 2,280.00	\$ 5,504.70	\$ 7,784.70
NW 78TH ST	146210	NW108AVE	NW107AVE	395	4	10	10	9480.00	1053.33	789.97	114545.42	57.27	\$ 3,002.00	\$ 7,247.86	\$ 10,249.86
NW 78TH ST	999989	NW107AVE	NW77TER	2306	4.2	10	10	55344.00	6149.33	4611.82	668713.25	334.36	\$ 17,525.60	\$ 42,312.83	\$ 59,838.43
NW 82ND AVE	22303	NW54ST	NW56ST	664	4.2	9	10	15936.00	1770.67	1327.95	192552.30	96.28	\$ 5,046.40	\$ 12,183.75	\$ 17,230.15
NW 82ND ST	122500	NW116AVE	NW116CT	207	4.1	9	8.5	4968.00	552.00	413.98	60027.60	30.01	\$ 1,573.20	\$ 3,798.25	\$ 5,371.45
NW 82TH ST	999990	NW107AVE	NW104AVE	776	3.8	10	10	18624.00	2069.33	1551.94	225031.00	112.52	\$ 5,897.60	\$ 14,238.84	\$ 20,136.44
NW 84TH AVE	18730	NW53ST	NW53TER	607	3.1	9	10	14568.00	1618.67	1213.95	176022.96	88.01	\$ 4,613.20	\$	

2023 Projects (Year 1)

Street Name	Street ID	From	To	Length (Ft)	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 84TH AVE	26371	NW23ST	NW25ST	549	4.3	9	10	13176.00	1464.00	1097.96	159203.63	79.60	\$ 4,172.40	\$ 10,073.61	\$ 14,246.01
NW 84TH AVE	26475	NW27ST	NW29ST	604	4.5	9	9.5	14496.00	1610.67	1207.95	175152.99	87.58	\$ 4,590.40	\$ 11,082.81	\$ 15,673.21
NW 84TH AVE	27281	NW12ST	NW13TER	807	2.7	9	8.5	19368.00	2152.00	1613.94	234020.64	117.01	\$ 6,133.20	\$ 14,807.66	\$ 20,940.86
NW 84TH AVE	27410	NW27ST	RAB	493	3.3	9	10	11832.00	1314.67	985.96	142964.28	71.48	\$ 3,746.80	\$ 9,046.06	\$ 12,792.86
NW 84TH AVE	263025	NW83CT	NW53ST	466	3.2	9	10	11184.00	1242.67	931.96	135134.59	67.57	\$ 3,541.60	\$ 8,550.64	\$ 12,092.24
NW 84TH AVE	263044	NW51TER	NW52ST	304	3.9	9	10	7296.00	810.67	607.98	88156.47	44.08	\$ 2,310.40	\$ 5,578.10	\$ 7,888.50
NW 84TH AVE	999994	NW53TER	NW54ST	326	3.4	9	9	7824.00	869.33	651.97	94536.22	47.27	\$ 2,477.60	\$ 5,981.78	\$ 8,459.38
NW 84TH ST	209765	NW115PL	NW115CT	74	0	9	8.5	1776.00	197.33	147.99	21459.14	10.73	\$ 562.40	\$ 1,357.83	\$ 1,920.23
NW 88TH AVE	25739	NW13TER	NW15ST	870	4.4	9	9.5	20880.00	2320.00	1739.93	252289.91	126.14	\$ 6,612.00	\$ 15,963.64	\$ 22,575.64
NW 88TH AVE	25740	NW15ST	DE	291	2.6	9	9.5	6984.00	776.00	581.98	84386.62	42.19	\$ 2,211.60	\$ 5,339.56	\$ 7,551.16
NW 88TH ST	999999	NW107AVE	NW103CT	1756	3.8	10	10	42144.00	4682.67	3511.86	509219.63	254.61	\$ 13,345.60	\$ 32,220.87	\$ 45,566.47
NW 89TH CT	25738	NW12ST	NW13TER	698	4.1	9	8.5	16752.00	1861.33	1395.94	202411.90	101.21	\$ 5,304.80	\$ 12,807.61	\$ 18,112.41
NW 89TH CT	25743	NW15ST	DE	323	2.3	8	8.5	7752.00	861.33	645.97	93666.25	46.83	\$ 2,454.80	\$ 5,926.73	\$ 8,381.53
NW 89TH PL	28034	NW25ST	NW24TER	67	2	9	7	1608.00	178.67	133.99	19429.22	9.71	\$ 509.20	\$ 1,229.38	\$ 1,738.58
NW 91ST AVE	26477	NW33ST	DE	682	3	9	8	16368.00	1818.67	1363.95	197772.09	98.89	\$ 5,183.20	\$ 12,514.03	\$ 17,697.23
NW 99TH AVE	24050	NW99AVE	RAB	126	0	9	10	3024.00	336.00	251.99	36538.54	18.27	\$ 957.60	\$ 2,311.98	\$ 3,269.58
NW 99TH AVE	24051	NW28TER	NW27TER	295	4.4	10	8.5	7080.00	786.67	589.98	85546.58	42.77	\$ 2,242.00	\$ 5,412.96	\$ 7,654.96
NW 99TH AVE	24516	NW25ST	NW21ST	1239	4.3	9	10	29736.00	3304.00	2477.90	359295.63	179.65	\$ 9,416.40	\$ 22,734.43	\$ 32,150.83
NW 99TH AVE	25685	NW26ST	NW25TER	267	2.9	9	9.5	6408.00	712.00	533.98	77426.90	38.71	\$ 2,029.20	\$ 4,899.19	\$ 6,928.39
NW 99TH AVE	25692	NW25TER	NW25ST	112	2	9	8.5	2688.00	298.67	223.99	32478.70	16.24	\$ 851.20	\$ 2,055.09	\$ 2,906.29
NW 99TH AVE	25696	NW27TER	NW27ST	296	4.3	10	10	7104.00	789.33	591.98	85836.57	42.92	\$ 2,249.60	\$ 5,431.31	\$ 7,680.91
NW 99TH AVE	109253	NW58ST	NW62ST	311	2.5	9	8.5	7464.00	829.33	621.98	90186.39	45.09	\$ 2,363.60	\$ 5,706.54	\$ 8,070.14
UNNAMED ROAD 7 (NW 88TH ST)	264085	ROUNDABOUT	ROUNDABOUT	67	0	9	10	1608.00	178.67	133.99	19429.22	9.71	\$ 509.20	\$ 1,229.38	\$ 1,738.58
UNNAMED ROAD 7 (NW 88TH ST)	264087	ROUNDABOUT	ROUNDABOUT	67	0	9	10	1608.00	178.67	133.99	19429.22	9.71	\$ 509.20	\$ 1,229.38	\$ 1,738.58
UNNAMED ROAD 7 (NW 88TH ST)	264088	ROUNDABOUT	ROUNDABOUT	125	0	9	10	3000.00	333.33	249.99	36248.55	18.12	\$ 950.00	\$ 2,293.63	\$ 3,243.63
Subtotal Cost of Construction															\$ 1,502,655.62
Contingency (20%)															\$ 300,531.12
Total Cost of Projects															\$ 1,803,186.74

2024 Projects (Year 2)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 100TH AVE	25687	NW26ST	NW26ST	267	5.4	10	9	6408.00	712.00	533.98	77426.90	38.71	\$ 2,029.20	\$ 4,899.19	\$ 6,928.39
NW 100TH AVE	25699	NW27ST	NW27ST	285	5.2	9	9	6840.00	760.00	569.98	82646.69	41.32	\$ 2,166.00	\$ 5,229.47	\$ 7,395.47
NW 102ND AVE	25689	NW26ST	NW26ST	258	5.1	9	9.5	6192.00	688.00	515.98	74817.01	37.41	\$ 1,960.80	\$ 4,734.05	\$ 6,694.85
NW 102ND AVE	25694	NW27TER	NW27TER	290	4.7	10	10	6960.00	773.33	579.98	84096.64	42.05	\$ 2,204.00	\$ 5,321.21	\$ 7,525.21
NW 102ND AVE	262604	NW76TER	NW76TER	556	5.2	9	9.5	13344.00	1482.67	1111.96	161233.55	80.62	\$ 4,225.60	\$ 10,202.05	\$ 14,427.65
NW 102ND AVE	263944	NW62ST	NW62ST	1334	5.2	9	10	32016.00	3557.33	2667.89	386844.53	193.42	\$ 10,138.40	\$ 24,477.59	\$ 34,615.99
NW 102ND AVE	999988	NW103AVE	NW103AVE	2938	5.4	9	10	70512.00	7834.67	5875.76	851985.92	425.99	\$ 22,328.80	\$ 53,909.41	\$ 76,238.21
NW 104TH AVE	26408	NW52ST	NW52ST	369	4.6	10	10	8856.00	984.00	737.97	107005.72	53.50	\$ 2,804.40	\$ 6,770.79	\$ 9,575.19
NW 104TH AVE	27449	NW37TER	NW37TER	500	5.1	9	9.5	12000.00	1333.33	999.96	144994.20	72.50	\$ 3,800.00	\$ 9,174.51	\$ 12,974.51
NW 104TH AVE	27539	NW48ST	NW48ST	744	5.3	10	9	17856.00	1984.00	1487.94	215751.37	107.88	\$ 5,654.40	\$ 13,651.67	\$ 19,306.07
NW 104TH PATH	263544	NW64TER	NW64TER	402	5.1	10	10	9648.00	1072.00	803.97	116575.34	58.29	\$ 3,055.20	\$ 7,376.30	\$ 10,431.50
NW 109TH AVE	19637	NW109AVE	NW109AVE	818	4.6	9	9.5	19632.00	2181.33	1635.93	237210.51	118.61	\$ 6,216.80	\$ 15,009.50	\$ 21,226.30
NW 109TH AVE	28627	NW85TER	NW85TER	130	4.7	9	10	3120.00	346.67	259.99	37698.49	18.85	\$ 988.00	\$ 2,385.37	\$ 3,373.37
NW 109TH AVE	29049	NW85TER	NW85TER	218	4.8	9	10	5232.00	581.33	435.98	63217.47	31.61	\$ 1,656.80	\$ 4,000.09	\$ 5,656.89
NW 109TH AVE	126101	NW83ST	NW83ST	215	5.1	10	9.5	5160.00	573.33	429.98	62347.51	31.17	\$ 1,634.00	\$ 3,945.04	\$ 5,579.04
NW 109TH AVE	126102	NW84ST	NW84ST	405	5.3	9	9.5	9720.00	1080.00	809.97	117445.30	58.72	\$ 3,078.00	\$ 7,431.35	\$ 10,509.35
NW 114TH AVE	24669	NW74ST	NW74ST	413	5.3	9	9.5	9912.00	1101.33	825.97	119765.21	59.88	\$ 3,138.80	\$ 7,578.14	\$ 10,716.94
NW 114TH AVE	26921	NW77LN	NW77LN	509	5.2	9	10	12216.00	1357.33	1017.96	147604.10	73.80	\$ 3,868.40	\$ 9,339.65	\$ 13,208.05
NW 114TH AVE	26929	NW78ST	NW78ST	400	4.6	10	10	9600.00	1066.67	799.97	115995.36	58.00	\$ 3,040.00	\$ 7,339.61	\$ 10,379.61
NW 114TH AVE	242569	NW82ST	NW82ST	829	5.3	10	6.5	19896.00	2210.67	1657.93	240400.38	120.20	\$ 6,300.40	\$ 15,211.33	\$ 21,511.73
NW 114TH CT	155272	NW87LN	NW87LN	302	5.3	10	10	7248.00	805.33	603.98	87576.50	43.79	\$ 2,295.20	\$ 5,541.40	\$ 7,836.60
NW 117TH AVE	26798	NW58ST	NW58ST	754	5.4	10	9.5	18096.00	2010.67	1507.94	218651.25	109.33	\$ 5,730.40	\$ 13,835.16	\$ 19,565.56
NW 14TH ST	26762	NW82AVE	NW82AVE	1547	5.2	9	9	37128.00	4125.33	3093.88	448612.05	224.31	\$ 11,757.20	\$ 28,385.93	\$ 40,143.13
NW 17TH ST	246505	NW87AVE	NW87AVE	764	4.6	9	10	18336.00	2037.33	1527.94	221551.14	110.78	\$ 5,806.40	\$ 14,018.65	\$ 19,825.05
NW 21ST ST	24531	NW102PL	NW102PL	540	5.3	9	9.5	12960.00	1440.00	1079.96	156593.74	78.30	\$ 4,104.00	\$ 9,908.47	\$ 14,012.47
NW 24TH TER	28038	NW89PL	NW89PL	978	5.1	9	10	23472.00	2608.00	1955.92	283608.66	141.80	\$ 7,432.80	\$ 17,945.34	\$ 25,378.14
NW 25TH TER	25686	NW100AVE	NW100AVE	661	4.9	9	8.5	15864.00	1762.67	1321.95	191682.33	95.84	\$ 5,023.60	\$ 12,128.70	\$ 17,152.30
NW 25TH TER	28075	NW99AVE	NW99AVE	657	4.9	9	10	15768.00	1752.00	1313.95	190522.38	95.26	\$ 4,993.20	\$ 12,055.30	\$ 17,048.50
NW 26TH ST	25683	NW102AVE	NW102AVE	647	4.8	10	10	15528.00	1725.33	1293.95	187622.49	93.81	\$ 4,917.20	\$ 11,871.81	\$ 16,789.01
NW 26TH ST	25684	NW100AVE	NW100AVE	651	5.2	9	10	15624.00	1736.00	1301.95	188782.45	94.39	\$ 4,947.60	\$ 11,945.21	\$ 16,892.81
NW 27TH ST	25698	NW1000AVE	NW1000AVE	651	5	10	10	15624.00	1736.00	1301.95	188782.45	94.39	\$ 4,947.60	\$ 11,945.21	\$ 16,892.81
NW 27TH ST	25700	NW102AVE	NW102AVE	649	4.9	10	9.5	15576.00	1730.67	1297.95	188202.47	94.10	\$ 4,932.40	\$ 11,908.51	\$ 16,840.91
NW 33RD ST	16164	NW84AVE	NW84AVE	574	4.7	9	8	13776.00	1530.67	1147.95	166453.34	83.23	\$ 4,362.40	\$ 10,532.34	\$ 14,894.74
NW 33RD ST	26360	NW89CT	NW89CT	1414	4.8	9	10	33936.00	3770.67	2827.89	410043.60	205.02	\$ 10,746.40	\$ 25,945.51	\$ 36,691.91
NW 33RD ST	26361	NW87AVE	NW87AVE	505	5.1	9	9	12120.00	1346.67	1009.96	146444.14	73.22	\$ 3,838.00	\$ 9,266.25	\$ 13,104.25
NW 33RD ST	26376	NW84AVE	NW84AVE	655	4.8	9	8.5	15720.00	1746.67	1309.95	189942.40	94.97	\$ 4,978.00	\$ 12,018.61	\$ 16,996.61
NW 33RD ST	26619	NW109AVE	NW109AVE	875	5.3	9	9.5	21000.00	2333.33	1749.93	253739.85	126.87	\$ 6,650.00	\$ 16,055.39	\$ 22,705.39
NW 33RD ST	266445	NW87AVE	NW87AVE	509	4.8	9	8.5	12216.00	1357.33	1017.96	147604.10	73.80	\$ 3,868.40	\$ 9,339.65	\$ 13,208.05
NW 35TH LN	23925	NW89CT	NW89CT	1392	4.7	9	10	33408.00	3712.00	2783.89	403663.85	201.83	\$ 10,579.20	\$ 25,541.83	\$ 36,121.03
NW 50TH ST	25291	NW79AVE	NW79AVE	1218	4.8	9	8	29232.00	3248.00	2435.90	353205.87	176.60	\$ 9,256.80	\$ 22,349.10	\$ 31,605.90
NW 50TH ST	28467	NW109AVE	NW109AVE	1349	5	9	10	32376.00							

2024 Projects (Year 2)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 56TH ST	22298	NW87AVE	NW87AVE	1324	5.3	10	10	31776.00	3530.67	2647.89	383944.64	191.97	\$ 10,062.40	\$ 24,294.10	\$ 34,356.50
NW 56TH ST	22313	NW82AVE	NW82AVE	1314	4.6	9	9.5	31536.00	3504.00	2627.89	381044.76	190.52	\$ 9,986.40	\$ 24,110.61	\$ 34,097.01
NW 66TH ST	262888	NW105CT	NW105CT	186	5.1	9	10	4464.00	496.00	371.99	53937.84	26.97	\$ 1,413.60	\$ 3,412.92	\$ 4,826.52
NW 66TH ST	262924	NW105PL	NW105PL	47	5	9	10	1128.00	125.33	94.00	13629.45	6.81	\$ 357.20	\$ 862.40	\$ 1,219.60
NW 66TH ST	263927	DE	DE	57	4.6	9	10	1368.00	152.00	114.00	16529.34	8.26	\$ 433.20	\$ 1,045.89	\$ 1,479.09
NW 66TH ST	264006	NW103PL	NW103PL	404	5.4	10	10	9696.00	1077.33	807.97	117155.31	58.58	\$ 3,070.40	\$ 7,413.00	\$ 10,483.40
NW 66TH ST	264009	NW103PSG	NW103PSG	241	5	10	10	5784.00	642.67	481.98	69887.20	34.94	\$ 1,831.60	\$ 4,422.11	\$ 6,253.71
NW 77TH CT	22329	NW52ST	NW52ST	331	5.1	10	10	7944.00	882.67	661.97	95986.16	47.99	\$ 2,515.60	\$ 6,073.52	\$ 8,589.12
NW 78TH ST	26932	NW113PL	NW113PL	411	4.8	9	10	9864.00	1096.00	821.97	119185.23	59.59	\$ 3,123.60	\$ 7,541.45	\$ 10,665.05
NW 78TH ST	27364	NW107AVE	NW107AVE	461	4.9	9	10	11064.00	1229.33	921.96	133684.65	66.84	\$ 3,503.60	\$ 8,458.90	\$ 11,962.50
NW 78TH ST	29278	NW111CT	NW111CT	1100	4.6	10	10	26400.00	2933.33	2199.91	318987.24	159.49	\$ 8,360.00	\$ 20,183.92	\$ 28,543.92
NW 78TH ST	146212	NW108CT	NW108CT	308	4.7	10	9.5	7392.00	821.33	615.98	89316.43	44.66	\$ 2,340.80	\$ 5,651.50	\$ 7,992.30
NW 78TH ST	146213	NW109AVE	NW109AVE	641	4.8	10	10	15384.00	1709.33	1281.95	185882.56	92.94	\$ 4,871.60	\$ 11,761.72	\$ 16,633.32
NW 82ND AVE	22301	NW56ST	NW56ST	659	4.8	9	8.5	15816.00	1757.33	1317.95	191102.36	95.55	\$ 5,008.40	\$ 12,092.00	\$ 17,100.40
NW 82ND ST	27361	NW107AVE	NW 104 AVE	473	5.1	10	9	11352.00	1261.33	945.96	137164.51	68.58	\$ 3,594.80	\$ 8,679.08	\$ 12,273.88
NW 82ND ST	29162	NW114AVE	NW114AVE	570	5.4	9	10	13680.00	1520.00	1139.95	165293.39	82.65	\$ 4,332.00	\$ 10,458.94	\$ 14,790.94
NW 82ND ST	29251	NW114PH	NW114PH	219	5	9	10	5256.00	584.00	437.98	63507.46	31.75	\$ 1,664.40	\$ 4,018.43	\$ 5,682.83
NW 82ND ST	220013	NW115CT	NW115CT	194	4.9	9	9.5	4656.00	517.33	387.98	56257.75	28.13	\$ 1,474.40	\$ 3,559.71	\$ 5,034.11
NW 82ND ST	220014	NW114PSG	NW114PSG	239	4.7	9	10	5736.00	637.33	477.98	69307.23	34.65	\$ 1,816.40	\$ 4,385.41	\$ 6,201.81
NW 82ND ST	242566	NW110AVE	NW109AVE	403	4.7	10	10	9672.00	1074.67	805.97	116865.33	58.43	\$ 3,062.80	\$ 7,394.65	\$ 10,457.45
NW 84TH AVE	26373	NW30TER	NW30TER	1089	4.7	9	8.5	26136.00	2904.00	2177.91	315797.37	157.90	\$ 8,276.40	\$ 19,982.08	\$ 28,258.48
NW 84TH AVE	26474	NW 29ST	NW 29ST	348	4.8	9	10	8352.00	928.00	695.97	100915.96	50.46	\$ 2,644.80	\$ 6,385.46	\$ 9,030.26
NW 84TH AVE	27282	NW13TER	NW13TER	424	5.3	9	10	10176.00	1130.67	847.97	122955.08	61.48	\$ 3,222.40	\$ 7,779.98	\$ 11,002.38
NW 87TH CT	24557	NW26ST	NW26ST	569	5	9	10	13656.00	1517.33	1137.95	165003.40	82.50	\$ 4,324.40	\$ 10,440.59	\$ 14,764.99
NW 88TH CT	25745	NW21TER	NW21TER	436	4.7	9	10	10464.00	1162.67	871.97	126434.94	63.22	\$ 3,313.60	\$ 8,000.17	\$ 11,313.77
NW 88TH CT	25746	NW20ST	NW20ST	482	4.8	9	10	11568.00	1285.33	963.96	139774.41	69.89	\$ 3,663.20	\$ 8,844.23	\$ 12,507.43
NW 88TH ST	264164	NW102AVE	NW102AVE	785	5	10	10	18840.00	2093.33	1569.94	227640.89	113.82	\$ 5,966.00	\$ 14,403.98	\$ 20,369.98
NW 89TH CT	25741	NW13TER	NW13TER	879	5.2	9	10	21096.00	2344.00	1757.93	254899.80	127.45	\$ 6,680.40	\$ 16,128.79	\$ 22,809.19

2024 Projects (Year 2)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 89TH CT	233564	NW33ST	NW33ST	106	4.8	9	10	2544.00	282.67	211.99	30738.77	15.37	\$ 805.60	\$ 1,945.00	\$ 2,750.60
NW 89TH PL	25750	NW23ST	NW23ST	608	4.7	9	9.5	14592.00	1621.33	1215.95	176312.95	88.16	\$ 4,620.80	\$ 11,156.20	\$ 15,777.00
NW 90TH ST	29268	NW112AVE	NW112AVE	1341	5.2	9	8.5	32184.00	3576.00	2681.89	388874.44	194.44	\$ 10,191.60	\$ 24,606.03	\$ 34,797.63
NW 90TH ST	118706	NW111AVE	NW111AVE	495	5.2	9	10	11880.00	1320.00	989.96	143544.26	71.77	\$ 3,762.00	\$ 9,082.76	\$ 12,844.76
NW 90TH ST	119178	NW109AVE	NW109AVE	828	4.6	9	9.5	19872.00	2208.00	1655.93	240110.40	120.06	\$ 6,292.80	\$ 15,192.99	\$ 21,485.79
NW 90TH ST	131667	NW107AVE	NW107AVE	325	5.4	9	9.5	7800.00	866.67	649.97	94246.23	47.12	\$ 2,470.00	\$ 5,963.43	\$ 8,433.43
NW 90TH ST	252302	NW102AVE	NW102AVE	603	5.2	9	10	14472.00	1608.00	1205.95	174863.01	87.43	\$ 4,582.80	\$ 11,064.46	\$ 15,647.26
NW 92ND AVE	26337	NW58ST	NW58ST	450	5.3	9	7	10800.00	1200.00	899.96	130494.78	65.25	\$ 3,420.00	\$ 8,257.06	\$ 11,677.06
NW 99TH AVE	109252	NW58ST	NW58ST	577	4.9	9	10	13848.00	1538.67	1153.95	167323.31	83.66	\$ 4,385.20	\$ 10,587.38	\$ 14,972.58
NW 99TH AVE	111989	NW58ST	NW58ST	287	5.1	9	8.5	6888.00	765.33	573.98	83226.67	41.61	\$ 2,181.20	\$ 5,266.17	\$ 7,447.37
UNNAMED ROAD 3 (NW 88TH ST)	173631	NW107AVE	NW107AVE	1325	4.9	9	10	31800.00	3533.33	2649.89	384234.63	192.12	\$ 10,070.00	\$ 24,312.45	\$ 34,382.45
Subtotal Cost of Construction															\$ 1,359,105.66
Contingency (20%)															\$ 271,821.13
Total Cost of Projects															\$ 1,630,926.80

2025 Projects (Year 3)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 112TH PL	26928	NW78ST	NW77TER	261				6264.00	696.00	521.98	75686.97	37.84	\$ 1,983.60	\$ 4,789.09	\$ 6,772.69
NW 27TH TER	25680	NW100AVE	NW99AVE	661	5.3	10	10	15864.00	1762.67	1321.95	191682.33	95.84	\$ 5,023.60	\$ 12,128.70	\$ 17,152.30
NW 27TH TER	25681	NW102AVE	NW100AVE	647	5.9	10	9	15528.00	1725.33	1293.95	187622.49	93.81	\$ 4,917.20	\$ 11,871.81	\$ 16,789.01
NW 27TH TER	25703	NW99AVE	NW98AVE	659	3.3	9	9.5	15816.00	1757.33	1317.95	191102.36	95.55	\$ 5,008.40	\$ 12,092.00	\$ 17,100.40
NW 27TH TER	25821	NW98AVE	NW97AVE	643	3.8	9	8.5	15432.00	1714.67	1285.95	186462.54	93.23	\$ 4,886.80	\$ 11,798.42	\$ 16,685.22
NW 79TH AVE	26380	NW39ST	NW41ST	373	3.4	9	10	8952.00	994.67	745.97	108165.67	54.08	\$ 2,834.80	\$ 6,844.18	\$ 9,678.98
NW 90TH ST	131668	NW107AVE	NW109AVE	981	6.2	9	10	23544.00	2616.00	1961.92	284478.62	142.24	\$ 7,455.60	\$ 18,000.38	\$ 25,455.98
Subtotal Cost of Construction															\$ 109,634.59
Contingency (20%)															\$ 21,926.92
Total Cost of Projects															\$ 131,561.51

2026 Projects (Year 4)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 102ND AVE	24052	NW28TER	NW27TER	305	6.4	10	10	7320.00	813.33	609.98	88446.46	44.22	\$ 2,318.00	\$ 5,596.45	\$ 7,914.45
NW 102ND AVE	25211	NW48ST	NW48CIR	455	6.6	10	10	10920.00	1213.33	909.96	131944.72	65.97	\$ 3,458.00	\$ 8,348.80	\$ 11,806.80
NW 102ND AVE	25682	NW27ST	NW26ST	291	6	9	9	6984.00	776.00	581.98	84386.62	42.19	\$ 2,211.60	\$ 5,339.56	\$ 7,551.16
NW 79TH AVE	18720	NW53ST	NW54ST	334	5.8	9	9.5	8016.00	890.67	667.97	96856.13	48.43	\$ 2,538.40	\$ 6,128.57	\$ 8,666.97
NW 79TH AVE	22307	NW57ST	NW58ST	336	4.3	9	9	8064.00	896.00	671.97	97436.10	48.72	\$ 2,553.60	\$ 6,165.27	\$ 8,718.87
NW 79TH AVE	22312	NW56ST	NW57ST	334	7.1	9	10	8016.00	890.67	667.97	96856.13	48.43	\$ 2,538.40	\$ 6,128.57	\$ 8,666.97
NW 79TH AVE	22314	NW55ST	NW56ST	323	4.8	9	10	7752.00	861.33	645.97	93666.25	46.83	\$ 2,454.80	\$ 5,926.73	\$ 8,381.53
NW 79TH AVE	22319	NW54ST	NW55ST	339	5	9	10	8136.00	904.00	677.97	98306.07	49.15	\$ 2,576.40	\$ 6,220.32	\$ 8,796.72
Subtotal Cost of Construction															\$ 70,503.48
Contingency (20%)															\$ 14,100.70
Total Cost of Projects															\$ 84,604.17

2027 Projects (Year 5)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 100TH AVE	24053	NW 28TER	NW 27TER	295	6	10	8.5	7080.00	786.67	589.98	85546.58	42.77	\$ 2,242.00	\$ 5,412.96	\$ 7,654.96
NW 100TH AVE	233004	NW27TER	NW27ST	157	6	10	8.5	3768.00	418.67	313.99	45528.18	22.76	\$ 1,193.20	\$ 2,880.80	\$ 4,074.00
NW 104TH AVE	252804	NW62ST	NW61LN	130	5.6	9	10	3120.00	346.67	259.99	37698.49	18.85	\$ 988.00	\$ 2,385.37	\$ 3,373.37
NW 108TH AVE	25673	NW29ST	NW27ST	643	5.5	9	8.5	15432.00	1714.67	1285.95	186462.54	93.23	\$ 4,886.80	\$ 11,798.42	\$ 16,685.22
NW 108TH AVE	26343	NW33ST	NW30ST	686	5.7	9	10	16464.00	1829.33	1371.95	198932.04	99.47	\$ 5,213.60	\$ 12,587.42	\$ 17,801.02
NW 109TH AVE	28258	NW48LN	NW43LN	1279	6	10	10	30696.00	3410.67	2557.90	370895.16	185.45	\$ 9,720.40	\$ 23,468.39	\$ 33,188.79
NW 110TH AVE	28620	NW86ST	NW84ST	592	5.8	10	9.5	14208.00	1578.67	1183.95	171673.13	85.84	\$ 4,499.20	\$ 10,862.62	\$ 15,361.82
NW 110TH PL	28619	NW86ST	NW84ST	534	5.6	10	10	12816.00	1424.00	1067.96	154853.81	77.43	\$ 4,058.40	\$ 9,798.37	\$ 13,856.77
NW 111TH CT	28618	NW86ST	NW84ST	492	5.6	10	9.5	11808.00	1312.00	983.96	142674.29	71.34	\$ 3,739.20	\$ 9,027.72	\$ 12,766.92
NW 114TH AVE	23183	NW68TER	NW67TER	67	6.5	10	9.5	1608.00	178.67	133.99	19429.22	9.71	\$ 509.20	\$ 1,229.38	\$ 1,738.58
NW 114TH AVE	23184	NW114CT	NW68TER	531	6.8	10	10	12744.00	1416.00	1061.96	153983.84	76.99	\$ 4,035.60	\$ 9,743.33	\$ 13,778.93
NW 114TH AVE	24663	NW67TER	NW62TER	464	6.8	10	9.5	11136.00	1237.33	927.96	134554.62	67.28	\$ 3,526.40	\$ 8,513.94	\$ 12,040.34
NW 114TH AVE	24664	NW67TER	NW62TER	1409	6.5	10	10	33816.00	3757.33	2817.89	408593.66	204.30	\$ 10,708.40	\$ 25,853.76	\$ 36,562.16
NW 114TH AVE	24668	NW72TER	NW72ST	337	6.4	10	10	8088.00	898.67	673.97	97726.09	48.86	\$ 2,561.20	\$ 6,183.62	\$ 8,744.82
NW 114TH AVE	24676	NW60ST	NW58ST	405	5.5	10	10	9720.00	1080.00	809.97	117445.30	58.72	\$ 3,078.00	\$ 7,431.35	\$ 10,509.35
NW 114TH AVE	26934	NW80ST	NW78ST	495	6.2	9	10	11880.00	1320.00	989.96	143544.26	71.77	\$ 3,762.00	\$ 9,082.76	\$ 12,844.76
NW 114TH AVE	27622	NW72ST	NW114CT	628	6.2	10	10	15072.00	1674.67	1255.95	182112.72	91.06	\$ 4,772.80	\$ 11,523.18	\$ 16,295.98
NW 114TH AVE	28575	NW62TER	NW60ST	543	6.7	10	10	13032.00	1448.00	1085.96	157463.70	78.73	\$ 4,126.80	\$ 9,963.52	\$ 14,090.32
NW 117TH AVE	26797	NW58ST	NW50ST	1908	7.3	10	10	45792.00	5088.00	3815.85	553297.87	276.65	\$ 14,500.80	\$ 35,009.92	\$ 49,510.72
NW 15TH ST	18826	NW88AVE	NW89ct	731	6.2	9	10	17544.00	1949.33	1461.94	211981.52	105.99	\$ 5,555.60	\$ 13,413.13	\$ 18,968.73
NW 17TH ST	25843	NW82st	DE	782	7	9	10	18768.00	2085.33	1563.94	226770.93	113.39	\$ 5,943.20	\$ 14,348.93	\$ 20,292.13
NW 20TH ST	25747	NW89PL	NW88CT	957	5.6	9	10	22968.00	2552.00	1913.92	277518.90	138.76	\$ 7,273.20	\$ 17,560.01	\$ 24,833.21
NW 21ST ST	26085	NW107AVE	NW102PL	2094	6.7	9	10	50256.00	5584.00	4187.83	607235.71	303.62	\$ 15,914.40	\$ 38,422.84	\$ 54,337.24
NW 21ST ST	26087	NW102AVE	NW99AVE	1294	5.7	9	9.5	31056.00	3450.67	2587.90	375244.99	187.62	\$ 9,834.40	\$ 23,743.63	\$ 33,578.03
NW 26TH ST	241584	NW89CT	NW87CT	184	5.9	9	9	4416.00	490.67	367.99	53357.87	26.68	\$ 1,398.40	\$ 3,376.22	\$ 4,774.62
NW 26TH ST	241585	NW89CT	NW87CT	846	5.7	9	10	20304.00	2256.00	1691.93	245330.19	122.67	\$ 6,429.60	\$ 15,523.27	\$ 21,952.87
NW 29TH ST	25570	NW82AVE	NW79AVE	1313	5.7	10	10	31512.00	3501.33	2625.89	380754.77	190.38	\$ 9,978.80	\$ 24,092.26	\$ 34,071.06
NW 29TH ST	26476	NW87AVE	NW84AVE	1303	5.6	9	10	31272.00	3474.67	2605.90	377854.89	188.93	\$ 9,902.80	\$ 23,908.77	\$ 33,811.57

2027 Projects (Year 5)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 29TH ST	28059	NW79AVE	NW77CT	632	5.5	9	10	15168.00	1685.33	1263.95	183272.67	91.64	\$ 4,803.20	\$ 11,596.58	\$ 16,399.78
NW 31ST ST	23629	NW82AVE	NW79AVE	1319	5.6	9	8	31656.00	3517.33	2637.89	382494.70	191.25	\$ 10,024.40	\$ 24,202.35	\$ 34,226.75
NW 33RD ST	26319	NW91AVE	NW89CT	872	6.3	9	10	20928.00	2325.33	1743.93	252869.88	126.43	\$ 6,627.20	\$ 16,000.34	\$ 22,627.54
NW 33RD ST	26320	NW92AVE	NW91AVE	402	6.8	10	10	9648.00	1072.00	803.97	116575.34	58.29	\$ 3,055.20	\$ 7,376.30	\$ 10,431.50
NW 33RD ST	26338	NW105AVE	NW104AVE	663	6.7	9	10	15912.00	1768.00	1325.95	192262.31	96.13	\$ 5,038.80	\$ 12,165.40	\$ 17,204.20
NW 33RD ST	26339	NW104AVE	TORREMOLINOS AV	706	5.5	9	9.5	16944.00	1882.67	1411.94	204731.81	102.37	\$ 5,365.60	\$ 12,954.41	\$ 18,320.01
NW 33RD ST	26706	TORREMOLINOS AV	NW32TER	944	6	9	10	22656.00	2517.33	1887.92	273749.05	136.87	\$ 7,174.40	\$ 17,321.47	\$ 24,495.87
NW 33RD ST	26707	NW32TER	NW98PL	1326	5.9	9	10	31824.00	3536.00	2651.89	384524.62	192.26	\$ 10,077.60	\$ 24,330.80	\$ 34,408.40
NW 33RD ST	28178	NW112AVE	NW109AVE	1234	6	10	10	29616.00	3290.67	2467.90	357845.69	178.92	\$ 9,378.40	\$ 22,642.69	\$ 32,021.09
NW 33RD ST	211989	NW33ST	NW92AVE	1964	6.4	9	10	47136.00	5237.33	3927.84	569537.22	284.77	\$ 14,926.40	\$ 36,037.47	\$ 50,963.87
NW 33RD ST	266444	NW85CT	NW84AVE	465	5.5	9	8.5	11160.00	1240.00	929.96	134844.61	67.42	\$ 3,534.00	\$ 8,532.29	\$ 12,066.29
NW 38TH ST	25615	NW97AVE	NW40RD	687	5.5	9	9.5	16488.00	1832.00	1373.95	199222.03	99.61	\$ 5,221.20	\$ 12,605.77	\$ 17,826.97
NW 38TH ST	26384	NW79AVE	NW77CT	663	5.8	9	8.5	15912.00	1768.00	1325.95	192262.31	96.13	\$ 5,038.80	\$ 12,165.40	\$ 17,204.20
NW 40TH ST RD	25621	NW97AVE	NW38ST	511	6.5	9	10	12264.00	1362.67	1021.96	148184.07	74.09	\$ 3,883.60	\$ 9,376.35	\$ 13,259.95
NW 50TH ST	209804	NW114AVE	NW112AVE	1116	5.8	10	9.5	26784.00	2976.00	2231.91	323627.05	161.81	\$ 8,481.60	\$ 20,477.50	\$ 28,959.10
NW 56TH ST	22302	NW84AVE	NW82AVE	1328	5.5	9	10	31872.00	3541.33	2655.89	385104.60	192.55	\$ 10,092.80	\$ 24,367.49	\$ 34,460.29
NW 66TH ST	26333	NW102AVE	NW97AVE	2636	7.2	9	9.5	63264.00	7029.33	5271.79	764409.42	382.20	\$ 20,033.60	\$ 48,368.01	\$ 68,401.61
NW 79TH AVE	25267	NW51ST	LAKE DR	309	5.6	9	9.5	7416.00	824.00	617.98	89606.42	44.80	\$ 2,348.40	\$ 5,669.85	\$ 8,018.25
NW 79TH AVE	25277	NW45ST	NW48ST	385	7.3	9	9	9240.00	1026.67	769.97	111645.53	55.82	\$ 2,926.00	\$ 7,064.37	\$ 9,990.37
NW 79TH AVE	25283	NW51ST	LAKE DR	173	6.8	9	10	4152.00	461.33	345.99	50167.99	25.08	\$ 1,314.80	\$ 3,174.38	\$ 4,489.18
NW 79TH AVE	25285	NW52ST	NW53ST	327	6.9	9	10	7848.00	872.00	653.97	94826.21	47.41	\$ 2,485.20	\$ 6,000.13	\$ 8,485.33
NW 79TH AVE	25286	NW50ST	NW 51ST	169	4.7	9	10	4056.00	450.67	337.99	49008.04	24.50	\$ 1,284.40	\$ 3,100.98	\$ 4,385.38
NW 79TH AVE	25287	NW48WAY	NW50ST	636	6.4	9	10	15264.00	1696.00	1271.95	184432.62	92.22	\$ 4,833.60	\$ 11,669.97	\$ 16,503.57
NW 79TH AVE	25302	NW41ST	NW45ST	337	6.6	9	8.5	8088.00	898.67	673.97	97726.09	48.86	\$ 2,561.20	\$ 6,183.62	\$ 8,744.82
NW 79TH AVE	25304	NW41ST	NW45ST	655	4.1	9	8.5	15720.00	1746.67	1309.95	189942.40	94.97	\$ 4,978.00	\$ 12,018.61	\$ 16,996.61
NW 79TH AVE	25305	NW41ST	CANAL	59	0	9	8.5	1416.00	157.33	118.00	17109.32	8.55	\$ 448.40	\$ 1,082.59	\$ 1,530.99
NW 79TH AVE	25569	NW29ST	NW31ST	678	4.9	9	10	16272.00	1808.00	1355.95	196612.14	98.31	\$ 5,152.80	\$ 12,440.63	\$ 17,593.43
NW 79TH AVE	25590	NW31ST	NW33ST	306	4.9	9	9.5	7344.00	816.00	611.98	88736.45	44.37	\$ 2,325.60	\$ 5,614.80	\$ 7,940.40
NW 79TH AVE	25591	NW31ST	NW33ST	325	3.4	9	8.5	7800.00	866.67	649.97	94246.23	47.12	\$ 2,470.00	\$ 5,963.43	\$ 8,433.43
NW 79TH AVE	25592	NW33ST	NW34ST	500	5.6	9	9.5	12000.00	1333.33	999.96	144994.20	72.50	\$ 3,800.00	\$ 9,174.51	\$ 12,974.51
NW 79TH AVE	25927	NW48ST	NW48WAY	268	5.4	9	9	6432.00	714.67	535.98	77716.89	38.86	\$ 2,036.80	\$ 4,917.54	\$ 6,954.34
NW 79TH AVE	26217	NW34ST	NW37ST	372	4.5	9	6.5	8928.00	992.00	743.97	107875.68	53.94	\$ 2,827.20	\$ 6,825.83	\$ 9,653.03
NW 79TH AVE	26381	NW36ST	NW39ST	451	4.1	9	10	10824.00	1202.67	901.96	130784.77	65.39	\$ 3,427.60	\$ 8,275.41	\$ 11,703.01
NW 79TH AVE	26389	NW34ST	NW37ST	438	3	9	8.5	10512.00	1168.00	875.96	127014.92	63.51	\$ 3,328.80	\$ 8,036.87	\$ 11,365.67
NW 79TH AVE	26390	NW37ST	NW38ST	342	2.8	9	10	8208.00	912.00	683.97	99176.03	49.59	\$ 2,599.20	\$ 6,275.36	\$ 8,874.56
NW 79TH AVE	27684	NW25ST	NW29ST	1384	5.9	9	10	33216.00	3690.67	2767.89	401343.95	200.67	\$ 10,518.40	\$ 25,395.04	\$ 35,913.44
NW 79TH AVE	28007	NW45ST	NW46ST	272	5.8	9	8.5	6528.00	725.33	543.98	78876.84	39.44	\$ 2,067.20	\$ 4,990.93	\$ 7,058.13

2027 Projects (Year 5)

Street Name	Street ID	From	To	Length	Ride Rating	Rut Rating	Crack Rating	Area to be Paved (SF)	Area to be Paved (SY)	Volume of Asphalt (CF)	Weight of Asphalt (lbs)	Weight of Asphalt (Tons)	Milling Cost	Asphalt Cost	Total Cost
NW 79TH AVE	28009	NW46ST	NW45ST	59	7.9	9	10	1416.00	157.33	118.00	17109.32	8.55	\$ 448.40	\$ 1,082.59	\$ 1,530.99
NW 82ND ST	29189	NW108AVE	NW107AVE	593	6.6	9	10	14232.00	1581.33	1185.95	171963.12	85.98	\$ 4,506.80	\$ 10,880.97	\$ 15,387.77
NW 82ND ST	114145	NW113CT	NW114AVE	315	5.9	10	10	7560.00	840.00	629.97	91346.35	45.67	\$ 2,394.00	\$ 5,779.94	\$ 8,173.94
NW 82ND ST	114146	NW114PL	NW113CT	519	7	10	10	12456.00	1384.00	1037.96	150503.98	75.25	\$ 3,944.40	\$ 9,523.14	\$ 13,467.54
NW 82ND ST	122505	NW116AVE	NW115CT	244	6	9	10	5856.00	650.67	487.98	70757.17	35.38	\$ 1,854.40	\$ 4,477.16	\$ 6,331.56
NW 82ND ST	126099	NW109AVE	NW108AVE	738	6.3	10	10	17712.00	1968.00	1475.94	214011.44	107.01	\$ 5,608.80	\$ 13,541.57	\$ 19,150.37
NW 82ND ST	242567	NW112AVE	NW110AVE	919	5.6	10	10	22056.00	2450.67	1837.93	266499.34	133.25	\$ 6,984.40	\$ 16,862.75	\$ 23,847.15
NW 84TH AVE	28562	NW12ST	NW25ST	186	6.2	9	10	4464.00	496.00	371.99	53937.84	26.97	\$ 1,413.60	\$ 3,412.92	\$ 4,826.52
NW 84TH AVE	28563	NW17ST	NW21ST	1092	5.5	9	8.5	26208.00	2912.00	2183.91	316667.33	158.33	\$ 8,299.20	\$ 20,037.13	\$ 28,336.33
NW 84TH AVE	263024	NW52ST	NW83CT	201	6.4	9	10	4824.00	536.00	401.98	58287.67	29.14	\$ 1,527.60	\$ 3,688.15	\$ 5,215.75
NW 86TH AVE	25840	NW21TER	NW23ST	552	5.7	9	10	13248.00	1472.00	1103.96	160073.60	80.04	\$ 4,195.20	\$ 10,128.66	\$ 14,323.86
NW 88TH CT	25751	NW18TER	NW20ST	676	6.6	9	9.5	16224.00	1802.67	1351.95	196032.16	98.02	\$ 5,137.60	\$ 12,403.93	\$ 17,541.53
NW 89TH CT	26322	NW26ST	NW27ST	539	6	9	10	12936.00	1437.33	1077.96	156303.75	78.15	\$ 4,096.40	\$ 9,890.12	\$ 13,986.52
NW 89TH CT	28036	NW25ST	NW26ST	464	5.9	9	6.5	11136.00	1237.33	927.96	134554.62	67.28	\$ 3,526.40	\$ 8,513.94	\$ 12,040.34
NW 89TH CT	233565	NW33ST	NW35LN	590	5.9	9	9.5	14160.00	1573.33	1179.95	171093.16	85.55	\$ 4,484.00	\$ 10,825.92	\$ 15,309.92
NW 89TH PL	25748	NW20ST	NW23ST	931	5.6	9	10	22344.00	2482.67	1861.93	269979.20	134.99	\$ 7,075.60	\$ 17,082.93	\$ 24,158.53
NW 89TH PL	25752	NW18TER	NW20ST	715	6	9	10	17160.00	1906.67	1429.94	207341.71	103.67	\$ 5,434.00	\$ 13,119.55	\$ 18,553.55
NW 98TH CT	24576	NW17ST	NW14ST	1207	6.5	9	10	28968.00	3218.67	2413.90	350016.00	175.01	\$ 9,173.20	\$ 22,147.26	\$ 31,320.46
NW 99TH AVE	25695	NW27ST	NW26ST	294	6.1	10	8.5	7056.00	784.00	587.98	85256.59	42.63	\$ 2,234.40	\$ 5,394.61	\$ 7,629.01
NW 99TH AVE	26678	NW58ST	NW62ST	334	6.2	9	10	8016.00	890.67	667.97	96856.13	48.43	\$ 2,538.40	\$ 6,128.57	\$ 8,666.97
NW 99TH AVE	111988	NW58ST	NW62ST	295	7.4	9	9.5	7080.00	786.67	589.98	85546.58	42.77	\$ 2,242.00	\$ 5,412.96	\$ 7,654.96
Subtotal Cost of Construction															\$ 1,515,837.72
Contingency (20%)															\$ 303,167.54
Total Cost of Projects															\$ 1,819,005.26