

- C. To such other person or place which any PARTY hereto, by its prior written notice, shall designate for notice to it from the other PARTY hereto.

IN WITNESS WHEREOF, the PARTIES have executed this Agreement by their proper officers duly authorized to execute same, the day and year first above written, and in so doing warrant that they possess full authority to execute this Agreement.

CITY OF WEST CHICAGO, an Illinois
Municipal Corporation,

By: _____
Mayor

ATTEST:

City Clerk

[GROUP]

By: _____
Chairman

By: _____
Coordinator

ATTEST:

EXHIBIT "A"

ROADS AND BRIDGES

(605 ILCS 120/) Illinois Adopt-A-Highway Act.

(605 ILCS 120/1)

Sec. 1. Short title. This Act may be cited as the Illinois Adopt-A-Highway Act.

(Source: P.A. 87-1118.)

(605 ILCS 120/5)

Sec. 5. Purpose. The Adopt-A-Highway program allows private citizens to support municipal, township, and county anti-litter efforts by allowing groups to adopt a section of highway for the purpose of litter collection. The following Sections set forth the uniform guidelines and requirements for the administration of Adopt-A-Highway programs in the State of Illinois.

(Source: P.A. 87-1118.)

(605 ILCS 120/10)

Sec. 10. Definitions. For purposes of this Act:

"Group" means members or employees of civic or not-for-profit organizations, and commercial or private enterprises, who have requested to participate, or are participating in, an Adopt-A-Highway program.

"Litter" means any unsightly or offensive matter that may include, but is not limited to, disposable packaging, containers, cans, bottles, paper, ashes, and cigar and cigarette butts. Litter does not include hazardous, heavy, large items, or carcasses.

"Group coordinator" means the individual selected by a group to serve as its liaison with a sponsoring jurisdiction.

"Group president" means the individual who is the recognized leader, president, or chairman for a group.

"Adopted section" means a length of municipal, township, county, or State right-of-way identified by the sponsoring jurisdiction as a safe, adoptable section of right-of-way for adoption by a group. Sections of rights-of-way may be determined inappropriate for adoption for safety reasons. No interstate highway shall be an adopted section.

"Director" means the designee or designees for any municipality, township, or county who has responsibility for the administration of a jurisdiction's Adopt-A-Highway programs.

"Sponsoring jurisdiction" means the Illinois Department of Transportation or any municipality, township, or county that establishes Adopt-A-Highway programs within its jurisdictional area.

(Source: P.A. 89-229, eff. 1-1-96.)

(605 ILCS 120/15)

Sec. 15. Participation in Adopt-A-Highway Program. Groups may apply to a sponsoring jurisdiction for participation in the jurisdiction's Adopt-A-Highway program. The sponsoring jurisdiction shall establish the terms and procedures groups must follow in applying for participation in the Adopt-A-Highway program.

(Source: P.A. 87-1118.)

(605 ILCS 120/20)

Sec. 20. Agreement.

(a) The sponsoring jurisdiction shall have sole responsibility in determining whether an application is rejected or accepted. If an application is approved, the group coordinator and group president shall execute a written agreement with the sponsoring jurisdiction that provides for the group's participation in the Adopt-A-Highway program.

(b) The agreement shall be in the form prescribed by the sponsoring jurisdiction and shall, at a minimum, contain the following:

(1) an acknowledgment by the group of the hazardous nature of the work involved in participating in the Adopt-A-Highway program;

(2) an agreement to comply with the terms and conditions in the Act and any other terms and conditions required by the sponsoring jurisdiction;

(3) an agreement that the volunteers or the volunteer's agents shall assume all liability for and hold the State and the State's agents or employees harmless from any and all claims of action resulting from the group's volunteers or agents work in the program, except for the negligent acts of the State, and the State's agents or employees;

(4) an agreement that the volunteers or the volunteer's agents shall assume all liability for and hold the sponsoring jurisdiction and the sponsoring jurisdiction's agents or employees harmless from any and all claims of action resulting from the group's volunteers or agents work in the program, except for the negligent acts of the sponsoring jurisdiction and the sponsoring jurisdiction's agents or employees;

(5) an agreement that the members of the group are jointly and severally bound by the terms and conditions set forth in the agreement; and

(6) the respective responsibilities of the group and the sponsoring jurisdiction as contained in Sections 25 and 30 of this Act.

(Source: P.A. 87-1118.)

(605 ILCS 120/25)

Sec. 25. Responsibilities of the group. Groups participating in an Adopt-A-Highway program shall:

- (1) be required to obey and abide by all laws and regulations relating to safety and any other terms and conditions as required by the sponsoring jurisdiction;
- (2) provide one adult supervisor for every 5 youths when persons under age 18 are present on an adopted section;
- (3) not allow a person under the age of 10 to be a member of the group who would be volunteering for the purpose of litter collection;
- (4) require all group members to attend a safety meeting conducted by the group before participation in any litter collection along an adopted section;
- (5) require the group coordinator, or designee, to conduct group safety meetings and to receive safety training as required by the sponsoring jurisdiction;
- (6) adopt a section for a minimum of 2 years;
- (7) collect litter along an adopted section 4 times a year, or as required by the director;
- (8) require the group coordinator to provide prior notice, as required by the director, whenever the group intends to collect litter along its adopted section;
- (9) require group members to properly wear any safety apparel provided by the sponsoring jurisdiction while collecting litter on an adopted section;
- (10) be responsible for prohibiting members from possessing, consuming, or being under the influence of alcohol or drugs while on an adopted section;
- (11) maintain a first-aid kit and an adequate supply of drinking water while members are collecting litter along an adopted section;
- (12) place litter in trashbags provided by the sponsoring jurisdiction and place filled trashbags at a location on the adopted section as designated by the director; and
- (13) not subcontract or assign its duties or responsibilities to any other group or organization.

(Source: P.A. 87-1118.)

(605 ILCS 120/30)

Sec. 30. Responsibilities of the sponsoring jurisdiction. The sponsoring jurisdiction shall:

- (1) determine the specific section of right-of-way that is adopted;
- (2) erect a sign that conforms with Section 35 at each end of an adopted section with the name or acronym of the group displayed;
- (3) provide a group with garbage bags;

(4) provide a group with safety apparel and signs cautioning the public, if required by the sponsoring jurisdiction; and

(5) remove filled garbage bags from an adopted section as soon as practical after litter collection has occurred, and shall otherwise be responsible for removing litter from adopted sections only under unusual circumstances such as to remove large, heavy, or hazardous items.

(Source: P.A. 87-1118.)

(605 ILCS 120/35)

Sec. 35. Signs. Adopt-A-Highway signs shall be uniform Statewide in terms of shape, color, text, and location. The Illinois Department of Transportation shall develop and announce standards for Adopt-A-Highway signs within 90 days of the effective date of this Act. Nothing in this Act shall prohibit the sponsoring jurisdiction and the Illinois Department of Transportation from working cooperatively to carry out the intent of the Adopt-A-Highway Program.

(Source: P.A. 87-1118.)

(605 ILCS 120/40)

Sec. 40. Safety training. The sponsoring jurisdiction shall develop the safety training programs that are to be utilized by group coordinators in compliance with Section 25 of this Act. Safety training programs shall be appropriate for the various types of roadway that may be adopted within a jurisdiction.

(Source: P.A. 87-1118.)

(605 ILCS 120/45)

Sec. 45. Other conditions.

(a) A sponsoring jurisdiction may establish other procedures and requirements for the administration of its Adopt-A-Highway programs. The procedures and requirements shall not be inconsistent with any provision of this Act.

(b) The sponsoring jurisdiction shall have the right to terminate an agreement if a group does not meet the terms and conditions of its agreement, or if the group's involvement in the Adopt-A-Highway program is inconsistent with any other restrictions or limitations established by the sponsoring jurisdiction.

(c) No part of this Act shall prevent the execution of intergovernmental agreements.

(Source: P.A. 87-1118.)

(605 ILCS 120/50)

Sec. 50. Penalty for Litter Control Act violation.

(a) An individual convicted of violating Section 4 or Section 5 of the Litter Control Act by disposing of litter upon a public highway may be required to adopt for 30 days a designated portion of that highway, including the site where the offense occurred.

(b) Item (2) of Section 30 of this Act does not apply when an individual is required to adopt a portion of a highway under this Section.

(Source: P.A. 94-1044, eff. 1-1-07.)

(605 ILCS 120/100)

Sec. 100. This Act takes effect upon becoming law.

(Source: P.A. 87-1118.)

Exhibit "B"

Sec. 15-8. Street rights-of-way included in program.

The following street rights-of-way, or sections of street rights-of-way, shall be included in the Adopt-A-Highway Program and shall be eligible for adoption by a group:

29) Route 38, Town Road to Wegner Drive

30) Route 38, Wegner Drive to Washington Street

(Ord. No. 2904, § 2, 6-5-95; Ord. No. 05-O-0062, § 2, 8-1-2005; Ord. No. 08-O-0013, § 1, 2-18-2008)

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 17-R-0067 - Contract Agreement for Custodial Services with Open Works

AGENDA ITEM NUMBER: 4.F.**COMMITTEE AGENDA DATE:** November 2 2017**COUNCIL AGENDA DATE:** November 6, 2017**STAFF REVIEW:** Robert E. Flatter, P.E., Director of Public Works**SIGNATURE** **APPROVED BY CITY ADMINISTRATOR:** Michael L. Guttman**SIGNATURE** _____**ITEM SUMMARY:**

For Fiscal Year 2016, Open Works of Rosemont, Illinois was awarded a Contract for professional custodial services of six City owned and maintained facilities for an amount not to exceed \$73,464.00. Professional custodial services are provided at the City Hall, Police Station, Water Treatment Plant, Metra Station, Museum, and Grandlake Boulevard Facility.

A provision of the current contract allows for the Contract to be extended for two additional years, through mutual agreement between Open Works and the City, if pricing is held for each subsequent fiscal year, if the City were satisfied with services provided, and if approved by the City Council. On November 7, 2016, the City Council approved the first extension to Open Works' contract for Fiscal Year 2017. Open Works has again offered to extend its 2016 pricing through Fiscal Year 2018 (final extension allowed under the current contract).

Custodial services are budgeted and paid from various funds, depending on the location for services. Adequate funds will be budgeted in the Commuter Parking Fund, the General Fund, and the Water Fund to cover future years' services.

It is staff's recommendation that a Contract extension be awarded to Open Works of Rosemont, Illinois, for professional custodial services during Fiscal Year 2018 for six City owned and maintained facilities, in an amount not to exceed \$73,464.00. Staff was satisfied with Open Works' services during Fiscal Years 2016 and 2017.

ACTIONS PROPOSED:

Approve Resolution No. 17-R-0067 authorizing the Mayor to execute a contract with Open Works of Rosemont, Illinois, for professional custodial services during Fiscal Year 2018 of six City owned and maintained facilities, for an amount not to exceed \$73,464.00.

COMMITTEE RECOMMENDATION:

RESOLUTION NO. 17-R-0067

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE
A CONTRACT AGREEMENT WITH OPEN WORKS FOR PROFESSIONAL
CUSTODIAL SERVICES**

BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Mayor is hereby authorized to execute a Contract Agreement for professional custodial services of six City owned and maintained facilities during fiscal year 2018, between the City of West Chicago and Open Works, for an amount not to exceed \$73,464.00, in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 6th day of November, 2017.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

Mayor Ruben Pineda

ATTEST:

City Clerk Nancy M. Smith



October 13th, 2017

Mark Ruddick
City of West Chicago
475 Main Street
West Chicago, IL 60185

Dear Mark,

I am writing to convey OpenWorks' interest in continuing the Janitorial Services for the City of West Chicago in fiscal year 2018, at the same annual cost we provided for the year of 2016 in the RFP labeled, "The City of West Chicago, Janitorial Bid for Municipal Buildings".

The annual cost for services is \$73,464.00 – seventy-three thousand, four hundred and sixty-four dollars and 00/100 cents. The work scope is to remain identical to that of the aforementioned RFP. The dates of service provided will continue on the date of January 1st, 2018 until December 31st, 2018.

If there are any changes to the work scope or services that you would like to adjust, please let me know. OpenWorks' appreciates your partnership and the opportunity to extend our relationship for another year.

Sincerely,

A handwritten signature in black ink that reads "Patrick R. Tumilty". The signature is written in a cursive style with a large, stylized "P" and "T".

Pat Tumilty
Divisional Vice President

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY

ITEM TITLE:

FY 2018-2022 Capital Improvement Program

AGENDA ITEM NUMBER: 5.A.

COMMITTEE AGENDA DATE: November 2, 2017

COUNCIL AGENDA DATE:

STAFF REVIEW: Robert E. Flatter, P.E., Public Works Director

SIGNATURE 

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE _____

ITEM SUMMARY:

West Chicago's Long Range Capital Improvement Program (CIP) is one of the major planning documents that establishes the context for the physical development and improvement of the community. Through it, the City Council establishes the nature and quality of many physical characteristics of West Chicago, which determines our quality of life. The five (5) year CIP provides a context and direction for the development of annual capital budget and also serves as a major policy document. In it, the City Council establishes the capital work program for the next twelve (12) months, as well as the fundamental direction of the capital planning and execution for the next four (4) budget years.

The CIP has been designed/modified to continue with an aggressive street rehabilitation program (i.e., resurfacing and reconstruction, crack sealing, striping, etc.), and continuation of several other annual citywide programs including Sidewalk Replacement, Forestry (removals and trimmings), Right-Of-Way Maintenance (mowing), EAB Insecticidal Treatment, Tree Replacement, and Curb and Gutter Rehabilitation Program. Other planned programs worthy of mention include rehabilitation of the following roadways: Elm Road; Sherman Street, Stimmel Street, and Blair Street between Lester Street and the EJ&E railroad tracks, south of Ann Street; Weyrauch Street between Blair Street and Lester Street; Stimmel Street and Pomeroy Street between Wood Street and Joliet Street; Elizabeth Street, Gates Street, and Oak Street between Forest Street and Dayton Avenue; Glen Avenue between Bishop Street and IL RTE 59; Dale Avenue between Oak Street and IL RTE 59; Dayton Avenue between Bishop Street and IL RTE 59; and August Street between Bishop Street and IL RTE 59. The 5-year street improvement program has been completely revised based on the 2017 Pavement Condition Rating Survey. We have created a program that addresses all streets with current rating below 72 (100 maximum which represents a newly reconstructed street). The 5-year program as proposed totals \$9,769,900.00, which is an annual average of \$1,953,980.00 per year. The street improvement program will be partially funded using Motor Fuel Tax (MFT) dollars.

The CIP has been revised to incorporate expenditures previously budgeted in the General Fund – Public Works Motor Fuel Tax due to restrictions placed on MFT expenditures by the State of Illinois Department of Transportation (IDOT). To offset the additional CIP expenditures for previously budgeted MFT expenditures, street improvement projects will be partially funded by MFT funds which are easier to program and design for using IDOT standards. To address rock salt storage issues, \$2,000,000.00 has been budgeted in FY 2018 for the construction of a new salt storage facility. Staff understands that the Infrastructure Committee is concerned about spending \$2+ million for a salt storage facility, and the number contained in the draft Capital Projects Fund budget is a placeholder until decisions are made in the first quarter of 2018 on the scope and budget for the salt storage facility. \$500,000 has been budgeted in FY 2018 per the Agreement with Menards for a traffic signal on Illinois Route 64 (North Avenue) in front of its shopping center. The CIP also includes the completion of previously planned but not completed projects such as the entrance sign upgrades and security upgrades at City Hall, construction of a new severe weather warning siren, and the acquisition of Reque Road.

The FY 2018-2022 Capital Improvement Program outlines the full range of the City's physical improvement needs

CITY OF WEST CHICAGO

to the extent that they can be anticipated or predicted based upon availability of funding. Cost estimates have been assigned to each project and the projects have been scheduled over the five (5) year span of the program. By approving the FY 2018-2022 Capital Improvement Program, the City Council will set priorities to the projects outlined in the program, thus giving direction to staff on how to proceed.

ACTIONS PROPOSED:

Recommend approval of the FY 2018-2022 Capital Improvement Program and direct City Administrator to include in the 2018 draft budget.

COMMITTEE RECOMMENDATION:

	FY 2018-2022 Capital Improvement Program								
CAPITAL EXPENDITURES (FYE)	ACTUAL 2016	BUDGETED 2017	ESTIMATED 2017	PROPOSED 2018	PROPOSED 2019	PROPOSED 2020	PROPOSED 2021	PROPOSED 2022	5 Yr Total
Expenditures									
Personnel, Benefits, and Insurance Costs of Engineer to Oversee Capital Projects	383,806	400,600	373,000	398,000	418,800	440,700	463,800	488,003	2,209,303
STREET IMPROVEMENTS									
Other Contractual Services - Thomas Engineering Group (4225)	830,743	1,020,300	1,046,700	880,700	911,700	943,900	964,900	984,700	4,685,900
Annual Street Program - Engineering, Construction & Material Testing (4807)	959,390	2,909,100	736,300	1,220,700	1,639,900	1,011,200	1,173,900	1,148,600	6,194,300
Alta Vista Rehabilitation Project (4899)									
Powis Road Resurfacing Project (4846)	19,584								
Wood Street Reconstruction Project (4847)	56,749								
OTHER ROW IMPROVEMENTS									
Crack Filling (4868)	38,254	50,000	45,700	50,000	50,000	50,000	50,000	50,000	250,000
Contractual Street Striping (4869)	36,638	40,000	36,000	40,000	40,000	40,000	40,000	40,000	200,000
Sidewalk Removals and Replacements (4863)	66,307	75,000	51,100	100,000	75,000	75,000	75,000	75,000	400,000
Forestry Removals and Trimmings (4870)	80,147	70,000	50,600	70,000	70,000	70,000	70,000	70,000	350,000
Right-Of-Way Maintenance (4871)	77,468	91,100	82,100	91,100	100,300	110,400	121,500	133,700	557,000
Right-Of-Way Sign Material & Barricades (4872)	45,063	35,000	35,000	35,000	35,000	35,000	35,000	35,000	175,000
Tree Replacement Program (4854)	42,362	35,000	31,100	35,000	35,000	35,000	35,000	35,000	175,000
ROW Signage Upgrades & 2009 MUTCD Compliance (4885)									0
EAB Insecticidal Treatment Program (4886)	72,493	80,000	75,200	80,000	80,000	80,000	80,000	80,000	400,000
Wilson Street Bridge Maintenance Program (4892)	1,073,276								0
Curb and Gutter Removals and Replacement (4848)	46,481	60,000	48,600	60,000	60,000	60,000	60,000	60,000	300,000
MUNICIPAL PROPERTIES									
Miscellaneous Major Municipal Building Repairs (4801)	59,378	40,000	10,000	40,000	40,000	40,000	40,000	40,000	200,000
Street Division Parking Lot Reconstruction (4888)	27,660				400,000				400,000
City Hall Landscape & Entrance Sign (4890)		35,000	18,500	35,000					35,000
Land (4809)	15,269	450,000	0	450,000					450,000
City Hall Security Improvements (4895)	2,782	100,000	41,500	200,000					200,000
New Warning Sirens (4849)		20,000	0	20,000	20,000				40,000
Salt Storage Facility (xxxx)				2,000,000					2,000,000
200 Main Street Renovation Project (xxxx)				235,000					235,000
City Hall HVAC Improvements (xxxx)				200,000					200,000
STORMWATER/WETLANDS									
Wilson/Joliet Culvert Construction (4867)	11,708		18,600						
CN Mitigation Projects (4876)	29								
MISCELLANEOUS									
Legal Fees (4100)	4,640		8,000						0
Audit Fees (4101)	3,690	4,000	3,800	3,900	4,000	4,100	4,200	4,300	20,500
Legal Notices (4200)	537	1,000	1,000	1,000	1,000	1,000	1,000	1,000	5,000
Pedestrian Tunnel Improvements (4873)		371,700	10,200	371,700					371,700
City-wide Bench Mark Replacement Program (4894)		100,000	0						0
Demolition of 804 Forest Avenue (4896)	12,900								0
Utility Tax Rebate (4375)	10,994	62,000	60,000	60,000	60,000	60,000	60,000	60,000	300,000
Menards Traffic Signal (4845)				500,000					500,000
PREVIOUS MFT EXPENDITURES									
Traffic Signal Maintenance - Contractual (xxxx)				25,000	25,000	25,000	25,000	25,000	125,000
Street Light Maintenance - Contractual (xxxx)				30,000	30,000	30,000	30,000	30,000	150,000
Street Light Materials (xxxx)				21,000	21,000	21,000	21,000	21,000	105,000
Street Patch Materials (xxxx)				1,000	1,000	1,000	1,000	1,000	5,000
Street Paint (xxxx)				2,000	2,000	2,000	2,000	2,000	10,000
Ice Control Materials (xxxx)				20,000	20,000	20,000	20,000	20,000	100,000
Storm Sewer Repair Materials (xxxx)				25,000	25,000	25,000	25,000	25,000	125,000
Rock Salt (xxxx)				235,900	259,500	285,500	314,100	345,600	1,440,600
Bit Patch - Cold (xxxx)				8,000	8,000	8,000	8,000	8,000	40,000
Bit Patch - Hot (xxxx)				45,000	45,000	45,000	45,000	45,000	225,000
EXPENDITURE TOTAL	\$3,980,349	\$6,049,800	\$2,783,000	\$7,590,000	\$4,477,200	\$3,518,800	\$3,765,400	\$3,827,903	\$23,179,303

5-YEAR RECOMMENDED STREET PROGRAM				DATE: 26/04/17		DRAFT
City of Dallas, Texas Prepared by: Robert E. Fisher & Thomas Engineering Group, LLC						
PRELIMINARY ENGINEERS ESTIMATE - 2018 THROUGH 2022						
YEAR	CONDITION INDEX	AVERAGE 2018 CONDITION INDEX	AVERAGE 2017 CONDITION INDEX	PRELIMINARY COST ESTIMATE (FINAL COST)	ASSOCIATED STREET REHABILITATION COST	CUMULATIVE TOTAL
2014	AREA 1, CORRE PROJECT, FOREST AVENUE, MAGNOLIA AND STORM SEWER REHABILITATION PROJECT	61	64	\$ 419,200.00	\$	
	AREA 2, STORM SEWER REHABILITATION PROJECT	68	N/A	\$ 91,465.40	\$	
	AREA 3, CORRE PROJECT, FOREST AVENUE, MAGNOLIA AND STORM SEWER REHABILITATION PROJECT	61	64	\$ 419,200.00	\$	
2015	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	74	64	\$ 1,220,000.00	\$	
	AREA 2, CORRE PROJECT, WOOD STREET RECONSTRUCTION, NEW BRUNN STREET AND AM STREET	61	64	\$ 559,984.54	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	74	64	\$ 1,220,000.00	\$	
2016	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2017	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2018	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2019	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2020	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2021	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
2022	AREA 1, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 2, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	
	AREA 3, CORRE PROJECT, ALVA AVENUE, MAGNOLIA REHABILITATION PROJECT	69	66	\$ 253,027.11	\$	

5 YEAR RECOMMENDED STREET PROGRAM						
City of Madison, Wisconsin Prepared by: Robert E. Fisher & Thomas Engineering Group, LLC						
PRELIMINARY ENGINEERS ESTIMATE - 2023 STREET PROGRAM AND BEYOND (NO SPECIFIC ORDER OF PRIORITY)						
AREA	LOCATION	2009 CONDITION	2017 CONDITION	ESTIMATE	CUMULATIVE TOTAL	
1	HANCOCK SUBDIVISION	74	71	\$ 600,000.00	\$	600,000.00
2	WINDY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,059,000.00
3	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,200,000.00
4	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,341,000.00
5	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,482,000.00
6	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,623,000.00
7	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,764,000.00
8	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	1,905,000.00
9	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,046,000.00
10	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,187,000.00
11	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,328,000.00
12	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,469,000.00
13	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,610,000.00
14	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,751,000.00
15	SHAWANNA AND BAY AVENUE, BAY AVENUE AND WINDY AVENUE	74	71	\$ 141,000.00	\$	2,892,000.00
TOTAL					\$	2,892,000.00

**UNAVAILABLE TO BE OVERLAP BY THE CITY'S STREET DESIGN (17018, 17019, 17020)



**City of West Chicago
5-YEAR RECOMMENDED STREET PROGRAM**



2018

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County

ROAD DIST: City of West Chicago

SECTION:

Prepared by: Thomas Engineering Group, LLC

DATE: 27-Oct-17

LOCATION: ELM ROAD NORTH OF IL ROUTE 64 W/ POTENTIAL PATCHING/WIDENING/OVERLAY

LENGTH (FT): 1200.00

AVG. WIDTH (FT): 22.00

AREA (SY): 2933.33

FY '16 ESTIMATE: \$107,800.00

FY '17 ESTIMATE: \$111,034.00

FY '18 ESTIMATE: \$114,365.02

FY '18 BUDGET: \$120,000.00



*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.

MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 15.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 30.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

30.00
\$

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY:	DuPage County
ROAD DIST:	City of West Chicago
SECTION:	
Prepared by:	Thomas Engineering Group, LLC
DATE:	26-Oct-17
LOCATION:	STIMMEL, SHERMAN, & BLAIR
LENGTH (FT):	2011.00
AVG. WIDTH (FT):	26.00
AREA (SY):	5809.56
FY '16 ESTIMATE:	\$145,238.89
FY '17 ESTIMATE:	\$149,596.06
FY '18 ESTIMATE:	\$154,083.94
FY '19 ESTIMATE:	\$158,706.46
FY '20 ESTIMATE:	\$163,467.65
FY '21 ESTIMATE:	\$168,371.68

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00

25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
 ROAD DIST: City of West Chicago
 SECTION:
 Prepared by: Thomas Engineering Group, LLC
 DATE: 27-Oct-17

LOCATION: ELIZABETH, GATES, & OAK (BROWN TO AUGUSTA) -AND- LESTER, GLEN, AND DAYTON (BISHOP AND ROUTE 59) -AND- DALE (OAK TO ROUTE 59)

LENGTH (FT): 11462.00
 AVG. WIDTH (FT): 27.00
 AREA (SY): 34386.00

FY '16 ESTIMATE: \$756,492.00

FY '17 ESTIMATE: \$779,186.76

FY '18 ESTIMATE: \$802,562.36

FY '18 BUDGET: \$800,000.00

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 7.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 22.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETScape (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

22.00



**City of West Chicago
5-YEAR RECOMMENDED STREET PROGRAM**



2019

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
ROAD DIST: City of West Chicago
SECTION:
Prepared by: Thomas Engineering Group, LLC
DATE: 26-Oct-17

LOCATION: ALLEN, AVENUE, BARBER STREET, BLAKELY STREET (AUGUSTA TO GLEN), BISHOP STREET (ROOSEVELT ROAD TO BROWN), AND GLEN AVENUE AND HAZEL STREET (JOLIET TO BISHOP)

LENGTH (FT): 9748.00

AVG. WIDTH (FT): 26.00

AREA (SY): 28160.89

FY '16 ESTIMATE: \$704,022.22

FY '17 ESTIMATE: \$725,142.89

FY '18 ESTIMATE: \$746,897.18

FY '19 ESTIMATE: \$769,304.09

FY '20 ESTIMATE: \$792,383.21

FY '21 ESTIMATE: \$816,154.71

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

\$ 25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
 ROAD DIST: City of West Chicago
 SECTION:
 Prepared by: Thomas Engineering Group, LLC
 DATE: 26-Oct-17

LOCATION: **COMMERCE DRIVE RECONSTRUCTION (INDUSTRIAL PARK SOUTH OF IL ROUTE 38)**

LENGTH (FT): 1366.00

AVG. WIDTH (FT): 39.00

AREA (SY): 5919.33

FY '17 ESTIMATE: \$710,320.00

FY '18 ESTIMATE: \$731,629.60

FY '19 ESTIMATE: \$753,578.49

FY '20 ESTIMATE: \$776,185.84

FY '21 ESTIMATE: \$799,471.42

FY '22 ESTIMATE: \$823,455.56

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

Washington Street Pavement Replacement Project (STP)

County:	DuPage County
Jurisdiction:	City of West Chicago
Prepared by:	Thomas Engineering Group, LLC
Date:	1-Sep-17

Narrative Description:

In 2014, as part of the FY 2015 – 2020 Surface Transportation Program (STP) Application Cycle, funding was requested by the City and approved by the DuPage Mayors and Managers Conference (DMMC) in the amount of \$301K (50% of the total estimated construction cost, \$603K) for PCC pavement rehabilitation of Washington Street between the Union Pacific Railroad and Arbor Avenue. Based on worsening pavement conditions between 2014 and 2016, extensions to the project limits, and rising unit prices, the 2016 cost estimate had risen from \$603K to \$714K, making it higher than the original estimate by approximately \$111K, or 18%. Therefore, a cost comparison was made between PCC pavement rehabilitation and hot-mix asphalt (HMA) pavement reconstruction. Based on the findings of this analysis, the estimated present value of HMA pavement reconstruction offers the lowest present and future value, making it the most cost effective strategy. Consequently, the City submitted a cost increase request to DMMC for additional STP dollars for the HMA pavement reconstruction project. The application for the cost increase was approved by the Conference. This project assumes that the City prefers to reconstruct Washington Street from a concrete pavement to HMA, and considers the amount of guaranteed federal funding that is available to the City.

Calculations:

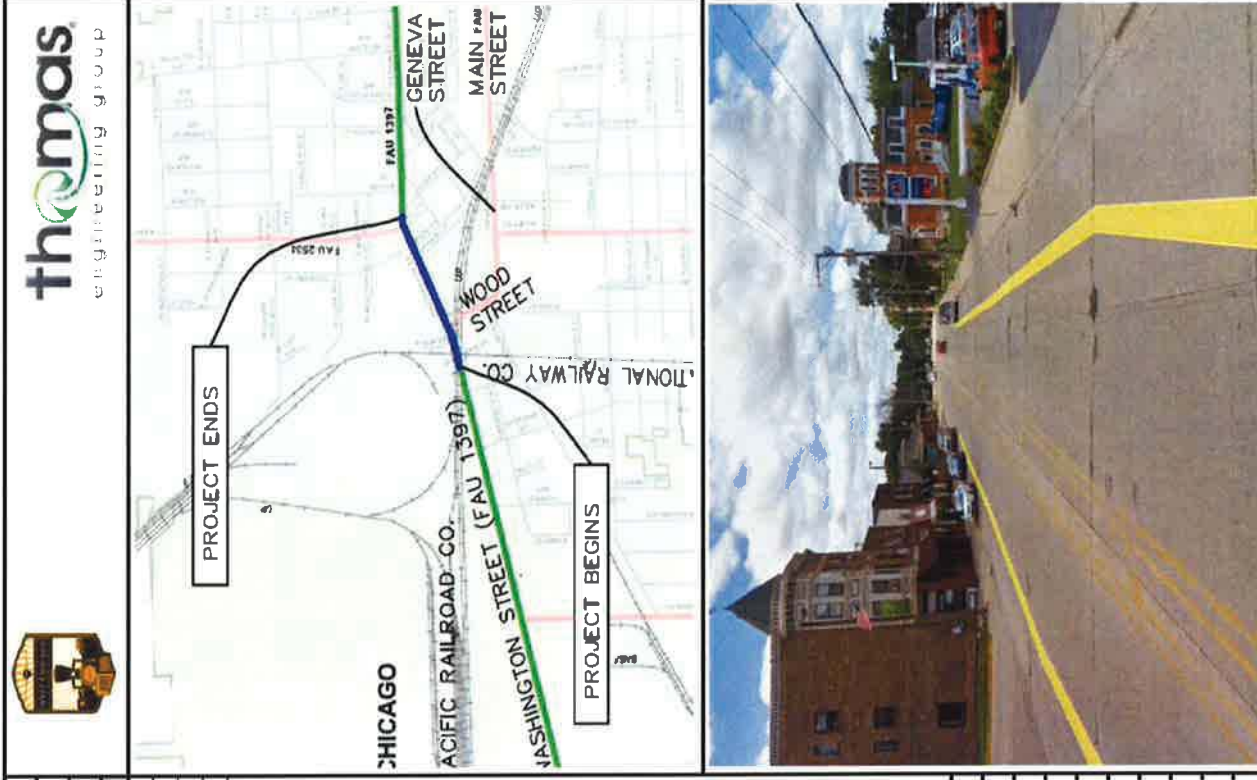
HMA PAVEMENT REPLACEMENT (CONSIDERING GUARANTEED FEDERAL PARTICIPATION)

CONSTRUCTION COST \$815,050.00
 FEDERAL PARTICIPATION (50%) \$407,525.00
 CITY OBLIGATION (50%) \$407,525.00

Note: The City requested a Cost Increase through DMMC during the 2017 Call for STP Projects, requesting additional federal participation for up to 50% of the construction cost. Phase III (E3) Engineering will be locally funded.

FY '19 ESTIMATE:	\$407,525.00
FY '20 ESTIMATE:	\$415,675.50
FY '21 ESTIMATE:	\$423,989.01
FY '22 ESTIMATE:	\$432,468.79
FY '23 ESTIMATE:	\$441,118.17
FY '24 ESTIMATE:	\$449,940.53
FY '25 ESTIMATE:	\$458,939.34
FY '26 ESTIMATE:	\$468,118.13
FY '27 ESTIMATE:	\$477,480.49

*Two percent (2%) inflation compounded annually is applied to construction costs in program out years.



PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
ROAD DIST: City of West Chicago
SECTION:
Prepared by: Thomas Engineering Group, LLC
DATE: 26-Oct-17
LOCATION: **GROVE STREET ROADWAY REHABILITATION (EAST OF IL 59)**
LENGTH (FT): 1275.00
AVG. WIDTH (FT): 24.00
AREA (SY): 3400.00



FY '17 ESTIMATE: **\$124,950.00**
FY '18 ESTIMATE: **\$128,698.50**
FY '19 ESTIMATE: **\$132,559.46**
FY '20 ESTIMATE: **\$136,536.24**

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.

MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 15.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 30.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

30.00
30.00
30.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
ROAD DIST: City of West Chicago
SECTION:
Prepared by: Thomas Engineering Group, LLC
DATE: 27-Oct-15

HAHN PLACE ROADWAY REHABILITATION AND GUARDRAIL INSTALLATION

LOCATION:
LENGTH (FT): 1350.00
AVG. WIDTH (FT): 28.00
AREA (SY): 4200.00
GUARDRAIL LENGTH: 650.00
GUARDRAIL COST/FOOT: 20.00
END TERMINALS: \$5,000.00

FY '17 ESTIMATE: \$128,000.00
FY '18 ESTIMATE: \$131,840.00
FY '19 ESTIMATE: \$135,795.20
FY '20 ESTIMATE: \$139,869.06
FY '21 ESTIMATE: \$144,065.13

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY:	DuPage County
ROAD DIST:	City of West Chicago
SECTION:	
Prepared by:	Thomas Engineering Group, LLC
DATE:	24-Oct-17
LOCATION:	STOCKBERRY LANE (CORNERSTONE SUBDIVISION)
LENGTH (FT):	1600.00
AVG. WIDTH (FT):	27.00
AREA (SY):	4800.00
FY '17 ESTIMATE:	\$120,000.00
FY '18 ESTIMATE:	\$123,600.00
FY '19 ESTIMATE:	\$127,308.00
FY '20 ESTIMATE:	\$131,127.24
FY '21 ESTIMATE:	\$135,061.06
FY '22 ESTIMATE:	\$139,112.89

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00



**City of West Chicago
5-YEAR RECOMMENDED STREET PROGRAM**



2020

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
ROAD DIST: City of West Chicago
SECTION:
Prepared by: Thomas Engineering Group, LLC
DATE: 24-Oct-17
LOCATION: AMBER, HILL, HAHNDORF, INGALTON, AND LILLIAN
LENGTH (FT): 3975.00
AVG. WIDTH (FT): 27.00
AREA (SY): 11925.00

FY '17 ESTIMATE: \$417,375.00
FY '18 ESTIMATE: \$429,896.25
FY '19 ESTIMATE: \$442,793.14
FY '20 ESTIMATE: \$456,076.93
FY '21 ESTIMATE: \$469,759.24
FY '22 ESTIMATE: \$483,852.02

* Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00

25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County

ROAD DIST: City of West Chicago

SECTION:

Prepared by: Thomas Engineering Group, LLC

DATE: 26-Oct-17

LOCATION: GARDEN, MCCONNELL, YORK, AND VIRGIE PL (OAKWOOD AVENUE TO INGALTON AVENUE)

LENGTH (FT): 5498.00

AVG. WIDTH (FT): 24.00

AREA (SY): 14661.33

FY '17 ESTIMATE: \$513,146.67

FY '18 ESTIMATE: \$528,541.07

FY '19 ESTIMATE: \$544,397.30

FY '20 ESTIMATE: \$560,729.22

FY '21 ESTIMATE: \$577,551.09

FY '22 ESTIMATE: \$594,877.63

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.



MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION, 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00

PRELIMINARY ENGINEERS ESTIMATE OF COST

COUNTY: DuPage County
ROAD DIST: City of West Chicago
SECTION:
Prepared by: Thomas Engineering Group, LLC
DATE: 24-Oct-17
LOCATION: **GRAND LAKE BOULEVARD AND ELLIOT AVENUE (INDUSTRIAL)**
LENGTH (FT): 1673.00
AVG. WIDTH (FT): 29.00
AREA (SY): 5390.78



FY '17 ESTIMATE: \$134,769.44
FY '18 ESTIMATE: \$138,812.53
FY '19 ESTIMATE: \$142,976.90
FY '20 ESTIMATE: \$147,266.21
FY '21 ESTIMATE: \$151,684.20
FY '22 ESTIMATE: \$156,234.72

*Three percent (3%) inflation compounded annually is applied to construction costs in program out years.

MAINTENANCE STRATEGIES - Recommended Strategy in Yellow

STRATEGY	DESCRIPTION	UNIT	UNIT COST
PP1	CRACK SEALING	SQ YD	\$ 0.85
PP2	MICRO-SURFACING	SQ YD	\$ 4.50
PP3	HMA PAVEMENT HOT IN-PLACE RECYCLING (RE-HEAT) INCLUDING MOBILIZATION	SQ YD	\$ 10.25
SUB 1	HMA PAVEMENT MILLING, 2"	SQ YD	\$ 3.00
SUB 1	HMA PAVEMENT RESURFACING, 0.75" LEVELING BINDER	SQ YD	\$ 3.50
SUB 1	AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A	SQ YD	\$ 1.50
SUB 1	HMA PAVEMENT RESURFACING, 1.5" SURFACE COURSE	SQ YD	\$ 7.00
SUB 1	MISCELLANEOUS / THERMOPLASTIC / INTERMITTENT PCC / UTILITY ADJUSTMENTS / D PATCHES / TRAFFIC CONTROL	SQ YD	\$ 10.00
1	HMA PAVEMENT RESURFACING (1.5" SC/0.75" LEVELING BINDER)	SQ YD	\$ 25.00
2	HMA PAVEMENT REHABILITATION (1.5" SC/2.25" STRUCTURAL BC)	SQ YD	\$ 35.00
3	PCC PAVEMENT REHABILITATION (PCC SURFACE REMOVAL/HMA OVERLAY)	SQ YD	\$ 50.00
4	PAVEMENT RECONSTRUCTION, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 100.00
5	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 120.00
6	PCC PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (EXCLUDING SEWER-WATER)	SQ YD	\$ 140.00
7	PAVEMENT RECONSTRUCTION W/CURB, FULL-DEPTH HMA (INCLUDING STORM / EXCLUDING SEWER-WATER)	SQ YD	\$ 160.00
8	PAVEMENT RECONSTRUCTION, PERMEABLE PAVERS (EXCLUDING SEWER-WATER)	SQ YD	\$ 180.00
9	PAVEMENT RECONSTRUCTION W/ CURB (INCLUDING SEWER-WATER)	SQ YD	\$ 250.00
10	PAVEMENT RECONSTRUCTION, COMPLETE STREETSCAPE (INCLUDING SEWER-WATER)	SQ YD	\$ 300.00
N/A	SUBGRADE STABILIZATION: 12" UNDERCUT (100% AREA)	SQ YD	\$ 25.00
N/A	PCC PATCHING/CLASS D (20% TOTAL AREA)	SQ YD	\$ 65.00

25.00