



**CITY OF GROSSE POINTE WOODS**  
**20025 Mack Plaza Drive**  
**Grosse Pointe Woods, Michigan 48236-2397**

(313) 343-2440  
Fax (313) 343-2785

**NOTICE OF MEETING**  
**AND**  
**AGENDA**

**COMMITTEE-OF-THE-WHOLE**

Mayor Robert E. Novitke has called a meeting of the City Council, meeting as a Committee-of-the-Whole, for **Monday, February 23, 2015, at 7:00 p.m.** The meeting will be held in the Conference Room of the Municipal Building, 20025 Mack Plaza, Grosse Pointe Woods, MI 48236 and is accessible through the Municipal Court doors. In accordance with Public Act 267, the meeting is open to the public and the agenda items are as follows:

1. Call to Order
2. Roll Call
3. Acceptance of Agenda
4. 2015-16 Road Program
  - A. Memo 02/17/15 – City Engineer
  - B. Tabulation of Bids 02/10/15  
Pavement Inventory February 2014
    1. Section D – Immediate
    2. Section D – 1-3 Year Program
    3. Section D – 4-8 Year Program
    4. Section D – 9-20 Year Program
    5. Section D – 21-40 Year Program
  - C. Pavement Replacement Map – Page D13 08/28/13
  - D. 2015-18 Suggested Road Program
    1. Program Map – Page 1
5. New Business/Public Comment
6. Adjournment

Alfred Fincham  
City Administrator

**IN ACCORDANCE WITH PUBLIC ACT 267 (OPEN MEETINGS ACT)**  
**POSTED AND COPIES GIVEN TO NEWSPAPERS**

The City of Grosse Pointe Woods will provide necessary, reasonable auxiliary aids and services, such as signers for the hearing impaired, or audio tapes of printed materials being considered at the meeting to individuals with disabilities. All such requests must be made at least five days prior to a meeting. Individuals with disabilities requiring auxiliary aids or services should contact the City of Grosse Pointe Woods by writing or call the City Clerk's office, 20025 Mack Plaza, Grosse Pointe Woods, MI 48236 (313) 343-2440, Telecommunications Device for the Deaf (TDD) 313 343-9249, or e-mail the City Clerk at cityclk@gpwmi.us.

cc:  
Council – 7  
Berschback  
Fincham  
Hathaway

Rec. Secretary  
Email Group  
Media - Email  
Post -8

File  
Ahee  
Lockwood



RECEIVED

FEB 17 2015

CITY OF GROSSE PTE. WOODS

## MEMORANDUM

**TO:** Alfred Fincham, City Administrator  
**FROM:** Scott Lockwood  
**DATE:** February 17, 2015  
**SUBJECT:** 2015-2016 Road Program

As you are aware we had taken bids for the 2015-2016 Road Program on February 10, 2015. A copy of the bid tabulation is attached. The low bidder was Florence Cement with a total bid amount of \$5,533,575.75. If awarded, the total project cost including construction, engineering, contingencies and bonding is estimated at \$6,600,000. This is significantly higher (approx. 20%) than the estimated costs of \$5,486,950 for years 2015-2016 we had discussed previously (see 2015-2018 Suggested Road Program). As you may recall in our discussions as of late last summer, there has been a significant increase in cost of road construction. Road construction bids are up anywhere from 20% to 45% compared to last year.

This contract is a unit price bid so there is flexibility with regard to how much of this contract the City prefers to complete. We have met with Florence Cement and they understand the City may opt to reduce the scope of the contract and it will have no effect on the unit prices bid. There are several other considerations with regard to the entire Road Program which we will discuss further.

M:\0160\0160-0370\Corr\Bid memo.docx



## TABULATION OF BIDS

City of Grosse Pointe Woods  
2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DATE: 2/10/2015  
TIME: 1:00 PM

Prepared by: Anderson, Eckstein and Westrick, Inc.  
51301 Schoenherr Road  
Shelby Township, MI 48315

### VENDOR RANKING

<i>RANK</i>	<i>VENDOR NAME</i>	<i>TOTAL BID</i>	<i>TOTAL BID WITH CREW</i>
			<i>DAYS</i>
1	Florence Cement	\$ 5,533,575.75	\$ 5,757,575.75
2	Angelo Lafrate Construction Company	\$ 6,217,158.90	\$ 6,418,758.90
3	DiLisio Contracting	\$ 6,488,827.35	\$ 6,656,827.35
4	Fiore Enterprises, LLC	\$ 6,687,435.80	\$ 6,877,835.80



# TABULATION OF BIDS

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

Florence Cement  
12535 23 Mile Road  
Shelby Twp, MI 48315

Angelo Lafrate Construction  
Company  
26300 Sherwood Ave  
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
1.	Mobilization, Max. ____5%	1	LS	287,380.85	\$ 287,380.85	300,000.00	\$ 300,000.00
2.	Tree, Rem, 19 inch to 36 inch	3	Ea	875.00	\$ 2,625.00	875.00	\$ 2,625.00
3.	Tree, Rem, 37 inch or Larger	3	Ea	1,900.00	\$ 5,700.00	1,900.00	\$ 5,700.00
4.	Tree, Rem, 6 inch to 18 inch	3	Ea	225.00	\$ 675.00	225.00	\$ 675.00
5.	Dr Structure, Rem	24	Ea	250.00	\$ 6,000.00	370.00	\$ 8,880.00
6.	Sewer, Rem, Less than 24 inch	273	Ft	13.50	\$ 3,685.50	14.20	\$ 3,876.60
7.	Sewer, Rem, 24 inch to 48 inch	10	Ft	37.00	\$ 370.00	34.00	\$ 340.00
8.	Curb and Gutter, Rem	275	Ft	20.00	\$ 5,500.00	8.85	\$ 2,433.75
9.	Curb, Rem	2340	Ft	9.00	\$ 21,060.00	6.00	\$ 14,040.00
10.	Pavt, Rem	67255	Syd	4.65	\$ 312,735.75	7.70	\$ 517,863.50
11.	Sidewalk, Rem	1600	Syd	9.75	\$ 15,600.00	0.90	\$ 1,440.00
12.	Exploratory Investigation, Vertical	16	Ft	200.00	\$ 3,200.00	178.00	\$ 2,848.00
13.	Excavation, Earth	29	Cyd	100.00	\$ 2,900.00	30.00	\$ 870.00
14.	_ Station Grading	200.1	Sta	2,270.00	\$ 454,227.00	3,000.00	\$ 600,300.00
15.	_ Subgrade Undercutting, Modified	3650	Cyd	40.50	\$ 147,825.00	24.00	\$ 87,600.00
16.	_ Subgrade Undercutting, Special	730	Cyd	35.00	\$ 25,550.00	37.50	\$ 27,375.00
17.	_ Erosion Control, Inlet Protection, Drop-In F	140	Ea	100.00	\$ 14,000.00	122.00	\$ 17,080.00
18.	Aggregate Base, 6 inch	72095	Syd	5.40	\$ 389,313.00	5.95	\$ 428,965.25
19.	_ Geosynthetic Paving Fabric	3240	Syd	5.35	\$ 17,334.00	5.68	\$ 18,403.20
20.	Sewer, Cl IV, 12 inch, Tr Det B	273	Ft	61.00	\$ 16,653.00	59.00	\$ 16,107.00
21.	Sewer, Cl IV, 24 inch, Tr Det B	10	Ft	117.00	\$ 1,170.00	100.00	\$ 1,000.00
22.	Dr Structure Cover, Adj, Case 1	112	Ea	250.00	\$ 28,000.00	455.00	\$ 50,960.00



# TABULATION OF BIDS

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

Florence Cement  
12535 23 Mile Road  
Shelby Twp, MI 48315

Angelo Lafrate Construction  
Company  
26300 Sherwood Ave  
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
23.	Dr Structure Cover, Adj, Case 2	4	Ea	250.00	\$ 1,000.00	405.00	\$ 1,620.00
24.	Dr Structure, 24 inch dia	7	Ea	1,050.00	\$ 7,350.00	1,070.00	\$ 7,490.00
25.	Dr Structure, 48 inch dia	5	Ea	1,300.00	\$ 6,500.00	1,445.00	\$ 7,225.00
26.	Dr Structure, 72 inch dia	1	Ea	1,600.00	\$ 1,600.00	2,950.00	\$ 2,950.00
27.	Dr Structure, Adj, Add Depth	62	Ft	275.00	\$ 17,050.00	155.00	\$ 9,610.00
28.	Dr Structure, Tap, 4 inch	182	Ea	50.00	\$ 9,100.00	220.00	\$ 40,040.00
29.	Dr Structure, Tap, 8 inch	5	Ea	100.00	\$ 500.00	275.00	\$ 1,375.00
30.	Dr Structure, Tap, 12 inch	1	Ea	200.00	\$ 200.00	290.00	\$ 290.00
31.	_ Dr Structure Cover, Catch Basin	118	Ea	425.00	\$ 50,150.00	450.00	\$ 53,100.00
32.	_ Dr Structure Cover, Combined Manhole	18	Ea	425.00	\$ 7,650.00	430.00	\$ 7,740.00
33.	_ Dr Structure Cover, Storm Manhole	3	Ea	450.00	\$ 1,350.00	430.00	\$ 1,290.00
34.	_ Dr Structure Trap, 4 inch	3	Ea	325.00	\$ 975.00	310.00	\$ 930.00
35.	_ Dr Structure Trap, 6 inch	1	Ea	600.00	\$ 600.00	330.00	\$ 330.00
36.	_ Dr Structure Trap, 8 inch	7	Ea	600.00	\$ 4,200.00	380.00	\$ 2,660.00
37.	_ Dr Structure, 36 inch dia	11	Ea	1,300.00	\$ 14,300.00	1,650.00	\$ 18,150.00
38.	_ External Structure Wrap, 18 inch	22	Ea	475.00	\$ 10,450.00	250.00	\$ 5,500.00
39.	Underdrain, Subgrade, 4 inch	39450	Ft	5.00	\$ 197,250.00	8.00	\$ 315,600.00
40.	Pavt, Cleaning	1	LS	10,000.00	\$ 10,000.00	15,000.00	\$ 15,000.00
41.	Cold Milling HMA Surface	2350	Syd	2.35	\$ 5,522.50	3.19	\$ 7,496.50
42.	HMA Surface, Rem	50680	Syd	2.20	\$ 111,496.00	3.15	\$ 159,642.00
43.	Joint and Crack, Cleanout	3775	Ft	0.50	\$ 1,887.50	2.00	\$ 7,550.00
44.	Pavt Joint and Crack Repr, Det 7	750	Ft	9.30	\$ 6,975.00	5.00	\$ 3,750.00



# TABULATION OF BIDS

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

Florence Cement  
12535 23 Mile Road  
Shelby Twp, MI 48315

Angelo Lafrate Construction  
Company  
26300 Sherwood Ave  
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
45.	Hand Patching	38	Ton	145.00	\$ 5,510.00	130.00	\$ 4,940.00
46.	HMA, 13A	270	Ton	100.00	\$ 27,000.00	77.00	\$ 20,790.00
47.	HMA, 36A	270	Ton	104.00	\$ 28,080.00	79.00	\$ 21,330.00
48.	HMA Approach	6	Ton	340.00	\$ 2,040.00	250.00	\$ 1,500.00
49.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	59290	Syd	36.15	\$ 2,143,333.50	39.00	\$ 2,312,310.00
50.	Joint, Expansion, E2	1309	Ft	16.35	\$ 21,402.15	15.00	\$ 19,635.00
51.	Joint, Plane-of-Weakness, W	55325	Ft	1.80	\$ 99,585.00	1.50	\$ 82,987.50
52.	Cold Milling Conc Pavt	1155	Syd	4.70	\$ 5,428.50	4.20	\$ 4,851.00
53.	Joint, Contraction, Crg	50	Ft	14.25	\$ 712.50	20.00	\$ 1,000.00
54.	Joint, Expansion, Erg	817	Ft	16.15	\$ 13,194.55	17.75	\$ 14,501.75
55.	Lane Tie, Epoxy Anchored	525	Ea	7.80	\$ 4,095.00	9.00	\$ 4,725.00
56.	Pavt Repr, Nonreinf Conc, 8 inch	350	Syd	49.55	\$ 17,342.50	80.00	\$ 28,000.00
57.	Driveway, Nonreinf Conc, 6 inch	8750	Syd	38.50	\$ 336,875.00	39.00	\$ 341,250.00
58.	Driveway, Nonreinf Conc, 8 inch	427	Syd	47.65	\$ 20,346.55	47.00	\$ 20,069.00
59.	Curb and Gutter, Conc, Det F1	275	Ft	28.50	\$ 7,837.50	21.00	\$ 5,775.00
60.	Detectable Warning Surface	626	Ft	60.00	\$ 37,560.00	38.00	\$ 23,788.00
61.	Sidewalk Ramp, Conc, 4 inch	8414	Sft	5.85	\$ 49,221.90	5.25	\$ 44,173.50
62.	Sidewalk, Clay Brick Pavers, Rem	315	Sft	5.40	\$ 1,701.00	16.00	\$ 5,040.00
63.	— Sidewalk Ramp, Conc, 8 inch	7205	Sft	7.40	\$ 53,317.00	6.80	\$ 48,994.00
64.	— Sidewalk, Clay Brick Pavers, Salv	315	Sft	11.00	\$ 3,465.00	20.00	\$ 6,300.00
65.	Barricade, Type III, High Intensity, Furn	117	Ea	149.95	\$ 17,544.15	150.00	\$ 17,550.00



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City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

Florence Cement  
12535 23 Mile Road  
Shelby Twp, MI 48315

Angelo Lafrate Construction  
Company  
26300 Sherwood Ave  
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
66.	Barricade, Type III, High Intensity, Oper	117	Ea	0.01 \$	1.17	0.01 \$	1.17
67.	Channelizing Device, 42 inch, Furn	785	Ea	19.95 \$	15,660.75	20.00 \$	15,700.00
68.	Channelizing Device, 42 inch, Oper	785	Ea	0.01 \$	7.85	0.01 \$	7.85
69.	Minor Traf Devices	1	LS	20,000.00 \$	20,000.00	17,360.00 \$	17,360.00
70.	Plastic Drum, High Intensity, Furn	200	Ea	29.95 \$	5,990.00	30.00 \$	6,000.00
71.	Plastic Drum, High Intensity, Oper	200	Ea	0.01 \$	2.00	0.01 \$	2.00
72.	Sign, Type A, Temp, Prismatic, Furn	800	Sft	5.95 \$	4,760.00	5.95 \$	4,760.00
73.	Sign, Type A, Temp, Prismatic, Oper	800	Sft	0.01 \$	8.00	0.01 \$	8.00
74.	Sign, Type B, Temp, Prismatic, Furn	3365	Sft	5.95 \$	20,021.75	5.95 \$	20,021.75
75.	Sign, Type B, Temp, Prismatic, Oper	3365	Sft	0.01 \$	33.65	0.01 \$	33.65
76.	Sign, Type B, Temp, Prismatic, Special, Furn	258	Sft	7.95 \$	2,051.10	7.95 \$	2,051.10
77.	Sign, Type B, Temp, Prismatic, Special, Oper	258	Sft	0.01 \$	2.58	0.01 \$	2.58
78.	Traffic Regulator Control	1	LS	20,000.00 \$	20,000.00	17,850.00 \$	17,850.00
79.	Sodding	23480	Syd	3.00 \$	70,440.00	4.20 \$	98,616.00
80.	Topsoil Surface, Furn, 3 inch	23480	Syd	5.50 \$	129,140.00	2.10 \$	49,308.00
81.	Water, Sodding/Seeding	1250	Unit	35.00 \$	43,750.00	34.00 \$	42,500.00
82.	Slope Restoration, Type A	3075	Syd	5.80 \$	17,835.00	3.55 \$	10,916.25
83.	_ Irrigation Pipe, Furn and Install	19500	Ft	0.90 \$	17,550.00	3.00 \$	58,500.00
84.	_ Gate Well Cover	10	Ea	425.00 \$	4,250.00	435.00 \$	4,350.00
85.	_ Gate Well Cover, Adj, Add Depth	8	Ea	275.00 \$	2,200.00	255.00 \$	2,040.00
86.	_ Gate Well Cover, Adj, Case 1	10	Ea	255.00 \$	2,550.00	515.00 \$	5,150.00
87.	_ Sprinkler Head	975	Ea	30.00 \$	29,250.00	50.00 \$	48,750.00



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Florence Cement  
12535 23 Mile Road  
Shelby Twp, MI 48315

Angelo Lafrate Construction  
Company  
26300 Sherwood Ave  
Warren, MI 48091

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
88.	Audio Visual Record of Construction Area	1	LS	4,870.00	\$ 4,870.00	5,000.00	\$ 5,000.00
<b>TOTAL AMOUNT BID</b>				<b>\$</b>	<b>5,533,575.75</b>	<b>\$</b>	<b>6,217,158.90</b>
* CORRECTED BY ENGINEER							
	Crew Days	560.00	\$/Day	400.00	224,000.00	360.00	201,600.00
<b>TOTAL AMOUNT BID WITH CREW DAYS</b>				<b>\$</b>	<b>5,757,575.75</b>	<b>\$</b>	<b>6,418,758.90</b>



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City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DiLisio Contracting  
23525 Lakepointe Drive  
Clinton Twp, MI 48036

Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, MI 48216

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
1.	Mobilization, Max. ____5%	1	LS	24,100.00	\$ 24,100.00	310,000.00	\$ 310,000.00
2.	Tree, Rem, 19 inch to 36 inch	3	Ea	2,000.00	\$ 6,000.00	900.00	\$ 2,700.00
3.	Tree, Rem, 37 inch or Larger	3	Ea	2,500.00	\$ 7,500.00	2,000.00	\$ 6,000.00
4.	Tree, Rem, 6 inch to 18 inch	3	Ea	1,000.00	\$ 3,000.00	250.00	\$ 750.00
5.	Dr Structure, Rem	24	Ea	500.00	\$ 12,000.00	400.00	\$ 9,600.00
6.	Sewer, Rem, Less than 24 inch	273	Ft	20.00	\$ 5,460.00	12.50	\$ 3,412.50
7.	Sewer, Rem, 24 inch to 48 inch	10	Ft	30.00	\$ 300.00	22.00	\$ 220.00
8.	Curb and Gutter, Rem	275	Ft	15.00	\$ 4,125.00	10.25	\$ 2,818.75
9.	Curb, Rem	2340	Ft	15.00	\$ 35,100.00	4.75	\$ 11,115.00
10.	Pavt, Rem	67255	Syd	7.40	\$ 497,687.00	8.00	\$ 538,040.00
11.	Sidewalk, Rem	1600	Syd	5.00	\$ 8,000.00	4.75	\$ 7,600.00
12.	Exploratory Investigation, Vertical	16	Ft	300.00	\$ 4,800.00	40.00	\$ 640.00
13.	Excavation, Earth	29	Cyd	50.00	\$ 1,450.00	20.00	\$ 580.00
14.	_ Station Grading	200.1	Sta	4,400.00	\$ 880,440.00	1,350.00	\$ 270,135.00
15.	_ Subgrade Undercutting, Modified	3650	Cyd	40.00	\$ 146,000.00	35.80	\$ 130,670.00
16.	_ Subgrade Undercutting, Special	730	Cyd	45.00	\$ 32,850.00	36.20	\$ 26,426.00
17.	_ Erosion Control, Inlet Protection, Drop-In F	140	Ea	75.00	\$ 10,500.00	150.00	\$ 21,000.00
18.	Aggregate Base, 6 inch	72095	Syd	6.20	\$ 446,989.00	5.75	\$ 414,546.25
19.	_ Geosynthetic Paving Fabric	3240	Syd	6.00	\$ 19,440.00	6.20	\$ 20,088.00
20.	Sewer, Cl IV, 12 inch, Tr Det B	273	Ft	100.00	\$ 27,300.00	61.00	\$ 16,653.00
21.	Sewer, Cl IV, 24 inch, Tr Det B	10	Ft	125.00	\$ 1,250.00	106.50	\$ 1,065.00
22.	Dr Structure Cover, Adj, Case 1	112	Ea	250.00	\$ 28,000.00	510.00	\$ 57,120.00



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City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DiLisio Contracting  
23525 Lakepointe Drive  
Clinton Twp, MI 48036

Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, MI 48216

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
23.	Dr Structure Cover, Adj, Case 2	4	Ea	250.00	\$ 1,000.00	350.00	\$ 1,400.00
24.	Dr Structure, 24-inch dia	7	Ea	1,800.00	\$ 12,600.00	1,350.00	\$ 9,450.00
25.	Dr Structure, 48 inch dia	5	Ea	2,500.00	\$ 12,500.00	2,375.00	\$ 11,875.00
26.	Dr Structure, 72 inch dia	1	Ea	4,500.00	\$ 4,500.00	4,160.00	\$ 4,160.00
27.	Dr Structure, Adj, Add Depth	62	Ft	150.00	\$ 9,300.00	250.00	\$ 15,500.00
28.	Dr Structure, Tap, 4 inch	182	Ea	200.00	\$ 36,400.00	125.00	\$ 22,750.00
29.	Dr Structure, Tap, 8 inch	5	Ea	200.00	\$ 1,000.00	175.00	\$ 875.00
30.	Dr Structure, Tap, 12 inch	1	Ea	200.00	\$ 200.00	250.00	\$ 250.00
31.	_ Dr Structure Cover, Catch Basin	118	Ea	500.00	\$ 59,000.00	510.00	\$ 60,180.00
32.	_ Dr Structure Cover, Combined Manhole	18	Ea	500.00	\$ 9,000.00	550.00	\$ 9,900.00
33.	_ Dr Structure Cover, Storm Manhole	3	Ea	500.00	\$ 1,500.00	610.00	\$ 1,830.00
34.	_ Dr Structure Trap, 4 inch	3	Ea	400.00	\$ 1,200.00	520.00	\$ 1,560.00
35.	_ Dr Structure Trap, 6 inch	1	Ea	400.00	\$ 400.00	535.00	\$ 535.00
36.	_ Dr Structure Trap, 8 inch	7	Ea	500.00	\$ 3,500.00	630.00	\$ 4,410.00
37.	_ Dr Structure, 36 inch dia	11	Ea	3,000.00	\$ 33,000.00	1,550.00	\$ 17,050.00
38.	_ External Structure Wrap, 18 inch	22	Ea	400.00	\$ 8,800.00	675.00	\$ 14,850.00
39.	Underdrain, Subgrade, 4 inch	39450	Ft	8.00	\$ 315,600.00	8.10	\$ 319,545.00
40.	Pavt, Cleaning	1	LS	3,500.00	\$ 3,500.00	2,550.00	\$ 2,550.00
41.	Cold Milling HMA Surface	2350	Syd	0.69	\$ 1,621.50	5.75	\$ 13,512.50
42.	HMA Surface, Rem	50680	Syd	0.69	\$ 34,969.20	5.75	\$ 291,410.00
43.	Joint and Crack, Cleanout	3775	Ft	3.50	\$ 13,212.50	2.25	\$ 8,493.75
44.	Pavt Joint and Crack Repr, Det 7	750	Ft	5.00	\$ 3,750.00	7.00	\$ 5,250.00



# TABULATION OF BIDS

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DiLisio Contracting  
23525 Lakepointe Drive  
Clinton Twp, MI 48036

Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, MI 48216

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
45.	Hand Patching	38	Ton	145.00	\$ 5,510.00	136.50	\$ 5,187.00
46.	HMA, 13A	270	Ton	86.50	\$ 23,355.00	81.00	\$ 21,870.00
47.	HMA, 36A	270	Ton	93.00	\$ 25,110.00	83.00	\$ 22,410.00
48.	HMA Approach	6	Ton	250.00	\$ 1,500.00	270.00	\$ 1,620.00
49.	Conc Pavt with Integral Curb, Nonreinf, 8 inch	59290	Syd	47.00	\$ 2,786,630.00	48.00	\$ 2,845,920.00
50.	Joint, Expansion, E2	1309	Ft	13.00	\$ 17,017.00	19.45	\$ 25,460.05
51.	Joint, Plane-of-Weakness, W	55325	Ft	1.00	\$ 55,325.00	2.25	\$ 124,481.25
52.	Cold Milling Conc Pavt	1155	Syd	3.00	\$ 3,465.00	8.20	\$ 9,471.00
53.	Joint, Contraction, Crg	50	Ft	8.00	\$ 400.00	12.90	\$ 645.00
54.	Joint, Expansion, Erg	817	Ft	9.00	\$ 7,353.00	16.20	\$ 13,235.40
55.	Lane Tie, Epoxy Anchored	525	Ea	7.00	\$ 3,675.00	6.50	\$ 3,412.50
56.	Pavt Repr, Nonreinf Conc, 8 inch	350	Syd	60.00	\$ 21,000.00	52.95	\$ 18,532.50
57.	Driveway, Nonreinf Conc, 6 inch	8750	Syd	32.85	\$ 287,437.50	32.65	\$ 285,687.50
58.	Driveway, Nonreinf Conc, 8 inch	427	Syd	37.80	\$ 16,140.60	39.80	\$ 16,994.60
59.	Curb and Gutter, Conc, Det F1	275	Ft	20.00	\$ 5,500.00	26.35	\$ 7,246.25
60.	Detectable Warning Surface	626	Ft	40.00	\$ 25,040.00	60.90	\$ 38,123.40
61.	Sidewalk Ramp, Conc, 4 inch	8414	Sft	3.20	\$ 26,924.80	4.85	\$ 40,807.90
62.	Sidewalk, Clay Brick Pavers, Rem	315	Sft	5.00	\$ 1,575.00	2.80	\$ 882.00
63.	_ Sidewalk Ramp, Conc, 8 inch	7205	Sft	5.00	\$ 36,025.00	5.70	\$ 41,068.50
64.	_ Sidewalk, Clay Brick Pavers, Salv	315	Sft	8.00	\$ 2,520.00	27.50	\$ 8,662.50
65.	Barricade, Type III, High Intensity, Furn	117	Ea	130.00	\$ 15,210.00	152.20	\$ 17,807.40



# TABULATION OF BIDS

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DiLisio Contracting  
23525 Lakepointe Drive  
Clinton Twp, MI 48036

Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, MI 48216

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
66.	Barricade, Type III, High Intensity, Oper	117	Ea	0.01 \$	1.17	0.01 \$	1.17
67.	Channelizing Device, 42 inch, Furn	785	Ea	26.00 \$	20,410.00	20.25 \$	15,896.25
68.	Channelizing Device, 42 inch, Oper	785	Ea	0.01 \$	7.85	0.01 \$	7.85
69.	Minor Traf Devices	1	LS	20,000.00 \$	20,000.00	40,000.00 \$	40,000.00
70.	Plastic Drum, High Intensity, Furn	200	Ea	30.00 \$	6,000.00	30.40 \$	6,080.00
71.	Plastic Drum, High Intensity, Oper	200	Ea	0.01 \$	2.00	0.01 \$	2.00
72.	Sign, Type A, Temp, Prismatic, Furn	800	Sft	8.00 \$	6,400.00	6.05 \$	4,840.00
73.	Sign, Type A, Temp, Prismatic, Oper	800	Sft	0.01 \$	8.00	0.01 \$	8.00
74.	Sign, Type B, Temp, Prismatic, Furn	3365	Sft	7.50 \$	25,237.50	6.05 \$	20,358.25
75.	Sign, Type B, Temp, Prismatic, Oper	3365	Sft	0.01 \$	33.65	0.01 \$	33.65
76.	Sign, Type B, Temp, Prismatic, Special, Furn	258	Sft	10.00 \$	2,580.00	8.10 \$	2,089.80
77.	Sign, Type B, Temp, Prismatic, Special, Oper	258	Sft	0.01 \$	2.58	0.01 \$	2.58
78.	Traffic Regulator Control	1	LS	20,000.00 \$	20,000.00	20,300.00 \$	20,300.00
79.	Sodding	23480	Syd	3.00 \$	70,440.00	4.25 \$	99,790.00
80.	Topsoil Surface, Furn, 3 inch	23480	Syd	3.00 \$	70,440.00	2.15 \$	50,482.00
81.	Water, Sodding/Seeding	1250	Unit	35.00 \$	43,750.00	34.50 \$	43,125.00
82.	Slope Restoration, Type A	3075	Syd	2.50 \$	7,687.50	3.65 \$	11,223.75
83.	_ Irrigation Pipe, Furn and Install	19500	Ft	0.90 \$	17,550.00	4.35 \$	84,825.00
84.	_ Gate Well Cover	10	Ea	500.00 \$	5,000.00	500.00 \$	5,000.00
85.	_ Gate Well Cover, Adj, Add Depth	8	Ea	200.00 \$	1,600.00	450.00 \$	3,600.00
86.	_ Gate Well Cover, Adj, Case 1	10	Ea	200.00 \$	2,000.00	525.00 \$	5,250.00
87.	_ Sprinkler Head	975	Ea	30.00 \$	29,250.00	52.80 \$	51,480.00



# **TABULATION OF BIDS**

City of Grosse Pointe Woods

2015-2016 Road Program

AEW PROJECT NO. 0160-0370

DiLisio Contracting  
23525 Lakepointe Drive  
Clinton Twp, MI 48036

Fiore Enterprises, LLC  
3411 W. Fort Street  
Detroit, MI 48216

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount	Unit Price	Amount
88.	Audio Visual Record of Construction Area	1	LS	4,870.00	\$ 4,870.00	5,000.00	\$ 5,000.00
<b>TOTAL AMOUNT BID</b>				<b>\$</b>	<b>6,488,827.35</b>	<b>\$</b>	<b>6,687,435.80</b>
* CORRECTED BY ENGINEER				*		*	
	Crew Days	560.00	\$/Day	300.00	168,000.00	340.00	190,400.00
<b>TOTAL AMOUNT BID WITH CREW DAYS</b>				<b>\$</b>	<b>6,656,827.35</b>	<b>\$</b>	<b>6,877,835.80</b>

## **Pavement Inventory**

The City of Grosse Pointe Woods road system consists of approximately 57 miles of roads which are concrete or asphalt overlaid streets. The road system is visually inspected approximately every other year and each road section is rated. The road rating corresponds with the anticipated number of years prior to necessary replacement. As of the last rating (Fall, 2013) the ratings broke down as follows:

Immediate:	7.5 miles
1 to 3 years:	2.2 miles
4 to 8 years:	4.0 miles
9 to 20 years:	36.5 miles
21 to 40 years:	6.3 miles

There are several treatments for roads depending on existing condition. Common treatments are reconstruction, resurfacing, patching and joint sealing. Roads with a rating of Immediate or 1 to 3 years have deteriorated to a point where reconstruction is the only reasonable treatment. Some roads in the 4 to 8 rating may be resurfaced and/or patched, but many have deteriorated to a point where reconstruction is the only option. Streets with a rating of 9 to 20 years and 21 to 40 years are able to be rehabilitated with patching, resurfacing and/or joint sealing. The most cost effective way to maintain a road system is to regularly perform preventative maintenance (patching, resurfacing and joint sealing) which costs significantly less and is much less disruptive than reconstruction.

For the sake of budgeting, costs provided in the inventory are for reconstruction. The budget unit price used is \$100 per square yard which includes construction, engineering, administration, etc. This equates to roughly \$1.46 million per mile for a typical 25 foot wide road.

Anderson, Eckstein Westrick, Inc.

Printed: 3/10/2014

Revised: 8/28/2013

**Section D (Immediate Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Allard Ave.	Chester Avenue	Bramcaster Road	1934	1962	A. ON C.	0	\$279,000
Allard Ave.	Bramcaster Road	Mack Avenue	1934	1962	A. ON C.	0	\$277,000
Anita Ave.	Helen Ave.	Mack Ave.	1954	1981	A. ON C.	0	\$277,000
Anita Ave.	W. City Limits	Helen Ave.	1954	1981	A. ON C.	0	\$141,000
Anita Ave.	Mack Avenue	Charlevoix Avenue	1934	1962	A. ON C.	0	\$513,000
Beaufait Ave.	W. City Limits	Mack Avenue	1934	1962	A. ON C.	0	\$418,000
Broadstone Rd.	W. City Limits	Mack Avenue	1934	1962	A. ON C.	0	\$564,000
Brys Dr.	Helen Ave.	Mack Avenue	1954		CONC.	0	\$265,000
Brys Dr.	Mack Avenue	Marter Road	1934	1962	A. ON C.	0	\$822,000
Country Club Dr.	W. City Limits	Mack Avenue	1934	1973	A. ON C.	0	\$432,000
Crescent Ln.	Cook Road	Cook Road	1964	1981	A. ON C.	0	\$303,000
Hollywood Ave.	Goethe Avenue	Marter Road	1964	1962	A. ON C.	0	\$477,000
Huntington Blvd.	Mack Avenue	Holiday Avenue	1954		CONC.	0	\$557,000
Lancaster Ave.	W. City Limits	Mack Avenue	1934	1962	A. ON C.	0	\$418,000
Maple Ln.	Wedgewood Drive	Wedgewood Drive	1954	1962	A. ON C.	0	\$125,000
North Oxford Rd.	Fairway Dr	Morningside Dr	1934	1981	A. ON C.	0	\$553,000
Oxford Rd.	W. City Limits	Jackson Avenue	1934	1962	A. ON C.	0	\$226,000
Oxford Rd.	Jackson Avenue	Mack Avenue	1934	1962	A. ON C.	0	\$206,000

Anderson, Eckstein Westrick, Inc.

Printed: 3/10/2014

Revised: 8/28/2013

**Section D (Immediate Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Severn Rd.	Bramcaster Road	Mack Avenue	1934	1962	A. ON C.	0	\$446,000
South Renaud Rd.	Mack Avenue	E. of Milk River	1954	1973	A. ON C.	0	\$613,000
South Renaud Rd.	E. of Milk River	Fairway Ave.	1954	1973	A. ON C.	0	\$317,000
Stanhope Ave.	Mack Avenue	Chester Avenue	1934	1962	A. ON C.	0	\$613,000
Stanhope Ave.	Chester Avenue	W. City Limits	1944	1962	A. ON C.	0	\$468,000
Sunningdale Dr.	Fairway Drive	Wedgewood Drive	1934	1962	A. ON C.	0	\$637,000
Sunningdale Dr.	Wedgewood Drive	Morningside Drive	1934	1962	A. ON C.	0	\$478,000
Sunningdale Dr.	Morningside Drive	E. City Limits	1934	1981	A. ON C.	0	\$335,000
Virginia Ln.	Vernier Road	Cul de Sac	1964		CONC.	0	\$42,000
Wedgewood Dr.	Vernier Road	Dead End	1954	1985	A. ON C.	0	\$139,000
<b>Total Replacement Cost:</b>							<b>\$10,941,000</b>

Anderson, Eckstein Westrick, Inc.

Printed: 3/10/2014

Revised: 8/28/2013

**Section D (1 to 3 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Fleetwood Dr.	Alley	Mack Avenue	1984		CONC.	1-3	\$53,000
Ida Ln.	Ida Ln. W.	Cul-de-Sac	1944		A. ON C.	1-3	\$44,000
Lochmoor Blvd.	Holiday Road	Milk River	1984	1990	CONC.	1-3	\$405,000
Lochmoor Blvd.	Milk River	W. of Fairway Avenue	1934	1973	A. ON C.	1-3	\$393,000
Lochmoor Dr.	Mack Alley	Mack Ave.	1934		CONC.	1-3	\$53,000
Morningside Dr.	Oxford Rd.	Sunningdale Drive	1979		CONC.	1-3	\$654,000
Oxford Rd.	Mack Avenue	Holiday Rd.	1934	1962	A. ON C.	1-3	\$403,000
Roslyn Rd.	Mack Avenue	Marter Road	1934	1985	A. ON C.	1-3	\$934,000
South Renaud Rd.	Fairway Ave.	N. Renaud Rd.	1954	1973	A. ON C.	1-3	\$143,000
Wedgewood Dr.	South Oxford Road	North Oxford Rd.	1954		CONC.	1-3	\$79,000
<b>Total Replacement Cost:</b>							<b>\$3,161,000</b>

Anderson, Eckstein Westrick, Inc.

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**Section D (4 to 8 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Allard Ave.	W. City Limits	Chester Avenue	1964	1962	A. ON C.	4-8	\$446,000
Avon Ct.	Wedgewood Avenue	Dead End	1964		CONC.	4-8	\$98,000
Bramcaster Rd.	Stanhope Ave.	Allard Ave.	1964		CONC.	4-8	\$80,000
Brys Dr.	Eight Mile Road	City Limits	1954		CONC.	4-8	\$35,000
Edmundton Dr.	Charlevoix Ave	Marter Rd.	1964		CONC.	4-8	\$262,000
Fairway Dr.	Sunningdale Avenue	S. Oxford	1954		CONC.	4-8	\$457,000
Hampton Rd.	Mack Avenue	Marter Road	1934	1981	A. ON C.	4-8	\$802,000
Hampton Rd.	Morningside Drive	E. City Limits	1997	1981	A. ON C.	4-8	\$229,000
Lake Shore Ln.	Morningside Drive	E. City Limits	1954		CONC.	4-8	\$195,000
Lochmoor Blvd.	Sunningdale Park	Holiday Road	1984	1990	CONC.	4-8	\$529,000
Lochmoor Blvd.	W. of Morningside Drive	E. City Limits	1934	1973	A. ON C.	4-8	\$283,000
Marion Ct.	River Road	Dead End	1964		CONC.	4-8	\$98,000
Marter Rd.	Hawthorne	Brys Dr.	1964	1985	A. ON C.	4-8	\$413,000
Marter Rd.	Brys Dr.	Blairmoor Ct.	1964		CONC.	4-8	\$161,000
Marter Rd.	Vernier Road	Hawthorne	1964	1985	A. ON C.	4-8	\$243,000

Anderson, Eckstein Westrick, Inc.

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**Section D (4 to 8 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Parkway Dr.	Marter Road	River Road	1964		CONC.	4-8	\$223,000
Roslyn Rd.	Marter Road	E. of Milk River Bridge	1934		CONC.	4-8	\$127,000
Toles Ave.	Vernier Road	N. City Limits	1979		CONC.	4-8	\$42,000
Vernier Rd.	Charlevoix Avenue	Wendy Lane	1964		CONC.	4-8	\$627,000
Vernier Rd.	Wendy Lane	Fairway Lane	1964		CONC.	4-8	\$451,000
Wedgewood Dr.	Sunningdale Drive	Hidden Lane	1954		CONC.	4-8	\$125,000
<b>Total Replacement Cost:</b>							<b>\$5,926,000</b>

Anderson, Eckstein Westrick, Inc.

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# **Section D (9 to 20 Year Program)** **City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Aline Ave.	Mack Avenue	E. of Marter Road	1954		CONC.	9-20	\$947,000
Anita Ave.	Charlevoix Avenue	Marter Road	1989		CONC.	9-20	\$256,000
Anita Ave.	Marter Road	E. City Limits	1964		CONC.	9-20	\$1,028,000
Arthur Ave.	S. of Stanhope Ave.	N. of Allard Avenue	1944		CONC.	9-20	\$167,000
Ballantyne Ct.(E&W)	Fairford Avenue	Fairford Avenue	1954		CONC.	9-20	\$279,000
Baltree Ct.	Fairholme Road	S. to Cul-de-Sac	1944		CONC.	9-20	\$70,000
Berns Ct.	Fairholme Road	S. City Limits	1974		CONC.	9-20	\$70,000
Birch Ln.	Fairford Avenue	Morningside Drive	1954		CONC.	9-20	\$279,000
Blairmoor Ave.	Goethe Avenue	Edmundton Avenue	1964		CONC.	9-20	\$683,000
Blairmoor Ave.	River Road	Van "K" Drive	1964		CONC.	9-20	\$766,000
Blossom Ln.	Cook Road	S. City Limits	1944	2001	A. ON C.	9-20	\$125,000
Blossom Pl.	Mack Avenue	Blossom Lane	1944	2001	A. ON C.	9-20	\$56,000
Bournemouth Rd.	Leslie Avenue	Mack Avenue	1934	1981	A. ON C.	9-20	\$432,000
Bramcaster Rd.	Prestwick Road	Allard Avenue	1964		CONC.	9-20	\$460,000
Bramcaster Rd.	Allard Avenue	N. of Huntington Blvd.	1964		CONC.	9-20	\$237,000
Briarcliff Dr.	River Road	Van "K" Drive	1964		CONC.	9-20	\$655,000
Brys Dr.	Marter Road	River Road	1964		CONC.	9-20	\$205,000
Brys Dr.	River Road	Wedgewood Drive	1964		CONC.	9-20	\$785,000
Canterbury Dr.	River Road	Van "K" Drive	1964		CONC.	9-20	\$934,000
Centerbrook Ct.	Yorktown Road	N. City Limits	1964		CONC.	9-20	\$70,000
Charlevoix Ave.	Vernier Road	N. of Aline Drive	1964		CONC.	9-20	\$683,000
Charlevoix Ave.	N. of Aline Drive	N. of Edmunton Drive	1964		CONC.	9-20	\$139,000
Chester Ave.	S. of Stanhope Ave.	N. of Allard Avenue	1944		CONC.	9-20	\$167,000
Christine Ct.	Vernier Road	N. City Limits	1964		CONC.	9-20	\$56,000
Cook Rd.	Mack Avenue	Chalfonte Avenue	1993		CONC.	9-20	\$585,000
Cook Rd.	Chalfonte Avenue	Wedgewood Road	1954		CONC.	9-20	\$725,000
Cook Rd.	Wedgewood Drive	Morningside Drive	1954		CONC.	9-20	\$339,000

Anderson, Eckstein Westrick, Inc.

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**Section D (9 to 20 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Cook Rd.	Morningside Drive	E. City Limits	1954		CONC.	9-20	\$209,000
Coventry Ln.	Morningside Drive	E. of Morningside Drive	1954		CONC.	9-20	\$125,000
Cul De Sac	Canterbury Drive	N. City Limits	1964		CONC.	9-20	\$56,000
Cul De Sac	Canterbury Drive	N. City Limits	1964		CONC.	9-20	\$56,000
Cul De Sac	Canterbury Drive	N. City Limits	1964		CONC.	9-20	\$56,000
Deeplands Rd.	Thorn Tree Road	E. City Limits	1954		CONC.	9-20	\$42,000
Dorthen Ave.	Mack Avenue	Holiday Avenue	1954	2001	A. ON C.	9-20	\$279,000
Doyle Ct.	Fairford Avenue	N. City Limits	1954		CONC.	9-20	\$112,000
Doyle Place East	Fairford Avenue	Doyle Place West	1954		CONC.	9-20	\$460,000
Doyle Place W.	Fairford Avenue	Wedgewood Drive	1954		CONC.	9-20	\$265,000
Eastbourne Ave.	Prestwick Road	Stanhope Avenue	1964		CONC.	9-20	\$376,000
Eastbrook Ct.	Yorktown Road	N. City Limits	1964		CONC.	9-20	\$98,000
Edmundton Dr.	Marter Rd.	Blairmoor Ct.	1964		CONC.	9-20	\$90,000
Edmundton Dr.	N. City Limits	Charlevoix Ave	1964		CONC.	9-20	\$210,000
Edshire Pl.	Cook Road	Pear Tree Lane	1954		CONC.	9-20	\$167,000
Eight Mile Rd.	W. City Limits	Brys Drive	1954		CONC.	9-20	\$110,000
Eight Mile Rd.	Mack Avenue	E. of Mack Avenue	1964		CONC.	9-20	\$434,000
Eight Mile Rd.	E. of Mack	Goethe Avenue	1964		CONC.	9-20	\$181,000
Eight Mile Rd.	Goethe Avenue	Yorktown Road	1964		CONC.	9-20	\$110,000
Emory Ct.	Torrey Road	Torrey Road	1979		CONC.	9-20	\$348,000
Fair Ct.	Mack Avenue	E. City Limits	1984		CONC.	9-20	\$125,000
Fairford Rd.	Torrey Road	Wedgewood Road	1954	2000	A. ON C.	9-20	\$349,000
Fairford Rd.	Fairholme Road	Wedgewood Road	1954	2000	A. ON C.	9-20	\$349,000
Fairford Rd.	Wedgewood Road	Morningside Drive	1954	1981	A. ON C.	9-20	\$233,000
Fairford Rd.	E. of Morningside Drive	E. City Limits	1954	1981	A. ON C.	9-20	\$125,000
Fairholme Rd.	Mack Avenue	W. of Milk River	1944	2007	A. ON C.	9-20	\$585,000
Fairholme Rd.	W. of Milk River Bridge	Fairford Road	1954	2007	A. ON C.	9-20	\$320,000

Anderson, Eckstein Westrick, Inc.

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**Section D (9 to 20 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Fairway Dr.	S. Oxford	Fairford	1999	1999	A. ON C.	9-20	\$256,000
Fairway Dr.	Fairford	Dead End	1954		CONC.	9-20	\$212,000
Fairway Ln.	Vernier Road	Dead End	1964	2000	A. ON C.	9-20	\$223,000
Fleetwood Dr.	Jackson Ave.	Alley	1984		CONC.	9-20	\$99,000
Ford Ct.	Mack Avenue	E. City Limits	1984		CONC.	9-20	\$125,000
Ghesquiere Ct.	Fairholme Road	S. to Cul-de-Sac	1996		CONC.	9-20	\$70,000
Glen Arbor Ln.	Morningside Drive	E. of Morningside Drive	1954		CONC.	9-20	\$125,000
Goethe Ave.	Anita Avenue	N. of Aline Drive	1964		CONC.	9-20	\$557,000
Goethe Ave.	N. of Aline Drive	N. City Limits	1964		CONC.	9-20	\$139,000
Green Ct.	Morningside Drive	E. of Morningside Drive	1979		CONC.	9-20	\$56,000
Hampton Rd.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$418,000
Hampton Rd.	Marter Road	E. of Milk River Bridge	1999	1999	A. ON C.	9-20	\$117,000
Hampton Rd.	E. of Milk River Bridge	Wedgewood Drive	1974		CONC.	9-20	\$457,000
Hampton Rd.	Wedgewood Drive	Morningside Drive	1984		CONC.	9-20	\$220,000
Hawthorne Ave.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$418,000
Hawthorne Rd.	Mack Avenue	Goethe Avenue	1954		CONC.	9-20	\$317,000
Hawthorne Rd.	Marter Road	E. City Limits	1979		CONC.	9-20	\$947,000
Heather Ln.	Morningside Drive	E. of Morningside Drive	1954		CONC.	9-20	\$139,000
Helen Ave.	Lochmoor Boulevard	Vernier Road	1954		CONC.	9-20	\$585,000
Helen Ave.	Vernier Road	Brys Drive	1954		CONC.	9-20	\$543,000
Hidden Ln.	E. City Limits	W. of Wedgewood Drive	1954		CONC.	9-20	\$627,000
Hidden Ln.	Cul-de-Sac	Wedgewood Drive	1999	1985	A. ON C.	9-20	\$220,000
Higbie Place (N & S)	Morningside Drive	Morningside Drive	1954		CONC.	9-20	\$279,000
Holiday Rd.	Cook Road	Fairholme Road	1954		CONC.	9-20	\$209,000
Holiday Rd.	Fairholme Road	Sunningdale Drive	1954		CONC.	9-20	\$446,000
Hollywood Ave.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$418,000
Hollywood Ave.	Mack Avenue	Goethe Avenue	1964	1985	A. ON C.	9-20	\$287,000

## Section D (9 to 20 Year Program)

### City of Grosse Pointe Woods Infrastructure Inventory - Pavement

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Hollywood Ave.	Marter Road	Wedgewood Drive	1954		CONC.	9-20	\$594,000
Hollywood Ave.	Wedgewood Drive	E. City Limits	1954		CONC.	9-20	\$446,000
Huntington Blvd.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$892,000
Ida Ln.	Cook Road	Cook Road	1944	1985	A. ON C.	9-20	\$432,000
Jackson Ave.	S. of Kenmore Drive	Lochmoor Boulevard	1964		CONC.	9-20	\$251,000
Jackson Ave.	Lochmoor Avenue	VanAntwerp Avenue	1964		CONC.	9-20	\$725,000
Kenmore Dr.	W. City Limits	Mack Avenue	1959	2000	A. ON C.	9-20	\$167,000
Kings Ct.	Cook Road	Cook Road	1944	2002	A. ON C.	9-20	\$320,000
Lee Ct.	Vernier Road	N. City Limits	1964		CONC.	9-20	\$42,000
Lennon Ave.	W. City Limits	Mack Avenue	1934	1997	A. ON C.	9-20	\$418,000
Leslie Ave.	Bournemouth Road	Prestwick Road	1964		CONC.	9-20	\$217,000
Linville Ave.	Bournemouth Road	S. City Limits	1954		CONC.	9-20	\$153,000
Lochmoor Blvd.	W. of Fairway Avenue	Wedgewood Drive	1934	1973	A. ON C.	9-20	\$666,000
Lochmoor Blvd.	Wedgewood Drive	W. of Morningside Drive	1934	1973	A. ON C.	9-20	\$461,000
Manchester Blvd.	W. City Limits	Mack Avenue	1969		CONC.	9-20	\$892,000
Marford Ct.	Fairholme Road	S. City Limits	1944		CONC.	9-20	\$70,000
Marter Rd.	Blairmoor Ct.	Parkway Dr.	1964		CONC.	9-20	\$133,000
Moorland Ave.	River Road	E. City Limits	1964		CONC.	9-20	\$725,000
Morningside Dr.	Cook Road	Oxford Rd.	1954	2002	A. ON C.	9-20	\$967,000
Morningside Dr.	Sunningdale Drive	Hidden Lane	2002		CONC.	9-20	\$517,000
Morningside Dr.	Vernier Road	Hampton Road	1954		CONC.	9-20	\$376,000
Morningside Dr.	Hampton Road	Moorland Drive	1964		CONC.	9-20	\$585,000
Morningside Dr.	Moorland Avenue	N. City Limits	1964		CONC.	9-20	\$293,000
Morningside Dr.	Hidden Lane	Vernier Rd	1954		CONC.	9-20	\$398,000
Newcastle Rd.	W. City Limits	Mack Avenue	1992		CONC.	9-20	\$446,000
North Brys Dr.	Wedgewood Drive	Van "K" Drive	1964		CONC.	9-20	\$404,000
North Oxford Rd.	Oxford Road	Fairway Dr	2008		CONC.	9-20	\$550,000

Anderson, Eckstein Westrick, Inc.

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## Section D (9 to 20 Year Program)

### City of Grosse Pointe Woods Infrastructure Inventory - Pavement

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
North Rosedale Ct.	N. City Limits	Morningside Drive	1964		CONC.	9-20	\$98,000
North Rosedale Ct.	Morningside Drive	Van "K" Drive	1964		CONC.	9-20	\$181,000
Norton Ct.	Torrey Lane	N. City Limits	1974		CONC.	9-20	\$70,000
O'Mara Ct.	Fairford Avenue	S. City Limits	1993		CONC.	9-20	\$98,000
Oxford Rd.	Morningside Drive	E. City Limits	1989		CONC.	9-20	\$195,000
Paget Ct.	Fairholme Road	Fairholme Road	1944	2000	A. ON C.	9-20	\$237,000
Peach Tree Ln.	Thorn Tree Road	Cook Road	1954		CONC.	9-20	\$348,000
Pear Tree Ln.	Wedgewood Drive	Thorn Tree Road	1954		CONC.	9-20	\$362,000
Perrien Rd.	W. of Morningside Drive	Van "K" Drive	1964		CONC.	9-20	\$293,000
Prestwick Rd.	W. City Limits	Leslie Avenue	1934		CONC.	9-20	\$307,000
Prestwick Rd.	Bramcaster Road	Leslie Avenue	1979		CONC.	9-20	\$125,000
Prestwick Rd.	Leslie Avenue	Eastbourne Road	1979		CONC.	9-20	\$84,000
Raymond Dr.	S. City Limits	Bournemouth Road	1954		CONC.	9-20	\$153,000
Renaud	Morningside Drive	E. City Limits	1954	2002	A. ON C.	9-20	\$188,000
Ridgemont Ave.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$418,000
River Rd.	Brys Drive	North Sub. Line	1964		CONC.	9-20	\$167,000
River Rd.	North Sub. Line	Parkway Drive	1964		CONC.	9-20	\$139,000
River Rd.	Parkway Driver	Moorland Drive	1964		CONC.	9-20	\$167,000
River Rd.	Moorland Drive	N. City Limits	1964		CONC.	9-20	\$111,000
Robert John Rd.	E. City Limits	W. City Limits	1964		CONC.	9-20	\$98,000
Roslyn Rd.	W. City Limits	Mack Avenue	1954		CONC.	9-20	\$418,000
Roslyn Rd.	E. of Milk River Bridge	Wedgewood Drive	1934		CONC.	9-20	\$319,000
Saddle Lane North	Saddle Lane South	Saddle Lane	1964		CONC.	9-20	\$195,000
Saddle Lane South	Saddle Lane North	Saddle Lane	1964		CONC.	9-20	\$209,000
Saddle Ln.	Cook Road	Saddle Lane South	1964		CONC.	9-20	\$125,000
Shoreham Ct.	W. City Limits	Wedgewood	1954		CONC.	9-20	\$237,000
Shoreham Rd.	Wedgewood Drive	E. City Limits	1954		CONC.	9-20	\$418,000

Anderson, Eckstein Westrick, Inc.

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## Section D (9 to 20 Year Program)

### City of Grosse Pointe Woods Infrastructure Inventory - Pavement

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
South Brys Dr.	Morningside Drive	Van "K" Drive	1964		CONC.	9-20	\$181,000
South Renaud Rd.	North Renaud Road	E. of Wedgewood Drive	1954	1973	A. ON C.	9-20	\$227,000
South Renaud Rd.	W. of Wedgewood Drive	Dead End	1954	1997	A. ON C.	9-20	\$79,000
South Rosedale Ct.	N. City Limits	Morningside Drive	1964		CONC.	9-20	\$265,000
South Rosedale Ct.	Morningside Drive	Van "K" Drive	1964		CONC.	9-20	\$181,000
Sunningdale Dr.	Sunningdale Park	Holiday Road	1979		CONC.	9-20	\$337,000
Sunningdale Dr.	Holiday Road	Fairway Drive	1979		CONC.	9-20	\$460,000
Thorn Tree Rd.	Morningside Drive	Cook Road	1954		CONC.	9-20	\$348,000
Torrey Rd.	Mack Avenue	Holiday Avenue	1999		CONC.	9-20	\$617,000
Torrey Rd.	Holiday Road	Fairford Road	1999		CONC.	9-20	\$346,000
Van "K" Dr.	Brys Drive South	S. Esmt. Moorland Drive	1964		CONC.	9-20	\$404,000
Van "K" Dr.	Esmt. S.of Moorland	North Rosedale Court	1964		CONC.	9-20	\$251,000
Van Antwerp Ave.	W. City Limits	Mack Avenue	1934	1997	A. ON C.	9-20	\$418,000
Vernier Rd.	Mack Avenue	Sunningdale Drive	1999	1998	A. ON C.	9-20	\$178,000
Vernier Rd.	Sunningdale Drive	Charlevoix Avenue	1999	1999	A. ON C.	9-20	\$627,000
Vernier Rd.	Fairway Lane	E. City Limits	1934		CONC.	9-20	\$1,239,000
Wedgewood Dr.	Cook Road	Doyle Place East	1954		CONC.	9-20	\$279,000
Wedgewood Dr.	Vernier Road	N. of North Brys Drive	1954		CONC.	9-20	\$683,000
Wedgewood Dr.	N. of North Brys Drive	Esmt. S/Moorland Drive	1964		CONC.	9-20	\$251,000
Wedgewood Dr.	Esmt. S/Moorland Drive	Braircliff Avenue	1964		CONC.	9-20	\$70,000
Wedgewood Dr.	Doyle Place East	Fairford	1954		CONC.	9-20	\$265,000
Wedgewood Dr.	Fairford	Shoreham Road	1954		CONC.	9-20	\$84,000
Wedgewood Dr.	Shoreham Road	South Oxford Road	1954		CONC.	9-20	\$125,000
Wedgewood Dr.	North Oxford Road	North Renaud Road	1954		CONC.	9-20	\$181,000
Wedgewood Dr.	North Renaud Road	Sunningdale Drive	1954		CONC.	9-20	\$223,000
Wendy Ln.	Vernier Road	N. City Limits	1944		CONC.	9-20	\$42,000
Westbrook Ct.	Yorktown Road	N. City Limits	1964		CONC.	9-20	\$70,000

Anderson, Eckstein Westrick, Inc.

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**Section D (9 to 20 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Wickes Ln.	Vernier Road	N. City Limits	1979		CONC.	9-20	\$42,000
Williams Ct.	Fairford Avenue	Fairford Avenue	1954		CONC.	9-20	\$376,000
Woods Lane Ct.	Woods Lane	S. City Limits	1964		CONC.	9-20	\$70,000
Woods Ln.	River Road	Van "K" Drive	1964		CONC.	9-20	\$697,000
Yorktown Rd.	N. City Limits	Marter Road	1964		CONC.	9-20	\$376,000
<b>Total Replacement Cost:</b>							<b>\$53,469,000</b>

Anderson, Eckstein Westrick, Inc.

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**Section D (21 to 40 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
Chalfonte Ave.	S. City Limits	Cook Road	1997	2012	A. ON C.	21-40	\$194,000
Clairview Ct.	Torrey Road	Torrey Road	1944		CONC.	21-40	\$279,000
Elford Ct.	Torrey Road	Torrey Road	2004		CONC.	21-40	\$307,000
Fleetwood Dr.	W. City Limits	Jackson Avenue	1934		CONC.	21-40	\$274,000
Harper Ser. Dr.	N. City Limits	S. City Limits	1954		CONC.	21-40	\$207,000
Hawthorne Rd.	Goethe Avenue	Marter Road	1954		CONC.	21-40	\$547,000
Hunt Club Dr.	W. City Limits	Mack Avenue	1934		CONC.	21-40	\$432,000
Littlestone Rd.	W. City Limits	Mack Avenue	2002		CONC.	21-40	\$446,000
Lochmoor Dr.	W. City Limits	Mack Alley	1934		CONC.	21-40	\$379,000
Lochmoor Dr.	Mack Avenue	Sunningdale Park	1934	2007	A. ON C.	21-40	\$128,000
Marter Rd.	Parkway	N. City Limits	1997		CONC.	21-40	\$199,000
North Renaud Rd.	South Renaud Road	South Renaud Road	2004		CONC.	21-40	\$599,000
North Renaud Rd.	South Renaud Road	Morningside Drive	2005		CONC.	21-40	\$1,073,000
Norwood Dr.	W. City Limits	Mack Avenue	1934		CONC.	21-40	\$432,000
Prestwick Rd.	Eastbourne	Mack Ave	1979		CONC.	21-40	\$132,000
Roslyn Rd.	Wedgewood Drive	E. City Limits	1934		CONC.	21-40	\$460,000
Severn Rd.	W. City Limits	Bramcaster Road	2001		CONC.	21-40	\$167,000
South Oxford Rd.	Holiday Road	Fairway	2002		CONC.	21-40	\$1,017,000

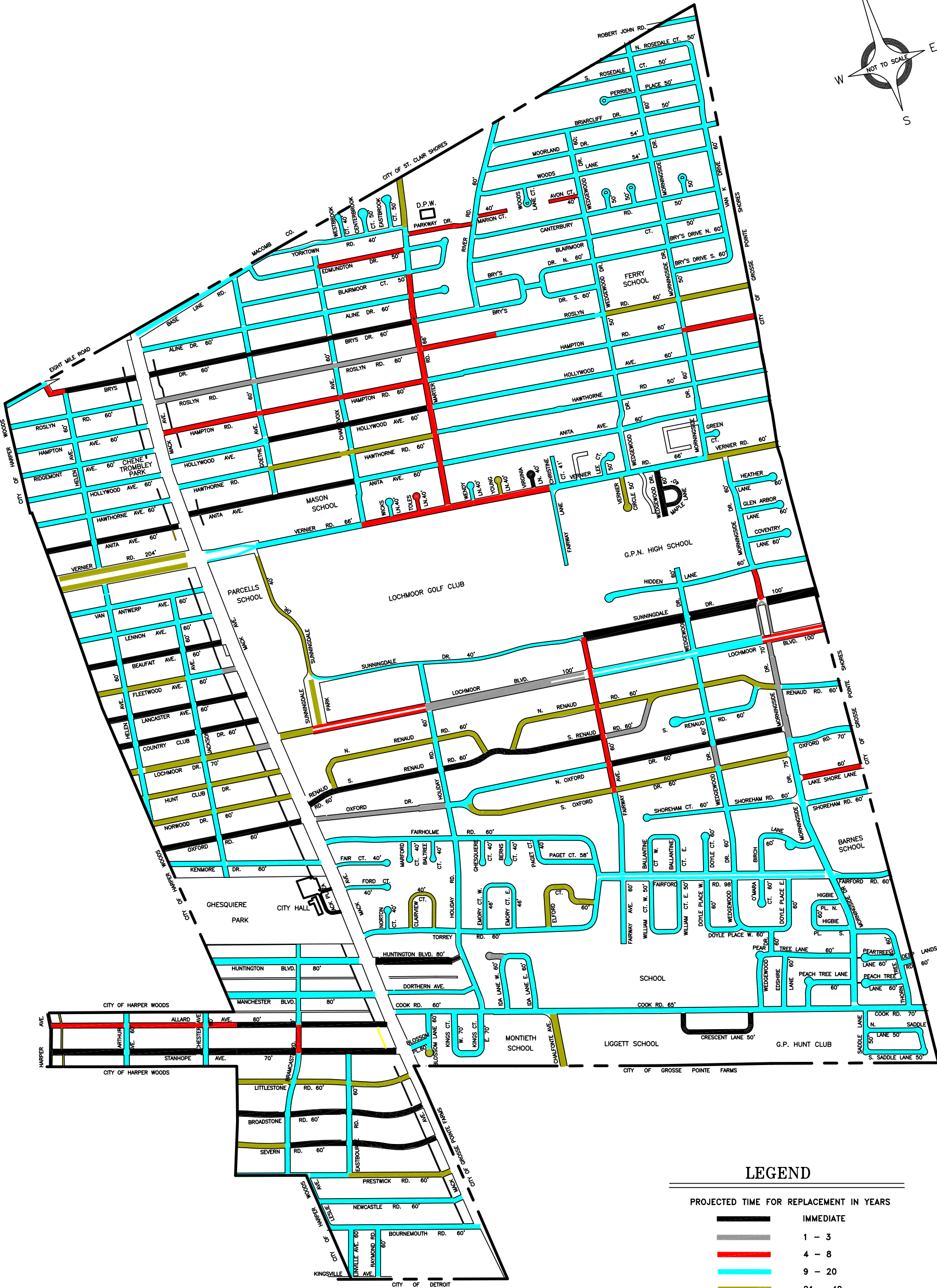
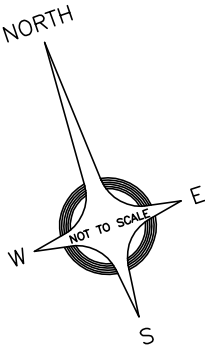
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**Section D (21 to 40 Year Program)**  
**City of Grosse Pointe Woods Infrastructure Inventory - Pavement**

Street Name	From	To	Yr. Built	Yr. Overlaid	Pav't Type	Repl Date	Project Replacement
South Oxford Rd.	Fairway	Morningside Drive	2007		CONC.	21-40	\$553,000
Sunningdale Park	Vernier Road	Sunningdale Drive	2006		CONC.	21-40	\$415,000
Sunningdale Park	Sunningdale Drive	Lochmoor Boulevard	2006		CONC.	21-40	\$121,000
Vernier Cir.	Vernier Road	S. City Limits	1993		CONC.	21-40	\$111,000
Vernier Rd.	W. City Limits	Mack Avenue	2006		CONC.	21-40	\$708,000
Young Ln.	Vernier Road	N. to Cul-de-Sac	1944		CONC.	21-40	\$42,000
<b>Total Replacement Cost:</b>							<b>\$9,222,000</b>



LEGEND

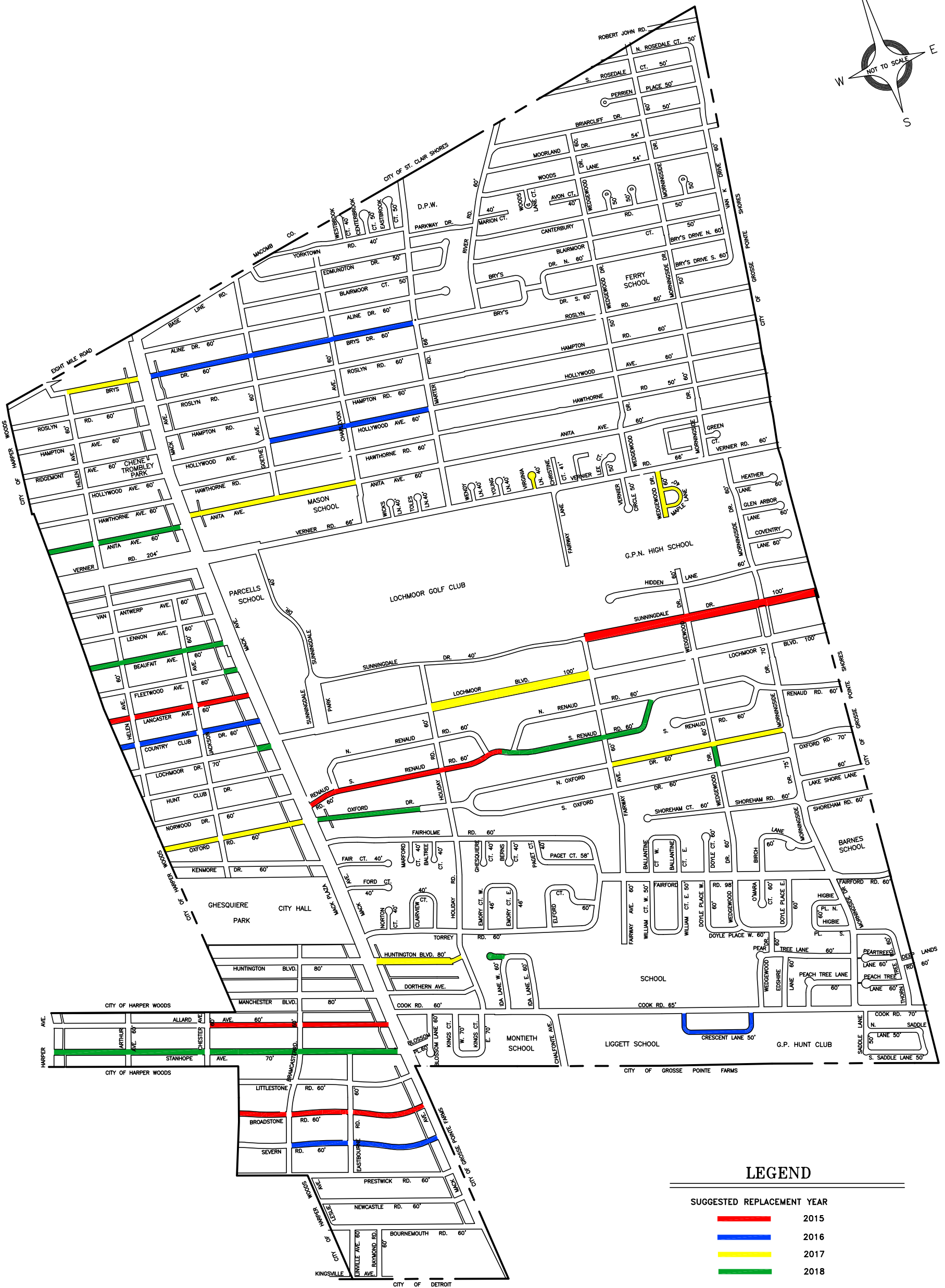
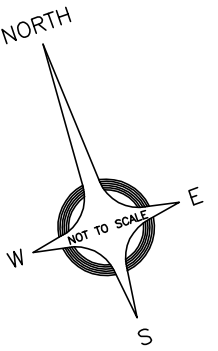
PROJECTED TIME FOR REPLACEMENT IN YEARS	
	IMMEDIATE
	1 - 3
	4 - 8
	9 - 20
	21 - 40





**City of Grosse Pointe Woods  
2015-2018 Suggested Road Program**

Street Name	From	To	Surface	Curb	Gutter	Total	Treatment	Pavt Cost	Year	
Sunningdale	Fairway	Wedgewood	1	1	1	3	Reconstruct	\$341,000.00	2015	
Allard	Bramcaster	Mack	1	1	1	3	Reconstruct	\$277,000.00	2015	
Broadstone	WCL	Mack	1	1	1	3	Reconstruct	\$564,000.00	2015	
Lancaster	WCL	Mack	2	1	1	4	Reconstruct	\$418,000.00	2015	*
S. Renaud	Mack	Milk River	1	2	1	4	Reconstruct	\$613,000.00	2015	*
Sunningdale	Wedgewood	Morningside	2	1	1	4	Reconstruct	\$478,000.00	2015	
Sunningdale	Morningside	ECL	2	1	1	4	Reconstruct	\$143,000.00	2016	*
Allard	Chester	Bramcaster	3	1	1	5	Reconstruct	\$279,000.00	2015	*
									\$3,113,000.00	
Country Club	WCL	Mack	2	1	1	4	Reconstruct	\$432,000.00	2016	
Severn	Bramcaster	Mack	1	1	1	3	Reconstruct	\$446,000.00	2016	
Brys	Mack	Marter	2	1	1	4	Reconstruct	\$822,000.00	2016	*
Crescent	Cook	Cook	1	3	1	5	Resurface	\$196,950.00	2016	*
Hollywood	Goethe	Marter	2	1	2	5	Reconstruct	\$477,000.00	2016	*
									\$2,373,950.00	
Anita	Mack	Charlevoix	2	1	2	5	Reconstruct	\$513,000.00	2017	*
Virginia	Vernier	End	2	2	2	6	Reconstruct	\$42,000.00	2017	
N. Oxford	Fairway	Morningside	3	1	2	6	Reconstruct	\$553,000.00	2017	
Wedgewood	Vernier	End	2	3	1	6	Reconstruct	\$139,000.00	2017	
Lochmoor	Milk River	Fairway	2	2	2	6	Resurface	\$255,450.00	2017	
Lochmoor	Holiday	Milk River	1	3	3	7	Resurface	\$263,250.00	2017	*
Oxford	Jackson	Mack	3	2	1	6	Reconstruct	\$208,000.00	2017	
Huntington	Mack	Holiday	1	3	2	6	Resurface	\$186,550.00	2017	
Brys	Helen	Mack	2	3	1	6	Resurface	\$172,250.00	2017	
Maple	Wedgewood	Wedgewood	2	3	2	7	Reconstruct	\$125,000.00	2017	*
Oxford	WCL	Jackson	3	3	2	8	Resurface	\$146,900.00	2017	
Lochmoor	Alley	Mack	3	3	3	9	Reconstruct	\$53,000.00	2017	
									\$2,657,400.00	
Stanhope	Chester	WCL	3	1	2	6	Reconstruct	\$468,000.00	2018	*
Oxford	Mack	Holiday	3	2	2	7	Resurface	\$261,950.00	2018	
S. Renaud	Milk River	Fairway	2	3	2	7	Resurface	\$206,050.00	2018	
Beaufait	WCL	Mack	3	2	2	7	Reconstruct	\$418,000.00	2018	
<del>Roslyn</del>	<del>Mack</del>	<del>Marter</del>	<del>3</del>	<del>2</del>	<del>2</del>	<del>7</del>	<del>Resurface</del>	<del>\$0.00</del>	<del>2018</del>	<del>*</del>
Stanhope	Mack	Chester	2	3	2	7	Reconstruct	\$613,000.00	2018	*
S. Renaud	Fairway	N. Renaud	3	3	2	8	Resurface	\$92,950.00	2018	*
Wedgewood	S. Oxford	N. Oxford	3	3	2	8	Resurface	\$51,350.00	2018	*
Ida Ct.	Ida	End	2	3	3	8	Reconstruct	\$44,000.00	2018	
Anita	Helen	Mack	3	3	2	8	Resurface	\$180,050.00	2018	
Anita	WCL	Helen	3	3	2	8	Resurface	\$91,650.00	2018	
Fleetwood	Alley	Mack	3	3	3	9	Reconstruct	\$53,000.00	2018	
									\$2,480,000.00	



LEGEND

SUGGESTED REPLACEMENT YEAR	
<span style="color: red;">—</span>	2015
<span style="color: blue;">—</span>	2016
<span style="color: yellow;">—</span>	2017
<span style="color: green;">—</span>	2018

