

CITY OF WEST ALLIS

ENGINEERING DEPARTMENT

PROPOSED 5-YEAR PAVING PROGRAM

2016 TO 2020

**PETER C. DANIELS, P.E.
PRINCIPAL ENGINEER**

January 2015

2016
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
5 YEAR PROGRAM - 2016 TO 2020

Dec. 9, 2014

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
W. Rogers St.: S. 92 St. to E/O S. 89 St.	Reconstruct - Conc.	1,215	285	346,000	30,000	51,000	325,000
S. 72 St.: W. Beloit Rd. to Kinnickinnic River Parkway	Minor Resurface	3,645	120	437,000	18,000	256,000	199,000
W. Greenfield Ave.: S. 56 St. to S. 60 St.	Major Resurface	1,215	220	267,000	6,000	43,000	230,000
W. Rogers St.: S. 56 St. to S. 60 St.	Reconstruct - Conc.	1,268	285	361,000	32,000	53,000	340,000
S. 85 St.: W. Washington St. to W. Greenfield Ave.	Reconstruct - Conc.	1,214	285	346,000	30,000	128,000	248,000
S. 119 St.: W. Oklahoma Ave. to W. Ohio Ave.	Reconstruct - Conc.	1,426	285	406,000	36,000	150,000	292,000
W. Euclid Ave.: S. Villa Ct. to S. 119 St.	Reconstruct - Conc.	264	285	75,000	7,000	28,000	54,000
W. Lakefield Ave.: S. 122 St. to E/O S. 119 St.	Reconstruct - Conc.	1,162	285	331,000	29,000	122,000	238,000
S. 89 St.: W. National Ave. to W. Lincoln Ave.	Reconstruct - Conc.	1,531	285	436,000	38,000	161,000	313,000
WisDOT Let: W. National Ave.: S. 70 St. to S. 76 St. (Engineering Only) (A)	Reconstruct - Conc.			22,000	0	0	22,000
WisDOT Let: W. National Ave.: S. 92 St. to S. 95 St. (Engineering Only) (B)	Reconstruct - Conc.			12,000	0	0	12,000
STREETS SUBTOTAL				3,039,000	226,000	992,000	2,273,000
ALLEYS							
Alleys				0	0	0	0
S. 58 St. - S. 60 St.: W. Walker St. - W. Mineral St.	14' Conc. Alley	301	90	27,000	0	16,000	11,000
S. 58 St. - S. 60 St.: W. Madison St. - W. National Ave.	15' Conc. Alley	399	90	36,000	0	22,000	14,000
S. 58 St. - S. 60 St.: W. Scott St. - S. Madison St.	16' Conc. Alley	450	90	41,000	0	26,000	15,000
ALLEYS SUBTOTAL				104,000	0	64,000	40,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			109,000	0	36,000	73,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Bridge Inspection				29,000	0	0	29,000
Special Assessment Clerk Salary and Benefits				85,000	0	0	85,000
OTHER MAJOR PROJECTS SUBTOTAL				473,000	0	36,000	437,000
C.D. PROJECTS							
WisDOT Let: Cross Town Connector Bridge over STH 100 - Phase 2 (Engineering Only) (C)				15,000		15,000	0
WisDOT Let: Cross Town Connector - Phase 3 (Engineering Only) (D)				10,000		10,000	0
TOTAL				3,631,000	236,000	1,107,000	2,750,000

- A - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- B - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- C - WisDOT CMAQ Funds (80% of total cost), CDBG Funds
- D - WisDOT CMAQ Funds (80% of total cost), CDBG Funds

2017
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
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Dec. 9, 2014

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 79 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	2,006	285	572,000	70,000	211,000	431,000
S. 90 St.: W. Becher St. to W. Lincoln Ave.	Reconstruct - Conc.	1,267	285	361,000	44,000	134,000	271,000
W. Lincoln Ave.: S. 52 St. to S. 61 St.	Major Resurface	3,380	220	744,000	17,000	334,000	427,000
W. Madison St.: S. 58 St. to S. 65 St.	Reconstruct - Conc.	2,060	285	587,000	72,000	87,000	572,000
W. Orchard St.: S. 100 St. to S. 101 St.	Reconstruct - Conc.	264	285	75,000	9,000	14,000	70,000
W. Arthur Pl.: S. 88 St. to S. 92 St.	Minor Resurface	1,241	175	217,000	6,000	61,000	162,000
S. 85th St.: W. Arthur Ave. to W. Hayes Pl.	Conc. Repair	528	75	40,000	3,000	11,000	32,000
W. Hayes Pl.: S. 85 St. to S. 87 Pl.	Conc. Repair	739	75	55,000	4,000	16,000	43,000
W. Arthur Pl.: S. 85 St. to S. 87 Pl.	Conc. Repair	739	75	55,000	4,000	16,000	43,000
S. 87 Pl.: W. Hayes Pl. to W. Arthur Pl.	Conc. Repair	158	75	12,000	1,000	3,000	10,000
S. 88 St.: W. Arthur Pl. to W. Cleveland Ave.	Conc. Repair	1,638	90	147,000	8,000	35,000	120,000
WisDOT Let: W. National Ave.: S. 70 St. to S. 76 St. (Engineering Only) (A)	Reconstruct - Conc.			22,000	0	0	22,000
WisDOT Let: W. National Ave.: S. 92 St. to S. 95 St. (Engineering Only) (B)	Reconstruct - Conc.			12,000	0	0	12,000
STREETS SUBTOTAL				2,899,000	238,000	922,000	2,215,000
ALLEYS							
S. 77 St. - S. 78 St.: Union Pacific Railroad - W. Hicks St.	14' Conc. Alley	544	90	49,000	0	29,000	20,000
S. 58 St. - S. 59 St.: W. Mitchell St. - W. Burnham St.	14' Conc. Alley	671	90	60,000	0	36,000	24,000
S. 60 St. - S. 61 St.: W. Greenfield Ave. - W. Orchard St.	16' Conc. Alley	142	90	13,000	0	8,000	5,000
ALLEYS SUBTOTAL				122,000	0	73,000	49,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			192,000	0	41,000	151,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000		0	85,000
OTHER MAJOR PROJECTS SUBTOTAL				527,000	0	41,000	486,000
C.D. PROJECTS							
WisDOT Let: Cross Town Connector Bridge over STH 100 - Phase 2 (Construction Only) (C)				1,200,000		1,200,000	0
WisDOT Let: Cross Town Connector - Phase 3 (Engineering Only) (D)				10,000		10,000	0
TOTAL				4,758,000	238,000	2,246,000	2,750,000

- A - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- B - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- C - WisDOT CMAQ Funds (80% of total cost), CDBG Funds
- D - WisDOT CMAQ Funds (80% of total cost), CDBG Funds

2018
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
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Dec. 9, 2014

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 82 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	2,218	285	632,000	78,000	234,000	476,000
S. 124 St.: W. Lincoln Ave. to W. Oklahoma Ave. (A)	Rural Resurface	5,190	285	1,479,000	182,000	968,000	693,000
W. Hayes Ave.: S. 84 St. to S. 88 St.	Reconstruct - Conc.	687	285	196,000	24,000	72,000	148,000
S. 82 St.: W. Rogers St. to W. Burnham St.	Reconstruct - Conc.	686	285	196,000	24,000	72,000	148,000
W. Schlinger Ave.: S. 92 St. to S. 98 St.	Major Resurface	2,007	220	442,000	10,000	176,000	276,000
WisDOT Let: W. Fairview Ave.: S. 116 St. to S. Curtis Rd.	Major Resurface	1,426	0	0	0	0	0
WisDOT Let: W. National Ave.: S. 70 St. to S. 76 St. (Construction Only) (B)	Reconstruct - Conc.	2,220	1,297	2,267,000	0	1,959,600	307,400
WisDOT Let: W. National Ave.: S. 92 St. to S. 95 St. (Construction Only) (C)	Reconstruct - Conc.	1,320	893	1,179,000	0	1,117,200	61,800
WisDOT Let: S. 100 St.: W. Schlinger Ave. to W. Walker St.	Reconstruct - Conc.	0	0	0	0	0	0
WisDOT Let: W. Schlinger Ave.: S. 98 St. to S. 100 St.	Reconstruct - Conc.	0	0	0	0	0	0
STREETS SUBTOTAL				6,391,000	318,000	4,598,800	2,110,200
ALLEYS							
S. 58 St. - S. 59 St.: W. Greenfield Ave. - W. Lapham St.	14' Conc. Alley	933	90	84,000	0	50,000	34,000
S. 91 St. - S. 92 St.: W. Montana Ave. to W. Dakota St.	20' Conc. Alley	872	100	87,000	0	57,000	30,000
S. 90 St. - S. 91 St.: W. Rogers St. - W. Becher St.	14' Conc. Alley	120	90	11,000	0	6,000	5,000
S. 94 St. - S. 96 St.: W. Harding Pl. - W. Cleveland Ave.	18' Conc. Alley	708	95	67,000	0	43,000	24,000
ALLEYS SUBTOTAL				249,000	0	156,000	93,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			221,800	0	39,000	182,800
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Bridge Inspection				29,000	0	0	29,000
Special Assessment Clerk Salary and Benefits				85,000	0	0	85,000
OTHER MAJOR PROJECTS SUBTOTAL				585,800	0	39,000	546,800
C/D: PROJECTS							
WisDOT Let: Cross Town Connector - Phase 3 (Construction Only) (D)				600,000		600,000	0
TOTAL				7,825,800	318,000	5,393,800	2,750,000

- A - City of New Berlin Funds (50% of total cost)
- B - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- C - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)
- D - WisDOT CMAQ Funds (80% of total cost), CDBG Funds

2019
CITY OF WEST ALLIS
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Dec. 9, 2014

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 80 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	2,059	285	587,000	72,000	217,000	442,000
W. Lapham St.: S. 56 St. to S. 60 St.	Reconstruct - Conc.	1,268	285	361,000	44,000	53,000	352,000
S. 59 St.: W. Beloit Rd. to W. Mobile St.	Reconstruct - Conc.	898	285	256,000	31,000	95,000	192,000
W. Grant St.: S. 60 St. to W. Beloit Rd.	Reconstruct - Conc.	1,743	285	497,000	61,000	73,000	485,000
S. 55 St.: W. Mobile St. to W. Electric Ave.	Reconstruct - Conc.	634	285	181,000	22,000	67,000	136,000
S. 80 St.: W. Grant St. to W. Lincoln Ave.	Minor Resurface	581	100	58,000	3,000	41,000	20,000
S. 86 St.: W. Cleveland Ave. to S. Osage Ave.	Concrete - New	1,057	285	301,000	37,000	186,000	152,000
S. Dakota Ave.: S. Osage Ave. to S. Orleans Ave.	Concrete - New	686	285	196,000	24,000	120,000	100,000
W. National Ave.: S. 62 St. to S. 65 St.	Reconstruct - Conc.	1,004	360	361,000	35,000	132,000	264,000
W. Cleveland Ave.: S. 72 St. to S. 76 St.	Major Resurface	1,531	200	306,000	8,000	134,000	180,000
STREETS SUBTOTAL				3,104,000	337,000	1,118,000	2,323,000
ALLEYS							
				0	0	0	0
ALLEYS SUBTOTAL				0	0	0	0
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			132,000	0	40,000	92,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000		0	85,000
OTHER MAJOR PROJECTS SUBTOTAL				467,000	0	40,000	427,000
C.D. PROJECTS							
TOTAL				3,571,000	337,000	1,158,000	2,750,000

2020
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
5 YEAR PROGRAM - 2016 TO 2020

Dec. 9, 2014

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 62 St.: N/O W. Mineral St. to W. Greenfield Ave.	Reconstruct - Conc.	1,796	285	512,000	63,000	189,000	386,000
W. Rogers St.: S. 76 St. to S. 84 St.	Reconstruct - Conc.	2,640	285	752,000	92,000	111,000	733,000
W. Beloit Rd.: W. Mobile St. to 68 St.	Reconstruct - Conc.	2,693	375	1,010,000	94,000	284,000	820,000
W. Electric Ave.: W. Mobile St. to S. 55 St.	Major Resurface	1,214	175	212,000	6,000	160,000	58,000
S. 116 St: W. Greenfield Ave. to Union Pacific Railroad	Concrete Repair	2,323	75	174,000	12,000	55,000	131,000
W. Lincoln Ave.: S. 91 St. to S. 96 St.	Major Resurface	1,796	200	359,000	9,000	177,000	191,000
STREETS SUBTOTAL				3,019,000	276,000	976,000	2,319,000
ALLEYS							
ALLEYS SUBTOTAL				0	0	0	0
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			107,000	0	40,000	67,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Bridge Inspection				29,000	0	0	29,000
Special Assessment Clerk Salary and Benefits				85,000		0	85,000
OTHER MAJOR PROJECTS SUBTOTAL				471,000	0	40,000	431,000
C.D. PROJECTS							
TOTAL							
				3,490,000	276,000	1,016,000	2,750,000