

**CITY OF WEST ALLIS**

**ENGINEERING DEPARTMENT**

**PROPOSED 5-YEAR PAVING PROGRAM**

**2011 TO 2015**

**MICHAEL LEWIS, P.E.  
CITY ENGINEER**

**January 2010**

2011  
CITY OF WEST ALLIS  
ENGINEERING DEPARTMENT  
5 YEAR PROGRAM - 2011 TO 2015

January 1, 2010

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
<b>STREETS</b>							
S. 77 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	1,848	235	434,000	37,000	160,000	311,000
W. Ohio Ave.: S. 122 St. to S. 119 St.	Reconstruct - Conc.	1,100	235	259,000	22,000	95,000	186,000
W. Holt Ave.: S. 122 St. to S. 119 St.	Reconstruct - Conc.	900	235	212,000	18,000	78,000	152,000
W. Lapham St.: S. 73 St. to S. 76 St.	Reconstruct - Conc.	822	235	193,000	16,000	71,000	138,000
W. Grant St.: S 84 St. to S. 90 St.	Reconstruct - Conc.	2,008	235	472,000	40,000	70,000	442,000
S. 85 St.: W. Grant St. to W. Becher St.	Reconstruct - Conc.	845	235	199,000	17,000	73,000	143,000
S. 86 St.: W. Grant St. to W. Becher St.	Reconstruct - Conc.	845	235	199,000	17,000	73,000	143,000
W. Mitchell St.: S. 108 St. to 860' W/O S. 108 St.	Major Resurface	860	150	129,000	4,000	78,000	55,000
S. 77 St.: W. Grant St. to W. Lincoln Ave.	Minor Resurface	528	150	79,000	3,000	31,000	51,000
S. 80 St.: W. Grant St to 581' N/O W. Grant St.	Minor Resurface	581	150	87,000	3,000	34,000	56,000
WisDOT Let: S. 60 St.: North City Limits to W. Lincoln Ave. ( Construction Only) (A)	Reconstruct - Conc.			453,000		430,000	23,000
WisDOT Let: W. Greenfield Ave.: S. 60 St. to S. 62 St. ( Construction Only) (B)	Reconstruct - Conc.			0		0	0
WisDOT Let: W. National Ave.: S. 85 St. to S. 92 St. ( Construction Only) (C)	Reconstruct - Conc.			300,000	0	175,000	125,000
WisDOT Let: S. 76 St.: NCL to W. Greenfield Ave. ( Engineering Only) (D)	Minor Resurface			15,000	0	0	15,000
WisDOT Let: W. Greenfield Ave.: IH-894 to S. 124 St. (Engineering Only) (E)	Major Resurface			0	0	0	0
WisDOT Let: W. Oklahoma Ave.: S. 76 St. to S. 108 St. (Engineering Only) (F)	Major Resurface			0	0	0	0
WisDOT Let: Zoo Interchange and I-94 (Engineering Only) (G)	Reconstruct			0	0	0	0
<b>STREETS SUBTOTAL</b>				3,031,000	177,000	1,368,000	1,840,000
<b>ALLEYS</b>							
Alleys	10 Alleys			469,000	10,000	116,000	363,000
S. 73 St. - S. 74 St.: W. Walker St. to 314' N/O W. Walker St. (North/South Alley ONLY)	15' Conc. Alley	314	85	27,000	0	14,000	13,000
S. 74 St. - S. 75 St.: W. Becher St. - W. Grant St.	14' Conc. Alley	594	85	50,000	0	26,000	24,000
<b>ALLEYS SUBTOTAL</b>				546,000	10,000	156,000	400,000
<b>OTHER MAJOR PROJECTS</b>							
10 Year Sidewalk Program				200,000	5,000	50,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000	0	0	85,000
<b>OTHER MAJOR PROJECTS SUBTOTAL</b>				535,000	5,000	50,000	485,000
<b>C.D. PROJECTS</b>							
				0			0
<b>TOTAL</b>				4,112,000	192,000	1,574,000	2,725,000

- A - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$4,522,000; Assessments = \$430,000 in 2010 after completion of a 2 year contract  
 B - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = (see above note)  
 C - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$1,200,000; Assessments = \$175,000  
 D - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$644,000; Assessments = \$135,000  
 E - WisDOT State Trunk Highway Funds  
 F - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$485,000; Milwaukee County funds (20%) = \$121,300  
 G - WisDOT Engineering Only 2007 - 2011 = \$28,000,000

2012  
CITY OF WEST ALLIS  
ENGINEERING DEPARTMENT  
5 YEAR PROGRAM - 2011 TO 2015

January 1, 2010

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
<b>STREETS</b>							
W. Schlinger Ave.: S. 89 St. to S. 92 St.	Major Resurface	951	150	143,000	5,000	69,000	79,000
S. 62 St.: W. Beloit Rd. to W. Lincoln Ave.	Minor Resurface	1,470	150	221,000	7,000	85,000	143,000
S. 63 St.: W. Beloit Rd. to W. Lincoln Ave.	Minor Resurface	1,267	150	190,000	6,000	73,000	123,000
S. 59 St.: W. Greenfield Ave. to W. Burnham St.	Reconstruct - Conc.	2,429	235	571,000	49,000	211,000	409,000
W. Madison St.: S. 76 St. to S. 77 St.	Reconstruct - Conc.	300	235	71,000	6,000	10,000	67,000
S. 89 St.: W. Becher St. to W. Lincoln Ave.	Reconstruct - Conc.	1,320	235	310,000	26,000	114,000	222,000
W. Rogers St.: S. 92 St. to E/O S. 89 St.	Reconstruct - Conc.	1,270	235	298,000	25,000	44,000	279,000
S. 101 St.: W. Greenfield Avenue to 158' S/O W. Maple St.	Major Resurface	2,166	150	325,000	11,000	157,000	179,000
S. 85 St.: W. Washington St. to W. Greenfield Ave.	Reconstruct - Conc.	1,214	235	285,000	24,000	105,000	204,000
W. National Avenue: S. 82 St. to S. 84 St.	Major Resurface	1,000	150	150,000	5,000	36,000	119,000
WisDOT Let: S. 76 St.: NCL to W. Greenfield Ave. (Construction Only) (A)	Minor Resurface			805,000	0	779,000	26,000
WisDOT Let: W. Greenfield Ave.: IH-894 to S. 124 St. (Construction Only) (B)	Major Resurface			0	0	0	0
WisDOT Let: W. Oklahoma Ave.: S. 76 St. to S. 108 St. (Construction Only) (C)	Major Resurface			0	0	0	0
WisDOT Let: Zoo Interchange and I-94 (Construction Only) (D)	Reconstruct			0	0	0	0
<b>STREETS SUBTOTAL</b>				<b>3,369,000</b>	<b>164,000</b>	<b>1,683,000</b>	<b>1,850,000</b>
<b>ALLEYS</b>							
Alleys	10 Alleys			476,000	10,000	116,000	370,000
S. 59 St. - S. 60 St.: W. Grant St. - W. Lincoln Ave.	14' Conc. Alley	724	85	62,000	0	32,000	30,000
<b>ALLEYS SUBTOTAL</b>				<b>538,000</b>	<b>10,000</b>	<b>148,000</b>	<b>400,000</b>
<b>OTHER MAJOR PROJECTS</b>							
10 Year Sidewalk Program				200,000	0	50,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000	0	0	85,000
<b>OTHER MAJOR PROJECTS SUBTOTAL</b>				<b>535,000</b>	<b>0</b>	<b>50,000</b>	<b>485,000</b>
<b>C.D. PROJECTS</b>							
				0			0
<b>TOTAL</b>				<b>4,442,000</b>	<b>174,000</b>	<b>1,881,000</b>	<b>2,735,000</b>

A - WisDOT Surface Transportation Program (STP) Funds (80% of total cost)

B - WisDOT State Trunk Highway Funds

C - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$485,000; Milwaukee County funds (20%) = \$121,300

D - WisDOT Construction Only: 2012 - 2016 = \$2,600,000,000

2013  
CITY OF WEST ALLIS  
ENGINEERING DEPARTMENT  
5 YEAR PROGRAM - 2011 TO 2015

January 1, 2010

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
<b>STREETS</b>							
S. 82 St.: W. Orchard St. to W. National Ave.	Reconstruct - Conc.	1,637	235	385,000	33,000	142,000	276,000
W. Washington St.: S. 70 St. to S. 77 St.	Reconstruct - Conc.	2,000	235	470,000	40,000	69,000	441,000
W. Wildwood Terr.: S. 99 St. to Dead End	Minor Resurface	475	130	62,000	2,000	27,000	37,000
W. Wildwood Ct: S. 99 St. to Dead End	Minor Resurface	264	130	34,000	1,000	15,000	20,000
W. Burnham St.: S. 82 St. to S. 84 St.	Minor Resurface	528	130	69,000	3,000	31,000	41,000
S. 87 St.: W. Greenfield Ave. to W. Orchard St.	Reconstruct - Conc.	740	235	174,000	15,000	64,000	125,000
W. Cleveland Ave.: S. 101 St. to W. National Ave.	Major Resurface	1,900	225	428,000	10,000	137,000	301,000
S. 85 St.: W. Montana Ave. to S. Osage Ave.	Concrete - New	1,003	235	236,000	20,000	145,000	111,000
S. 86 St.: W. Cleveland Ave. to S. Osage Ave.	Concrete - New	1,057	235	248,000	21,000	153,000	116,000
S. Dakota Ave.: S. Osage Ave. to S. Orleans Ave.	Concrete - New	686	235	161,000	14,000	99,000	76,000
S. 96 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	130	172,000	7,000	76,000	103,000
S. 94 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	130	172,000	7,000	76,000	103,000
S. 97 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	130	172,000	7,000	76,000	103,000
WisDOT Let: W. Oklahoma Ave.: S. 76 St. to S. 108 St. (Construction Only) (A)	Major Resurface			0		0	0
WisDOT Let: Zoo Interchange and I-94 (Construction Only) (B)	Reconstruct			0		0	0
<b>STREETS SUBTOTAL</b>				2,783,000	180,000	1,110,000	1,853,000
<b>ALLEYS</b>							
Alleys	13 Alleys			506,000	10,000	116,000	400,000
<b>ALLEYS SUBTOTAL</b>				506,000	10,000	116,000	400,000
<b>OTHER MAJOR PROJECTS</b>							
10 Year Sidewalk Program	Sidewalk			200,000	5,000	50,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000		0	85,000
<b>OTHER MAJOR PROJECTS SUBTOTAL</b>				535,000	5,000	50,000	485,000
<b>C.D. PROJECTS</b>							
				0			0
<b>TOTAL</b>				3,824,000	195,000	1,276,000	2,738,000

A - WisDOT Surface Transportation Program (STP) Funds (80% of total cost); Milwaukee County funds (20%)

B - WisDOT Construction Only: 2012 - 2016 = \$2,600,000,000

2014  
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January 1, 2010

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
<b>STREETS</b>							
W. Madison St.: S. 58 St. to S. 65 St.	Reconstruct - Conc.	2,000	235	470,000	40,000	69,000	441,000
S 62 St.: W. Madison St. to W. Greenfield Ave.	Reconstruct - Conc.	528	235	124,000	11,000	46,000	89,000
Oklahoma Ave.: S. Waukesha Rd. to S. 124 St.	Major Resurface	2,500	175	438,000	13,000	90,000	361,000
S. 77 St.: W. Beloit Rd. to W. Arthur Ave.	Minor Resurface	1,003	140	140,000	5,000	58,000	87,000
S. 78 St.: W. Lincoln Ave. to W. Beloit Rd.	Minor Resurface	2,700	140	378,000	14,000	156,000	236,000
S. 79 St.: W. Lincoln Ave. to W. Arthur Ave.	Minor Resurface	1,300	140	182,000	7,000	75,000	114,000
S. 80 St.: W. Hayes Ave. to W. Arthur Ave.	Minor Resurface	739	140	103,000	4,000	43,000	64,000
S. 81 St.: W. Lincoln Ave. to W. Arthur Ave.	Minor Resurface	1,320	140	185,000	7,000	76,000	116,000
W. Bennett Ave.: S. 74 St. to Dead End	Minor Resurface	370	140	52,000	2,000	21,000	33,000
W. Hicks St.: S. 76 St. to S. 81 St.	Reconstruct - Conc.	1,742	235	409,000	35,000	151,000	293,000
WisDOT Let: Zoo Interchange and I-94 (Construction Only) (A)	Reconstruct			0		0	0
<b>STREETS SUBTOTAL</b>				2,481,000	138,000	785,000	1,834,000
<b>ALLEYS</b>							
Alleys	13 Alleys			506,000	10,000	116,000	400,000
<b>ALLEYS SUBTOTAL</b>				506,000	10,000	116,000	400,000
<b>OTHER MAJOR PROJECTS</b>							
10 Year Sidewalk Program	Sidewalk			200,000	5,000	50,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				85,000		0	85,000
<b>OTHER MAJOR PROJECTS SUBTOTAL</b>				535,000	5,000	50,000	485,000
<b>C.D. PROJECTS</b>							
				0			0
<b>TOTAL</b>				3,522,000	153,000	951,000	2,719,000

A - WisDOT Construction Only: 2012 - 2016 = \$2,600,000,000

2015  
CITY OF WEST ALLIS  
ENGINEERING DEPARTMENT  
5 YEAR PROGRAM - 2011 TO 2015

January 1, 2010

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
<b>STREETS</b>							
S. 119 St.: W. Oklahoma Ave. to W. Ohio Ave.	Reconstruct - Conc.	1,426	235	335,000	29,000	124,000	240,000
W. Euclid Ave.: S. Villa Ct. to S. 119 St.	Reconstruct - Conc.	264	235	62,000	5,000	23,000	44,000
W. Lakefield Ave.: S. 122 St. to Dead End East of S. 119 St.	Reconstruct - Conc.	1,162	235	273,000	23,000	101,000	195,000
S. 79 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	2,006	235	471,000	40,000	174,000	337,000
W. Greenfield Ave.: S. 56 St. to S. 60 St.	Major Resurface	1,268	150	190,000	6,000	92,000	104,000
W. Montana Ave.: W. 84 St. to S. 88 St.	Reconstruct - Conc.	1,478	235	347,000	30,000	128,000	249,000
W. Washington St.: S. 60 St. to S. 65 St.	Reconstruct - Conc.	1,532	235	360,000	31,000	133,000	258,000
S. 56 St.: W Grant St. to W. Lincoln Ave.	Reconstruct - Conc.	686	235	161,000	14,000	59,000	116,000
S. 72 St.: W. Beloit Rd. to Kinnickinnic River Parkway	Minor Resurface	3,250	150	488,000	16,000	188,000	316,000
<b>STREETS SUBTOTAL</b>				2,687,000	194,000	1,022,000	1,859,000
<b>ALLEYS</b>							
Alleys	13 Alleys			506,000	10,000	116,000	400,000
<b>ALLEYS SUBTOTAL</b>				506,000	10,000	116,000	400,000
<b>OTHER MAJOR PROJECTS</b>							
10 Year Sidewalk Program	Sidewalk			200,000	5,000	50,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefit:				85,000	0	0	85,000
<b>OTHER MAJOR PROJECTS SUBTOTAL</b>				535,000	5,000	50,000	485,000
<b>C.D. PROJECTS</b>							
				0			0
<b>TOTAL</b>				3,728,000	209,000	1,188,000	2,744,000

A - WisDOT Construction Only: 2012 - 2016 = \$2,600,000,000