

CITY OF WEST ALLIS

ENGINEERING DEPARTMENT

PROPOSED 5-YEAR PAVING PROGRAM

2010 TO 2014

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

January 2009

2010
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
5 YEAR PROGRAM - 2010 TO 2014

January 14, 2009

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
W. Oklahoma Ave. Service Dr.: S. 72 St. to S. 74 St.	Service Dr. - Resurface	850	60	51,000	4,000	24,000	31,000
W. Oklahoma Ave. Service Drive: S. Stratton Dr. to S. 80 St.	Service Dr. - Resurface	560	60	34,000	3,000	16,000	21,000
W. Beloit Rd.: S. 84 St. to W. Oklahoma Ave.	Major Resurface	2,000	200	400,000	60,000	56,000	404,000
S. 117 St.: W. Lincoln Ave. to W. Cleveland Ave.	Major Resurface	2,640	160	422,000	13,000	185,000	250,000
S. 99 St.: W. Cleveland Ave. to W. Oklahoma Ave.	Conc. Pave Repair	2,500	50	125,000	13,000	42,000	96,000
W. Rogers St.: S. 68 St. to S. 76 St.	Reconstruct - Conc.	2,400	200	480,000	72,000	67,000	485,000
S. 85 St.: W. Lincoln Ave. to W. Hayes Ave.	Minor Resurface	475	60	29,000	2,000	11,000	20,000
S. 86 St.: W. Lincoln Ave. to S/O W. Hayes Ave.	Minor Resurface	633	60	38,000	3,000	14,000	27,000
WisDOT Let: S. 60 St.: North City Limits to W. Lincoln Ave. (Construction Only) (A)	Reconstruct - Conc.			452,000	0	0	452,000
WisDOT Let: W. Greenfield Ave.: S. 60 St. to S. 62 St. (Construction Only) (B)	Reconstruct - Conc.			0	0	0	0
WisDOT Let: W. National Ave.: S. 85 St. to S. 92 St. (Engineering Only) (C)	Reconstruct - Conc.			12,000	0	0	12,000
WisDOT Let: S. 76 St.: NCL to W. Greenfield Ave. (Engineering Only) (D)	Minor Resurface			15,000	0	0	15,000
WisDOT Let: W. Oklahoma Ave.: S. 76 St. to S. 108 St. (Engineering Only) (E)	Major Resurface			0	0	0	0
WisDOT Let: Zoo Interchange and I-94 (Engineering Only) (F)	Reconstruct			0	0	0	0
STREETS SUBTOTAL				2,058,000	170,000	415,000	1,813,000
ALLEYS							
Alleys	13 Alleys			723,000	0	400,000	323,000
S. 73 St. - S. 74 St.: W. Walker St. to 314' N/O W. Walker St. (North/South Alley ON	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
S. 57 St. - S. 58 St.: W. Burnham St. - W. Rogers St.	15' Conc. Alley	838	85	71,000	0	37,000	34,000
ALLEYS SUBTOTAL				871,000	0	477,000	394,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program				300,000	0	100,000	200,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				60,000	0	0	60,000
OTHER MAJOR PROJECTS SUBTOTAL				610,000	0	100,000	510,000
C.D. PROJECTS							
Cross Town Bicycle Trail (WisDOT funded SMIP)(G)	Bike Trail			22,000	0	22,000	0
STH 100 Bicycle Bridge (WisDOT funded CMAQ)(H)	Bike Bridge			32,200	0	32,200	0
WisDNR Let: Hank Aaron State Bike Trail (WisDOT funded CMAQ)(I)	Bike Trail			0	0	0	0
TOTAL				3,593,200	170,000	1,046,200	2,717,000

- 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) = \$229,239 - \$96,222 = \$133,017 * 0.80 = \$106,414
 D - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$57,000 for three years
 E - WisDOT Surface Transportation Program (STP) Funds (80% of total cost) = \$485,000; Milwaukee County funds (20%) = \$121,300
 F - WisDOT Engineering Only 2007 - 2011 = \$28,000,000

2011
CITY OF WEST ALLIS
ENGINEERING DEPARTMENT
5 YEAR PROGRAM - 2010 TO 2014

January 14, 2009

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 77 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	1,848	200	370,000	55,000	156,000	269,000
S. 85 St.: W. Washington St. to W. Greenfield Ave.	Reconstruct - Conc.	1,214	200	243,000	36,000	102,000	177,000
W. Ohio Ave.: S. 122 St. to S. 119 St.	Reconstruct - Conc.	1,100	200	220,000	33,000	93,000	160,000
W. Holt Ave.: S. 122 St. to S. 119 St.	Reconstruct - Conc.	900	200	180,000	27,000	76,000	131,000
W. Lapham St.: S. 73 St. to S. 76 St.	Reconstruct - Conc.	822	200	164,000	25,000	28,000	161,000
W. Madison St.: S. 76 St. to S. 77 St.	Reconstruct - Conc.	300	200	60,000	9,000	10,000	59,000
S. 68 St.: W. Lincoln Ave. to W. Arthur Ave.	Major Resurface	1,430	160	229,000	7,000	75,000	161,000
W. National Ave.: S. 67 St. to S. 70 St.	Major Resurface	1,200	200	240,000	36,000	34,000	242,000
W. Mitchell St.: S. 108 St. to 860' W/O S. 108 St.	Major Resurface	860	175	151,000	4,000	24,000	131,000
S. 77 St.: W. Grant St. to W. Lincoln Ave.	Minor Resurface	528	60	32,000	3,000	30,000	5,000
S. 80 St.: W. Grant St. to 581' N/O W. Grant St.	Minor Resurface	581	60	35,000	3,000	33,000	5,000
S. 87 St.: W. Greenfield Ave. to W. Lapham St.	Reconstruct - Conc.	1,162	200	232,000	35,000	98,000	169,000
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
STREETS SUBTOTAL				2,924,000	273,000	1,364,000	1,833,000
ALLEYS							
Alleys	10 Alleys			506,000	10,000	116,000	400,000
ALLEYS SUBTOTAL				506,000	10,000	116,000	400,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program				300,000	5,000	100,000	200,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				60,000		0	60,000
OTHER MAJOR PROJECTS SUBTOTAL				610,000	5,000	100,000	510,000
C.D. PROJECTS							
				0			0
TOTAL				4,040,000	288,000	1,580,000	2,743,000

- 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
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January 14, 2009

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
W. Schlinger Ave.: S. 89 St. to S. 92 St.	Major Resurface	951	175	166,000	5,000	67,000	104,000
S. 62 St.: W. Beloit Rd. to W. Lincoln Ave.	Minor Resurface	1,470	100	147,000	7,000	82,000	72,000
S. 59 St.: W. Greenfield Ave. to W. Burnham St.	Reconstruct - Conc.	2,429	200	486,000	73,000	204,000	355,000
S. 89 St.: W. Becher St. to W. Lincoln Ave.	Reconstruct - Conc.	1,320	200	264,000	40,000	111,000	193,000
W. Rogers St.: S. 92 St. to E/O S. 89 St.	Reconstruct - Conc.	1,270	200	254,000	38,000	43,000	249,000
W. Lakefield Dr.: S. 119 St. to 264 E/O S. 119 St.	Reconstruct - Conc.	264	200	53,000	8,000	22,000	39,000
S. 101 St.: W. Greenfield Avenue to 158' S/O W. Maple St.	Major Resurface	2,166	175	379,000	11,000	61,000	329,000
S. 90 St.: W. Becher St. to W. Lincoln Ave.	Reconstruct - Conc.	1,150	200	230,000	35,000	97,000	168,000
S. 85 St.: W. Becher St. to W. Grant St.	Reconstruct - Conc.	845	200	169,000	25,000	71,000	123,000
W. Cleveland Ave.: S. 101 St. to W. National Ave.	Major Resurface	1,900	160	304,000	10,000	133,000	181,000
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
STREETS SUBTOTAL				3,257,000	252,000	1,670,000	1,839,000
ALLEYS							
Alleys	10 Alleys			506,000	10,000	116,000	400,000
ALLEYS SUBTOTAL				506,000	10,000	116,000	400,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program				300,000	0	100,000	200,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				60,000		0	60,000
OTHER MAJOR PROJECTS SUBTOTAL				610,000	0	100,000	510,000
C.D. PROJECTS							
				0			0
TOTAL				4,373,000	262,000	1,886,000	2,749,000

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
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January 14, 2009

LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
S. 82 St.: W. Orchard St. to W. National Ave.	Reconstruct - Conc.	1,637	200	327,000	49,000	138,000	238,000
W. Washington St.: S. 70 St. to S. 77 St.	Reconstruct - Conc.	2,000	200	400,000	60,000	67,000	393,000
W. Greenfield Ave.: S. 56 St. to S. 60 St.	Major Resurface	1,200	175	210,000	6,000	34,000	182,000
W. Burnham St.: S. 82 St. to S. 84 St.	Minor Resurface	528	60	32,000	3,000	30,000	5,000
S. 119 St.: W. Oklahoma Ave. to W. Ohio Ave.	Reconstruct - Conc.	1,426	200	285,000	43,000	120,000	208,000
W. Euclid Ave.: S. Villa Ct. to S. 119 St.	Reconstruct - Conc.	264	200	53,000	8,000	22,000	39,000
W. Lakefield Ave.: S. 119 St. to S. 122 St.	Reconstruct - Conc.	898	200	180,000	27,000	76,000	131,000
W. Montana Ave.: W. 84 St. to S. 88 St.	Reconstruct - Conc.	1,478	200	296,000	44,000	124,000	216,000
S. 85 St.: W. Montana Ave. to S. Osage Ave.	Concrete - New	1,003	200	201,000	30,000	141,000	90,000
S. 86 St.: W. Cleveland Ave. to S. Osage Ave.	Concrete - New	1,057	200	211,000	32,000	148,000	95,000
S. Dakota Ave.: S. Osage Ave. to S. Orleans Ave.	Concrete - New	686	200	137,000	21,000	96,000	62,000
S. 96 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	100	132,000	7,000	74,000	65,000
S. 94 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	100	132,000	7,000	74,000	65,000
S. 97 St.: W. Greenfield Ave. to W. Lapham St.	Minor Resurface	1,320	100	132,000	7,000	74,000	65,000
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
STREETS SUBTOTAL				2,728,000	344,000	1,218,000	1,854,000
ALLEYS							
Alleys	13 Alleys			506,000	10,000	116,000	400,000
ALLEYS SUBTOTAL				506,000	10,000	116,000	400,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			250,000	5,000	100,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				60,000		0	60,000
OTHER MAJOR PROJECTS SUBTOTAL				560,000	5,000	100,000	460,000
C.D. PROJECTS							
				0			0
TOTAL				3,794,000	359,000	1,434,000	2,714,000

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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LOCATION	PAVEMENT TYPE	PAVEMENT LENGTH (FT.)	COST/FT.	PAVING COST	STREET LIGHTING	ASSESSMENTS & OTHER FUNDS	NET COST
STREETS							
W. Madison St.: S. 58 St. to S. 65 St.	Reconstruct - Conc.	2,000	200	400,000	60,000	67,000	393,000
W. Mitchell St.: S. 92 St. to S. 96 St.	Reconstruct - Conc.	1,400	200	280,000	42,000	118,000	204,000
Oklahoma Ave.: S. Waukesha Rd. to S. 124 St.	Major Resurface	2,500	160	400,000	75,000	88,000	387,000
S. 78 St.: W. Lincoln Ave. to W. Beloit Rd.	Reconstruct - Conc.	2,700	200	540,000	81,000	227,000	394,000
S. 79 St.: W. Lincoln Ave. to W. Arthur Ave.	Reconstruct - Conc.	1,300	200	260,000	39,000	109,000	190,000
S. 79 St.: W. Greenfield Ave. to W. National Ave.	Reconstruct - Conc.	2,100	200	420,000	63,000	177,000	306,000
WisDOT Let: Zoo Interchange and I-94 (Construction Only) (A)	Reconstruct			0		0	0
STREETS SUBTOTAL				2,300,000	360,000	786,000	1,874,000
ALLEYS							
Alleys	13 Alleys			506,000	10,000	116,000	400,000
ALLEYS SUBTOTAL				506,000	10,000	116,000	400,000
OTHER MAJOR PROJECTS							
10 Year Sidewalk Program	Sidewalk			250,000	5,000	100,000	150,000
Pavement Patching and Repair	Concrete Repair			250,000	0	0	250,000
Special Assessment Clerk Salary and Benefits				60,000		0	60,000
OTHER MAJOR PROJECTS SUBTOTAL				560,000	5,000	100,000	460,000
C.D. PROJECTS							
				0			0
TOTAL				3,366,000	375,000	1,002,000	2,734,000

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