

STANDALONE STREET RESURFACING AND RECONSTRUCTION PROGRAM: 2012 - 2021
CURRENT PROGRAM FOR 2011 REVIEW
(LAST REVIEWED BY THE CAPITAL IMPROVEMENTS COMMISSION IN NOVEMBER 2010)
INTRODUCTION and ANNOTATIONS

DEFINITIONS AND TERMS:

SEGMENT: Street or roadway segment undergoing rehabilitation

PCI - 2000: The Pavement Condition Rating as formulated during studies conducted in 2000 and 2001

PCI - 2004: Pavement Condition Rating as formulated during the comprehensive digital picture survey performed in June 2004

PCI - 2008: Pavement Condition Rating as formulated during the comprehensive digital picture survey performed in June 2008

The pavement condition rating for a roadway segment is determined by the Pavement Condition Index, or PCI, which is a numerical indicator based on scale of 0 to 100 (with 100 for a newly paved street and 0 for a completely failed street).

The PCI is a measure of the pavement's structural integrity and surface operating condition.

LENGTH: Length of the roadway segment in feet

AREA: Pavement area in square yards

TYPE OF REHABILITATION: The proposed level of rehabilitation anticipated for the roadway segment:

FULL RECONSTRUCTION - Complete rebuilding of the roadway with either concrete or full-depth Reconstruction

TYPE IA RESURFACING - Limited curb repairs; removal and replacement of Reconstruction surface

TYPE IB RESURFACING - More extensive spot curb repairs; removal and replacement of Reconstruction surface

TYPE IC RESURFACING - Curb installation or replacement on one side only; base repair; replacement of Reconstruction surface;
Special drainage or construction considerations

TYPE II RESURFACING - Full curb replacement; most driveway approaches will be replaced; more extensive parkway restoration; removal and replacement of Reconstruction surface

TYPE IIA RESURFACING - Full curb replacement; most driveway approaches will be replaced; more extensive parkway restoration; removal and replacement of Reconstruction surface; and complete replacement of the roadway base.

ESTIMATED COST: The estimated total cost of street rehabilitation construction, including an allowance for inflation and scope of work adjustments.

The assumed Inflation Rate is equal to

7.5%

Type	Unit Costs (\$/SY) (2006 Basis)
Alley	\$85
Reconstruction	\$200
Type IA	\$25
Type IB	\$30
Type IC	\$55
Type II	\$85
Type IIA	\$145

PROGRAM COST SUMMARY				
Year	Street Resurfacing	Street Reconstruction	Total Cost	Total Miles
2012	\$229,748	\$3,379,293	\$3,609,041	0.98
2013	\$4,521,584	\$0	\$4,521,584	2.31
2014	\$4,580,390	\$1,037,826	\$5,618,216	3.46
2015	\$3,839,357	\$3,332,456	\$7,171,813	3.24
2016	\$3,932,543	\$5,353,874	\$9,286,417	5.01
2017	\$1,794,910	\$3,500,662	\$5,295,572	1.79
2018	\$2,789,879	\$3,245,995	\$6,035,874	1.80
2019	\$7,207,204	\$0	\$7,207,204	2.78
2020	\$3,402,833	\$1,807,805	\$5,210,638	2.37
2021	\$3,608,099	\$2,103,170	\$5,711,269	1.36
Totals	\$35,906,548	\$23,761,081	\$59,667,629	25.09

CURRENT PROGRAM FOR 2011 REVIEW

Year: 2012 (FY - 13)

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Rehabilitation	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Pleasant: Cottage to Hawthorne	59	68	63	462	1,027	Type IIA	\$229,748
STREET RESURFACING TOTAL				462	0.09 miles		\$229,748
STREET RECONSTRUCTION							
Hawthorne: Village Limits to Kenilworth	49	58	46	597	1,658	Reconstruction	\$511,862
Hawthorne: Kenilworth to Western	54	34	37	1,487	3,452	Reconstruction	\$1,065,541
Hawthorne: Western to Main	59	45	42	1,408	3,129	Reconstruction	\$965,764
Hawthorne: Main to Park	47	47	87	707	1,571	Reconstruction	\$484,940
Hawthorne: Park to N. Ellyn	19	15	71	512	1,138	Reconstruction	\$351,187
STREET RECONSTRUCTION TOTAL				4,711	0.89 miles		\$3,379,293
GRAND TOTALS				5,173	0.98 miles		\$3,609,041

CURRENT PROGRAM FOR 2011 REVIEW**Year: 2013 (FY - 14)**

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Lenox: Hawthorne to Oak	65	64	61	2,034	5,424	Type IIA	\$1,304,809
Grandview: Smith to Hill	64	49	45	750	1,917	Type IIA	\$461,077
Euclid: Maple to Oak	68	73	59	630	1,400	Type II	\$197,427
Euclid: Hawthorne to Maple	70	79	74	1,345	2,989	Type II	\$421,491
Arbor Ct.: Glenwood to Main	59	57	68	341	758	Type II	\$106,862
Linden: Main to Lenox	64/54	75/48	67	1,057	2,349	Type II	\$331,254
Oak: Western to Main	82	82	86	2,041	4,535	Type IB	\$225,714
Country Club Lane: Hill to End of Cul-de-sac	67	57	52	552	1,533	Type IA	\$63,597
Taft, West End to Lambert	71	69	60	193	750	Type IA	\$31,107
Subtotal				8,943			3,143,338
Streets with PCI < 50							
Miller Ct.: Hill to Ridgewood	36	43	49	507	901	Type IB	\$44,862
Brandon: Hill to Hillside	48	48	66	1,262	2,804	Type IIA	\$674,641
Forest: Maple to Oak	58	48	37	644	1,431	Type IIA	\$344,271
Cranston Ct.: Fairview to East End	46	41	72	836	2,230	Type II	\$314,473
Subtotal				3,249			1,378,246
STREET RESURFACING TOTAL				12,192	2.31 miles		\$4,521,584
STREET RECONSTRUCTION							
STREET RECONSTRUCTION TOTAL				0	0.00 miles		\$0
GRAND TOTALS				12,192	2.31 miles		\$4,521,584

CURRENT PROGRAM FOR 2011 REVIEW**Year: 2014 (FY - 15)**

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Prairie: Oak to Geneva	59	51	35	893	1,985	Type II	\$300,917
Pleasant: Elm to Geneva	70	21	6	280	550	Type II	\$83,378
Euclid: Elm to Geneva	70	75	69	301	670	Type II	\$101,569
Highland: Elm to Geneva	70	86	84	403	760	Type II	\$115,213
Elm: Kenilworth to Western	54	42	35	1,668	3,707	Type IIA	\$958,561
Elm: Western to Main	68/62	80/73	73	1,843	3,760	Type IB	\$201,176
Cottage: Western to Pleasant	72	66	66	918	1,985	Type IIA	\$513,330
Montclair: Turner to Hill	70	76	60	508	1,140	Type IIA	\$294,809
Glenwood: Greenfield to Turner	70	81	81	1,138	2,783	Type II	\$421,891
Glenwood: Hill to Hillside	72	90	72	1,019	2,265	Type II	\$343,364
Ridgewood: Brandon to Main	71	75	68	1,533	3,405	Type II	\$516,183
Park: Roosevelt to Fairview*	67	67	51	1,857	5,160	Type IIA	\$730,000
Park: Fairview to UPRR Tracks*	51	98	82	4,612	12,300	Type IA	
* Eligible for Federal Funding: 2010 STP Application Construction Cost = \$1,620,000; Federal Amount = \$1,135,000							
Subtotal				16,973			\$4,580,390
STREET RESURFACING TOTAL				16,973	3.21 miles		\$4,580,390
STREET RECONSTRUCTION							
Chidester: Lenox to Riford	41	2	81	686	1,601	Reconstruction	\$570,951
Elm: Lenox to Riford	22	5	85	620	1,309	Reconstruction	\$466,875
STREET RECONSTRUCTION TOTAL				1,306	0.25 miles		\$1,037,826
GRAND TOTALS				18,279	3.46 miles		\$5,618,216

CURRENT PROGRAM FOR 2011 REVIEW**Year: 2015 (FY - 16)**

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Main: Hillside to Anthony (CBD)	81	90	84	1,681	7,879	Type IB	\$453,178
Pennsylvania: Prospect to Main (CBD)	80	88	84	985	4,700	Type IB	\$270,331
Pennsylvania: Main to Park (CBD)	81	71	88	997	4,874	Type IB	\$280,350
Crescent: Prospect to Main (CBD)	81	87	72	881	4,111	Type IB	\$236,472
Crescent: Main to Park (CBD)	81	76	81	979	4,533	Type IB	\$260,725
Forest: Crescent to Pennsylvania (CBD)	82	91	90	348	1,817	Type IB	\$104,528
Glenwood: Crescent to Pennsylvania (CBD)	81	92	90	272	1,511	Type IB	\$86,916
Prospect: Duane to Pennsylvania (CBD)	80	83	77	447	1,788	Type IB	\$102,841
Duane: Prospect to Main (CBD)	80	87	78	890	2,967	Type IIA	\$824,732
Duane: Main to Forest (CBD)	92	86	82	501	2,672	Type IB	\$153,686
CBD Subtotal				7,981	36,853		\$2,773,759
Kenilworth: Greenfield to Hill	71	74	69	976	2,169	Type IIA	\$602,951
Elm: Main to Park	78	84	80	777	1,727	Type IB	\$99,312
Park: Oak to Elm	78	95	87	728	1,625	Type IB	\$93,465
Forest: Hawthorne to Maple	81	68	65	1,384	3,076	Type IB	\$176,923
Euclid: Oak to Elm	80	67	64	648	1,440	Type IB	\$82,825
Center: Lorraine to East End	77	48	55	144	176	Type IB	\$10,123
Other Area Subtotal				4,657	10,213		\$1,065,599
STREET RESURFACING TOTAL				12,638	2.39 miles		\$3,839,357
STREET RECONSTRUCTION							
Highland: St. Charles to Railroad	40	100	89	1,600	3,550	Reconstruction	\$1,361,239
Lenox: St. Charles to North End	40	100	75	800	1,800	Reconstruction	\$690,206
Eastern: South End to St. Charles	20	24	27	500	1,111	Reconstruction	\$426,010
Crescent: Park to Lake *	77	75	72	1,590	6,091	Reconstruction	\$855,000
* Re-application Made in 2011 for Federal Funding: 2011 STP Application Construction Cost = \$1,900,000; Requested Federal Amount = \$1,330,000							
STREET RECONSTRUCTION TOTAL				4,490	0.85 miles		\$3,332,456
GRAND TOTALS				17,128	3.24 miles		\$7,171,813

STANDALONE STREET RESURFACING AND RECONSTRUCTION PROGRAM: 2012 - 2021

CURRENT PROGRAM FOR 2011 REVIEW

Year: 2016 (FY - 17)

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Brentwood Court: Montclair to East End	73	69	78	700	1,944	Type IA	\$100,190
Jonathan Court: Glenbard to South End	72	72	53	979	2,611	Type IA	\$134,517
Macintosh Court: Sheehan to South End	77	83	67	478	1,275	Type IA	\$65,678
Cortland Court: Sheehan to South End	78	67	52	451	1,203	Type IA	\$61,968
Braeburn Ct: Sheehan to South End	N/A	N/A	96	360	960	Type IA	\$49,465
Sheehan: IL Route 53 to Sunnybrook	77	73	59	1,900	5,100	Type IA	\$262,782
Derby Glen Dr: Glencoe to High Gate Course	75	70	59	1,240	4,600	Type IA	\$237,008
Glencoe: Geneva to Derby Glen	75	75	76	380	1,056	Type IA	\$54,387
Hatte Gray Court: Stableford to South End	75	81	69	394	1,389	Type IA	\$71,586
Hatte Gray Lane: Stableford to North End	75	81	83	178	494	Type IA	\$25,478
High Gate: Derby Glen to Stableford	75	74	64	480	1,333	Type IA	\$68,701
Stableford: High Gate to Derby Glen	75	53	58	1,210	3,361	Type IA	\$173,185
Summit: Geneva to Derby Glen	75	73	81	406	1,290	Type IA	\$66,475
Newton: St. Charles to Great Western	70	77	75	850	2,267	Type IA	\$116,809
Winslow Circle (Danby Woods Subd.)	70	78	71	1,492	4,324	Type IA	\$222,798
Elm: Riford to East End	81	46	43	797	1,771	Type IA	\$91,259
Chidester: Riford to East End	83	82	80	768	1,365	Type IA	\$70,350
Lincoln: Chidester to Elm	71	59	57	369	656	Type IA	\$33,801
Greenwood Ct: Roosevelt to North End	81	83	72	313	800	Type IA	\$41,214
Sheehan: Park to IL Route 53	73 / 80	87/94	84	2,206	5,638	Type IC	\$639,054
Brighton: Briar to Surrey	75	85	76	864	2,208	Type IB	\$136,523
Londonberry: Briar to Surrey	77	79	69	1,005	2,680	Type IB	\$165,707
Heather: Briar to Surrey	83	89	76	1,006	2,683	Type IB	\$165,872
Smith: May to Spring	68	56	45	857	2,285	Type IIA	\$682,969
Oak: Kenilworth to Western	85	93	87	1,698	3,150	Type IB	\$194,767
STREET RESURFACING TOTAL				21,381	4.05 miles		\$3,932,543
STREET RECONSTRUCTION							
Glenbard: IL Route 53 to Sunnybrook	44	16	31	1,841	3,682	Reconstruction	\$1,517,744
Sunnybrook: Glenbard to 920' South	48	7	50	920	2,204	Reconstruction	\$908,686
Buena Vista: South Park to Taylor	85	80	68	1,700	5,667	Reconstruction	\$2,335,973
South Ellyn: Buena Vista to Marston	61	100	86	587	1,435	Reconstruction	\$591,471
STREET RECONSTRUCTION TOTAL				5,048	0.96 miles		\$5,353,874
GRAND TOTALS				26,429	5.01 miles		\$9,286,417

STANDALONE STREET RESURFACING AND RECONSTRUCTION PROGRAM: 2012 - 2021

CURRENT PROGRAM FOR 2011 REVIEW

Year: 2017 (FY - 18)

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Lake Road: Crescent to Oak	67	76	64	2,194	5,119	Type IB	\$340,274
Traver: Harwarden to Hill	70	87	73	1,110	2,467	Type IIA	\$792,451
Cottage: Pleasant to Main	81	71	66	918	2,040	Type IB	\$135,595
Davis Terrace: Linden to South End	90	99	100	330	733	Type IIA	\$235,591
Raintree Drive: Greenbrier to West End	81	75	54	1,357	4,378	Type IB	\$290,998
STREET RESURFACING TOTAL				5,909	1.12 miles		\$1,794,910
STREET RECONSTRUCTION							
Kenilworth: Old 22nd to McCreedy	45	41	95	1,770	3,950	Reconstruction	\$1,750,331
Ott: Old 22nd to McCreedy	45	33/62	98	1,770	3,950	Reconstruction	\$1,750,331
STREET RECONSTRUCTION TOTAL				3,540	0.67 miles		\$3,500,662
GRAND TOTALS				9,449	1.79 miles		\$5,295,572

STANDALONE STREET RESURFACING AND RECONSTRUCTION PROGRAM: 2012 - 2021

CURRENT PROGRAM FOR 2011 REVIEW

Year: 2018 (FY - 19)

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Ramblewood: Lambert to Fawell	81 / 82	85/94	62	2,274	5,715	Type II	\$1,157,029
Orchard Lane: Lorraine to Lambert	81	82	69	1,488	4,133	Type IB	\$295,341
East: Fairview to High	80	93	87	1,032	2,293	Type IIA	\$791,906
Turner: Montclair to Taylor	90	94	86	743	1,923	Type IB	\$137,391
Plum Tree: Crescent to North End	95	87	79	789	2,016	Type II	\$408,213
STREET RESURFACING TOTAL				6,326	1.20 miles		\$2,789,879
STREET RECONSTRUCTION							
McCreey: Lorraine to Lambert	40	36	95	1,332	2,960	Reconstruction	\$1,410,014
Buena Vista: Lorraine to Lambert	40	45	92	1,332	2,960	Reconstruction	\$1,410,014
Old 22nd: Ott to Kenilworth	30	16	100	503	894	Reconstruction	\$425,968
STREET RECONSTRUCTION TOTAL				3,167	0.60 miles		\$3,245,995
GRAND TOTALS				9,493	1.80 miles		\$6,035,874

CURRENT PROGRAM FOR 2011 REVIEW**Year: 2019 (FY - 20)**

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Amy Ct.	N/A	85	83	805	2,994	Type IA	\$191,647
Lombard: Spring to East End	100	92	86	380	929	Type II	\$202,183
Spring: DuPage to Route 53	100	91	85	1,448	2,113	Type II	\$459,863
Grove: DuPage to Lombard	100	90	84	813	2,078	Type II	\$452,246
DuPage: Spring to Grove	100	90	83	386	944	Type II	\$205,448
Carleton: South End to DuPage			23	450	1,800	Type II	\$391,743
Carleton: Fairview to DuPage	97	100	87	765	1,894	Type IA	\$121,236
DuPage: Nicoll to Bryant	97	100	94	900	2,900	Type IC	\$408,386
Nicoll: Roosevelt to DuPage	51	73	88	1,854	5,974	Type IC	\$841,275
Main: Roosevelt to Fairview	100	100	92	1,832	5,256	Type IB	\$403,726
Windsor: Sawyer to Hillside	97	93	84	1,425	3,642	Type II	\$792,627
Sawyer: Lorraine to West End	97	96	80	524	1,397	Type II	\$304,036
Chesterfield: Lorraine to West End	100	88	81	698	1,784	Type II	\$388,261
Phillips: Lorraine to Vine	96	90	86	600	1,333	Type IIA	\$494,889
Vine: Hillside to Ridgewood	98	87	80	708	1,573	Type IIA	\$583,992
Ridgewood: Kenilworth to Brandon	100	94	85	1,064	2,601	Type IIA	\$965,647
STREET RESURFACING TOTAL				14,652	2.78 miles		\$7,207,204
STREET RECONSTRUCTION							
STREET RECONSTRUCTION TOTAL				0	0.00 miles		\$0
GRAND TOTALS				14,652	2.78 miles		\$7,207,204

CURRENT PROGRAM FOR 2011 REVIEW**Year: 2020 (FY - 21)**

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Duane St.: Lawrence to Dawn	100	89	81	710	1,814	Type II	\$424,399
Duane St.: Lorraine to West End	100	89	86	1,100	2,811	Type IA	\$193,428
Lawrence: Hillside to Duane	100	62	60	216	552	Type II	\$129,145
Evergreen Av: Duane to Hillside	100	100	83	537	1,313	Type II	\$307,187
Dawn Ave: Duane to Hillside	100	100	79	460	1,176	Type II	\$275,134
Kenilworth: Duane to Hillside	100	100	100	362	845	Type IC	\$127,920
Center St: Evergreen to Lorraine	9	95	92	463	1,183	Type II	\$276,772
Tanglewood Dr	99	90	83	2,450	4,900	Type IA	\$337,174
Woodview Ct	100	98	81	650	1,300	Type IA	\$89,454
Woodview Dr	100	98	87	165	715	Type IA	\$49,200
Baker Hill Dr	97	95	94	1,450	6,444	Type IA	\$443,419
Pleasant: Maple to Elm	90	95	89	1,250	2,500	Type II	\$275,134
Highland: Oak to Elm	100	88	86	616	1,369	Type II	\$197,694
Anthony St: West End to Kenilworth	100	98	90	593	1,318	Type II	\$276,772
STREET RESURFACING TOTAL				11,022	2.09 miles		\$3,402,833
STREET RECONSTRUCTION							
Ellyn Av: 22nd to Buena Vista	N/A	N/A	89	640	1,564	Reconstruction	\$860,964
Stacy: St. Charles to Emerson	N/A	N/A	77	540	1,080	Reconstruction	\$594,528
Emerson: Stacy to Main	N/A	N/A	81	320	640	Reconstruction	\$352,313
STREET RECONSTRUCTION TOTAL				1,500	0.28 miles		\$1,807,805
GRAND TOTALS				12,522	2.37 miles		\$5,210,638

STANDALONE STREET RESURFACING AND RECONSTRUCTION PROGRAM: 2012 - 2021

CURRENT PROGRAM FOR 2011 REVIEW

Year: 2021 (FY - 22)

Segment	PCI - 2000	PCI - 2004	PCI - 2008	Length (ft)	Area (SY)	Type of Resurfacing	Street Rehabilitation Cost (Current Year \$'s)
STREET RESURFACING							
Critical PCI Streets (PCI ≥ 50)							
Colcord Pl.: Crescent to North End	9	91	91	256	1,110	Type II	\$279,170
Crescent Drive: Crescent to North End	95	100	82	310	1,325	Type II	\$333,244
Spalding Ct: West End to Montclair	100	100	90	167	334	Type IA	\$24,707
Carleton: Hill to North End	100	100	96	385	898	Type II	\$225,851
Van Damin: Highview to North End	100	89	86	474	948	Type II	\$238,426
Shady Lane: Indian to East End	100	99	92	468	1,144	Type IIA	\$490,819
Indian Drive: Roslyn to Shady	100	99	92	666	1,702	Type IIA	\$730,221
Glen Haven Ln: Ellyn to East End	100	100	94	287	765	Type II	\$192,401
Pershing: Main to Park	100	100	96	1,462	3,736	Type II	\$939,621
Glen Arbor: West End to Bloomingdale	N/A	100	95	565	1,233	Type IA	\$91,207
Marston: West End to Maple	N/A	100		365	844	Type IA	\$62,432
STREET RESURFACING TOTAL				5,405	1.02 miles		\$3,608,099
STREET RECONSTRUCTION							
Clifton: Roger to East End	N/A	N/A	76	248	496	Reconstruction	\$293,521
Valley: South End to Surrey	N/A	N/A	62	1,516	3,058	Reconstruction	\$1,809,649
STREET RECONSTRUCTION TOTAL				1,764	0.33 miles		\$2,103,170
GRAND TOTALS				7,169	1.36 miles		\$5,711,269

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October 25, 2011