

— O H I O —

HUDSON

ADMINISTRATION • 115 Executive Parkway, Suite 400 • Hudson, Ohio 44236 • (330) 342-1700

July 19, 2019

Mayor Basil and members of Council.

Council has long held the road program as a high priority for Hudson and you all have repeatedly approved additional funding as our revenues have grown. Staff is comfortable that the increases to our income tax revenue is long term rather than a reflection of the reporting changes over that last 2 years. In addition, the gas tax increase is estimated to bring an additional \$500,000 annually to our roadway infrastructure. These 2 items alone provide us the ability to recommend the following revisions to our annual road program:

1. Issue a \$5 million bond for the repaving of the arterial and major collector roads (please see attached map for reference). These roads are heavily trafficked creating higher wear and tear than the local residential roads. They are also the more costly to resurface. One of these roads could take a major portion of our annual program which eliminates the ability to repave the neighborhood roads. With the major roads repaved via a bond issuance, the annual program can then focus on the local residential roads and preventative maintenance and repair.
2. Repayment of the bond issue is estimated to be \$575,000 annually. This would be repaid within the road fund with the remainder being used as specified above.
3. Increase use of full depth asphalt to repair areas on roads that are schedule to be resurfaced in 5 or more years. Full depth asphalt has a greater durability so repairing repairs will be minimized (a problem frequently encountered when Durapatch is used). While asphalt is a more expensive process, by moving that type of repair into the engineering resurfacing bid, we estimate a reduction in cost by one-third. For roads on the resurfacing list in less than 5 years, Durapatch and/or hot patch would be used. We would like to greatly minimize the Durapatch and when it is used, the excess gravel should be removed within 48 hours.

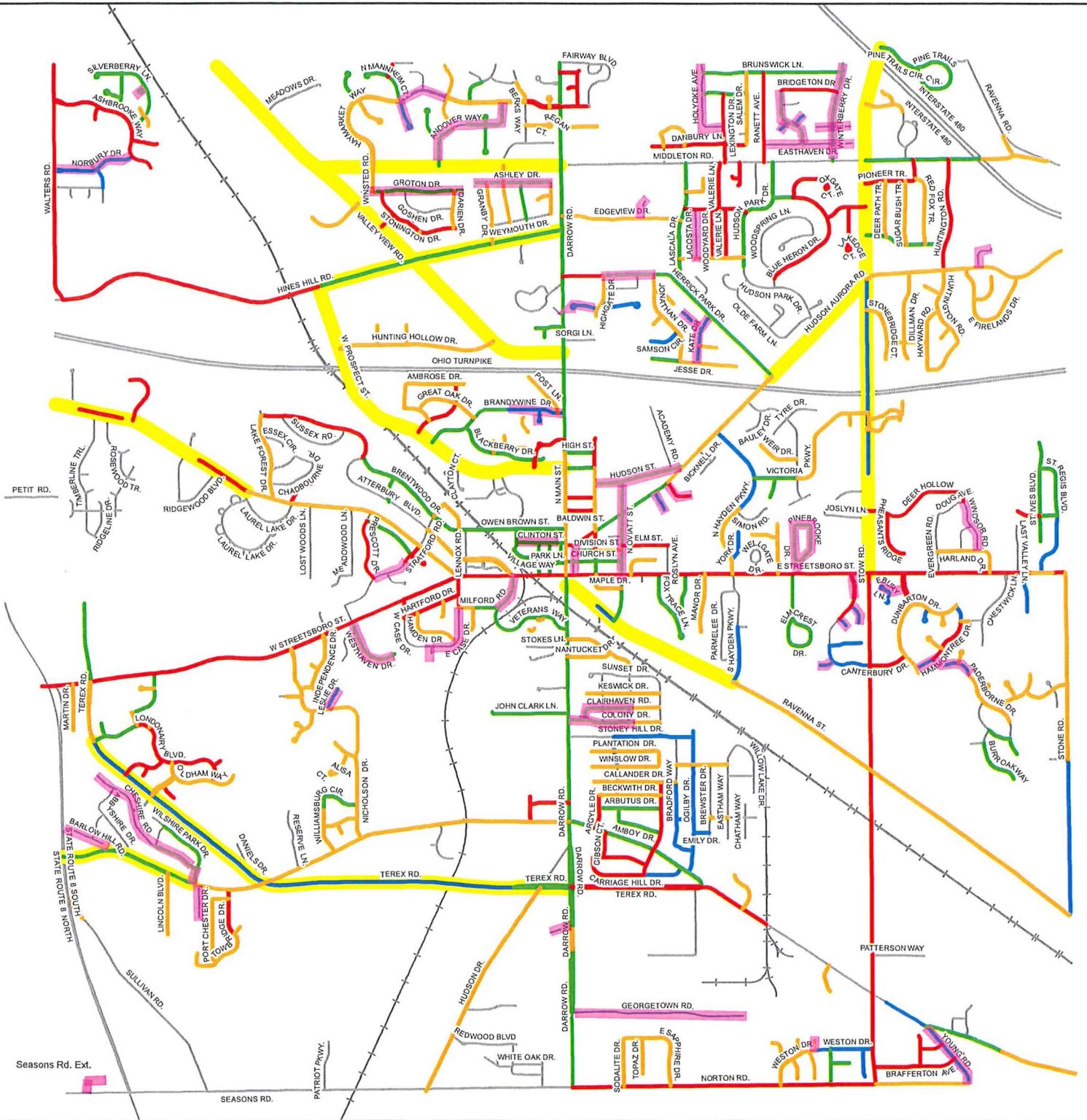
A fact sheet on these changes and the anticipated roads are also attached to this email. The numbers for this proposal have been included in the 5-year plan; however, the bond issuance does not have to conform to the 2020 budget time frame as it could be a stand-alone piece of legislation.

Please let me know if you have any questions on this matter so I can have that information available on Tuesday evening.

Thank you for consideration of this proposed acceleration program.

Jane

Asphalt Program 1999-2021



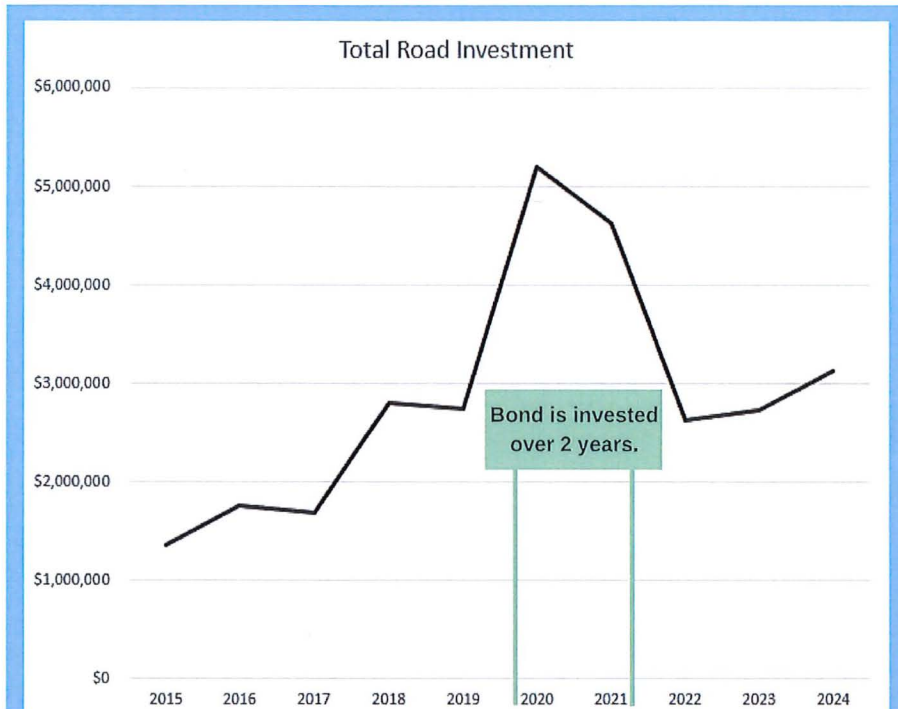
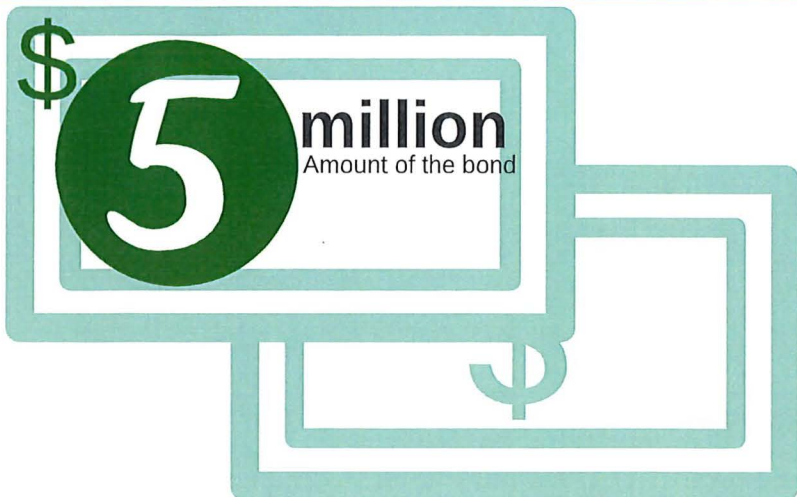
	2014-2019		1999-2003
	2009-2013		Proposed Bond Streets 2020-2021
	2004-2008		Proposed 20-21 Streets
	Railroads		

OHIO

HUDSON

DISCLAIMER:
 All data on this map were created for the City of Hudson to assist City Departments in management and planning activities. The suitability of this map for any other use is not guaranteed and the user assumes all risk for such uses. The City of Hudson, Ohio, assumes no legal responsibility for the information on this map. Users noting errors or omissions are encouraged to contact the City of Hudson Geographic Information Services at 330-342-9541.

★ Map Compiled: July 2019



Residential road repairs are still funded at \$2.1-\$3.1 million a year. The bond funds major improvements on high-traffic roads.

FISCALLY RESPONSIBLE	Today:	Post- Acceleration Program:
<ul style="list-style-type: none"> Taking advantage of low interest rates Maximizing revenue from income and gas taxes Reducing annual repairs 	49% of roads have been paved within the last 10 years	72% of roads will have been paved within the last 12 years
FUTURE FOCUSED	72 is the citywide average PCI rating	76 will be the citywide average PCI rating
	52% of roads are rated above 50 PCI	82% of roads will be rated above 50 PCI - in other words, the number of Hudson's roads in Excellent, Very Good, Good, or Fair Condition will increase by 30%

2020-2021 ACCELERATED ASPHALT PROGRAM - MAIN ROADS

Street Name	From	To	PCI	Est. Cost	Area (SY)	Cost/SY	Length/CL Miles	Lane Miles	Running Totals
Hudson-Aurora Rd.	Herrick Park Dr.	Stow Rd.	41	\$229,917.00	13,449.00	\$17.10	0.68	1.91	\$229,917.00
Stow Rd.	E. Streetsboro St.	Deerhollow Dr.	36	\$97,000.00	6,319.00	\$15.35	0.31	0.90	\$326,917.00
Stow Rd.	Deerhollow Rd.	Hudson Springs Park	37	\$109,146.00	7,291.00	\$14.97	0.41	1.04	\$436,063.00
Stow Rd.	Hudson Springs Park	Turnpike Bridge	40	\$36,233.00	2,635.00	\$13.75	0.16	0.37	\$472,296.00
Stow Rd.	I80 Bridge	Hudson-Aurora St.	47	\$62,138.80	4,529.00	\$13.72	0.56	0.64	\$534,434.80
Stow Rd.	Hudson-Aurora Rd.	Middleton Rd	47	\$138,243.80	11,582.00	\$11.94	0.58	1.65	\$672,678.60
Stow Rd.	Middleton Rd.	NCL	39	\$122,715.00	8,134.00	\$15.09	0.49	1.16	\$795,393.60
Ravenna St.	S. Main St.	S. Oviatt St.	55	\$71,861.20	2,879.00	\$24.96	0.30	0.41	\$867,254.80
Ravenna St.	S. Oviatt St.	S. Hayden Pkwy	58	\$206,346.00	11,088.00	\$18.61	0.68	1.58	\$1,073,600.80
W. Prospect St.	Turnpike Bridge	Hines Hill Rd.	37	\$85,417.00	5271	\$16.21	0.41	0.75	\$1,159,017.80
W. Prospect St.	Turnpike Bridge	Steepleview Dr.	37	\$81,520.00	4,994.00	\$16.32	0.39	0.71	\$1,240,537.80
W. Prospect St.	Steepleview Dr.	Morse Rd.	53	\$104,051.00	6,464.00	\$16.10	0.47	0.92	\$1,344,588.80
W. Prospect St.	Morse Rd.	Pavement Change (east)	42	\$58,096.00	3,677.00	\$15.80	0.30	0.52	\$1,402,684.80
Middleton Road	Valleyview Rd.	Darrow Rd.	47	\$299,053.00	17279	\$17.31	1.20	2.45	\$1,701,737.80
Hines Hill Rd.	Valleyview Rd.	Darrow Rd.	46	\$183,371.00	11,143.00	\$16.46	0.75	1.58	\$1,885,108.80
Hines Hill Rd.	Valleyview Rd.	W. Prospect St.	59	\$111,576.00	7,107.00	\$15.70	0.50	1.01	\$1,996,684.80
Valleyview Rd.	Darrow Rd.	south of Hines Hill Rd.	56	\$208,481.00	12,343.00	\$16.89	0.79	1.75	\$2,205,165.80
Valleyview Rd.	south of Hines Hill Rd.	Middleton Rd.	61	\$168,867.00	10,062.00	\$16.78	0.66	1.43	\$2,374,032.80
Valleyview Rd.	Middleton Rd.	NCL	57	\$190,180.00	11,353.00	\$16.75	0.74	1.61	\$2,564,212.80
Terex Rd.	Londonairy Blvd.	Nottingham Gate Blvd.	59	\$137,650.00	7,860.00	\$17.51	0.38	1.12	\$2,701,862.80
Terex Rd.	Nottingham Gate Blvd.	Barlow Rd.	49	\$213,240.00	13,200.00	\$16.15	0.68	1.88	\$2,915,102.80
Terex Rd.	Barlow Rd.	#967 Terex Rd	57	\$248,866.00	15,254.00	\$16.31	0.78	2.17	\$3,163,968.80
Terex Rd.	#967 Terex Rd	Road Split	57	\$174,520.00	10,641.00	\$16.40	0.53	1.51	\$3,338,488.80
Terex Rd.	Road Split	Darrow Rd.	57	\$174,157.00	10,099.00	\$17.24	1.00	1.43	\$3,512,645.80
Barlow Rd.	Willshire Park Dr.	WCL	61	\$202,660.00	12,267.00	\$16.52	0.65	1.74	\$3,715,305.80
Barlow Rd.	Stow Rd.	RR Tracks	52	\$274,371.00	16,543.00	\$16.59	0.61	2.35	\$3,989,676.80
Barlow Rd.	Stow Rd.	Young Rd.	51	\$101,908.00	5,936.00	\$17.17	0.38	0.84	\$4,091,584.80
Boston Mills Rd.	Laurel Lake Dr.	WCL	65	\$273,429.00	17,089.00	\$16.00	1.00	2.43	\$4,365,013.80
		M.O.T. and Mobilization		\$150,000.00					\$4,515,013.80
		Inspection		\$75,000.00					\$4,590,013.80
		10% Contingency		\$451,501.38					
				Totals =	266,488.00	Totals	16.39	37.85	\$5,041,515.18

2020 ACCELERATED ASPHALT PROGRAM - LOCAL ROADS

Street Name	From	To	PCI NEW	Est. Cost	Area (SY)	Cost/SY	Length/CL Miles	Lane Miles	Running Totals
Seasons Rd. Ext.	Seasons Rd.	Dead End	15	\$33,660.00	1,851	\$18.18	0.09	0.26	\$33,660.00
Clinton St.	Morse Rd.	First St.	30	\$51,129.00	3,716	\$13.76	0.16	0.53	\$84,789.00
Groton Dr.	Dead End	Dead End	37	\$84,757.00	6,556	\$12.93	0.51	0.93	\$169,546.00
Georgetown Rd.	Rt91	Cul-De-Sac	39	\$246,495.00	16,597	\$14.85	0.87	2.36	\$416,041.00
Corporate Dr.	Darrow Rd.	Summa Dr.	35	\$40,834.00	2,939	\$13.89	0.13	0.42	\$456,875.00
Brandywine Dr.	Darrow Rd.	Brandywine bridge	35	\$102,570.00	4,545	\$22.57	0.18	0.65	\$559,445.00
Pitkin Dr.	Brandywine Dr.	Cul-de-Sac	43	\$17,267.00	1,274	\$13.55	0.07	0.18	\$576,712.00
Norbury Dr.	Walters Rd.	Ashbrooke Way	37	\$97,947.00	6,573	\$14.90	0.41	0.93	\$674,659.00
Foxdale Cir	Silverbury Ln.	Loop	39	\$11,481.40	1,213	\$9.47	0.07	0.17	\$686,140.40
Hudson St.	College St.	Hudson-Aurora St.	37	\$75,148.05	5,984	\$12.56	0.44	0.85	\$761,288.45
Hammondtree Dr.	Paderbourne Dr.	Dunbarton Dr.	37	\$20,033.00	1,485	\$13.49	0.09	0.21	\$781,321.45
Paderbourne Dr.	Hammond Tree	Curbed area	36	\$52,286.00	3,624	\$14.43	0.22	0.51	\$833,607.45
Kate Dr.	Herrick Park Dr.	Jesse Dr.	38	\$51,410.00	3,554	\$14.47	0.25	0.50	\$885,017.45
Kate Cir	Kate Dr.	Cul-De-Sac	41	\$29,992.00	2,080	\$14.42	0.14	0.30	\$915,009.45
W. Highgate Ct.	Highgate Dr.	Loop	38	\$32,048.00	3,035	\$10.56	0.18	0.43	\$947,057.45
Lacosta Dr.	Leeway Dr.	Woodacre Dr.	37	\$35,430.60	3,377	\$10.49	0.24	0.48	\$982,488.05
McShu Dr.	Edgeview Dr.	Cul-De-Sac	42	\$17,313.40	1,653	\$10.47	0.11	0.23	\$999,801.45
Herrick Park Dr.	Highgate Dr.	Johnathan Dr.	43	\$67,101.00	3,997	\$16.79	0.27	0.57	\$1,066,902.45
Westhaven	W. Streetsboro St.	Dead End	36	\$54,820.00	4,056	\$13.52	0.34	0.58	\$1,121,722.45
Easthaven Dr.	Rannett Ave.	Cul-De-Sac	41	\$81,906.00	6,252	\$13.10	0.45	0.89	\$1,203,628.45
Ellsworth Hill Dr.	Cul-de-Sac	Cul-De-Sac	45	\$42,241.00	3,062	\$13.80	0.21	0.43	\$1,245,869.45
E. Blackthorne Cir.	Princewood Dr.	Cul-De-Sac	41	\$18,492.00	1,330	\$13.90	0.07	0.19	\$1,264,361.45
Clairhaven Dr.	Colony Dr.	Pavement Change	38	\$47,077.00	3,399	\$13.85	0.25	0.48	\$1,311,438.45
Colony Dr.	Darrow Rd.	Pavement Change	42	\$61,740.00	4,212	\$14.66	0.33	0.60	\$1,373,178.45
Southdale Ave.	Colony Dr.	Pavement Change	34	\$16,190.00	1,165	\$13.90	0.09	0.17	\$1,389,368.45
Stoney Hill Dr.	Darrow Rd.	Olgilby Dr.	36	\$130,041.00	8,307	\$15.65	0.63	1.18	\$1,519,409.45
Windsor Dr.	Harland Dr.	Doug Ave.	41	\$41,985.00	3,143	\$13.36	0.27	0.45	\$1,561,394.45
		M.O.T. and Mobilization		\$100,000.00					\$1,661,394.45
		Inspection		\$50,000.00					\$1,711,394.45
		Contingency		\$166,139.45					\$1,877,533.90
				Totals =	108,979		7.07	15.48	

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2021 ACCELERATED ASPHALT PROGRAM - LOCAL ROADS

E. Main St.	Aurora St.	E. Streetsboro st.	45	\$39,045.00	2,603	\$15.00	0.14	0.37	\$39,045.00
Franklin St.	Aurora St.	Dead End	44	\$30,674.00	1,723	\$17.80	0.10	0.24	\$69,719.00
N. Oviatt St.	E. Streetsboro St.	Aurora St.	61	\$81,076.00	4,497	\$18.03	0.30	0.64	\$150,795.00
N. Oviatt St.	Aurora St.	Hudson St.	47	\$35,988.00	2,317	\$15.53	0.16	0.33	\$186,783.00
W. Blackthorne Cir.	Princetonwood Dr.	Dead End	44	\$12,672.00	792	\$16.00	0.08	0.11	\$199,455.00
Princetonwood Dr.	Easthaven Dr.	Bridgeton Dr.	44	\$79,364.00	4,960	\$16.00	0.32	0.70	\$278,819.00
Young Rd.	Barlow Rd.	Norton Rd.	45	\$76,695.00	5,264	\$14.57	0.36	0.75	\$355,514.00
Duffield Dr.	Weston Dr.	Cul-De-Sac	57	\$9,997.00	555	\$18.01	0.07	0.08	\$365,511.00
Stratford Rd.	#114	Prescott Dr.	49	\$41,260.00	2,831	\$14.57	0.18	0.40	\$406,771.00
Barlow Hill Rd.	Barlow Rd.	Dead End	51	\$39,054.00	2,441	\$16.00	0.26	0.35	\$445,825.00
W. Pinbrooke Dr.	E. Pinebrooke Dr.	#6839	40	\$40,096.00	2,506	\$16.00	0.20	0.36	\$485,921.00
E. Pinebrooke Dr.	E. Streetsboro St.	#6839	49	\$68,672.00	4,292	\$16.00	0.33	0.61	\$554,593.00
Crown Point Dr.	Hudson-Aurora Rd.	Cul-De-Sac	43	\$39,616.00	2,476	\$16.00	0.16	0.35	\$594,209.00
Andover Way	Middleton Rd.	Haymarket Way	41	\$132,300.00	8,820	\$15.00	0.57	1.25	\$726,509.00
Haymarket Way	Warren Pt. Ln.	Manheim Ct.	59	\$87,046.00	5,588	\$15.58	0.25	0.79	\$813,555.00
S. Mannheim Ct.	Haymarket Way	Dead End	45	\$36,120.00	2,642	\$13.67	0.18	0.38	\$849,675.00
Ashley Dr.	Wellfleet Dr.	Dead End	45	\$73,035.00	4,869	\$15.00	0.36	0.69	\$922,710.00
E. Case Dr.	Milford Dr.	Lynn Dr.	46	\$62,055.00	4,137	\$15.00	0.30	0.59	\$984,765.00
Milford Rd.	Veterns Way	W. Streetsboro St.	45	\$39,450.00	2,630	\$15.00	0.16	0.37	\$1,024,215.00
Old Orchard Dr.	Aurora St.	Cul-De-Sac	45	\$37,785.00	2,519	\$15.00	0.17	0.36	\$1,062,000.00
Wellington Cir	Canterbury Dr.	Cul-De-Sac	45	\$41,820.00	2,788	\$15.00	0.18	0.40	\$1,103,820.00
Fairfield Ln.	Canterbury Dr.	Cul-De-Sac	47	\$21,330.00	1,422	\$15.00	0.09	0.20	\$1,125,150.00
Canterbury Ct.	Canterbury Dr.	Cul-De-Sac	46	\$14,040.00	936	\$15.00	0.06	0.13	\$1,139,190.00
Canterbury Dr.	E. Streetsboro St.	End of Split	44	\$30,784.00	1,924	\$16.00	0.13	0.27	\$1,169,974.00
Ebury Ln.	Hollis Blvd.	Loop	41	\$39,751.00	2,484	\$16.00	0.15	0.35	\$1,209,725.00
Wilshire Park Dr.	Barlow Rd.	Cheshire Dr.	38	\$17,456.00	1,091	\$16.00	0.08	0.15	\$1,227,181.00
Cheshire Rd.	Wilshire Park Dr.	Cul-De-Sac	46	\$173,595.00	11,573	\$15.00	0.74	1.64	\$1,400,776.00
Coolage Blvd.	Barlow Rd.	Dead End	46	\$12,705.00	847	\$15.00	0.17	0.12	\$1,413,481.00
Holyoke Ave.	Lexington Dr.	Dead End	46	\$74,625.00	4,975	\$15.00	0.40	0.71	\$1,488,106.00
Leslie Dr.	Nicholson Dr.	Cul-De-Sac	46	\$31,200.00	2,080	\$15.00	0.14	0.30	\$1,519,306.00
Winterberry Dr.	Middleton Rd.	Dead End	46	\$103,155.00	6,877	\$15.00	0.49	0.98	\$1,622,461.00
Lynn Dr.	W. Case Dr.	Dead End	47	\$6,450.00	430	\$15.00	0.03	0.06	\$1,628,911.00
		M.O.T. and Mobilization		\$75,000.00					\$1,703,911.00
		Inspection		\$40,000.00					\$1,743,911.00
		Contingency		\$127,793.33					\$1,871,704.33
				Totals =	105,889		7.31	13.35	

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