

MEMORANDUM

August 20, 2013

To: Village Board Members
From: Frank Alonzo
Re: Street Maintenance Plan

The attached color coded street plan shows ten (10) streets highlighted in yellow that are a priority and in need of road maintenance within the next two to three years.

The three streets marked in green are in need of priority repairs and were removed because of their location and use. This removes approximately \$186,528 from the cost.

An estimate to repair the immediate need streets is \$1,059,791.00.

The streets noted in orange should be crack filled with some repairs at an estimated cost of \$550,082.00.

Please note that others fees such as engineering expenses may be added to these amounts and the estimates may change as we move forward with a more formal plan.

	<u>Street</u>	<u>Surface Treatment</u>	<u>Length</u>	<u>PASER Rating 09</u>	<u>PASER Rating 13</u>	<u>Cost in 09</u>	<u>Cost in 13 +20%</u>	<u>Priority</u>	<u>Surface Type</u>	
100-16	Cascade Drive	Thick Mill & Overlay	0.28	4	3	135,520	162624	17.9	Hot Mix	
100-9	Arrowhead Trail	Mill & Overlay	0.23	2.9	3	87707	105248.4	17.8	Hot Mix	
	Glenbrook Lane	Mill & Overlay 3"	0.38	3	3	144,907	173888.4	17.7	Hot Mix	
100-60	Edgebrook Lane	Mill & Overlay 3"	0.35	3	3	133,467	160160.4	17.2	Hot Mix	
100-73	65th Street	Reconstruct	0.07	3	3	75,000	90000	17.1	Hot Mix	
100-74	Estern Avenue	Reconstruct and Drain	0.026	3	3	30,000	36000	17.1	Hot Mix	
100-17	Cascade	Crack Seal & Overlay 2"	0.42	5	4	121,968	146361.6	14.2	Hot Mix	
100-21	Deercreek Lane	Thick Mill & Overlay 3" + Curb	0.12	4	3	80,800	96960	13.4	Hot Mix	
100-59	Ashbrook Lane	Thick Mill & Overlay 3"	0.21	4	3	80,800	96960	13.1	Hot Mix	
100-40	Pontiac	Crackseal & Overlay 2"	0.67	5	5	94493	113391.6	10.6	Hot Mix	
100-4	Acacia Drive	Crack Seal	0.47	7	7	8823	10587.6	10.3	Hot Mix	
100-54	Vine Street	Reconstruct	0.12	2	2	77440	92928	9.1	Hot Mix	
100-35	Laurel Avenue	Crackseal - Misc Patching + Ditch Line	0.09	6	6	16,738	20085.6	9	Hot Mix	
100-47	Stonehearth Lane	Crackseal & Overlay 2" + Curb	0.15	6	5	33000	39600	9	Hot Mix	
100-11	Blackhawk Trail	Crackfill	0.41	6	9			8.9	Hot Mix	
100-27	Hearthwood Court	Crackseal & Drainage & Curb	0.14	6	6	32032	38438.4	8.9	Hot Mix	
100-34	Keokuk	Thick Mill & Overlay & Ditch	0.27	6	3	43,085	51702	8.9	Hot Mix	
100-49	Sweetwood Court	Crackfill & Curb	0.12	6	5	26400	31680	8.9	Hot Mix	
100-51	Tecumseh Lane	CrackSeal & Overlay 2"	0.19	6	6	37007	44408.4	8.9	Hot Mix	
100-1	65th Place	Crackfill		6	6	39,054	46864.8	8.7	Hot Mix	
100-7	Apache	Crackfill	0.24	6	5	52800	63360	8.7	Hot Mix	
100-10	Big Bear Drive	Crackfill	0.21	6	6	44352	53222.4	8.7	Hot Mix	
100-14	Briarwood Lane and Square	Crack Fill & Curb	0.19	6	5	41800	50160	8.7	Hot Mix	
100-29	Howard Avenue	Crack Fill & Ditch Line	0.14	6	6	26,036	31243.2	8.7	Hot Mix	
100-30	Indian Head Trail	Crack Fill & Curb	0.07	6	5	26400	31680	8.7	Hot Mix	
	Thunderbird	Crackfill	0.2	6	6	42,240	50688	8.7	Hot Mix	
100-6	Algonquin Drive	Crackfill	0.18	7	7	2534	3040.8	7.6	Hot Mix	
100-18	Cherokee	Crackfill	0.17	7	7	2493	2991.6	7.6	Hot Mix	
100-200	Cochise	Crackfill & Minor Patching	0.57	7	7	7357	8828.4	7.6	Hot Mix	
100-23	Elmwood Drive	Crackfill & Curb & Drive	0.09	7	6	20000	24000	7.6	Hot Mix	1838242.8
100-25	Frontage Road	Crackfill	0.15	7	9	1760	2112	7.6	Hot Mix	
100-65	Tecumseh Lane	Crackfill	0.04	7	7	563	675.6	7.6	Hot Mix	
100-55	Wabensee Lane	Crackfill	0.07	7	7	739	886.8	7.6	Hot Mix	
100-57	Westwood Drive	Crackfill & Curb & Drain	0.12	7	6	30000	36000	7.6	Hot Mix	
100-2	70th Place	Crackfill	0.27	7	7	3485	4182	7.5	Hot Mix	
100-5	Acacia Lane	Craf Fill & Minor Patching	0.12	7	6	4250	5100	7.5	Hot Mix	
100-31	Indian Head Trail Court	Crackfill	0.07	7	7	986	1183.2	7.5	Hot Mix	
100-46	Sioux Trail	Crackfill	0.08	7	7	1126	1351.2	7.5	Hot Mix	
100-39	Pembrook Drive	Mill & Overlay 3" & Curb	0.04	3	3	12907	15488.4	6.5	Hot Mix	
100-15	Buttonwood Court	Mill & Overlay 2" & Curb	0.04	5	4	15000	18000	3.9	Hot Mix	
100-8	Arrowhead Court	Crackfill & Minor Patch	0.05	6	6	10560	12672	3.2	Hot Mix	
100-13	Brairwood Court	Crackfill & Curb	0.06	6	5	17000	20400	3.2	Hot Mix	
100-63	Mohawk Court	Crackfill	0.04	6	6	8448	10137.6	3.2	Hot Mix	

100-37	Osceola Trail	Crackfill	0.13	7	7	1676	2011.2	3.2 Hot Mix
100-50	Tanglewood Court	Crackfill & Curb	0.07	7	6	10000	12000	2.9 Hot Mix
100-19	Cherrywood Court	Crackfill & Patch& Curb	0.11	7	7	10000	12000	2.8 Hot Mix
100-68	Edgebrook Court	Crackfill	0.12	7	7	2042	2450.4	2.8 Hot Mix
100-24	elmwood square	Crackfill & Curb	0.07	7	6	10,000	12000	2.8 Hot Mix
100-22	Elmwood Court	Crackfill & Patch& Curb& Drain	0.11	7	6	10000	12000	2.8 Hot Mix
100-72	Flagg Creek Drive	Crackfill	0.09	7	6	3,000	3600	2.8 Hot Mix
100-26	Hawthorne Square	Crackfill & Patch& Curb& Drain	0.1	7	6	10000	12000	2.8 Hot Mix
100-69	Indian Woods Drive	Crackfill	0.12	7	7	2042	2450.4	2.8 Hot Mix
100-42	Sauk Trail	Crackfill	0.1	7	7	1,500	1800	2.8 Hot Mix
100-45	Shawnee Trail	Crackfill	0.04	7	7	1,000	1200	2.8 Hot Mix
100-56	Westwood Court	Crackfill & Curb	0.07	7	6	10000	12000	2.8 Hot Mix
100-58	Westwood Square	Crackfill & Major Curb	0.09	7	7	10000	12000	2.8 Hot Mix
100-70	72nd Street	Crackfill	0.07	8	7	1000	1200	2.7 Hot Mix
100-71	72nd Street	Crackfill	0.22	8	7	1750	2100	2.7 Hot Mix
100-66	Acacia Circle	Crackfill	0.1	8	8	1750	2100	2.7 Hot Mix
100-67	Acacia Circle	Crackfill	0.21			2250	2700	2.7 Hot Mix
100-3	Acacia Circle	Crackfill	0.1	8	8	1750	2100	2.7 Hot Mix
100-12	Blackhawk Trail	Crackfill- Minor Patching	0.41	6	9	4000	4800	2.7 Hot Mix
100-61	Glenbrook Court	Crackfill	0.03	8	7	1,750	2100	2.7 Hot Mix
100-28	Hiawatha Lane	Crackfill	0.26	8	8	1750	2100	2.7 Hot Mix
100-38	Osceola Trail	Crackfill	0.1	8	7	1000	1200	2.7 Hot Mix
100-41	Potawatomie Trail	Crackfill	0.06	8	7	1500	1800	2.7 Hot Mix
100-43	Sequoia	Crackfill	0.21	8	7	1750	2100	2.7 Hot Mix
100-44	Shabbona	Minor Crackfill	0.21	8	8	1750	2100	2.7 Hot Mix
100-48	Stratford Court	Crackfill & Drain	0.07	9	8	4,000	4800	2.7 Hot Mix
100-53	Timber Ridge Court	Minor Crackfill	0.06	8	8	1000	1200	2.7 Hot Mix
100-64	Fronstage Ro	No Treatment Needed	0.11	8	9	0	0	0 Hot Mix
100-33	Indian Wood Lane	Crackfill	0.2	7	7	2816	3379.2	
100-36	Nacona Lane	Crackfill & Minor Patch	0.03	6	6	5808	6969.6	
	Stonehear Sq						0	
						1,652,441	1,982,929	