

COOPER CHARTER TOWNSHIP BOARD
1590 West D Ave, Kalamazoo MI 49009
269-382-0223

July 25, 2022
SPECIAL MEETING
5:30 p.m.

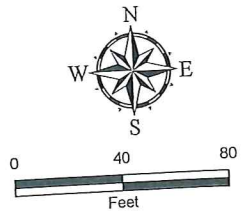
A G E N D A

1. Call to Order
2. Pledge of Allegiance
3. Additions or deletions to agenda, approval of agenda:
4. Citizens Comments
THE BOARD WELCOMES CITIZENS' COMMENTS. ANYONE WISHING TO ADDRESS THE BOARD SHOULD STATE THEIR NAME, ADDRESS, AND LIMIT THEIR COMMENTS TO THREE MINUTES.
5. Discussion about Purchasing 8076 Douglas Ave.
6. Discussion about Selling "G" Ave Property
7. Discussion about Replacement Road Projects
8. Discussion about Trustee Top Three Ideas for ARPA Fund Use.
9. Trustee Comments
10. Adjourn



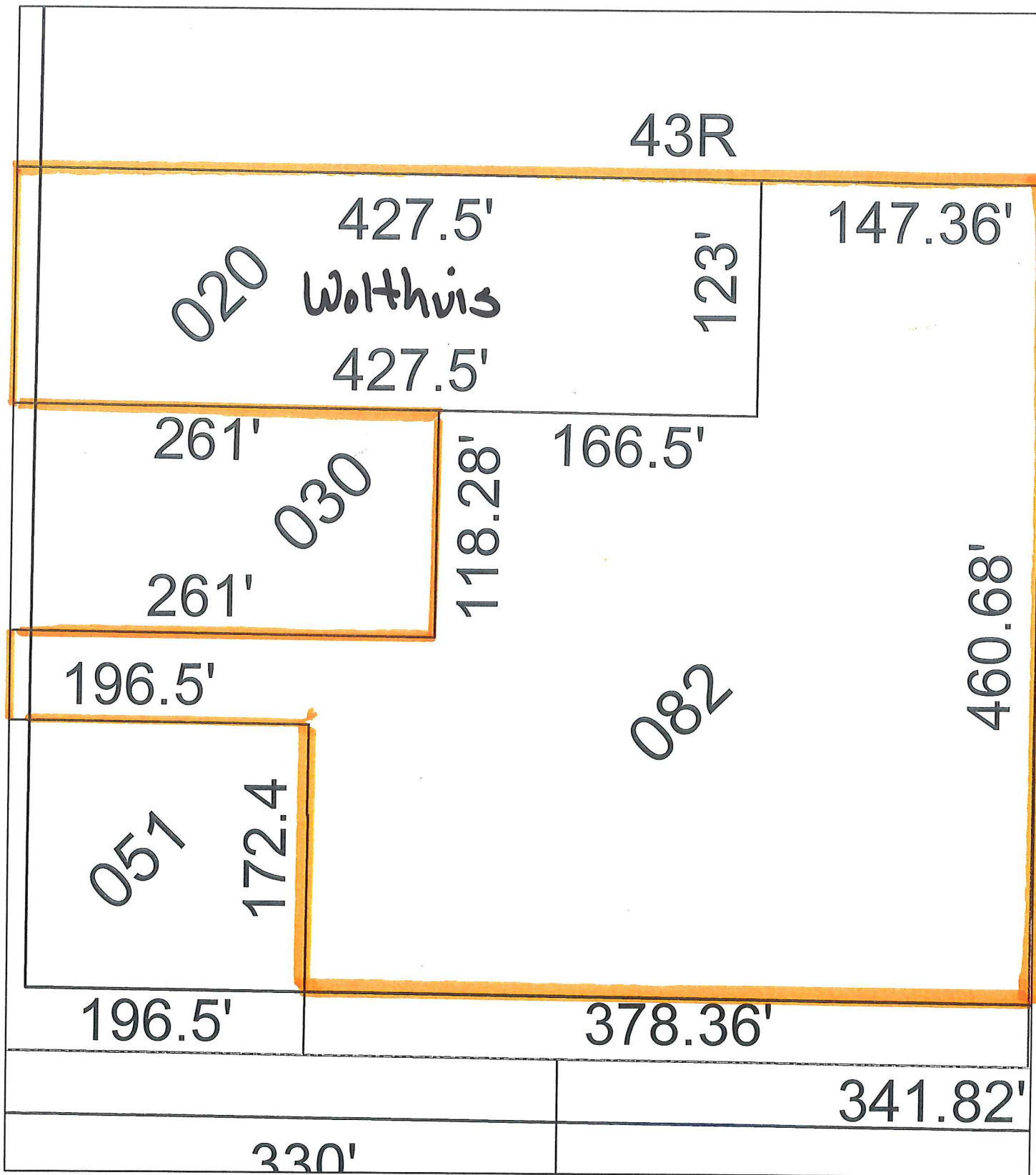
DOUGLAS

Cooper Charter Township
Kalamazoo County, Michigan

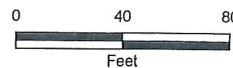


Base Map

This map is intended for reference purposes only. While it is intended to be an accurate graphic representation its accuracy cannot be guaranteed. Therefore, neither Cooper Charter Township nor Prein&Newhof shall be held liable for its content. Any conclusions or information derived from this map are at the users sole risk.

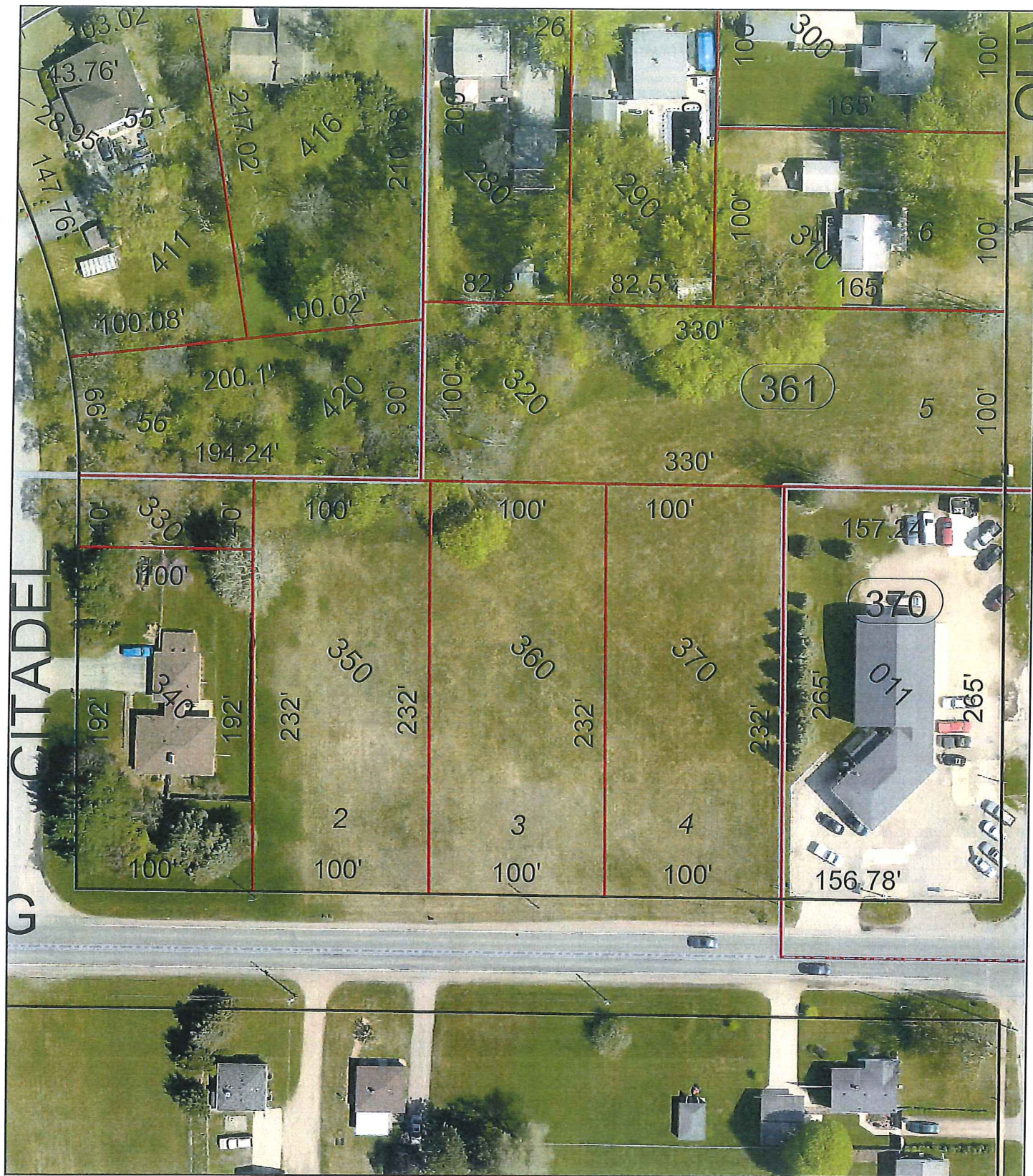


Cooper Charter Township
 Kalamazoo County, Michigan

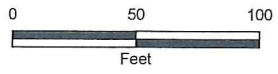
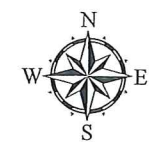


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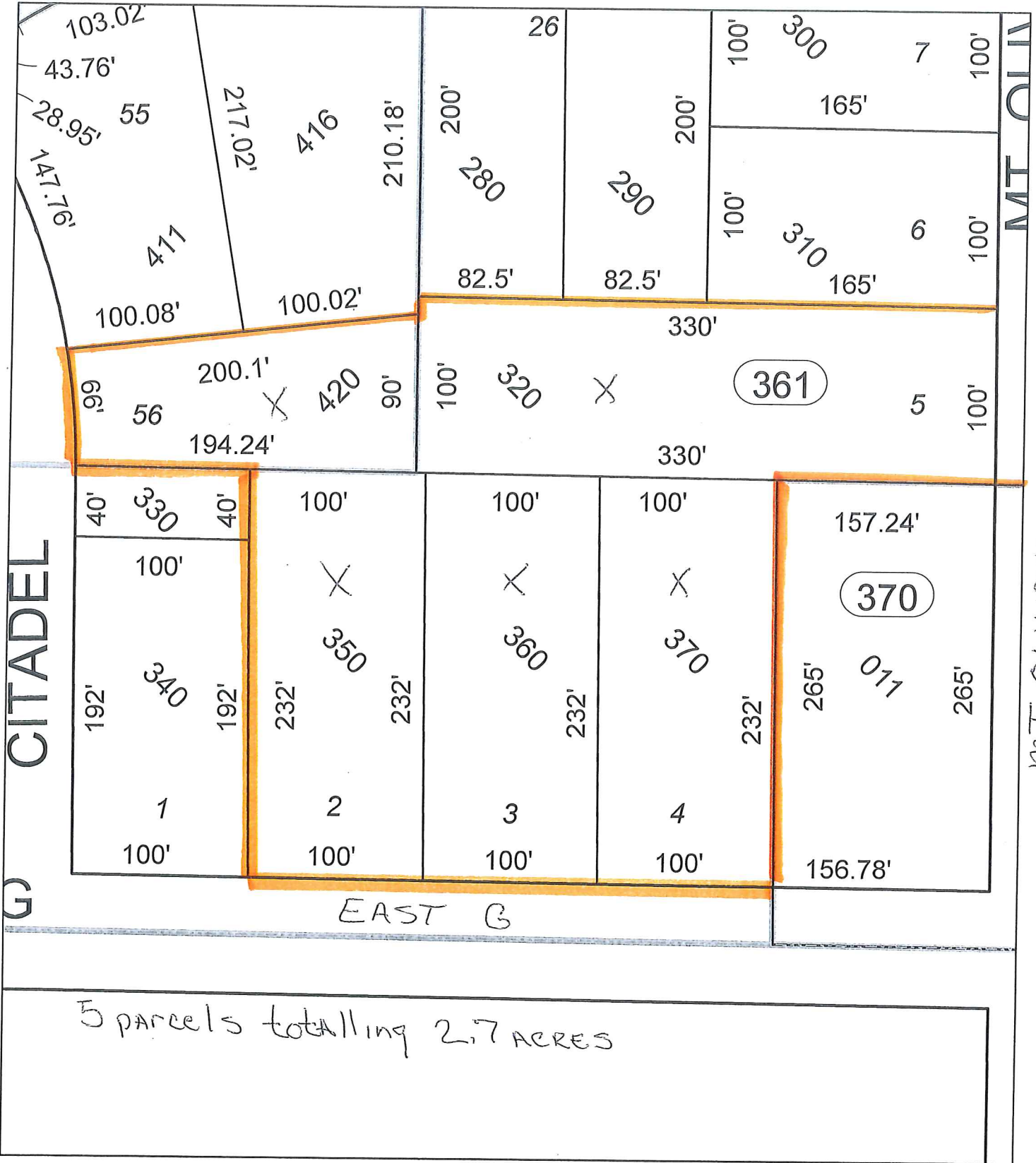


Cooper Charter Township
Kalamazoo County, Michigan

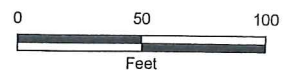


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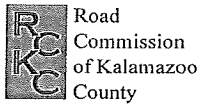


Cooper Charter Township
Kalamazoo County, Michigan



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Road Commission of Kalamazoo County
 3801 East Kilgore Road
 Kalamazoo, MI 49001
 www.kalamazoocountyroads.com

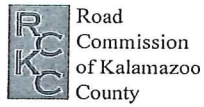
2022 Project Estimate
 VALID FOR 90 DAYS

Date Prepared: 7/21/22
 Township: Cooper
 Location: F Avenue - 12th Street to Douglas Avenue
 Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
 Estimator: Dean Disterheft
 Length: 2.00 Miles

Total Area	Length	Width	Length	Width	Cul-de Sac Area (Sft)	Quantity
25,736	5,056	23			7,854	0
Conv Factor	5,492	21				
9						

Description of charge	Application Rate	Estimated Quantities	Units of measure	Estimated Unit Cost	Estimated Total	Notes
Pavement Marking		10,548	Ft	0.10	1,055	no charge
High Shoulder Removal		211	Station	35.00	7,385	no charge
		<i>Estimated Nonbillable Cost</i>			\$8,440	
			<i>Overhead - Nonbillable</i>	7.92%	\$668	
		Total Estimated Nonbillable Cost			\$9,108	
Crack Fill	Medium	8,000	Lbs	1.60	12,800	
HMA Wedging		400	Ton	69.50	27,800	
RCKC Equipment		8.11	Hour	851.38	6,908	
RCKC Labor/Fringe		9.45	Hour	529.44	5,003	
Contractor Equipment/Labor		11,323.64	Gal	0.26	2,944	
CS2 Fine Aggregate	22 Lbs / Syd	283	Ton	44.98	12,733	
CRS-2M (emulsion)	0.44 Gal / Syd	11,324	Gal	2.45	27,743	
Fog Seal	0.14 Gal / Syd	25,736	Syd	0.65	16,728	
		Estimated Billable Cost			\$112,660	
			Overhead Billable	7.92%	\$8,923	
		Total Estimated Billable Project Cost			\$121,582	PRECISION

Total Estimated Project Cost	\$130,690
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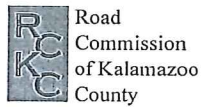
2022 Project Estimate
 VALID FOR 90 DAYS

Date Prepared: 7/21/22
 Township: Cooper
 Location: E Avenue - 14th Street to Douglas Avenue
 Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
 Estimator: Dean Disterheft
 Length: 1.01 Miles

Total Area	Length	Width	Length	Width	Cul-de Sac Area (Sft)	Quantity
13,041	5,335	22			7,854	0
Conv Factor						
9						

Description of charge	Application Rate	Estimated Quantities	Units of measure	Estimated Unit Cost	Estimated Total	Notes
Pavement Marking		5,335	Ft	0.10	534	no charge
High Shoulder Removal		107	Station	35.00	3,745	no charge
		<i>Estimated Nonbillable Cost</i>			\$4,279	
		<i>Overhead - Nonbillable</i>		7.92%	\$339	
		Total Estimated Nonbillable Cost			\$4,617	
Crack Fill	Medium	4,080	Lbs	1.60	6,528	
HMA Wedging		200	Ton	69.50	13,900	
RCKC Equipment		4.11	Hour	851.38	3,501	
RCKC Labor/Fringe		4.79	Hour	529.44	2,535	
Contractor Equipment/Labor		5,738.09	Gal	0.26	1,492	
CS2 Fine Aggregate	22 Lbs / Syd	143	Ton	44.98	6,452	
CRS-2M (emulsion)	0.44 Gal / Syd	5,738	Gal	2.45	14,058	
Fog Seal	0.14 Gal / Syd	13,041	Syd	0.65	8,477	
		Estimated Billable Cost			\$56,943	
		Overhead Billable		7.92%	\$4,510	
		Total Estimated Billable Project Cost			\$61,453	PRECISION

Total Estimated Project Cost	\$66,070
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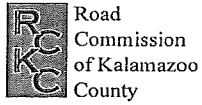
2022 Project Estimate
 VALID FOR 90 DAYS

Date Prepared: 7/21/22
 Township: Cooper
 Location: E Avenue - Douglas Avenue to Westnedge Avenue
 Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
 Estimator: Dean Disterheft
 Length: 1.00 Miles

Total Area	Length	Width	Length	Width	Cul-de Sac Area (Sft)	Quantity
11,738	5,282	20			7,854	0
Conv Factor						
9						

Description of charge	Application Rate	Estimated Quantities	Units of measure	Estimated Unit Cost	Estimated Total	Notes
Pavement Marking		5,282	Ft	0.10	528	no charge
High Shoulder Removal		106	Station	35.00	3,710	no charge
		<i>Estimated Nonbillable Cost</i>			\$4,238	
		<i>Overhead - Nonbillable</i>		7.92%	\$336	
		Total Estimated Nonbillable Cost			\$4,574	
Crack Fill	Heavy	5,050	Lbs	1.60	8,080	
HMA Wedging		500	Ton	69.50	34,750	
RCKC Equipment		3.70	Hour	851.38	3,151	
RCKC Labor/Fringe		4.31	Hour	529.44	2,282	
Contractor Equipment/Labor		5,164.62	Gal	0.26	1,343	
CS2 Fine Aggregate	22 Lbs / Syd	129	Ton	44.98	5,808	
CRS-2M (emulsion)	0.44 Gal / Syd	5,165	Gal	2.45	12,653	
Fog Seal	0.14 Gal / Syd	11,738	Syd	0.65	7,630	
		Estimated Billable Cost			\$75,696	
		Overhead Billable		7.92%	\$5,995	
		Total Estimated Billable Project Cost			\$81,691	PRECISION

Total Estimated Project Cost	\$86,265
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Date Prepared: 7/20/22
 Township: Cooper
 Location: Pinto Drive - Mount Olivet Road to 231' east of Brenda Lane East,
 Observation Avenue - Rollridge Avenue to 856' east of Rollridge Avenue,
 Brenda Lane East - Pinto Drive to Canton Drive,
 Brenda Lane West - Pinto Drive to Canton Drive,
 Whitmore Street - Rollridge Avenue to Pine Knoll Avenue,
 Pine Knoll Avenue - Whitmore Street to 584' east of Whitmore Street
 Project Description: Crack Fill, HMA Wedging, Double Chip Seal, Fog Seal
 Estimator: Dean Disterheft
 Length: 0.82 Miles

Total Area	Length	Width	Length	Width	Cul-de Sac Area (Sft)	Quantity
16,433	1,419	23	416	33	7,854	4
Conv Factor	856	33	584	33		
9	514	22				
	513	22				

Description of charge	Application Rate	Estimated Quantities	Units of measure	Estimated Unit Cost	Estimated Total	Notes
High Shoulder Removal		38	Station	35.00	1,330	no charge
<i>Estimated Nonbillable Cost</i>					\$1,330	
<i>Overhead - Nonbillable</i>				7.92%	\$105	
Total Estimated Nonbillable Cost					\$1,435	
HMA Wedging		50	Ton	69.50	3,475	
Vacuum Sweeping	2x	16.00	Hour	150.00	2,400	
RCKC Equipment		9.40	Hour	851.38	8,006	
RCKC Labor/Fringe		10.95	Hour	529.44	5,797	
Contractor Equipment/Labor		12324.58	Gal	0.26	3,254	
CST Fine Aggregate	50#/square yard	411	Ton	44.98	18,479	
CRS-2M (emulsion)	0.75 Gal/square yard	12,325	Gal	2.45	30,195	
Fog Seal	0.15 gal per Syd	16,433	Syd	0.70	11,503	
<i>Estimated Billable Cost</i>					\$83,109	
<i>Overhead Billable</i>				7.92%	\$6,582	
Total Estimated Billable Project Cost					\$89,691	
Total Estimated Project Cost					\$91,127	



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2022 Project Estimate
VALID FOR 90 DAYS

Date Prepared: 1/17/22
Township: Cooper
Camden Way Avenue - Rapids Way Street to 14th Street,
Rapids Way Street - 1025' south of Liverpool Avenue to Saint Luke Avenue,
Saint Luke Avenue - Durham Street to Rapids Way Street,
British Street - Saint Luke Avenue to 511' north of Saint Luke Avenue,
Durham Street - Liverpool Avenue to Saint Luke Avenue,
Liverpool Avenue - Durham Street to Rapids Way Street,
Lockett Street - 225' south of Liverpool Avenue to Liverpool Avenue
Location:
Project Description: Crack Fill, HMA Wedging, Chip Seal, Fog Seal
Estimator: Dean Disterheft
Length: 1.09 Miles

Total Area	Length	Width	Length	Width	Cul-de Sac Area (Sft)	Quantity
19,733	5,729	31			7,854	0
Conv Factor						
9						

Description of charge	Application Rate	Estimated Quantities	Units of measure	Estimated Unit Cost	Estimated Total	Notes
High Shoulder Removal		115	Station	35.00	4,025	no charge
Clean/Repair Drainage Structure		7	Ea	300.00	2,100	no charge
		<i>Estimated Nonbillable Cost</i>			\$6,125	
		<i>Overhead - Nonbillable</i>		7.92%	\$485	
		<i>Total Estimated Nonbillable Cost</i>			\$6,610	
Crack Fill	Medium	4,360	Lbs	1.60	6,976	
HMA Wedging		150	Ton	69.50	10,425	
Vacuum Sweeping	2x	18.00	Hour	150.00	2,700	
RCKC Equipment		11.32	Hour	851.38	9,639	
RCKC Labor/Fringe		13.18	Hour	529.44	6,980	
Contractor Equipment/Labor		5,919.97	Gal	0.26	1,539	
CST Fine Aggregate	22 Lbs / Syd	217	Ton	44.98	9,764	
CRS-2M (emulsion)	0.30 Gal / Syd	5,920	Gal	2.45	14,504	
Fog Seal	0.11 Gal / Syd	19,733	Syd	0.75	14,800	
		<i>Estimated Billable Cost</i>			\$77,327	
		<i>Overhead Billable</i>		7.92%	\$6,124	
		<i>Total Estimated Billable Project Cost</i>			\$83,452	
<i>Total Estimated Project Cost</i>					\$90,062	