

BILLS

Bill Summary

FEB 15-MARCH 13

PREVIOUSLY PAID	FIRE	\$29,177.13
	GENERAL	\$11,419.72
PAYROLL	FIRE -	\$98,981.52
	GENERAL	\$21,340.49
OPEN INVOICES	FIRE -	\$11,614.67
	GENERAL	\$21,361.57
TAX DISBURSEMENTS	Paid	\$2,039,199.08
	Open	\$80.29
TRUST & AGENCY	Paid	\$500.00
	Open	\$5,396.78
TOTALS		\$2,239,071.25

GL Number	Employee ID	Home Dept	Name	Reg Amount	OT Amount	Total Amount
Fund: 101 GENERAL FUND						
Department: 101-101 GOVERNING BODY						
101-101-704.000	010	GEN	GOETZINGER, JAMES M.	355.15	0.00	355.15
101-101-704.000	137	GEN	JOB, MONICA	355.15	0.00	355.15
Totals For: 101-101				710.30	0.00	710.30
Department: 101-171 SUPERVISOR						
101-171-704.000	026	GEN	PATEREK, JOHN W.	2,255.08	0.00	2,255.08
101-171-723.000	026	GEN	PATEREK, JOHN W.	323.06	0.00	323.06
Totals For: 101-171				2,578.14	0.00	2,578.14
Department: 101-215 CLERK						
101-215-704.000	031	GEN	SWIACKI, MARY K	2,665.22	0.00	2,665.22
101-215-705.000	061	GEN	BOYD, DAWN M	2,900.98	661.71	3,562.69
101-215-723.000	031	GEN	SWIACKI, MARY K	323.06	0.00	323.06
Totals For: 101-215				5,889.26	661.71	6,550.97
Department: 101-253 TREASURER						
101-253-704.000	111	GEN	MURRAY, SARA L.	2,476.28	0.00	2,476.28
101-253-723.000	111	GEN	MURRAY, SARA L.	323.06	0.00	323.06
Totals For: 101-253				2,799.34	0.00	2,799.34
Department: 101-262 ELECTIONS						
101-262-704.000	149	GEN	KORBELY, MARIE A.	1,357.50	0.00	1,357.50
Totals For: 101-262				1,357.50	0.00	1,357.50
Department: 101-267 STAFF ASSISTANT						
101-267-704.000	155	GEN	PACE, KATHERINE	1,147.38	0.00	1,147.38
Totals For: 101-267				1,147.38	0.00	1,147.38
Department: 101-301 ORDINANCE ENFORCEMENT						
101-301-711.000	004	GEN	CUBITT, ANDREW E.	107.42	0.00	107.42
Totals For: 101-301				107.42	0.00	107.42
Department: 101-371 INSPECTIONS						
101-371-704.000	105	GEN	WADDY, JAMES P.	785.00	0.00	785.00
101-371-707.000	013	GEN	ISREAL, TIMOTHY P.	175.26	0.00	175.26
101-371-707.000	027	GEN	RYAN, KARL G.	287.65	0.00	287.65
101-371-708.000	013	GEN	ISREAL, TIMOTHY P.	175.94	0.00	175.94
101-371-708.000	027	GEN	RYAN, KARL G.	160.02	0.00	160.02
101-371-709.000	123	GEN	MARTIN, CHRISTINE	2,392.00	0.00	2,392.00
Totals For: 101-371				3,975.87	0.00	3,975.87
Department: 101-701 PLANNING COMMISSION						
101-701-704.000	111	GEN	MURRAY, SARA L.	77.77	0.00	77.77
101-701-714.000	123	GEN	MARTIN, CHRISTINE	75.00	0.00	75.00
Totals For: 101-701				152.77	0.00	152.77

GL Number	Employee ID	Home Dept	Name	Reg Amount	OT Amount	Total Amount
Department: 101-751 TOWNSHIP PARK						
101-751-704.000	009	GEN	GOEDTEL, GARY J.	600.00	0.00	600.00
Totals For: 101-751				600.00	0.00	600.00
Department: 101-794 SENIOR CENTER						
101-794-704.000	086	GEN	PEITZ, DONNA M.	1,360.80	0.00	1,360.80
Totals For: 101-794				1,360.80	0.00	1,360.80
Totals For: 101				20,678.78	661.71	21,340.49
Fund: 206 FIRE FUND						
Department: 206-336 FIRE OPERATING						
206-336-704.000	151	FIRE	KOHUT, STEPHEN J.	3,038.46	0.00	3,038.46
206-336-704.002	058	FIRE	SWIACKI, MARY K.	276.92	0.00	276.92
206-336-704.003	110	FIRE	FRANCESCHI, ERIC M	4,356.60	0.00	4,356.60
206-336-704.003	107	FIRE	HANNA, MATTHEW B	4,723.36	0.00	4,723.36
206-336-704.003	108	FIRE	HEATH, BRANDON E	4,530.44	0.00	4,530.44
206-336-704.003	043	FIRE	KANEHL, KEVIN T.	5,261.84	0.00	5,261.84
206-336-704.003	083	FIRE	KENNEDY, KURTIS M.	3,824.48	0.00	3,824.48
206-336-704.003	045	FIRE	KUHN, THOMAS J.	5,261.84	0.00	5,261.84
206-336-704.003	124	FIRE	LESOSKY, KATIE	3,824.48	0.00	3,824.48
206-336-704.003	148	FIRE	MARTINDALE, PATRICK	3,597.64	0.00	3,597.64
206-336-704.003	072	FIRE	MYNY, COLLIN J.	4,619.48	0.00	4,619.48
206-336-704.003	109	FIRE	PELLERITO, JOSEPH R	4,356.60	0.00	4,356.60
206-336-704.003	055	FIRE	PFEIFLE, ANDREW J.	5,261.84	0.00	5,261.84
206-336-704.003	140	FIRE	WESSEL, JEFFREY	3,977.12	0.00	3,977.12
206-336-704.004	103	FIRE	BOLING, JUSTIN W	2,730.00	1,260.00	3,990.00
206-336-704.004	153	FIRE	ECKHOUT, TANYA	35.00	0.00	35.00
206-336-704.004	074	FIRE	FINKBEINER, CHAD R.	105.00	0.00	105.00
206-336-704.004	154	FIRE	GEISLER, DAVID	35.00	0.00	35.00
206-336-704.004	138	FIRE	LINKEWITZ, JOSHUA	2,065.00	210.00	2,275.00
206-336-704.004	121	FIRE	MCCOLLOM, DONNA	210.00	0.00	210.00
206-336-704.004	150	FIRE	NICHOLAS, GRIFFIN	35.00	0.00	35.00
206-336-704.004	106	FIRE	OFFNER, MATTHEW	2,292.50	1,365.00	3,657.50
206-336-704.004	145	FIRE	SHAFER, DOUGLAS	1,575.00	210.00	1,785.00
206-336-704.004	147	FIRE	SHORT, MACKENZIE N	1,260.00	0.00	1,260.00
206-336-704.005	074	FIRE	FINKBEINER, CHAD R.	160.00	0.00	160.00
206-336-704.005	138	FIRE	LINKEWITZ, JOSHUA	20.00	0.00	20.00
206-336-704.005	126	FIRE	MOSS, BENJAMIN	40.00	0.00	40.00
206-336-704.005	106	FIRE	OFFNER, MATTHEW	60.00	0.00	60.00
206-336-704.005	145	FIRE	SHAFER, DOUGLAS	160.00	0.00	160.00
206-336-704.008	108	FIRE	HEATH, BRANDON E	0.00	1,538.64	1,538.64
206-336-704.008	043	FIRE	KANEHL, KEVIN T.	0.00	4,318.68	4,318.68
206-336-704.008	083	FIRE	KENNEDY, KURTIS M.	0.00	3,328.38	3,328.38
206-336-704.008	045	FIRE	KUHN, THOMAS J.	0.00	1,935.96	1,935.96
206-336-704.008	124	FIRE	LESOSKY, KATIE	0.00	3,301.32	3,301.32
206-336-704.008	148	FIRE	MARTINDALE, PATRICK	0.00	1,578.21	1,578.21
206-336-704.008	072	FIRE	MYNY, COLLIN J.	0.00	784.44	784.44
206-336-704.008	109	FIRE	PELLERITO, JOSEPH R	0.00	2,435.18	2,435.18
206-336-704.008	055	FIRE	PFEIFLE, ANDREW J.	0.00	2,717.79	2,717.79
206-336-704.008	140	FIRE	WESSEL, JEFFREY	0.00	1,153.74	1,153.74
206-336-704.011	110	FIRE	FRANCESCHI, ERIC M	0.00	369.90	369.90
206-336-704.011	107	FIRE	HANNA, MATTHEW B	0.00	401.04	401.04

Salaries By GL Fund-Dept Report
For Check Dates 02/01/2024 TO 02/29/2024

GL Number	Employee ID	Home Dept	Name	Reg Amount	OT Amount	Total Amount
206-336-704.011	108	FIRE	HEATH, BRANDON E	0.00	384.66	384.66
206-336-704.011	043	FIRE	KANEHL, KEVIN T.	0.00	446.76	446.76
206-336-704.011	083	FIRE	KENNEDY, KURTIS M.	0.00	324.72	324.72
206-336-704.011	045	FIRE	KUHN, THOMAS J.	0.00	446.76	446.76
206-336-704.011	124	FIRE	LESOSKY, KATIE	0.00	324.72	324.72
206-336-704.011	148	FIRE	MARTINDALE, PATRICK	0.00	305.46	305.46
206-336-704.011	072	FIRE	MYNY, COLLIN J.	0.00	392.22	392.22
206-336-704.011	109	FIRE	PELLERITO, JOSEPH R	0.00	369.90	369.90
206-336-704.011	055	FIRE	PFEIFLE, ANDREW J.	0.00	446.76	446.76
206-336-704.011	140	FIRE	WESSEL, JEFFREY	0.00	337.68	337.68
206-336-723.000	107	FIRE	HANNA, MATTHEW B	300.00	0.00	300.00
206-336-723.000	108	FIRE	HEATH, BRANDON E	300.00	0.00	300.00
Totals For: 206-336				68,293.60	30,687.92	98,981.52
Totals For: 206				68,293.60	30,687.92	98,981.52
Grand Totals				88,972.38	31,349.63	120,322.01

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 215 CLERK					
101-215-860.000	MEMBERSHIPS/MILEAGE	MARY SWIACKI	EV TRAINING AND ELECTION DAY DROP OFF	48.24	
101-215-860.000	MEMBERSHIPS/MILEAGE	MARY SWIACKI	DELIVERED CURED SIGNATURE BALLOT	24.12	
		Total For Dept 215 CLERK		72.36	
Dept 247 BOARD OF REVIEW					
101-247-830.000	EDUCATION/TRAINING/MILEAGE	JOAN FALKENBERG	BOARD OF REVIEW TRAINING	133.77	
101-247-901.000	LEGAL NOTICES/PUBLISHING - B.O.	THE RECORD	BOARD OF REVIEW	113.85	
101-247-901.000	LEGAL NOTICES/PUBLISHING - B.O.	THE RECORD	2ND NOTICE BOARD OF REVIEW	113.85	
101-247-901.000	LEGAL NOTICES/PUBLISHING - B.O.	THE RECORD	3RD NOTICE BOARD OF REVIEW	113.85	
		Total For Dept 247 BOARD OF REVIEW		475.32	
Dept 257 ASSESSING					
101-257-704.000	WAGES - ASSESSING	SANILAC APPRAISERS, INC.	CONTRACT ASSESSING: FEB 15-MARCH 14	3,780.00	
101-257-704.000	WAGES - ASSESSING	SANILAC APPRAISERS, INC.	BASIC MONTHLY - FEBRUARY	100.00	
101-257-780.000	POSTAGE - ASSESSING	KCI	ASSESSMENTS - BALANCE DUE	788.79	
		Total For Dept 257 ASSESSING		4,668.79	
Dept 261 GENERAL GOVERNMENTAL					
101-261-727.000	OFFICE SUPPLIES - GOVT	ODP BUSINESS SOLUTIONS,	HP INK /WRIST COILS FOR ELECTIONS	37.73	
101-261-727.000	OFFICE SUPPLIES - GOVT	ODP BUSINESS SOLUTIONS,	CUPS/5X8 PADS	32.88	
101-261-727.000	OFFICE SUPPLIES - GOVT	ODP BUSINESS SOLUTIONS,	COFFEE	37.98	
101-261-727.000	OFFICE SUPPLIES	SUPERIOR LOCK & KEY, LLC	2 KEYS	13.00	
101-261-780.000	POSTAGE - GOVT	PITNEY BOWES GLOBAL FIN	12323-032924 SENDPRO MAIL STATION	82.08	
101-261-811.000	IT SUPPORT-SERVICE CONTRACT	SOLVIT, INC.	EARLY VOTING COMPUTER ISSUES	445.00	
101-261-811.000	IT SUPPORT-SERVICE CONTRACT	SOLVIT, INC.	MONTHLY SUPPORT & MAINTENANCE	1,745.40	
101-261-901.000	LEGAL NOTICES/PUBLICATIONS- GOV	THE RECORD	MTG SYNOPSIS 1.30.24 X 2	118.00	
101-261-901.000	LEGAL NOTICES/PUBLICATIONS- GOV	THE RECORD	MTG SYNOPSIS: 2.13.24 & 2.14.24	141.23	
101-261-901.000	LEGAL NOTICES/PUBLICATIONS- GOV	THE RECORD	TRUTH IN BUDGETING PUBLIC NOTICE	202.40	
101-261-965.000	SERVICE CHARGES	TRUST AND AGENCY FUND	STOP CK FEE	35.00	
		Total For Dept 261 GENERAL GOVERNMENTAL		2,890.70	
Dept 262 ELECTIONS					
101-262-727.000	OFFICE SUPPLIES - ELECTIONS	ODP BUSINESS SOLUTIONS,	KEY TAGS	7.49	
101-262-727.000	OFFICE SUPPLIES - ELECTIONS	ODP BUSINESS SOLUTIONS,	HP INK /WRIST COILS FOR ELECTIONS	13.40	
101-262-727.000	OFFICE SUPPLIES - ELECTIONS	ODP BUSINESS SOLUTIONS,	MOUSE PAD/PAPER/KEYRING	17.62	
101-262-731.000	VOTING MATERIALS/EQUIP	SOLVIT, INC.	EARLY VOTING LAPTOP SET UP	217.50	
101-262-731.000	VOTING MATERIALS/EQUIP	VINCKIER FOODS	NUMBERS/LETTERS TAPE FOR EV SIGN	8.58	
101-262-731.000	VOTING MATERIALS/EQUIP	VINCKIER FOODS	DUCT TAPE/LETTERS FOR SIGN	30.37	
101-262-901.000	LEGAL NOTICES/PUBLICATIONS -ELE	THE RECORD	ELECTION COMMISSION 2.1.24 MTG	59.00	
101-262-901.000	LEGAL NOTICES/PUBLICATIONS -ELE	THE RECORD	NOTICE OF PRIMARY ELECTION	253.00	
		Total For Dept 262 ELECTIONS		606.96	
Dept 265 BUILDING & GROUNDS					
101-265-930.000	HALL REPAIR ITEMS & CLEANING	SUPERIOR LOCK & KEY, LLC	BLDG/PLANNING RE-KEY/RE-KEY SUPERVISO	201.50	
101-265-930.000	HALL REPAIR ITEMS & CLEANING	GOOD & CLEAN JANITORIAL	FEBRUARY SERVICES	132.00	
		Total For Dept 265 BUILDING & GROUNDS		333.50	
Dept 266 ATTORNEY					
101-266-815.000	MISC MATTERS - ATTORNEY	SEIBERT AND DLOSKI, PLLC	TRAFFIC/ORDINANCE ENFORCEMENT	750.00	
101-266-815.000	MISC MATTERS - ATTORNEY	SEIBERT AND DLOSKI, PLLC	013124-022924 - PROFESSIONAL SERVICES	4,050.00	
		Total For Dept 266 ATTORNEY		4,800.00	
Dept 371 INSPECTIONS					

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 101 GENERAL FUND					
Dept 371 INSPECTIONS	MEMBERSHIPS/MILEAGE	JAMES WADDY	013124-021424	21.44	
101-371-860.000		Total For Dept 371 INSPECTIONS		21.44	
Dept 441 PUBLIC WORKS	STREET LIGHTING - GOVT	MACOMB COUNTY DEPT. OF R	BILL THRU 1/31/24	15.40	
101-441-922.000		Total For Dept 441 PUBLIC WORKS		15.40	
Dept 447 ENGINEERS	SPALDING, DEDECKER & ASSOCIATES	SPALDING Dedecker Associ	SENIOR CENTER ENTRANCE	870.00	
101-447-819.000		Total For Dept 447 ENGINEERS		870.00	
Dept 528 TRANSFER SITE	TRANSFER SITE MONTHLY EXP	GFL ENVIRONMENTAL USA IN	MARCH SERVICE	5,899.26	
101-528-809.000		Total For Dept 528 TRANSFER SITE		5,899.26	
Dept 751 TOWNSHIP PARK	MAINTENANCE - PARK	PRIORITY WASTE, LLC	FEBRUARY SERVICES	93.66	
101-751-930.000		Total For Dept 751 TOWNSHIP PARK		93.66	
Dept 794 SENIOR CENTER	MAINTENANCE - SENIORS	R.C. LOMASNEY & SONS HEA	NEW GAS VALVE: FURNACE REPAIR	492.00	
101-794-930.000	BINGO/CRAFTS/PICNICS	DONNA PEITZ	BINGO	122.18	
101-794-955.000		Total For Dept 794 SENIOR CENTER		614.18	
		Total For Fund 101 GENERAL FUND		21,361.57	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 206 FIRE FUND					
Dept 336 FIRE OPERATING					
206-336-720.001	UNIFORM ALLOWANCE	COOL THREADS EMBROIDERY	24-029 BADGES	292.70	
206-336-720.001	UNIFORM ALLOWANCE	COOL THREADS EMBROIDERY	24-032 PANTS/BELT/SHIRTS	793.51	
206-336-720.001	UNIFORM ALLOWANCE	COOL THREADS EMBROIDERY	24-030 KOHUT: TIE BAR/HAT BAND/CLASS	656.94	
206-336-727.000	OFFICE SUPPLIES	RICOH USA, INC.	24-074 030724-040624	75.94	
206-336-742.000	STATION SUPPLIES	AMAZON CAPITAL SERVICES	24-028 WASTE BASKET/THERMOMETER/COFF	69.67	
206-336-742.000	STATION SUPPLIES	AMAZON CAPITAL SERVICES	24-018 ENVELOPES	5.90	
206-336-742.000	STATION SUPPLIES	AMAZON CAPITAL SERVICES	24-041 DRY ERASE BOARD/CLEANERS	120.50	
206-336-742.000	STATION SUPPLIES	AMAZON CAPITAL SERVICES	24-052 SHOE POLISH/LEATHER CLEANER	23.91	
206-336-797.001	EMS EXPENSES	BOUND TREE MEDICAL, LLC	24-064 SUPPLIES	321.97	
206-336-797.001	EMS EXPENSES	BOUND TREE MEDICAL, LLC	24-072 SUPPLIES	183.16	
206-336-797.001	EMS EXPENSES	LIJNDE GAS & EQUIPMENT IN	24-063 OXYGEN	149.69	
206-336-797.001	EMS EXPENSES	MI DEPT OF PUBLIC HEALTH	24-071 AMBULANCE ASSESSMENT	453.18	
206-336-798.000	FIREFIGHTING EQUIP/SUPPLIES	CONWAY SHIELD	24-035 MOUNTING BRACKETS	81.45	
206-336-799.000	PERSONAL PROTECTIVE EQUIPMENT	PHOENIX SAFETY OUTFITTER	24-040 MARTINDALE: PPE COAT & PANTS	3,649.00	
206-336-801.000	CONTRACTUAL SERVICES	ACCUMED GROUP	FEBRUARY SERVICES	2,313.30	
206-336-801.000	CONTRACTUAL SERVICES	ARBOR PROFESSIONAL SOLUT	24-059	226.45	
206-336-801.000	CONTRACTUAL SERVICES	SEIBERT AND DLOSKI, PLLC	24-057	120.00	
206-336-860.000	FUEL	FOSTER BLUE WATER OIL CO	24-062	570.66	
206-336-860.000	PHONES/INTERNET/MODEMS	T-MOBILE	24-060	44.20	
206-336-920.002	EQUIP/ REPAIR/INSPECTIONS FIRE	SUMMIT FIRE PROTECTION	24-070 ANNUAL EXTINGUISHER SERVICE	552.00	
206-336-930.001	STATION & GROUNDS MAINT/REPAIRS	PRIORITY WASTE, LLC	24-056 FEBRUARY SERVICES	168.66	
206-336-931.000	VEHICLE MAINT/INSPECTIONS	APOLLO FIRE APPARATUS SA	24-048 ENGINE 1	265.00	
206-336-970.000	CAPITAL OUTLAY	CONWAY SHIELD	24-045 BRACKET/STRAP	312.44	
206-336-970.000	CAPITAL OUTLAY	CONWAY SHIELD	24-044 FIRE HOOKS	164.44	
Total For Dept 336 FIRE OPERATING				11,614.67	
Total For Fund 206 FIRE FUND				11,614.67	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 701 TRUST & AGENCY FUND					
Dept 000					
701-000-255.000	DEVELOPER ACCOUNTS	GENERAL FUND.	FINAL CORRECTING ENTRY TO BALANCE T&A	5,396.78	
		Total For Dept 000		5,396.78	
		Total For Fund 701 TRUST & AGENCY FUND		5,396.78	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund 703 TAX FUND					
Dept 000					
703-000-275.000	DUE TO TAXPAYERS	MOEGLE, EDGAR II	2023 Win Tax Refund 13-02-18-300-022	80.29	
		Total For Dept 000		80.29	
		Total For Fund 703 TAX FUND		80.29	

GL Number	Invoice Line Desc	Vendor	Invoice Description	Amount	Check #
Fund Totals:					
			Fund 101 GENERAL FUND	21,361.57	
			Fund 206 FIRE FUND	11,614.67	
			Fund 701 TRUST & AGENC	5,396.78	
			Fund 703 TAX FUND	80.29	
			Total For All Funds:	38,453.31	

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank FIRE FIRE FUND					
02/16/2024	FIRE	770(E)	DTE - FIRE 910001701762	23-743 122123-012224	407.49
02/16/2024	FIRE	771(E)	DTE - FIRE 9100 017 0369 3	23-744 122223-012324	723.08
02/26/2024	FIRE	773(E)	COMCAST - FIRE	24-039 021524-031424	378.15
02/29/2024	FIRE	774(E)	ALLIANCE HEALTH & LIFE	24-037 MARCH MEDICAL	10,317.90
03/04/2024	FIRE	775(E)	HUMANA	MARCH DENTAL	893.66
03/05/2024	FIRE	776(E)	THE HARTFORD FIRE INSURANCE COMPANY	24-049 MARCH PREMIUM	218.25
03/06/2024	FIRE	777(E)	WEX BANK	24-050 FUEL	137.52
02/15/2024	FIRE	18255	SUPPLYDEN	23-636 TOILET PAPER	102.69
02/15/2024	FIRE	18257	ACCUMED GROUP	24-013 JANUARY FEE	1,328.91
02/15/2024	FIRE	18258	AMAZON CAPITAL SERVICES	24-001 PHONE CASE/SCREEN SAVER/CHARGER	37.92
				24-001 WALL CANENDAR/DRY ERASE/SIGN HOL	280.44
				24-005 DESK CHAIR/ADHESIVE TABS/	336.88
				24-010 SELF INKING STAMP/TRASH CAN LINE	71.12
				CREDIT MEMO FOR INVOICE 1JVT-QQGP-3VVV	(139.99)
					586.37
02/15/2024	FIRE	18259	DECKER AGENCY	24-022 PROVIDENT 1 YR PREMIUM 030924-03	2,712.00
02/15/2024	FIRE	18260	PRIORITY WASTE, LLC	24-015 JANUARY SERVICES	93.66
02/15/2024	FIRE	18261	RICOH USA, INC.	24-019 110123-013124	97.23
02/15/2024	FIRE	18262	VINCKIER FOODS ARMADA	24-021 CUTTER/ORANGE GUARD/FOGGER	53.44
				24-021 ELBOWS	20.95
				24-021 SMOKE ALARM	12.99
				24-021 HARDWARE	27.77
				24-021 DUCT TAPE/ICE	32.53
				24-021 PLATES	27.18
				24-021 SPRAY HEAD	13.99
				24-021 FAUCET	55.98
				24-021 3-WAY SWITCH	2.39
				24-021 GARDEN HOSE	17.99
					265.21
02/22/2024	FIRE	18269	DECKER AGENCY	24-032 030924-030925	5,517.50
02/22/2024	FIRE	18270	W. S. DARLEY & CO.	24-034 PLASTIC STRETCHER	954.95
02/27/2024	FIRE	18271	CITI CARDS	23-681 MICHIGAN FIRE INSPECTORS SOCIETY	1,025.00
				24-043 IAAI MEMBERSHIP - KANEHL	103.00
				24-042 SWEMSIC - EMS INSTRUCTOR	470.00
					1,598.00
03/04/2024	FIRE	18272	ACCUMED GROUP	24-047 NOVEMBER SERVICES	1,301.57
				24-046 DECEMBER SERVICES	1,542.99
					2,844.56
FIRE TOTALS:					
Total of 18 Checks:					29,177.13
Less 0 Void Checks:					0.00
Total of 18 Disbursements:					29,177.13

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank GEN GENERAL FUND					
02/16/2024	GEN	989(E)	DTE 910004732582-75250 N. AVE SIREN	122223-012324	42.89
02/16/2024	GEN	990(E)	DTE - 920015567687 -75111 ROMEO PLA	122223-012424	43.63
02/16/2024	GEN	991(E)	DTE - 920015567661 -71671 N. AVE.	122223-012424	43.63
02/23/2024	GEN	994(E)	DTE SIREN 80967 NORTH AVE. -BERLIN	010424-013124	43.63
02/16/2024	GEN	995(E)	DTE ENERGY - SENIOR 9100 017 01499	122223-012324	192.21
02/26/2024	GEN	996(E)	DTE ENERGY - TWP HALL 9100 01701630	010424-013124	149.26
02/26/2024	GEN	997(E)	COMCAST - HALL	021524-031424	464.72
02/28/2024	GEN	998(E)	DTE - SENIOR OUT 9100 017 0356 0	010924-020524	34.20
03/04/2024	GEN	1000(E)	DTE - STREET LIGHTS 910040486490	010124-013124	349.10
02/15/2024	GEN	28219	ASCENSION MI EMPLOYER SOLUTIONS	PHYSICAL EXAM: KOHUT	654.00
				STRESS TEST: KOHUT	250.00
					904.00
02/15/2024	GEN	28220	MACOMB COUNTY SUPERVISORS ASSOCIATI	2024 ASSOCIATION DUES	400.00
02/15/2024	GEN	28221	ODP BUSINESS SOLUTIONS, LLC	POST ITS/COFFEE/NOTE PADS	63.37
02/15/2024	GEN	28222	PITNEY BOWES - SUPPLIES	MAILSTATION INK	127.80
02/15/2024	GEN	28223	DECKER AGENCY	1ST QUARTER 030924-030924	2,813.00
02/22/2024	GEN	28224	APPLIED INNOVATION	011024-020924 ADDL COLOR COPIES	271.32
02/22/2024	GEN	28225	MARY SWIACKI	AMPLIFY GRAPHICS & BRANDING - SCANNER	2,866.00
02/22/2024	GEN	28226	WADE TRIM INC.	MONTHLY RETAINER THRU 1.26.24	560.00
02/27/2024	GEN	28227	CITI CARDS	030624-040524 MAILCHIMP FOR NOTIFICATIO	13.00
				020824-030724 GOTOMEETING	19.00
					32.00
03/04/2024	GEN	28228	CARR'S MOTORCOACH, LLC	DEPOSIT: JULY 18, 2024 HURON LADY II RI	220.00
				DEPOSIT: JUNE 13, 2024 MOTOWN MUSEUM	215.00
					435.00
03/04/2024	GEN	28229	MOTOWN MUSEUM	DEPOSIT: RESERVATIONS	350.00
03/05/2024	GEN	28230	APPLIED INNOVATION	101024-022924	218.51
03/07/2024	GEN	28231	BECKI BRICE	EARLY VOTING TRAINING	50.92
03/07/2024	GEN	28232	BRENDA PINSKEY	EARLY VOTING TRAINING	29.48
03/07/2024	GEN	28233	BROOKE SNIESAK	EARLY VOTING TRAINING	50.92
03/07/2024	GEN	28234	DENISE CARLSON	EARLY VOTING TRAINING	48.24
03/07/2024	GEN	28235	DIANE BARR	EARLY VOTING TRAINING	48.24
03/07/2024	GEN	28236	DOMINIC ZERILLI	EARLY VOTING TRAINING	55.74
03/07/2024	GEN	28237	FRANK PARISE	EARLY VOTING TRAINING	45.56
03/07/2024	GEN	28238	JAN MUELLER	EARLY VOTING TRAINING	33.50
03/07/2024	GEN	28239	JEFFERY WALLACE	EARLY VOTING TRAINING	28.14
03/07/2024	GEN	28240	JESSIE KANEHL	EARLY VOTING TRAINING	53.60
03/07/2024	GEN	28241	JOANN GAZZARATO	EARLY VOTING TRAINING	50.92
03/07/2024	GEN	28242	KATHLEEN BOLIO	EARLY VOTING TRAINING	71.69
03/07/2024	GEN	28243	KEVIN GRAND	EARLY VOTING TRAINING	65.93
03/07/2024	GEN	28244	MARCIA HOLLINS	EARLY VOTING TRAINING	28.14
03/07/2024	GEN	28245	MARIE KORBLEY	EARLY VOTING TRAINING	22.78
03/07/2024	GEN	28246	MARJORIE CLANCY	EARLY VOTING TRAINING	40.20
03/07/2024	GEN	28247	MICHAEL SPRING	EARLY VOTING TRAINING	48.24
03/07/2024	GEN	28248	MICHELLE POULOS	EARLY VOTING TRAINING	22.78
03/07/2024	GEN	28249	MICHELLE SHORT	EARLY VOTING TRAINING	61.64
03/07/2024	GEN	28250	NICOLE FOXLEE	EARLY VOTING TRAINING	45.56
03/07/2024	GEN	28251	ROSS BOELKE	EARLY VOTING TRAINING	31.49
03/07/2024	GEN	28252	SUSAN KIRCHNER	EARLY VOTING TRAINING	53.60
03/07/2024	GEN	28253	THEOPHIS HOLLINS	EARLY VOTING TRAINING	28.14

milage

Check Date	Bank	Check	Vendor Name	Description	Amount
GEN TOTALS:					
Total of 44 Checks:					
Less 0 Void Checks:					
Total of 44 Disbursements:					
					11,419.72
					0.00
					<u>11,419.72</u>

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank T&A T&A FUND					
02/15/2024	T&A	3372	Home Inspection Plus	BD Bond Refund	250.00
03/05/2024	T&A	3373	CLASSIC REMODELING	BD Bond Refund	250.00
T&A TOTALS:					
Total of 2 Checks:					500.00
Less 0 Void Checks:					0.00
Total of 2 Disbursements:					500.00

Check Date	Bank	Check	Vendor Name	Description	Amount
Bank TAX TAX FUND CHECKING					
02/20/2024	TAX	3436	EDGAR MOEGLE II	DUE TO TAXPAYERS	80.29
02/20/2024	TAX	3437	LAKE MICHIGAN CREDIT UNION	DUE TO TAXPAYERS DUE TO TAXPAYERS	114.41 192.61
					307.02
02/20/2024	TAX	3438	ARMADA AREA SCHOOLS	DUE TO ARMADA AREA SCHOOLS DEBT DUE TO ARMADA AREA SCHOOLS OPERATING DUE TO ARMADA AREA SCHOOLS SINKING FUND	408,846.11 823,447.02 48,873.22
					1,281,166.35
02/20/2024	TAX	3439	MACOMB COUNTY TREASURER	DUE TO STATE OF MICHIGAN ARMADA	5,104.06
02/20/2024	TAX	3440	MACOMB INTERMEDIATE SCHOOL DISTRICT	DUE TO MACOMB INTERMEDIATE SCHOOLS DEBT DUE TO MACOMB INTERMEDIATE SCHOOLS DEBT	3,895.59 10,071.62
					13,967.21
02/20/2024	TAX	3441	MACOMB COMMUNITY COLLEGE	DUE TO MACOMB COUNTY COMMUNITY COLLEGE	1,184.37
02/20/2024	TAX	3442	MACOMB COUNTY TREASURER	DUE TO MACOMB COUNTY	193,635.83
02/20/2024	TAX	3443	ARMADA TOWNSHIP	DUE TO GENERAL FUND	90,945.06
02/20/2024	TAX	3444	ARMADA FREE LIBRARY	DUE TO LIBRARY	132,787.28
02/20/2024	TAX	3445	ARMADA FIRE DEPARTMENT	DUE TO FIRE FUND OPERATING DUE TO FIRE FUND ALS	131,705.47 188,316.14
					320,021.61
TAX TOTALS:					
Total of 10 Checks:					2,039,199.08
Less 0 Void Checks:					0.00
Total of 10 Disbursements:					2,039,199.08
REPORT TOTALS:					
Total of 74 Checks:					2,080,295.93
Less 0 Void Checks:					0.00
Total of 74 Disbursements:					2,080,295.93

PERIOD ENDING 03/31/2024

GL NUMBER	DESCRIPTION	2023-24		YTD BALANCE 03/31/2024	ACTIVITY FOR MONTH 03/31/2024	AVAILABLE	
		AMENDED BUDGET	NORMAL			BALANCE	% BDGT
					INCREASE (DECREASE)	NORMAL (ABNORMAL)	USED
Fund 206 - FIRE FUND							
Revenues							
Dept 000							
206-000-403.003	CURRENT TAX REVENUE-SAD	898,549.00		715,598.63	0.00	182,950.37	79.64
206-000-403.005	CURRENT TAX REVENUE - ALS	568,243.00		479,663.12	0.00	88,579.88	84.41
206-000-505.005	FY GRANT INCOME	254,250.00		113,025.90	0.00	141,224.10	44.45
206-000-528.000	COVID19 OTHER FEDERAL GRANTS - REVENUE	1.00		0.00	0.00	1.00	0.00
206-000-528.001	HAZARD PAY REIMBURSEMENT	1.00		0.00	0.00	1.00	0.00
206-000-626.006	FIRE CONTRACT - RICHMOND	1.00		0.00	0.00	1.00	0.00
206-000-626.008	OTHER REVENUE/COST RECOVERY	2,000.00		12,063.65	4,938.80	(10,063.65)	603.18
206-000-627.025	INSPECTIONS / SITE PLAN REVIEW	100.00		0.00	0.00	100.00	0.00
206-000-638.011	ALS TRANSPORT INCOME	275,000.00		302,719.73	0.00	(27,719.73)	110.08
206-000-664.000	INTEREST & DIVIDEND REVENUE	500.00		17,798.94	0.00	(17,298.94)	3,559.79
206-000-674.007	DONATIONS	1.00		1,505.00	0.00	(1,504.00)	150,500.00
206-000-676.000	15% HEALTH INS REIMB FULL TIME	19,455.00		12,703.37	0.00	6,751.63	65.30
206-000-676.009	FAIR/STANDBY FEES	18,000.00		26,128.76	0.00	(8,128.76)	145.16
206-000-676.022	CPRY/AED TRAINING REIMBURSEMENT	100.00		3,955.00	0.00	(3,855.00)	3,955.00
206-000-687.000	REFUNDS	250.00		0.00	0.00	250.00	0.00
206-000-693.000	ASSET SALES	20,000.00		24,500.00	0.00	(4,500.00)	122.50
Total Dept 000		2,056,451.00		1,709,662.10	4,938.80	346,788.90	83.14
TOTAL REVENUES							
		2,056,451.00		1,709,662.10	4,938.80	346,788.90	83.14
Expenditures							
Dept 336 - FIRE OPERATING							
206-336-704.000	FIRE CHIEF SALARY	73,000.00		35,804.58	0.00	37,195.42	49.05
206-336-704.001	ASST FIRE CHIEF WAGES	1.00		0.00	0.00	1.00	0.00
206-336-704.002	ADMIN WAGES	3,600.00		3,323.04	0.00	276.96	92.31
206-336-704.003	FULL TIME WAGES	698,483.00		624,846.56	0.00	73,636.44	89.46
206-336-704.004	PART TIME WAGES	174,000.00		164,254.01	0.00	9,745.99	94.40
206-336-704.005	PAID ON CALL WAGES	20,000.00		6,340.00	0.00	13,660.00	31.70
206-336-704.008	OVERTIME	164,000.00		154,506.31	0.00	9,493.69	94.21
206-336-704.009	COVID19 EXPENSES/HAZARD PAY	1.00		0.00	0.00	1.00	0.00
206-336-704.010	COVID19 EXPENSES/PERSONNEL OVERTIME	1.00		0.00	0.00	1.00	0.00
206-336-704.011	FULL TIME FLSA OT WAGES	60,050.00		65,529.00	0.00	(5,479.00)	109.12
206-336-710.000	LIABILITY/WORK COMP INSURANCE	52,000.00		46,771.00	0.00	5,229.00	89.94
206-336-713.301	HOLIDAY PAY	38,400.00		38,400.00	0.00	0.00	100.00
206-336-720.001	UNIFORM ALLOWANCE EMS	13,500.00		11,652.16	0.00	1,847.84	86.31
206-336-721.000	EMPLOYER'S FICA - FIRE	74,840.00		68,391.97	0.00	6,448.03	91.38
206-336-722.000	EMPLOYER'S MEDICARE - FIRE	17,500.00		15,994.89	0.00	1,505.11	91.40
206-336-723.000	HEALTH INSURANCE	163,500.00		119,733.09	0.00	43,766.91	73.23
206-336-724.000	RETIREMENT - CHIEF	7,300.00		2,972.58	1,111.91	4,327.42	40.72
206-336-724.001	RETIREMENT-MERS	55,605.00		67,072.75	0.00	(11,467.75)	120.62
206-336-727.000	OFFICE SUPPLIES	5,000.00		4,524.43	0.00	475.57	90.49
206-336-742.000	STATION SUPPLIES	4,000.00		4,217.66	0.00	(217.66)	105.44
206-336-743.000	VEHICLE SUPPLIES	1,350.00		1,186.57	0.00	163.43	87.89
206-336-751.000	COVID19 EXPENSES/SUPPLIES	1.00		0.00	0.00	1.00	0.00
206-336-780.000	POSTAGE/SHIPPING CHARGES	500.00		296.40	0.00	203.60	59.28
206-336-797.000	FIRE & LIFE SAFETY DIVISION	7,500.00		7,559.83	0.00	(59.83)	100.80
206-336-797.001	EMS EXPENSES	13,000.00		11,854.59	0.00	1,145.41	91.19
206-336-798.000	FIREFIGHTING EQUIP/SUPPLIES	10,000.00		6,568.65	0.00	3,431.35	65.69
206-336-799.000	PERSONAL PROTECTIVE EQUIP	15,000.00		25,896.14	0.00	(10,896.14)	172.64
206-336-801.000	CONTRACTUAL SERVICES	25,000.00		30,127.97	0.00	(5,127.97)	120.51
206-336-803.000	AUDIT/ACCOUNTING	10,000.00		12,010.00	0.00	(2,010.00)	120.10
206-336-825.000	DISPATCHING/RADIO/FRMS	40,000.00		20,373.55	0.00	19,626.45	50.93

PERIOD ENDING 03/31/2024

GL NUMBER	DESCRIPTION	2023-24		YTD BALANCE		ACTIVITY FOR		AVAILABLE	
		AMENDED BUDGET	NORMAL	03/31/2024	03/31/2024	MONTH 03/31/2024	INCREASE (DECREASE)	BALANCE	% BDGT
				NORMAL (ABNORMAL)				NORMAL (ABNORMAL)	USED
Fund 206 - FIRE FUND									
Expenditures									
206-336-830.000	EDUCATION/TRAINING	28,000.00		12,935.93		0.00		15,064.07	46.20
206-336-860.000	FUEL FIRE	20,000.00		14,166.37		137.52		5,833.63	70.83
206-336-920.000	UTILITIES	15,225.00		12,642.07		0.00		2,582.93	83.03
206-336-920.002	PHONES/INTERNET/MODEMS	8,000.00		8,143.59		0.00		(143.59)	101.79
206-336-930.001	EQUIP/ REPAIR/INSPECTIONS FIRE	10,950.00		9,028.96		0.00		1,921.04	82.46
206-336-930.002	EQUIP/ REPAIR/INSPECTIONS EMS	23,150.00		20,172.73		0.00		2,977.27	87.14
206-336-930.003	STATION & GROUNDS MAINT/REPAIRS FIRE	18,000.00		10,618.11		0.00		7,381.89	58.99
206-336-931.000	VEHICLE MAINT/INSPECTIONS EMS	23,000.00		34,147.96		0.00		(11,147.96)	148.47
206-336-955.000	COMMUNITY OUTREACH	2,000.00		1,928.54		0.00		71.46	96.43
206-336-955.001	REST AND REHAB	500.00		85.19		0.00		414.81	17.04
206-336-969.000	GRANT EXPENSES	1.00		0.00		0.00		1.00	0.00
206-336-970.000	CAPITAL OUTLAY	47,608.58		6,995.63		0.00		40,612.95	14.69
206-336-970.002	ASSET SALE EXPENSES	0.00		20.00		0.00		(20.00)	100.00
206-336-971.013	BUILDING REMODELING/UPDATES FIRE	10,000.00		0.00		0.00		10,000.00	0.00
206-336-991.001	AMBULANCE BANK LOAN	34,894.39		0.00		0.00		34,894.39	0.00
206-336-991.002	ENGINE - BANK LOANS	47,108.00		47,107.48		0.00		0.52	100.00
206-336-993.006	RR INTEREST BREAKOUT	20,882.03		5,372.88		0.00		15,509.15	25.73

Total Dept 336 - FIRE OPERATING	2,056,451.00	1,733,573.17	1,249.43	322,877.83	84.30
---------------------------------	--------------	--------------	----------	------------	-------

TOTAL EXPENDITURES	2,056,451.00	1,733,573.17	1,249.43	322,877.83	84.30
--------------------	--------------	--------------	----------	------------	-------

Fund 206 - FIRE FUND:					
TOTAL REVENUES	2,056,451.00	1,709,662.10	4,938.80	346,788.90	83.14
TOTAL EXPENDITURES	2,056,451.00	1,733,573.17	1,249.43	322,877.83	84.30
NET OF REVENUES & EXPENDITURES	0.00	(23,911.07)	3,689.37	23,911.07	100.00

GGL NUMBER	DESCRIPTION	2023-24	YTD BALANCE		ACTIVITY FOR MONTH 03/31/2024	AVAILABLE	
		AMENDED BUDGET	NORMAL	(ABNORMAL)		NORMAL	(ABNORMAL)
Fund 101 - GENERAL FUND							
Revenues							
Dept 000							
101-000-402.001	TAX REVENUE	274,083.00	303,514.94		0.00	(29,431.94)	110.74
101-000-448.002	TAX COLLECTION INCOME	5,654.25	0.00		0.00	5,654.25	0.00
101-000-491.000	BUILDING PERMITS	46,000.00	37,276.00		0.00	8,724.00	81.03
101-000-492.000	ELECTRICAL PERMITS	16,000.00	11,903.00		0.00	4,097.00	74.39
101-000-493.000	MECHANICAL PERMITS	20,000.00	8,050.00		0.00	11,950.00	40.25
101-000-494.000	PLUMBING PERMITS	9,000.00	4,708.00		0.00	4,292.00	52.31
101-000-528.000	FEDERAL GRANTS	22,000.00	0.00		0.00	22,000.00	0.00
101-000-543.005	STATE GRANT PUBLIC SAFETY	1.00	21,812.00		0.00	(21,811.00)	2,181,20
101-000-573.000	LOCAL COMMUNITY SHARE	8,000.00	3,798.86		0.00	4,201.14	47.49
101-000-574.001	LIQUOR / STATE SHARED	1,300.00	928.95		0.00	371.05	71.46
101-000-574.002	SALES / REVENUE SHARING	396,000.00	334,352.00		0.00	61,648.00	84.43
101-000-587.001	SMART- MUNICIPAL	2,400.00	6,665.00		975.00	(4,265.00)	277.71
101-000-587.002	SMART - COMMUNITY	10,540.00	2,795.00		0.00	7,745.00	26.52
101-000-607.001	ZONING BOARD OF APPEALS	1,280.00	640.00		0.00	640.00	50.00
101-000-607.002	ZONING SPLITS/LAND DIVISION	3,500.00	1,840.00		0.00	1,660.00	52.57
101-000-607.004	SPECIAL MTGS / REVIEWS-PLANNING	15,000.00	711.39		0.00	14,288.61	4.74
101-000-607.005	CEMETERY PLOTS	1.00	0.00		0.00	1.00	0.00
101-000-607.006	XEROX / ZONING BOOKS	1.00	0.00		0.00	1.00	0.00
101-000-626.003	REFUNDS/FOIA/OTHER INCOME	1.00	893.24		0.00	(892.24)	89,324.0
101-000-627.000	REINSPECTIONS	2,000.00	1,150.00		0.00	850.00	57.50
101-000-651.001	SENIOR EVENT TICKETS	10,000.00	2,931.00		0.00	7,069.00	29.31
101-000-657.004	ORDINANCE FINES & COSTS	2,500.00	1,151.85		0.00	1,348.15	46.07
101-000-664.000	INTEREST & DIVIDEND REVENUE	7,000.00	36,529.05		0.00	(29,529.05)	521.84
101-000-671.000	PROPERTY LEASE - FARMING	1,434.00	1,433.70		0.00	0.30	99.98
101-000-676.006	ELECTION REIMBURSEMENT	5,000.00	9,569.04		0.00	(4,569.04)	191.38
101-000-693.023	SALE OF PROPERTY	1.00	0.00		0.00	1.00	0.00
101-000-698.000	BOND/INSURANCE RECOVERIES	1.00	1,419.46		0.00	(1,418.46)	141,946.
Total Dept 000		858,697.25	794,072.48		975.00	64,624.77	92.47
TOTAL REVENUES							
		858,697.25	794,072.48		975.00	64,624.77	92.47
Expenditures							
Dept 101 - GOVERNING BODY							
101-101-704.000	WAGES - TRUSTEES	8,523.70	7,813.30		710.30	710.40	91.67
101-101-721.000	EMPLOYER'S FICA	500.00	484.42		44.04	15.58	96.88
101-101-722.000	EMPLOYER'S MEDICARE	120.00	113.30		10.30	6.70	94.42
101-101-830.000	EDU/TRAINING/SEMOG DUES - GOVT	1,500.00	852.00		0.00	648.00	56.80
Total Dept 101 - GOVERNING BODY		10,643.70	9,263.02		764.64	1,380.68	87.03
Dept 171 - SUPERVISOR							
101-171-704.000	WAGES - SUPERVISOR	29,316.09	27,060.96		0.00	2,255.13	92.31
101-171-721.000	EMPLOYER'S FICA	2,388.00	1,918.14		0.00	469.86	80.32
101-171-722.000	EMPLOYER'S MEDICARE	559.00	448.59		0.00	110.41	80.25
101-171-723.000	HEALTH INSURANCE	4,200.00	3,876.72		0.00	323.28	92.30
101-171-830.000	EDUCATION/TRAINING	625.00	365.00		0.00	260.00	58.40
101-171-860.000	MEMBERSHIPS/MILEAGE	625.00	899.17		0.00	(274.17)	143.87
Total Dept 171 - SUPERVISOR		37,713.09	34,568.58		0.00	3,144.51	91.66

User: CLERK

DB: ARMADA TWP

PERIOD ENDING 03/31/2024

GGL NUMBER	DESCRIPTION	2023-24	YTD BALANCE		ACTIVITY FOR		AVAILABLE	
		AMENDED BUDGET	NORMAL	(ABNORMAL)	MONTH 03/31/2024	INCREASE (DECREASE)	NORMAL	(ABNORMAL)
Fund 101 - GENERAL FUND								
Expenditures								
Dept 215 - CLERK								
101-215-704.000	WAGES - CLERK	34,647.85	31,982.64		0.00		2,665.21	92.31
101-215-705.000	DEPUTY WAGES - CLERK	20,000.00	18,941.84		0.00		1,058.16	94.71
101-215-721.000	EMPLOYER'S FICA	3,835.00	3,397.67		0.00		437.33	88.60
101-215-722.000	EMPLOYER'S MEDICARE	897.00	794.62		0.00		102.38	88.59
101-215-723.000	HEALTH INSURANCE	4,200.00	3,876.72		0.00		323.28	92.30
101-215-811.000	BS&A SUPPORT/COMPUTE	23,586.00	3,876.72		0.00		19,709.28	16.44
101-215-830.000	EDUCATION/TRAINING	600.00	600.00		0.00		0.00	100.00
101-215-860.000	MEMBERSHIPS/MILEAGE	600.00	600.00		0.00		0.00	100.00
Total Dept 215 - CLERK		88,365.85	64,070.21		0.00		24,295.64	72.51
Dept 247 - BOARD OF REVIEW								
101-247-704.000	WAGES - BOARD OF REVIEW	1,100.00	270.05		0.00		829.95	24.55
101-247-721.000	EMPLOYER'S FICA	68.20	16.74		0.00		51.46	24.55
101-247-722.000	EMPLOYER'S MEDICARE	15.95	3.92		0.00		12.03	24.58
101-247-830.000	EDUCATION/TRAINING/MILEAGE	900.00	174.27		0.00		725.73	19.36
101-247-901.000	LEGAL NOTICES/PUBLISHING - B.O.R.	350.00	0.00		0.00		350.00	0.00
101-247-957.000	MEALS	100.00	0.00		0.00		100.00	0.00
Total Dept 247 - BOARD OF REVIEW		2,534.15	464.98		0.00		2,069.17	18.35
Dept 253 - TREASURER								
101-253-704.000	WAGES - TREASURER	32,191.52	29,715.36		0.00		2,476.16	92.31
101-253-705.000	DEPUTY WAGES - TREASURER	13,000.00	0.00		0.00		13,000.00	0.00
101-253-721.000	EMPLOYER'S FICA	3,187.00	2,082.72		0.00		1,104.28	65.35
101-253-722.000	EMPLOYER'S MEDICARE	717.00	487.07		0.00		229.93	67.93
101-253-723.000	HEALTH INSURANCE	4,200.00	3,876.72		0.00		323.28	92.30
101-253-780.000	POSTAGE - TREASURER	5,000.00	3,205.89		0.00		1,794.11	64.12
101-253-811.000	COMPUTER SUPPORT/MAINT TREAS	1,258.00	1,258.00		0.00		0.00	100.00
101-253-830.000	EDUCATION/TRAINING -TREASURER	200.00	26.00		0.00		174.00	13.00
101-253-860.000	MEMBERSHIPS/MILEAGE	100.00	50.48		0.00		49.52	50.48
Total Dept 253 - TREASURER		59,853.52	40,702.24		0.00		19,151.28	68.00
Dept 257 - ASSESSING								
101-257-704.000	WAGES - ASSESSING	43,200.00	39,320.00		0.00		3,880.00	91.02
101-257-727.000	OFFICE SUPPLIES - ASSESSOR	50.00	0.00		0.00		50.00	0.00
101-257-780.000	POSTAGE - ASSESSING	2,400.00	1,136.39		0.00		1,263.61	47.35
101-257-801.000	LAND DIVISION	1,500.00	625.00		0.00		875.00	41.67
101-257-811.000	COMPUTER SUPPORT/MAINT ASSESSING	22,000.00	3,529.00		0.00		18,471.00	16.04
101-257-811.001	APEX SOFTWARE/SUPPORT FEE	300.00	260.00		0.00		40.00	86.67
101-257-830.000	EDUCATION/TRAINING	800.00	620.00		0.00		180.00	77.50
101-257-860.000	MEMBERSHIPS/MILEAGE	250.00	0.00		0.00		250.00	0.00
Total Dept 257 - ASSESSING		70,500.00	45,490.39		0.00		25,009.61	64.53
Dept 261 - GENERAL GOVERNMENTAL								
101-261-710.000	LIABILITY/WORK COMP INSURANCE	12,000.00	12,000.00		0.00		0.00	100.00
101-261-719.000	LIFE INSURANCE - GOVERNMENTAL	1,650.00	1,650.00		0.00		0.00	100.00
101-261-727.000	OFFICE SUPPLIES	5,000.00	5,000.00		0.00		0.00	100.00
101-261-780.000	POSTAGE	2,500.00	1,998.17		0.00		501.83	79.93

PERIOD ENDING 03/31/2024

GL NUMBER	DESCRIPTION	2023-24		YTD BALANCE 03/31/2024	ACTIVITY FOR MONTH 03/31/2024		AVAILABLE BALANCE NORMAL (ABNORMAL)	% BDGT USED
		AMENDED BUDGET	NORMAL (ABNORMAL)		INCREASE (DECREASE)	NORMAL (ABNORMAL)		
Fund 101 - GENERAL FUND								
Expenditures								
101-261-802.001	MASTER PLAN UPDATE	6,250.00		4,687.50	0.00	1,562.50	75.00	
101-261-802.004	ZONING ORDINANCE UPDATE	21,000.00		4,504.50	0.00	16,495.50	21.45	
101-261-803.000	AUDIT	10,950.00		10,950.00	0.00	0.00	100.00	
101-261-811.000	IT SUPPORT-SERVICE CONTRACT	22,333.00		20,477.82	0.00	1,855.18	91.69	
101-261-860.000	MTA MEMBERSHIP/MILEAGE	7,700.00		7,683.61	0.00	16.39	99.79	
101-261-901.000	LEGAL NOTICES/PUBLICATIONS- GOVT UTILITIES	3,500.00		3,408.40	0.00	91.60	97.38	
101-261-920.000	INTERNET/PHONE/WEBSITE/ALARM	6,500.00		4,897.48	0.00	1,602.52	75.35	
101-261-920.001	COPIER - SUPPLIES/MAINT	8,000.00		7,294.45	0.00	705.55	91.18	
101-261-940.000	COPIER - SUPPLIES/MAINT	3,417.66		3,373.91	218.51	43.75	98.72	
101-261-960.000	MISCELLANEOUS EXPENSE	8,176.78		8,176.74	0.00	0.04	100.00	
101-261-961.000	FLAGS, BANNERS, SIGNS	600.00		458.32	0.00	141.68	76.39	
101-261-964.000	REFUNDS	200.00		0.00	0.00	200.00	0.00	
101-261-965.000	SERVICE CHARGES	100.00		0.00	0.00	100.00	0.00	
Total Dept 261 - GENERAL GOVERNMENTAL		119,877.44		96,560.90	218.51	23,316.54	80.55	
Dept 262 - ELECTIONS								
101-262-704.000	WAGES - ELECTIONS	12,000.00		11,038.50	7,300.00	961.50	91.99	
101-262-721.000	EMPLOYER'S FICA	744.00		665.96	555.75	78.04	89.51	
101-262-722.000	EMPLOYER'S MEDICARE	174.00		155.74	129.97	18.26	89.51	
101-262-727.000	OFFICE SUPPLIES - ELECTIONS	1,800.00		432.29	0.00	1,367.71	24.02	
101-262-731.000	VOTING MATERIALS/EQUIP	4,650.00		4,650.00	0.00	0.00	100.00	
101-262-780.000	POSTAGE - ELECTIONS	4,200.00		3,303.01	0.00	896.99	78.64	
101-262-830.000	EDUCATION/TRAINING	1,000.00		1,905.49	1,663.50	(905.49)	190.55	
101-262-860.000	MEMBERSHIPS/MILEAGE	700.00		1,541.28	1,015.45	(841.28)	220.18	
101-262-901.000	LEGAL NOTICES/PUBLICATIONS -ELECTIONS	1,600.00		1,085.13	0.00	514.87	67.82	
101-262-957.000	MEALS	750.00		229.63	0.00	520.37	30.62	
Total Dept 262 - ELECTIONS		27,618.00		25,007.03	10,664.67	2,610.97	90.55	
Dept 265 - BUILDING & GROUNDS								
101-265-704.000	WAGES - BLDG/GROUNDS	5,000.00		4,189.98	0.00	810.02	83.80	
101-265-721.000	EMPLOYER'S FICA	124.00		69.83	0.00	54.17	56.31	
101-265-722.000	EMPLOYER'S MEDICARE	30.00		16.34	0.00	13.66	54.47	
101-265-801.000	CONTRACTUAL SERVICES	10,000.00		10,000.00	0.00	0.00	100.00	
101-265-821.000	SNOW & GRASS SERVICES	5,500.00		3,870.00	0.00	1,630.00	70.36	
101-265-930.000	HALL REPAIR ITEMS & CLEANING	8,060.00		5,596.47	0.00	2,463.53	69.44	
101-265-955.000	PROPERTY EXPENSES/TAXES	1.00		0.00	0.00	1.00	0.00	
Total Dept 265 - BUILDING & GROUNDS		28,715.00		23,742.62	0.00	4,972.38	82.68	
Dept 266 - ATTORNEY								
101-266-815.000	MISC MATTERS - ATTORNEY	22,500.00		12,480.00	0.00	10,020.00	55.47	
Total Dept 266 - ATTORNEY		22,500.00		12,480.00	0.00	10,020.00	55.47	
Dept 267								
101-267-704.000	WAGES - STAFF ASSISTANT	4,824.00		1,147.38	0.00	3,676.62	23.78	
101-267-721.000	EMPLOYER'S FICA	300.00		71.14	0.00	228.86	23.71	
101-267-722.000	EMPLOYER'S MEDICARE	70.00		16.64	0.00	53.36	23.77	

User: CLERK

DB: ARMADA TWP

PERIOD ENDING 03/31/2024

GL NUMBER	DESCRIPTION	2023-24		YTD BALANCE 03/31/2024 NORMAL (ABNORMAL)	ACTIVITY FOR MONTH 03/31/2024 INCREASE (DECREASE)	AVAILABLE BALANCE		% BDGT USED
		AMENDED BUDGET	NORMAL			NORMAL	(ABNORMAL)	
Fund 101 - GENERAL FUND								
Expenditures								
Total Dept 267 - STAFF ASSISTANT		5,194.00		1,235.16	0.00	3,958.84	23.78	
Dept 301 - ORDINANCE ENFORCEMENT								
101-301-704.000	WAGES - CODE OFFICIAL	2,357.00		0.00	0.00	2,357.00	0.00	
101-301-711.000	LIQUOR INSPECTIONS	1,300.00		1,181.62	107.42	118.38	90.89	
101-301-721.000	EMPLOYER'S FICA	1,011.00		73.26	6.66	937.74	7.25	
101-301-722.000	EMPLOYER'S MEDICARE	237.00		17.14	1.56	219.86	7.23	
101-301-860.000	MEMBERSHIPS/MILEAGE	750.00		0.00	0.00	750.00	0.00	
101-301-920.000	TELEPHONE	1,000.00		0.00	0.00	1,000.00	0.00	
Total Dept 301 - ORDINANCE ENFORCEMENT		6,655.00		1,272.02	115.64	5,382.98	19.11	
Dept 371 - INSPECTIONS								
101-371-704.000	WAGES - INSPECTIONS	35,450.00		24,987.00	0.00	10,463.00	70.49	
101-371-706.000	ELECTRICAL WAGES	9,000.00		6,585.20	617.98	2,414.80	73.17	
101-371-707.000	MECHANICAL WAGES	11,000.00		4,187.23	55.25	6,812.77	38.07	
101-371-708.000	PLUMBING WAGES	6,000.00		3,467.03	45.72	2,532.97	57.78	
101-371-709.000	SECRETARY WAGES	31,096.00		28,704.00	0.00	2,392.00	92.31	
101-371-713.001	VACATION- SECY	2,500.00		494.50	0.00	2,005.50	19.78	
101-371-721.000	EMPLOYER'S FICA	5,900.00		4,242.35	44.57	1,657.65	71.90	
101-371-722.000	EMPLOYER'S MEDICARE	1,400.00		992.12	10.43	407.88	70.87	
101-371-723.000	HEALTH INSURANCE	1.00		0.00	0.00	1.00	0.00	
101-371-724.000	RETIREMENT	1.00		0.00	0.00	1.00	0.00	
101-371-727.000	OFFICE SUPPLIES - INSPECTIONS	500.00		119.00	0.00	381.00	23.80	
101-371-780.000	POSTAGE - BUILDING	200.00		66.66	0.00	133.34	33.33	
101-371-811.000	COMPUTER SUPPORT/MAINT BLDG	22,000.00		4,203.00	0.00	17,797.00	19.10	
101-371-860.000	MEMBERSHIPS/MILEAGE	1,400.00		1,352.92	0.00	47.08	96.64	
101-371-920.001	TELEPHONE - BLDG	1,600.00		597.63	0.00	1,002.37	37.35	
101-371-964.000	REFUNDS	3,000.00		624.00	0.00	2,376.00	20.80	
Total Dept 371 - INSPECTIONS		131,048.00		80,622.64	773.95	50,425.36	61.52	
Dept 441 - PUBLIC WORKS								
101-441-801.000	SIRENS/MAINTENANCE/DTE	17,160.00		7,554.51	0.00	9,605.49	44.02	
101-441-922.000	STREET LIGHTING - GOVT	3,500.00		3,265.68	349.10	234.32	93.31	
Total Dept 441 - PUBLIC WORKS		20,660.00		10,820.19	349.10	9,839.81	52.37	
Dept 446 - ROADS								
101-446-801.000	MAINTENANCE/CHLORIDE - ROADS	40,239.00		40,238.00	0.00	1.00	100.00	
101-446-801.001	DRAIN MAINTENANCE	1.00		0.00	0.00	1.00	0.00	
101-446-801.002	LIMESTONE	30,000.00		30,000.00	0.00	0.00	100.00	
Total Dept 446 - ROADS		70,240.00		70,238.00	0.00	2.00	100.00	
Dept 447 - ENGINEERS								
101-447-819.000	SPALDING, DEDECKER & ASSOCIATES	20,000.00		5,730.00	0.00	14,270.00	28.65	
Total Dept 447 - ENGINEERS		20,000.00		5,730.00	0.00	14,270.00	28.65	

GL NUMBER	DESCRIPTION	2023-24		YTD BALANCE		ACTIVITY FOR		AVAILABLE	
		AMENDED BUDGET	NORMAL	03/31/2024	(ABNORMAL)	MONTH 03/31/2024	INCREASE (DECREASE)	BALANCE	% BDGT USED
Fund 101 - GENERAL FUND									
Expenditures									
Dept 528 - TRANSFER SITE									
101-528-704.000	WAGES - TRANSFER SITE	1,510.00		134.00		0.00		1,376.00	8.87
101-528-721.000	EMPLOYER'S FICA	100.00		8.31		0.00		91.69	8.31
101-528-722.000	EMPLOYER'S MEDICARE	24.00		1.95		0.00		22.05	8.13
101-528-809.000	TRANSFER SITE MONTHLY EXP	69,065.00		63,165.74		0.00		5,899.26	91.46
101-528-930.000	MAINTENANCE -TRANSFER SITE	1,500.00		337.32		0.00		1,162.68	22.49
Total Dept 528 - TRANSFER SITE		72,199.00		63,647.32		0.00		8,551.68	88.16
Dept 567 - TOWNSHIP CEMETERY									
101-567-930.000	MAINTENANCE - CEMETERY	3,500.00		2,380.00		0.00		1,120.00	68.00
Total Dept 567 - TOWNSHIP CEMETERY		3,500.00		2,380.00		0.00		1,120.00	68.00
Dept 694 - CBDG									
101-694-836.000	SENIOR SMART MUNICIPAL CREDITS	6,000.00		811.00		0.00		5,189.00	13.52
Total Dept 694 - CBDG		6,000.00		811.00		0.00		5,189.00	13.52
Dept 695 - SMART									
101-695-836.001	SENIOR SMART COMMUNITY CREDITS	9,000.00		3,559.00		0.00		5,441.00	39.54
101-695-836.002	P.A.L. SMART COMMUNITY CREDITS	4,770.00		4,770.00		0.00		0.00	100.00
101-695-836.003	ACEP SMART COMMUNITY CREDITS	1,000.00		1,000.00		0.00		0.00	100.00
Total Dept 695 - SMART		14,770.00		9,329.00		0.00		5,441.00	63.16
Dept 701 - PLANNING COMMISSION									
101-701-704.000	WAGES - PLANNING	6,228.00		3,130.29		0.00		3,097.71	50.26
101-701-714.000	SECRETARY PER DEIM	900.00		600.00		0.00		300.00	66.67
101-701-721.000	EMPLOYER'S FICA	442.00		231.25		0.00		210.75	52.32
101-701-722.000	EMPLOYER'S MEDICARE	104.00		54.14		0.00		49.86	52.06
101-701-780.000	POSTAGE - PLANNING	600.00		52.56		0.00		547.44	8.76
101-701-801.005	LAND DIVISION SPLITS	1,000.00		180.00		0.00		820.00	18.00
101-701-806.100	PLANNER SITE PLAN REVIEWS/ATTY/ENG/FIRE	10,000.00		2,575.00		0.00		7,425.00	25.75
101-701-814.000	COMMUNITY PLANNER	9,600.00		5,141.50		0.00		4,458.50	53.56
101-701-822.000	P.D.R. COMMITTEE	750.00		750.00		0.00		0.00	100.00
101-701-830.000	EDUCATION/TRAINING	1,000.00		181.00		0.00		819.00	18.10
101-701-901.000	PRINTING/PUBLISHING - PLANNING	22,000.00		200.65		0.00		21,799.35	0.91
Total Dept 701 - PLANNING COMMISSION		52,624.00		13,096.39		0.00		39,527.61	24.89
Dept 702 - ZONING BOARD OF APPEALS									
101-702-704.000	WAGES - Z.B.A.	1,060.00		572.50		0.00		487.50	54.01
101-702-709.000	SECRETARY WAGES	300.00		150.00		0.00		150.00	50.00
101-702-721.000	EMPLOYER'S FICA	85.00		44.81		0.00		40.19	52.72
101-702-722.000	EMPLOYER'S MEDICARE	20.00		10.48		0.00		9.52	52.40
101-702-780.000	POSTAGE - ZBA	100.00		89.88		0.00		10.12	89.88
101-702-901.000	PRINTING/PUBLISHING - Z.B.A.	200.00		175.00		0.00		25.00	87.50
Total Dept 702 - ZONING BOARD OF APPEALS		1,765.00		1,042.67		0.00		722.33	59.07

GL NUMBER	DESCRIPTION	2023-24	YTD BALANCE		ACTIVITY FOR		AVAILABLE		
		AMENDED BUDGET	NORMAL	03/31/2024 (ABNORMAL)	MONTH 03/31/2024 INCREASE (DECREASE)	NORMAL	ABNORMAL	BALANCE (ABNORMAL)	% BDGT USED
Fund 101 - GENERAL FUND									
Expenditures									
Dept 751 - TOWNSHIP PARK									
101-751-704.000	WAGES - PARK	7,200.00		6,600.00	600.00		600.00	91.67	
101-751-721.000	EMPLOYER'S FICA	447.00		409.20	37.20		37.80	91.54	
101-751-722.000	EMPLOYER'S MEDICARE	105.00		95.70	8.70		9.30	91.14	
101-751-807.000	MACOMB ORCHARD TRAIL	7,000.00		7,000.00	0.00		0.00	100.00	
101-751-860.000	MEMBERSHIPS/MILEAGE	200.00		168.99	0.00		31.01	84.50	
101-751-920.000	UTILITIES - PARK	500.00		300.00	0.00		200.00	60.00	
101-751-930.000	MAINTENANCE - PARK	12,000.00		11,565.54	0.00		434.46	96.38	
101-751-971.000	PARK IMPROVEMENTS - NORTH AVE.	298,312.00		920.00	0.00		297,392.00	0.31	
Total Dept 751 - TOWNSHIP PARK		325,764.00		27,059.43	645.90		298,704.57	8.31	
Dept 794 - SENIOR CENTER									
101-794-704.000	WAGES - SENIOR CENTER	18,000.00		15,616.80	1,312.20		2,383.20	86.76	
101-794-721.000	EMPLOYER'S FICA	1,116.00		968.25	81.36		147.75	86.76	
101-794-722.000	EMPLOYER'S MEDICARE	261.00		226.45	19.03		34.55	86.76	
101-794-727.000	OFFICE SUPPLIES	1,500.00		474.37	0.00		1,025.63	31.62	
101-794-780.000	POSTAGE - SENIORS	1,150.00		476.00	0.00		674.00	41.39	
101-794-920.000	UTILITIES - SENIORS	3,400.00		2,916.57	0.00		483.43	85.78	
101-794-920.001	INTERNET/PHONE	2,700.00		2,388.43	0.00		311.57	88.46	
101-794-930.000	MAINTENANCE - SENIORS	33,219.00		33,219.00	0.00		0.00	100.00	
101-794-955.000	BINGO/CRAFTS/PICNICS	5,000.00		912.97	0.00		4,087.03	18.26	
101-794-958.000	EVENT TICKETS	10,000.00		4,442.94	0.00		5,557.06	44.43	
Total Dept 794 - SENIOR CENTER		76,346.00		61,641.78	1,412.59		14,704.22	80.74	
Dept 900 - CAPITAL OUTLAY									
101-900-975.003	OFFICE IMPROVEMENTS	4,000.00		0.00	0.00		4,000.00	0.00	
101-900-980.007	CAPITAL OUTLAY	6,000.00		5,490.66	0.00		509.34	91.51	
101-900-980.008	COMPUTER - MISC	1,500.00		0.00	0.00		1,500.00	0.00	
101-900-980.013	SEWER - ENG/PERMITS	1,000.00		0.00	0.00		1,000.00	0.00	
101-900-980.014	ENGINEER - ALT	1,000.00		0.00	0.00		1,000.00	0.00	
101-900-980.110	BUILDING FUND	485,111.26		0.00	0.00		485,111.26	0.00	
101-900-980.136	LAND PURCHASE	1.00		0.00	0.00		1.00	0.00	
Total Dept 900 - CAPITAL OUTLAY		498,612.26		5,490.66	0.00		493,121.60	1.10	
TOTAL EXPENDITURES		1,773,698.01		706,766.23	14,945.00		1,066,931.78	39.85	
Fund 101 - GENERAL FUND:									
TOTAL REVENUES		858,697.25		794,072.48	975.00		64,624.77	92.47	
TOTAL EXPENDITURES		1,773,698.01		706,766.23	14,945.00		1,066,931.78	39.85	
NET OF REVENUES & EXPENDITURES		(915,000.76)		87,306.25	(13,970.00)		(1,002,307.01)	9.54	

DEPARTMENT REPORTS

Armada Township Fire Department

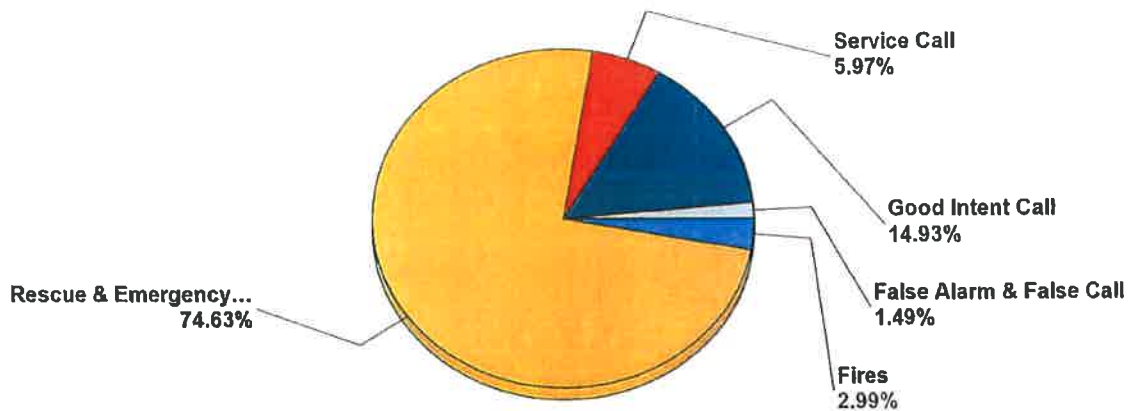
Armada, MI

This report was generated on 3/7/2024 9:08:18 AM



Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 02/01/2024 | End Date: 02/29/2024



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	2	2.99%
Rescue & Emergency Medical Service	50	74.63%
Service Call	4	5.97%
Good Intent Call	10	14.93%
False Alarm & False Call	1	1.49%
TOTAL	67	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



emergencyreporting.com

Doc Id: 553

Page # 1 of 2

Detailed Breakdown by Incident Type

INCIDENT TYPE	# INCIDENTS	% of TOTAL
111 - Building fire	2	2.99%
321 - EMS call, excluding vehicle accident with injury	47	70.15%
322 - Motor vehicle accident with injuries	2	2.99%
324 - Motor vehicle accident with no injuries.	1	1.49%
500 - Service Call, other	2	2.99%
550 - Public service assistance, other	1	1.49%
551 - Assist police or other governmental agency	1	1.49%
600 - Good intent call, other	1	1.49%
611 - Dispatched & cancelled en route	8	11.94%
651 - Smoke scare, odor of smoke	1	1.49%
730 - System malfunction, other	1	1.49%
TOTAL INCIDENTS:	67	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



emergencyreporting.com

Doc Id: 553

Page # 2 of 2

Armada Township Fire Department

Armada, MI

This report was generated on 3/7/2024 9:09:26 AM



Incident Statistics

Zone(s): All Zones | Start Date: 02/01/2024 | End Date: 02/29/2024

INCIDENT COUNT			
INCIDENT TYPE		# INCIDENTS	
EMS		50	
FIRE		17	
TOTAL		67	
TOTAL TRANSPORTS (N2 and N3)			
APPARATUS	# of APPARATUS TRANSPORTS	# of PATIENT TRANSPORTS	TOTAL # of PATIENT CONTACTS
TOTAL			
PRE-INCIDENT VALUE		LOSSES	
\$366,400.00		\$500.00	
CO CHECKS			
TOTAL			
MUTUAL AID			
Aid Type		Total	
Aid Given		3	
OVERLAPPING CALLS			
# OVERLAPPING		% OVERLAPPING	
10		14.93	
LIGHTS AND SIREN - AVERAGE RESPONSE TIME (Dispatch to Arrival)			
Station	EMS	FIRE	
Station 1	0:05:05	0:09:20	
AVERAGE FOR ALL CALLS		0:05:14	
LIGHTS AND SIREN - AVERAGE TURNOUT TIME (Dispatch to Enroute)			
Station	EMS	FIRE	
Station 1	0:01:30	0:01:20	
AVERAGE FOR ALL CALLS		0:01:31	
AGENCY		AVERAGE TIME ON SCENE (MM:SS)	
Armada Township Fire Department		18:28	

Only Reviewed Incidents included. EMS for Incident counts includes only 300 to 399 Incident Types. All other incident types are counted as FIRE. CO Checks only includes Incident Types: 424, 736 and 734. # Apparatus Transports = # of incidents where apparatus transported. # Patient Transports = All patients transported by EMS. # Patient Contacts = # of PCR contacted by apparatus. This report now returns both NEMSIS 2 & 3 data as appropriate. For overlapping calls that span over multiple days, total per month will not equal Total count for year.



emergencyreporting.com
Doc Id: 1645
Page # 1 of 1

Armada Township Fire Department

Armada, MI

This report was generated on 3/7/2024 9:09:57 AM



Average Response Time for Zone for Date Range

Zone: All Zones | Start Date: 02/01/2024 | End Date: 02/29/2024

ZONE TITLE	AVERAGE RESPONSE TIME IN MINUTES (DISPATCH TO ARRIVED)
RT - Richmond Fire Rescue	10.00
NW - Northwest	7.61
SW - Southwest	7.27
SE - Southeast	5.20
NE - Northeast	4.54
AV - Village of Armada	4.20

Only REVIEWED incidents included This report shows the time in decimal format. Excludes "Cancelled" apparatus.



emergencyreporting.com

Doc Id: 38

Page # 1 of 1

Enforcement List

03/04/2024

Enforcement Number	Address/ Parcel Number	Category	Date Filed	Status / Next Action	Notes	Date Closed
EN23-0006	21500 BORDMAN RD 13-02-03-200-015	ZONING VIOLATION	01/30/2023	IN COURT In Progress	DOG DAYCARE - IN COURT OF APPEALS	
EN23-0007	76989 COON CREEK RD 13-02-15-100-009	STORAGE-DEBRIS	02/09/2023	PROGRESS Re-Inspection	PROGRESS - WORKING WITH PROPERTY OWNER	
EN23-0008	76975 NORTH AVE 13-02-14-200-002	STORAGE-DEBRIS	08/16/2023	LETTER SENT Re-Inspection	CLEANED UP YARD - REMOVED DEBRIS	12/13/2023
EN23-0009	76727 NORTH AVE 13-02-13-100-054	ILLEGAL OCCUPATION	03/29/2023	WELFARE CHECK Assistance for Removal	SITE VISIT-CAT HOARDING- INVOLVE LEGAL	
EN23-0010	17477 33 MILE RD 13-02-29-300-015	STORAGE-DEBRIS	07/05/2023	IN COURT In Progress	OWNER MAKING SOME PROGRESS	
EN23-0011	15681 ARMADA CENTER RD 13-02-18-300-013	ILLEGAL OCCUPATION	08/22/2023	LETTER SENT	TENANT REMOVED TRAILER FROM PROPERTY	10/22/2023
EN23-0012	17134 34 MILE RD 13-02-29-100-037	ZONING VIOLATION	08/14/2023	LETTER SENT Verify Permits-Inspection	OWNER WILL BE IN TO PAY FOR PERMITS	
EN23-0013	18231 GILMORE RD 13-02-32-426-004	ZONING VIOLATION	09/18/2023	LETTER SENT Partial Compliance	WILL MOVE CHICKEN COOP IN APRIL 2024	12/13/2023
EN23-0014	20195 32 MILE RD 13-02-33-400-034	STORAGE-DEBRIS	11/20/2023	NO PROGRESS Involve Legal	REMOVE OUTBUILDINGS- NO PROGRESS-LEGAL	
EN23-0015	15681 ARMADA CENTER RD 13-02-18-300-013	STORAGE-DEBRIS	11/22/2023	LETTER SENT	PROPERTY OWNER WILL COME OUT IN SPRING	
EN24-0001	21160 BORDMAN RD 13-02-03-100-004	BURNING VIOLATION	02/13/2024	LETTER SENT	LETTER W/ ORDINANCE AND BARREL PLACEMENT	
EN24-0002	80900 COON CREEK RD 13-02-03-100-027	BURNING VIOLATION	02/13/2024	LETTER SENT	LETTER W/ ORDINANCE AND BURN BARREL PLACEMENT	
EN24-0004	74547 TRUE RD 13-02-22-200-015	BLIGHT	02/22/2024	LETTER SENT	LTR TO REMOVE FILLED GARBAGE BAGS AND DEBRIS	

Records: 13

Planning Commission
March 6, 2024

Members Present: DJ Kehrig, Maureen Finn, Beth Abercrombie, Joe Jabara, Steve Arnold, Liaison Sara Murray

Members Absent: Joe Kutchev, with notice

Also Present: Planning Secretary Cris Martin, Planner Caitlyn Habben (Wade Trim)

Joe Jabara touched on the SEMCOG grants for parks that he is working jointly with the Village of Armada on. Joe is going to continue to move forward with grant applications.

Election of Officers took place. DJ Kehrig remains the Chair, Maureen Finn remains the Vice Chair, and Joe Jabara remains the Secretary.

The last portion of the meeting was a power point presentation by Planner Caitlyn Habben; which covered a "Basic Training" overview of all Planning Commission does, should do, steps to take, incorporate the Master Plan, etc., as well as Zoning Basics, and the relationship between Planning Commission and Zoning.

During the presentation, we discussed the possibility of working on a renewable energy ordinance sooner rather than later, due to the potential timing of not having a voice for our township if we wait too long.

We have also begun the process of working on our zoning ordinances, and that will continue with some great direction from Caitlyn.

Meeting adjourned at 8:58 pm

Monthly Building Report

Month: February
Year: 2024

Permits Issued:

<u> </u>	<i>Decks</i>
<u> </u>	<i>Demolitions</i>
<u> </u>	<i>Ponds</i>
<u> </u>	<i>Pole Barns</i>
<u> </u>	<i>Garages</i>
<u> 1</u>	<i>Additions/Misc.</i>
<u> </u>	<i>Homes</i>
<u> </u>	<i>Zoning</i>
<u> </u>	<i>Pools</i>
<u> 1</u>	<i>Porch</i>
<u> </u>	<i>Sunrooms</i>
<u> </u>	<i>Commercial Buildings</i>
<u> </u>	<i>Commercial Additions/Alterations</i>
<u> </u>	<i>Commercial Sign</i>
<u> 4</u>	<i>Electrical</i>
<u> 3</u>	<i>Mechanical</i>
<u> </u>	<i>Plumbing</i>

Total Permits Issued: 9

Building Inspections: 10

Plan Reviews: 1

Electrical Inspections: 8

Mechanical Inspections: 1

Plumbing Inspections: 1

Total Inspections: 21

Monthly Inspection Report

02/29/2024

Bob Bobcean (electrical alternate)

Record #	Type	Address	Scheduled	Completed	Result
PE230066	SERVICE	23851 DAYTON RD	02/22/24	02/20/24	Approved
Total Inspections:					1

George Ryan

Record #	Type	Address	Scheduled	Completed	Result
PP240003	Final	16838 34 MILE RD	02/06/24	02/06/24	Approved
Total Inspections:					1

GEORGE RYAN (MECH. & PLMB.)

Record #	Type	Address	Scheduled	Completed	Result
PM230021	Final	22620 PRATT RD	02/06/24	02/06/24	Approved
Total Inspections:					1

Jim Waddy

Record #	Type	Address	Scheduled	Completed	Result
PB230051	INSULATION	24764 ARMADA RIDGE RD	02/05/24	02/05/24	Approved
PB230037	INSULATION	80630 MCFADDEN RD	02/07/24	02/06/24	Approved
PB230004	FINAL	16838 34 MILE RD	02/08/24	02/08/24	Approved
PB230057	POST HOLE	75057 OMO RD	02/13/24	02/13/24	Approved
PB240002	FOOTING	73282 CASTLE CT	02/14/24	02/14/24	Approved
PB240003	PLAN REVIE	74555 FULTON ST	02/14/24	02/13/24	Approved
PB240002	FOOTING gar	73282 CASTLE CT	02/15/24	02/14/24	Approved
PB230031	INSULATION	17320 IRWIN RD	02/26/24	02/26/24	Approved
PB240002	BASEMENT P	73282 CASTLE CT	02/26/24	02/22/24	Approved
PB230057	FINAL	75057 OMO RD	03/01/24	02/26/24	Approved
PB230042	SHEATHING	23851 DAYTON RD	03/01/24	02/26/24	Approved
Total Inspections:					11

TIM DILLON (ELEC.)

Record #	Type	Address	Scheduled	Completed	Result
PE230047	ROUGH	16838 34 MILE RD	09/11/23	02/01/24	Approved
PE240002	ROUGH	24764 ARMADA RIDGE RD	02/29/24	02/01/24	Approved
PE230068	SERVICE	76732 TRUE RD	02/29/24	02/01/24	Approved
PE230047	FINAL	16838 34 MILE RD	02/29/24	02/06/24	Approved
PE230048	ROUGH base	17320 IRWIN RD	02/29/24	02/13/24	Approved
PE240004	ROUGH	79733 COON CREEK RD	02/29/24	02/15/24	Not Ready
PE230066	ROUGH	23851 DAYTON RD	02/29/24	02/27/24	Approved
Total Inspections:					7

Report Summary

Population: All Records

Inspection.DateTimeCompleted Between
2/1/2024 12:00:00 AM AND 2/29/2024
11:59:59 PM

Grand Total Inspections:

21

Permit Category Detail Report

02/29/2024

ELECTRICAL

Permit #	Owner	Address	Parcel Number	Date Issued	Fee Total	Construction Value
PE230066	MARCIAL, STEVEN & ASHLE	23851 DAYTON RD	13-02-13-100-061	02/01/2024	\$343.00	\$0.00
PE240003	BARTON, FAIRLEY & NITA	22990 BORDMAN RD	13-02-02-200-024	02/12/2024	\$140.00	\$0.00
PE240004	MARSHALL, EDWARD II & K	79733 COON CREEK RD	13-02-03-300-030	02/12/2024	\$233.00	\$0.00
PE240005	MUGLIA, ALDO & CONCETT	78440 COON CREEK RD	13-02-10-100-009	02/26/2024	\$115.00	\$0.00

Total Permits For Type: 4 Total Fees For Type: \$831.00 \$0.00

MECHANICAL

Permit #	Owner	Address	Parcel Number	Date Issued	Fee Total	Construction Value
PM240003	BARTON, FAIRLEY & NITA	22990 BORDMAN RD	13-02-02-200-024	02/12/2024	\$145.00	\$0.00
PM240004	MEHADZIC, AMIR	76732 TRUE RD	13-02-14-100-020	02/28/2024	\$275.00	\$0.00
PM240005	MUGLIA, ALDO & CONCETT	78440 COON CREEK RD	13-02-10-100-009	02/29/2024	\$105.00	\$0.00

Total Permits For Type: 3 Total Fees For Type: \$525.00 \$0.00

PORCH

Permit #	Owner	Address	Parcel Number	Date Issued	Fee Total	Construction Value
PB230057	BAKER, MATTHEW & ANN M	75057 OMIO RD	13-02-13-400-017	02/12/2024	\$290.00	\$3,000.00

Total Permits For Type: 1 Total Fees For Type: \$290.00 \$3,000.00

RES, ALTERATION

Permit #	Owner	Address	Parcel Number	Date Issued	Fee Total	Construction Value
PB240003	GLOSS, CHRISTOPHER	74555 FULTON ST	13-02-23-226-024	02/14/2024	\$770.00	\$50,000.00

Total Permits For Type:	1	Total Fees For Type:	\$770.00	\$50,000.00
-------------------------	---	----------------------	----------	-------------

Report Summary

Total Permits:	9
----------------	---

Grand Total Fees:	\$2,416.00
-------------------	------------

Population: All Records

Permit.DateIssued Between 2/1/2024 12:00:00 AM AND 2/29/2024 11:59:59 PM

Total Construction Value:	\$53,000.00
---------------------------	-------------

FEBRUARY MONTH ENDING REPORT

EXERCISE & TAICHI MONDAY & WEDNESDAY-12 attend each day.

CRAFT with SHER on 1st Monday of the month-14 attended.

KNITTERS every other Thursday-8-12 attend.

POTLUCK this month-40 people attended. BINGO after-22 stayed and played.

MYSTERY LUNCH-Carters Cantina-24 attended. (2-15-24)

ALLENTON POTLUCK-14 of us attended. (2-20-24)

MARINE CITY FISH COMPANY-28 attended. (2-21-24)

CRACKER BARREL in PORT HURON-22 attended. (2-26-24)

BINGO-24 attended.

EVERYONE seems to enjoy what we do, next month I will add some new things to our schedule, at request of my Seniors!

I LOVE MY JOB!

A handwritten signature in cursive script that reads "Donna Leitch". The signature is written in black ink and is positioned below the text "I LOVE MY JOB!".

CORRESPONDENCE & INFORMATION



The Armada Township 2024 Master Plan

MACOMB COUNTY, MICHIGAN

Community Vision Statement:

Armada Township is an engaging community for residents of all ages. We seek sustainable growth, while preserving the tranquility of our rural landscapes and our agricultural roots. We respect our past while focusing on our future.

DRAFT FOR PUBLIC COMMENT – February 29, 2024



The Armada Township 2024 Master Plan

The Township's Comprehensive Land Use Plan

Macomb County, Michigan

Adopted by the Planning Commission on: _____

Adopted by the Township Board on: _____

Prepared with the Assistance of:

McKenna

235 East Main Street, Suite 105

Northville, Michigan 48167

(248) 596-0920

ACKNOWLEDGEMENTS

The participation and cooperation of residents, members of the business community, and community stakeholders in preparation of the 2024 Master Plan is greatly appreciated. We send a sincere 'thank you' to everyone who participated in its development.

In particular, we acknowledge the efforts of:

PLANNING COMMISSION

Chair - D.J. Kehrig

Vice Chair - Maureen Finn

Secretary - Joe Jabara

Township Board Liaison - Sara Murray

Commissioners - Stephen Arnold, Beth Abercrombie, Joe Kutchey

Recording Secretary - Cris Martin

TOWNSHIP BOARD

Supervisor - John Paterek

Clerk - Mary K. Swiacki

Treasurer - Sara Murray

Trustee - Jim Goetzinger

Trustee - Monica Job

Cris Martin, Planning and Zoning Administrator

Table of Contents

Acknowledgements..... ii

CHAPTER #1 Introduction 1

Purpose of the Master Plan..... 2

Plan Contents..... 2

CHAPTER #2 Armada Township Today..... 5

Community Snapshot..... 7

Demographic Profile..... 7

Housing..... 11

Economics..... 12

Existing Land Use Patterns..... 17

Community Facilities..... 21

Parks and Recreation..... 23

Schools Districts..... 29

CHAPTER #3 Armada's Complete Streets Network 31

Traffic Patterns..... 32

Complete Streets..... 35

CHAPTER #4 A Vision for the Future 37

Public Engagement: Community-Wide Survey 38

Goals and Objectives..... 41

CHAPTER #5 Implementation 45

Future Land Use Plan..... 46

Planning to Support Agricultural Preservation..... 47

Residential Areas Plan..... 49

Commercial and Industrial Developments and Character..... 51

Industrial Areas Plan..... 54

Implementing the Plan..... 56

Appendix..... 61

Appendix A: Adoption Documents..... 63

LIST OF TABLES

Table 1: Total Population Change, 1990-2020 8

Table 2: Table 2: Population by Age, Armada Township, 2000-2019..... 9

Table 3: Children, Seniors, and Family-Starting Ages, Armada Township, 2000-2019..... 10

Table 4: Housing Units, Armada Township, 2010-2019 11

Table 5: Housing Units by Type, Armada Township, 2019 11

Table 6: Median Household Income, 2010-2019 12

Table 7: Poverty Rates, 2010-2019..... 13

Table 8: Employment Status, 2019 13

Table 9: Jobs by Industry Sector and Projected Jobs by Industry Sector, Armada Township, 2020 14

Table 10: Where Armada Township Residents Work..... 15

Table 11: Where Armada Township Workers Commute From 16

Table 12: High-Frequency Crash Locations at Armada Township Intersections, 2017-2021 35

LIST OF MAPS

Regional Location Map..... 3

Existing Land Use Map..... 18

Community Facilities Map..... 26

Internet Access Map..... 28

School District Map..... 30

Throughfare Plan Map..... 33

Circulation System (Existing) Map..... 34

Future Land Use Map..... 55

CHAPTER #1

Introduction

Welcome to the Armada Township Master Plan for land use. This important document reflects a vision for the future of the community – one that addresses land uses, the local economy, the environment, parks and recreation, housing, and transportation. Armada Township's Master Plan is a blueprint for the township moving forward - it tells the story of the community's past, present, and most importantly, its future potential.

This 2024 Plan is the culmination of efforts by the Township's Planning Commission, Board of Trustees, residents, business owners, and other Armada Township stakeholders to develop a long-range, strategic plan for the community. The Plan also sets the foundation for future improvements and meaningful reinvestment, with the intent to support the highest quality of life in Armada Township and build upon its history to provide for a bright future.

PURPOSE OF THE MASTER PLAN

In Michigan, a Master Plan is used for a variety of purposes. At the most basic level, a Master Plan is the basis for a community's zoning ordinance. One of the legal tests of validity for a zoning ordinance is that it must be based on a comprehensive land use plan for the development of the jurisdiction, which is also required by the Michigan Zoning Enabling Act (PA 110 of 2006, as amended).

To accomplish this, Armada Township's 2024 Master Plan presents the vision for the community over the next 20+ years, while also prescribing specific, short-term implementation activities intended to realize the vision of the Plan. The recommendations presented in this Plan, both in text and graphically, provide a legal basis for zoning and other land use controls in the township, and are based upon identified community's goals and objectives.

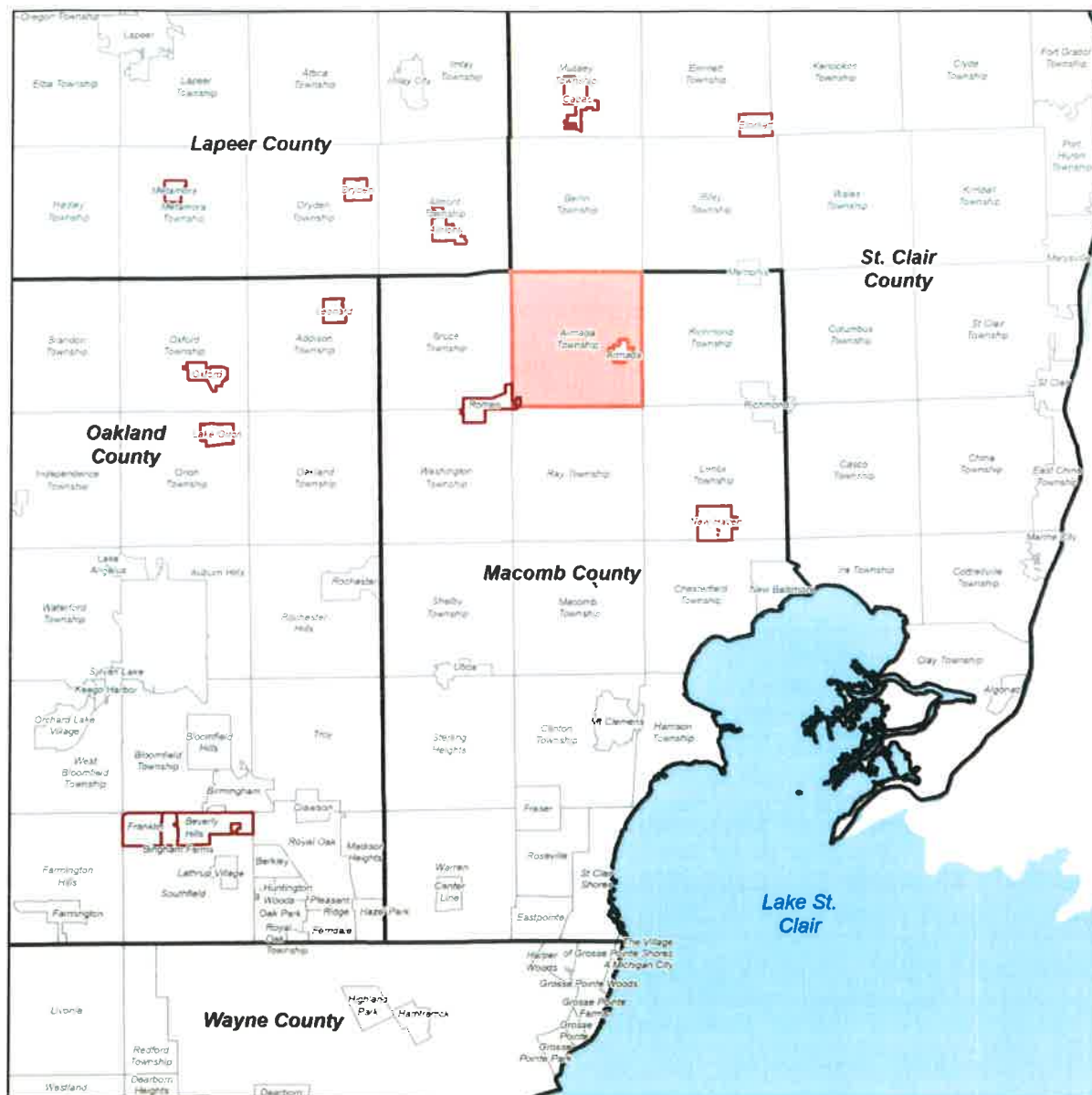
Effectively, this Master Plan serves as the primary policy guide for local officials considering development proposals, land divisions, capital improvements, and other matters related to land use and development. In this respect, Armada's 2024 Plan provides a stable and consistent basis of decision making.

Zoning is the legal, regulatory mechanism for controlling the classification and regulation of land use. The Master Plan is not an ordinance, does not change the zoning of a property, and does not have the force of law. Instead, it is a set of policies, strategies, and plans to enhance and improve the community over a long-range planning horizon. While the Zoning Ordinance and Zoning Map regulate current land use, the Master Plan and its maps and policy statements are intended to guide future land use decision-making. The Master Plan is the community's "vision," while the Zoning Ordinance governs the path to that vision. With a Master Plan in place, zoning decisions consistent with the Plan and Ordinance are presumed by the courts to be valid.

PLAN CONTENTS

As required by the Michigan Planning Enabling Act (PA 33 of 2008, as amended), and in compliance with best practices established by the Redevelopment Ready Communities (RRC) program from the Michigan Economic Development Corporation (MEDC), this Plan is comprehensive in nature and addresses the vast aspects of the community. The Plan presents background information on the township and surrounding area, including social and economic data, descriptions and mapping of existing land use and natural resources, and an inventory of existing community facilities and infrastructure. This background information is then analyzed to identify important characteristics, changes and trends occurring in Armada Township.

The information and concepts presented in the Plan are used by the Planning Commission and Township Board to guide local decisions regarding public and private uses of land and the provision of public facilities and services. The Plan is a living set of policies, strategies, and plans to enhance and improve a community over a long planning horizon, which are detailed in Chapter 5: Implementation.



Regional Location Map

Armada Township,
Macomb County, Michigan

January 4, 2024

LEGEND

- Armada Township Boundary
- Village Boundaries
- City and Township Boundaries
- County Boundaries



Basemap Source: Michigan Center for Geographic Information, v. 17a. Data Source: County or Local Community Source: Armada Township 2023
McKenna 2023



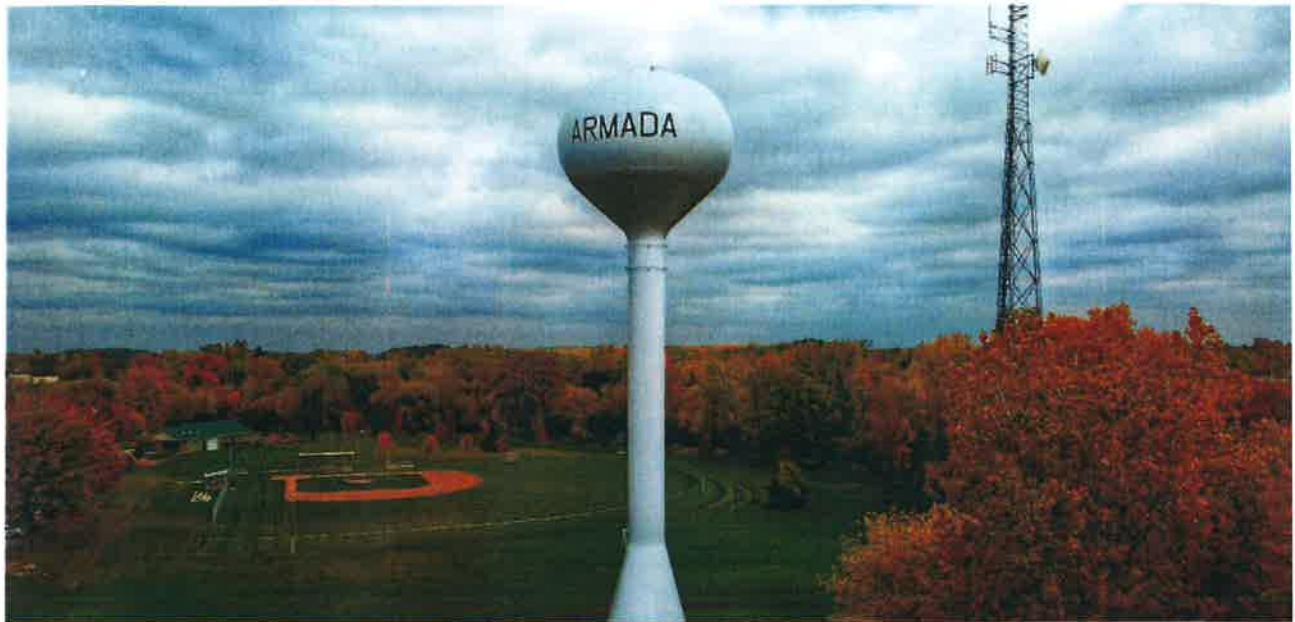
This page is intentionally left blank.

CHAPTER #2

Armada Township Today

In order to develop and implement Armada Township's specific goals and strategies, it is first necessary to grasp the existing conditions of the community and surrounding area.

Understanding Armada Township's regional position, existing land uses, built environment, and key socioeconomic demographics are all vital to painting a clear picture of the future canvas of the township. These existing conditions and past trends allow for the community to anticipate future needs and demands which are directly related to the development of the future land use map and build out, the future transportation network, infrastructure needs, and more.



Township Character

Armada Township is a rural farming and bedroom community located in far northern Macomb County, Michigan. It shares boundaries with Bruce Township and the Village of Romeo to the west, Ray Township to the south, Richmond Township to the east, Berlin Township in St. Clair County to the north, and the Village of Armada, which is located entirely within the township.

Large farms, orchards, and single-family homes are the predominant land uses in the Township. Small amounts of industrial land are located in the southwest corner and near the Village of Armada, as well as pockets of commercial development near the Village and along 32 Mile Road, the Township's southern boundary. Armada Township's southeastern corner is an important gas field; Consumers Energy's Ray Compressor Station stores enough natural gas to serve 40% of the company's winter needs. The Township is also home to the annual Armada Fair, which has been running for 150 years. Several orchards, cider mills, and farm markets are also popular destinations within the metro area.

Armada Township is within commuting distance of Detroit, but is not crossed by any major roads, and has therefore maintained a distinct rural charm that many of the nearby townships have slowly lost as urbanization has spread northward. This chapter discusses some of the demographic and economic trends that have defined Armada Township's growth to date and that will influence its development in the future.



COMMUNITY SNAPSHOT

The purpose of Armada Township's socio-economic profile is to understand the past, present, and future population and demographic characteristics of the area. The following analysis presents a snapshot of the community, utilizing the most recent data available from ESRI (Environmental Systems Research Institute), the 2020 US Census, the American Community Survey, and SEMCOG. This includes a review of the population, race, age structure, and educational attainment. For purposes of analysis, comparisons have been made with neighboring communities, Macomb County, the State, and in some cases other relative Michigan communities, to gain a regional perspective.

DEMOGRAPHIC PROFILE

POPULATION

From 2010 to 2020, Michigan gained population, which is a reversal from the 2000 to 2010 population loss Michigan experienced. While Michigan and Macomb County both gained population, Armada Township experienced negligible population change, dipping slightly. In relation to surrounding communities, the Township has experienced the least change. Bruce Township, to the west, experienced the greatest population growth percentage, while Berlin Township, to the north, has experienced the highest population loss percentage. Table 1 compares Armada Township's population change to that of nearby communities.

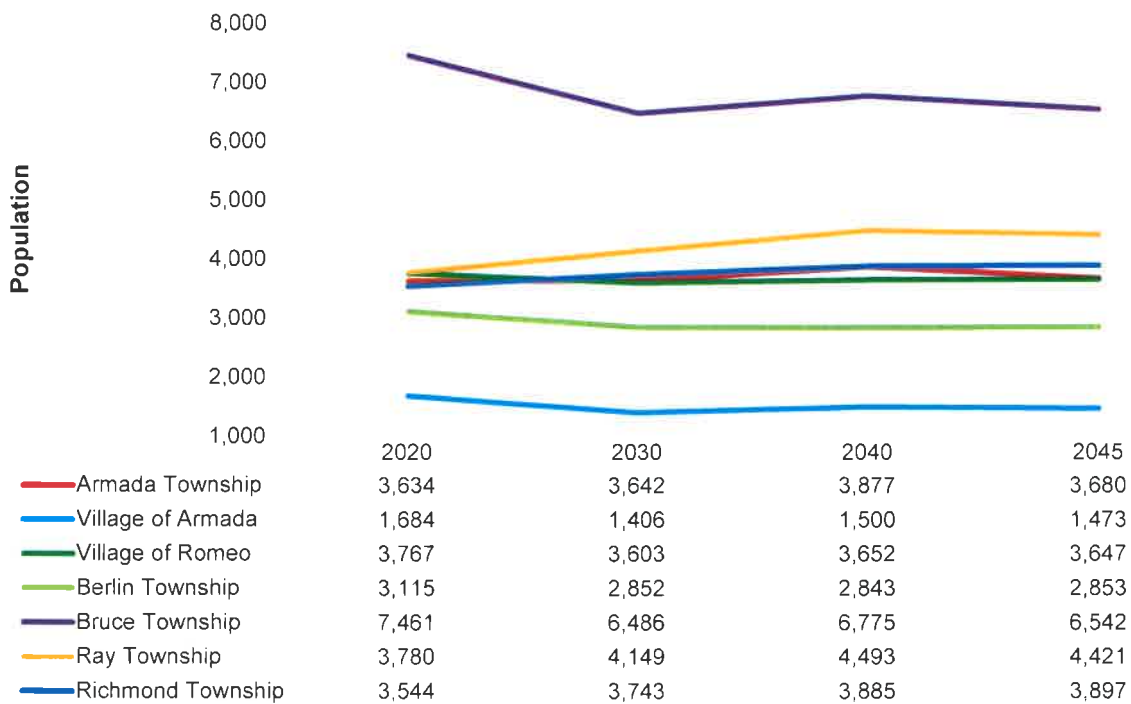
Figure 1 shows the projected population for Armada Township and surrounding municipalities through 2045. These projections are provided by SEMCOG's forecasts. Armada Township's projected population increases slightly by a little over 1% from 2020 to 2045. Macomb County is projected to grow in population by about 5% from 2020 (881,217) to 2045 (924,956). The projected changes in population are minor for many of the surrounding municipalities, except for Bruce Township and the Village of Armada, which both anticipate a 12% population loss and conversely, Ray Township, which anticipates a 17% population gain by 2045.

Table 1: Total Population Change, 1990-2020

	1990	2000	2010	2020	Percent Change 2010 - 2020
Armada Township	2,943	3,673	3,649	3,634	-0.41%
Village of Armada	1,548	1,573	1,730	1,684	-2.66%
Village of Romeo	3,520	3,721	3,596	3,767	4.76%
Berlin Township	2,407	3,162	3,285	3,115	-5.18%
Bruce Township	4,193	6,395	6,947	7,461	7.40%
Ray Township	3,230	3,740	3,739	3,780	1.10%
Richmond Township	2,528	3,416	3,665	3,544	-3.30%
Macomb County	715,240	788,149	840,978	881,217	4.78%
Michigan	9,295,297	9,938,444	9,883,640	10,077,331	1.96%

US Decennial Census 2000, 2010, 2020

Figure 1: Population Projections, 2020-2045



US Decennial Census 2020, SEMCOG 2020



AGE

The populations of both Michigan and the United States are getting older, with expected large increases in the over-65 population in the next decade. Armada Township's population is also aging, and Table 2 shows how dramatic this trend was from 2010 to 2019. The township saw a large decline in the number of school-age children; very significant losses of 25 to 44-year-olds, with the exception of 25 to 34-year-olds, who saw a small increase; and large increases in all population groups over the age of 55.

Table 2: Table 2: Population by Age, Armada Township, 2000-2019

	2000	2010	2019	Percent Change 2010 - 2019
Under 5 Years	250	150	150	0.00%
5 - 9 Years	286	206	156	-24.27%
10 - 14 Years	319	298	129	-56.71%
15 - 19 Years	314	287	215	-25.09%
20 - 24 Years	182	214	199	-7.01%
25 - 34 Years	365	277	301	8.66%
35 - 44 Years	729	446	387	-13.23%
45 - 54 Years	581	764	553	-27.62%
55 - 64 Years	364	534	641	20.04%
65 - 74 Years	172	302	358	18.54%
75 Years +	121	171	247	44.44%
Total	3,673	3,649	3,336	-8.58%

US Decennial Census 2000, 2010. American Community Survey 2019

Table 3 compares the township’s changes in selected age groups, which further highlights the trend towards an aging population and the decline of children. To retain current residents, Armada Township must plan to accommodate a growing senior population. The increase in 25 to 34-year-olds from 2010 to 2019 is encouraging for natural population growth as this is the age where adults are prime working and family-starting age, but it has still declined since 2000. If losses among 25 to 34-year-olds continue, it will be difficult for the township’s population to grow naturally in the future, and this is reflected in the steep decreases among the under-19 age groups.

Table 3: Children, Seniors, and Family-Starting Ages, Armada Township, 2000-2019

		2000	2010	2019	Percent Change 2010 - 2019
0-19 Years	Population	1,169	941	650	-
	% of Total Population	31.83%	25.79%	19.48%	-30.92%
25-34 Years	Population	365	277	301	-
	% of Total Population	9.94%	7.59%	9.02%	8.66%
65+ Years	Population	293	474	605	-
	% of Total Population	7.98%	12.99%	18.14%	27.64%

US Decennial Census 2000, 2010. American Community Survey 2019

RACE AND ETHNICITY

The current population of Armada Township is 94% non-Hispanic white. As Armada Township’s population grows in the future, it is likely that it will gradually become more racially and culturally diverse, as it has slowly happened in the townships to the south as development activity increased.

HOUSING

Armada Township has historically been a community of homeowners, with very few rental or multiple-family properties. From 2000 to 2010, the Township followed national trends (seeing a rise in the number of rental properties) but even with this slight increase, the vast majority of households are owner-occupied. This trend was reversed from 2010 to 2019 as rental properties decreased. Relative to many of its regional neighbors, Armada Township has a low housing vacancy rate, in spite of the fact that the number of housing units increased from 2000 to 2021 while the population remained essentially the same.

Table 4: Housing Tenure Changes, Armada Township, 2010-2021

	2000	2010	2021	Change 2010 - 2021
Occupied	1,181	1,287	1,175	-112
Owner Occupied	1,135	1,211	1,116	-95
Renter Occupied	46	76	59	-17
Vacant	14	51	41	-10
Total Housing Units	1,195	1,338	1,216	-122

US Decennial Census 2000, 2010. American Community Survey 2021

Table 5: Housing Units by Type, 2021

	Village of Armada	Armada Township	Total Units	Percent Total
Single Unit	617	1,181	1,798	98.52%
Multiple Unit	31	35	66	1.48%
Total	648	1,216	1,864	100%

American Community Survey 2021

HOUSEHOLDS

At 2.71 people per household, Armada Township has a much higher average household size than the statewide average of 2.45 for 2020. In 2010, Armada Township's average household size was 2.82, while Michigan's was 2.49. Armada Township's household size is shrinking at a slightly faster rate than the state average. The Township's average household size decreased by 3.90% from 2010 to 2020, while Michigan's decrease was 1.61%. These numbers reflect a long national decline in household size, and the trend is likely to continue. In order to maintain its population in the future, Armada Township will need to attract new households.



ECONOMICS

When reviewing economic figures spanning the years from 2000 to 2019, it is important to frame them in the context of the 2008 global economic downturn, which negatively affected the vast majority of places in the United States in the form of lower real wages, higher unemployment, longer periods of unemployment, and loss of municipal revenue.

INCOME

Real incomes are incomes expressed in inflation adjusted dollars. Table 6 shows median incomes for Armada Township, Macomb County, and Michigan as real incomes. From 2010 to 2019, the average household income decreased by almost 6%. This pattern is consistent with the surrounding Macomb County, although Armada Township's income did fall at a greater percentage, due to the higher income levels in the Township in 2010.

It is also important to note that the United States Census includes the Village of Armada within the Township of Armada, therefore extracting the median household income for only the Township was not possible. The values for Armada Township in Table 6 also include the Village of Armada's data. It should also be noted that the Village of Armada also consistently has a lower median household income than the Township, so the value reflected is lower than the actual median income for the Township. While the Village is depressing the median household income, it is still well above the poverty threshold.

Table 6: Median Household Income, 2010-2019

	2010*	2019	Percent Change from 2010 to 2019
Armada Township**	\$82,600	\$77,656	-5.99%
Village of Armada	\$75,942	\$69,688	-8.24%
Macomb County	\$63,307	\$62,855	-0.71%
Michigan	\$56,784	\$57,144	0.63%

*American Community Survey 2010, 2019 (*All dollar figures in 2019 dollars; **Includes Village of Armada data)*

Generally, Armada Township has a much lower than average portion of its population living in poverty, especially among children. However, seniors are the fastest-growing age group in the township, and many of them are living below the poverty line. As the Township plans for senior housing and other facilities moving forward, affordability will be an important consideration.

Table 7: Poverty Rates, 2010-2019

	2010	2019
Armada Township	6.05%	2.75%
Under 18 Years	0.61%	1.47%
Over 65 Years	1.97%	7.06%
Macomb County	12.66%	10.56%
Under 18 Years	17.20%	15.18%
Over 65 Years	7.82%	8.24%
Michigan	16.76%	14.36%
Under 18 Years	23.45%	19.93%
Over 65 Years	8.04%	8.36%

American Community Survey 2010, 2019

EMPLOYMENT

Armada Township has historically had a higher percentage of its over-16 population participate in the labor force than the State and County. This is partly a reflection of the community's agricultural character and the number of family businesses that operate here. The Township has a lower unemployment rate than both the County and the State as shown in Table 8.

Table 8: Employment Status, 2019

	In Labor Force	Employed	Unemployment Rate
Armada Township	64.94%	95.60%	4.40%
Macomb County	63.84%	94.63%	5.37%
Michigan	61.53%	94.07%	5.93%

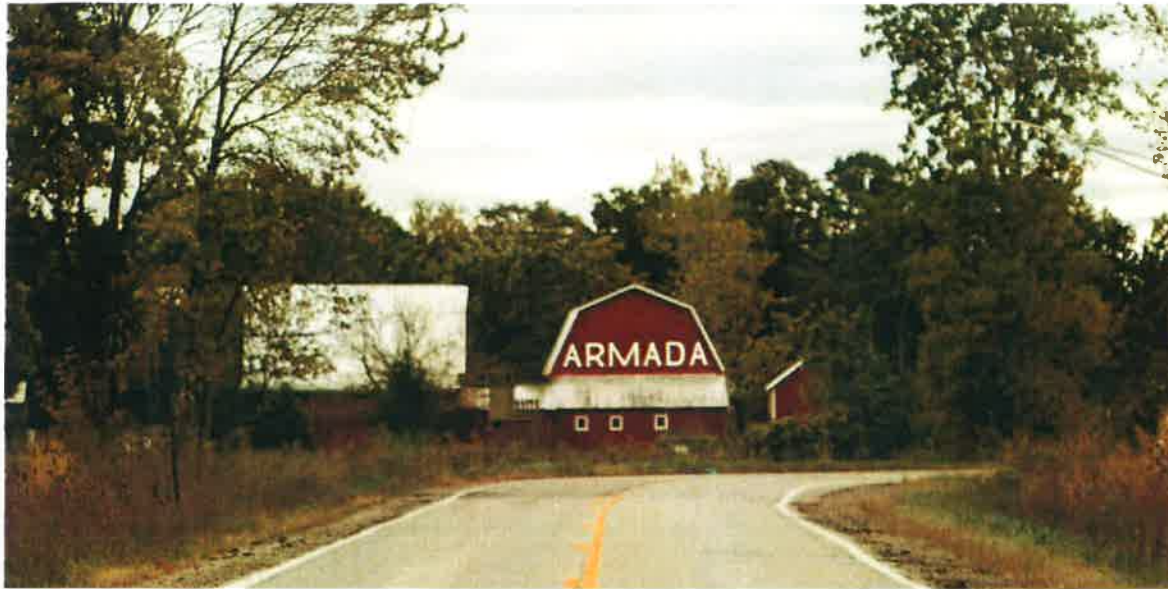
American Community Survey 2019

Table 9 shows jobs by industry sector for 2015 and 2020, as well as a projection for 2045. The most occurring industry sector is manufacturing, although this sector is projected to decline by 17% by 2045. The sectors that are most prevalent in 2020 are manufacturing, natural resources, mining, construction, transportation, warehousing, utilities, administrative, support, and waste services. The industries with the highest projected growth are healthcare services, administrative, support, waste services, professional and technical services / corporate HQ. The industries with the greatest projected decline are wholesale trade and manufacturing.

Table 9: Jobs by Industry Sector and Projected Jobs by Industry Sector, Armada Township, 2020

Forecasted Jobs by Industry Sector	2015	2020	2045	Change 2015-2045	Percent Change 2015-2045
Natural Resources, Mining, Construction	189	198	205	16	8.50%
Manufacturing	311	304	258	-53	-17.00%
Wholesale Trade	12	11	7	-5	-41.70%
Retail Trade	56	62	56	0	0.00%
Transportation, Warehousing, Utilities	195	186	182	-13	-6.70%
Information Financial Activities	90	86	85	-5	-5.60%
Professional Technical Services / Corporate HQ	127	132	145	18	14.20%
Administrative, Support / Waste Services	169	180	202	33	19.50%
Education Services	159	157	157	-2	-1.30%
Healthcare Services	49	55	66	17	34.70%
Leisure / Hospitality	29	27	27	-2	-6.90%
Other Services	57	56	56	-1	-1.80%
Public Administration	45	45	44	-1	-2.20%
Total Employment Numbers	1,488	1,499	1,490	2	-

SEMCOG 2020



COMMUTERS

Armada Township residents have generally longer commutes than the average Michigander, with nearly half taking between 30 and 59 minutes to get to work and more than 10% needing between 60 and 90 minutes. The majority of Michiganders spend less than 30 minutes commuting to work.

Southeast Michigan Council of Governments (SEMCOG) provides analysis for commuting patterns. Table 10 shows where Armada Township residents work. While a number of township residents do work in the Village of Armada ($\pm 9\%$) or within Armada Township itself ($\pm 6\%$), the majority of township residents commute to neighboring communities, namely Clinton Township, Warren, and Washington Township, for employment opportunities.

Table 10: Where Armada Township Residents Work

Location	Percentage
Village of Armada	9.10%
Clinton Township	7.80%
Warren	7.60%
Washington Township	6.70%
Armada Township	5.80%
Sterling Heights	5.50%
Shelby Township	5.40%
Troy	4.20%
Rochester	4.10%
Macomb Township	3.40%
Elsewhere	40.30%

SEMCOG 2016



When looking at where Armada Township workers are commuting from, there is a large percentage travelling from outside the region ($\pm 16\%$). There is also a high percentage of township residents commuting from within the township ($\pm 15\%$). Many workers also commute from adjacent municipalities, namely Shelby Township, Richmond, Berlin Township, and Washington Township.

Table 11: Where Armada Township Workers Commute From

Location	Percentage
Out of the Region, Instate	15.90%
Armada Township	14.70%
Shelby Township	7.30%
Richmond (Macomb)	6.60%
Berlin Township (St. Clair)	6.00%
Washington Township	5.10%
Bloomfield Township	3.70%
Ira Township	2.80%
Richmond Township	2.20%
Warren	2.20%
Elsewhere	33.40%

SEMCOG 2016

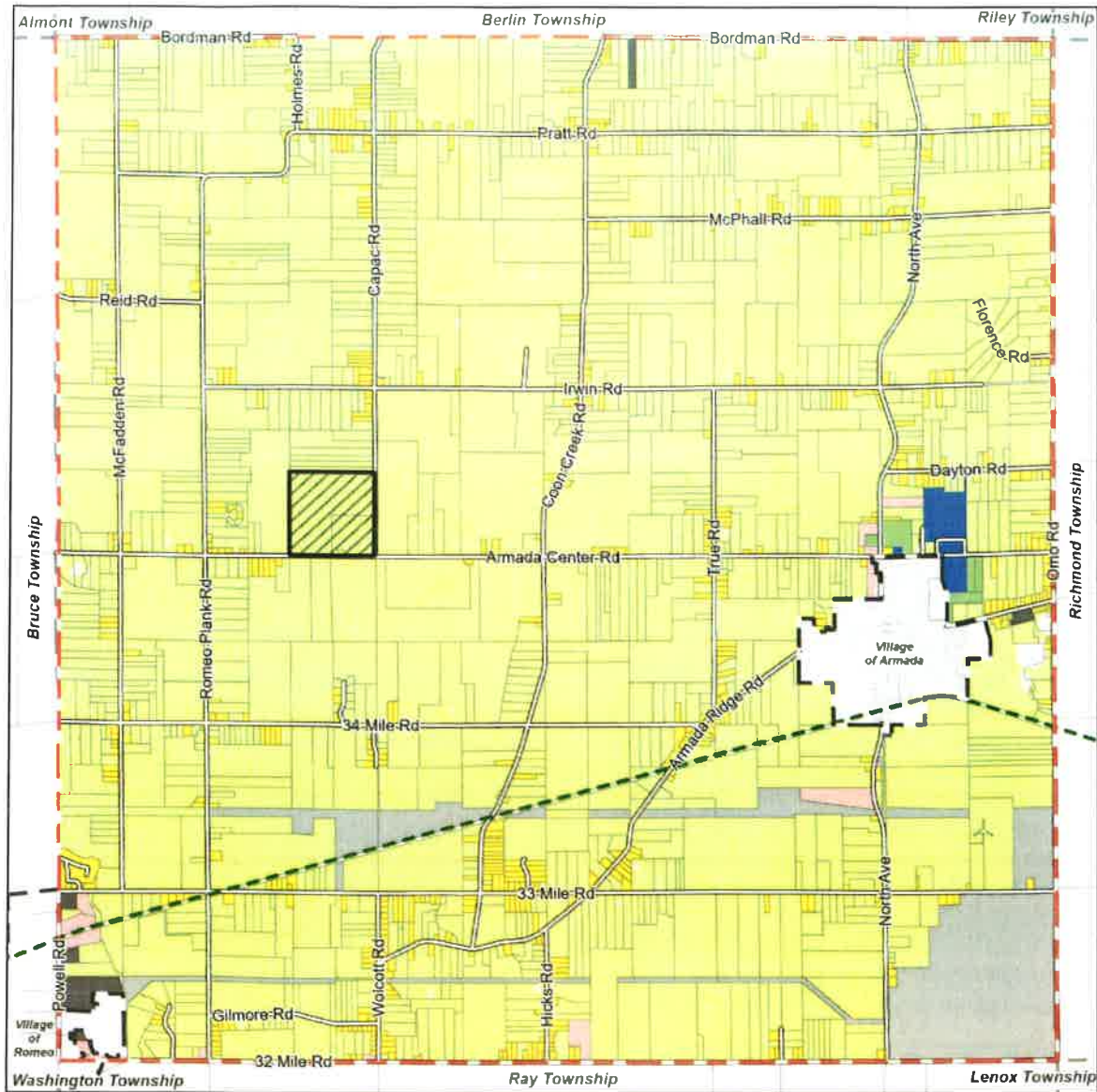


EXISTING LAND USE PATTERNS

EXISTING LAND USE CLASSIFICATIONS

Existing Land Use is mapped on the following page: the primary land cover in the township is agricultural. Existing land use classifications include:

- Agricultural / Rural Residential
- Single-Family Residential
- Institutional
- Recreation / Open Space
- Commercial
- Transportation / Communication / Utilities
- Industrial
- Vacant



Existing Land Use Map

Armada Township,
Macomb County, Michigan

February 6, 2024

LEGEND

- Agriculture/Rural Residential
- Single Family Residential
- Institutional
- Recreation/Open Space
- Commercial
- Transportation/Communication/Utilities
- Industrial
- SAA, Special Ancillary Agricultural Uses Overlay District
- Armada Township Boundary
- Village Boundaries
- Other Municipal Boundaries
- Macomb Orchard Trail



0 2,000 4,000
Feet

Basemap Source: Michigan Center for Geographic Information, v. 17.9 Date Source: County or Local Community Source: Armada Township 2023 McKenna 2023



ADJACENT LAND USE IN SURROUNDING COMMUNITIES

Armada Township is directly bordered by four other townships and the Village of Romeo, and shares corners with four additional townships. The township also surrounds the Village of Armada. Land use decisions that are made by surrounding communities will affect what happens in the township. As such, regional cooperation is an important consideration moving forward and is an opportunity for collaboration, the maximization of resources, and a stronger regional identity.

The Village of Armada

The Village of Armada is home to a historic downtown that serves as the commercial center of Armada Township. Incorporated in 1867, the village had 1,684 residents as of the 2020 Census. Residential development within the community is relatively dense, and this density is enabled in part by the existence of the village's water and sewer system. The township offices are located within the village on Main Street.

The Village's most recent Master Plan, adopted in 2005, calls for the annexation of certain Armada Township land around the edges of the village. These annexations would, among other things, place the Middle School and the fairgrounds inside the village. The township takes the position that land uses and services of the village should not expand via annexation, and instead, work together in a collaborative fashion that maximizes shared resources for the benefit of the larger Armada Community. Armada Township desires to work together with the Village of Armada, and collaborate on land use planning, parks and recreation, infrastructure, etc. that mutually benefit all residents: a healthy Village is a healthy Township. It is critical for both the township and village to maintain strong communication with one another as they pursue future development and service agreements; this communication has increased recently, and it is priority of the township to even further enhance collaboration efforts.

The Village of Romeo

The Village of Romeo's most recent master plan (2022) plans for industrial land uses along the entire eastern boundary line. Per the plan, this area is "intended to be isolated from other uses" and to accommodate "a wide variety of industrial manufacturing uses, in addition to some commercial uses".

Bruce Township

Much of the Armada Township land that shares a boundary with Bruce Township is agricultural. Bruce Township's land use plan calls mostly for large-lot residential on the townships' shared boundary, with a small amount of industrial land near 33 Mile Road and the eastern boundary. The agricultural areas bordering Armada Township are designated as Primary Agricultural Preservation Areas in the 2009 Master Plan. The Master Plan was adopted in 2009 and amended in 2016.

Washington Charter Township

Washington Township shares a corner with Armada Township; land on both sides of the boundary is planned for industrial use.

Ray Township

Ray Township shares the whole southern boundary of Armada Township, along 32 Mile Road. Ray Township's 2010 Land Use Plan projects most of this land to remain agricultural, with some low-density residential, commercial, and industrial development across from Armada Township's southwestern corner, near the small airport. From Wolcott Road to Omo Road, the adjacent parcels have been designated as Agricultural Preservation Areas.

Lenox Township

Lenox Township's northwestern corner touches Armada Township's southeastern corner. Armada Township is dominated by Consumers Energy's Ray Compressor Station in this area. The Lenox Township Future Land Use map designates the Township's northwestern corner as a Rural Preservation district.

Richmond Township

Richmond Township shares Armada Township's eastern boundary, defined by Omo Road. Richmond Township's 2015 land use plan calls for agriculture and low-density residential along the whole boundary, with a small commercial node at Armada Ridge Road and Omo Road.

Riley Township

Riley Township, located in St. Clair County, meets Armada Township at the northeastern corner. This corner of Riley Township is agricultural in character.

Berlin Township

Berlin Township, located in St. Clair County, shares Armada Township's northern boundary, partly defined by Bordman Road. Berlin Township plans for the land across the boundary line from Armada Township to remain primarily agricultural.

Almont Township

Almont Township, located in Lapeer County, touches Armada Township at the northwestern corner. This corner of Almont Township is planned for agriculture and low-density residential uses.



COMMUNITY FACILITIES

The presence of community services, infrastructure and amenities are several important considerations when locating a home or a business in Armada Township. For residential developments, the quality of local schools and recreation opportunities may attract potential home buyers. Public safety and other services also contribute to the desirability of a community for all types of development. Within the Master Plan, it is necessary to recognize the impact that community services and infrastructure may have on the physical development of the community and identify any potential barriers for future growth.

TOWNSHIP HALL

The Township Hall is located within the Village of Armada at 23121 E. Main Street and houses all of the Township departments, except for the Fire Department. The main floor is organized around a central gathering room where all meetings of the Planning Commission, Township Board, and all other boards and committees are held.

ARMADA FREE PUBLIC LIBRARY

The Armada Free Public Library is located at 73930 Church Street within the Village of Armada. The library was built in 1901 and is a "Carnegie Library". The library belongs to MeLCat (Michigan Electronic Library) and MLibrariCard. Access to the internet, electronic books, magazines, and music are available inside and outside the library. In addition to these traditional library services, it offers many different events, from reading challenges, book clubs, Lego clubs, to Genealogy Society meetings, as well as virtual Learning & tours, and even virtual Vacations!



SENIOR CENTER

The Armada Senior Center (75400 North Avenue) serves the larger Armada community and offers numerous events and activities year-round. Offerings range from exercise classes, social activities such as bingo, luncheons, and dinners, to arts and crafts, and trips to neighboring cities and villages.

TORNADO SIRENS – SAFETY INFRASTRUCTURE

In 2022, four existing tornado sirens were located in Armada Township: Romeo Plank and Armada Center intersection; Boardman and North Avenue intersection; 23175 Armada Center (Fire Station); and 71485 North Avenue (Blakes Property). In 2023, new tornado sirens were installed (using funding from ARPA) at the following general locations, for a total of 16 sirens across the community. These locations are listed below and also detailed on the community facilities map.

- 23955 Main Street
- 75357 Coon Creek
- 70827 Romeo Plank
- 21820 Armada Ridge
- 23113 Irwin
- 21614 McPhall
- 20070 Pratt
- 79379 Romeo Plank
- 18700 Irwin
- 20641 Armada Ridge
- 18160 34 Mile'
- 69100 Camler



FIRE

The Armada Township Fire Department (ATFD) serves both the Township and the Village of Armada and is located just north of the village at 23175 Armada Center Road. The ATFD was established in 1853 and was one of the first departments to provide basic life support ambulance services in Northern Macomb County. In 2004, the first full-time fire chief was hired. Through progressive planning and budgeting, the ATFD hired three full-time firefighter paramedics in August 2009 and two months later upgraded from Basic Life Support transporting to Advanced Life Support transporting services.

Today, the department provides fire, rescue, and Advanced Life Support ambulance service out of one station, staffed 24/7. The ATFD staff consists of a full-time fire chief and 12 full-time firefighters/paramedics, who are supported by part-time and paid on call staff. Their budget is derived from ambulance transport revenue, a 3.25 mills special assessment rate for fire protection, and a 2.25 mills millage rate for Advanced Life Support.

Armada Township also owns a parcel on Romeo Plank, near 33 Mile Road, for a possible future Fire Department substation, which could be built if development in the Township's southwestern corner reaches a point where the need for additional service in closer proximity arises.

POLICE

Police protection in Armada Township is provided primarily by the Michigan State Police and the Macomb County Sheriff Office, which responds to emergency calls.



PARKS AND RECREATION

Armada Township adopted its most recent Recreation Master Plan in January 2019. This plan remains the guiding document for parks and recreation planning in the Township. The Recreation Master Plan offers six main goals:

1. Enhance and increase the quality of life for Armada Township residents by providing recreation programs and facilities to meet their needs.
2. Cooperate with the school districts, county, and other regional recreation providers in the delivery of recreation opportunities to Township residents.
3. Preserve and utilize the Township's existing natural features and habitat (woodlands, wetlands, topography, and floodplains) for open space and recreation purposes, such as hunting, hiking, and connecting with nature.
4. Acquire additional land in appropriate locations as it becomes available.
5. Examine whether partnership opportunities exist to expand township recreational programming while limiting costs.
6. Encourage volunteering and embrace volunteer fundraising efforts.

TOWNSHIP PARKS

Armada Township Park, at Armada Center and North Avenue, has been recently upgraded with new play equipment, and offers social amenities such as a pavilion, as well as ball fields and a soccer field. A World Class Board and Bike Skate Park is another amenity in the park and is well used by youth.

The park is also home to the Senior Center, which offers meeting and program space for seniors. These recreational facilities are supplemented by fields and playscapes at the township's three schools, as well as privately owned but generally accessible ball fields at the Amvets hall (across the street from the park).

The Freiwald Anchor (pictured right) is a public memorial, in recognition of the many contributions Armada residents have made in service. The memorial features a 1,000 pound anchor from the 1840s, which is placed near the flagpole in Township Park. There is also a PFC Iron Mike Giannattasio Memorial Garden located in the park.



REGIONAL PARKS

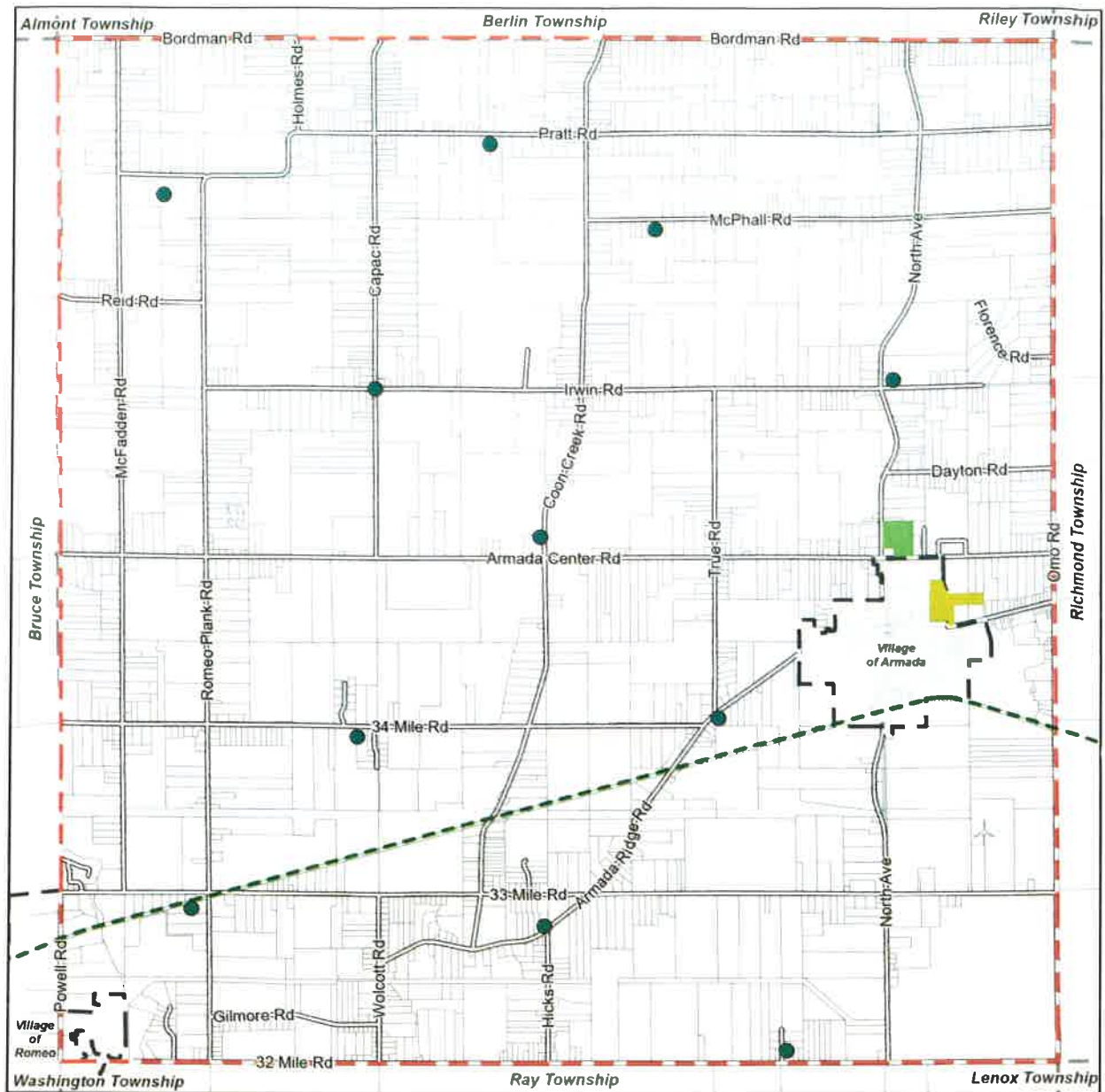
Township residents' regional park needs are served by Wolcott Mill Metropark in Ray Township. The Macomb Orchard Trail provides an off-street walking and bicycling link to the greater region, including Romeo, Richmond, and the Village of Armada.

FUTURE PARK SPACE

Due to Armada Township's rural development pattern with larger lots, most residents find their immediate open space needs are met at home; additional neighborhood park spaces are not in demand at this time. However, the development of new greenspaces along the Macomb Orchard Trail could be a regional asset and further draw recreational tourism into the community. As newer developments are proposed, opportunities for land conservation and dedication, including trail spurs to the Trail, are encouraged to continue to preserve land in a manner that is both sustainable and recreational.

One such opportunity is Armada Ridge Park. This Township owned parcel is southwest of the Village of Armada, with frontage on Armada Ridge Road and the Macomb Orchard Trail, and preliminary plans to develop it as a park and trailhead have been established. Implementation of those plans is funding dependent.





Community Facilities Map

Armada Township,
Macomb County, Michigan

January 4, 2024

LEGEND

- Tornado Sirens
- Armada Township Park
- Armada Agricultural Society Fairground
- Macomb Orchard Trail
- Armada Township Boundary
- Village Boundaries
- Other Municipal Boundaries



0 2,000 4,000
Feet

Basemap Source: Michigan Center for Geographic Information, v. 17a. Data Source: County or Local Community Source: Armada Township 2023 McKenna 2023



ENERGY

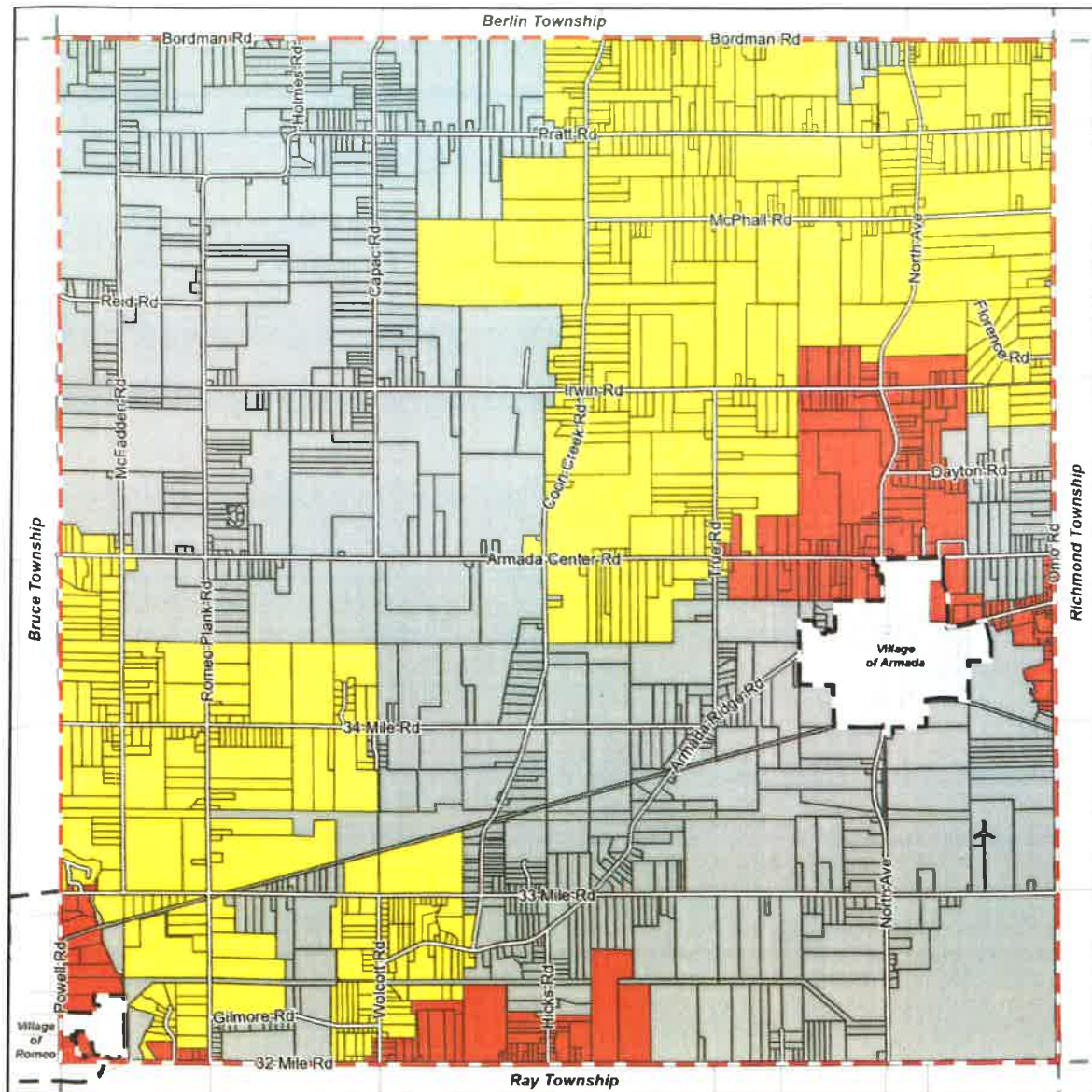
In an effort to reduce residents' energy outages and utility costs, as well as reduce carbon emissions, the Township may want to consider alternative, renewable energy options, such as wind turbines, solar arrays, geothermal, and hydroelectric power. Armada Township is uniquely situated with open land that can accommodate these energy sources. Additionally, installing devices that are symbiotic to agricultural uses, such as wind turbines, can offer a great supplemental income for agricultural properties.

Currently, the Township allows for wind turbines throughout the Township with certain restrictions of height, noise, and setbacks. Given the absence of wind turbines from properties within the Township, steps should be taken to understand the barriers to implementing this type of renewable energy source. Additionally, the Township should consider where solar arrays could be accommodated. Planning for the strategic location of solar installation will allow for investments in renewables while preserving agricultural land and the rural character. Additional collaborative efforts should be explored with the private entities who are large consumers of energy in the Township to reduce the overall carbon footprint of Armada Township and the region most effectively.

Recently, the State of Michigan has taken measures to shift the permitting of utility-scale wind and solar to be handled by the Michigan Public Service Commission rather than local governments. More specifically, this pertains to wind facilities that produce over 100 megawatts (about 15-20 turbines), solar arrays that produce over 100 megawatts (about 400-700 solar panels), and BESS with a capacity over 200 megawatts. However, for solar arrays that produce 50-100 megawatts, a local government can opt-in to regulate this type of facility by local zoning, so long as the local zoning is not stricter than state regulations. With either scenario, developers are required to meet with local officials and hold a public input meeting, as well as abide by state standards for noise, shadow flicker, setbacks and additional regulations. As the Township considers where solar arrays could be accommodated, the Township should consider if it would like to opt in to regulate solar facilities of 50-100 megawatts and what sort of design standards they would request of developers exempt from the local zoning ordinance, such as landscaping buffers from the roadways.

BROADBAND / WIFI

More than ever, WIFI and broadband services are essential to the local and regional economy. Access to high-speed internet is important for residents working from home, for students to engage in online learning, and for residents to remain socially connected from their homes. Because of this, broadband internet service is a factor in where residents choose to live. For the Township to remain as a desirable place to live, the Township should monitor the broadband service options available to current residents as well as future residential developments and work to facilitate improved broadband with service providers as needed.



Internet Access Map

Armada Township,
Macomb County, Michigan

January 4, 2024

LEGEND

- Available Pre-2022
- 2022 Construction (CMIC 1.0)
- Not Available*
- Armada Township Boundary
- Village Boundaries
- Other Municipal Boundaries

* Actual availability may include some parcels in gray adjacent to yellow areas.

Fixed Wireline Broadband and 25 Mbps/3 Mbps
using Coaxial Technology



0 2,000 4,000
Feet

Basemap Source: Michigan Center for Geographic Information, v. 17a. Data Source: County or Local Community Source: Armada Township 2023 McKenna 2023



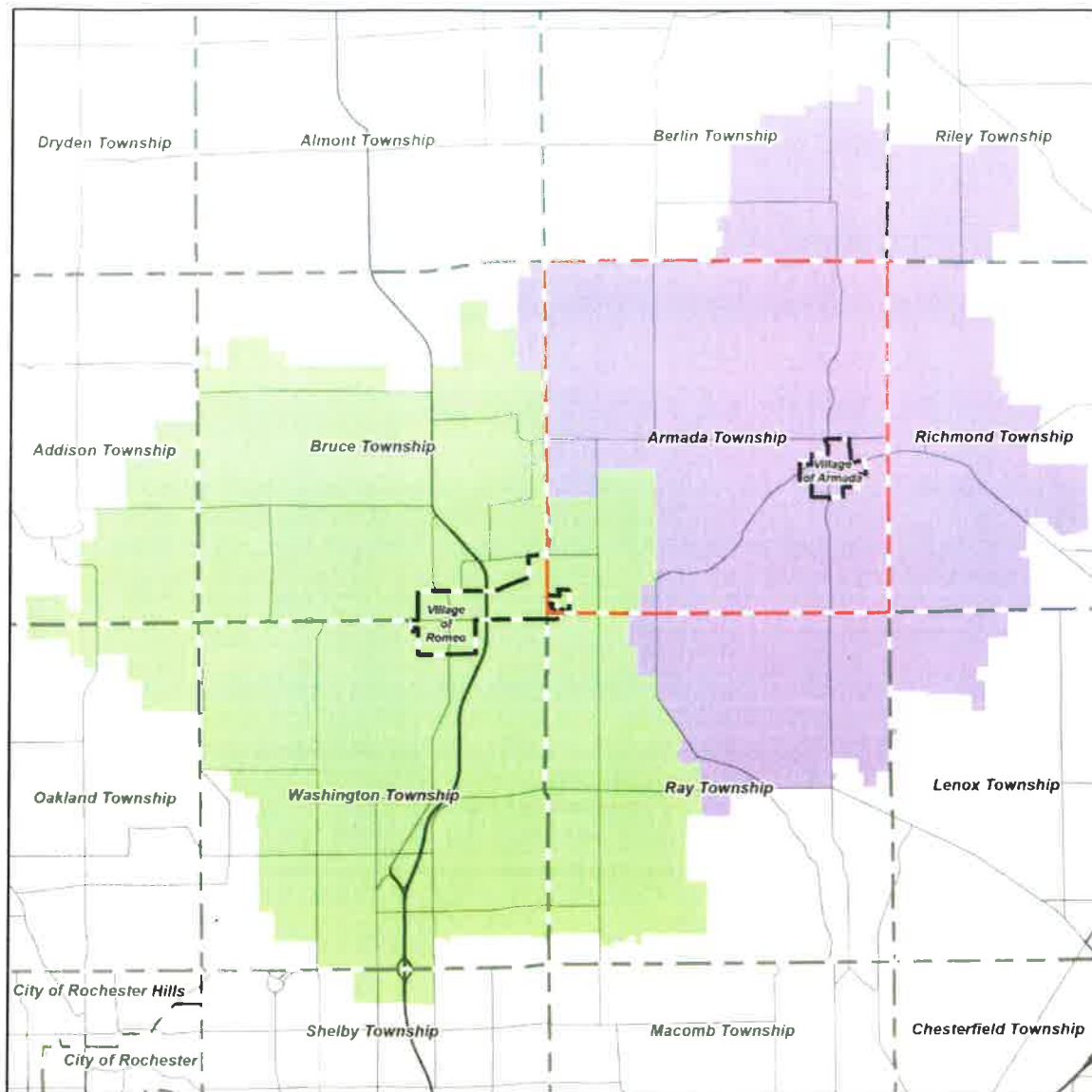


SCHOOLS DISTRICTS

Armada Area Schools serve the Village of Armada and parts of Armada, Berlin, Bruce, Lenox, Ray, Richmond, and Riley Townships. As of Fall 2023, approximately 1,700 students were enrolled, with 500 students as Schools of Choice (pupils who do not live within the district area). In addition to elementary, middle, and high schools, the Armada Area Schools district is home to the Academy of Arts & Sciences and the Armada Conservatory of the Arts, which is well-renowned, as well as a Continuing Education Program. The Academy of Arts & Sciences and the Armada Conservatory of the Arts serves as a point of attraction for the Armada Community and can continue to help attract families to the area, as the district is a school of choice district. No changes to student enrollment are projected over the next five years by the district.

The southwestern corner of Armada Township is served by Romeo Community Schools, which also covers the Village of Romeo, Washington Township and portions of Addison, Bruce, Oakland, Ray, and Shelby Townships.

The map on the following page shows how the Township is divided into the two school districts.



School District Map

Armada Township,
Macomb County, Michigan

February 6, 2024

LEGEND

- Armada Area Schools
- Romeo Community Schools
- Armada Township Boundary
- Village Boundaries



0 5,000 10,000
Feet

Basemap Source: Michigan Center for Geographic Information v. 17a Data Source: County or Local Community Source: Armada Township 2023 Mckenna 2023



CHAPTER #3

Armada's Complete Streets Network

Land use patterns and transportation systems are inherently connected. Proximity to efficient and connected transportation networks is a primary factor in determining where new development occurs, and what type of development should occur in each area.

TRAFFIC PATTERNS

NATIONAL FUNCTIONAL CLASSIFICATION

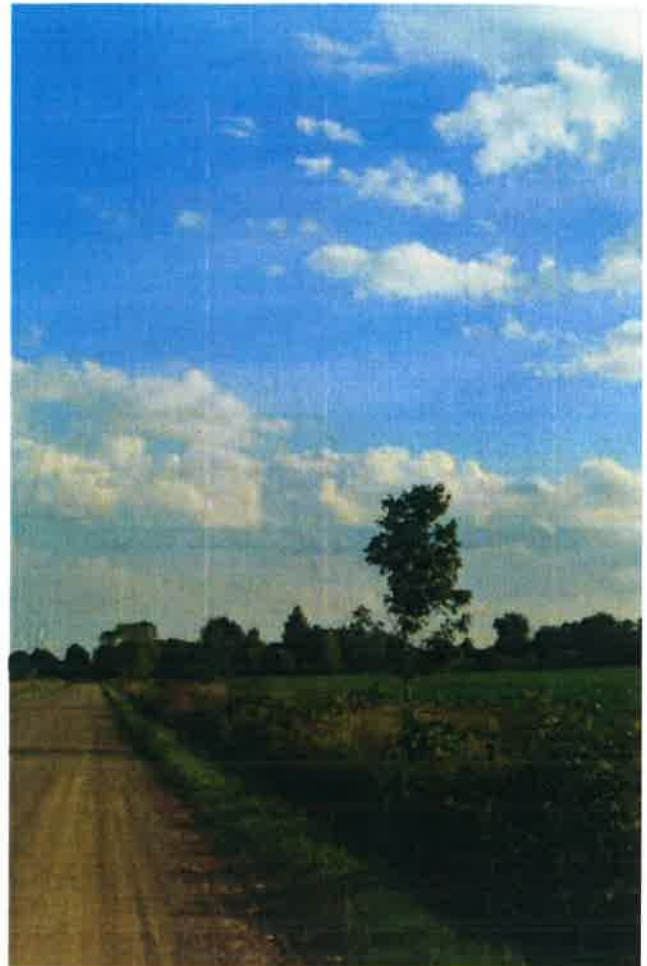
Roadways within the township are generally under the control of Macomb County; there are only a couple of private roads which exist (less than 2%, or less than one-mile of private roadways).

TRAFFIC COUNTS

As a rural community, Armada Township has generally low traffic volumes on many of its roads. However, a few north/south routes that are paved through the township and along its southern edge do have robust average annual daily traffic volumes.

32 Mile has the highest traffic volumes in the township, especially west of Wolcott Road. Other roads with higher volumes include North Avenue, Armada Center, Armada Ridge, Bordman between North Avenue and Omo, and a north-south route through the western portion of the Township running down Capac to Armada Center, then west to Romeo Plank and down to 32 Mile. These volumes should play a role in locating future commercial development.

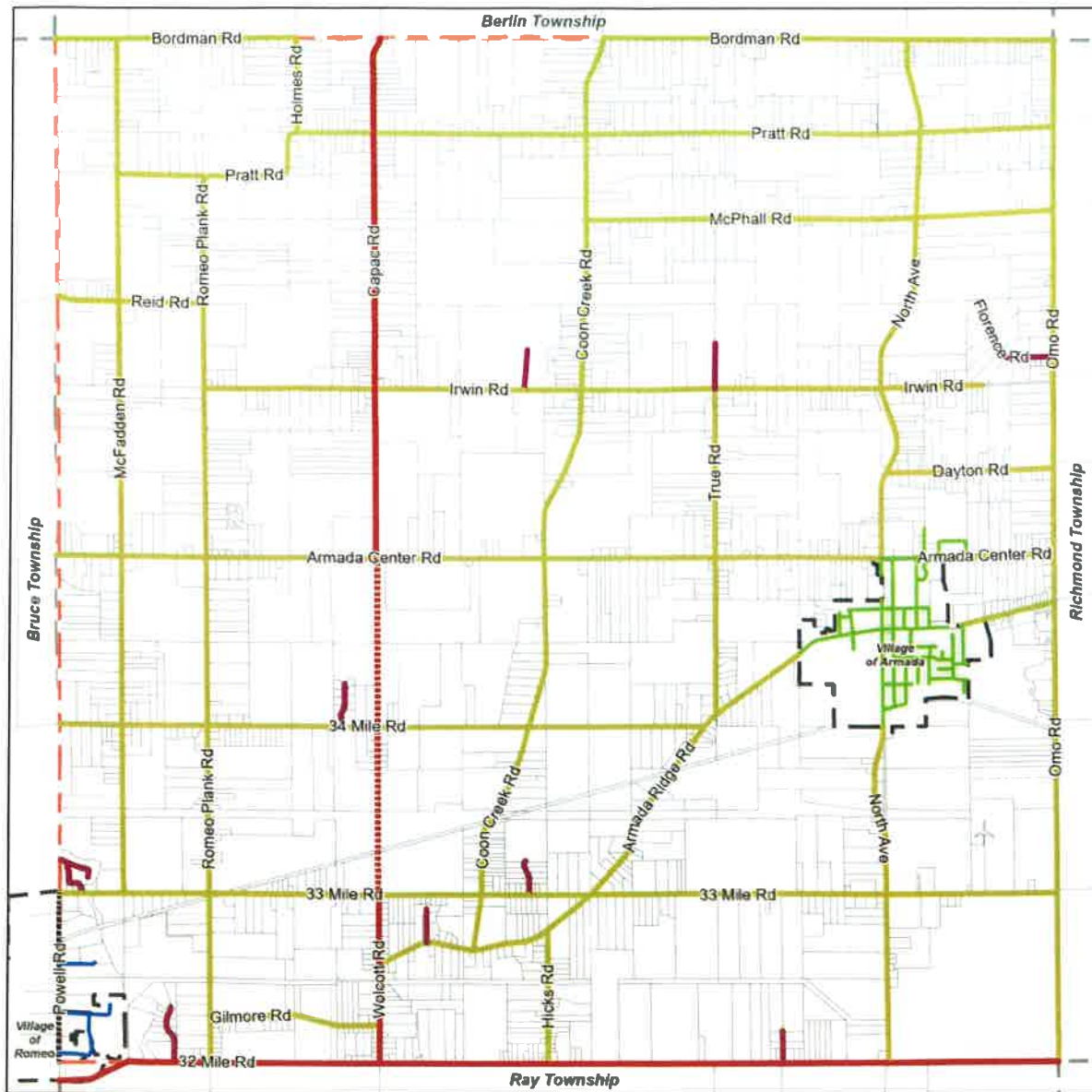
Since the 2015 Master Plan update, these traffic volumes have only increased. For instance, both Romeo Plank Road and North Avenue previously had AADTs of 4,000 or less, the latest traffic data (2017) from SEMCOG indicates an AADT of 9,900 on Romeo Plank Road and 7,100 on North Avenue (south of the Village of Armada limits).



Recent Traffic Studies and Focus Areas

In collaboration with Blakes Orchard, Armada Township is working with Macomb County to determine the best course of action for roadway improvements along Armada Center Road. In 2022, a traffic study was conducted along the stretch of Armada Center Road near Blakes, which receives a high volume of traffic during the high tourist season. The Township's goal is to ensure public safety, while balancing private economic development.

The following pages illustrate traffic counts and show the planned future width of road rights-of-way throughout the Township.



Thoroughfare Plan Map

Armada Township,
Macomb County, Michigan

January 4, 2024

LEGEND

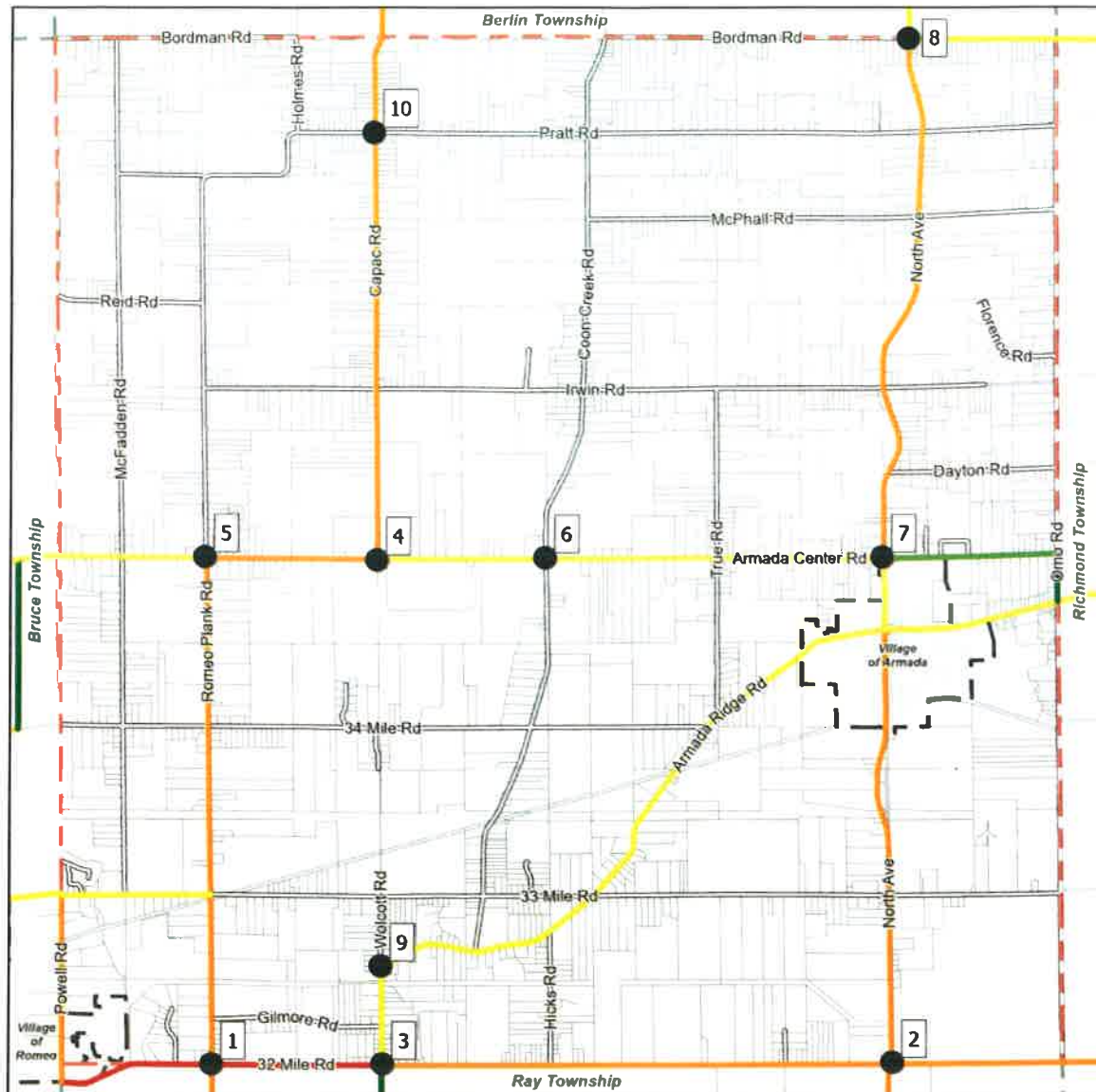
- Local Road
- Village Road
- Major Road with 120' ROW
- Major Road with 150' ROW
- - - Proposed Major Road with 150' ROW
- Industrial Major Road
- - - Industrial Collector Road
- Armada Township Boundary
- Village Boundaries
- Other Municipal Boundaries



0 2,000 4,000
Feet

Baseemap Source: Michigan Center for Geographic Information, v. 17a. Data Source: County or Local Community Source Armada Township 2023 McKenna 2023.





Circulation System Map (Existing)

Armada Township,
Macomb County, Michigan

January 4, 2024

LEGEND

- High Frequency Crash Locations
- 2021 AADT
- 3 - 1000
- 1001 - 2000
- 2001 - 5000
- 5001 - 10000
- 10001 - 15000
- Armada Township Boundary
- Village Boundaries
- Other Municipal Boundaries



0 2,000 4,000
Feet

Basemap Source: Michigan Center for Geographic Information, v. 17a. Data Source: County or Local Community Source: Armada Township 2023 McKenna 2023



HIGH-FREQUENCY CRASH INTERSECTIONS

Table 12: High-Frequency Crash Locations at Armada Township Intersections, 2017-2021

Rank	Intersection	2017	2018	2019	2020	2021	Total	Yearly Average
1	32 Mile Road @ Romeo Plank Road	4	4	3	7	7	25	5
2	32 Mile Road @ North Avenue	3	2	7	5	3	20	4
3	32 Mile Road @ Wolcott Road	6	1	3	2	6	18	3.6
4	Armada Center Road @ Capac Road	3	4	4	1	0	12	2.4
5	Armada Center Road @ Romeo Plank Road	3	1	6	1	0	11	2.2
6	Armada Center Road @ Coon Creek Road	3	2	2	2	1	10	2
7	Armada Center Road @ Fulton Street	2	4	2	1	0	9	1.8
8	Bordman Road @ North Avenue	2	1	3	1	1	8	1.6
9	Armada Ridge Road @ Wolcott Road	2	2	0	2	1	7	1.4
10	Capac Road @ Pratt Road	3	2	0	0	1	6	1.2

COMPLETE STREETS

In general, complete streets can be described as a road design approach that is supported through local policy. Complete streets are designed to enable safe and efficient access for all users, both motorized and non-motorized. This includes pedestrians, bicyclists, motorists, and transit users. Complete Streets policies plan for the accessibility for users of all ages and physical capabilities. Complete Streets are achieved when transportation agencies routinely plan, design, construct, re-construct, operate, and maintain the transportation network to improve travel conditions for bicyclists, pedestrians, transit, and freight in a manner consistent with, and supportive of, the surrounding community.

In a semi-rural context, complete streets are important for enhancing the safety of the road network, promoting public health by creating walkable or bikeable roadways, improving a community's equity and economy, and increasing connectivity. Development of pedestrian, bicycle, and transit infrastructure offers long term cost savings and opportunities to create safe and convenient non-motorized travel.

The Michigan Legislature has passed Complete Streets legislation through Public Acts 134 and 135 that requires the Michigan Department of Transportation (MDOT) to consider all users in transportation-related projects and work with residents, townships, cities and villages to include planning for Complete Streets in their transportation programming. Complete Streets policies and practices that consider all users in transportation related projects and recognizes the importance of street infrastructure, landscaping and modifications such as sidewalk enhancements/extensions, crosswalk improvements, shared use pathways, bicycle lanes, synchronized signals and accessible curb ramps that enable safe, convenient and comfortable travel for all is an important component of the Master Plan.



GREEN INFRASTRUCTURE

The Township has the potential to advance its roadways to become green streets. Green streets include elements such as rain gardens, landscaped medians, and permeable pavers. These added components yield many benefits to the area and its residents, such as beautification of the roadways, enhancing the ability of streets to avoid flooding and withstand erosion as well as avoid the need for more costly “grey infrastructure” such as expanded sewer systems and replacing asphalt.

Within Macomb County, other cities and townships are taking steps to implement such roadway designs. Additionally, every municipality in the County has been greatly encouraged by the County Department of Public Works to manage more stormwater runoff diverting it from the collective sewer drainage system. Given that the majority of the roadways are county roads, Armada Township should work with the County Roads Department on measures to convert roadways to green streets. Additionally, new roadways should meet green street requirements.

CHAPTER #4

A Vision for the Future

The following chapter details both the public engagement results from the community-wide survey and the goals and objectives of Armada Township.



PUBLIC ENGAGEMENT RESULTS: COMMUNITY-WIDE SURVEY

BACKGROUND

The Planning Commission crafted a community-wide survey to gauge the position of residents on many elements of land use planning, including the amount of land designated for specific uses, such as commercial, industrial, housing, and parkland. The survey was made available on the township's website and hard copies were offered at Township Hall offices and in several local businesses, at the library and in parks. An email blast was also sent to all on the roster (those who have signed up to receive emails regarding community news and meeting notices).

After being available for two months in the summer of 2023, the survey was closed and a total of 313 responses were received. Full results of the survey are detailed in Appendix A, with key highlights noted below.

FUTURE LAND USE PREFERENCES

Commercial Uses. Half (50%) of survey respondents felt there was the right amount of retail commercial space already in Armada Township, with approximately a third (31%) indicating there is not enough retail commercial development. In contrast, most survey respondents were not in favor of additional commercial (specifically retail): 50% of respondents stated that they do not support attracting new commercial development to generate revenues to improve township services (excluding the village). A majority of respondents (65%) indicated that they would rather drive to nearby communities of Romeo, Richmond, Macomb, and Washington for retail and service uses.

At odds with this preference is the desire for more employment opportunities within the township limits (44% of survey respondents supported this idea). Armada Township residents already have longer work commutes than the average Michigander, with nearly half of all commutes taking between 30 and 59 minutes to get to work and more than 10% needing between one hour and an hour and a half. In contrast, the majority of Michiganders spend less than half an hour commuting to work. Providing for additional retail commercial uses and other employment opportunities within the township would potentially reduce this travel time to work and to reach basic services, allowing residents to spend less time commuting and more time for their families, friends, recreation, and relaxation.

Top new commercial developments that survey respondents would prefer to see in the community include:

1. Restaurants (sit-down, fast casual, etc.): 36%
2. Retail stores / boutiques: 30%
3. Recreation / fitness facilities: 27%
4. Professional office / healthcare facilities: 20%

Preferences on the ideal geographic locations for new retail and commercial areas were mixed, with a slight preference on North Avenue (south of the Village), followed by 32 Mile Road, east of Romeo Plank.

Industrial Uses. Even less support for new industrial uses was identified as part of the survey (51% of respondents did not support). Further, only 27% of respondents supported policies such as a tax abatement to attract new industrial developments. Should new, higher intensity industrial developments be considered, 32 Mile Road (east of Romeo Plank), was identified as the most suitable location, followed by Romeo Plank (north of 32 Mile Road). A number of other respondents noted that industrial uses could be provided for along Powell Road.

Housing. 47% of respondents supported additional housing opportunities in the township, such as multiple-family residential, apartments, and senior living facilities. 33 Mile Road was identified as the preferred geographic location for additional housing styles, followed by North Avenue (south of the village limits). However, 33 Mile Road is a gravel road and the utility infrastructure does not presently support additional housing units in this location.

Park Space. When asked whether the priority should lie with maintaining and improving the existing Armada Park (off North Avenue) or exploring new park developments (such as the future planned Armada Ridge Park), the majority of respondents (55%) voted to focus on maintaining existing park and trail facilities, including the Macomb Orchard Trail. Should the Armada Ridge Park be developed in the future, top desired amenities identified for the site include:

1. Picnic pavilions: 48%
2. Playscape: 35%
3. Dog park: 26%
4. Music park: 26%



Vision Statement

Armada Township is an engaging community for residents of all ages. We seek sustainable growth, while preserving the tranquility of our rural landscapes and our agricultural roots. We respect our past while focusing on our future.



GOALS AND OBJECTIVES

The following goals and objectives will help guide the elected and appointed officials of Armada Township over the next 5+ years.

GOAL 01:

Agricultural Importance

Promote the preservation of active farmland in the township and recognize the importance of farming and other agricultural uses to Armada's history and economy.

OBJECTIVES:

- **Purchase of Development Rights.** Continue to participate in the Purchase of Development Rights (PDR) program and actively promote PDR.
- **Agricultural Practices.** Promote the Generally Accepted Agricultural Management Practices (GAAMPs) developed by the State to help provide protection for farmers and farming activities that utilize appropriate farming practices.
- **Encourage Farming Operations.** Maintain low density residential development in those areas of the Township where farming is promoted and expected to be maintained.



GOAL 02:

Valuing the Environment

Promote the preservation of the natural environment using a systems approach that recognizes the inter-relationship between environmental features

OBJECTIVES:

- **Education.** Work within the context of the Clinton River Watershed sub-groups to educate residents of the benefits of environmental preservation.
- **Environmental Protection.** Promote ordinances that require or encourage the preservation of the natural environment such as open space zoning, overlay zoning, planned unit development, and natural feature setbacks. Collaborate with the Macomb County Public Works Office to minimize channelizing and clear cutting and preserve county drains and recognized streams and rivers in their natural state.
- **Best Management Practices.** Encourage creative developments and best management practices (BMPs) that incorporate and enhance existing natural features.
- **Outdoor Recreation.** Support the growth and development of Armada Township parks as a regional destination for year-round outdoor recreation activities.
- **Agritourism.** Value the natural environment while simultaneously respecting the needs of the business and commercial endeavors.

GOAL 03:

Housing for All

Continue to promote a diversity of residential densities and housing typologies throughout the township, as sewer and water utilities are available.

OBJECTIVES:

- **Housing Standards.** Amend the Zoning Ordinance to better incentivize and encourage a variety of housing typologies, including duplexes, triplexes, fourplexes, live/work units, etc.
- **Aging in Place.** Amend the Zoning Ordinance to better encourage senior housing developments (both independent and assisted living).
- **Infrastructure.** Among other factors, residential densities should be based on available sewer capacity in those areas planned for water and sewer service and the ability of conventional septic systems to accommodate residential development for those areas not served by sewer utilities.

GOAL 04:

Expanded Tax Base

Develop planned commercial and industrial areas that provide opportunities for all types and sizes of development, providing additional tax base for the township.

OBJECTIVES:

- **Commercial Uses.** Develop smaller, more localized commercial activity nodes at the intersections of 32 Mile Road (other than Romeo Plank and North Avenue). Promote complementary commercial and office uses to the south of the village, along North Avenue.
- **Industrial Standards and Uses.** Develop guidelines for the development of industrial sites, including setbacks, façade treatment, construction, screening, landscaping, and parking.
- **Tax Base Expansion.** Encourage the development of a second industrial subdivision within the township, located in the Armada Area Schools District and work with the Village of Armada.
- **Fiscal Impacts.** Continue to understand the fiscal impacts of the township based on anticipated growth.
- **Infrastructure.** Allow for the extension of infrastructure in an appropriate and timed manner, considering initial as well as future costs and benefits of such an extension.

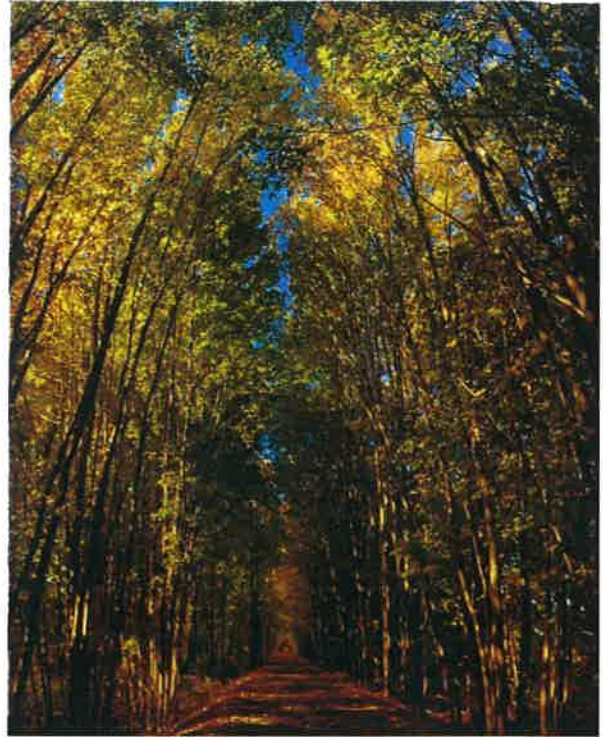
GOAL 05:

Accessible Transportation Systems

Implement Complete Streets principles throughout the township as appropriate in order to provide safe, efficient and well-maintained roadways that accommodate all modes of transportation.

OBJECTIVES:

- **Complete Streets.** In partnership with Macomb County, develop Complete Streets guidelines for new developments and for existing roadways. Determine how best to apply Complete Streets principles in different areas of the township, respecting that the same standards may not be appropriate for all places.
- **Greenway Corridors.** Develop and implement potential greenway corridors (in conjunction with regional plans).
- **Enhanced Regional Partnerships.** Continue to support and search for new public and private partnerships that will help to further build regional, cross-community connections and support infrastructure project implementation.



CHAPTER #5

Implementation

The Future Land Use Plan is a guiding document intended to outline the goals and intentions of the township regarding land use and future development. The basis for the development of the Plan is Armada Township's desire to allow the community to continue to evolve while maintaining the small-town character residents have experienced over the past decades and cherish to this day.

Future decisions regarding the township zoning ordinance and map will reference the framework provided by this Plan. This chapter addresses agricultural, residential, commercial, mixed use, and industrial development.

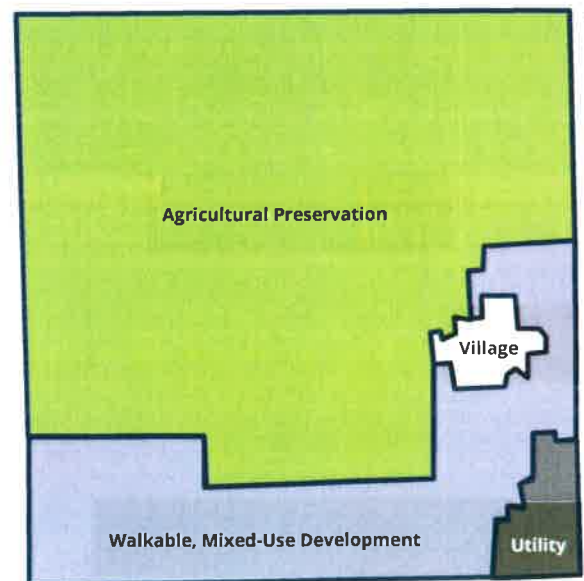


FUTURE LAND USE PLAN

The amount of land to be devoted to a given use is determined with the help of criteria that help guide decisions. Existing land use within the community and region, roads, soils, topography, economic potential, and changes in the community and region's population and demographic characteristics all inform the placement and acreage afforded to different land uses.

The concept land use plan included on this page reserves much of the community for agriculture and very low-density rural residential uses. The Future Land Use Map acknowledges the utility use in the Township's southeast corner as a distinct area not intended for further development in the foreseeable future.

The remaining land, primarily in the southern portion of Armada Township and in the area around the Village, is designated for development, including single family homes, flexible residential, commercial, mixed use, and industrial uses. Given the historical spread of development in Macomb County, this is the area most likely to be affected first by future development. The intensity of development in the Development Area will be dependent on the extension of water and sewer service into the area. The Township's preliminary sewer district is shown on the Future Land Use Map. Portions of the Development Area are not projected to be sewerred, and lot sizes in these areas will be accordingly larger, providing a transition to the agricultural areas.



ANTICIPATED GROWTH PATTERNS

The Southeast Michigan Council of Governments (SEMCOG) projects that the Township's population will remain fairly steady into the foreseeable future. This projection, however, does not take into account the possible introduction of water and sewer infrastructure in the southern portion of the township, an extension of infrastructure that could potentially make that part of Armada Township more attractive to developers and new residents.

The conceptual land use framework intentionally limits growth in the primarily agricultural northern two thirds of the township. This area is intended to be preserved well into the future as a low-density district comprised mostly of farms and residences on large lots. Plans to extend the sanitary sewer interceptor to the southwest corner of the township have been created, but not yet implemented. Should these utility plans be implemented, the sanitary sewer infrastructure would be phased into the township slowly over a long time period, in response to demand and the economic feasibility of such an expansion. The township would likely need to explore or create a public-private partnership to fully realize the sewer extension and improvements. If constructed, the projected initial sewer area would serve the township's southwestern corner, including the industrial area, the commercial area at Romeo Plank and 32 Mile, and some single-family residential neighborhoods.

As new residential and industrial uses arrive in the township over time, new residents and workers will need access to a range of services. The land use plans that follow identify portions of the preliminary sewer district that coincide with the area's major intersections for more intensive mixed-use development that could serve these needs. The plan also provides for complementary development along North Avenue south of the village.

PLANNING TO SUPPORT AGRICULTURAL PRESERVATION

Armada Township recognizes that over the timeframe of the Master Plan, some agricultural land will be converted to other uses. The township supports its goal of preserving farmland and agricultural uses by continuing to pursue a suite of complementary strategies that offer both farmers and the township a measure of control over what happens to agricultural land. These strategies include:

Minimize the Amount of Agricultural Land Converted to Residential Uses

Planning to direct as much urban development as possible into the southern portion of the township where sanitary sewer service is planned will prevent the loss of large amounts of farmland in the Agriculture and Rural Residential areas. The projected sewer district will offer more than enough capacity to absorb projected growth for the foreseeable future.

Retain Rural Road Status in Areas Planned for Farming or Extremely Low Density Residential

Land use capacity is directly tied to road carrying capacity. Higher-density subdivisions require road construction, and industrial uses generally require roads that can support heavy truck traffic. Rural roads, and especially unpaved rural roads, by their nature limit the uses that can be supported in a given area. Opting against paving or expanding roads in the Agriculture and Rural Residential area can be an effective means of controlling the pace of redevelopment. Preserving farmland also reduces the need for new roads, which helps control infrastructure maintenance costs.



Promote Purchase of Development Rights (PDR)

PDR is a technique that can preserve agricultural land in perpetuity, benefiting the landowner through financial compensation for agreeing to preserve the use of the land, and benefiting the community through the preservation of a valuable economic and environmental resource.

Promote Enrollment in the Michigan Farmland Preservation Program

The Michigan Farmland Preservation Program offers funding support for local PDR programs and also has a range of voluntary agreements that landowners can enter into:

- **Farmland Development Rights Agreements.** Offers tax benefits and special assessment exemptions in exchange for farmland preservation.
- **Conservation Easement Donations.** Permanently restricts redevelopment of farmland or open space through an agreement with the State of Michigan.
- **Local Open Space Easements.** Temporarily restricts redevelopment in exchange for tax benefits.
- **Designated Open Space Easements.** Similar to Local Open Space Agreements, but the agreement is entered into with the State of Michigan, rather than the Township.

Minimize Conflict between Existing Farmland and New Residential Development

The State of Michigan's GAAMPs is a guiding policy for agricultural management. Adhering to these standards reinforces the right to farm while also protecting neighboring uses from spillover effects of agricultural activities.

Reflect The Township's Rural and Agricultural Heritage in New Development

Ensure that new development, and especially development that is more intensive than the previous use, respects the Township's agricultural and rural character in the design of both buildings and site.



RESIDENTIAL AREAS PLAN

Mapping the township's intended residential development types and densities provides a basis for guiding development in a sensible and organized manner and also the Future Land Use Map identifies several different land use classifications that accommodate residential development:

Agricultural Preservation

The land use designation is synonymous with the Agriculture and Rural Residential planning area; the paramount goal of the township in this area is the preservation of agricultural land.

Single Family Residential

The area designated Single Family primarily supports detached single-family housing at moderate density; density in the future will vary based on the provision of sanitary sewer service. A portion of this area is also identified as a possible location for manufactured housing. Open Space or Conservation Subdivisions are encouraged in this district.

Flexible Residential

Flexible Residential, found in the projected Preliminary Sewer District along 32 Mile, will be developed in accordance with future sanitary sewer capacity and might include multiple-family housing, attached single-family housing, or detached single-family housing.

Senior Housing

As Armada Township's population continues to age, consideration must be given to providing for the housing needs of seniors. Accommodations that allow seniors to remain in their communities can take many forms, from retrofitting an existing single-family home for accessibility to full assisted living facilities.

The Township's plans for mixed use and flexible development areas offer places where higher permitted densities could accommodate more intensive senior housing developments, including developments in close proximity to convenience shopping and services.

Mixed Use

Located near the village in the projected Preliminary Sewer District, the Mixed Use district could accommodate residential units on upper floors of multi-story buildings.

Flexible Development

The Flexible Development area along 32 Mile is intended to respond to future market demand and provide for the possibility of future development in a Single Family, Mixed Use or Flexible Residential pattern. The use of Planned Unit Development (PUD) procedures is anticipated to encourage flexible, coordinated development in this area.

The Township encourages maintaining agriculture in all of these districts.

PLANNING FOR SEPTIC SYSTEMS FOR HIGHER DENSITY RESIDENTIAL

In areas where no sewer service is planned, homes will require conventional wells and septic systems, and not all soils in the township have the same capacity to accommodate septic systems; in some cases, multiple adjacent lots of 1.75 acres will tax this capacity. Septic systems should also be placed a minimum of 100-feet from open bodies of water; the Macomb County Health Department issues guidelines for the development of septic systems.

In areas where sewer service is planned to be phased in, the lower density Single Family designation will remain in place until sewer service arrives, at which point the area must be rezoned to a classification that will accommodate the higher density. This classification will have to be crafted and added to the Zoning Ordinance in the interim.

In the Flexible Residential, Flexible Development, and Mixed Use districts, accommodation must be made for a sensible density and distribution of residential units attached either to each other or to commercial structures (typically on upper floors). In the Flexible Residential and Flexible Development districts, multi-family housing may be constructed at a density of up to 7 units per acre, so long as the average density of the district does not exceed 4 units per acre. In the Mixed Use district, a stand-alone structure of attached residential units can be developed to a maximum density of 7 units per acre, while a true mixed use structure, with commercial uses on the street-facing side of the ground floor may be developed with a residential density of up to 10 units per acre. In all three districts, the density limits for Single Family Residential without sewer service will prevail until sewer service becomes available.

CRITERIA FOR LOCATING MANUFACTURED HOUSING

Multiple manufactured housing developments are not planned due to limited road capacities, limited planned sewer and water capacities, and the ability of the township to provide manufactured housing within a single development. Any future manufactured housing developments must meet all the following criteria:

- The main access roadway is paved and has a planned right-of-way of a major roadway.
- Ability to provide multiple access points, on two different roads.
- Manufactured housing developments not to exceed 100 acres.
- The site falls within the planned sewer district.
- The site is proximal to community facilities and commercial areas.

COMMERCIAL AND INDUSTRIAL DEVELOPMENTS AND CHARACTER

To ensure that future commercial and industrial development in the township does not detract from the area's generally rural character, the township should continue to implement design guidelines that guide the appearance of development and establish a feel that respects the community's rural heritage.

OVERALL DESIGN GUIDELINES

Rather than strictly prescribing architectural styles and site elements, these design guidelines draw on elements of the community's existing character and provide a framework for imparting rural character to new commercial and industrial development.

Site Context

Development that occurs in prominent areas, such as major corners or gateways, should reflect the importance of the location through signage and sensitive treatment of the landscape. Commercial or industrial development requiring retention ponds should take care to make the pond appear natural by clustering trees and including wetland elements.

Landscaping

Much of the landscaping found throughout the township is fairly informal. Stones unearthed on the property are often used to edge areas of deliberate planting and many fields are edged with narrow rows of native vegetation. Tree lines commonly delineate property lines and road edges. Generally, drainage is accomplished with swales; even in a sewer district, swales could be used to feed a storm sewer and for direct site drainage. It is possible to strike a balance between this sort of informal, easily maintained landscaping and the sort of formal landscaping more commonly found in built-up districts. Native plants can be used to help accomplish this kind of look. Tree lines could be used in industrial zones to provide a sense of distinction between properties. Rights-of-way should also be screened with native landscaping, providing a naturalized buffer and an environmental enhancement.



Fences

Many properties in Armada Township are not fenced, but a variety of fencing styles exist in the township and could be drawn upon in a design overlay in order to provide a menu for developers to choose from. Fences can be combined with other landscaping standards to give developers many options that nonetheless lead to a unified appearance. Simple bare-wood split rail fences are common. Basic, white rail fences are also fairly common. Embellishments such as stone piers are acceptable, particularly if finished in a manner that resembles fieldstone.



Driveways

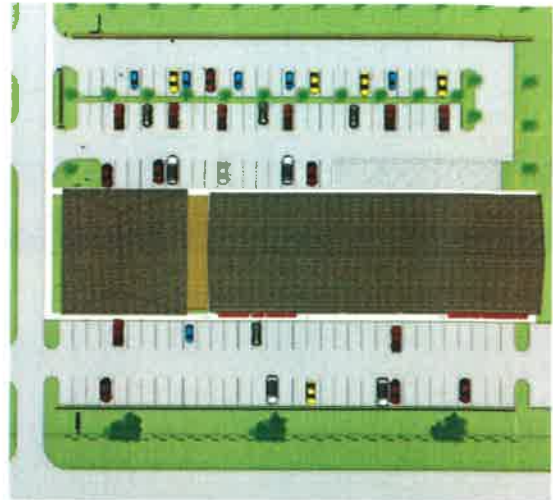
Treatment of the end of driveways in a potential industrial or commercial area can help integrate these properties aesthetically into the rural fabric of the community. Culverts under driveways often have stone framing them, and this could be adopted as a standards for a design overlay. The presence of the stone also serves a practical anti-erosion purpose.

Many homes display their addresses on simple posts by the roadside, and this standard, if applied at a scale appropriate to a commercial or industrial district, could offer another way to provide visual parallels with the existing community. Other decorative elements at the ends of driveways are common in the township. Freestanding stone or concrete gate piers, corner fences, and open gates are common elements framing the ends of driveways.

BUILDING APPEARANCE AND PLACEMENT

It is important that commercial and industrial buildings reflect a sense of quality as well as local character. The following framework elements are established:

- Facades facing a public street should be faced primarily with durable, high-quality materials such as brick, stone, decorative block, and similar materials.
- One-story buildings should have minimum ceiling heights of about 14 feet and should include design elements that give their street-facing facades greater prominence.
- Pitched roofs are generally more reflective of surrounding development and preferred to flat roofs.
- Buildings should generally be sited in the front half of the lot with limited parking in the front. The balance of parking should be placed in the side and/or rear yard, as shown in the example to the right.



Design Example

This design example below shows how the framework elements could be applied to the development of a shopping center to capture some of the rural feel in the community and set the buildings in a context that respects the heritage of the area. The front swale is planted with native grasses, trees are placed in naturalistic clusters, and the parking lot is screened by a farm-style fence. This design further shows buildings designed to be taller than their single-story layouts might otherwise suggest; this provides a sense of scale that gives the development presence from the roadway. Additionally, parking is screened by a low wall at the rear lot line.





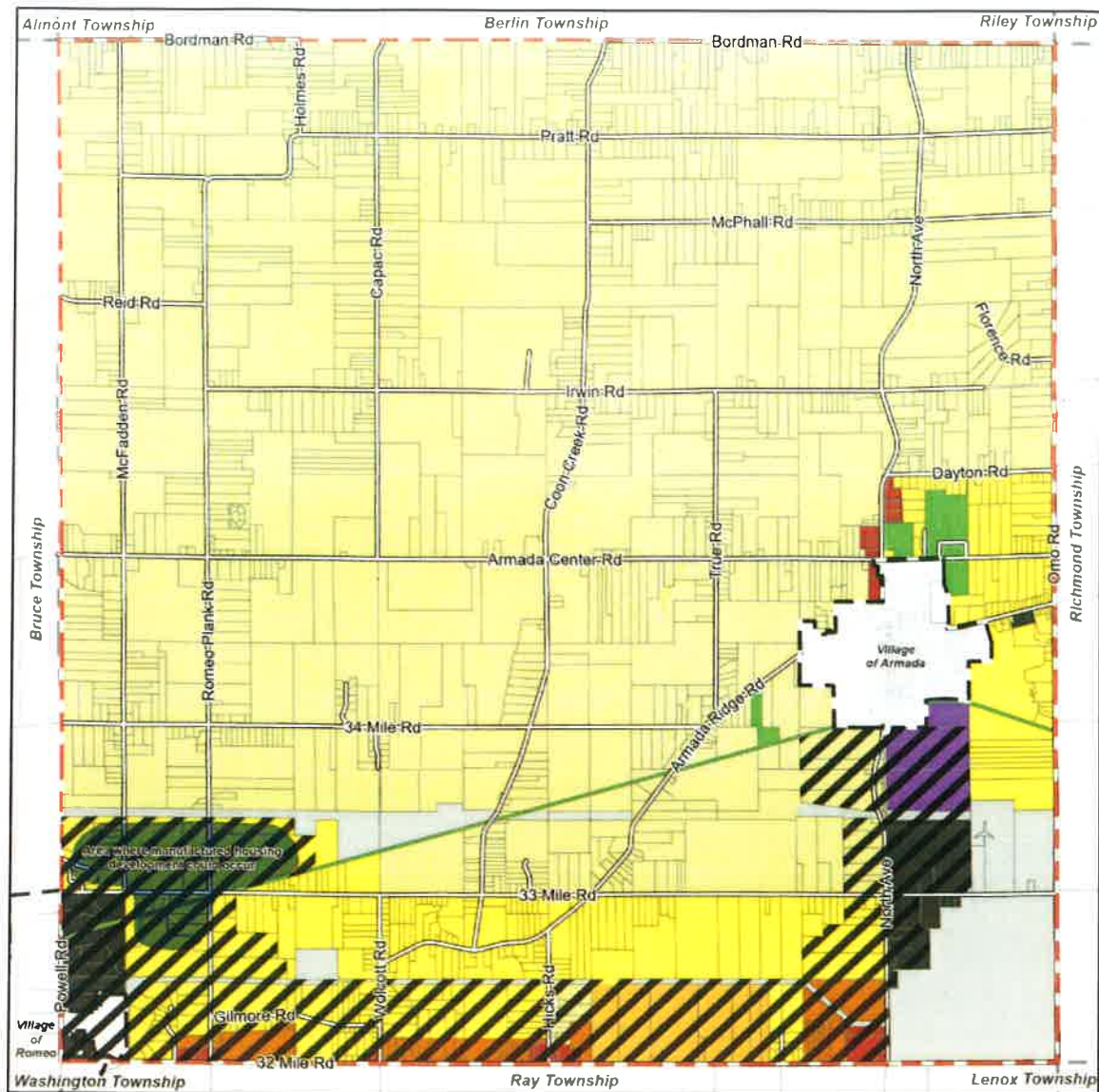
INDUSTRIAL AREAS PLAN

Industrial uses have traditionally provided municipalities with a stable job base as well as additional tax base to support desired services. Armada Township is largely on the fringe of the types of transportation and sanitary infrastructure that industrial land uses typically seek.

SPECIAL DEVELOPMENT CONSIDERATIONS FOR INDUSTRIAL AREAS

While the Design Framework can be applied to the township's industrial districts, industrial uses often require additional screening from nearby uses, owing to their relatively high intensity. The township, in an effort to sustain or enhance industrial values, has established industrial development standards, which if properly implemented, will minimize impacts to the surrounding neighborhood, increase the aesthetics of the planned industrial areas and finally, increase industrial property values.

- Ensure that all outdoor storage areas are adequately screened from public view as well as adjacent properties. This can be accomplished through the use of evergreen screening, decorative concrete walls, rolling earthen berms and the like.
- Buildings fronting on public or existing private thoroughfares should be constructed of decorative brick, stone, split face block or other acceptable materials for all facades visible to the public.
- Provide protection between planned industrial areas and existing residential dwellings or planned single family residential areas. The screening methods can be those utilized for screening outdoor storage areas.
- Coordinate access drives between users to reduce the total number of driveways, while still allowing adequate access to the site for both typical automobiles as well as industrial truck traffic.
- Ensure that uses conform to the township's adopted performance standards regulating noise, vibration, hazardous materials, etc.
- Excess parking may be land banked in a designated, landscaped area, to be developed if needed at a future



Future Land Use Map

Armada Township,
Macomb County, Michigan

February 6, 2024

LEGEND

- Agricultural Preservation
- Single Family
- Flexible Residential
- Mixed Use
- Flexible Development
- Commercial
- Industrial
- Utility
- Public
- Preliminary Sewer District
- Armada Township Boundary
- Village Boundaries



Basemap Source: Michigan Center for Geographic Information v. 17a. Data Source: County or Local Community Source: Armada Township 2023
McKenna 2023







IMPLEMENTING THE PLAN

The Strategic Action Plan table on the following pages presents a detailed summary of all the recommended implementation activities, responsible parties, and potential funding resources for each project. Since many of the recommendations are important to the long-term success of Armada Township, the community must aggressively pursue outside funding to provide matching dollars to achieve township goals.

SUMMARY OF ACTIONS

Recommendations for future projects are organized around the five goals of this Plan:

Goal #1: Agricultural Importance. Promote the preservation of active farmland in the township and recognize the importance of farming and other agricultural uses to Armada's history and economy.

Goal #2: Valuing the Environment. Promote the preservation of the natural environment using a systems approach that recognizes the inter-relationship between environmental features.

Goal #3: Housing for All. Promote a diversity of residential densities and housing typologies throughout the township, as sewer and water utilities are available.

Goal #4: Expanded Tax Base. Develop planned commercial and industrial areas that provide opportunities for all types and sizes of development, providing additional tax base for the township.

Goal #5: Accessible Transportation Systems. Implement Complete Streets principles throughout the township as appropriate in order to provide safe, efficient and well-maintained roadways that accommodate all modes of transportation.

IMPLEMENTATION KEY FOR THE ACTION PLAN

The key below describes actions and tools available to implement the vision of this Master Plan. “Priority” indicates the level of importance of a given action task. While all the identified projects are important, limited resources dictate a choice and a system of prioritizing funding as available. “Responsible Parties” indicates the organization and individuals that must be involved to successfully carry out the project.

Priority		Responsible Parties	
A	Most Important	ATB	Armada Township Board
B	Very Important	BO	Business Owners
C	Important	CW	Clinton River Watershed
		CO	Community Organizations
		EGLE	MI Dept. of Environment, Great Lakes, and Energy
		HO	Homeowners
		MC	Macomb County
		MDNR	MI Dept. of Natural Resources
		MDOT	MI Dept. of Transportation
		MEDC	MI Economic Development Corporation
		MSHDA	MI State Housing Development Authority
		PC	Planning Commission
		PD	Private Developers
		SEMCOG	Southeast Michigan Council of Governments
		TA	Township Administration
		VA	Village of Armada
Timeframe			
The timeframe is measured as a range of years, extending from the adoption of this Plan in 2024. Some projects are noted as “on-going”.			
Near-Term	1-4 years		
Mid-Term	5-9 years		
Long-Range	10+ years		
On-going			
Funding			
Public	Public funds from the Township's operating budget, and any County or State funding (including any local government bonds and grants).		
Private	Funds from private sources such as grant monies, corporate funding, or private investment dollars.		

STRATEGIC ACTION PLAN

Goal Support	Task	Priority	Timeframe	Responsible Parties	Funding
#2 / #5	Develop a Joint Recreation Master Plan with the Village of Armada (the current plan expires January 2024, being adopted in 2019).	A	Near-term	ATB, PC, TA, VA	Public
#2 / #4	Amend the Zoning Ordinance to ensure quality industrial development.	A	Near-term	ATB, PC	Public
#1 / #2 / #4 / #5	Develop a rural character design overlay for 32 Mile and North Avenue corridors.	A	Near-term	ATB, PC	Public
#3	Reduce barriers to housing in the Zoning Ordinance, this includes implement the Michigan Association of Planning Housing Zoning Reform Best Practices).	A	On-going	ATB, MEDC, MSHDA, PC	Public
#4	Continue to conduct cost benefit analysis to determine the on-term economic feasibility of infrastructure extensions.	A	Mid-Term	ATB, MC, PC, TA	Public
#4	Continue to review and seek funding for the extension and enhancement of water and sewer infrastructure.	A	On-going	ATB, MC, PC, TA	Public / Private
#2	Amend the Zoning Ordinance to promote the preservation of natural features, including greater development standards for new development.	B	Near-term	ATB, PC	Public
#2 / #5	Pursue grants (MDNR, SEMCOG, etc.) for the adopted Recreation Master Plan. Funding sources are detailed on the following page.	B	On-going	ATB, MDNR, TA, VA	Public
#1	Continue to participate in the Purchase of Development Rights (PDR) program and promote the purchase of farmland rights.	B	On-going	ATB, MC, TA	Public / Private
#4	Create a "development guide" to streamline the review and approval process for site plans, special land uses, etc.	C	Near-term	PC, VA	Public
#2	Amend the Zoning Ordinance to account for green infrastructure standards, including renewable energy systems.	C	Mid-term	ATB, PC	Public
#4	Conduct a fiscal needs study for the next 10-20 years based on anticipated population, capital improvements, the fire department needs, and other township services / capacities.	C	Long-term	ATB, MC, PC	Public / Private

FUTURE FUNDING FOR PARKS

Future funding sources for park improvements is available through three of the most well-known recreation grant programs available to municipalities through the Michigan Department of Natural Resources (MDNR) (for communities that have an up-to-date MDNR-approved recreation plan):

MICHIGAN NATURAL RESOURCES TRUST FUND (MNRTF)

Eligible projects include acquisition of land or rights in land for recreational uses or for protection of the land because of its environmental importance or scenic beauty, including additions to existing parks, forest lands or wildlife areas. Development of public outdoor-recreation facilities is eligible (such as picnic areas, beaches, boating access, fishing and hunting facilities, winter sports areas, playgrounds, ballfields, tennis courts, and trails). Funds are provided through the sale of oil and mineral leases on State land. Local contributions equal to at least 25% of the project cost are required. There is no minimum or maximum amount for acquisition projects. The minimum allowable grant for development is \$15,000 and the maximum is \$500,000.

There are three special initiatives approved by the Trust Fund Board of Trustees. Proposals receive special attention if they:

- Are located within U.S. Census Bureau Metropolitan Statistical Areas;
- Increase environmental education facilities statewide; but particularly in urban areas; and
- Acquire land or develop trail ways that contribute to the development of a statewide trail network.

LAND AND WATER CONSERVATION FUND (LWCF)

Administered eligible projects include community recreation and trailway improvements. These are grants of \$10,000 to \$250,000 to local units of government for development of facilities such as ballfields, tennis courts, playgrounds, trails, and picnic areas; and including support facilities; renovation of existing facilities and retrofitting of existing facilities to make them accessible to persons with disabilities. Funds are provided through federal appropriations. The grant match basis is 50% MDNR / 50% local.

RECREATION PASSPORT

The Recreation Passport program is funded through proceeds of park passes purchased for admission to State Parks in Michigan. Grants of between \$7,500 and \$75,000 are available to communities mainly for the improvement of existing parks, though new park development is technically eligible.

Appendix

Appendix A:
ADOPTION DOCUMENTS

Insert when available

NEW BUSINESS

9-a

Fire Fund 206 - FY 2023-2024

budget amendments

LINE ITEM	DESCRIPTION	PREVIOUS AMOUNT	ADJUSTMENT	NEW AMOUNT
206-336-704.011	Full Time FLSA OT	\$ 60,050.00	\$ 6,800.00	\$ 66,850.00
206-336-724-001	Retirement MERS	\$ 55,605.00	\$ 15,000.00	\$ 70,605.00
206-336-742.000	Station Supplies	\$ 4,000.00	\$ 1,200.00	\$ 5,200.00
206-336-797.000	Fire & Life Safety Division	\$ 7,500.00	\$ 150.00	\$ 7,650.00
206-336-799.000	Personal protective Equip.	\$ 15,000.00	\$ 13,500.00	\$ 28,500.00
206-336-801.000	Contractual Services	\$ 25,000.00	\$ 8,750.00	\$ 33,750.00
206-336-803.000	Audit/ Accounting	\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
206-336-920.002	Phones/ Internet/ Modem	\$ 8,000.00	\$ 1,500.00	\$ 9,500.00
206.336-931.000	Vehicle Maintenance	\$ 23,000.00	\$ 14,000.00	\$ 37,000.00
			\$ 63,400.00	
206-336-704.000	Fire Chief Salary	\$ 73,000.00	\$ (20,900.00)	\$ 52,100.00
206-336-704.005	Paid On Call Wages	\$ 20,000.00	\$ (10,500.00)	\$ 9,500.00
206-336-724-000	Retirement Chief	\$ 7,300.00	\$ (3,000.00)	\$ 4,300.00
206-336-830.000	Education/ Training	\$ 28,000.00	\$ (13,000.00)	\$ 15,000.00
206-336-930.003	Station & Grounds Maint.	\$ 18,000.00	\$ (6,500.00)	\$ 11,500.00
206.336-971.013	Building Remodel/ Updates	\$ 10,000.00	\$ (9,500.00)	\$ 500.00
			\$ (63,400.00)	

9-b

MEETING DATE: 3.5.24
GENERAL FUND
FY 23/24 Budget

[illegible]

9-f

	A	B	C	D	E	F
1	03/06/2024	BUDGET REPORT FOR ARMADA TOWNSHIP				
2		ARMADA TOWNSHIP				
3		Calculations as of 03/31/2024				
4						
5						
6			2023-24	2023-24	2024-25	2024-25
7			ORIGINAL	ACTIVITY	PROPOSED	APPROVED
8	GL NUMBER	DESCRIPTION	BUDGET	THRU 03/31/24	BUDGET	BUDGET
9						
10	Fund 206 - FIRE FUND					
11						
12	ESTIMATED REVENUES					
13	Dept 000					
14	206-000-403.003	CURRENT TAX REVENUE-SAD	898,549.00	715,598.63	971,977.00	
15	206-000-403.005	CURRENT TAX REVENUE - ALS	568,243.00	479,663.12	909,721.00	
16	206-000-505.003	AFG GRANT			1.00	
17	206-000-505.005	FY GRANT INCOME	254,250.00	113,025.90	254,250.00	
18	206-000-528.000	COVID19 OTHER FEDERAL GRANTS - REVENUE	1.00			
19	206-000-528.001	HAZARD PAY REIMBURSEMENT	1.00			
20	206-000-569.001	STATE GRANTS - FIRE OTHER			1.00	
21	206-000-626.006	FIRE CONTRACT - RICHMOND	1.00			
22	206-000-626.008	OTHER REVENUE/COST RECOVERY	2,000.00	12,063.65	4,000.00	
23	206-000-627.025	INSPECTIONS / SITE PLAN REVIEW	100.00		100.00	
24	206-000-638.011	ALS TRANSPORT INCOME	275,000.00	302,719.73	300,000.00	
25	206-000-664.000	INTEREST & DIVIDEND REVENUE	500.00	17,798.94	1,000.00	
26	206-000-674.007	DONATIONS	1.00	1,505.00	1.00	
27	206-000-676.000	15% HEALTH INS REIMB FULL TIME	19,455.00	12,703.37	15,000.00	
28	206-000-676.009	FAIR/STANDBY FEES	18,000.00	26,128.76	25,000.00	
29	206-000-676.022	CPR/AED TRAINING REIMBURSEMENT	100.00	3,955.00	1,000.00	
30	206-000-687.000	REFUNDS	250.00		1.00	
31	206-000-692.006	USE OF FUND BALANCE			1.00	
32	206-000-693.000	ASSET SALES	20,000.00	24,500.00	1.00	
33	Totals for dept 000 -		2,056,451.00	1,709,662.10	2,482,054.00	
34						
35	TOTAL ESTIMATED REVENUES		2,056,451.00	1,709,662.10	2,482,054.00	
36						
37						

A	B	C	D	E	F
6		2023-24	2023-24	2024-25	2024-25
7		ORIGINAL	ACTIVITY	PROPOSED	APPROVED
8	GL NUMBER DESCRIPTION	BUDGET	THRU 03/31/24	BUDGET	BUDGET
9					
38	APPROPRIATIONS				
39	Dept 336 - FIRE OPERATING				
40	206-336-704.000 FIRE CHIEF SALARY	73,000.00	35,804.58	79,000.00	
41	206-336-704.001 ASST FIRE CHIEF WAGES	1.00			
42	206-336-704.002 ADMIN WAGES	3,600.00	3,323.04	3,744.00	
43	206-336-704.003 FULL TIME WAGES	698,483.00	624,846.56	725,452.66	
44	206-336-704.004 PART TIME WAGES	174,000.00	164,254.01	185,000.00	
45	206-336-704.005 PAID ON CALL WAGES	20,000.00	6,340.00	20,000.00	
46	206-336-704.008 OVERTIME	224,050.00	154,506.31	175,000.00	
47	206-336-704.009 COVID19 EXPENSES/HAZARD PAY	1.00			
48	206-336-704.010 COVID19 EXPENSES/PERSONNEL OVERTIME	1.00			
49	206-336-704.011 FULL TIME FLSA OT WAGES		65,529.00	80,000.00	
50	206-336-710.000 LIABILITY/WORK COMP INSURANCE	52,000.00	46,771.00	60,000.00	
51	206-336-713.301 HOLIDAY PAY	38,400.00	38,400.00	39,200.00	
52	206-336-713.320 LONGEVITY PAY			12,000.00	
53	206-336-720.000 UNIFORM MAINTENANCE ALLOWANCE			9,750.00	
54	206-336-720.001 UNIFORM PURCHASES	13,500.00	13,395.31	15,000.00	
55	206-336-721.000 EMPLOYER'S FICA - FIRE	17,025.00	68,391.97	77,121.92	
56	206-336-721.001 EMPLOYER'S FICA - ALS	57,815.00			
57	206-336-722.000 EMPLOYER'S MEDICARE - FIRE	4,000.00	15,994.89	17,850.00	
58	206-336-722.001 EMPLOYER'S MEDICARE - ALS	13,500.00			
59	206-336-723.000 HEALTH INSURANCE	163,500.00	119,733.09	170,000.00	
60	206-336-723.001 HEALTH & WELLNESS			15,000.00	
61	206-336-724.000 RETIREMENT - CHIEF	7,300.00	2,972.58	7,900.00	
62	206-336-724.001 RETIREMENT-MERS	55,605.00	67,072.75	80,000.00	
63	206-336-727.000 OFFICE SUPPLIES	5,000.00	4,600.37	5,000.00	
64	206-336-742.000 STATION SUPPLIES	4,000.00	4,437.64	6,500.00	
65	206-336-743.000 VEHICLE SUPPLIES	1,350.00	1,186.57	2,500.00	
66	206-336-751.000 COVID19 EXPENSES/SUPPLIES	1.00			
67	206-336-780.000 POSTAGE/SHIPPING CHARGES	500.00	296.40	200.00	
68	206-336-797.000 FIRE & LIFE SAFETY DIVISION	7,500.00	7,559.83	10,000.00	
69	206-336-797.001 EMS EXPENSES	13,000.00	12,962.59	2,500.00	
70	206-336-798.000 FIREFIGHTING EQUIP/SUPPLIES	10,000.00	6,650.10	8,000.00	

A		B	C		D	E	F
6			2023-24	2023-24	2024-25	2024-25	2024-25
7			ORIGINAL	ACTIVITY	PROPOSED	APPROVED	
8	GL NUMBER	DESCRIPTION	BUDGET	THRU 03/31/24	BUDGET	BUDGET	BUDGET
9							
71	206-336-798.001	EQUIP/SUPPLIES EMS			15,000.00		
72	206-336-799.000	PERSONAL PROTECTIVE EQUIP	15,000.00	29,545.14	18,000.00		
73	206-336-801.000	CONTRACTUAL SERVICES	25,000.00	32,787.72	10,000.00		
74	206-336-801.001	CONTRACTUAL SERVICES EMS			105,000.00		
75	206-336-803.000	AUDIT/ACCOUNTING	10,000.00	12,010.00	13,000.00		
76	206-336-825.000	DISPATCHING/RADIO/FRMS	40,000.00	20,373.55	70,000.00		
77	206-336-830.000	EDUCATION/TRAINING	28,000.00	12,935.93	40,000.00		
78	206-336-830.001	PROFESSIONAL DEVELOPMENT			1,500.00		
79	206-336-860.000	FUEL FIRE	20,000.00	14,737.03	23,000.00		
80	206-336-920.000	UTILITIES	15,225.00	12,642.07	16,000.00		
81	206-336-920.002	PHONES/INTERNET/MODEMS	8,000.00	8,187.79	12,000.00		
82	206-336-930.001	EQUIP/ REPAIR/INSPECTIONS FIRE	10,950.00	9,580.96	10,950.00		
83	206-336-930.002	EQUIP/ REPAIR/INSPECTIONS EMS	23,150.00	20,172.73	25,000.00		
84	206-336-930.003	STATION & GROUNDS MAINT/REPAIRS FIRE	18,000.00	10,786.77	15,000.00		
85	206-336-931.000	VEHICLE MAINT/INSPECTIONS EMS	23,000.00	34,412.96	30,000.00		
86	206-336-955.000	COMMUNITY OUTREACH	2,000.00	1,928.54	3,500.00		
87	206-336-955.001	REST AND REHAB	500.00	85.19	500.00		
88	206-336-969.000	GRANT EXPENSES	1.00		1.00		
89	206-336-970.000	CAPITAL OUTLAY	47,608.58	7,472.51	144,000.00		
90	206-336-970.002	ASSET SALE EXPENSES		20.00			
91	206-336-971.013	BUILDING REMODELING/UPDATES FIRE	10,000.00		20,000.00		
92	206-336-991.001	AMBULANCE BANK LOAN	34,894.39		34,894.39		
93	206-336-991.002	ENGINE - BANK LOANS	47,108.00	47,107.48	47,108.00		
94	206-336-993.006	RR INTEREST BREAKOUT	20,882.03	5,372.88	20,882.03		
95	Totals for dept 336 - FIRE OPERATING		2,056,451.00	1,745,187.84	2,482,054.00		
96							
97	TOTAL APPROPRIATIONS		2,056,451.00	1,745,187.84	2,482,054.00		
98							
99	NET OF REVENUES/APPROPRIATIONS - FUND 206			(35,525.74)			
100	BEGINNING FUND BALANCE		1,315,748.45	1,315,748.45	1,280,222.71		1,280,222.71
101	ENDING FUND BALANCE		1,315,748.45	1,280,222.71	1,280,222.71		1,280,222.71

	A	B	C		D	E	F
1	03/06/2024	BUDGET REPORT FOR ARMADA TOWNSHIP					
2		ARMADA TOWNSHIP					
3		Calculations as of 03/31/2024					
4							
5							
6			2023-24	2023-24	2024-25	2024-25	
7			ORIGINAL	ACTIVITY	PROPOSED	APPROVED	
8	GL NUMBER	DESCRIPTION	BUDGET	THRU 03/31/24	BUDGET	BUDGET	
9							
10	Fund 101 - GENERAL FUND						
11							
12	ESTIMATED REVENUES						
13	Dept 000						
14	101-000-402.001	TAX REVENUE	274,083.00	303,514.94	292,101.00		
15	101-000-448.002	TAX COLLECTION INCOME	5,654.25				
16	101-000-491.000	BUILDING PERMITS	46,000.00	37,276.00	45,000.00		
17	101-000-492.000	ELECTRICAL PERMITS	16,000.00	11,903.00	15,000.00		
18	101-000-493.000	MECHANICAL PERMITS	20,000.00	8,050.00	15,000.00		
19	101-000-494.000	PLUMBING PERMITS	9,000.00	4,708.00	8,000.00		
20	101-000-528.000	FEDERAL GRANTS	22,000.00		1.00		
21	101-000-540.001	STATE GRANTS			1.00		
22	101-000-543.005	STATE GRANT PUBLIC SAFETY	1.00	21,812.00	1.00		
23	101-000-573.000	LOCAL COMMUNITY SHARE	8,000.00	3,798.86	6,000.00		
24	101-000-574.001	LIQUOR / STATE SHARED	1,300.00	928.95	1,300.00		
25	101-000-574.002	SALES / REVENUE SHARING	396,000.00	334,352.00	401,088.00		
26	101-000-587.001	SMART- MUNICIPAL	2,400.00	6,665.00	3,000.00		
27	101-000-587.002	SMART - COMMUNITY	10,540.00	2,795.00	10,542.00		
28	101-000-607.001	ZONING BOARD OF APPEALS	1,280.00	640.00	1,280.00		
29	101-000-607.002	ZONING SPLITS/LAND DIVISION	3,500.00	1,840.00	3,000.00		
30	101-000-607.004	SPECIAL MTGS / REVIEWS-PLANNING	15,000.00	711.39	5,000.00		
31	101-000-607.005	CEMETERY PLOTS	1.00		1.00		
32	101-000-607.006	XEROX / ZONING BOOKS	1.00		1.00		
33	101-000-626.003	REFUNDS/FOIA/OTHER INCOME	1.00	893.24	1.00		
34	101-000-627.000	REINSPECTIONS	2,000.00	1,150.00	2,000.00		
35	101-000-651.001	SENIOR EVENT TICKETS	10,000.00	2,931.00	3,000.00		
36	101-000-651.002	SENIOR BUS TRIPS			2,700.00		
37	101-000-657.004	ORDINANCE FINES & COSTS	2,500.00	1,151.85	1,000.00		
38	101-000-664.000	INTEREST & DIVIDEND REVENUE	7,000.00	36,529.05	15,000.00		
39	101-000-671.000	PROPERTY LEASE - FARMING	1,434.00	1,433.70	1,434.00		
40	101-000-676.006	ELECTION REIMBURSEMENT	5,000.00	9,569.04	22,500.00		

A	B	C	D	E	F
6		2023-24	2023-24	2024-25	2024-25
7		ORIGINAL	ACTIVITY	PROPOSED	APPROVED
8	GL NUMBER	BUDGET	THRU 03/31/24	BUDGET	BUDGET
9	DESCRIPTION				
41	101-000-693.023	1.00		1.00	
42	101-000-698.000	1.00	1,419.46	1.00	
43	Totals for dept 000 -	858,697.25	794,072.48	853,953.00	
44					
45	TOTAL ESTIMATED REVENUES	858,697.25	794,072.48	853,953.00	
46					
47					
48	APPROPRIATIONS				
49	Dept 101 - GOVERNING BODY				
50	101-101-704.000	8,523.70	7,813.30	8,524.00	
51	101-101-721.000	500.00	484.42	396.34	
52	101-101-722.000	120.00	113.30	120.00	
53	101-101-830.000	1,500.00	852.00	1,500.00	
54	Totals for dept 101 - GOVERNING BODY	10,643.70	9,263.02	10,540.34	
55					
56	Dept 171 - SUPERVISOR				
57	101-171-704.000	29,316.09	27,060.96	30,254.20	
58	101-171-721.000	2,388.00	1,918.14	2,137.00	
59	101-171-722.000	559.00	448.59	500.00	
60	101-171-723.000	4,200.00	3,876.72	4,200.00	
61	101-171-830.000	625.00	365.00	625.00	
62	101-171-860.000	625.00	899.17	900.00	
63	Totals for dept 171 - SUPERVISOR	37,713.09	34,568.58	38,616.20	
64					
65	Dept 215 - CLERK				
66	101-215-704.000	34,647.85	31,982.64	36,207.00	
67	101-215-705.000	20,000.00	18,941.84	22,932.00	
68	101-215-721.000	3,835.00	3,397.67	4,078.00	
69	101-215-722.000	897.00	794.62	947.00	
70	101-215-723.000	4,200.00	3,876.72	4,200.00	
71	101-215-811.000	23,586.00	3,949.08	3,768.00	
72	101-215-830.000	600.00	600.00	1,200.00	
73	101-215-860.000	600.00	600.00	850.00	
74	Totals for dept 215 - CLERK	88,365.85	64,142.57	74,182.00	
75					
76	Dept 247 - BOARD OF REVIEW				

6	A	B	C		D	E		F
			2023-24	2023-24		2024-25	2024-25	
7			ORIGINAL	ACTIVITY		PROPOSED	APPROVED	
8	GL NUMBER	DESCRIPTION	BUDGET	THRU 03/31/24		BUDGET	BUDGET	
9								
77	101-247-704.000	WAGES - BOARD OF REVIEW	1,100.00	270.05		1,800.00		
78	101-247-721.000	EMPLOYER'S FICA	68.20	16.74		112.00		
79	101-247-722.000	EMPLOYER'S MEDICARE	15.95	3.92		27.00		
80	101-247-830.000	EDUCATION/TRAINING/MILEAGE	900.00	308.04		900.00		
81	101-247-901.000	LEGAL NOTICES/PUBLISHING - B.O.R.	350.00	341.55		400.00		
82	101-247-957.000	MEALS	100.00			200.00		
83	Totals for dept 247 - BOARD OF REVIEW		2,534.15	940.30		3,439.00		
84								
85	Dept 253 - TREASURER							
86	101-253-704.000	WAGES - TREASURER	32,191.52	29,715.36		32,191.52		
87	101-253-705.000	DEPUTY WAGES - TREASURER	13,000.00			13,000.00		
88	101-253-721.000	EMPLOYER'S FICA	3,187.00	2,082.72		3,187.00		
89	101-253-722.000	EMPLOYER'S MEDICARE	717.00	487.07		717.00		
90	101-253-723.000	HEALTH INSURANCE	4,200.00	3,876.72		4,200.00		
91	101-253-780.000	POSTAGE - TREASURER	5,000.00	3,205.89		5,000.00		
92	101-253-811.000	COMPUTER SUPPORT/MAINT TREAS	1,258.00	1,258.00		1,322.00		
93	101-253-830.000	EDUCATION/TRAINING - TREASURER	200.00	26.00		200.00		
94	101-253-860.000	MEMBERSHIPS/MILEAGE	100.00	50.48		100.00		
95	Totals for dept 253 - TREASURER		59,853.52	40,702.24		59,917.52		
96								
97	Dept 257 - ASSESSING							
98	101-257-704.000	WAGES - ASSESSING	43,200.00	43,200.00		51,710.00		
99	101-257-727.000	OFFICE SUPPLIES - ASSESSOR	50.00			50.00		
100	101-257-780.000	POSTAGE - ASSESSING	2,400.00	1,925.18		2,400.00		
101	101-257-801.000	LAND DIVISION	1,500.00	625.00		1,500.00		
102	101-257-811.000	COMPUTER SUPPORT/MAINT ASSESSING	22,000.00	3,529.00		2,000.00		
103	101-257-811.001	APEX SOFTWARE/SUPPORT FEE	300.00	260.00		300.00		
104	101-257-830.000	EDUCATION/TRAINING	800.00	620.00		800.00		
105	101-257-860.000	MEMBERSHIPS/MILEAGE	250.00			250.00		
106	Totals for dept 257 - ASSESSING		70,500.00	50,159.18		59,010.00		
107								
108	Dept 261 - GENERAL GOVERNMENTAL							
109	101-261-710.000	LIABILITY/WORK COMP INSURANCE	12,000.00	12,000.00		13,760.00		
110	101-261-719.000	LIFE INSURANCE - GOVERNMENTAL	1,650.00	1,650.00		2,200.00		
111	101-261-727.000	OFFICE SUPPLIES	5,000.00	5,000.00		7,500.00		
112	101-261-780.000	POSTAGE	2,500.00	2,201.84		3,000.00		

	A	B	C		D	E		F
			2023-24	2023-24		2024-25	2024-25	
6			ORIGINAL	ACTIVITY	THRU 03/31/24	PROPOSED	APPROVED	
7			BUDGET			BUDGET	BUDGET	
8	GL NUMBER	DESCRIPTION						
9								
113	101-261-801.000	CONTRACTUAL SERVICES				1.00		
114	101-261-802.001	MASTER PLAN UPDATE	6,250.00	4,687.50		2,000.00		
115	101-261-802.004	ZONING ORDINANCE UPDATE		4,504.50		21,000.00		
116	101-261-803.000	AUDIT	9,200.00	10,950.00		11,300.00		
117	101-261-804.000	BOOKKEEPING				5,000.00		
118	101-261-811.000	IT SUPPORT-SERVICE CONTRACT	17,600.00	22,333.00		21,600.00		
119	101-261-860.000	MTA MEMBERSHIP/MILEAGE/SEMCOG	7,700.00	7,683.61		8,900.00		
120	101-261-901.000	LEGAL NOTICES/PUBLICATIONS- GOVT	3,000.00	3,500.00		4,300.00		
121	101-261-920.000	UTILITIES	6,500.00	5,602.73		5,500.00		
122	101-261-920.001	INTERNET/PHONE/WEBSITE/ALARM	6,000.00	7,294.45		9,000.00		
123	101-261-940.000	COPIER - SUPPLIES/MAINT	1,200.00	3,373.91		4,000.00		
124	101-261-960.000	MISCELLANEOUS EXPENSE	500.00	8,176.74		500.00		
125	101-261-961.000	FLAGS, BANNERS, SIGNS	600.00	458.32				
126	101-261-964.000	REFUNDS	200.00			1.00		
127	101-261-965.000	SERVICE CHARGES	100.00	35.00		100.00		
128	Totals for dept 261 - GENERAL GOVERNMENTAL		80,000.00	99,451.60		119,662.00		
129								
130	Dept 262 - ELECTIONS							
131	101-262-704.000	WAGES - ELECTIONS	12,000.00	11,879.78		22,500.00		
132	101-262-721.000	EMPLOYER'S FICA		665.96		1,395.00		
133	101-262-722.000	EMPLOYER'S MEDICARE		155.74		327.00		
134	101-262-727.000	OFFICE SUPPLIES - ELECTIONS	1,800.00	1,376.29		1,800.00		
135	101-262-731.000	VOTING MATERIALS/EQUIP	4,650.00	4,650.00		5,150.00		
136	101-262-780.000	POSTAGE - ELECTIONS	4,200.00	3,303.01		4,200.00		
137	101-262-830.000	EDUCATION/TRAINING	1,000.00	1,000.00		1,000.00		
138	101-262-860.000	MEMBERSHIPS/MILEAGE	700.00	700.00		800.00		
139	101-262-901.000	LEGAL NOTICES/PUBLICATIONS -ELECTIONS	1,600.00	1,397.13		2,200.00		
140	101-262-957.000	MEALS	750.00	486.08		1,000.00		
141	Totals for dept 262 - ELECTIONS		26,700.00	25,613.99		40,372.00		
142								
143	Dept 265 - BUILDING & GROUNDS							
144	101-265-704.000	WAGES - BLDG/GROUNDS	5,000.00	4,189.98		5,000.00		
145	101-265-721.000	EMPLOYER'S FICA	124.00	69.83		124.00		
146	101-265-722.000	EMPLOYER'S MEDICARE	30.00	16.34		30.00		
147	101-265-801.000	CONTRACTUAL SERVICES	1.00	10,000.00		1.00		
148	101-265-821.000	SNOW & GRASS SERVICES	5,500.00	3,870.00		5,500.00		

A		B	C		D	E	F
			2023-24	2023-24	2024-25	2024-25	2024-25
6							
7							
8	GL NUMBER	DESCRIPTION	ORIGINAL BUDGET	ACTIVITY THRU 03/31/24	PROPOSED BUDGET	APPROVED BUDGET	
9							
149	101-265-930.000	HALL REPAIR ITEMS & CLEANING	5,000.00	5,929.97	5,000.00		
150	101-265-955.000	PROPERTY EXPENSES/TAXES	1.00		1.00		
151	Totals for dept 265 - BUILDING & GROUNDS		15,656.00	24,076.12	15,656.00		
152							
153	Dept 266 - ATTORNEY						
154	101-266-815.000	MISC MATTERS - ATTORNEY	22,500.00	17,280.00	20,000.00		
155	Totals for dept 266 - ATTORNEY		22,500.00	17,280.00	20,000.00		
156							
157	Dept 267 - STAFF ASSISTANT						
158	101-267-704.000	WAGES - STAFF ASSISTANT		1,147.38	20,904.00		
159	101-267-721.000	EMPLOYER'S FICA		71.14	1,296.00		
160	101-267-722.000	EMPLOYER'S MEDICARE		16.64	304.00		
161	Totals for dept 267 - STAFF ASSISTANT			1,235.16	22,504.00		
162							
163	Dept 301 - ORDINANCE ENFORCEMENT						
164	101-301-704.000	WAGES - CODE OFFICIAL	15,000.00		14,600.00		
165	101-301-711.000	LIQUOR INSPECTIONS	1,300.00	1,181.62	1,300.00		
166	101-301-721.000	EMPLOYER'S FICA	1,011.00	73.26	1,011.00		
167	101-301-722.000	EMPLOYER'S MEDICARE	237.00	17.14	237.00		
168	101-301-780.000	POSTAGE			400.00		
169	101-301-860.000	MEMBERSHIPS/MILEAGE	750.00		1,250.00		
170	101-301-920.000	TELEPHONE	1,000.00		1,000.00		
171	Totals for dept 301 - ORDINANCE ENFORCEMENT		19,298.00	1,272.02	19,798.00		
172							
173	Dept 371 - INSPECTIONS						
174	101-371-704.000	WAGES - INSPECTIONS	35,450.00	24,987.00	35,000.00		
175	101-371-706.000	ELECTRICAL WAGES	9,000.00	6,585.20	9,000.00		
176	101-371-707.000	MECHANICAL WAGES	11,000.00	4,187.23	9,000.00		
177	101-371-708.000	PLUMBING WAGES	6,000.00	3,467.03	6,000.00		
178	101-371-709.000	SECRETARY WAGES	31,096.00	28,704.00	31,096.00		
179	101-371-713.001	VACATION- SECY	2,500.00	494.50	2,500.00		
180	101-371-721.000	EMPLOYER'S FICA	5,900.00	4,242.35	5,741.00		
181	101-371-722.000	EMPLOYER'S MEDICARE	1,400.00	992.12	1,343.00		
182	101-371-723.000	HEALTH INSURANCE	1.00				
183	101-371-724.000	RETIREMENT	1.00				
184	101-371-727.000	OFFICE SUPPLIES - INSPECTIONS	500.00	119.00	500.00		

	A	B	C		D	E		F
			2023-24 ORIGINAL BUDGET	2023-24 ACTIVITY THRU 03/31/24		2024-25 PROPOSED BUDGET	2024-25 APPROVED BUDGET	
6								
7								
8	GL NUMBER	DESCRIPTION						
9								
185	101-371-780.000	POSTAGE - BUILDING	200.00	66.66		200.00		
186	101-371-811.000	COMPUTER SUPPORT/MAINT BLDG	22,000.00	4,203.00		1,405.00		
187	101-371-860.000	MEMBERSHIPS/MILEAGE	1,400.00	1,374.36		1,500.00		
188	101-371-920.001	TELEPHONE - BLDG	1,600.00	597.63		1,600.00		
189	101-371-964.000	REFUNDS	3,000.00	624.00		1,000.00		
190	Totals for dept 371 - INSPECTIONS		131,048.00	80,644.08		105,885.00		
191								
192	Dept 441 - PUBLIC WORKS							
193	101-441-801.000	SIRENS/MAINTENANCE/DTE	17,160.00	7,554.51		15,440.00		
194	101-441-922.000	STREET LIGHTING - GOVT	3,500.00	3,281.08		3,800.00		
195	Totals for dept 441 - PUBLIC WORKS		20,660.00	10,835.59		19,240.00		
196								
197	Dept 446 - ROADS							
198	101-446-801.000	MAINTENANCE/CHLORIDE - ROADS	20,000.00	40,238.00		25,000.00		
199	101-446-801.001	DRAIN MAINTENANCE	1.00			1.00		
200	101-446-801.002	LIMESTONE	30,000.00	30,000.00		30,000.00		
201	Totals for dept 446 - ROADS		50,001.00	70,238.00		55,001.00		
202								
203	Dept 447 - ENGINEERS							
204	101-447-819.000	SPALDING, DEDECKER & ASSOCIATES	20,000.00	6,600.00		45,000.00		
205	Totals for dept 447 - ENGINEERS		20,000.00	6,600.00		45,000.00		
206								
207	Dept 528 - TRANSFER SITE							
208	101-528-704.000	WAGES - TRANSFER SITE	1,510.00	134.00		1,510.00		
209	101-528-721.000	EMPLOYER'S FICA	100.00	8.31		100.00		
210	101-528-722.000	EMPLOYER'S MEDICARE	24.00	1.95		24.00		
211	101-528-809.000	TRANSFER SITE MONTHLY EXP	69,065.00	69,065.00		70,791.12		
212	101-528-930.000	MAINTENANCE - TRANSFER SITE	1,500.00	337.32		1,500.00		
213	Totals for dept 528 - TRANSFER SITE		72,199.00	69,546.58		73,925.12		
214								
215	Dept 567 - TOWNSHIP CEMETERY							
216	101-567-930.000	MAINTENANCE - CEMETERY	3,500.00	2,380.00		3,500.00		
217	Totals for dept 567 - TOWNSHIP CEMETERY		3,500.00	2,380.00		3,500.00		
218								
219	Dept 694 - CBDG							
220	101-694-836.000	SENIOR SMART MUNICIPAL CREDITS	6,000.00	811.00		2,401.00		

A		B	C		D	E	F
6			2023-24	2023-24	2024-25	2024-25	2024-25
7			ORIGINAL	ACTIVITY	PROPOSED	APPROVED	APPROVED
8	GL NUMBER	DESCRIPTION	BUDGET	THRU 03/31/24	BUDGET	BUDGET	BUDGET
9							
221	Totals for dept 694 - CBDG		6,000.00	811.00	2,401.00		
222							
223	Dept 695 - SMART						
224	101-695-836.001	SENIOR SMART COMMUNITY CREDITS	9,000.00	3,559.00	5,271.00		
225	101-695-836.002	P.A.L. SMART COMMUNITY CREDITS	4,770.00	4,770.00	5,271.00		
226	101-695-836.003	ACEP SMART COMMUNITY CREDITS	1,000.00	1,000.00			
227	Totals for dept 695 - SMART		14,770.00	9,329.00	10,542.00		
228							
229	Dept 701 - PLANNING COMMISSION						
230	101-701-704.000	WAGES - PLANNING	6,228.00	3,130.29	6,228.00		
231	101-701-714.000	SECRETARY PER DEIM	900.00	600.00	900.00		
232	101-701-721.000	EMPLOYER'S FICA	442.00	231.25	442.00		
233	101-701-722.000	EMPLOYER'S MEDICARE	104.00	54.14	104.00		
234	101-701-780.000	POSTAGE - PLANNING	600.00	52.56	600.00		
235	101-701-801.005	LAND DIVISON SPLITS	1,000.00	180.00	1,000.00		
236	101-701-806.100	PLANNER SITE PLAN REVIEWS/ATTY/ENG/FIRI	10,000.00	2,575.00	8,000.00		
237	101-701-814.000	COMMUNITY PLANNER	9,600.00	5,141.50	8,000.00		
238	101-701-822.000	P.D.R. COMMITTEE	750.00	750.00	750.00		
239	101-701-830.000	EDUCATION/TRAINING	1,000.00	181.00	1,000.00		
240	101-701-901.000	PRINTING/PUBLISHING - PLANNING	22,000.00	200.65	1,000.00		
241	Totals for dept 701 - PLANNING COMMISSION		52,624.00	13,096.39	28,024.00		
242							
243	Dept 702 - ZONING BOARD OF APPEALS						
244	101-702-704.000	WAGES - Z.B.A.	1,060.00	572.50	1,060.00		
245	101-702-709.000	SECRETARY WAGES	300.00	150.00	300.00		
246	101-702-721.000	EMPLOYER'S FICA	85.00	44.81	85.00		
247	101-702-722.000	EMPLOYER'S MEDICARE	20.00	10.48	20.00		
248	101-702-780.000	POSTAGE - ZBA	100.00	89.88	100.00		
249	101-702-901.000	PRINTING/PUBLISHING - Z.B.A.	200.00	175.00	200.00		
250	Totals for dept 702 - ZONING BOARD OF APPEALS		1,765.00	1,042.67	1,765.00		
251							
252	Dept 751 - TOWNSHIP PARK						
253	101-751-704.000	WAGES - PARK	7,200.00	6,600.00	7,200.00		
254	101-751-721.000	EMPLOYER'S FICA	447.00	409.20	447.00		
255	101-751-722.000	EMPLOYER'S MEDICARE	105.00	95.70	105.00		
256	101-751-807.000	MACOMB ORCHARD TRAIL	7,000.00	7,000.00	7,000.00		

	A	B	C		D	E		F
			2023-24	2023-24		2024-25	2024-25	
6								
7								
8	GL NUMBER	DESCRIPTION	ORIGINAL	ACTIVITY	THRU 03/31/24	PROPOSED	BUDGET	APPROVED
9			BUDGET			BUDGET		BUDGET
257	101-751-860.000	MEMBERSHIPS/MILEAGE	200.00	168.99		250.00		
258	101-751-920.000	UTILITIES - PARK	500.00	300.00		600.00		
259	101-751-930.000	MAINTENANCE - PARK	12,000.00	11,659.20		14,000.00		
260	101-751-971.000	PARK IMPROVEMENTS - NORTH AVE.	298,312.00	920.00		270,000.00		
261	Totals for dept 751 - TOWNSHIP PARK		325,764.00	27,153.09		299,602.00		
262								
263	Dept 794 - SENIOR CENTER							
264	101-794-704.000	WAGES - SENIOR CENTER	18,000.00	15,616.80		18,000.00		
265	101-794-721.000	EMPLOYER'S FICA	1,116.00	968.25		1,116.00		
266	101-794-722.000	EMPLOYER'S MEDICARE	261.00	226.45		261.00		
267	101-794-727.000	OFFICE SUPPLIES	1,500.00	474.37		1,000.00		
268	101-794-780.000	POSTAGE - SENIORS	1,150.00	476.00		1,000.00		
269	101-794-920.000	UTILITIES - SENIORS	3,400.00	2,916.57		3,400.00		
270	101-794-920.001	INTERNET/PHONE	2,700.00	2,388.43		3,400.00		
271	101-794-930.000	MAINTENANCE - SENIORS	27,500.00	33,219.00		6,000.00		
272	101-794-955.000	BINGO/CRAFTS/PICNICS	5,000.00	1,035.15		5,000.00		
273	101-794-958.000	EVENT TICKETS	10,000.00	4,934.94		5,000.00		
274	101-794-958.001	SENIOR PAID BUS TRIPS				2,700.00		
275	Totals for dept 794 - SENIOR CENTER		70,627.00	62,255.96		46,877.00		
276								
277	Dept 900 - CAPITAL OUTLAY							
278	101-900-975.003	OFFICE IMPROVEMENTS	4,000.00			2,500.00		
279	101-900-980.007	CAPITAL OUTLAY	6,000.00	5,490.66				
280	101-900-980.008	COMPUTER - MISC	1,500.00			1,500.00		
281	101-900-980.013	SEWER - ENG/PERMITS	1,000.00			1,000.00		
282	101-900-980.014	ENGINEER - ALT	1,000.00			1,000.00		
283	101-900-980.110	BUILDING FUND	485,111.26					
284	101-900-980.136	LAND PURCHASE	1.00			1.00		
285	Totals for dept 900 - CAPITAL OUTLAY		498,612.26	5,490.66		6,001.00		
286								
287	TOTAL APPROPRIATIONS		1,701,334.57	728,127.80		1,181,460.18		
288								
289	NET OF REVENUES/APPROPRIATIONS - FUND 101		(842,637.32)	65,944.68		(327,507.18)		
290	BEGINNING FUND BALANCE		1,339,907.23	1,339,907.23		1,405,851.91		1,405,851.91
291	ENDING FUND BALANCE		497,269.91	1,405,851.91		1,078,344.73		1,405,851.91

TOWNSHIP OF ARMADA
RESOLUTION TO ESTABLISH TOWNSHIP OFFICERS
SALARY

Resolution Number: 2024-02

Minutes of a regular meeting of the Township Board, Township of Armada, County of Macomb, Michigan held in the Armada Township Hall on the 13th day of March 2024 at 7:00 p.m. eastern standard time. (Meeting was held in person and by electronic remote access: GoToMeeting)

BE IT RESOLVED: that this resolution is subject to MCL 41.95 (3). In a Township that does not hold an annual meeting, the salary for officers composing the Township Board shall be determined by the Township Board.

NOW, THEREFORE, BE IT RESOLVED: that the following wages shall be set for the 2024-2025 fiscal year as of April 1, 2024 the salaries of the Township Board Members shall be as follows:

Supervisor: \$30,254.20 + \$350/mo. medical stipend

Clerk: \$36,207.00 + \$350/mo. medical stipend

Treasurer: \$32,191.52 + \$350/mo. medical stipend

Trustee: \$4,261.85 each

The foregoing resolution offered by Board member:

Supported by Board member:

"Ayes":

"Nays":

Absent:

The Clerk declared the resolution adopted:

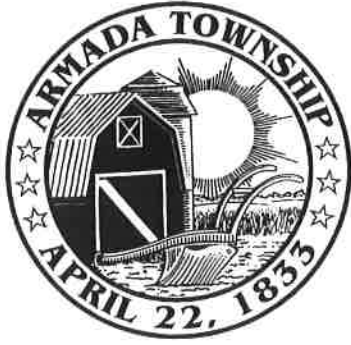
Mary K. Swiacki, CMMC, MiPMC
Armada Township Clerk

Date

CERTIFICATION OF TOWNSHIP CLERK

I hereby certify the above constitutes a true and complete copy of a Resolution duly adopted by the Township Board of Armada Township, Macomb County, Michigan at a meeting held on the 13th of March 2024 and that public notice of the meeting was given pursuant to Act 267, Public Acts of Michigan, 1976, including in the case of a special or rescheduled meeting notice by publication or posting at least 18 hours prior to the time set for the meeting.

Mary K. Swiacki, CMMC, MiPMC
Armada Township Clerk



Armada Township

23121 E. Main Street, P.O. Box 578

Armada, Michigan 48005

Telephone: (586) 784-5200 Facsimile: (586)784-5211

AGENDA ITEM #: 9-i

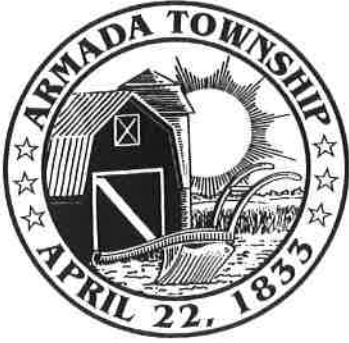
SUBMITTED BY: Clerk Swiacki

MEETING DATE: March 13, 2024

RE: Proposed wage increase of 4.5% for Deputy Clerk

I respectfully request a 4.5% wage increase for Deputy Clerk; Dawn Boyd as discussed during budget workshops. Dawn's current wage is \$19.18. Requesting \$20.04 per hour.

Thank you.



Armada Township

23121 E. Main Street, P.O. Box 578

Armada, Michigan 48005

Telephone: (586) 784-5200 Facsimile: (586)784-5211

AGENDA ITEM #: 9-j

SUBMITTED BY: Clerk Swiacki

MEETING DATE: March 13, 2024

RE: Senior Center Director wage increase

Senior Center Director current wage is \$16.20. Request wage increase to \$17 as discussed during budget workshops.

ARMADA TOWNSHIP BOARD MEETING

MEETING DATE: Wednesday March 13, 2024

TOPIC: Fire Department Approval to Purchase Gas Monitors

AGENDA LOCATION: Item # 9-K

BACKGROUND BRIEF: ATFD Hazmat response requires the ability to monitor ambient air for explosives and toxins that present hazards to life and property. The current sampling devices used by the fire department are limited in their ability to monitor for multiple hazards simultaneously and would benefit from an upgrade to the devices recommended in the purchase request. The cost of these devices would be covered under grant funding that is slated to expire.

Provided are 3 quotes from vendors as well as the Fire Chiefs recommendation to award the sale to Allsafe Industries for the sum of \$9100.42.

SUMMARY OF PREVIOUS BOARD ACTION: N/A

FINANCIAL IMPACT: Grant Funded

RECOMMENDED MOTIONS:

- 1) Motion by _____, seconded by _____, to authorize the Clerk, on behalf of Armada Township, to Approve Purchase of HazMat Gas monitors through AllSafe Industries.

_____ Yes

_____ No

To: Fire Chief Kohut

CC: Fire Marshal Kanehl

From: Brandon Heath, Firefighter/Paramedic-IC/Hazmat Coordinator #140



Date: February 11, 2024

Re: Hazmat metering instruments

Sirs,

As we, ATFD, move further into the HAZMAT response capabilities, I have noticed a few short falls. The main one being our ability to monitor air spaces. Currently ATFD uses MSA Altair 4XR multigas instruments, but are coming to the point where the Department is outgrowing their capabilities.

ATFD has 2 members on the Macomb County Hazmat Team. Given that, we need to invest into equipment that is compatible with what the county uses. Speaking with Will Walker, he recommended purchasing the Honeywell MultiRAE Pro Instrument. With this the Department will be able to use County based software and have access to the AreaRae system. With the AreaRae the Department will be able to area monitor major events, ie the Armada Fair. Furthermore, given the new NFPA and Regions push for HCN response the Department NEEDS to be able to monitor post fire incidents. With that I recommend a single gas instrument that can be worn by a Fire Investigator during the time of investigation. While the MultiRAE would work, with a single monitor the space is monitored as the person moves through the environment. Departments such as Shelby Township recommend having a stand alone or single gas HCN monitor.

Through my research I have found 2 monitors that will meet our needs. This is the MultiRAE Pro and a ToxiRAE Pro for HCN. The bids meet the requirements listed below.

MultiRAE PRO

- PID with 10.6 eV
- O2
- LEL
- CO+H2S
- HCN
- Wireless
- Accessory Kit and confined space

- 4 gas Cal kit (including regulator)
- Single gas (HCN) Cal gas

ToxiRAE Pro Monitor

- HCN sensor
- Non-wireless or wireless
- Data logging
- Standard accessory kit
- 0.5 LPM preset flow regulator

I have reached out and acquired 3 separate bids. Those companies are

1. All Safe Industries
2. MES
3. Premier Safety

Attached you will find the bids, along with associated emails for each company.

:BEH



All Safe Industries, Inc.
10711 Electron Dr
Louisville KY 40299
888-972-3389
www.allsafeindustries.com

Quote
#QUO-20342
Expires 3/9/2024

Bill To

Armada Township Fire Department
Brandon Heath
23175 Armada Center
Armada MI 48005

Ship To

Armada Township Fire Department
Brandon Heath
23175 Armada Center
Armada MI 48005

D&B: 94-269-4308

CAGE: 1FZK7

Date	Cust Ref#	Terms	Sales Rep	Shipping Method
2/9/2024	MultiRAE Pro, ToxiRAE & Cal Gas	Net 30	Joan C Gregory	UPS® Ground

Qty	Item #	Unit Price	Total Amount
1	ASI-MISC P/N: MCB3-A3C1R7E-429. MultiRAE Pro PID Gas Detector. Configuration: 10.6 eV PID / O2 / LEL / CO+H2S / HCN Wireless Option: Wireless Kit Option: Accs. / Conf. Space + 4-gas (LEL/O2/CO/H2S) Cal. Kit (with 1 regulator) - Est Lead Time: 6 to 7 Weeks	\$7,010.54	\$7,010.54
1	G02-B714-100 ToxiRAE Pro Monitor HCN Hydrogen Cyanide (HCN) Sensor, Continuous Datalogging Capability, Wireless, Monitor with Standard Accessories - Est Lead Time: 10 to 11 Weeks	\$865.73	\$865.73
1	G02-B710-100 ToxiRAE Pro for HCN w/ datalogging, Li-Ion battery, charging cradle, non-wireless. - Est Lead Time: 10-11 Weeks	\$651.00	\$651.00
1	AS1-XS-97091-10 Calibration Gas: 10 ppm Hydrogen Cyanide (HCN), Balance Nitrogen (N2) contained in a 34L aluminum C-10 cylinder (previously AS1-RS-97091) - Est Lead Time: 2 to 3 Weeks	\$185.00	\$185.00
1	AS1-715-0.5SS Regulator, preset flow to 0.5 LPM. Male threaded. Fits aluminum and 103L or 105L steel cylinders. Stainless steel. - Est Lead Time: 1 to 2 Weeks	\$226.15	\$226.15

Subtotal \$8,938.42

Discount Total

Est. Shipping Cost \$162.00

Tax Total (0%) \$0.00

Total \$9,100.42

Quote valid for 30 days unless otherwise noted. Shipping is an estimate and will be prepaid and added to your invoice. Delivery time is estimated as of quote date and may be subject to change.

1 of 1

Brandon Heath - Armada FD

From: Joanie <joanie.gregory@allsafeindustries.com>
Sent: Friday, February 9, 2024 4:31 PM
To: Brandon Heath - Armada FD
Cc: bheath83@gmail.com
Subject: All Safe Industries, Inc.: Quote #QUO-20342
Attachments: Quote_QUO-20342_1707514262879.pdf

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon, Brandon,
Thank you for the opportunity. Please see attached quote for the MultiRAE, ToxiRAE, Calibration Gas & Regulator. This is an Open Market Quote. The approximate lead times are listed by each line item if an order is placed. If you have any questions, please let me know.
Thanks,

Joanie Gregory

Account Representative



All Safe Industries, Inc.

allsafeindustries.com
888-972-3389



33596 STERLING PONDS BLVD
STERLING HEIGHTS, MI 48312-5808
PH 586-840-3200 FX 586-840-3201
BILL TO

1007765
ARMADA TWP FIRE DEPT
23175 ARMADA CENTER RD
EMAIL INVOICES
ARMADA, MI 48005-2763

Quotation

QUOTE #	04072230
LOCATION	04
DATE	02/09/24
PAGE	1 of 1

SHIP TO

ARMADA TWP FIRE DEPT
23175 ARMADA CENTER RD
ARMADA, MI 48005-2763

QUOTE DATE 02/02/24	EXPIRE DATE 03/03/24	REQUIRED DATE	REFERENCE NUMBER MULTIRAE PRO	PAYMENT TERMS NET 30 DAYS
PREPARED BY JENNIFER SINE PH 937-824-4400			CONTACT BRADON HEATH	SHIP VIA UPS GROUND
FREIGHT TERMS QUOTED FREIGHT			FOB	SALES PERSON PREMIER HOUSE

PRODUCT/DESCRIPTION	QUANTITY	PRICE	U/M	EXTENSION
---------------------	----------	-------	-----	-----------

*MISCITEM	1	8195.00	EA	8,195.00
-----------	---	---------	----	----------

RAEMCB3-1AC1R7E-42N
MULTIRAE PRO,
PID/LEL/CO/H2S/HCN/O2/WIRELESS
/ CALIBRATION KIT (2
REGULATOR, 4 GAS BLEND AND
100PPM ISOBUTYLENE)

PG90301666	1	200.00	EA	200.00
------------	---	--------	----	--------

HCN 10PPM BAL NITROGEN 34LITER

NLB517	1	203.26	EA	203.26
--------	---	--------	----	--------

REGULATOR, FIXED FLOW 0.5 LPM
C10

RAEG02-B714-100	1	972.00	EA	972.00
-----------------	---	--------	----	--------

TOXIRAE PRO EC,CSA/UL.HCN.DATA

Accepted:

By: _____

Date: _____

MERCHANDISE TOTAL	TAX	FREIGHT/HANDLING	QUOTE TOTAL
9,570.26	580.22	100.00	10,250.48

Terms and Conditions are available on our website
www.premiersafety.com



Brandon Heath - Armada FD

From: Jennifer Sine <jsine@premiersafety.com>
Sent: Friday, February 9, 2024 9:48 AM
To: Brandon Heath - Armada FD
Subject: RE: [External] Multirae Pro
Attachments: Quote_04072230.pdf

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Brandon

I have attached a revise a sales quote

Thank you

Jennifer Sine
P: 937-648-0004 Toll Free: 800-332-0435
E: jsine@premiersafety.com

From: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Sent: Thursday, February 8, 2024 1:14 PM
To: Jennifer Sine <jsine@premiersafety.com>
Subject: RE: [External] Multirae Pro

Jennifer,

Can we add a ToxiRae Personal Single gas detector for HCN to the quote? Per the departments policy I need to make sure that bid/RFQ meets state, county, co-operative and/or consortium pricing. We are members of both Sourewell and the Houston-Galveston (H-GAC) co-ops.

Brandon Heath
Firefighter/EMT-P, IC
Armada Twp. Fire Department
23175 Armada Center Rd
Armada MI 48005

Office: (586)784-9464
Cell: (313)207-5477
Fax: (586)784-8586

From: Jennifer Sine <jsine@premiersafety.com>
Sent: Friday, February 2, 2024 8:53 AM

To: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Subject: Multirae Pro



IRONSCALES couldn't recognize this email as this is the first time you received an email from this sender jsine@premiersafety.com

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Heath

I have attached a sales quote on the Multirae Pro with calibration kit

Thank you



Jennifer Sine
Customer Success Representative

4212 E River Rd
Moraine OH 45439
Phone: 937-648-0004 Fax: 937-824-4444 Toll Free: 800-962-7837 ext 10116
Email: jsine@premiersafety.com Web: www.premiersafety.com



The information transmitted, including attachments, is intended only for the person(s) or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited without the express written permission of Premier Safety. If you received this in error, please contact the sender and destroy any copies of this information.



(877) 637-3473

Quote

Quote # QT1747346
Date 02/05/2024
Expires 03/01/2024
Sales Rep Dorr, David
PO # Honeywell Multi-Rae Gas Detector
Shipping Method FedEx Ground
Customer Armada Twp Fire Dept (MI)
Customer # C243323

Bill To

Armada Twp Fire Dept (MI)
 23175 Armada Center Rd
 Armada Township MI 48005
 United States

Ship To

Armada Twp Fire Dept (MI)
 23175 Armada Center Rd
 Armada Township MI 48005
 United States

Item	Alt. Item #	Units	Description	QTY	Unit Price	Amount
RAE SYSTEMS	MCB3-A3C1R7E-42N		MCB3-A3C1R7E-42N Custom RAE SYSTEMS MultiRAE Pro, CSA w/ 10.6eV PID, H2S + CO Sensor, LEL Sensor, HCN Sensor, O2 Sensor, Wireless, Rechargeable battery, Confine Kit - cal gas, regulator (O2, CO, LEL, and H2S)	1	\$8,490.00	\$8,490.00
RAE SYSTEMS	490-0191-000		490-0191-000 Custom RAE SYSTEMS HCN REGULATOR,DF,5/8"-18UNF(C10),DFR-2004	1	\$880.00	\$880.00
RAE SYSTEMS	600-0057-000		600-0057-000 Custom RAE SYSTEMS SINGLE GAS HCN (10 PPM), BAL	1	\$502.00	\$502.00
RAE SYSTEMS	G02-B710-100		G02-B710-100 Custom RAE SYSTEMS Single Cell / Personal Gas Detector w/ HCN cell: TR PRO/CSA/HCN/DTALOG/NO-WLSS/STD	1	\$795.00	\$795.00

MultiRAE Detector ships in 15 to 30 days.

The prices quoted as per MES Sourcewell Contract #032620.

Salesperson: David Dorr / 810-441-2503 / ddorr@mesfire.com

Armada Township FD Sourcewell Member #65235

Subtotal \$10,667.00
Shipping Cost \$0.00
Tax Total \$0.00
Total \$10,667.00

This Quotation is subject to any applicable sales tax and shipping and handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.



QT1747346



(877) 637-3473

Quote

Quote # QT1747346
Date 02/05/2024
Expires 03/01/2024
Sales Rep Dorr, David
PO # Honeywell Multi-Rae Gas Detector
Shipping Method FedEx Ground
Customer Armada Twp Fire Dept (MI)
Customer # C243323

Bill To

Armada Twp Fire Dept (MI)
23175 Armada Center Rd
Armada Township MI 48005
United States

Ship To

Attn: Chf Christopher Krotche
Armada Twp Fire Dept (MI)
23175 Armada Center Rd
Armada Township MI 48005
United States

Item	Alt. Item #	Units	Description	QTY	Unit Price	Amount
RAE SYSTEMS	MCB3-A3C1R7E-42N		MCB3-A3C1R7E-42N Custom RAE SYSTEMS MultiRAE Pro, CSA w/ 10.6eV PID, H2S + CO Sensor, LEL Sensor, HCN Sensor, O2 Sensor, Wireless, Rechargeable battery, Confine Kit - cal gas, regulator (O2, CO, LEL, and H2S)	1	\$8,490.00	\$8,490.00
RAE SYSTEMS	490-0191-000		490-0191-000 Custom RAE SYSTEMS HCN REGULATOR,DF,5/8"-18UNF(C10),DFR-2004	1	\$880.00	\$880.00
RAE SYSTEMS	600-0057-000		600-0057-000 Custom RAE SYSTEMS SINGLE GAS HCN (10 PPM), BAL	1	\$502.00	\$502.00
RAE SYSTEMS	G02-B710-100		G02-B710-100 Custom RAE SYSTEMS Single Cell / Personal Gas Detector w/ HCN cell: TR PRO/CSA/HCN/DTALOG/NO-WLSS/STD	1	\$795.00	\$795.00

Subtotal \$10,667.00

MultiRAE Detector ships in 15 to 30 days.

Shipping Cost \$0.00

Tax Total \$0.00

Total \$10,667.00

This Quotation is subject to any applicable sales tax and shipping and handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.



QT1747346

Brandon Heath - Armada FD

From: Dorr, David <ddorr@mesfire.com>
Sent: Saturday, February 10, 2024 8:51 AM
To: Brandon Heath - Armada FD
Subject: RE: RFQ for MultiRae Pro
Attachments: Armada Township FD Multi Rae and Single Cell Gas Detector QUOTE 10FE24.pdf

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Brandon,

Attached is the revised quote with the single cell (HCN) detector. Please let me know if any questions or changes needed.

Thank you,
David W. Dorr
Sales Manager – Michigan

Office: 800-316-3255
Cell: 810-441-2503
Email: ddorr@mesfire.com
<http://www.mesfire.com>



From: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Sent: Saturday, February 10, 2024 7:57 AM
To: Dorr, David <ddorr@mesfire.com>
Subject: RE: RFQ for MultiRae Pro

No need for wireless

From: Dorr, David <ddorr@mesfire.com>
Sent: Friday, February 9, 2024 8:48 AM
To: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Subject: RE: RFQ for MultiRae Pro

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Brandon,

Question on this single cell – do you want wireless capability on this unit? Please let me know.

Thanks,
Dave Dorr

From: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Sent: Thursday, February 8, 2024 1:16 PM
To: Dorr, David <ddorr@mesfire.com>
Subject: RE: RFQ for MultiRae Pro

David,

Please add a ToxiRae Personal Single Gas Detector for HCN to the quote. We are using AFG funding for this project. Per the departments policy I need to make sure that bid/RFQ meets state, county, co-operative and/or consortium pricing. We are members of both Sourewell and the Houston-Galveston (H-GAC) co-ops.

Thank you,

Brandon Heath
Firefighter/EMT-P, IC
Armada Twp. Fire Department
23175 Armada Center Rd
Armada MI 48005

Office: (586)784-9464
Cell: (313)207-5477
Fax: (586)784-8586

From: Dorr, David <ddorr@mesfire.com>
Sent: Monday, February 5, 2024 4:39 PM
To: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Subject: RE: RFQ for MultiRae Pro

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Brandon,

Attached is the quote for the Multi-Rae detector you had requested. Please let me know if any questions or changes needed.

Thank you,
David W. Dorr
Sales Manager – Michigan

Office: 800-316-3255
Cell: 810-441-2503

Brandon Heath - Armada FD

From: Dorr, David <ddorr@mesfire.com>
Sent: Thursday, February 8, 2024 1:18 PM
To: Brandon Heath - Armada FD
Subject: RE: RFQ for MultiRae Pro

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Brandon,

Sounds good, yes MES is a Sourcewell provider. I will look up your information and add that to the quote also.

Thank you,
Dave Dorr

From: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Sent: Thursday, February 8, 2024 1:16 PM
To: Dorr, David <ddorr@mesfire.com>
Subject: RE: RFQ for MultiRae Pro

David,

Please add a ToxiRae Personal Single Gas Detector for HCN to the quote. We are using AFG funding for this project. Per the departments policy I need to make sure that bid/RFQ meets state, county, co-operative and/or consortium pricing. We are members of both Sourcewell and the Houston-Galveston (H-GAC) co-ops.

Thank you,

Brandon Heath
Firefighter/EMT-P, IC
Armada Twp. Fire Department
23175 Armada Center Rd
Armada MI 48005

Office: (586)784-9464
Cell: (313)207-5477
Fax: (586)784-8586

From: Dorr, David <ddorr@mesfire.com>
Sent: Monday, February 5, 2024 4:39 PM
To: Brandon Heath - Armada FD <heath.fire@armadatwp.org>
Subject: RE: RFQ for MultiRae Pro



February 21, 2024

John Paterek
Township Supervisor
Armada Township
23121 East Main Street
Armada, Michigan 48005

Re: **Armada Senior Center Entrance & Parking Lot Improvements**
Professional Services for Construction Engineering Services
SDA Project No.: AR22002

Dear Mr. Paterek:

Spalding DeDecker is pleased to have this opportunity to provide survey staking, construction contract administration, construction inspection and material testing for Armada Township for the above mentioned project. Below is our understood scope of services for the entrance and parking lot improvements based upon review of the bid book and plans. We look forward to working with you and your staff soon.

SCOPE OF SERVICES

CONSTRUCTION ENGINEERING SERVICES

We understand the scope of services will include, construction contract administration, construction inspection, survey staking, and material testing for the reconstruction of the entrance. As a result, we understand and are prepared to perform the following construction engineering services, as well:

- Coordinate and hold Pre-construction meeting
- Prepare and review daily inspection reports, including, pictures and sketches; provide all documentation to the Township
- Coordinate, conduct, and provide meeting minutes for construction progress meetings if requested.
- Coordinate materials testing and geotechnical inspections; document and resolve any testing deficiencies
- Provide coordination to resolve utility conflicts
- Coordinate and provide survey staking

All survey services will be directly managed by Mr. Mike DeDecker, and construction administration, inspection, and engineering services will be directly managed by Mr. Grady Rollins.

SCHEDULE

We are prepared to begin all services described herein immediately upon authorization, but understand the work will be scheduled based on the contractor's schedule.



FEE

Our proposed time and materials not-to-exceed fee to perform the services described herein are as follows:

• Survey Staking:	\$ 7,000.00
• Material Testing:	\$ 9,000.00
• Engineering Design Support:	\$ 3,500.00
• <u>Contract Administration and Inspection:</u>	<u>\$ 24,500.00</u>
Total:	\$44,000.00

This fee shall not be exceeded without prior written approval from your office. Invoices will be submitted monthly based on actual hours incurred in accordance with our approved rate schedule.

If the above terms are acceptable, please provide us with written authorization to proceed. We understand that this would likely be provided after the funding has been approved by the Township Board. Thank you for considering us for this work, and please don't hesitate to contact me with any questions.



SPALDING DEDECKER ASSOCIATES, INC.

Witnesses:

1) 

2) _____

By: Ted Meadows
Digitally signed by Ted Meadows
Date: 2024.02.23 13:12:45 -05'00'
Ted Meadows
Spalding DeDecker Associates, Inc.
905 South Boulevard East
Rochester Hills, Michigan 48307
Tax I.D. # 38-1598901
Telephone: 248-844-5400

ARMADA TOWNSHIP

WITNESSES:

1) _____

2) _____

Approved:

By: _____
John Paterek

cc: Mary Swiacki, Armada Township Clerk
Taylor Reynolds, PE, SDA Engineer

Clerk - Armada Twp

From: Robert Seibert <RSeibert@seibertanddloski.com>
Sent: Friday, February 16, 2024 1:57 PM
To: John W Paterek, Armada Supervisor; Clerk - Armada Twp; Treasurer - Armada Twp; Trustee Goetzinger - Armada Twp; Trustee Job - Armada Twp
Subject: Amendment to Intergovernmental Agreement for Water Supply Services
Attachments: Second Amendment to Intergovernmental Agreement for Water Supply Services 2-15-24.docx

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Board Members:

On February 12, 2024, I provided you with a draft of a First Amendment to the Intergovernmental Agreement for water supply services between Bruce and Armada Townships. Subsequent to my email, Trustee Goetzinger forwarded two unsigned Amendments that he believed may have been approved by both Boards after the initial 2016 Agreement.

I did not draft nor had I ever seen either of the unsigned Amendments to the original Agreement between the Townships. I contacted Clerk Swiacki and Clerk Kraft in Bruce to determine whether either of the Amendments had been Board approved. After reviewing their respective files, they provided me with a signed First Amendment that both Boards approved in 2019. The Amendment extended the time period for the creation of a water special assessment district to December 31, 2019 and increased Bruce's obligation to provide water to the Armada Water District from 30,000 gallons to 100,000 gallons per day. Neither Clerk could find any evidence that a Second Amendment was ever approved by the Boards.

Based on the existence of the 2019 First Amendment, I redrafted the document that I forwarded to you on February 12. I am enclosing a copy of a draft Second Amendment for Board consideration. The Second Amendment eliminates the requirement that Armada Township establish a special assessment district as a condition to receiving water services from Bruce Township. In addition, the Amendment reflects the fact that two property owners in Armada are currently receiving Bruce water service despite the fact that no special assessment district was ever created.

I have forwarded the draft Agreement to Supervisor Paterek for his review and approval as well as Bruce Township Supervisor, Mike Fillbrook. Both have reviewed the draft Amendment and have no objections to its terms.

Supervisor Paterek requested that I forwarded this email to the Board together with the Second Amendment for your review. Please feel free to call me if you have any questions.

Bob

Robert J. Seibert
Seibert and Dloski, PLLC
19500 Hall Road, Suite 101
Clinton Township, MI 48038

Cell (586) 246-2134
Telephone (586) 469-3800
Facsimile (586) 469-2443
Email: rseibert@seibertanddloski.com
Website: www.SeibertandDloski.com

Leslie A. Fantene, Legal Assistant
Email: lfantene@seibertanddloski.com

**SECOND AMENDMENT TO INTERGOVERNMENTAL AGREEMENT
FOR WATER SUPPLY SERVICES**

THIS SECOND AMENDMENT TO INTERGOVERNMENTAL AGREEMENT FOR WATER SUPPLY SERVICES (AFirst Amendment@) made this ____ day of _____, 2024, by and between the Township of Armada (AArmada@), a Michigan municipal corporation, whose offices are located at 23121 Main Street, Armada, Michigan 48005 and the Township of Bruce (ABruce@), a Michigan municipal corporation, whose offices are located at 223 East Gates Street, Romeo, Michigan 48065.

WITNESSETH:

WHEREAS, Bruce operates a municipal water supply system with transmission facilities to deliver potable water to customers within Bruce; and

WHEREAS, Armada desires to connect to Bruce=s water supply system to service approximately 222 acres of property (AArmada Water District@) for both potable water and fire protection purposes; and

WHEREAS, the Urban Cooperation Act of 1967 expressly authorizes townships to jointly exercise any power, privilege, or authority that townships share in common and that each might exercise separately; and

WHEREAS, on October 12, 2016 Armada and Bruce executed an Intergovernmental Agreement for Water Supply Services ("Original Agreement") pursuant to the terms of which Bruce agreed to provide water service to the Armada Water District pursuant to and in accordance with the terms of the Original Agreement; and

WHEREAS, on January 16, 2019, Armada and Bruce executed a First Amendment to Intergovernmental Agreement for Water Supply Services ("First Amendment") pursuant to the terms of which the parties agreed to extend the time for completion of water transmission lines in the Water District by Armada as well as the time for obtaining necessary governmental approvals for the operation of the transmission lines. In addition, the First Amendment increased Bruce's obligation to provide property owners within the Water District with potable water and use for fire hydrants from 30,000 gallons per day to 100,000 gallons per day; and

WHEREAS, during the term of the Original Agreement and First Amendment, Bruce approved the connection of two property owners within the Water District to Bruce's municipal water system and continues to provide water service as of the date of this Second Amendment; and

WHEREAS, Bruce and Armada desire to enter into this Second Amendment for the purpose of amending the Original Agreement and First Amendment to eliminate (i) the requirement that Armada create a special assessment district for the construction of water transmission lines within Armada to service the Armada Water District and (ii) the time during which Armada must construct water transmission lines and obtain necessary governmental approvals for the construction and operation of water transmission lines within the Water District.

NOW, THEREFORE, in consideration of the mutual covenants and promises herein contained, Bruce and Armada agree as follows:

1. REPEAL OF SPECIAL ASSESSMENT DISTRICT REQUIREMENT

Section 2 (Establishment of Special Assessment District) of the Original Agreement as amended by the First Amendment is hereby repealed in its entirety.

2. CONSTRUCTION OF WATER TRANSMISSION LINES

Bruce agrees to provide water service to property owners within the Armada Water District as set forth in Section 3 (Scope of Services and Compensation) of the Original Agreement and First Amendment upon the construction of water transmission lines within the Water District. Armada shall request and Bruce shall provide water service once Armada provides Bruce with sufficient documentation evidencing that the water transmission lines in the Water District have been completed and permitted in accordance with all applicable local and state requirements. Upon receipt of approved permits from Armada, Bruce will provide those water services described in Section 3 of the Original Agreement and First Amendment.

3. INSPECTIONS AND CONNECTIONS OF WATER TRANSMISSION LINES

Property owners within the Armada Water District shall apply to Bruce Township for all approvals and permits required pursuant to applicable Bruce Township Ordinances to connect to the Bruce municipal water system. After providing Bruce with all documentation, charges and fees required under Bruce Township's Ordinance, the property owner shall be permitted to connect to Bruce's municipal water system.

Property owners within the Water District shall respect and comply with all Bruce Township Ordinances, rules, regulations and standards regarding connection to Bruce's municipal water system. Bruce may inspect the water connections in the Armada Water District at any reasonable time to verify compliance. Bruce shall notify property owners regarding any noncompliance or need for corrective action or maintenance. In the event a property owner does not undertake the necessary corrective action or maintenance within a reasonable time, Bruce may perform the corrective action or maintenance and charge the cost thereof to the property owner. With respect to necessary emergency repairs or maintenance, Bruce may, without advance notice to the property owner, perform the repairs or maintenance and charge the cost thereof to the property owner.

4. **SCOPE OF SECOND AMENDMENT**

Except as otherwise provided for in this Second Amendment, all of the terms and conditions set forth in the Original Agreement and First Amendment shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Second Amendment to be executed in two (2) duplicate originals.

TOWNSHIP OF ARMADA

Dated: _____

BY: John Paterek
ITS: Supervisor

STATE OF MICHIGAN)
) ss
COUNTY OF MACOMB)

On this _____ day of _____, 2024, before me a Notary Public in and for the County, personally appeared John Paterek, to me personally known, who, being by me duly sworn, did say that he is the Supervisor of the Township of Armada and that he signed this Agreement on behalf the municipal corporation by authority of its Board of Trustees; and acknowledged the instrument to be the free act and deed of the Township of Armada, a Michigan municipal corporation.

_____, Notary Public
_____, County, Michigan
My Commission Expires: _____
Acting in the County of _____

TOWNSHIP OF BRUCE

Dated: _____

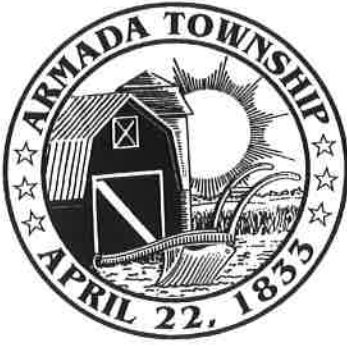
BY: Mike Fillbrook
ITS: Supervisor

STATE OF MICHIGAN)
) ss
COUNTY OF MACOMB)

On this _____ day of _____, 2024, before me a Notary Public in and for the County, personally appeared Mike Fillbrook, to me personally known, who, being

by me duly sworn, did say that he is the Supervisor of the Township of Bruce and that he signed this Agreement on behalf the municipal corporation by authority of its Board of Trustees; and acknowledged the instrument to be the free act and deed of the Township of Bruce, a Michigan municipal corporation.

_____, Notary Public
_____, County, Michigan
My Commission Expires: _____
Acting in the County of _____



Armada Township

23121 E. Main Street, P.O. Box 578

Armada, Michigan 48005

Telephone: (586) 784-5200 Facsimile: (586)784-5211

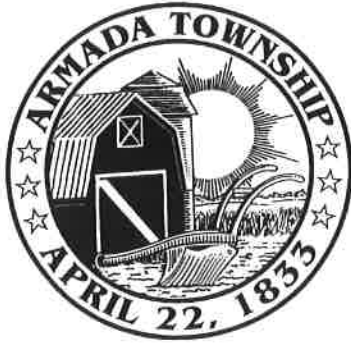
AGENDA ITEM #: 9-q

SUBMITTED BY: Supervisor Paterek

MEETING DATE: March 13, 2024

RE: Code Official

I respectfully request to appoint Robin Spalding as Code Official and a 3.2% wage increase.
Current wage is \$17.47. New wage would be \$18.03 per hour



Armada Township

23121 E. Main Street, P.O. Box 578

Armada, Michigan 48005

Telephone: (586) 784-5200 Facsimile: (586)784-5211

AGENDA ITEM #: 9-r

SUBMITTED BY: Fire Fund Budget

MEETING DATE: March 13, 2024

RE: Fire Department Admin

Currently the fire department is paying \$3,600 per year for doing payroll, accounts payable etc. to the Township Clerk, Mary Swiacki. Fire Chief Kohut has raised that to \$3,762, a 4.5% increase or \$162.00 as presented during budget workshops.