

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES REGULAR MEETING**

Tuesday, January 11, 2022
7:00 PM



CALL TO ORDER AT _____ P.M.

A. ROLL CALL: Kurt Heise_____, Mark Clinton_____, Chuck Curmi_____,
Bob Doroshewitz_____, Jerry Vorva_____, Audrey Monaghan_____,
John Stewart_____

B. PLEDGE OF ALLEGIANCE

C. APPROVAL OF AGENDA

Tuesday, January 11, 2022

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

a) Regular Meeting, December 14, 2021

D.2 Acceptance of Reports

- Building Department Monthly Report - December 2021
- Fire Department Monthly Report - December 2021
- Planning Department Monthly Report - December 2021
- Police Department Monthly Report - December 2021
- FOIA Monthly Report - Clerk's Office - December 2021
- FOIA Monthly Report - Police Department - December 2021

D.3 Budget Adjustments and Amendments – N/A

D.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	1,224,357.31	415,104.32	1,639,461.63

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Drug Forfeiture Federal	262	.00	.00	.00
Drug Forfeiture State	265	.00	.00	.00
Drug Forfeiture IRS	266	.00	.00	.00
Improvement Revolving (Capital)	446	.00	.00	.00
Senior Transportation	588	9,934.53	677.43	10,611.96
Water/Sewer Fund	592	491,305.73	65,447.05	556,752.78
Solid Waste Fund	596	9,349.93	.00	9,349.93
Tax Pool	703	13,452.74	.00	13,452.74
Police Bond Fund	710	.00	.00	.00
Special Assessment Capital	805	.00	.00	.00
TOTALS:		1,748,400.24	481,228.80	2,229,629.04

E. PUBLIC COMMENT *(Limited to 3 Minutes)*

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F. NEW BUSINESS

1. Legislative Updates:
 - State Representative Matt Koleszar
 - County Commissioner Melissa Daub
 - County Commissioner Terry Marecki
2. Annual Goals Review and Discussion, *Board of Trustees*
3. Approval of the 2022 Sidewalk Gap Project, *Jeremy Schrot, Township Engineer, Supervisor Kurt Heise*

G. PUBLIC COMMENT (*Limited to 3 Minutes*)

H. BOARD COMMENTS

I. ADJOURNMENT

PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks' notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800649-3777 (Michigan Relay Services)

The public is invited and encouraged to attend all meetings of the Board of Trustees of the Charter Township of Plymouth

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES REGULAR MEETING**

Tuesday, December 14, 2021
7:00 PM



CALL TO ORDER AT 7:00 P.M.

A. ROLL CALL: PRESENT: Kurt Heise, Supervisor
Jerry Vorva, Clerk,
Chuck Curmi, Trustee
Bob Doroshewitz, Trustee
John Stewart, Trustee

EXCUSED: Mark Clinton, Treasurer
Audrey Monaghan, Trustee

ALSO PRESENT: Dan Phillips, Fire Chief
Dan Kudra, Police Lieutenant
Kevin Bennett, Township Attorney
Ginger Moriarty, Director of Finance
Laura Haw, Township Planner
Denisa Terrell, Recording Secretary
6 Members of the Public

B. PLEDGE OF ALLEGIANCE Jon Brothers

Supervisor Heise read a letter from Treasurer Clinton indicating he is recovering from a medical condition and will return soon. Treasurer Clinton thanked his staff for their hard work and everyone for having patience as he recovers.

C. APPROVAL OF AGENDA

Tuesday, December 14, 2021

Moved by Clerk Vorva and supported by Trustee Doroshewitz to approve the agenda for the Tuesday, December 14, 2021 Board of Trustees meeting.
All Ayes.

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

a) Special Meeting – Tuesday, November 16, 2021

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES REGULAR MEETING

Tuesday, December 14, 2021
7:00 PM



D.2 Acceptance of Reports

- Building Department Monthly Report - November 2021
- Fire Department Monthly Report - November 2021
- Planning Department Monthly Report - November 2021
- Police Department Monthly Report - November 2021
- FOIA Monthly Report - Clerk's Office - November 2021
- FOIA Monthly Report - Police Department - November 2021

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	1,229,645.85	361,666.85	1,591,312.70
Drug Forfeiture Federal	262	.00	795.00	795.00
Drug Forfeiture State	265	.00	.00	.00
Drug Forfeiture IRS	266	.00	.00	.00
Improvement Revolving (Capital)	446	.00	.00	.00
Senior Transportation	588	5,989.47	126.99	6,116.46
Water/Sewer Fund	592	105,579.41	474,420.59	580,000.00
Solid Waste Fund	596	5,402.39	258,918.82	264,321.21
Tax Pool	703	7,410.87	.00	7,410.87

**CHARTER TOWNSHIP OF PLYMOUTH
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Police Bond Fund	710	3,999.00	.00	3,999.00
Special Assessment Capital	805	.00	9,326.00	9,326.00
TOTALS:		1,358,026.99	1,105,264.25	2,463,281.24

Moved by Clerk Vorva and supported by Trustee Doroshewitz to approve the consent agenda for the Tuesday, December 16, 2021 Board of Trustees special meeting.
All Ayes.

E. PUBLIC COMMENT (*Limited to 3 Minutes*)

There were none.

F. NEW BUSINESS

1. Planned Unit Development (PUD) Option Consideration for the Hillside Overlook Apartments (Courthouse Grill Site), **Resolution # 2021-12-14-77**, Supervisor Kurt Heise and Planning Director Laura Haw
(full plans available for viewing at Township Hall Planning Dept., or online at
https://www.plymouthtp.org/government/departments/community_development/current_projects.php)

Ms. Haw provided an overview of the proposed Planned Unit Development (PUD) to be located at 41661 Plymouth Road. She expressed the PUD allows engagement with the community. The architect provided a visual presentation and answered questions. The Hillside Overlook Apartments project was presented to the Planning Commission and conducted a public hearing on November 17, 2021. The Planning Commission recommended the PUD to the Board of Trustees for approval.

Moved by Trustee Doroshewitz and supported by Trustee Curmi to adopt Resolution #2021-12-14-77 authorizing approval of the Hillside Overlook Apartments Planned Unit Development Option (41661 Plymouth Road), as recommended by the Planning Commission.

All Ayes.

Motion Carried.

**CHARTER TOWNSHIP OF PLYMOUTH
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2. Extension of Purchase Agreement for Surplus Lands at DPW Yard,
Resolution # 2021-12-14-78, Supervisor Kurt Heise

Mr. Gonzalez shared the various obstacles that have interfered with moving the project ahead timely including Wayne County and modifications to sanitation. He indicated the \$10,000 down payment proposed is non-refundable and will be applied to the purchase of the surplus land at DPW Yard. Mr. Gonzalez anticipates no further extension request as many of the obstacles have been addressed.

Moved by Clerk Vorva and supported by Supervisor Heise that the Township Board of Trustees approve Resolution # 2021-12-14-78 authorizing the Township Supervisor and Clerk to sign the Real Estate Purchase Agreement Amendment with Phoenix Management Holdings, LLC, IV, for surplus Township parcels located at 46555 Port Street.

Ayes

Supervisor Heise, Clerk Vorva, Trustee Stewart

Nays

Trustee Curmi, Trustee Doroshewitz

Motion Carried.

3. Trash Collection Fee Adjustment for 2022, **Resolution # 2021-12-14-79, Supervisor Kurt Heise and Finance Director Ginger Moriarty**

Ms. Moriarty advised there be an increase in trash collection operational cost of 3% effective in January of 2022. Fees will adjust from \$15.25 to \$15.75.

Moved by Clerk Vorva and supported by Trustee Doroshewitz to approve Resolution # 2021-12-14-79 which, effective with the January 2021 water billing cycle, adjusts the Trash Collection fee from \$15.25 per month to \$15.75 per month.

All Ayes.

4. Brief update on 2021 Goals List, *Supervisor Kurt Heise*

Supervisor Heise presented an update on the scorecard items progression as suggested by Treasurer Clinton. The scorecard goals will be discussed on January 11, 2022, at the Board of Trustees meeting. He encourages the Trustees to share ideas and suggestions.

5. Salary Adjustments for Deputy Clerk and Deputy Treasurer, **Resolution # 2021-12-14-80, Supervisor Kurt Heise and Clerk Jerry Vorva**

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Clerk Vorva shared that the Deputy Clerk had not received an increase in salary since 2017. He also shared that the Deputy Treasurer's salary was increased in February of 2020.

Moved by Clerk Vorva and supported by Trustee Doroshewitz to adopt resolution # 2021-12-14-80 authorizing a one-time salary adjustment of 2.5 percent for the full-time offices of Deputy Clerk and Deputy Treasurer, effective January 1, 2022, and authorizing the Finance Director to appropriate fund the fund balance in the amount of \$4,200 amending the 2022 General Fund budget as needed to provide for salary adjustments for the same, In addition, authorizing that the office of Deputy Clerk is entitled to Premium Pay not to exceed \$10,000 in an even-numbered election year, at the discretion of the Township Clerk. In addition, payment will be straight time for overtime time clocked.

All Ayes.

6. Salary Adjustments for Elected Officials, **Resolution # 2021-12-14-81**, *Supervisor Kurt Heise*

Supervisor Heise indicated the Board approved a one-time adjustment of 2.0 percent for each of the full-time and part-time Board of Trustee positions. The same percentage amount was paid to non-union personnel and department Heads.

Moved by Clerk Vorva and supported by Supervisor Heise to approve the salary adjustment for Elected Officials.

All Ayes.

E. PUBLIC COMMENT (*Limited to 3 Minutes*)

Dan Callahan thanked the Board for doing a great job and indicated Trustee Stewart needs to apologize for previous remarks.

Duane Zantop also requested an apology from Trustee Stewart.

F. BOARD COMMENTS

- Clerk Vorva thanked Amy Hammye and Claudia Devoto for their hard work in the absence of Treasurer Clinton. He also wished Treasurer Clinton a speedy recovery.

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- Trustee Doroshewitz encouraged the community to watch the last Planning Commissions' meeting as the developer of Northridge was given 90 days to present another plan with revisions that support the concerns noted in public hearings. He also wished Treasurer Clinton a speedy recovery.
- Trustee Curmi requested census information if and when it is received.
- Supervisor Heise wished Treasurer Clinton a speedy recovery. He indicated January 11, 2022, is the next scheduled Board of Trustees meeting. He also wished everyone a Merry Christmas and a Happy New Year.

G. ADJOURNMENT

Moved by Trustee Doroshewitz and supported by Clerk Vorva to adjourn the Board of Trustees meeting at 8:29 p.m.

All Ayes.

Jerry Vorva, Clerk

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CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

**December
2021**

New Commerical Building for 2021

Company Name	Property Address	Type of Work	Construction Value	Status	Month
HFHS Out Lot A	40815 Ann Arbor RD	Shell/foundation	987,500	issued	January
Stow & Go Self Storage	9270 General Dr.	New Build	2,475,900	issued	February
EZ Storage	14415 Sheldon	New Build	9,070,754	issued	March
Quick Pass Car Wash	39550 Ann Arbor Rd.	New Build	900,000	issued	September
Total Construction Value			13,434,154		

New Commercial Additions/Alterations for 2021

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Adient	49200 Halyard	Interior remodel	262,000	issued	January
VIP Smoke Shop	47311 5 Mile RD	Tenant finish	10,000	issued	January
K & D Investments	985 Ann Arbor RD	White box	9,000	issued	January
The Garage Cuts & Coffee	40600 Ann Arbor TR	Tenant finish	30,000	issued	January
Euro Stars	15155 Fogg ST	Gym Pits	8,000	issued	January
Hidden Spirits	47019 5 Mile Rd.	Tenant Improvement	15,000	issued	February
All American Gutter	47011 5 Mile Rd.	Tenant Finish	15,000	issued	February
SME	43980 Plymouth Oaks Blvd.	Interior Renovation	3,000,000	issued	February
Panera Bread	47411 Five Mile Rd.	Tenant Finish	701,000	issued	March
Burroughs (Robo Tire)	41100 Plymouth Rd. B1 320	Tenant Finish	6,000	issued	March
Burroughs (Symmetri)	41100 Plymouth Rd. B1 310	Tenant Finish	40,000	issued	March
Adient	49200 Halyard Dr.	Bathroom Remodel	600,000	issued	March
Stow & Go	41999 Ann Arbor Rd.	Interior Remodel	105,000	issued	March
Burroughs (141, 150, 160, 170)	41100 Plymouth RD B2 140	Interior Remodel	70,000	issued	April
Adient	49200 Halyard	Phase III (Foyer)	2,000,000	issued	April
Ivy Rehab	47635 5 Mile RD	Tenant finish	80,000	issued	April
Zuzo Orthodontics	49477 Ann Arbor RD	Tenant finish	212,500	issued	April
St. John's Monastery	44045 5 Mile RD	Atrium (HVAC remodel)	100,000	issued	April
Adient	49200 Halyard	Lab Phase 21.2	1,800,000	issued	April
Eotech	46900 Port	Tenant finish Phase I	675,000	issued	April
MJ Cabinet	541 Ann Arbor Rd	Tenant finish	5,000	issued	April
Burroughs (Robo Tire)	41100 Plymouth RD B1 370	Tenant finish	55,000	issued	April
Farrow Realty	45657 Port St.	High Rack Storage	21,344	issued	May

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Phoenix Mill	15000 Edward Hines Dr.	Tenant Finish	1,025,000	issued	May
Amazon	9075 Haggerty	Warehouse	8,177,891	issued	May
Roman Foods LLC.	9115 General Ct.	Interior Remodel	12,000	issued	May
Titanium	14555 Jib St.	High Rack Storage	30,000	issued	May
Titanium	14555 Jib St.	Interior Alteration	8,700	issued	May
Adient	49200 Halyard	Interior Renovation 21.3	1,800,000	issued	June
TGR Tech Center	47200 Port St.	Replace Sidewalks	8,600	issued	June
Bank of Ann Arbor	1333 Ann Arbor Rd.	Parking Lot & Landscaping	17,000	issued	June
Amazon	9075 Haggerty	Addition Phase II	2,100,000	issued	June
Ilmor Engineering Inc.	43939 Plymouth Oaks Blvd.	Parking Lot Expansion	421,000	issued	June
Suburban	40475 Ann Arbor Rd.	Phase II Interior Finish	415,000	issued	June
Eotech	46900 Port St.	Interior Remodel Phase II	200,000	issued	June
Suburban	40475 Ann Arbor Rd.	Phase II (Bathrooms)	415,000	issued	July
Amazon	9075 Haggerty	Phase II (Conveyor Equipment)	18,800,000	issued	July
Comcast Corp	41112 Concept Dr.	Bathroom Renovation (10)	488,780	issued	July
Advanced Family Dentistry	44844 Ann Arbor Rd.	1,000 Sq. Ft. Expansion	65,000	issued	August
Webasto	14200 Haggerty Rd.	Mezzanine & Bathroom	1,500,000	issued	August
Burroughs (Stellar Rod & Design)	41100 Plymouth Rd. B2 150	Tenant Finish	25,000	issued	August
OptimEyes	40895 Ann Arbor Rd.	Demising Wall	108,000	issued	September
Michigan Life Science & Innovation	48701 Commerce Center Dr.	Parking Lot Renovation	188,895	issued	September
Chipotle	40815 Ann Arbor Rd.	Demising Wall	80,740	issued	September
Pure Sleep	41504 Ann Arbor Rd.	2 White Boxes	60,000	issued	October
Sr. John's Inn Monastery	44045 Five Miled Rd.	Atrium Renovation	200,000	issued	October
Smoker Depot	41528 Ann Arbor Rd.	Tenant Finish	30,000	issued	October
JP Holdings	47015 Five Mile Rd.	Tenant Finish	15,000	issued	October
Chipotle	40815 Ann Arbor Rd.	Tenant Finish	400,000	issued	October
Red Olive Banquet Room	1058 Ann Arbor Rd.	Interior Remodel	30,000	issued	October
Metro Opportunities	45000 Heim	Phase II Tenant Finish	1,000,000	issued	October
St. Kenneth Church	14951 Haggerty	Remodel Social Hall	618,760	issued	October
SEMA	14655 Jib	Tenant Finish	1,200,000	issued	November
Mumbai Market	1472 Sheldon	Tenant Remodel	4,500	issued	November
Nu-Step	47700 Halyard Rd.	Interior Remodel Phase II	32,270	issued	November
OptimEyes	40895 Ann Arbor Rd.	Tenant Finish	400,000	issued	December
Pita Way	41512 Ann Arbor Rd.	Tenant Finish	53,000	issued	December
Brembo Brakes	47765 Halyard	Interior Remodel	100,000	issued	December
Total Construction Value			47,832,880		
Grand Total Construction Value			61,267,034		

Building Department 2021

<u>Classification</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>2021 Totals</u>
Total Building Permits	72	59	126	144	118	136	124	129	83	93	61	63	1228
<u>Trade Permits</u>													
Electrical	41	34	42	45	38	64	40	41	50	56	48	48	543
Mechanical	58	47	67	53	63	80	61	72	63	73	60	48	745
Plumbing	28	18	28	31	23	22	33	26	28	24	25	16	300
Sewer & Water	6	7	3	14	2	15	12	8	9	10	8	8	102
Total Trade Permits	203	165	268	267	244	317	270	278	233	266	220	181	2818
<u>Miscellaneous</u>													
Special Inspections	0	0	0	0	0	0	0	0	0	0	0	0	0
Temp Certificate of Occupancy	2	1	4	1	0	3	4	1	0	4	3	1	24
Re-Occupancy	0	1	0	2	2	1	0	1	1	2	1	1	12
Plan Review	9	2	12	18	8	19	17	16	9	13	7	7	139
ZBA	0	3	1	4	3	2	3	2	5	0	0	1	24
Re-inspection fees	8	1	8	8	3	3	5	4	4	4	4	9	61
Vacant Land Registration	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Miscellaneous	19	8	25	33	16	28	29	26	18	23	15	19	260
<u>Application Fees</u>													
Building	62	48	114	129	105	123	105	122	74	77	76	56	1091
Electrical	48	39	35	52	42	63	39	44	54	63	51	41	689
Mechanical	65	46	64	54	62	85	66	71	65	74	61	45	758
Plumbing	28	17	25	35	29	18	32	25	29	26	23	15	302
Total Misc/License/Application	220	168	263	303	254	317	271	288	241	263	226	157	2380
Grand Total	423	323	629	590	498	634	641	664	474	519	446	338	5888
<u>Staffing Levels</u>													
Chief Building Official	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Inspector	1	1	1	1	2	1	1	1	1	1	1	1	
Full Time Building Coordinator	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Administrator	1	1	1	1	1	1	1	1	1	1	1	1	
Part-time Time Ordinance Officer	1	1	1	1	1	1	1	1	1	1	1	1	

Residential Housing 2021

Single Family Detached

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	1	1	490,418	3,706
February	0	0	-	-
March	0	0	-	-
April	5	5	1,623,730	12,150
May	1	1	366,100	2,541
June	4	4	1,453,824	10,995
July	5	5	1,875,393	14,128
August	0	0	-	-
September	1	1	319,978	2,217
October	2	2	573,810	4,296
November	1	1	245,000	2,236
December	2	2	546,905	4,296
Totals	22	22	\$ 7,495,158	56,564

Single Family Attached (Townhouses/ Row Houses)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

Two-Family Buildings (Duplex)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

Three-or-more Family Building (Apartments/Stacked Condos)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

	<u>Total #</u>	<u>Total #</u>	<u>Value</u>	<u>Square</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Construction</u>	<u>Feet</u>
Totals all categories	22	22	\$ 7,495,158	56,564

Plymouth Township, Michigan
DODGE REPORT
RESIDENTIAL BUILDING PERMIT
ISSUANCE REPORT
Plymouth Township

December 2021

Building

Date Issued	Parcel Address	Category	Contractor Information	Const. Value
12/21/21 PB21-0755	9300 MARLOWE	b. Single-family, attached and detache	BREAULT CONSTRUCTION, INC 1150 Ann Arbor RD 102 Plymouth MI 48170 (248) 210 6274	\$286,905
12/21/21 PB21-0756	9294 MARLOWE	b. Single-family, attached and detache	BREAULT CONSTRUCTION, INC 1150 Ann Arbor RD 102 Plymouth MI 48170 (248) 210 6274	\$280,000



Revenue Breakdown Report

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01/03/2022

Filter: All Records, Transaction.DateToPostOn in <Previous month> [12/01/21 - 12/31/21] AND
Transaction.TransactionNumber Not = 67,079 AND
Transaction.TransactionNumber Not = 67,078

Unit Totals		
Unit Name	Records	Revenue
	181	118,572.21
TOTAL	181	118,572.21

Record Type Totals		
Unit:	Records	Revenue
Permit	181	118,572.21
UNIT TOTAL:	181	118,572.21

Record Type Breakdowns		
Unit:	Records	Revenue
Record Type: Permit		
Building	63	33,486.00
Electrical	46	20,878.50
Mechanical	48	8,223.75
Plumbing	16	2,559.00
Sewer & Water	8	53,424.96
TOTAL:	181	118,572.21

65,147.25

Record Categories By Type		
Unit:	Records	Revenue
Permit		
Type: Building		
Basement Finish	1	760.00
Cell Towers	1	560.00
Deck	1	475.00
Fence	4	670.00
Ind/Comm-alt/add	3	8,550.00
Ind/Comm-new	1	900.00
Parking Lot	1	100.00
Re-Occupancy	1	140.00
Residential-alt/add	6	5,115.00
Residential-new	5	9,386.00
Roof	4	735.00
Sign - Flagpole	13	2,135.00
Windows/Siding	22	3,960.00
TOTAL:	63	33,486.00

Permit	Type: Electrical		
Electrical		46	19,366.00
Fire Alarm		1	1,512.50
TOTAL:		46	20,878.50

Permit	Type: Mechanical		
Fire Suppression		1	629.75
Gas Piping		19	2,320.00
Heating		28	5,274.00
TOTAL:		48	8,223.75

Permit	Type: Plumbing		
Plumbing		16	2,559.00
TOTAL:		16	2,559.00

Certificate of Occupancy List

01/03/2022

1/1

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF21-0071 <u>Permit Number</u> PB20-0624	ISSUED (FINAL) <u>Applicant Name</u> Pulte Group	PulteGroup	9161 Andover Forest LN <u>Contractor</u> Pulte Group	<u>CO Date Apply:</u> 12/01/2021 <u>Permit Date Apply:</u> 08/06/2020	<u>CO Date Finaled:</u> 12/01/2021 <u>Permit Date Issued:</u> 08/21/2020
OF21-0072 <u>Permit Number</u> PB20-0582	ISSUED (FINAL) <u>Applicant Name</u> Pulte Group	PulteGroup	9179 Andover Forest CT <u>Contractor</u> Pulte Group	<u>CO Date Apply:</u> 12/01/2021 <u>Permit Date Apply:</u> 07/29/2020	<u>CO Date Finaled:</u> 12/01/2021 <u>Permit Date Issued:</u> 08/21/2020
OF21-0073 <u>Permit Number</u> PB20-0658	ISSUED (FINAL) <u>Applicant Name</u> Pulte Group	PulteGroup	9178 Andover Forest LN <u>Contractor</u> Pulte Group	<u>CO Date Apply:</u> 12/01/2021 <u>Permit Date Apply:</u> 08/14/2020	<u>CO Date Finaled:</u> 12/01/2021 <u>Permit Date Issued:</u> 09/03/2020
OF21-0074 <u>Permit Number</u> PB20-0635	ISSUED (FINAL) <u>Applicant Name</u> Pulte Group	PulteGroup	9172 Andover Forest LN <u>Contractor</u> Pulte Group	<u>CO Date Apply:</u> 12/08/2021 <u>Permit Date Apply:</u> 08/10/2020	<u>CO Date Finaled:</u> 12/08/2021 <u>Permit Date Issued:</u> 08/27/2020
OF21-0075 <u>Permit Number</u> PB21-0197	ISSUED (FINAL) <u>Applicant Name</u> Cook Building Co	R & M ASSET MANAGEMEN	9464 ELMHURST <u>Contractor</u> Cook Building Co	<u>CO Date Apply:</u> 12/27/2021 <u>Permit Date Apply:</u> 03/25/2021	<u>CO Date Finaled:</u> 12/27/2021 <u>Permit Date Issued:</u> 04/16/2021

All Records

Co.DateFinaled in <Previous month> [12/01/21 - 12/31/21]

Number of CofO's: 5



Plymouth Township Fire Department

Monthly Report

December 2021

Response Information:

The Plymouth Township Fire Department responded to **270** emergencies this month.

There was an average of **8.70** runs per day this month.

PTFD's average response time was **5 min 20 sec** to the scene. This includes all responses including non-emergent.

Mutual Aid:

Plymouth Township Fire Department is a member of the Western Wayne County Mutual Aid Association.

	Mutual Aid Received	Mutual Aid Given
Canton Township	0	11
Northville City	1	1
Northville Township	0	10
Westland	0	1

Fire Loss:

There were **5** fires this month that accounted for **1,700.00** worth of damage to possessions and property. We prevented the destruction of **447,300.00** in property.

EMS Information:

HVA transported **100** patients to the hospital.

Plymouth Township Fire transported **36** patients to the hospital.

Plymouth transports billed out **47,381.17** this month, received **15,057.64** and have **4,764.31** in outstanding bills over 180 days.

Fire Prevention:

Plymouth Township Fire Department provided **20** comprehensive fire inspections to businesses within Plymouth Township.

This month the Department conducted **1 CPR Class** with a total of **1** participant.

to January on a 12 month calendar report of previous year

Reports Included:

CLEMIS Reports

Incidents Section

- Incident Summary by Incident type
 - Incident Type
 - Type count
 - Property Loss
 - Property Value
- Mutual Aid by Department
 - Mutual aid Received
 - Mutual Aid Given

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

- Agency Activity Summary
 - Patients Transported by HVA
 - Patients Transported by PTFD

Billing Summary

Inspection Report

Total count for Public Education – Review Fire Modules Calendar

Legend – include only the first three

Incident Type Count

For Dates 12/1/21 - 12/31/21



Incident Type and Description	Count	% Type / % Total
100 - Fire, other	1	20.00 %
111 - Building fire	1	20.00 %
113 - Cooking fire, confined to container	1	20.00 %
114 - Chimney or flue fire, confined to chimney or flue	2	40.00 %
Total - Fires	5	1.85 %
321 - EMS call, excluding vehicle accident with injury	175	91.62 %
321C - EMS call, possible COVID-19	2	1.05 %
322 - Vehicle accident with injuries	11	5.76 %
324 - Motor vehicle accident with no injuries	3	1.57 %
Total - Rescue & Emergency Medical Service Incidents	191	70.74 %
412 - Gas leak (natural gas or L.P.G)	1	33.33 %
444 - Power line down	2	66.67 %
Total - Hazardous Conditions (No fire)	3	1.11 %
500 - Service Call, other	3	9.38 %
512 - Ring or jewelry removal	1	3.13 %
551 - Assist police or other governmental agency	1	3.13 %
554 - Assist invalid	26	81.25 %
561 - Unauthorized burning	1	3.13 %
Total - Service Call	32	11.85 %
611 - Dispatched & cancelled en route	13	81.25 %
611E - EMS: Dispatched & cancelled en route	2	12.50 %
622 - No incident found on arrival at dispatch address	1	6.25 %
Total - Good Intent Call	16	5.93 %
700 - False alarm or false call, other	11	55.00 %
710 - Malicious, mischievous false call, other	1	5.00 %
711 - Municipal alarm system, malicious false alarm	1	5.00 %
733 - Smoke detector activation due to malfunction	2	10.00 %
735 - Alarm system sounded due to malfunction	1	5.00 %
740 - Unintentional transmission of alarm, other	1	5.00 %
746 - Carbon monoxide detector activation, no CO	3	15.00 %
Total - False Alarm & False Call	20	7.41 %
9001 - Dispatch Error	3	100.00 %
Total - Special Incident Type	3	1.11 %
	270	

Municipal Response Times Report

For Dates Beginning 12/1/21 Ending 12/31/21
Incident Types selected for analysis: All
For All Priority Types



Time in Minutes	Alarm to Dispatch	Percent Total	Cumulative Responses Percent	Dispatch to Enroute	Percent Total	Cumulative Responses Percent	Enroute to Arrival	Percent Total	Cumulative Responses Percent	Alarm to Arrival	Percent Total	Cumulative Responses Percent	Dispatch to Arrival	Percent Total	Cumulative Responses Percent
0 - 1	113	47.08	113 47.08	86	37.39	86 37.39	21	9.33	21 9.33	3	1.28	3 1.28	10	4.27	10 4.27
1 - 2	96	40.00	209 87.08	97	42.17	183 79.57	16	7.11	37 16.44	6	2.56	9 3.85	11	4.70	21 8.97
2 - 3	22	9.17	231 96.25	33	14.35	216 93.91	36	16.00	73 32.44	8	3.42	17 7.26	10	4.27	31 13.25
3 - 4	3	1.25	234 97.50	10	4.35	226 98.26	44	19.56	117 52.00	14	5.98	31 13.25	46	19.66	77 32.91
4 - 5	2	0.83	236 98.33	3	1.30	229 99.57	39	17.33	156 69.33	42	17.95	73 31.20	43	18.38	120 51.28
5 - 6	1	0.42	237 98.75	0	0.00	229 99.57	21	9.33	177 78.67	39	16.67	112 47.86	27	11.54	147 62.82
6 - 7	2	0.83	239 99.58	0	0.00	229 99.57	24	10.67	201 89.33	28	11.97	140 59.83	27	11.54	174 74.36
7 - 8	0	0.00	239 99.58	0	0.00	229 99.57	12	5.33	213 94.67	28	11.97	168 71.79	27	11.54	201 85.90
8 - 9	0	0.00	239 99.58	0	0.00	229 99.57	3	1.33	216 96.00	21	8.97	189 80.77	12	5.13	213 91.03
9 - 10	0	0.00	239 99.58	0	0.00	229 99.57	3	1.33	219 97.33	17	7.26	206 88.03	12	5.13	225 96.15
10 +	1	0.42	240 100.00	1	0.43	230 100.00	0	2.67	225 100.00	28	11.97	234 100.00	9	3.85	234 100.00

Incident Total*

240

Average Times per Incident

Average PSAP Processing Time: 1 minute(s) 13 second(s)
(Alarm to Dispatch) Percent less than or equal to 60 Seconds: 47.08%
Percent less than or equal to 90 Seconds: 73.33

Average Fire Department Turn Out Time: 1 minute(s) 24 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 20 second(s)
(Dispatch to Arrival)

Average Municipal Response Time: 6 minute(s) 33 second(s)
(Alarm to Arrival)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds: 47.08%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds: 37.39%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes: 52.00%
(Enroute to Arrival)

The Incident Total reflects Incidents that have an Alarm Time and a Dispatch Time.
It does not include Incidents where no apparatus have been assigned.

Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 12/1/21 - 12/31/21

Department: Canton Twp FD

Mutual aid given

210002981	12/1/21 11:35:01AM	3	08204	8542 N CANTON CENTER
210003001	12/3/21 4:33:52PM	3	08204	275 N CANTON CENTER
210003002	12/3/21 4:39:37PM	3	08204	WARREN
210003053	12/8/21 9:55:42AM	3	08204	44800 WARREN
210003075	12/10/21 1:28:43PM	3	08204	45900 GEDDES
210003112	12/14/21 6:22:06PM	3	08204	1150 S CANTON CENTER
210003145	12/19/21 4:11:16PM	3	08204	1150 S CANTON CENTER
210003154	12/20/21 3:28:05PM	3	08204	7300 N CANTON CENTER
210003176	12/22/21 2:30:46PM	3	08204	1051 N CANTON CENTER
210003225	12/29/21 10:46:38AM	3	08204	42665 BARCHESTER
210003227	12/29/21 11:48:10AM	3	08204	405 VIRGINIA CT

<i>Subtotal Mutual aid given</i>	11
<i>Subtotal Canton Twp FD</i>	11

Department: Northville City FD

Automatic aid received

210002993	12/2/21 5:54:34PM	2	08232	1160 SHERIDAN
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<i>Subtotal Automatic aid received</i>	1
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Mutual aid given

210003181	12/23/21 6:46:55PM	3	08232	684 S EVERGREEN
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<i>Subtotal Mutual aid given</i>	1
<i>Subtotal Northville City FD</i>	2

Department: Northville Twp FD

Mutual aid given

210003006	12/3/21 10:23:11PM	3	08255	46910 SIX MILE RD
210003013	12/4/21 3:06:51PM	3	08255	20080 LONGRIDGE RD
210003017	12/4/21 5:28:11PM	3	08255	HAGGERTY RD
210003070	12/9/21 2:11:39PM	3	08255	SIX MILE RD
210003085	12/11/21 3:29:51PM	3	08255	15700 HAGGERTY RD
210003086	12/11/21 4:45:51PM	3	08255	SIX MILE RD

Time Period: 12/1/21 - 12/31/21

210003194	12/25/21 1:22:39PM	3	08255	18826 JAMESTOWN CIR
210003242	12/31/21 11:36:10AM	3	08255	18256 JAMESTOWN CIR
210003243	12/31/21 12:01:32PM	3	08255	16100 HAGGERTY RD
210003246	12/31/21 10:52:26PM	3	08255	41740 CAMDEN CT

Subtotal Mutual aid given 10

Subtotal Northville Twp FD 10

Department: Westland FD**Mutual aid given**

210003226	12/29/21 11:43:06AM	3	08251	5876 N KARLE AVE
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Subtotal Mutual aid given 1

Subtotal Westland FD 1

Total 24

Incident Summary by Incident Type

For Dates: 12/1/21 - 12/31/21



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
No Shift Entered				
No Station Entered				
Rescue & Emergency Medical Service Incidents	1	00:00:00	\$ 0.00	\$ 0.00
Total for No Station Entered	1	00:00:00	\$ 0.00	\$ 0.00
Total for No Shift Entered	1.00	00:00:00	\$ 0.00	\$ 0.00
Shift: A				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:07:46	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	2	00:03:53	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	21	00:06:24	\$ 0.00	\$ 0.00
Service Calls	2	00:05:46	\$ 0.00	\$ 0.00
Total for Station: ST1	23	00:06:21	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	16	00:05:09	\$ 0.00	\$ 0.00
Service Calls	6	00:05:31	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:09:15	\$ 0.00	\$ 0.00
Total for Station: ST2	23	00:05:26	\$ 0.00	\$ 0.00
Station: ST3				
Fires	2	00:06:54	\$ 0.00	\$ 344,250.00
Rescue & Emergency Medical Service Incidents	26	00:07:40	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:18	\$ 0.00	\$ 0.00
Service Calls	5	00:08:07	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:58	\$ 0.00	\$ 0.00
Total for Station: ST3	41	00:06:53	\$ 0.00	\$ 344,250.00
Total for Shift: A	89.00	00:06:18	\$ 0.00	\$ 344,250.00
Shift: B				
Station: ST1				
Fires	1	00:07:24	\$ 1,700.00	\$ 103,050.00
Rescue & Emergency Medical Service Incidents	27	00:06:42	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:03:47	\$ 0.00	\$ 0.00
Service Calls	4	00:05:24	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:05:00	\$ 0.00	\$ 0.00
Special Incident Types	2	00:01:16	\$ 0.00	\$ 0.00
Total for Station: ST1	37	00:06:07	\$ 1,700.00	\$ 103,050.00
Station: ST2				

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Fires	1	00:08:03	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	18	00:05:48	\$ 0.00	\$ 0.00
Service Calls	1	00:04:39	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: ST2	21	00:05:35	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	23	00:07:13	\$ 0.00	\$ 0.00
Service Calls	5	00:08:53	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:00:19	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:06:05	\$ 0.00	\$ 0.00
Total for Station: ST3	38	00:06:23	\$ 0.00	\$ 0.00
Total for Shift: B	96.00	00:06:06	\$ 1,700.00	\$ 103,050.00
Shift: C				
Station: ST1				
Fires	1	00:04:35	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	21	00:05:56	\$ 0.00	\$ 0.00
Service Calls	2	00:07:07	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:07:36	\$ 0.00	\$ 0.00
Special Incident Types	1	00:03:03	\$ 0.00	\$ 0.00
Total for Station: ST1	29	00:05:34	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	14	00:05:50	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:13:41	\$ 0.00	\$ 0.00
Service Calls	4	00:07:17	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:11:17	\$ 0.00	\$ 0.00
Total for Station: ST2	23	00:06:24	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	23	00:07:58	\$ 0.00	\$ 0.00
Service Calls	3	00:05:38	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:06:16	\$ 0.00	\$ 0.00
Total for Station: ST3	32	00:07:14	\$ 0.00	\$ 0.00
Total for Shift: C	84.00	00:06:26	\$ 0.00	\$ 0.00
Total	270.00	00:06:15	\$ 1,700.00	\$ 447,300.00

Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 12/01/2021 Through 12/31/2021

Total Number of ePCRs: 183

Total Number of Incidents: 180

By Branch

01 Station 1 = 71

02 Station 2 = 45

03 Station 3 = 67

Run Disposition

	#	%		#	%
Treated/Transported	36	19.7%	Dead Prior To Arrival	3	1.6%
Treated / Transferred Care	100	54.6%	Dead After Arrival	N/A	N/A
Treated/No Transport (AMA)	38	20.8%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	N/A	N/A	Assist	1	0.5%
Transported / Refused Care	N/A	N/A	Other	5	2.7%
No Transport / Refused Care	N/A	N/A	No Patient Found	N/A	N/A
Cancelled	N/A	N/A			
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	183	100.0%	Non-Emergency Runs	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	3	1.6%	Mutual Aid	N/A	N/A
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	Intercept	N/A	N/A
Emergency Runs (Scheduled)	N/A	N/A	Non-Emergency Runs (Scheduled)	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	N/A	N/A
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	Intercept	N/A	N/A

Emergency Type Left Blank: 0

Runs by Unit

Unit	Total Runs	Treat/Transp	Treat/Transfer	Treat/No Transp(AMA)	Treat/No Transp(PP)	Transp/Ref. Care	Cancelled	Dead Prior Arr	Dead After Arr	T/T Priv Veh	No Trans/Ref. Care	Assist	Other	No Pat. Found
ENG1	5	0	2	1	0	0	0	0	0	0	0	0	2	0
RES1	63	14	35	12	0	0	0	0	0	0	0	1	1	0
RES2	46	11	21	10	0	0	0	2	0	0	0	0	2	0
RES3	69	11	42	15	0	0	0	1	0	0	0	0	0	0
Total	183	36	100	38	0	0	0	3	0	0	0	1	5	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	15	8.2%	BLS	131	71.6%
ALS	168	91.8%	ALS1	51	27.9%
SCT	N/A	N/A	ALS2	1	0.5%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

Runs by Insurance Type with Service Level (Multiple insurance types may have

been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
None	131	71.6%	51	27.9%	1	0.5%	N/A	N/A	N/A	N/A	N/A	183 100.0%

Runs by Primary PI

Description	#	%
Abdominal Pain	8	4.4%
Allergic Reaction	2	1.1%
Alt. Level Conscious	12	6.6%
Anxiety	3	1.6%
Asthma Symptoms	1	0.5%
Back Pain (No Trauma)	3	1.6%
Behavioral Disorder	2	1.1%
CVA/Stroke	1	0.5%
Cardiac Arrest	1	0.5%
Cardiac Symptoms	4	2.2%
Chest Pain	9	4.9%
Depression (acute)	2	1.1%
Diabetic Symptoms	3	1.6%
Dizziness	7	3.8%
Dyspnea-SOB	17	9.3%
Eye Symp.(no trauma)	2	1.1%
Flu Symptoms	3	1.6%
GI -Constipation	2	1.1%
GI -Diarrhea	1	0.5%
Headache (no trauma)	1	0.5%
Hemorrhage-(severe medical)	1	0.5%
Malaise	2	1.1%
Medication Reaction	1	0.5%
Monitoring Required	7	3.8%
Nausea	5	2.7%
No Medical Problem	3	1.6%
Not Applicable	3	1.6%
Obvious Death	2	1.1%
Poisoning	1	0.5%
Psychiatric Emerg.	6	3.3%
Seizure	3	1.6%
Syncope/Fainting	7	3.8%
Trauma Injury	19	10.4%
Unconscious	1	0.5%
Unknown Medical	7	3.8%
Urinary Bleeding	1	0.5%
Vomiting	1	0.5%
Weakness	24	13.1%
Left Blank	5	2.7%
Total	183	100.0%

Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	7	3.8%
10 Chest Pain [non-traumatic]	16	8.7%
12 Convulsions/Seizures	4	2.2%
13 Diabetic	1	0.5%
17 Falls	26	14.2%
2 Allergies/Envenomations	1	0.5%
21 Hemorrhage/Lacerations	1	0.5%
23 Overdose/poisoning	3	1.6%
25 Psychiatric/Abnormal behavior/Suicide Attempt	9	4.9%
26 Sick Person	51	27.9%
28 Stroke [CVA]	1	0.5%
29 Traffic/Accidents	10	5.5%
30 Traumatic Injuries	4	2.2%
31 Unconscious/Fainting	9	4.9%
32 Unknown Problem	11	6.0%
4 Assault/Sexual Assault	1	0.5%
5 Back Pain	2	1.1%
6 Breathing Problems	16	8.7%
88 Not applicable	1	0.5%
9 Cardiac or Respiratory Arrest/Death	3	1.6%
99 Unknown	3	1.6%
Left Blank	3	1.6%
Total	183	100.0%

Transport From (Category)

	<u>#</u>	<u>%</u>
<i>--Left Blank--</i>	183	100.0%
<i>Total</i>	183	100.0%

Transport From (Facility)

	<u>#</u>	<u>%</u>
<i>--Left Blank--</i>	183	100.0%
<i>Total</i>	183	100.0%

Transport To (Destination Facility)

	<u>#</u>	<u>%</u>
St Mary Livonia ER	104	56.8%
<i>--Left Blank--</i>	47	25.7%
St Joe Ann Arbor ER	12	6.6%
Providence Park ER-Nov	8	4.4%
Henry Ford West Bloomfield	4	2.2%
UNIVERSITY OF MICHIGAN ER	3	1.6%
C.S. Mott Children's Hospital	2	1.1%
Beaumont Farmington Hills (Botsford)	1	0.5%
No transport	1	0.5%
Beaumont Hospital Royal Oak	1	0.5%
<i>Total</i>	183	100.0%

PLYMOUTH AGING SUMMARY
PLYMOUTH MONTHLY AGING REPORT
REPORT AS OF DECEMBER 31, 2021

<u>ID</u>	<u>Description</u>	<u>Calls</u>	<u>Current</u>	<u>31 to 60</u>	<u>61 to 90</u>	<u>91 to 120</u>	<u>121 to 150</u>	<u>151 to 180</u>	<u>Over 180</u>	<u>Total</u>
1CONS	PAPER - CONTRACT	1	0.00	0.00	0.00	0.00	0.00	0.00	548.00	548.00
1MRP	PAPER - MEDICARE	3	723.98	558.91	578.72	0.00	0.00	0.00	0.00	1859.61
APPL	APPEAL PATIENT 30	8	0.00	0.00	1710.80	0.00	732.20	0.00	250.00	2693.00
BCAP	APPEAL BCBS	1	0.00	0.00	0.00	0.00	0.00	0.00	732.20	732.20
BCBS	ELECT BCBS	8	3083.44	0.00	732.20	0.00	0.00	0.00	0.00	3615.64
CAID	ELECT MEDICAID	4	1608.88	0.00	0.00	0.00	1047.52	0.00	0.00	2654.40
CARE	ELECT - MEDICARE	7	4200.04	0.00	0.00	0.00	0.00	0.00	0.00	4200.04
CAREBL	ELECT MEDICARE P	2	754.12	0.00	769.60	0.00	0.00	0.00	0.00	1513.72
COMP	PAPER WORK COM	1	773.30	0.00	0.00	0.00	0.00	0.00	0.00	773.30
INSU	PAPER INS PRIMAR	9	3442.60	0.00	745.90	0.00	732.20	821.86	0.00	6742.46
NEICCAID	ELECT MEDICAID NE	1	732.20	0.00	0.00	0.00	0.00	0.00	0.00	732.20
NEICCARE	ELECT INS NEIC ME	4	556.17	0.00	1288.74	0.00	0.00	718.90	0.00	2564.41
PCAR	PAPER MEDICARE	2	808.18	0.00	738.31	0.00	0.00	0.00	0.00	1542.49
PRIV	REQUEST PRIVATE	1	548.98	0.00	0.00	0.00	0.00	0.00	0.00	548.98
PRV2	PAPER - PRIVATE P	51	12492.49	3083.33	5971.54	0.00	945.72	10.24	-93.87	22408.45
REVIEW	REVIEW	19	0.00	0.00	6781.64	0.00	1829.25	809.80	968.50	10168.89
SINS	PAPER INS SECOND	9	284.36	287.55	323.36	0.00	0.00	0.00	0.00	895.27
U	MHR HOLD FOR MH	1	0.00	0.00	0.00	0.00	114.32	0.00	0.00	114.32
ZIR	ZIRMED 2	4	950.11	0.00	718.50	0.00	732.20	0.00	0.00	2400.81
ZIRCAID	ELECT MEDICAID ZI	8	1381.53	0.00	0.00	0.00	1183.96	588.50	1801.20	4934.81
ZIRMED	ELECT INS ZIRMED	3	0.00	0.00	1382.90	0.00	0.00	0.00	560.28	1943.18
Totals		145	32333.88	3929.79	21709.11	0.00	7318.98	2728.70	4764.31	72782.78

PLYMOUTH CHARGE SUMMARY
PLYMOUTH MONTHLY CHARGE REPORT
REPORT AS OF DECEMBER 31, 2021

<u>ID</u>	<u>Description</u>	<u>QTY</u>	<u>QTY %</u>	<u>Charge Count</u>	<u>Charge Count</u>	<u>Total Charge</u>	<u>%</u>
427	ALS EMERGENCY	42	7.34	42.00	31.11	27300.00	57.62
433	ALS II EMERGENCY	1	0.17	1.00	0.74	800.00	1.89
429	BLS EMERGENCY	24	4.20	24.00	17.78	12000.00	25.33
0425MC	CMS MILEAGE	334.1	58.40	43.00	31.85	4577.17	9.68
426	MILEAGE	170	29.72	24.00	17.78	2329.00	4.92
MVA	MOTOR VEHICLE ACCID	1	0.17	1.00	0.74	375.00	0.79
Totals		672.1		135		47381.17	

PLYMOUTH CREDIT SUMMARY
PLYMOUTH MONTHLY CREDIT REPORT
REPORT AS OF DECEMBER 31, 2021

<u>ID</u>	<u>Description</u>	<u>Credits</u>	<u>QTY %</u>	<u>Amount</u>	<u>Amount %</u>
2	Adjustment	49	28.49	8532.55	27.85
3	Discount	1	0.58	2.43	0.01
1	Other Payment	100	58.14	13480.85	43.88
6	Patient Payment	8	4.85	1674.36	5.1
5	Write Off	14	8.14	7270.22	23.66
Totals		172		30880.41	

Inspection Volume

12/20/2021 11:49:30 AM

Filters:

- Inspection Source: **Internal Department Only**
- Start Date: **12/1/2021 12:00:00 AM**
- End Date: **12/21/2021 11:59:59 PM**
- Inspector: **-all-**
- Occupancy Type: **-all-**
- IFC Occupant Class: **-all-**
- Occupancy Number: **-all-**
- Zip Code: **-all-**
- Address: **-all-**
- Street Name: **-all-**
- Inspection Type: **-all Fire Safety types-**
- Census: **-all-**
- District: **-all-**
- Section: **-all-**
- Station: **-all-**
- Zone: **-all-**

Volume by Inspector

Randall, Jeff	# of Inspections ¹	Violations Cited	Occupant Sq. Ft.
2-Year ^{FS}	1		860
3-Year ^{FS}	4		17,500
Annual ^{FS}	1		0
Business Update ^{FS}	1		1,530
Complaint ^{FS}	1		10,000
Final Fire Alarm ^{FS}	2		50,000
Fire Alarm Test ^{FS}	1		4,000
Freedom of Information ^{FS}	4		62,046
Hydrostratic Test ^{FS}	3		0
Semi-Annual (twice a year) ^{FS}	2		0
Total	20	0	145,936

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
2-Year ^{FS}	1				860
3-Year ^{FS}	4				17,500
Annual ^{FS}	1				0
Business Update ^{FS}	1				1,530
Complaint ^{FS}	1				10,000
Final Fire Alarm ^{FS}	2				50,000
Fire Alarm Test ^{FS}	1				4,000
Freedom of Information ^{FS}	4				62,046
Hydrostratic Test ^{FS}	3				0
Semi-Annual (twice a year) ^{FS}	2				0
Total⁵	20	0	0	0	145,936

¹This is actually a count for the inspection type. A single inspection with two types will total as two not one.

²Cleared violations from re-inspections outside the date range ARE included if initial inspection falls within date range.

³One re-inspection can encompass multiple inspection types - this is why the re-inspection type-specific total is frequently greater than the # of inspections.

^{FS}Fire Safety Inspection.

⁵Filtering out portal inspections can cause violations cited to be less than violations cleared (violation cited count comes from both department and portal inspections, while violations cleared only come from department inspections).

PLYMOUTH TOWNSHIP FIRE DEPARTMENT



CPR CLASSES

OFFICE USE ONLY: SCAN&SEND COPY _____ ENTER ON CALENDAR _____

Available to Township based persons only.

DATE REQUEST MADE _____ ASSIGNED TO: Lieutenant Jeff Malkin

TRAINERS _____

TYPE OF PROGRAM: Heartsaver (CPR & AED) & First Aid PALS or BLS (Basic Life Support)

DATE OF PROGRAM: 12-15-21 TIME REQUIRED: 4 hrs.

ORGANIZATION: Nurse

LOCATION OF PROGRAM: FD Meeting Room

NUMBER OF PEOPLE EXPECTED: 1 AGE GROUP: _____

CONTACT PERSON: _____ PHONE # _____

Participants and phone numbers:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

AUTHORIZED BY: X Boak DATE: _____
FIRE CHIEF

=====

NUMBER PEOPLE PRESENT: _____ AMOUNT OF TIME REQUIRED: _____

IF THIS PROGRAM DID NOT TAKE PLACE. WHY NOT? _____

COMMENTS: _____ \$5.00 each -cards can be picked up (must show id)

PRESENTER'S NAME: _____ RETURN COMPLETED FORM TO FIRE CHIEF'S OFFICE

=====

Scheduling notes: This program for Plymouth Township residents and groups.

Small Groups -schedule to station covering home/business area.

1. Original to Chief for approval 2. Record on Fire Modules calendar 3. Scan and forward to Trainer

4. File original in notebook.

According to the Michigan Retention Schedule: Keep the completed copy for one year.

CPR-4-6 hrs, 3 to 6 students per instructor. 12 students per class.

Ratios 3:1 student per mannequin. Will need equipment to show video.

Check with Clerk for Twp Hall space available and reserve.



Memorandum

TO: Board of Trustees and Planning Commission
Charter Township of Plymouth, Michigan

FROM: Laura Haw, AICP, NCI

SUBJECT: Planning, Zoning, Design and Economic Development Report - December, 2021

DATE: January 2, 2021

McKenna provides day-to-day assistance to the Township, applicants, and the public regarding zoning, planning and economic development matters, including on-site office hours every morning and as-needed.

PLANNING, ZONING, DESIGN, & ECONOMIC DEVELOPMENT ACTIVITY

As part of our services to the Township, McKenna reviews Planning Commission applications and provides recommendations on long range planning, land use, zoning, and design. The following is a summary of current and ongoing developments; yellow highlighting indicates new updates for the month.

Planning & Zoning Active Projects		
PROJECT	BACKGROUND	STATUS / NEXT STEPS
#2312 <i>Ponds at Andover</i>	Residential development with 7 single-family, detached units, approved, with conditions, by the Board of Trustees on August 25, 2020.	Recording of the CHO Agreement and final stamp pending.
#2332 <i>Boleski Funeral Home</i>	Tentative site plan approval, with conditions, granted on March 18, 2021. 1-year extension request to expire on March 17, 2022.	Final site plan, with conditions, granted at the July 21, 2021 Planning Commission meeting. Revised plans submitted to the administrative review committee; under review.
#2346 <i>Phoenix Mill</i>	Redevelopment of the former Wayne County Road Yard, adjacent to Hines Park, into an office and event space.	Final site plan granted by the Planning Commission on May 19, 2021; final stamp under review.
#2355 <i>42480 Postiff</i>	Application for two additional professional office buildings. Final site plan approval, with conditions, was granted on March 18, 2020.	1-year extension, to expire on March 17, 2022.
#2377 <i>Home for Mom & Dad</i>	Application submitted for a 20-unit assisted living facility.	Tentative site plan approval granted at the February 17, 2021 Planning Commission meeting. Applicant to submit revised plans for final site plan – project on hold.



Planning & Zoning Active Projects

PROJECT	BACKGROUND	STATUS / NEXT STEPS
#2379 <i>Lot 23 - Metro Business Park</i>	Site plan consideration for a new ±38,000 SF office and industrial spec building. Tentative and final site plan approval, with conditions, granted at the January 20, 2021 Planning Commission meeting.	Final stamp pending.
#2380 <i>Lot 20 - Plymouth Oaks Business Park</i>	Site plan consideration for a new ±10,000 SF office and industrial spec building.	Final site plan granted by the Planning Commission on May 19, 2021. Final stamp pending.
#2385 <i>Lot 1 - Metro Business Park</i>	Site plan consideration for a new ±24,000 SF office and industrial spec building.	Tentative site plan approval, with conditions, granted at the March 17, 2021 Planning Commission meeting. Applicant to submit for final site plan consideration.
#2386 <i>Lot 14 - Metro Business Park</i>	Site plan consideration for a new ±26,000 SF office and industrial spec building.	Tentative site plan approval, with conditions, granted at the March 17, 2021 Planning Commission meeting. Applicant to submit for final site plan consideration.
#2387 <i>Lots 17-20 - Metro Business Park</i>	Site plan consideration for a new office and industrial spec building.	Tentative site plan approval, with conditions, granted at the April 21, 2021 Planning Commission meeting. Applicant to submit for final site plan.
#2393 <i>Frito Lay</i>	Site plan for a ±40,000 SF manufacturing addition to the existing facility.	Final site plan granted by the Planning Commission on May 19, 2021; final stamp pending.
#2394 <i>Pursell Place CHO</i>	Eight (8) unit residential subdivision at 46200 N. Territorial Road.	Planning Commission approved the site development plan on July 21, 2021; legal documents to be provided to the Twp. Attorney for review by the applicant, when ready.
#2398 <i>14200 N. Haggerty</i>	Parking lot expansion at Webasto.	Final stamp pending.
#2401 <i>9030 General Drive</i>	Minor building addition to an existing industrial facility.	Planning Commission granted final site plan approval on July 21, 2021. Applicant submitted to Engineering for final stamp and submitted plans to Planning on Dec. 27, 2021.
#2406 <i>PUD: Elks Redevelopment</i>	Planned Unit Development (PUD) request for the 30+ acres at the former Elk's Lodge into apartments, a club house, and townhomes.	Public hearing held at the October 20, 2021 Planning Commission meeting. Project postponed for up to 90 days to allow time for the applicant to revise the concept plan and represent to the Commission by January 19, 2022. Site Plan Submitted.
#2407 <i>47700 Halyard Drive</i>	Administrative review for landscaping enhancements and removal of a parking lot.	Final stamp issued: file closed.
#2408 <i>Wilcox Residential</i>	Land combination for several single-family residential parcels between Brentwood Drive and Wilcox Road.	Approved; file to be closed.



Planning & Zoning Active Projects

PROJECT	BACKGROUND	STATUS / NEXT STEPS
#2409 <i>Beacon Meadows HOA Sign</i>	Request for new entry improvements and signage for the Beacon Meadows subdivision on N. Territorial Road.	Approved by the Planning Commission at their October 20, 2021 meeting; final stamp issued, file to be closed.
#2410 <i>Plymouth Ridge Rezoning</i>	Request for the Planning Commission to re-hear a rezoning request at the former Northridge residential site.	Planning Commission postponed the agenda item for up to 90 days at their November 17, 2021 meeting.
#2411 <i>41661 Plymouth</i>	PUD Option request for the redevelopment of the former Courthouse Grille property into multiple-family residential.	Recommendation of approval to the Board of Trustees made at the November 17, 2021 Planning Commission meeting. The Board granted the Option at their December 14, 2021 meeting.
#2412 <i>SW Corner of Schoolcraft and Haggerty</i>	Special land use request for RV storage. Site plan for RV storage facility.	SLU approved at the November 17, 2021 Planning Commission meeting. File to be closed. Applicant submitted for site plan review on Dec. 17, 2021.
#2413 <i>40815 Ann Arbor</i>	ARC sign request for the proposed Chipotle restaurant.	Approved; final stamp pending.

RECOMMENDATIONS / MISCELLANEOUS PROJECTS

- **CSX Improvements.** CSX provided an update to the Township regarding the proposed improvements to the overpass on Ann Arbor Road; the Township administration met with CSX again on April 6, 2021 and had a productive meeting in the field; revised plans are being submitted to CSX.
- **Ann Arbor Road Traffic Signal Improvements.** The Township has been working with MDOT on the traffic flow and signalization along the Ann Arbor Road Corridor, from I-275 to the CSX bridge, to improve safety and access. Traffic studies are underway and discussions with MDOT continue.
- **I-275 Landscaping / Berming.** The Township met with MDOT regarding the I-275 interchange (as part of the larger I-275 roadway project) to create several berms within the 'cloverleaf' to offer additional noise buffers for the surrounding properties. These areas would be further landscaped, and the Township is also interested in exploring signage to create more of a gateway into the community.
- **Master Plan Update.** Phase 1 and 2 of the Plymouth Township Master Plan are complete. Phase 2 consisted of public engagement, with an online, community-wide survey where over 900 survey responses were collected. A presentation to the Board of Trustees was given on January 12, 2021 regarding the results of the public engagement survey. The Planning Commission discussed the draft Master Plan at a work session on April 10, 2021 and at the April 21, 2021 regular meeting, recommended the Master Plan update be sent to the Board of Trustees for authorization of the 63-day distribution and public comment period. The Board of Trustees authorized approval of the required 63-day distribution and public comment period on May 11, 2021.



- **Zoning Ordinance Text Amendments in Progress:**
 - Review of landscape standards (Article 26).
 - Review of subdivision gate standards.
 - Review of mixed-use districts.
 - Consideration for IND and TAR Districts to expressly permit office and other up and coming uses.
 - Township initiated rezoning of the Shearer Cemetery to the Public Lands district recommended; a public hearing to be considered at a future Planning Commission meeting. Text amendment consideration for municipal cemeteries to be designated as a permitted land use in the Public Land district.
- **Joint Board of Trustees and Planning Commission meeting.** A joint meeting was held on August 24, 2021; it was recommended that the Board of Trustees and Planning Commission have another joint meeting in January / February of 2022 and further discuss planning related items, including the vision for Cluster Housing Options.

If you have any questions on the above planning, zoning and design projects or would like additional information, please contact Laura Haw at Lhaw@mcka.com. Thank you.



Plymouth Twp. Police December 2021

PART-ONE CRIMES

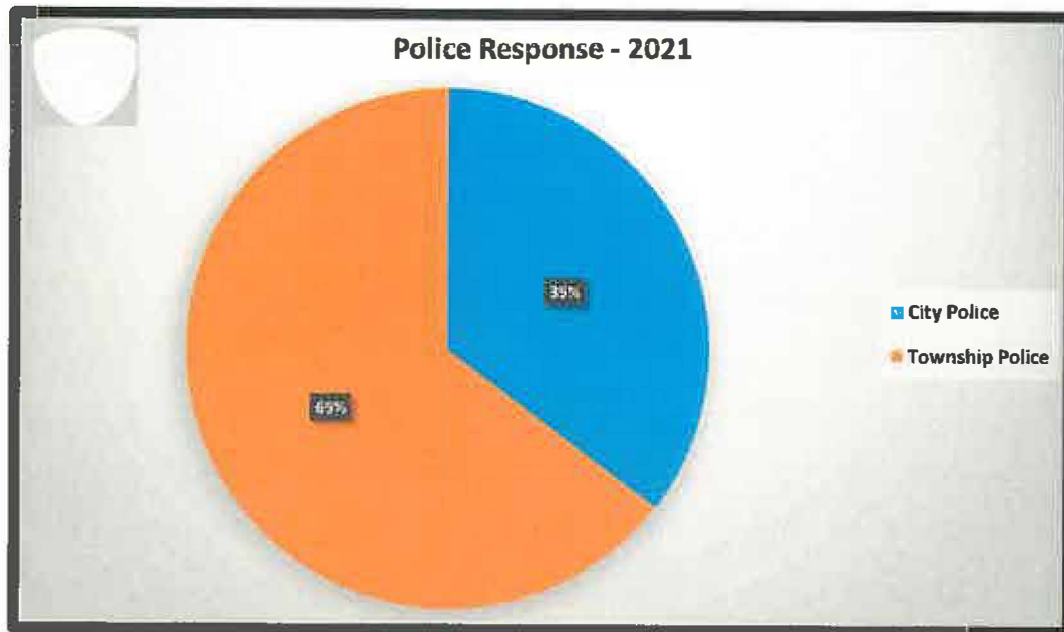
CLASS	Description	Dec/2021	Dec/2020	% CHG	YTD 2021	YTD 2020	% CHG
10001	KIDNAPPING/ABDUCTION	0	0	0%	1	0	100.0%
11001	SEXUAL PENETRATION PENIS/VAGINA -CSC 1ST DEGREE	0	0	0%	0	2	-100.0%
11002	SEXUAL PENETRATION PENIS/VAGINA -CSC 3RD DEGREE	0	0	0%	4	1	300.0%
11003	SEXUAL PENETRATION ORAL/ANAL -CSC 1ST DEGREE	1	0	0%	2	0	200.0%
11004	SEXUAL PENETRATION ORAL/ANAL -CSC 3RD DEGREE	0	0	0%	1	0	100.0%
11005	SEXUAL PENETRATION OBJECT -CSC 1ST DEGREE	0	0	0%	0	1	-100.0%
11006	SEXUAL PENETRATION OBJECT -CSC 3RD DEGREE	0	0	0%	0	1	-100.0%
11007	SEXUAL CONTACT FORCIBLE -CSC 2ND DEGREE	0	0	0%	2	2	0%
11008	SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	1	0	0%	2	0	200.0%
12000	ROBBERY	0	1	-100.0%	3	3	0%
13001	NONAGGRAVATED ASSAULT	7	3	133.3%	78	49	59.2%
13002	AGGRAVATED/FELONIOUS ASSAULT	0	1	-100.0%	14	5	180.0%
13003	INTIMIDATION/STALKING	1	1	0%	12	7	71.4%
20000	ARSON	0	0	0%	1	5	-80.0%
21000	EXTORTION	0	0	0%	4	1	300.0%
22001	BURGLARY -FORCED ENTRY	0	1	-100.0%	10	6	25.0%
22002	BURGLARY -ENTRY WITHOUT FORCE (Intent to Commit)	0	0	0%	5	4	25.0%
23003	LARCENY -THEFT FROM BUILDING	1	5	-80.0%	20	19	5.3%
23005	LARCENY -THEFT FROM MOTOR VEHICLE	1	3	-66.7%	27	21	28.6%
23006	LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCESSORIES	3	4	-25.0%	45	20	125.0%
23007	LARCENY -OTHER	1	1	0%	34	40	-15.0%
24001	MOTOR VEHICLE THEFT	1	1	0%	25	16	56.3%
24002	MOTOR VEHICLE, AS STOLEN PROPERTY	0	0	0%	2	0	200.0%
24003	MOTOR VEHICLE FRAUD	0	0	0%	0	1	-100.0%
25000	FORGERY/COUNTERFEITING	1	1	0%	2	3	-33.3%
26001	FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE	3	7	-57.1%	40	23	40.1%
26002	FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHINE	1	0	0%	9	3	200.0%
26005	FRAUD -WIRE FRAUD	0	0	0%	4	2	100.0%
26007	FRAUD - IDENTITY THEFT	1	2	-50.0%	43	68	-37.7%
27000	EMBEZZLEMENT	1	0	0%	1	3	-66.7%
28000	STOLEN PROPERTY	0	1	-100.0%	1	3	-66.7%
29000	DAMAGE TO PROPERTY	3	5	-40.0%	45	45	0%
30001	RETAIL FRAUD -MISREPRESENTATION	0	0	0%	1	1	0%
30002	RETAIL FRAUD -THEFT	2	2	0%	14	17	-17.6%
35001	VIOLATION OF CONTROLLED SUBSTANCE ACT	0	1	-100.0%	9	13	-30.8%
36002	NARCOTIC EQUIPMENT VIOLATIONS	0	0	0%	2	6	-66.7%
37000	OBSCENITY	0	0	0%	0	2	-100.0%
52001	WEAPONS OFFENSE- CONCEALED	0	0	0%	7	5	40.0%
52003	WEAPONS OFFENSE -OTHER	0	0	0%	3	1	200.0%
Totals for Part A		29	40	-27.50%	473	16.50%	

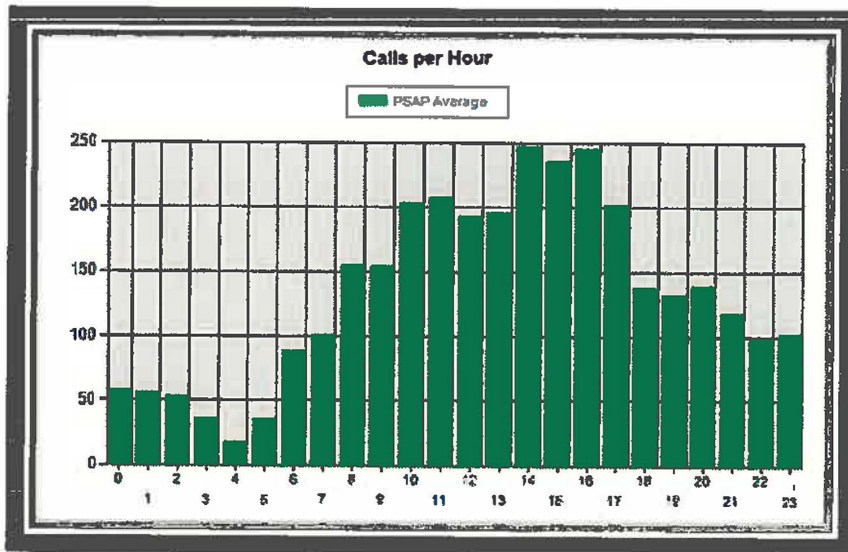
POLICE RESPONSE

2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	408	348	481	436	482	565	552	551	531	515	465	467	5,801
Township Police	750	765	953	854	866	916	950	924	1,018	956	890	801	10,643
Total	1,158	1,113	1,434	1,290	1,348	1,481	1,502	1,475	1,549	1,471	1,355	1,268	16,444

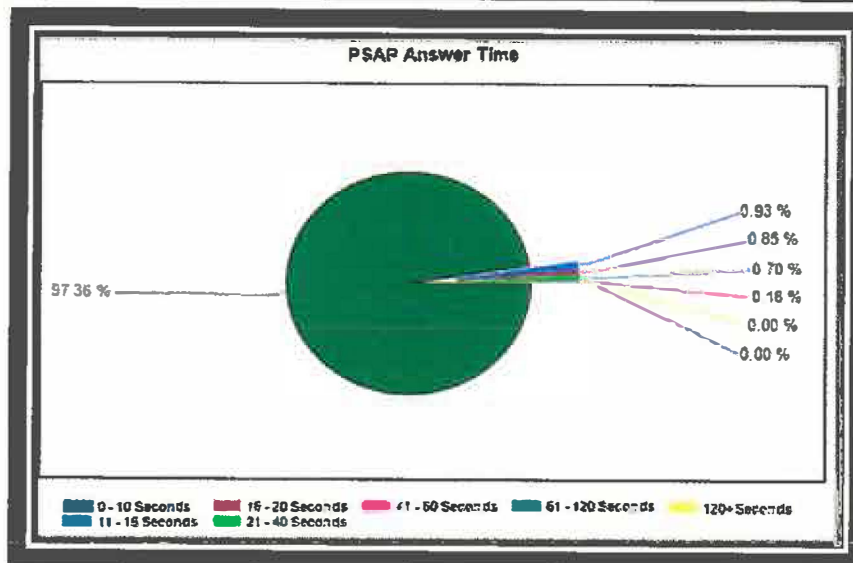
POLICE RESPONSE

2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	761	704	513	270	318	446	490	575	447	458	468	338	5,788
Township Police	1,254	1,151	854	438	548	732	939	1,088	896	801	659	666	10,026
Total	2,015	1,855	1,367	708	866	1,178	1,429	1,663	1,343	1,259	1,127	1,004	15,814





2021 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,014	981	805	716	1,151	1,254	1,472	1,538	1,448	1,246	1,159	1,172	13,936
# of Non-Emergency Calls	1,751	1,934	2,206	1,824	2,105	2,079	2,254	2,418	2,249	2,055	2,051	1,868	24,794
Total	2,766	2,896	3,011	2,540	3,256	3,333	3,726	3,966	3,697	3,301	3,210	3,040	38,730
2020 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,183	1,027	512	325	362	395	503	480	664	432	1,187	446	7,616
# of Non-Emergency Calls	2,310	2,222	2,184	1,896	2,095	2,253	2,421	2,545	2,295	2,109	2,055	1,835	26,220
Total	3,493	3,249	2,696	2,221	2,467	2,648	2,924	3,026	2,959	2,541	3,242	2,281	33,736



2.2.1 Standard for answering 9-1-1 Calls

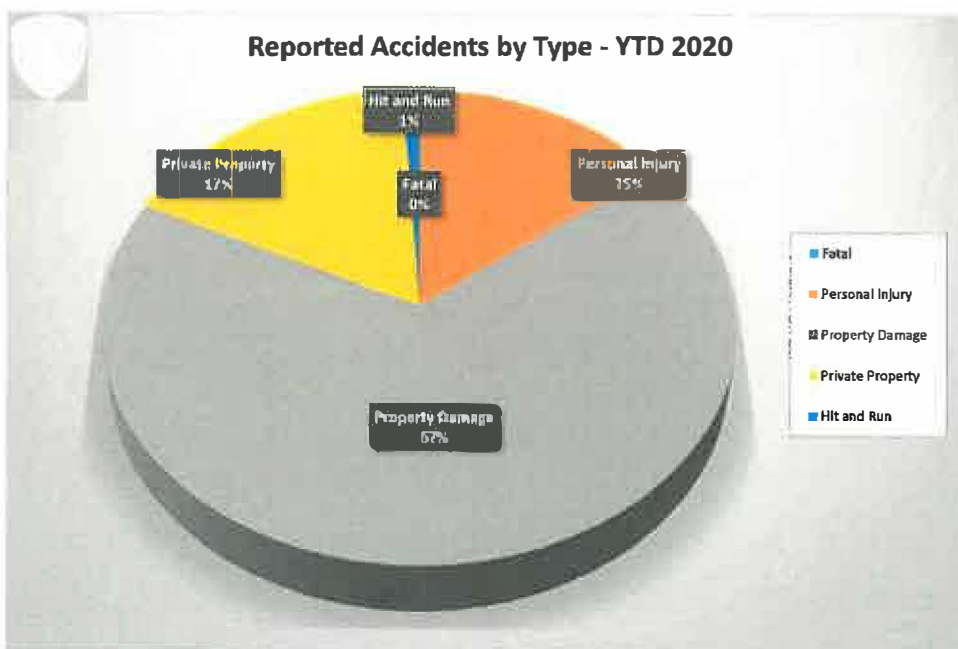
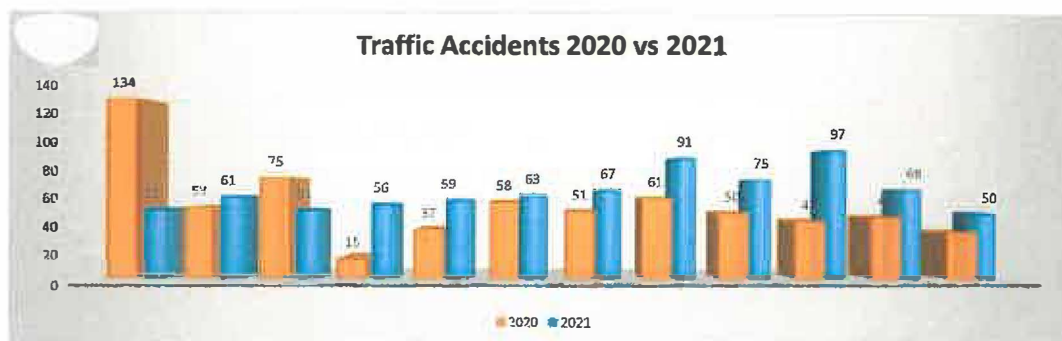
Ninety percent (90%) of all 9-1-1 calls arriving at the Public Safety Answering Point (PSAP) SHALL be answered within (\leq) fifteen (15) seconds. Ninety-five (95%) of all 9-1-1 calls SHOULD be answered within (\leq) twenty (20) seconds. A call flow diagram is available in Exhibit A.



% answer time 15 seconds	98.29%
% answer time 20 seconds	99.14%



TRAFFIC ACCIDENT SUMMARY													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	9	8	7	8	10	7	13	17	10	13	7	6	115
Property Damage	37	41	29	35	37	45	42	61	50	67	50	39	533
Private Property	0	10	15	13	12	11	12	12	15	17	11	5	133
Hit and Run	5	2	0	0	0	0	0	1	0	0	0	0	8
Total	51	61	51	56	59	63	67	91	75	97	68	50	789
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	66	12	36	1	6	12	13	16	15	8	6	4	195
Property Damage	56	40	29	9	20	32	33	35	32	28	37	28	379
Private Property	12	0	10	5	11	14	0	8	1	6	4	4	75
Hit and Run	0	1	0	0	0	0	5	2	2	2	0	0	12
Total	134	53	75	15	37	58	51	61	50	44	47	36	661



TRAFFIC VIOLATION SUMMARY

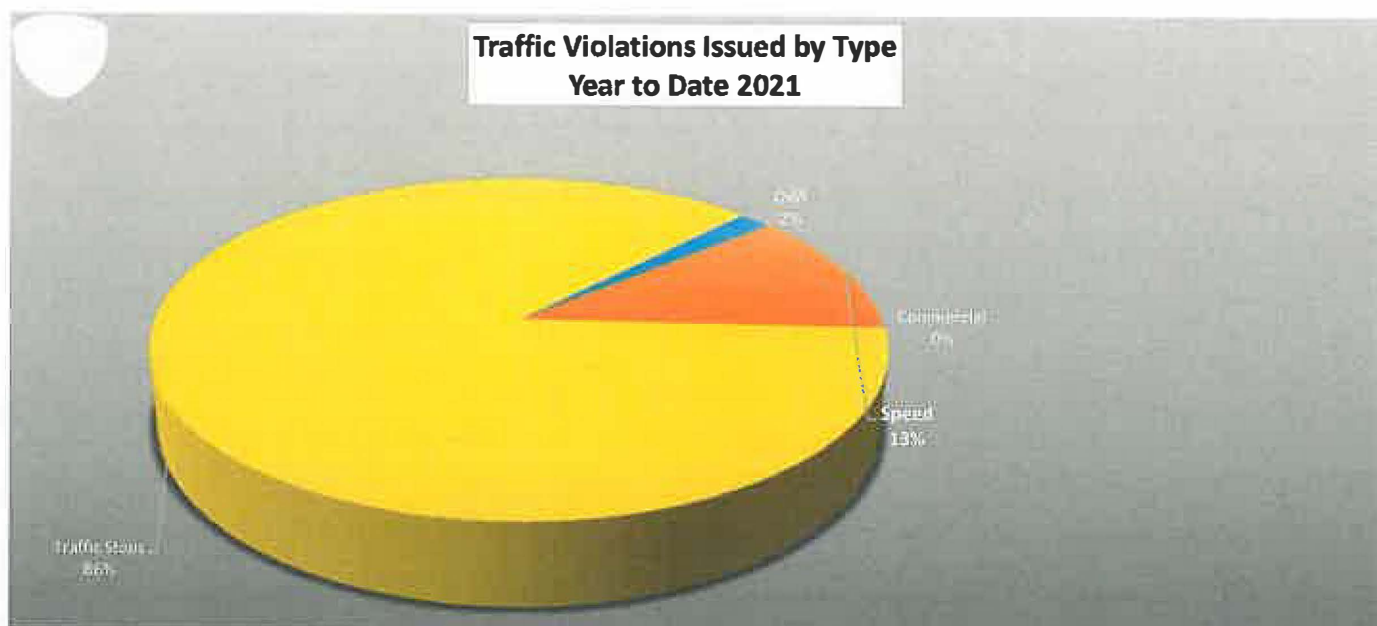
January 1, 2021 through December 31, 2021													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	3	3	4	4	3	4	2	3	13	3	7	8	57
Speed	45	16	40	35	30	21	34	25	35	40	42	21	384
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Traffic Stops	258	190	294	243	219	237	241	225	286	252	214	188	2,847

Number of Arrests													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	5	7	8	4	12	6	4	8	11	4	6	3	78
Misdemeanor	26	39	26	48	24	28	33	29	50	22	26	33	384
Citations	114	65	107	121	120	103	112	135	159	131	114	77	1,358
Total	145	111	141	173	156	137	149	172	220	157	146	113	1,820

January 1, 2020 through December 31, 2020													
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	6	6	2	0	3	0	5	12	1	5	3	6	49
Speed	59	65	49	1	2	2	56	67	50	13	3	15	382
Commercial	0	1	0	1	0	0	0	0	0	0	0	0	2
Traffic Stops	468	428	283	14	78	84	322	400	267	194	83	128	2,749

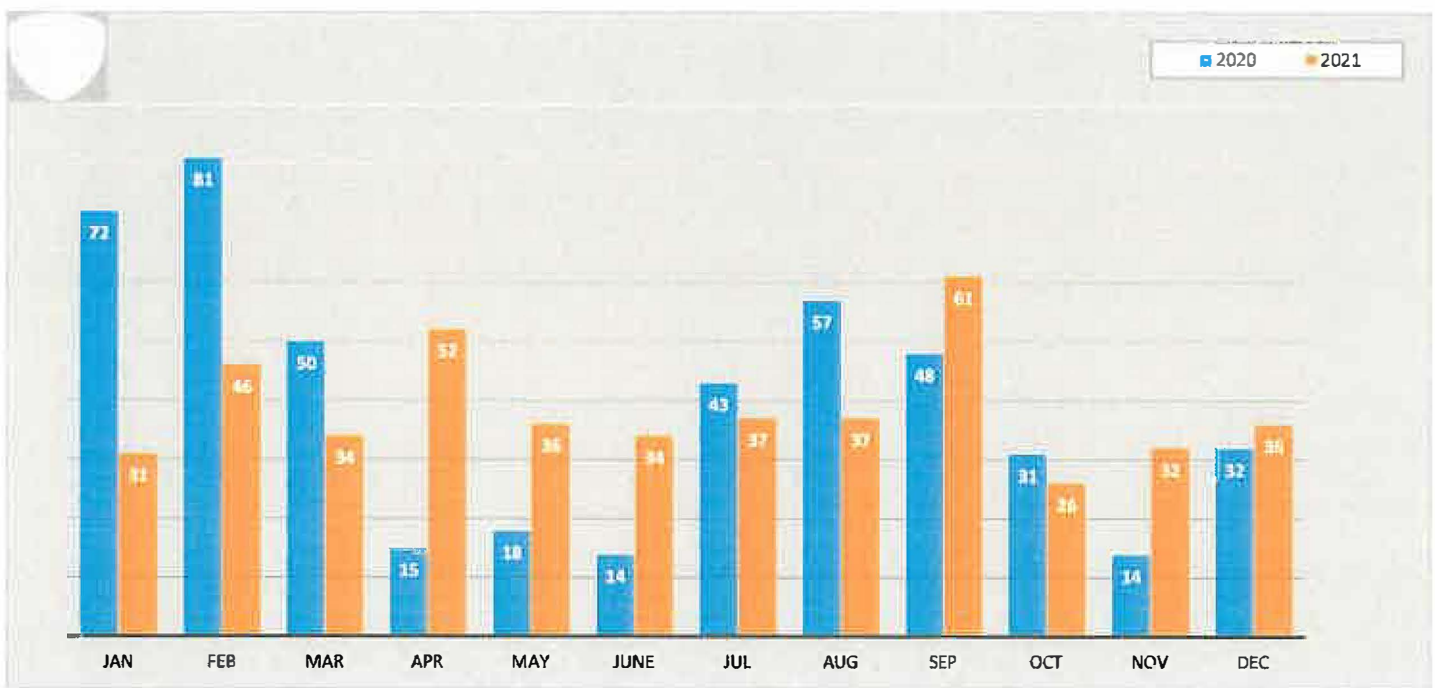
Number of Arrests													
2020	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	5	12	2	0	3	0	5	7	10	9	4	12	70
Misdemeanor	67	69	48	15	15	14	37	50	38	22	10	20	405
Citations	258	256	152	22	46	51	150	191	120	90	40	56	1,432
Total	330	337	202	37	64	65	193	248	168	121	54	88	1,907

**Traffic Violations Issued by Type
Year to Date 2021**



NUMBER OF ARRESTS

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
2021	31	46	34	52	36	34	37	37	61	26	32	36	462
2020	72	81	50	15	18	14	43	57	48	31	14	32	475



FOIA Monthly Report

Run Date: 01/03/2022 10:02 AM

Reference #	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W003285-120221	12/2/2021	Exemption Denial	Police Department	New School High	Business Manager Wendi Felgner	Police Records	0.00	
W003286-120221	12/2/2021	Exemption Denial	Police Department	New School High	Business Manager Wendi Felgner	Police Records	0.00	
W003292-120521	12/5/2021	Partial Release	Police Department		Director of School Safety and Security Joshua Meier	Police Records	0.00	
W003289-121321	12/13/2021	Partial Release	Police Department		MARANDA MEGISON	Police Records	0.00	
W003301-121421	12/14/2021	Full Release	Police Department	AUTO-OWNERS INSURANCE	JESSE TRUITT	Police Records	0.00	
W003303-121421	12/14/2021	Partial Release	Police Department	Plymouth Canton Community Schools	Mrs Amy Studenka	Police Records	0.00	
W003309-122721	12/27/2021	No Records Exist	Police Department	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	0.00	
W003293-120621	12/6/2021	Waiting for Payment	Police Department		REBEKAH GREENE	Police Records	2.30	
W003312-122821	12/27/2021	New Request	Police Department	Law Office of Julian J Poota, PLLC	Julian Poota	Police Records	0.00	
W003313-122921	12/29/2021	New Request	Police Department		Mrs Hilary Fletcher	Police Records	0.00	
W003310-122821	12/28/2021	Waiting for Payment	Police Department		Mr Nahdy Jarrous	Police Records	1.60	
W003288-120321	12/3/2021	Partial Release	Police Department		Jim Elias	Police Records	0.00	
W003289-120321	12/3/2021	Partial Release	Police Department		Erica Elias	Police Records	0.00	
W003294-120721	12/6/2021	Partial Release	Police Department		PINARA BLACK-SMITH	Police Records	0.00	
W003295-120721	12/7/2021	Partial Release	Police Department		ANTOINE SMITH	Police Records	0.00	
W003297-120921	12/9/2021	Partial Release	Police Department		KIMBERLY ERVIN	Police Records	0.00	
W003304-121521	12/14/2021	Partial Release	Police Department		PINARA BLACK-SMITH	Police Records	0.00	
W003305-121721	12/17/2021	Partial Release	Police Department	Stacer, PLC	Andrew Stacer	Police Records	0.00	
W003298-120921	12/9/2021	Partial Release	Police Department		DANIEL MORGAN	Police Records	0.00	
W003306-121921	12/19/2021	Waiting for Payment	Police Department	The Marcel S. Benavides Law Office	Mr Marcel Benavides	Police Records	0.00	
W003311-122821	12/28/2021	Cost Estimate Sent	Police Department	Canu Torrice Law	Peter Torrice	Police Records	0.00	
Total Requests: 21							3.90	Total Dollars: 0

PD

FOIA Monthly Report

Run Date: 01/01/2022 8:01 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
12/3/2021	Remine, Inc.	Miss Christy Hogue	Other	
12/2/2021	Intertek	Administrative Assistant Lisa Mote	Assessing Records Building Code of Ordinance Records Fire Report	
12/5/2021	Schenk & Bruetsch PLC	Partner Marc Deldin	Building Code of Ordinance Records Planning Zoning	
12/14/2021	Gift of Life Michigan	Angie Walton	EMS Report	
12/17/2021	U.S. Legal Support, Inc	Brian Boehne	EMS Report	
12/22/2021	PM Environmental	Staff Consultant David Balash	Environmental	
12/13/2021	AEI Consultants	Charles Montgomery	Building Environmental	
12/8/2021	The Warren Group	Christina Doucette	Assessing Records	
Total Requests: 8				Total Dollars: 0

BOARD DATE

1/11/2022

FUND NAME	FUND NUMBER	TOTAL INC PAYROLL	PAYROLL & INVOICES PAID PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	1,639,461.63	1,224,357.31	415,104.32
DRUG FORFEITURE	262	-	-	
DRUG FORFEITURE	265	-	-	
DRUG FORFEITURE	266	-	-	
IMPROV. REV.	446	-	-	
SENIOR TRANSPORTATION	588	10,611.96	9,934.53	677.43
WATER & SEWER	592	556,752.78	491,305.73	65,447.05
SWD	596	9,349.93	9,349.93	
TAX POOL	703	13,452.74	13,452.74	
POLICE BOND FUND	710	-	-	
SPECIAL ASSESS CAPITAL	805	-	-	
	TOTAL	2,229,629.04	1,748,400.24	481,228.80

GRAND TOTAL

2,229,629.04

D. J.

BR 1/5/22 Page 1/5

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

Advanced Satellite Communications		Invoice Amount:	\$105.00
SA-ALARM- - QTLY BILLING - 1/1/2022 -- 3/31/3		Check Date:	01/11/2022
101-265-801.000	SA-Alarm		50.04
101-301-801.000	SA-Alarm		32.24
101-336-801.000	SA-Alarm		13.42
592-536-801.000	SA-Alarm		9.30
Advanced Satellite Communications		Invoice Amount:	\$468.00
ASC -ACCESS SERVICE AGR - QTLY BILLING-SOC		Check Date:	01/11/2022
101-751-801.000	QTLY BILLING FOR SOCCER PARK #9055		468.00
CDW GOVERNMENT INC		Invoice Amount:	\$(320.90)
N684439 - CREDIT - RETURN APC BATTERY CA		Check Date:	01/11/2022
101-325-752.000	CREDIT - RETURN APC BATTERY CART #24		(320.90)
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$750.00
INV.#1902 ST. KENNETH ALARM PLAN REVIEW		Check Date:	01/11/2022
101-371-801.000	INV#1902 ST KENNETH ALARM REVIEW		750.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$380.00
INV.#1895 NATIVITY OF THE VIRGIN MARY PLA		Check Date:	01/11/2022
101-371-801.000	INV#1895 NATIVITY PLAN REVIEW		380.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$1,440.00
INV.#1903 HENRY FORD SPRINKLER PLAN REVIE		Check Date:	01/11/2022
101-371-801.000	INV#1903 HENRY FORD REVIEW		1,440.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$2,094.31
#7419462 12/15/21		Check Date:	01/11/2022
592-537-759.000	Fuel Tax Recap		10.72
592-537-759.000	Environmental Fee		9.95
592-537-759.000	GE87 GAS-ETHANOL		1,511.06
592-537-759.000	DYDLSMIX		562.58
EJ USA, INC.		Invoice Amount:	\$607.89
WATERMAIN VALVE REPAIR QUOTE#00471754		Check Date:	01/11/2022
592-537-757.000	8" MJ SSB SPLIT GLAND		75.36
592-537-757.000	8" MJ GKT 3/4X4 CORE BLU SET		292.28
592-537-757.000	12" MJ GKT 3/4X4 CORE BLU SET		240.25
EJ USA, INC.		Invoice Amount:	\$154.15
WATERMAIN VALVE REPAIR QUOTE#00471754		Check Date:	01/11/2022
592-537-757.000	12" MJ SSB SPLIT GLAND ASSEMBLY		154.15
ETNA SUPPLY		Invoice Amount:	\$2,115.00
#S104265430 10/19/21 CST BERGER MAGNA TR		Check Date:	01/11/2022
592-537-757.000	CST/BERGER 19-557 MAGNA TRAK MT102 W/S		2,115.00
FELLRATH, PATRICK		Invoice Amount:	\$88.48
MILEAGE REIMBURSEMENT DECEMBER 2021		Check Date:	01/11/2022
592-537-861.000	MILEAGE REIMBURSEMENT DECEMBER 2021		88.48
Ferguson Waterworks		Invoice Amount:	\$5,405.58
METER QUOTE BID DATE 12/7/21		Check Date:	01/11/2022
592-537-787.000	NED2F11RPEG11 1 T10 MTER PC USG X		2,293.68
592-537-787.000	NED2H11RPEG11 1.5 T10 MTR P/C USG X		3,111.90

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

Great Lakes Ace Hardware		Invoice Amount:	\$6.82
GREAT LAKES ACE HARDWARE INV # 7638/876		Check Date:	01/11/2022
101-751-757.000	INV. # 7636/876 (PARKS)		6.82
Great Lakes Ace Hardware		Invoice Amount:	\$2.66
GREAT LAKES ACE HARDWARE INV # 7638/876		Check Date:	01/11/2022
101-751-757.000	INV. # 7638/876 (PARKS)		2.66
GreatAmerica Financial Services		Invoice Amount:	\$452.58
ORIG FEE, STD PMT, FREIGHT, TRANS BILLING		Check Date:	01/11/2022
101-215-940.000	STD PMT		447.28
101-215-940.000	FREIGHT		5.30
Huntington National Bank		Invoice Amount:	\$211,912.00
HUNTINGTON CAPITAL IMPROVEMENT 101-0077		Check Date:	01/11/2022
101-905-991.000	PRINCIPAL -PARK		124,619.50
101-905-993.000	INTEREST - PARK		4,201.80
101-905-991.000	PRINCIPAL - FORMER GOLF NOW PARK		38,294.00
101-905-993.000	INTEREST - FORMER GOLF NOW PARK		1,291.17
592-906-300.000	Principal		42,086.50
592-906-993.000	Interest		1,419.03
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$175.00
QUARTERLY PEST CONTROL SENIOR CENTER		Check Date:	01/11/2022
101-673-823.000	QUARTERLY PEST CONTROL SENIOR CENTER		175.00
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$150.00
QUARTERLY PEST CONTROL TWP FIRE STATION		Check Date:	01/11/2022
101-336-823.000	QUARTERLY PEST CONTROL FIRE STATION 2		150.00
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$160.00
QUARTERLY PEST CONTROL TWP FIRE STATION		Check Date:	01/11/2022
101-336-823.000	QUARTERLY PEST CONTROL FIRE STATION 3		160.00
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$150.00
QUARTERLY PEST CONTROL TWP FIRE STATION		Check Date:	01/11/2022
101-336-823.000	QUARTERLY PEST CONTROL FIRE STATION 1		150.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$3,990.00
PROFESSIONAL SERVICES - NOVEMBER 2021- I		Check Date:	01/11/2022
101-701-803.000	10.50 - 1/2 DAY ON-SITE SERVICES		3,990.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$4,807.50
PROFESSIONAL SERVICES NOVEMBER 2021 - 90		Check Date:	01/11/2022
101-701-803.000	SEN. PLANNER (PREP & ATTEND MEEETINGS)		467.50
101-701-803.000	#2410 - PLY. RIDGE REZONING REV. 1		2,260.00
101-701-803.000	#2411 - 41661 PLYMOUTH RD PUD (CTHS GRL		1,005.00
101-701-803.000	#2412-SCHOOLCRAFT RD - SPEC. LAND USE		700.00
101-701-803.000	#2413-ARC SIGN (CHIPOTLE)		200.00
101-701-803.000	LANDSCAPE - BURROUGHS 41100 PLY RD		175.00
MICHIGAN MUNICIPAL RISK MGMT		Invoice Amount:	\$150,751.50
MMRMA POLICY # M0001041 INSTALLMENT #2		Check Date:	01/11/2022
101-272-955.000	#M0001041 - #2 FOR POLICY 7/1/21--7/1/22		150,751.50
MICHIGAN MUNICIPAL RISK MGMT		Invoice Amount:	\$37,500.00
MMRMA - INSTALLMENT #2 POLICY # R0001041		Check Date:	01/11/2022

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

	101-272-955.000	#R0001041 - #2- 7/1/2021 - 7/1/2022	37,500.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
UNIFORMS 12/10/21 #459714		Check Date:	01/11/2022
	592-537-767.000	12/10/21	84.35
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
UNIFORMS 12/17/21 #460133		Check Date:	01/11/2022
	592-537-767.000	12/17/21	84.35
NAPA Auto Parts		Invoice Amount:	\$47.21
#761166 12/20/21 TO REPAIR SMALL ENGINE E		Check Date:	01/11/2022
	592-537-931.000	PARTS	47.21
OBSERVER & ECCENTRIC NEWSPAPERS		Invoice Amount:	\$184.62
FIREARMS / WINTER TAXES/ WORLD STONE GR		Check Date:	01/11/2022
	101-215-901.000	FIREARMS NOT FOR SALES PD	54.30
	101-215-901.000	WINTER TAXES	54.30
	101-215-901.000	WORLD STONE GROUP	76.02
OFFICE DEPOT		Invoice Amount:	\$27.89
DEC 2021 SUPPLIES		Check Date:	01/11/2022
	101-228-752.000	POST IT NOTES	27.89
OFFICE DEPOT		Invoice Amount:	\$25.56
DEC 2021 SUPPLIES		Check Date:	01/11/2022
	592-536-752.000	AVERY DIVIDERS	25.56
OFFICE DEPOT		Invoice Amount:	\$213.29
DEC 2021 SUPPLIES		Check Date:	01/11/2022
	592-536-752.000	MONTHLY DESK CALENDAR	9.59
	101-751-752.000	DESK CALENDAR	4.79
	101-228-752.000	BATTERIES AA	13.51
	101-751-752.000	PAPER	38.93
	101-228-752.000	PAPER	7.42
	101-701-752.000	PAPER	27.81
	592-536-752.000	PAPER	111.24
OFFICE DEPOT		Invoice Amount:	\$91.14
OFFICE SUPPLIES		Check Date:	01/11/2022
	592-536-752.000	MONTHLY CALENDAR	15.19
	592-536-752.000	DESK CALENDAR	75.95
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$3,344.56
SENIOR TRANSPORTATION - NOVEMBER 2021		Check Date:	01/11/2022
	101-673-860.000	SENIOR TRANS 11/21	3,344.56
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$4,664.87
COMERICA BANK - TWP CREDIT CARDS - NOV. 2		Check Date:	01/11/2022
	101-325-752.000	BROTHERS-INKPAD-LITTLE FREE LIBRARY	13.65
	101-301-958.000	BROTHERS-DUNKIN-CHAPLAIN TRAINING AT P	32.43
	101-751-931.000	ANDERSON-HD-INDUSTRIAL HAND SOAP	38.90
	592-536-757.000	FELLRATH-AMAZO-OTTER BOX FOR TWP PHON	42.32
	101-265-757.000	HAACK-LIGHTING SUPPLY- BULBS-ELEVATOR	76.33
	101-301-757.000	HAACK-LIGHTING SUPPLY-BULBS-PD	17.85
	101-336-757.000	HAACK-LIGHTING SUPPLY-FS #1	198.00
	101-301-822.000	HAACK-CAROUSEL CARPET CLEANING	518.00
	101-673-757.000	PACKET PAPER COFFEE MACH. & ACCES. SENIO	320.49

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

101-325-775.000	HAACK-SAM'S-SUPPLIES FOR DISPATCH	29.84
101-325-757.000	HAACK-SAM'S SUPPLIES FOR DISPATCH	41.54
101-265-757.000	HAACK-SAM'S-SUPPLIES FOR TWP GROUNDS	65.69
592-537-757.000	HAACK-HD-SUPPLIES FOR DPW	160.52
101-673-775.000	HAACK-DOLLAR TREE-AIR FRESHENERS SENI	12.72
101-673-757.000	HAACK-HD-ANCHOR KIT FOR SOAP DIS.-SENI	28.95
101-371-767.000	HAACK-CABELA WIN. CLOTH. PER TPOAM-WAS	208.99
101-265-767.000	HAACK-CABELA-WIN CLOTH PER TPOAM-HAAC	159.98
592-537-757.000	HAMANN-HD-PLYWOOD/ANTI-FREEZE/WRENC	145.13
592-537-757.000	HAMANN-HD-2" COUPLING CORDS, TAPE	71.69
592-537-757.000	HAMANN-HD-SHOP SUPPLIES	264.72
592-537-863.000	HAMANN(MELOW)-GLASS DR-BACK WINDOW	279.00
592-537-757.000	HAMANN-HD-CUT OFF DISCS, BOLTS (HYDRAN	68.94
592-537-757.000	HAMANN-HD-SUPPLIES MISC	247.86
101-171-791.000	HEISE-CRAINS - NOV 2021	15.00
588-596-757.000	HEISE-SUPPLIES/GRANT FUND/PER GM(SENIO	677.43
101-171-791.000	HEISE-CRAINS - DEC. 2021	15.00
101-261-852.000	HEISE-CONSTANT CONTACT - NOV. 2021	70.00
101-228-752.000	JANKS-AMAZON PRIME-NOV.	12.99
101-261-831.000	JANKS-ZOOM- NOV. 2021	154.99
101-228-752.000	JANKS-AMAZON-SHREDDER	229.42
101-101-859.000	JANKS-WIRELESS MOUSE (AMAZON)	17.99
101-228-752.000	JANKS-USB ADAPTERS (AMAZON)	37.23
101-371-752.000	MAC DONALD-FEDEX-MAP LAMINATING	218.38
101-371-752.000	MAC DONALD-OFFICE SUPPLIES - BLDG DEPT	15.00
101-371-752.000	MAC DONALD - PLAN COPIES FOR JANIT. BID	15.90
101-325-957.000	BROTHERS - NENA	142.00

SEHI COMPUTER PRODUCTS

HP PRINTER TONER

101-215-752.000	HP 26X HIGH YIELD BLK TONER	147.17
101-215-752.000	HP 37A TONER	155.12
101-215-752.000	HP 87X TONER	217.61

Invoice Amount:

\$519.90

Check Date:

01/11/2022

Superior Excavating, Inc.

WATERMAIN REPAIR 46029 FIVE MILE

592-537-938.000	WATERMAIN REPAIR 46029 FIVE MILE	8,737.50
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Invoice Amount:

\$8,737.50

Check Date:

01/11/2022

USA BLUEBOOK

HYDRANT FLOW TEST KIT 100 & 200 PSI #8175

592-537-757.000	HYDRANT FLOW TEST KIT 100 & 200 PSI	703.94
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Invoice Amount:

\$703.94

Check Date:

01/11/2022

WAYNE COUNTY

10/2021TRAFFIC SIGNAL ENERGY INVOICE # 10

101-441-923.000	10/2021 TRAFFIC SIGNAL ENERGY # 1010862	226.40
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Invoice Amount:

\$226.40

Check Date:

01/11/2022

WAYNE COUNTY

11/2021TRAFFIC SIGNAL ENERGY INVOICE # 10

101-441-923.000	11/2021 TRAFFIC SIGNAL ENERGY # 1010903	226.40
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Invoice Amount:

\$226.40

Check Date:

01/11/2022

WCA ASSESSING

APPRAISAL SERVICES RENDERED - JANUARY 202

101-257-801.000	Appraisal Services Rendered (Contract)	26,442.83
101-257-801.000	Co-Star Services	156.67

Invoice Amount:

\$26,599.50

Check Date:

01/11/2022

WAYNE COUNTY CLERKS - ASSOCIATION

2022 Membership Dues

101-215-957.000	Membership Dues - J Vorva	100.00
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Invoice Amount:

\$300.00

Check Date:

01/11/2022

**Charter Township of Plymouth
AP Invoice Listing - Board Report**

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VENDOR INFORMATION

INVOICE INFORMATION

	101-215-957.000	Membership Dues - P. Jefferson	100.00
	101-215-957.000	MEEMBERSHIP DUES - D TERRELL	100.00
Crane Technologies		Invoice Amount:	\$291.75
ANNUAL INSPECTION OF 1 CRANE		Check Date:	01/11/2022
	592-537-931.000	LABOR TRAVEL AND MANLIFT	291.75
SARAH J. RABINA		Invoice Amount:	\$110.00
PE21-0326 PERMIT REFUND		Check Date:	01/11/2022
	101-371-964.000	PE21-0326 PERMIT REFUND	110.00
CENTERLINE ELECTRIC		Invoice Amount:	\$11,400.00
PE21-0276 PARTIAL PERMIT REFUND CENTERLIN		Check Date:	01/11/2022
	101-371-964.000	PE21-0276 PARTIAL PERMIT REFUND	11,400.00
Total Amount to be Disbursed:			\$481,228.80

Charter Township of Plymouth AP Invoice Listing - Board Report

Weekly Page: 1/8/22

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 12-31-2021 P

101-000-239.000

457 CONT. PRE-TAX

101-000-239.000

457 CONT. ROTH POST-TAX

Invoice Amount:

\$20,633.12

Check Date:

01/05/2022

19,908.40

724.72

ALERUS FINANCIAL

MERS-DC FT EMPLOYEE CONTRIBUTIONS-12-31-

101-000-238.000

MERS EMPLOYEE PRE TAX

101-000-238.000

MERS EMPLOYEE POST TAX

101-000-238.000

LOANS

Invoice Amount:

\$8,787.77

Check Date:

01/05/2022

7,599.25

714.85

473.67

ALERUS FINANCIAL

MERS - DC FT EMPL. -- EMPLOYER CONT.. 12-31-

101-171-716.000

SUPERVISOR'S OFFICE

101-228-716.000

IT DIRECTOR

101-215-716.000

CLERK'S OFFICE

101-253-716.000

TREASURER'S OFFICE

101-265-716.000

TWP BUILDING & GROUNDS

101-301-716.000

PD DEPT.

101-325-716.000

DISPATCH DEPT.

101-336-716.000

FIRE DEPT

101-371-716.000

BUILDING DEPT.

596-528-716.000

SOLID WASTE DEPT.

588-596-716.000

SENIOR TRANS

592-536-716.000

PUBLIC SERVICES

592-537-716.000

DPW

101-262-716.000

ELECTIONS

101-191-716.000

FINANCE DEPT

101-351-716.000

JAIL (RECORDS/FOIA)

101-171-716.000

FORFEITURE- SUPERVISOR'S OFFICE

101-191-716.000

FORFEITURE - FINANCE DEPT.

101-215-716.000

FORFEITURE - CLERKS OFFICE

101-228-716.000

FORFEITURE - IT DEPT.

101-253-716.000

FORFEITURE - TREASURERS OFFICE

101-262-716.000

FORFEITURE - ELECTIONS DEPT.

101-265-716.000

FORFEITURE - BLDG & GROUNDS

101-301-716.000

FORFEITURE - POLICE DEPT

101-325-716.000

FORFEITURE - DISPATCH DEPT

101-336-716.000

FORFEITURE - FIRE DEPT

101-351-716.000

FORFEITURE - JAIL (RECORDS/FOIA)

101-371-716.000

FORFEITURE - BUILDING DEPT

588-596-716.000

FORFEITURE - SENIOR TRANS

592-536-716.000

FORFEITURE - PUBLIC SERVICES

592-537-716.000

FORFEITURE - DPW

596-528-716.000

FORFEITURE - SOLID WASTE

Invoice Amount:

\$27,208.12

Check Date:

01/05/2022

1,032.04

600.77

1,334.35

1,263.25

273.84

5,775.99

2,236.57

6,482.70

1,315.34

340.09

245.91

887.07

3,866.25

322.88

925.80

313.56

(0.31)

(0.28)

(0.41)

(0.18)

(0.38)

(0.10)

(0.08)

(1.76)

(0.68)

(1.97)

(0.10)

(0.40)

(0.07)

(0.27)

(1.20)

(0.10)

AT & T

AT&T - TELEPHONE ALLOCATION DECEMBER 202

101-228-850.000

INFORMATION SERVICES

101-257-850.000

ASSESSING

101-371-850.000

BUILDING

101-336-850.000

FIRE

101-301-850.000

POLICE

101-171-850.000

SUPERVISOR

101-253-850.000

TREASURER

101-215-850.000

CLERK

101-701-850.000

COMMUNITY DEVELOPMENT

101-325-850.000

DISPATCH

Invoice Amount:

\$941.40

Check Date:

01/05/2022

64.38

38.44

107.15

159.73

171.36

100.18

85.47

32.95

39.88

64.46

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

101-673-850.000	WATER/SEWER (UTIL) (FS)	15.31
101-751-850.000	PARK	11.99
592-536-850.000	GEN EXPENSE TEL	23.73
596-528-850.000	SOLID WASTE	9.40
101-191-850.000	FINANCE	16.97

A T & T

NOVEMBER 2021 PAYMENT - ACCT. 734-453-446.

Invoice Amount: \$250.74
Check Date: 01/05/2022

101-336-850.000	Fire	85.25
101-673-850.000	Twp. Hall	20.06
101-751-850.000	Parks	20.06
592-537-850.000	DPW	125.37

A T & T

AT&T - TELEPHONE/INTERENET ALLOC -- NOVE

Invoice Amount: \$1,302.40
Check Date: 01/05/2022

101-228-852.000	INFORMATION SERVICES	89.06
101-257-852.000	ASSESSING	53.18
101-371-852.000	BUILDING	148.24
101-336-852.000	FIRE	220.98
101-301-852.000	POLICE	237.07
101-171-852.000	SUPERVISOR	138.59
101-253-852.000	TREASURER	118.24
101-215-852.000	CLERK	45.58
101-701-852.000	COMMUNITY DEVELOPMENT	55.18
101-325-852.000	DISPATCH	89.18
101-673-852.000	PCCA	21.18
101-751-852.000	PARK	16.59
592-536-852.000	GEN EXPENSE TEL	32.82
596-528-852.000	SOLID WASTE	13.03
101-191-852.000	FINANCE	23.48

BUONO, DUANE

INSPECTOR PAY MECHANICAL DECEMBER 2021

Invoice Amount: \$5,469.75
Check Date: 01/05/2022

101-371-801.000	MECHANICAL INSPECTOR PAY DECEMBER 202	5,469.75
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CBTS TECHNOLOGY SOLUTIONS LLC

CBTS PHONE SERVICES 11/20/21 TO 12/19/2021

Invoice Amount: \$2,441.62
Check Date: 01/05/2022

101-101-850.000	TOWNSHIP BOARD	25.78
101-171-850.000	SUPERVISOR	124.34
101-228-850.000	INFORMATION SYSTEMS	78.52
101-257-850.000	ASSESSING	86.39
101-215-850.000	CLERK	166.06
101-253-850.000	TREASURY	86.38
101-261-850.000	GEN. OP. - EXC RM	21.33
101-262-850.000	ELECTIONS	33.01
101-265-850.000	BUILDING AND GROUNDS	16.78
101-673-850.000	SENIOR SERVICES	16.76
101-301-850.000	POLICE	541.74
101-325-850.000	DISPATCH	300.56
101-351-850.000	JAIL/CORRECTIONS	17.27
101-336-850.000	FIRE/TWP. HALL	523.62
101-371-850.000	BUILDING	133.05
101-751-850.000	PARKS & REC	12.50
101-701-850.000	PLANNING	16.78
596-528-850.000	SOLID WASTE	19.21
588-596-850.000	SR. TRANSPORTATION	37.50
592-536-850.000	WATER & SEWER	119.45
101-191-850.000	FINANCE/ACCOUNTING	64.59

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INVOICE INFORMATION

COMCAST			Invoice Amount:	\$233.37
SENIOR CENTER INTERNET - DECEMBER 2021 --			Check Date:	01/05/2022
	101-673-852.000	Senior Ctr Internet		219.37
	588-596-852.000	Senior Trans Internet		14.00
COMCAST			Invoice Amount:	\$168.35
INTERNET - DECEMBER 2021	A		Check Date:	01/05/2022
	101-261-852.000	DECEMBER 2021 INTERNET (GEN)		168.35
COMCAST			Invoice Amount:	\$131.90
COMCAST HIGH SPEED INTERNET JAN. 2022 - 99			Check Date:	01/05/2022
	101-261-852.000	HIGH SPEED INTERNET - 1/22		131.90
COMCAST			Invoice Amount:	\$176.88
HIGH SPEED INTERNET - TOWNSHIP PARK JANU			Check Date:	01/05/2022
	101-751-852.000	TWP PARK PAV INTERNET		176.88
COMCAST			Invoice Amount:	\$148.35
INTERNET PORT STREET - JANUARY 2022 - ACC			Check Date:	01/05/2022
	592-537-852.000	INTERNET - PORT STREET		148.35
COMCAST			Invoice Amount:	\$228.29
FIRE INTERNET STATION 2 -JANUARY 2022 ACC			Check Date:	01/05/2022
	101-336-852.000	JANUARY 2022 FIRE INTERNET STA #2		228.29
DTE ENERGY			Invoice Amount:	\$391.39
BASEBALL DIAMONDS NOVEMBER 2021 -- 9100-1			Check Date:	01/05/2022
	101-751-920.000	BASEBALL DIAMONDS 11/21		391.39
DTE ENERGY			Invoice Amount:	\$41.87
FS # 2 SERVICE-DEC. 2021- 9200-013-7823-0 -			Check Date:	01/05/2022
	101-336-920.000	FS #2 ELECTRIC SERVICE 12/21		41.87
DTE ENERGY			Invoice Amount:	\$19.36
DTE SERVICE MILLER PARK DECEMBER 2021 - 91			Check Date:	01/05/2022
	101-751-920.000	MILLER PARK ELECTRIC DECEMBER 2021		19.36
HEILEMAN, JAMES			Invoice Amount:	\$7,463.75
INSPECTOR PAY ELECTRICAL DECEMBER 2021			Check Date:	01/05/2022
	101-371-801.000	ELECTRICAL INSPECTOR PAY DECEMBER 2021		7,463.75
HONKE, ANITA			Invoice Amount:	\$170.10
MEDICARE PART B - JANUARY 2022			Check Date:	01/05/2022
	101-336-875.000	MEDICARE PART B JANUARY 2022		170.10
KNUPP, LINDA			Invoice Amount:	\$170.10
MEDICARE - PART B -JANUARY 2022- LINDA KNU			Check Date:	01/05/2022
	101-336-875.000	MEDICARE - PART B -JANUARY 2022		170.10
M E R S			Invoice Amount:	\$159,034.79
MERS - DECEMBER 2021 EMPLOYEE AND EMPLO			Check Date:	01/05/2022
	101-000-245.301	COAM - EMPLOYEE CONTRIB.		3,550.86
	101-000-245.301	POAM-EMPLOYEE CONTRIB.		13,536.64
	101-000-245.336	FIRE - EMPLOYEE CONTRIN.		12,449.03
	101-000-245.325	DISPATCH - EMPLOYEE CONTRIB		4,695.69
	101-301-715.000	COAM - EMPLOYER CONTRIB		28,528.57

Charter Township of Plymouth

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	101-301-715.000	POAM - EMPLOYER CONTRIB	31,286.00
	101-336-715.000	FIRE - EMPLOYER CONTRIB	54,468.00
	101-325-715.000	DISPATCH - EMPLOYER CONTRIB	10,458.00
	101-336-715.000	FIRE CHIEF ACCT - EMPLOYER CONTRIB	62.00
MAAS, CARLAS		Invoice Amount:	\$188.00
MEDICARE PART B JANUARY 2022		Check Date:	01/05/2022
	101-336-875.000	MEDICARE PART B -JANUARY 2022	188.00
MUNSON, STEVE		Invoice Amount:	\$2,439.25
INSPECTOR PAY PLUMBING DECEMBER 2021		Check Date:	01/05/2022
	101-371-801.000	PLUMBING INSPECTOR PAY DECEMBER 2021	2,439.25
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$188.79
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.017	BSUE20-0001	188.79
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$94.40
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.020	BPLE21-0001 - PB21-0950	94.40
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$94.40
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.016	BE20-0008	94.40
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$2,123.26
PLYMOUTH TOWNSHIP - WATER/SEWER DEC. 2		Check Date:	01/05/2022
	101-171-922.000	SUPERVISOR	20.85
	101-228-922.000	INFO SERVICES	17.59
	101-257-922.000	ASSESSORS	7.17
	101-215-922.000	CLERK	29.79
	101-253-922.000	TREASURER	10.75
	101-673-922.000	BUILDING-SENIOR SERVICES	59.55
	101-301-922.000	POLICE	90.56
	101-325-922.000	DISPATCH	33.88
	101-351-922.000	LOCK UP	27.69
	101-336-922.000	FIRE	856.56
	101-371-922.000	BUILDING	25.74
	101-701-922.000	PLANNING	1.95
	101-751-922.000	PARK	446.59
	596-528-922.000	SOLID WASTE	0.98
	592-536-922.000	ADM/GEN EXPENSE	29.65
	592-537-922.000	POWER & PUMPING	203.25
	588-596-922.000	FRIENDSHIP STATION	3.74
	101-265-922.000	BUILDING	0.65
	592-537-922.000	WATER FLUSHING	244.74
	101-191-922.000	FINANCE DEPT.	11.58
SIMPLIFILE, LC		Invoice Amount:	\$36.25
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.018	BBD21-0043	36.25
VERIZON WIRELESS		Invoice Amount:	\$1,551.44
JANUARY 2022-- WIRELESS BILLING ACCT #1 - 5		Check Date:	01/05/2022
	592-537-850.000	DPW WIRELESS DEVICES	98.65
	101-228-850.000	INFO SERVICES WIRELESS DEVICES	59.22
	101-336-850.000	FIRE WIRELESS DEVICES	89.23
	101-751-850.000	PARK FOREMAN WIRELESS DEVICE	49.22

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VENDOR INFORMATION

INVOICE INFORMATION

	101-253-850.000	TREASURER WIRELESS SERVICE	49.22
	101-301-850.000	POLICE DEPT. WIRELESS SERVICE	1,038.33
	101-371-850.000	BUILDING DEPT. WIRELESS SERVICES	117.83
	101-265-850.000	TWP. HALL	49.74
VERIZON WIRELESS		Invoice Amount:	\$82.33
VERIZON - CELL PHONES FOR PARK & FIRE (ACC		Check Date:	01/05/2022
	101-751-850.000	PARK CELL PHONE	40.01
	101-336-850.000	FIRE - (LIFEPAKES)	42.32
SCHULTZ, JOHN - KENDALL		Invoice Amount:	\$28.75
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.018	BBD21-0043	28.75
Siwek Construction		Invoice Amount:	\$1,590.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.019	BBD21-0041 - PB21-0907	1,590.00
Varady Associates Inc		Invoice Amount:	\$2,520.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.019	BBD21-0048 - PB21-0979	2,520.00
DARA LLC		Invoice Amount:	\$2,250.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.019	BBD21-0047 - PB21-1022	2,250.00
Pulte Group		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.001	BP20-0027 - PB20-0635	1,500.00
Pulte Group		Invoice Amount:	\$6,000.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.010	BTCO21-0008 - PB20-0635	6,000.00
Starbucks Coffee		Invoice Amount:	\$1,770.00
BD Bond Refund		Check Date:	01/05/2022
	101-371-283.003	BP21-0112 - PB21-0900	1,770.00
Total Amount to be Disbursed:			\$257,870.29

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

A T & T LONG DISTANCE

LONG DISTANCE ALLOCATION NOVEMBER 2021

Invoice Amount:	\$1.18
Check Date:	12/21/2021
101-228-850.000	-INFO SERVICES 0.08
101-257-850.000	ASSESSING 0.05
101-371-850.000	BUILDING 0.13
101-336-850.000	FIRE 0.20
101-171-850.000	SUPERVISOR 0.13
101-253-850.000	TREASURER 0.11
101-215-850.000	CLERK 0.04
101-701-850.000	COMMUNITY DEVELOPMENT (PLANNING) 0.05
101-325-850.000	DISPATCH 0.08
101-673-850.000	TOWNSHIP HALL 0.02
101-751-850.000	PARK 0.02
592-536-850.000	DPW 0.03
101-301-850.000	POLICE 0.21
596-528-850.000	SOLID WASTE 0.01
101-191-850.000	FINANCE 0.02

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 12-17-2021 P

Invoice Amount:	\$22,333.44
Check Date:	12/21/2021
101-000-239.000	457 CONT. ROTH POST-TAX 712.17
101-000-239.000	457 CONT. PRE-TAX 21,621.27

ALERUS FINANCIAL

MERS-DC FT EMPLOYEE CONTRIBUTIONS-12-17-

Invoice Amount:	\$8,771.49
Check Date:	12/21/2021
101-000-238.000	LOANS 473.67
101-000-238.000	MERS EMPLOYEE POST TAX 714.85
101-000-238.000	MERS EMPLOYEE PRE TAX 7,582.97

ALERUS FINANCIAL

MERS - DC FT EMPL. -- EMPLOYER CONT., 12-17-

Invoice Amount:	\$7,953.41
Check Date:	12/21/2021
101-215-716.000	FORFEITURE - CLERKS OFFICE (943.66)
101-228-716.000	FORFEITURE - IT DEPT. (424.87)
101-253-716.000	FORFEITURE - TREASURERS OFFICE (893.37)
101-262-716.000	FORFEITURE - ELECTIONS DEPT. (228.34)
101-265-716.000	FORFEITURE - BLDG & GROUNDS (193.66)
101-301-716.000	FORFEITURE - POLICE DEPT (4,070.36)
101-325-716.000	FORFEITURE - DISPATCH DEPT (1,558.71)
101-336-716.000	FORFEITURE - FIRE DEPT (4,584.58)
101-351-716.000	FORFEITURE - JAIL (RECORDS/FOIA) (221.75)
101-371-716.000	FORFEITURE - BUILDING DEPT (930.21)
588-596-716.000	FORFEITURE - SENIOR TRANS (173.91)
592-536-716.000	FORFEITURE - PUBLIC SERVICES (627.34)
592-537-716.000	FORFEITURE - DPW (2,734.22)
596-528-716.000	FORFEITURE - SOLID WASTE (240.50)
101-191-716.000	FORFEITURE - FINANCE DEPT. (654.73)
101-171-716.000	FORFEITURE- SUPERVISOR'S OFFICE (729.86)
101-351-716.000	JAIL (RECORDS/FOIA) 313.56
101-191-716.000	FINANCE DEPT 925.80
101-262-716.000	ELECTIONS 322.88
592-537-716.000	DPW 3,866.25
592-536-716.000	PUBLIC SERVICES 887.07
588-596-716.000	SENIOR TRANS 245.91
596-528-716.000	SOLID WASTE DEPT. 340.09
101-371-716.000	BUILDING DEPT. 1,315.34
101-336-716.000	FIRE DEPT 6,482.70
101-325-716.000	DISPATCH DEPT. 2,204.05
101-301-716.000	PD DEPT. 5,755.58

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

101-265-716.000	TWP BUILDING & GROUNDS	273.84
101-253-716.000	TREASURER'S OFFICE	1,263.25
101-215-716.000	CLERK'S OFFICE	1,334.35
101-228-716.000	IT DIRECTOR	600.77
101-171-716.000	SUPERVISOR'S OFFICE	1,032.04

A T & T	Invoice Amount:	\$896.94
FIBER RADIO CIRCUITS - DECEMBER 2021	Check Date:	12/21/2021
101-325-850.000	FIBER RADIO CIRCUITS DECEMBER 2021	896.94

BLUE CROSS/BLUE SHIELD OF MICHIGAN	Invoice Amount:	\$3,388.80
JANUARY 2022 MEDICARE PLUS BLUE PPO -- (SP	Check Date:	12/21/2021
101-000-123.000	GENERAL RETIREES	423.60
101-000-123.000	POLICE RETIREES	423.60
101-000-123.000	FIRE RETIREES	2,541.60

COMCAST	Invoice Amount:	\$64.39
INTERNET - DECEMBER 2021	Check Date:	12/21/2021
101-000-123.000	TOWNSHIP HALL INTERNET 1/22	64.39

MICH MUN RISK MGT AUTHORITY ECP	Invoice Amount:	\$8,443.11
ELECTRIC CHOICE - MMRMA-D21021015 - NOVE	Check Date:	12/21/2021
101-171-920.000	ELECTRIC CHOICE - SUPERVISOR/HR	232.08
101-228-920.000	ELECTRIC CHOICE - IT	195.82
101-257-920.000	ELECTRIC CHOICE - ASSESSING	79.78
101-215-920.000	ELECTRIC CHOICE - CLERK	331.59
101-253-920.000	ELECTRIC CHOICE - TREASURER	119.67
101-265-920.000	ELECTRIC CHOICE - TWP HALL - HAACK	7.25
101-673-920.000	ELECTRIC CHOICE - SR SERVICES	10.88
101-301-920.000	ELECTRIC CHOICE - POLICE	1,008.11
101-325-920.000	ELECTRIC CHOICE - DISPATCH	377.13
101-351-920.000	ELECTRIC CHOICE - LOCK-UP	308.23
101-336-920.000	ELECTRIC CHOICE - FIRE	177.69
101-371-920.000	ELECTRIC CHOICE - BUILDING DEPT	290.10
101-701-920.000	ELECTRIC CHOICE - COMM. DEV.	21.76
596-528-920.000	ELECTRIC CHOICE - SOLID WASTE	10.88
592-536-920.000	ELECTRIC CHOICE - DPS	326.37
592-537-920.000	ELECTRIC CHOICE - WATER	2,145.62
101-336-920.000	ELECTRIC CHOICE - FIRE	2,193.27
101-751-920.000	ELECTRIC CHOICE - PARKS	335.54
101-673-920.000	ELECTRIC CHOICE - FRIENDSHIP STATION	133.85
588-596-920.000	ELECTRIC CHOICE - SR TRANS	8.54
101-191-920.000	ELECTRIC CHOICE - FINANCE	128.95

I.A.F.F. - LOCAL 1496	Invoice Amount:	\$2,250.00
IAFF DUES-DECEMBER 2021 (DETAILED LISTING	Check Date:	12/21/2021
101-000-240.336	DECEMBER 2021 UNION DUES	2,250.00

MICHIGAN CONFERENCE OF TEAMSTERS	Invoice Amount:	\$14,009.60
HEALTH INSURANCE -DECEMBER 2021 (DPW) (I	Check Date:	12/21/2021
592-537-718.000	BARTLETT, JAMES	1,751.20
592-537-718.000	KRUEGER, RANDY	1,751.20
592-537-718.000	MELOW, STEVEN	1,751.20
592-537-718.000	OVERAITIS, JOSEPH	1,751.20
592-537-718.000	SCHOLTEN, JAMES	1,751.20
592-537-718.000	THOMAS, JAMES	1,751.20
592-537-718.000	NELSON, DAVID	1,751.20
592-537-718.000	PACKET, ZACHARY	1,751.20

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INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$279.25
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE18-0025		279.25
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,992.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE18-0026		1,992.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$392.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0017		392.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$935.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE19-0006		935.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,070.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE19-0009		2,070.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$3,174.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE20-0004		3,174.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$305.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE20-0003		305.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$8,881.50
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE20-0014		8,881.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$3,973.50
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0016		3,973.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$91.50
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0025		91.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,963.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0030		4,963.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$164.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0024		164.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$102.00
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.020	BPLE21-0002 - PB21-1031		102.00
SIMPLIFILE, LC			Invoice Amount:	\$33.25
BD Bond Refund			Check Date:	12/21/2021
	101-371-283.016	BE21-0016		33.25

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

WEBASTO-EDSCHA CABRIO USA INC

2021 Sum Tax Refund 78 998 01 9891 162

703-000-202.000

Accounts Payable

Invoice Amount:

\$8,705.55

Check Date:

12/21/2021

8,705.55

CORELOGIC

2021 Sum Tax Refund 78 022 01 0181 000

703-000-202.000

Accounts Payable

Invoice Amount:

\$961.87

Check Date:

12/21/2021

961.87

CORELOGIC

2021 Sum Tax Refund 78 052 01 0029 000

703-000-202.000

Accounts Payable

Invoice Amount:

\$3,785.32

Check Date:

12/21/2021

3,785.32

Total Amount to be Disbursed:

\$108,921.10

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Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

ADP INC

ADP - NOVEMBER 2021 - # 594204543 (DETAIL
101-261-831.000

NOVEMBER 2021 - # 594204543

Invoice Amount: **\$4,268.94**
Check Date: **12/15/2021**
4,268.94

BLUE CARE NETWORK OF MICHIGAN

JANUARY 2022- - BCN CLASSES 9 & 10 - DETAIL
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
592-000-123.000

GENERAL RETIREES HEALTHCARE 2,957.79
POLICE RETIREES HEALTHCARE 537.78
DISPATCH RETIREES HEALTHCARE 537.78
FIRE RETIREES HEALTHCARE 3,456.20
PUBLIC WORKS RETIREES HEALTHCARE 1,075.56

Invoice Amount: **\$8,565.11**
Check Date: **12/15/2021**

BLUE CARE NETWORK OF MICHIGAN

JANUARY 2022 -- CLASSES 7 & 8 (DETAILED SP
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
592-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
101-000-123.000
592-000-123.000
596-000-123.000
592-000-123.000
588-000-123.000
101-000-123.000
101-000-123.000

SUPERVISOR'S OFFICE 692.39
IT DEPT. 1,938.69
TREASURER'S DEPT. 1,661.74
POLICE 30,049.73
DISPATCH 15,094.11
FIRE 27,695.59
BUILDING 5,954.56
PUBLIC WORKS 2,631.08
POLICE - RETIREES 16,799.43
FIRE - RETIREES 15,067.53
CLERK'S OFFICE 1,384.78
BUILDING & GROUNDS 1,661.74
PUBLIC SERVICES 3,046.52
SOLID WASTE 1,938.69
PUBLIC WORKS RETIREE 865.95
SENIOR TRANS 1,938.69
ELECTIONS 1,661.74
GENERAL RETIREE 865.95

Invoice Amount: **\$130,948.91**
Check Date: **12/15/2021**

BLUE CARE NETWORK OF MICHIGAN

DECEMBER 2021-- CLASSES 7 & 8 (DETAILED SP
101-171-718.000
101-228-718.000
101-253-718.000
101-301-718.000
101-325-718.000
101-336-718.000
101-371-718.000
592-537-718.000
101-301-875.000
101-336-875.000
101-215-718.000
101-265-718.000
592-536-718.000
596-528-718.000
592-537-875.000
588-596-718.000
101-262-718.000
101-261-875.000

SUPERVISOR'S OFFICE 692.39
IT DEPT. 1,938.69
TREASURER'S DEPT. 1,661.74
POLICE 30,049.73
DISPATCH 15,094.11
FIRE 27,695.59
BUILDING 5,954.56
PUBLIC WORKS 2,631.08
POLICE - RETIREES 16,799.43
FIRE - RETIREES 15,067.53
CLERK'S OFFICE 1,384.78
BUILDING & GROUNDS 1,661.74
PUBLIC SERVICES 3,046.52
SOLID WASTE 1,938.69
PUBLIC WORKS RETIREE 865.95
SENIOR TRANS 1,938.69
ELECTIONS 1,661.74
GENERAL RETIREE 865.95

Invoice Amount: **\$130,948.91**
Check Date: **12/15/2021**

BLUE CROSS/BLUE SHIELD OF MICHIGAN

JAN. 2022 SHANNON RICHARDSON COVERAGE (
101-000-123.000

SHANNON RICHARDSON COVERAGE 1/22

Invoice Amount: **\$981.00**
Check Date: **12/15/2021**
981.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

Carlisle Wortman Associates			Invoice Amount:	\$360.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.003	BP21-0112 - PB21-0900		360.00
Carlisle Wortman Associates			Invoice Amount:	\$810.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.019	BBD21-0051 - PB21-1035		810.00
Carlisle Wortman Associates			Invoice Amount:	\$480.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.019	BBD21-0048 - PB21-0979		480.00
Carlisle Wortman Associates			Invoice Amount:	\$750.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.019	BBD21-0047 - PB21-1022		750.00
Carlisle Wortman Associates			Invoice Amount:	\$870.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.019	BBD21-0049 - PB21-1050		870.00
Carlisle Wortman Associates			Invoice Amount:	\$240.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.019	BBD21-0041 - PB21-0907		240.00
Carlisle Wortman Associates			Invoice Amount:	\$120.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.003	BP20-0022 - PB20-0465		120.00
Carlisle Wortman Associates			Invoice Amount:	\$120.00
BD Bond Refund			Check Date:	12/15/2021
	101-371-283.001	BP21-0107 - PB21-0799		120.00
COMCAST			Invoice Amount:	\$218.40
FIRE INTERNET STATION 3 -DECEMBER 2021 A			Check Date:	12/15/2021
	101-336-852.000	DECEMBER 2021 FIRE INTERNET STA #3		218.40
COMCAST			Invoice Amount:	\$231.75
INTERNET - DECEMBER 2021-- ACCT 900913674			Check Date:	12/15/2021
	101-751-852.000	Township Park		64.95
	101-336-852.000	Fire		64.95
	101-351-852.000	Telephone		101.85
COMCAST			Invoice Amount:	\$128.40
COMCAST HIGH SPEED INTERNET -DEC. 2021 - 9			Check Date:	12/15/2021
	101-261-852.000	HIGH SPEED INTERNET - 12/21		128.40
CONSUMERS ENERGY			Invoice Amount:	\$4,790.97
MONTHLY CHGS - NOVEMBER 2021			Check Date:	12/15/2021
	101-171-921.000	SUPERVISOR		159.18
	101-228-921.000	INFO SERVICES		134.30
	101-257-921.000	ASSESSING		54.72
	101-215-921.000	CLERK		227.42
	101-253-921.000	TREASURER		82.07
	101-301-921.000	POLICE		691.42
	101-325-921.000	DISPATCH		258.66
	101-336-921.000	FIRE DEPT		1,924.32
	101-371-921.000	BUILDING		196.48

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

101-701-921.000	COMM DEVELOPMENT	14.92
101-751-921.000	PARK	481.23
596-528-921.000	UTILITIES-SOLID WASTE	7.46
592-537-921.000	POWER & PUMPING-DPW	20.17
592-536-921.000	DPW - WATER & SEWER	226.33
101-351-921.000	CORRECTIONS & JAIL	211.41
101-673-921.000	UTIL - SENIOR SERVICES	7.46
101-191-921.000	FINANCE	88.44
101-265-921.000	BUILDINGS AND GROUNDS	4.98

CONSUMERS ENERGY**Invoice Amount: \$72.97**

MONTHLY CHGS -NOVEMBER 2021 (ATTACHED)

Check Date: 12/15/2021

592-537-921.000	ACCT #1000-6777-1970-- 47755 5 MI 11/21	72.97
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CONSUMERS ENERGY**Invoice Amount: \$1,044.78**

MONTHLY CHARGES - DECEMBER 2021 (DETAILS)

Check Date: 12/15/2021

101-673-921.000	FRIENDSHIP STATION - 1000 257103478	335.88
588-596-921.000	SENIOR TRANS 1000 2571-3478	21.44
101-751-921.000	TWP. PARK 1000 257103262	224.54
101-336-921.000	FIRE STATION #2 - 1000 2571-3403	462.92

CONSUMERS ENERGY**Invoice Amount: \$1,209.42**

MONTHLY CHGS - JANUARY 2022 DPW ONLY

Check Date: 12/15/2021

592-000-123.000	DPW-ACCT. # 1000-2645-6283	1,190.11
592-000-123.000	DPW - ACCT. 3 1000-2645-6408	19.31

CHARTER TWSP OF PLYMOUTH**Invoice Amount: \$49.55**

BD Bond Refund

Check Date: 12/15/2021

101-371-283.016	BE21-0027 - PB21-0614	49.55
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SPALDING DEDECKER ASSOCIATES, INC.**Invoice Amount: \$328.00**

BD Bond Refund

Check Date: 12/15/2021

101-371-283.020	BPLE21-0003 - PB21-0884	328.00
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VERIZON WIRELESS**Invoice Amount: \$1,352.81**

DECEMBER 2021- WIRELESS BILLING ACCT #2

Check Date: 12/15/2021

592-537-850.000	DPW	772.64
101-228-850.000	INFO SERVICES WIRELESS DEVICES	0.23
101-336-850.000	FIRE WIRELESS DEVICES	200.05
101-751-850.000	PARK FOREMAN WIRELESS DEVICE IPAD	40.01
588-596-850.000	FRIENDSHIP STATION	107.94
101-325-850.000	DISPATCH	141.48
596-528-850.000	SOLID WASTE	49.96
101-371-850.000	BUILDING INSPECTOR	40.50

WESTERN TWNSPS UTILITIES AUTHORITY**Invoice Amount: \$343,014.14**

WTUA - NOVEMBER 2021

Check Date: 12/15/2021

592-538-828.000	Monthly Charges	111,923.04
592-538-827.000	YUCA IPP-IWC	4,697.42
592-537-757.000	Country Acres Pump Station	1,102.08
592-000-181.000	Capital Improvement Program	225,291.60

WOW! BUSINESS**Invoice Amount: \$18.81**

DECEMBER 2021 ACCT. # 012296705

Check Date: 12/15/2021

101-673-852.000	SENIOR UTIL	17.68
588-596-852.000	SENIOR TRANS	1.13

Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

Menard Premier Builders L.L.C		Invoice Amount:		\$974.75
BD Bond Refund		Check Date:		12/15/2021
	<i>101-371-283.016</i>	<i>BE18-0007</i>		<i>974.75</i>
Total Amount to be Disbursed:				\$632,897.62

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**Charter Township of Plymouth
AP Invoice Listing - Board Report**

VENDOR INFORMATION

INVOICE INFORMATION

AIRGAS USA, LLC

INV # 9984337091 OXYGEN CYLINDER RENTAL

101-336-773.000

101-336-773.000

101-336-773.000

INV # 9984337091 RENT CYL MED LARGE OXY

MED XS OXYGEN

HAZMAT CHARGE

Invoice Amount:

\$408.58

Check Date:

12/22/2021

306.15

58.50

43.93

AutoZone, Inc.

#4382642697 12/8/21 TAIL LIGHT FOR #407

592-537-863.000

TAIL LIGHT

Invoice Amount:

\$22.05

Check Date:

12/22/2021

22.05

B & R JANITORIAL SUPPLY

INV.#193334-1 DECEMBER B & R JANITORIAL O

101-265-775.000

101-673-775.000

101-301-775.000

101-325-775.000

101-351-775.000

101-336-775.000

592-536-775.000

INV#193334-1

INV#193334-1

INV#193334-1

INV#193334-1

INV#193334-1

INV#193334-1

INV#193334-1

Invoice Amount:

\$198.10

Check Date:

12/22/2021

99.05

5.94

49.53

15.85

3.96

3.96

19.81

B & R JANITORIAL SUPPLY

ORDER # 193150

101-336-775.000

FEBREEZE HD CRISP CLEAN

Invoice Amount:

\$40.83

Check Date:

12/22/2021

40.83

BATTERIES PLUS BULBS

INV. P46667536 12/8/2021 BATTERIES FOR PD

101-301-757.000

101-301-757.000

101-301-757.000

101-301-757.000

STREAMLIGHT 3 VOLT

AA BATTERIES

AAA BATTERIES

C BATTERIES

Invoice Amount:

\$131.81

Check Date:

12/22/2021

55.90

31.96

31.96

11.99

BATTERIES PLUS BULBS

INV. P46743598 12/10/2021 STREAMLIGHT BATT

101-301-757.000

STREAMLIGHT 3 VOLT

Invoice Amount:

\$55.90

Check Date:

12/22/2021

55.90

BATTERIES PLUS BULBS

#P46669023 12/8/21

592-537-757.000

BATTERY PACK FOR METER READING INTERRA

Invoice Amount:

\$14.99

Check Date:

12/22/2021

14.99

BLACKWELL FORD INC.

INV. 384445 12/9/2021 VEHICLE REPAIR/129715

101-301-863.000

OIL CHG/R & R TOE LINKS/WHEEL ALIGNMENT

Invoice Amount:

\$708.53

Check Date:

12/22/2021

708.53

C M 2 DESIGNS

INV. 660 12/6/2020 HARRITON FLEECE COAT

101-325-767.000

POLICE SERVICE AIDE S. SMITH

Invoice Amount:

\$58.00

Check Date:

12/22/2021

58.00

Champagne, Thomas

REIMBURSEMENT FOR FUEL FOR DEPT VEHICLE

101-301-759.000

FUEL REIMBURSEMENT

Invoice Amount:

\$46.17

Check Date:

12/22/2021

46.17

CODE SAVVY CONSULTANTS LLC

INV.#1900 NUSTEP SPRINKLER PLAN REVIEW

101-371-801.000

INV#1900 NUSTEP PLAN REVIEW

Invoice Amount:

\$365.00

Check Date:

12/22/2021

365.00

CORPORATE CLEANING GROUP INC

INV.#19761 NOVEMBER 2021 TWP HALL CLEANI

Invoice Amount:

\$2,341.50

Check Date:

12/22/2021

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VENDOR INFORMATION

INVOICE INFORMATION

	101-301-822.000	TWP HALL CLEANING NOV 2021	914.76
	101-336-822.000	TWP HALL CLEANING NOV 2021	83.16
	101-265-822.000	TWP HALL CLEANING NOV 2021	1,081.08
	101-351-822.000	TWP HALL CLEANING NOV 2021	262.50
CORPORATE CLEANING GROUP INC		Invoice Amount:	\$405.00
INV.#19781 DPW/SENIOR CENTER CLEANING N		Check Date:	12/22/2021
	592-537-822.000	INV#19781 DPW NOV 2021	345.00
	101-673-822.000	INV#19781 SENIOR NOV 2021	60.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$2,271.57
#7410375 12/2/21		Check Date:	12/22/2021
	592-537-759.000	Fuel Tax Recap	11.71
	592-537-759.000	Environmental Fee	9.95
	592-537-759.000	GE87 GAS-ETHANOL	1,492.75
	592-537-759.000	DYDLSMIX	757.16
CRAWFORD DOOR SALES		Invoice Amount:	\$195.00
INV # 12821109 TIGHTENED CLUTCH CYCLED D		Check Date:	12/22/2021
	101-336-930.000	INV # 12821109 COMMERCIAL LABOR	195.00
DC Dental, Inc.		Invoice Amount:	\$344.70
INV. 819388IN 12/8/2021 ULTRA ONE LATEX GL		Check Date:	12/22/2021
	101-351-757.000	HIGH RISK - LARGE	153.20
	101-351-757.000	HIGH RISK - XL	191.50
DELL MARKETING L.P.		Invoice Amount:	\$1,417.76
MONITORS - QUOTE 3000104659719.1		Check Date:	12/22/2021
	101-228-757.000	ULTRASHARP MONITOR - U2422H	894.57
	101-228-757.000	MONITOR SOUNDBAR - SB521A	109.20
	101-228-757.000	VID CONF MONITOR - C2422HE	413.99
Ferguson Waterworks		Invoice Amount:	\$206.04
METER QUOTE BID DATE 12/7/21		Check Date:	12/22/2021
	592-537-787.000	22/3 AWG SLD CM/CL2 CABLE 1000/BX	190.94
	592-537-787.000	SHIPPING	15.10
FOX HILLS CHRYSLER JEEP		Invoice Amount:	\$57.59
INV. 49685 12/6/2021 VEHICLE MAINTENANCE/1		Check Date:	12/22/2021
	101-301-863.000	OIL CHANGE/TIRE ROTATION	57.59
GFL Environmental USA, Inc.		Invoice Amount:	\$450.00
#0052996812 DPW RECYCLE CENTER		Check Date:	12/22/2021
	596-528-816.000	11/16/21- CARDBOARD/PAPER	225.00
	596-528-816.000	11/29/21- CARDBOARD/PAPER	225.00
HALT FIRE INC		Invoice Amount:	\$816.00
INV# S0095611 LADDER 3 TRANSMISSION SERV		Check Date:	12/22/2021
	101-336-863.000-20	INV# S0095611 TRANSMISSION SERVICE	816.00
HALT FIRE INC		Invoice Amount:	\$657.00
INV# S0095612 ENG 1 TRANSMISSION SERVICE		Check Date:	12/22/2021
	101-336-863.000-20	INV# S0095612 TRANSMISSION SERVICE/MOB	600.00
	101-336-863.000-20	MILEAGE	42.00
	101-336-863.000-20	OIL/FILTER DISPOSAL	15.00
HAROLD'S FRAME SHOP		Invoice Amount:	\$249.85
INVOICE #100012 11/16/21 PARTS AND REPAIR		Check Date:	12/22/2021

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VENDOR INFORMATION

INVOICE INFORMATION

	592-537-863.000	LABOR	204.00
	592-537-863.000	PARTS	45.85
HUBBELL, ROTH, & CLARK, INC.		Invoice Amount:	\$676.86
NORTHVILLE ROAD PRV REHABILITATION #0192		Check Date:	12/22/2021
592-537-970.000	PUNCHLIST DEVELOPEMENT & COORDINATIO		676.86
HUNTINGTON NATIONAL BANK, THE		Invoice Amount:	\$500.00
3584204308 ADMIN FEE REFUNDING BOND 2017		Check Date:	12/22/2021
101-905-993.000	Administration Fee Refunding Bond 2017		500.00
HUNTINGTON NATIONAL BANK, THE		Invoice Amount:	\$125.00
3584068802 ADMIN FEE 2012 GOLT REFUNDING		Check Date:	12/22/2021
101-905-993.000	Administration Fee Semi - 2012 GOLT		125.00
HUNTINGTON NATIONAL BANK		Invoice Amount:	\$31,834.38
3584204308 2017 REFUNDING BOND (TWP PARK		Check Date:	12/22/2021
592-907-993.000	2017 Refunding Bond Sewer Rehab		20,374.00
101-905-993.000	2017 Refunding Bond Park & Under Pass		11,460.38
HUNTINGTON NATIONAL BANK		Invoice Amount:	\$36,500.00
3584068802 2012 GOLT REFUNDING BOND (TW		Check Date:	12/22/2021
101-905-993.000	2012 GOLT Refunding Bond (TwpHall) Inter		36,500.00
HYDRO CORP		Invoice Amount:	\$1,851.00
CROSS CONNECTION CONTROL PROGRAM NOVE		Check Date:	12/22/2021
592-537-826.000	CROSS CONNECTION PROGRAM NOVEMBER 20		1,851.00
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$225.00
TECH SUPPORT - VEEAM BACKUP UPGRADE - IN		Check Date:	12/22/2021
101-261-831.000	TECH SUPP - VEEAM SYSTEM UPGRADE		225.00
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$200.53
#276770145 11/30/21		Check Date:	12/22/2021
101-171-934.000	C454e Copier Maintenance		42.11
101-228-934.000	Maint.		8.02
101-371-934.000	Maint.		10.03
596-528-934.000	Maint.		10.03
592-536-934.000	Maint		130.34
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$41.14
PRINTER/COPIER - SUPERVISOR/BOARD PACKET		Check Date:	12/22/2021
101-171-934.000	10/21 USE SUPERVISOR (2/3) 27.15		27.15
101-215-934.000	10/21 USE CLERK (1/3) 13.99		13.99
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$1.05
PRINTER - ASSESSOR - INV'S # 276770529 - NO		Check Date:	12/22/2021
101-257-934.000	INV'S # 276770529 - NOV. 2021 USAGE		1.05
MICHIGAN, STATE OF		Invoice Amount:	\$220.26
QUALITY ASSUR ASSESSMENT ON RESCUE VEHI		Check Date:	12/22/2021
101-336-863.000	INV # 491-401555 AMBULANCE ASSESSMENT		220.26
NAPA Auto Parts		Invoice Amount:	\$178.47
INV # 2698-760532 BATTERY FOR GENERATOR S		Check Date:	12/22/2021
101-336-930.000	INV# 2698-760532 BATTERY FOR GENERATOR		155.19
101-336-930.000	MAC BATTERY PROTECT		8.99

**Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

	101-336-930.000	BATTERY BRUSH	14.29
OAKLAND COMMUNITY COLLEGE		Invoice Amount:	\$400.00
INV. 116874 12/6/2021 INVESTIGATOR SCHOOL		Check Date:	12/22/2021
	101-301-958.000	OFFICER CHRIS WILDER	400.00
PARAGON LABORATORIES		Invoice Amount:	\$164.00
#50148-225063 12/9/21		Check Date:	12/22/2021
	592-537-801.000	EPA 524.2 TRIHALOMETHANES	50.00
	592-537-801.000	EPA 552.3 HALOACETIC ACIDS	114.00
PHOENIX SAFETY OUTFITTERS, LLC.		Invoice Amount:	\$292.00
INV # SI-120396 GEAR HELMET HARRELL		Check Date:	12/22/2021
	101-336-767.000	INV # SI-120396 FIRE HELMET	292.00
PHOENIX SAFETY OUTFITTERS, LLC.		Invoice Amount:	\$276.41
INV # SI-119949 GEAR GLOVES HANSEN		Check Date:	12/22/2021
	101-336-767.000	INV # SI-119949 RESCUE GLOVES MED	104.62
	101-336-767.000	GLOVES LRG	104.62
	101-336-767.000	GLOVES XLRG	52.31
	101-336-767.000	SHIPPING	14.86
Preventive Maintenance Technologies		Invoice Amount:	\$34,720.00
EQUIPMENT COST GENERATOR,ATS & ACCESSO		Check Date:	12/22/2021
	101-336-970.000	GENERATOR PROJECT STATION #3	32,725.00
	101-336-970.000	7 YEAR WARRANTY	1,995.00
PRINTING SYSTEMS INC		Invoice Amount:	\$117.51
ELECTION SUPPLIES - 549 MICHIGAN VOTER RE		Check Date:	12/22/2021
	101-262-900.000	MI VOTER REGISTRATION W/SIGNATURE	106.00
	101-262-900.000	SHIPPING	11.51
PRINTING SYSTEMS INC		Invoice Amount:	\$542.17
LASER CHECKS WITH EXTRA COPIES		Check Date:	12/22/2021
	101-261-814.000	A/P LASER CHECKS	490.50
	101-261-814.000	EXTRA YELLOW COPIES	15.00
	101-261-814.000	SHIPPING	36.67
PROGRESSIVE PRINTING		Invoice Amount:	\$3,410.00
WINTER 2021 NEWSLETTER - W/ PULLOUT - IN		Check Date:	12/22/2021
	101-261-900.000	WINTER 2021 NEWSLETTER 15,765 COPIES)	2,635.00
	101-261-900.000	WINTER 2021 NEWSLETTER LAYOUT	775.00
RELIABLE LANDSCAPING INC.		Invoice Amount:	\$4,270.00
INV #97759 FALL CLEANUP		Check Date:	12/22/2021
	101-336-821.000	FIRE STATION 2	500.00
	101-336-821.000	FIRE STATION 3	380.00
	592-537-821.000	DPW	440.00
	101-673-821.000	FRIENDSHIP STATION	360.00
	101-751-821.000	LAKE POINTE SOCCER PARK	1,440.00
	101-751-821.000	MILLER FAMILY PARK	450.00
	101-751-821.000	BRENTWOOD PARK	440.00
	101-751-821.000	POINT PARK	260.00
S L C METER SERVICE, INC.		Invoice Amount:	\$1,097.08
4" METER TEMPLATE FOR HENRY FORD		Check Date:	12/22/2021
	592-537-787.000	4" METER TEMPLATE	1,097.08

Charter Township of Plymouth

AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

SHI International Corp.		Invoice Amount:	\$3,776.72
KACE MAINTENANCE RENEWAL QUOTE 2124053		Check Date:	12/22/2021
101-261-831.000	KACE MAINTENANCE RENEWAL/ADD30		3,776.72
SHI International Corp.		Invoice Amount:	\$2,125.20
DESKTOP AUTHORITY SOFTWARE MAINTENANC		Check Date:	12/22/2021
101-261-831.000	DA Pro Maintenance Renewal		1,780.80
101-261-831.000	DA USB-Port Security Maint Renewal		344.40
SHI International Corp.		Invoice Amount:	\$754.00
QUOTATION #21283722 11/18/2021 UPS REPLA		Check Date:	12/22/2021
101-351-757.000	APC SMART UPS REPLACEMENT		754.00
Tredroc Tire Service		Invoice Amount:	\$2,720.58
NEW REAR TIRES FOR THE BACKHOE		Check Date:	12/22/2021
592-537-931.000	Tire - service, labor, parts		2,720.58
Victory Lane Quick Oil Change		Invoice Amount:	\$75.18
TRUCK 405 #00903-3068 12/6/21		Check Date:	12/22/2021
592-537-863.000	LABOR AND MATERIALS		75.18
WEINGARTZ		Invoice Amount:	\$1,846.96
TWP PROPERTIES/SNOW REMOVAL #20418355-		Check Date:	12/22/2021
592-537-757.000	#20418355-U0		1,846.96
JOSS CONSTRUCTION LLC		Invoice Amount:	\$2,185.04
REFUND PORTION OF PSW21-0059 (8890 NORT		Check Date:	12/22/2021
592-000-644.003	REFUND WATER TAP CHARGE		1,900.00
592-000-643.004	WATER INSPECTION FEE		(150.00)
592-000-644.005	WATER CONSTRUCTION FEE		343.86
592-000-644.005	WATER CONSTRUCTION FEE		(248.82)
592-000-644.001	WATER TRUNK & TRANSMISSION FEE		170.00
592-000-644.001	SEWER TRUNK & TRANSMISSION FEE		170.00
CHRIS SMITH		Invoice Amount:	\$71.55
DUTY FOOTWEAR /SMITH		Check Date:	12/22/2021
101-336-767.000	DUTY FOOTWEAR/ SMITH		71.55

Total Amount to be Disbursed: \$142,660.06



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: January 11, 2022

ITEM: Goal Setting Discussion for 2022

PRESENTERS: Supervisor Heise

BACKGROUND: Happy New Year! Attached is a list of proposed goals for the Township in 2022 that I have created for your review and consideration. This list is comprised of ideas generated over the past year and suggestions from several Board members.

I have also included the summary, ranking, and achievements charts for 2021 that were prepared by Treasurer Clinton and me. I look forward to discussing these items with you, and any additional suggestions that you may have, at our January 11 meeting. Following that meeting, I will ask that you prioritize the goals so we can formally adopt them at our January 25 meeting, consistent with past practice.

PROPOSED MOTION: None, Discussion Only

GOAL-SETTING MEETING 2022

Suggested Goals

1. PUBLIC SAFETY – *police, fire, dispatch*

Community Policing reporting system (adopt best practices)

Adopt latest International Fire Code

Finalize national accreditation program for Police

Succession planning for Police Dept.

Upgrade and fully-utilize NIXLE Notification system

Review service level with HVA

Implement annual First Responders' Awards Program

Host annual 9/11 Ceremony

2. INFRASTRUCTURE – *water, sewer, roads, sidewalks*

Continue township-wide sidewalk installation and “gap” program

Improve appearance, access, and landscaping at Ann Arbor Road Rail Overpass

Use PASER report to identify and promote long-term road projects with county (e.g. Haggerty, Beck)

Clean out and update Township Hall pond and fountain

New, safer surface at entrance to Township Hall

Host Tonquish Creek Cleanup Saturday, April 9

Encourage CSX to repair rail crossings

Annual report to the public from DTE at Fall 2022 Board Meeting

Pursue Federal and State funding for walkways, sidewalks and bike paths

3. FISCAL INTEGRITY - *budgets, audits, finance, taxes, personnel*

Finalize new trash hauling contract

Issue RFP for “Smart Meter” system for water

Determine Federal COVID Funding priorities FY 22-24

Negotiate new TPOAM Contract (expires 12/31/22)

Negotiate new DPW Teamsters Contract (expires 12/31/22)

Negotiate new contract with GLWA in 2022

Address District Court revenue loss; develop long term strategy

Study new District Court arrangement for Canton, Plymouth/Northville

Determine Tax Status of Henry Ford Hospital and out lot properties

Create 501(c)(3) with Canton Community Foundation for special events and services

Ordinance change – adjust water delinquency date from September 1st to November 1st

Update fee schedules where needed (e.g. FOIA, Building, Licensing, etc.)

Study methods to reduce employee healthcare costs

Switch payroll processing companies from ADP to BS&A

4. QUALITY OF LIFE – *parks, heritage, culture, recreation, accessibility, environment*

Pursue joint regional recreation opportunities with City of Plymouth

Increase walking/running/biking options

Plymouth Road/Hines/Haggerty Corridor improvements and accessibility with County

Study use of eco-friendly vehicles; partnerships with local automakers (e.g. Rivian)

Pursue Golf Course entrance off Ann Arbor Trail

Monitor ‘Salem Springs’ project; esp. siting of wastewater treatment facilities

Clean up and repurpose wooded area at Golfview Park

Update Shearer Cemetery with Historic District Commission

Upgrade forest walkway area at Township Park

Study new M-14/Sheldon Exit 'Regional Welcome Sign'

Purchase new Senior Buses via grants and donations

Mural at old concrete pad at Township Park/students and Arts Council project

EV Charging stations at Township Hall and other locations

Juried artwork projects for Township Hall

Replace wooden fence running along golf course and park entrance area

5. ECONOMIC DEVELOPMENT - *Increase tax base, jobs, community brand*

Assist in promoting longstanding vacant or unused properties

Obtain \$32 million from State of Michigan for MITC

Update Zoning Ordinances where needed

Update and print new Zoning Ordinance book

6. TECHNOLOGY – *Information Technology, internet, connectivity, software, equipment*

Cyber Security Strategic Plan and Continuous Implementation

Work with MMRMA on Cyber Security and Ransomware issues

Develop Information Technology Long-Term Capital Improvement Plan

Update Cable TV Messaging system

Finalize new website

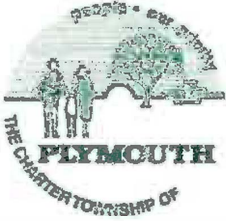
Create HOA "Chat Room" group email platform

2021 - Prioritized Goals (Highest Ranking)

Scorecard - Updated 12-14-21

Category	Goal	Total	Average	Importance	As Of 12-14-21
Technology	Implement Measures to Prevent Malware and Cyber Attacks	35	5.00	Very High	Ongoing
Fiscal Integrity	Study Options for New Trash Hauling Contract in 2022; Bid Out in Q4-2021	33	4.71	Very High	Done
Fiscal Integrity	Ordinance Change - Adjust Water Delinquency Date from September 1 to November 1	33	4.71	Very High	Done
Fiscal Integrity	Refinance Township Hall Bonds (5 years remaining)	33	4.71	Very High	Not Needed
Fiscal Integrity	Overhaul Water/Sewer Billing Rate Methodology	32	4.57	Very High	Ongoing
Technology	Develop Township-Wide Strategic Technology Plan	32	4.57	Very High	Ongoing
Technology	Develop Long-Term IT Capital Improvement Plan	32	4.57	Very High	Ongoing
Technology	Install New Sound System in Township Boardroom	32	4.57	Very High	Done
Infrastructure	Township-Wide Sidewalk Replacement Program; Improve Communications & Outreach	31	4.43	High	Done
Infrastructure	Develop Long-Range Road Repair Plan with County (Beck, Haggerty, McClumpha Roads)	31	4.43	High	Done
Fiscal Integrity	Develop Policy for Good-Faith Accidental Water Usage Issues (i.e. leaks)	31	4.43	High	Ongoing
Economic Development	Seek Outside Legal Opinion on Use of Surplus Brownfield Funds	31	4.43	High	Done
Economic Development	Disband DDA; Transfer Fund Balance to Sidewalk/Connectivity Program (example)	31	4.43	High	Done
Technology	Explore Option to Utilize Managed Service Provider(s) for IT Services	31	4.43	High	Ongoing
Fiscal Integrity	Adjust Water Billing Cycle to Allow 30 Days for Payment	30	4.29	High	Ongoing
Fiscal Integrity	Optimize Active and Retiree's Insurance Options to Reduce Administration and Cost	30	4.29	High	Ongoing
Quality of Life	Consider Privatization of Senior Bus Service	30	4.29	High	Done
Technology	Website Overhaul (Within Contract Limitations)	30	4.29	High	Ongoing
Public Safety	Make Proposal to City of Plymouth to Provide Fire Service	29	4.14	High	Done
Public Safety	Review Transport Contract with HVA (expires Sept 2021)	29	4.14	High	Done
Quality of Life	Plymouth Rd/Hines Dr/Haggerty Corridor Improvements and Accessibility (With County)	29	4.14	High	Ongoing
Quality of Life	Initiate Pilot Project for "Dog Friendly" Area in Township Park	29	4.14	High	Done
Economic Development	Promote Five Mile (MITC), Plymouth/Haggerty Corridors	29	4.14	High	Done
Economic Development	Update Zoning, Precinct, Planning and All Other Township Maps	29	4.14	High	Ongoing
Technology	Implement "Work From Home" Networking Abilities (to Include BS&A Software)	29	4.14	High	Ongoing
Fiscal Integrity	Review/Update Collection Rate for Transports, Emergency Recovery and Hazmat	28	4.00	High	Done
Fiscal Integrity	Sell Surplus Property Around DPW Building	28	4.00	High	Ongoing
Fiscal Integrity	Succession Planning for Key Personnel	28	4.00	High	Done
Fiscal Integrity	Design/Implement Automated Meter Reading System to Replace Current Manual Process	28	4.00	High	Ongoing
Fiscal Integrity	Evaluate Residential Water Meter Change Out Policy and Investigate Longer Life Meters	28	4.00	High	Ongoing
Fiscal Integrity	Implement Mandatory "Attestation" for Healthcare Coverage of Retirees and Spouses	28	4.00	High	Done
Quality of Life	Study Feasibility of New Gold Course Entrance off of Ann Arbor Trail	28	4.00	High	Done

Quality of Life	Replace Aged Wooden Fence Running Along Golf Course and Park Entrance	28	4.00	High	Delayed
Infrastructure	Close Sidewalk Gaps Around Town - Especially McClumpha & N. Territorial	27	3.86	High	Done
Fiscal Integrity	Lease or Repurpose Unused Portion of DPW Building	27	3.86	High	Done
Quality of Life	Upgrade Forest Walkway at Township Park	27	3.86	High	Delayed
Technology	Implementation/Adoption of Unified Communications Tools (Already Under License)	27	3.86	High	Delayed
Infrastructure	Improve Appearance and Landscaping at Ann Arbor Road Rail Overpass	26	3.71	High	Ongoing
Fiscal Integrity	Update Board Meeting Policies and Procedures; Greater Use fo Consent Agenda	26	3.71	High	Done
Fiscal Integrity	Fully Fund Building Maintenance Funds	26	3.71	High	Done
Quality of Life	Increase Walking/Running/Biking Options in the Township	26	3.71	High	Ongoing
Quality of Life	Upgrade Park Entry Gates	26	3.71	High	No Action
Public Safety	Create Emergency Relief Fund with Plymouth Community Foundation	25	3.57	High	Done
Public Safety	Publish "Meaningful" Police Statistics on Website	25	3.57	High	Delayed
Infrastructure	Bid for Maintenance Contract for All Facilities - HVAC and Other Systems	25	3.57	High	Ongoing
Infrastructure	Install New, Safer Surface at Entrance to Township Hall	25	3.57	High	Ongoing
Fiscal Integrity	Determine Tax Status of Henry Ford Hospital and Adjacent Properties	25	3.57	High	Ongoing
Fiscal Integrity	Revisit the Decision to Outsource the HR and Payroll Functions	25	3.57	High	Delayed
Fiscal Integrity	Migrate the Current ADP Payroll System over to BS&A	25	3.57	High	Ongoing
Fiscal Integrity	Replace Current Cleaning Service Contractor	25	3.57	High	Done
Fiscal Integrity	Equality in Death Benefits for Employees Over 65 Years of Age	25	3.57	High	Done



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: January 11, 2022

ITEM: Approval of Sidewalk Gap Program for 2022

PRESENTERS: Township Engineer Jeremy Schrot, Supervisor Heise

BACKGROUND: At previous meetings we have discussed the plans and priorities for this year's Sidewalk Gap Program. You may recall that we budgeted \$200,000 this year for this effort, and we may be able to allocate more of our Federal COVID relief funds if and when we get word back from Washington on how we can spend those funds.

At tonight's meeting we need to decide on what this year's sidewalk gap project will be, so we can incorporate that project in our 2022 Sidewalk Construction RFP. Attached is the 5-year Sidewalk Gap plan prepared by our Township Engineers. You have been provided this document in the past as well. I would also recommend that we provide some verbal direction to the Engineers on what additional 'gap' projects we would like to see if the Federal COVID money is freed up.

PROPOSED MOTION: I move that the Board of Trustees authorize the Township Engineer to implement Priority # ____ on the Township's Sidewalk Gap 5-year plan dated September 15, 2021.

OPINION OF PROBABLE CONSTRUCTION TIMELINE

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan
CLIENT NAME: Plymouth Township
PREPARED BY: LE/SP

PROJECT NO: PL21001-11
DATE: 15-Sep-21

YEAR	PRIORITY	NAME OF THE PROJECT	BREAKDOWN (Approx. \$250K spend per year)	TOTAL COST
2021	1	Ann Arbor Trail & McClumpha	East Half	\$ 189,673.50
2021	2	40805 Five Mile Road*	N/A	\$ 39,228.00
2022	3	Ann Arbor Trail & McClumpha	West Half	\$ 189,673.50
2023	4	McClumpha	North Third	\$ 243,621.00
2024	5	McClumpha	Central Third	\$ 243,621.00
2025	6	McClumpha	South Third	\$ 243,621.00
2026	7	Powell Rd	South Side and Northwest Half	\$ 237,775.50
2027	8	Powell Rd	Northeast Half	\$ 237,775.50
2028	9	Main Street West Side	North Half	\$ 249,919.50
2029	10	Main Street West Side	South Half	\$ 249,919.50
2030	11	Main Street East Side	North Half	\$ 244,816.00
2031	12	Main Street East Side	South Half	\$ 244,816.00
2032	13	Ann Arbor Trail	West Half	\$ 265,969.00
2033	14	Ann Arbor Trail	East Half	\$ 265,969.00
2034	15	North Territorial North Side	N/A	\$ 265,075.00
2035	16	Wilcox Plymouth Township	N/A	\$ 290,333.00
2036	17	Wilcox Rd City of Plymouth	North Third	\$ 212,878.00
2037	18	Wilcox Rd City of Plymouth	Central Third	\$ 212,878.00
2038	19	Wilcox Rd City of Plymouth	South Third	\$ 212,878.00
2038	20	12350 Ridge Rd	N/A	\$ 46,106.00
2039	21	Canton Center Rd	North Half	\$ 185,570.00
2039	22	44780 & 44736 Joy Rd	N/A	\$ 58,355.00
2040	23	Canton Center Rd	South Half	\$ 185,570.00
2041	24	49940 Ann Arbor Rd*	N/A	\$ 97,965.00
2041	25	Ann Arbor Trail - west of Lorenz Way*	N/A	\$ 166,940.00
2042	26	Joy Rd between Beck and Ridge*	East Half	\$ 254,052.00
2043	27	Joy Rd between Beck and Ridge*	Bridge	\$ 254,052.00
2044	28	Joy Rd between Beck and Ridge*	West Half	\$ 254,052.00
2045	28	Joy Rd between Main and Morrison*	N/A	\$ 267,516.00
2046	29	Joy Rd between Main and Morrison (Alternate 1)*	N/A	\$ 47,583.00
Total Estimated Project Cost:				\$ 6,158,201.00

*Indicates recent resident input on sidewalk gap priorities

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Trail & McClumpha)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 13-Sep-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 22,278.61	\$ 22,278.61
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 11,696.27	\$ 11,696.27
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 11,139.31	\$ 11,139.31
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	2	EA	\$ 1,200.00	\$ 2,400.00
6	0 Tree, Replace	2	EA	\$ 1,200.00	\$ 2,400.00
7	0 Pedestrian Bridge	1	EA	\$ 150,000.00	\$ 150,000.00
8	PL18-006 Sidewalk, Rem	25	SY	\$ 20.00	\$ 500.00
9	PL20-008 Excavation, Earth	66	CY	\$ 35.00	\$ 2,300.93
10	PL18-006 Sidewalk Grading	7	STA	\$ 1,400.00	\$ 9,800.00
11	PL20-007 Pavt Markg, Gvly Cold Plastic, 12 Inch, Crosswalk	34	FT	\$ 5.50	\$ 352.00
12	MN20-001 Rectangular Rapid Flashing Beacon	2	EA	\$ 10,000.00	\$ 20,000.00
13	MN20-002 Sign, Type IIIB	33	SF	\$ 20.00	\$ 660.00
14	MN20-003 Post, Steel, 3 Lb	128	FT	\$ 10.00	\$ 1,280.00
15	PL18-006 Subgrade Undercut (As Needed)	28	CY	\$ 35.00	\$ 963.58
16	PL20-008 Subbase, CIP	66	CY	\$ 58.00	\$ 3,812.96
17	PL18-006 Aggregate Base, 4 Inch	314	SY	\$ 10.00	\$ 3,140.00
18	PL18-006 Sidewalk, Conc, 4 Inch	1,980	SF	\$ 4.50	\$ 8,910.00
19	PL18-006 Sidewalk, Conc, 6 Inch	100	SF	\$ 5.70	\$ 570.00
20	PL18-006 ADA Ramp, 6 inch	150	SF	\$ 7.00	\$ 1,050.00
21	PL18-006 ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
22	0 Restoration	189	SY	\$ 5.00	\$ 946.67
23	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
24	PL20-007 Inspection Crew Days	15	DAY	\$ 700.00	\$ 10,500.00
Construction Subtotal:					\$ 267,900.33
Contingency: 20%					\$ 53,580.07
Construction Total:					\$ 321,480.39
Design Engineering: 10.00%					\$ 32,148.04
Contract Administration: 6.00%					\$ 19,288.82
Material Testing: 2.0%					\$ 6,429.61
OPINION OF PROBABLE CONSTRUCTION COST					
Total Estimated Project Cost:					\$ 379,347.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Trail & McClumpha)



OPINION OF PROBABLE CONSTRUCTION COST

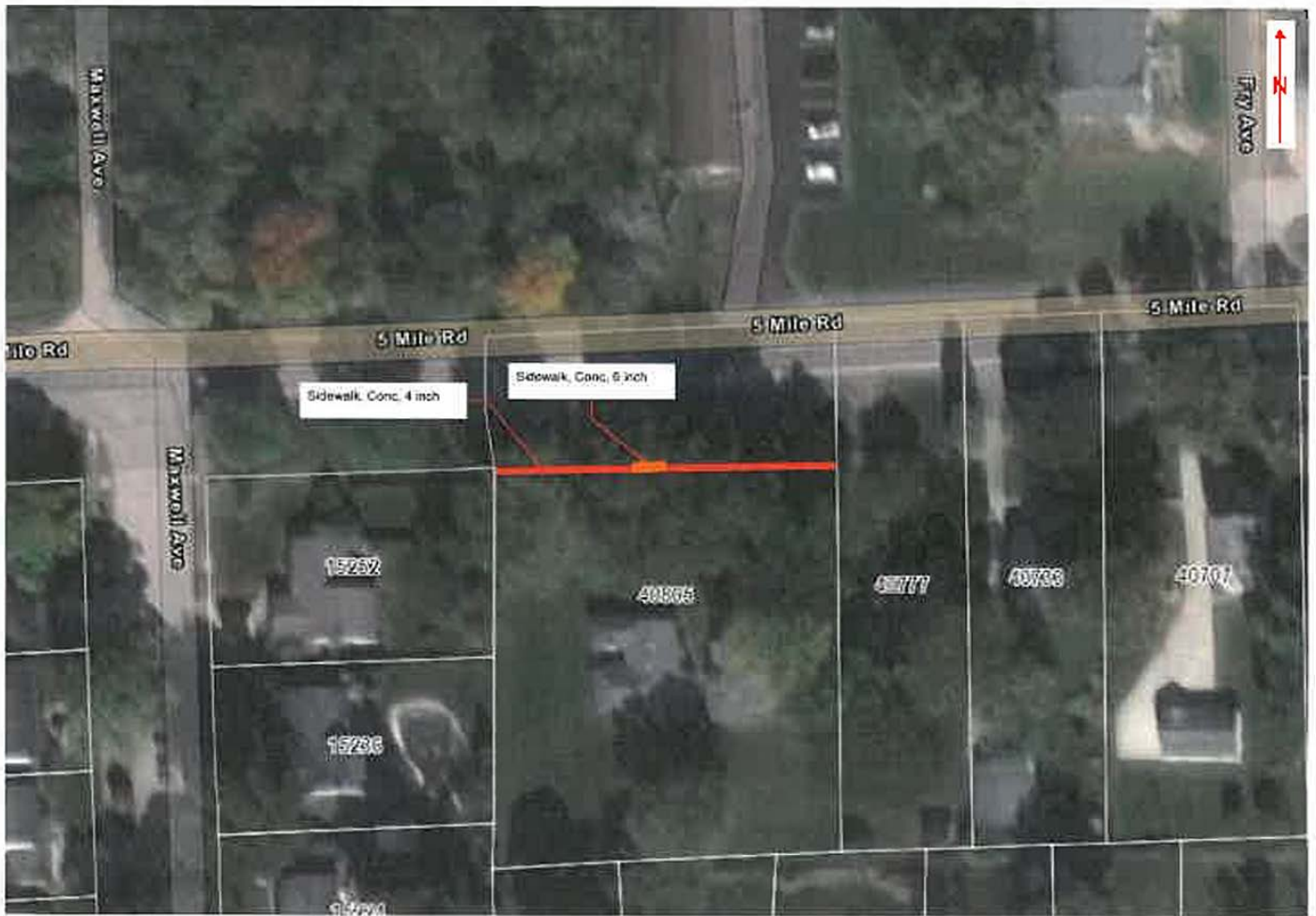
PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (40805 5 Mile Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: AD

PROJECT NO: PL21001-11
DATE: 3-Aug-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 2,120.06	\$ 2,120.06
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 1,113.03	\$ 1,113.03
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 1,060.03	\$ 1,060.03
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
8	PL18-006 HMA Surface, Rem	25	SY	\$ 11.00	\$ 275.00
9	PL20-008 Excavation, Earth	23	CY	\$ 35.00	\$ 793.98
11	PL18-006 Sidewalk Grading	2	STA	\$ 1,400.00	\$ 2,800.00
12	PL20-008 Subbase, CIP	23	CY	\$ 58.00	\$ 1,315.74
13	PL18-006 Aggregate Base, 4 Inch	10	SY	\$ 10.00	\$ 100.00
14	PL18-006 Sidewalk, Conc, 4 Inch	735	SF	\$ 4.50	\$ 3,307.50
18	PL18-006 HMA Driveway, Complete	25	SY	\$ 235.00	\$ 5,875.00
19	Restoration	327	SY	\$ 5.00	\$ 1,633.33
20	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
21	PL20-007 Inspection Crew Days	3	DAY	\$ 700.00	\$ 2,100.00
Construction Subtotal:					\$ 25,493.67
Potential Easement Cost:					\$ 2,209.87
Contingency:					20% \$ 5,540.71
Construction Total:					\$ 33,244.25
Design Engineering:					10.00% \$ 3,324.43
Contract Administration:					6.00% \$ 1,994.66
Material Testing:					2.0% \$ 664.89
OPINION OF PROBABLE CONSTRUCTION COST					
Total Estimated Project Cost:					\$ 39,228.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (5 Mile Rd and Maxwell Ave)



* An easement is required from this homeowner for sidewalk construction (40805 Five Mile Road).

OPINION OF PROBABLE CONSTRUCTION COST

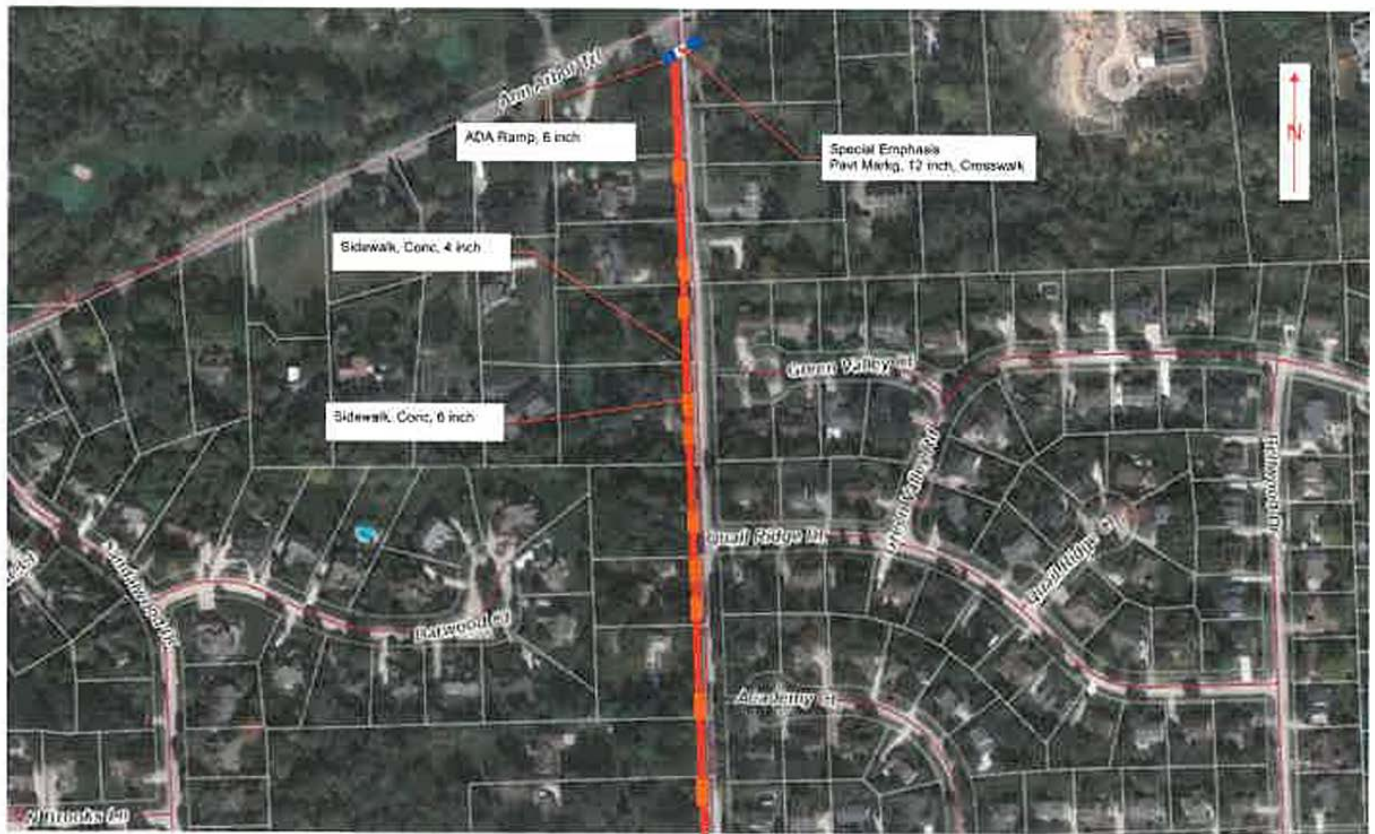
PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (McClumpha)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 42,598.19	\$ 42,598.19
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 22,364.05	\$ 22,364.05
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 21,299.10	\$ 21,299.10
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	35	EA	\$ 1,200.00	\$ 42,000.00
6	0.00 Tree, Replace	35	EA	\$ 1,200.00	\$ 42,000.00
7	M2010001 Clearing	0.25	ACRE	\$ 10,000.00	\$ 2,500.00
8	PL18-006 Sidewalk, Rem	208	SY	\$ 11.00	\$ 2,291.67
9	PL18-006 HMA Surface, Rem	175	SY	\$ 11.00	\$ 1,925.00
10	PL20-008 Excavation, Earth	443	CY	\$ 35.00	\$ 15,501.54
11	PL18-006 Sidewalk Grading	33	STA	\$ 1,400.00	\$ 46,200.00
12	PL20-007 Pavt Markg, Ovly Cold Plastic, 12 Inch, Crosswalk	135	FT	\$ 5.50	\$ 742.50
13	PL18-006 Subgrade Undercut (As Needed)	210	CY	\$ 35.00	\$ 7,334.88
14	PL20-007 Curb and Gutter, Conc, Rem	20	FT	\$ 15.00	\$ 300.00
15	PL18-006 Curb and Gutter, Conc, Modified	20	FT	\$ 30.00	\$ 600.00
16	PL20-008 Subbase, CIP	443	CY	\$ 58.00	\$ 25,688.27
17	PL18-006 Aggregate Base, 4 Inch	2,263	SY	\$ 10.00	\$ 22,633.33
18	PL18-006 Aggregate Base, 8 Inch	47	SY	\$ 15.40	\$ 718.67
19	PL18-006 Sidewalk, Conc, 4 Inch	13,825	SF	\$ 4.50	\$ 62,212.50
20	PL18-006 Sidewalk, Conc, 6 Inch	2,625	SF	\$ 5.70	\$ 14,962.50
21	PL18-006 ADA Ramp, 6 inch	525	SF	\$ 7.00	\$ 3,675.00
22	PL18-006 ADA Detectable Warning Plate	35	SF	\$ 20.00	\$ 700.00
23	PL18-006 HMA, 36A	2	TON	\$ 350.00	\$ 779.63
24	PL18-006 HMA Driveway, Complete	117	SY	\$ 235.00	\$ 27,416.67
25	CH20002 Modular Block Retaining Wall	800	FSF	\$ 90.00	\$ 72,000.00
26	M4030004 Dr Structure Cover Adj, Case 1	1	EA	\$ 622.00	\$ 622.00
27	0.00 Restoration	1,276	SY	\$ 5.00	\$ 6,377.78
28	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
29	PL20-007 Inspection Crew Days	34	DAY	\$ 700.00	\$ 23,800.00
		Construction Subtotal:			\$ 512,243.27
		Potential Easement Cost:			\$ 3,902.65
		Contingency:		20%	\$ 103,229.18
		Construction Total:			\$ 619,375.10
		Design Engineering:		10.00%	\$ 61,937.51
		Contract Administration:		6.00%	\$ 37,162.51
		Material Testing:		2.0%	\$ 12,387.50
OPINION OF PROBABLE CONSTRUCTION COST		Total Estimated Project Cost:			\$ 730,863.00

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Plymouth Sidewalk Gap 5 year Plan (McClumpha)



Plymouth Sidewalk Gap 5 year Plan (McClumpha)



* A sidewalk easement will be required from 2 properties on the west side of McClumpha Rd.
R-78-054-99-0015-000 (NE corner of Ann Arbor Rd and McClumpha Rd)
46450 Shamrock Ln

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Powell Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
North Side of Powell Road					
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 24,711.34	\$ 24,711.34
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 14,767.59	\$ 14,767.59
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 14,064.37	\$ 14,064.37
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	25	EA	\$ 1,200.00	\$ 30,000.00
6	0.00 Tree, Replace	25	EA	\$ 1,200.00	\$ 30,000.00
7	PL18-006 Sidewalk, Rem	17	SY	\$ 11.00	\$ 183.33
8	PL18-006 HMA Surface, Rem	200	SY	\$ 11.00	\$ 2,200.00
9	PL20-007 Excavation, Earth	311	CY	\$ 35.00	\$ 10,883.49
10	PL18-006 Subgrade Undercut (As Needed)	133	CY	\$ 35.00	\$ 4,645.06
11	PL20-007 Curb and Gutter, Conc, Rem	10	FT	\$ 15.00	\$ 150.00
12	PL18-006 Curb and Gutter, Conc, Modified	11	FT	\$ 30.00	\$ 330.00
13	PL18-006 Sidewalk Grading	22	STA	\$ 1,400.00	\$ 30,800.00
14	PL20-008 Subbase, CIP	311	CY	\$ 58.00	\$ 18,035.49
15	PL18-006 Aggregate Base, 4 Inch	1,433	SY	\$ 10.00	\$ 14,333.33
16	PL18-006 Aggregate Base, 8 Inch	13	SY	\$ 15.40	\$ 205.33
17	PL18-006 Sidewalk, Conc, 4 Inch	9,550	SF	\$ 4.50	\$ 42,975.00
18	PL18-006 Sidewalk, Conc, 6 Inch	875	SF	\$ 5.70	\$ 3,847.50
19	PL18-006 ADA Ramp, 6 inch	525	SF	\$ 7.00	\$ 3,675.00
20	PL18-006 ADA Detectable Warning Plate	35	SF	\$ 20.00	\$ 700.00
21	PL18-006 HMA, 36A	1	TON	\$ 350.00	\$ 288.75
22	PL18-006 HMA Driveway, Complete	133	SY	\$ 235.00	\$ 31,333.33
23	0.00 Restoration	896	SY	\$ 5.00	\$ 4,477.78
24	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
25	PL20-007 Inspection Crew Days	22	DAY	\$ 700.00	\$ 15,050.00
Construction Subtotal:					\$ 300,656.70
South Side of Powell Road (47941 Powell Road)					
1	PL18-006 Tree, Rem, Complete	2	EA	\$ 1,200.00	\$ 2,400.00
2	0.00 Tree, Replace	2	EA	\$ 1,200.00	\$ 2,400.00
3	PL18-006 HMA Surface, Rem	25	SY	\$ 11.00	\$ 275.00
4	PL20-008 Excavation, Earth	51	CY	\$ 35.00	\$ 1,782.41
5	PL18-006 Subgrade Undercut (As Needed)	21	CY	\$ 35.00	\$ 745.37
6	PL18-006 Sidewalk Grading	4	STA	\$ 1,400.00	\$ 4,900.00
6	PL20-008 Subbase, CIP	51	CY	\$ 58.00	\$ 2,953.70
7	PL18-006 Aggregate Base, 4 Inch	230	SY	\$ 10.00	\$ 2,300.00
8	PL18-006 Sidewalk, Conc, 4 Inch	1,650	SF	\$ 4.50	\$ 7,425.00
9	PL18-006 Sidewalk, Conc, 6 Inch	75	SF	\$ 5.70	\$ 427.50
10	PL18-006 HMA Driveway, Complete	17	SY	\$ 235.00	\$ 3,916.67
11	0.00 Restoration	147	SY	\$ 5.00	\$ 733.33
12	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
13	PL20-007 Inspection Crew Days	3	DAY	\$ 700.00	\$ 2,415.00
Construction Subtotal:					\$ 34,173.98
Potential Easement Cost:					\$ 1,010.47
Contingency:					20% \$ 67,168.23
Construction Total:					\$ 403,009.39
Design Engineering:					10.00% \$ 40,300.94
Contract Administration:					6.00% \$ 24,180.56
Material Testing:					2.0% \$ 8,060.19
OPINION OF PROBABLE CONSTRUCTION COST					Total Estimated Project Cost: \$ 475,551.00

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Plymouth Sidewalk Gap 5 year Plan (Powell Rd)



* A sidewalk easement will be required from 1 homeowner on Powell Rd.
47941 Powell Rd

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Main Street West Side)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.		ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 28,173.91	\$ 28,173.91
2	PL18-006	Soil Erosion Control Measures	1	LS	\$ 14,791.30	\$ 14,791.30
3	PL18-006	Temporary Traffic Control Devices	1	LS	\$ 14,086.96	\$ 14,086.96
4	PL18-006	Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006	Tree, Rem, Complete	18	EA	\$ 1,200.00	\$ 21,600.00
6	0	Tree, Replace	18	EA	\$ 1,200.00	\$ 21,600.00
7	PL18-006	Sidewalk, Rem	497	SY	\$ 11.00	\$ 5,469.44
8	PL18-006	HMA Surface, Rem	258	SY	\$ 11.00	\$ 2,841.67
9	PL20-008	Excavation, Earth	279	CY	\$ 35.00	\$ 9,749.23
10	PL18-006	Subgrade Undercut (As Needed)	165	CY	\$ 35.00	\$ 5,779.32
11	PL18-006	Sidewalk Grading	27	STA	\$ 1,400.00	\$ 37,450.00
12	PL20-008	Subbase, CIP	279	CY	\$ 58.00	\$ 16,155.86
13	PL18-006	Aggregate Base, 4 Inch	1,677	SY	\$ 10.00	\$ 16,766.67
14	PL18-006	Sidewalk, Conc, 4 Inch	8,425	SF	\$ 4.50	\$ 37,912.50
15	PL18-006	Sidewalk, Conc, 6 Inch	4,350	SF	\$ 5.70	\$ 24,795.00
16	PL18-006	ADA Ramp, 6 inch	600	SF	\$ 7.00	\$ 4,200.00
17	PL18-006	ADA Detectable Warning Plate	40	SF	\$ 20.00	\$ 800.00
18	PL18-006	HMA Driveway, Complete	217	SY	\$ 235.00	\$ 50,916.67
19	0	Restoration	796	SY	\$ 5.00	\$ 3,977.78
20	PL18-006	Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
21	PL20-007	Inspection Crew Days	27	DAY	\$ 700.00	\$ 18,725.00
			Construction Subtotal:			\$ 338,791.31
			Potential Easement Cost:			\$ 14,202.65
			Contingency: 20%			\$ 70,598.79
			Construction Total:			\$ 423,592.76
			Design Engineering: 10.00%			\$ 42,359.28
			Contract Administration: 6.00%			\$ 25,415.57
			Material Testing: 2.0%			\$ 8,471.86
OPINION OF PROBABLE CONSTRUCTION COST			Total Estimated Project Cost:			\$ 499,839.00

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Plymouth Sidewalk Gap 5 year Plan (Main Street West Side)



Plymouth Sidewalk Gap 5 year Plan (Main Street West Side)



* A sidewalk easement is required from 3 properties on the west side of Main Street.
 8909 Main St
 9211 Main St
 9409 Main St

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Main Street East Side)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 28,755.56	\$ 28,755.56
2	PL18-006 Soil Erosion	1	LS	\$ 15,096.67	\$ 15,096.67
3	PL18-006 Traffic Control	1	LS	\$ 14,377.78	\$ 14,377.78
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	26	EA	\$ 1,200.00	\$ 31,200.00
6	0.00 Tree, Replace	26	EA	\$ 1,200.00	\$ 31,200.00
7	PL18-006 Sidewalk, Rem	108	SY	\$ 11.00	\$ 1,191.67
8	PL18-006 HMA Surface, Rem	442	SY	\$ 11.00	\$ 4,858.33
9	PL20-008 Excavation, Earth	276	CY	\$ 35.00	\$ 9,668.21
10	PL20-007 Curb and Gutter, Conc, Rem	10	FT	\$ 15.00	\$ 150.00
11	PL20-007 Pavt Markg, Only Cold Plastic, 12 Inch, Crosswalk	54	FT	\$ 5.50	\$ 297.00
12	PL18-006 Subgrade Undercut (As Needed)	135	CY	\$ 35.00	\$ 4,709.88
13	PL18-006 Sidewalk Grading	22	STA	\$ 1,400.00	\$ 30,800.00
14	PL20-008 Subbase, CIP	276	CY	\$ 58.00	\$ 16,021.60
15	PL18-006 Aggregate Base, 4 Inch	1,453	SY	\$ 10.00	\$ 14,533.33
16	PL18-006 Aggregate Base, 8 Inch	40	SY	\$ 15.40	\$ 616.00
17	PL18-006 Sidewalk, Conc, 4 Inch	8,650	SF	\$ 4.50	\$ 38,925.00
18	PL18-006 Sidewalk, Conc, 6 Inch	1,950	SF	\$ 5.70	\$ 11,115.00
19	PL18-006 ADA Ramp, 6 Inch	300	SF	\$ 7.00	\$ 2,100.00
20	PL18-006 ADA Detectable Warning Plate	20	SF	\$ 20.00	\$ 400.00
21	PL18-006 HMA, 36A	3	TON	\$ 350.00	\$ 981.75
22	PL18-006 HMA Driveway, Complete	283	SY	\$ 235.00	\$ 66,583.33
23	0.00 Restoration	789	SY	\$ 5.00	\$ 3,944.44
24	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
25	PL20-007 Inspection Crew Days	22	DAY	\$ 700.00	\$ 15,260.00
Construction Subtotal:					\$ 345,785.55
Contingency:				20%	\$ 69,157.11
Construction Total:					\$ 414,942.66
Design Engineering:				10.00%	\$ 41,494.27
Contract Administration:				6.00%	\$ 24,896.56
Material Testing:				2.0%	\$ 8,298.85
OPINION OF PROBABLE CONSTRUCTION COST				Total Estimated Project Cost:	\$ 489,632.00

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Plymouth Sidewalk Gap 5 year Plan (Main Street East Side)



Plymouth Sidewalk Gap 5 year Plan (Main Street East Side)



OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Trail)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 31,240.13	\$ 31,240.13
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 16,401.07	\$ 16,401.07
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 15,620.06	\$ 15,620.06
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	22	EA	\$ 1,200.00	\$ 26,400.00
6	0.00 Tree, Replace	22	EA	\$ 1,200.00	\$ 26,400.00
7	M2010001 Clearing	0.13	ACRE	\$ 10,000.00	\$ 1,290.00
8	PL18-006 Sidewalk, Rem	83	SY	\$ 11.00	\$ 916.67
9	PL18-006 HMA Surface, Rem	225	SY	\$ 11.00	\$ 2,475.00
10	PL20-008 Excavation, Earth	263	CY	\$ 35.00	\$ 9,214.51
11	PL18-006 Subgrade Undercut (As Needed)	120	CY	\$ 35.00	\$ 4,204.32
12	PL20-007 Curb and Gutter, Conc, Rem	10	FT	\$ 15.00	\$ 150.00
13	PL18-006 Curb and Gutter, Conc, Modified	10	FT	\$ 30.00	\$ 300.00
14	PL18-006 Sidewalk Grading	21	STA	\$ 1,400.00	\$ 29,400.00
15	PL20-008 Subbase, CIP	263	CY	\$ 58.00	\$ 15,269.75
16	PL18-006 Aggregate Base, 4 Inch	1,297	SY	\$ 10.00	\$ 12,973.33
17	PL18-006 Aggregate Base, 8 Inch	13	SY	\$ 15.40	\$ 205.33
18	PL18-006 Sidewalk, Conc, 4 Inch	8,455	SF	\$ 4.50	\$ 38,047.50
19	PL18-006 Sidewalk, Conc, 6 Inch	1,200	SF	\$ 5.70	\$ 6,840.00
20	PL18-006 ADA Ramp, 6 inch	75	SF	\$ 7.00	\$ 525.00
21	PL18-006 ADA Detectable Warning Plate	5	SF	\$ 20.00	\$ 100.00
22	PL18-006 HMA, 36A	1	TON	\$ 350.00	\$ 288.75
23	PL18-006 HMA Driveway, Complete	150	SY	\$ 235.00	\$ 35,250.00
24	CH20002 Modular Block Retaining Wall	904	FSF	\$ 90.00	\$ 81,360.00
25	0.00 Restoration	758	SY	\$ 5.00	\$ 3,791.11
26	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
27	PL20-007 Inspection Crew Days	20	DAY	\$ 700.00	\$ 14,000.00
Construction Subtotal:					\$ 375,662.53
Contingency: 20%					\$ 75,132.51
Construction Total:					\$ 450,795.04
Design Engineering: 10.00%					\$ 45,079.50
Contract Administration: 6.00%					\$ 27,047.70
Material Testing: 2.0%					\$ 9,015.90
OPINION OF PROBABLE CONSTRUCTION COST					Total Estimated Project Cost: \$ 531,938.00

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Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Trail)



OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (North Territorial North Side)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 15,414.69	\$ 15,414.69
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 8,092.71	\$ 8,092.71
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 7,707.35	\$ 7,707.35
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	18	EA	\$ 1,200.00	\$ 21,600.00
6	0.00 Tree, Replace	18	EA	\$ 1,200.00	\$ 21,600.00
7	PL18-006 HMA Surface, Rem	133	SY	\$ 11.00	\$ 1,466.67
8	PL20-008 Excavation, Earth	176	CY	\$ 35.00	\$ 6,146.60
9	PL18-006 Subgrade Undercut (As Needed)	76	CY	\$ 35.00	\$ 2,653.09
10	PL18-006 Sidewalk Grading	13	STA	\$ 1,400.00	\$ 17,500.00
11	PL20-008 Subbase, CIP	176	CY	\$ 58.00	\$ 10,185.80
12	PL18-006 Aggregate Base, 4 Inch	819	SY	\$ 10.00	\$ 8,186.67
13	PL18-006 Aggregate Base, 8 Inch	10	SY	\$ 15.40	\$ 154.00
14	PL18-006 Sidewalk, Conc, 4 Inch	5,540	SF	\$ 4.50	\$ 24,930.00
15	PL18-006 Sidewalk, Conc, 6 Inch	450	SF	\$ 5.70	\$ 2,565.00
16	PL18-006 ADA Ramp, 6 inch	150	SF	\$ 7.00	\$ 1,050.00
17	PL18-006 ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
18	PL18-006 HMA, 36A	1	TON	\$ 350.00	\$ 242.55
19	PL18-006 HMA Driveway, Complete	92	SY	\$ 235.00	\$ 21,541.67
20	0.00 Restoration	506	SY	\$ 5.00	\$ 2,528.89
21	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
22	PL20-007 Inspection Crew Days	12	DAY	\$ 700.00	\$ 8,596.00
Construction Subtotal:					\$ 185,361.69
Potential Easement Cost:					\$ 1,838.37
Contingency: 20%					\$ 37,440.01
Construction Total:					\$ 224,640.06
Design Engineering: 10.00%					\$ 22,464.01
Contract Administration: 6.00%					\$ 13,478.40
Material Testing: 2.0%					\$ 4,492.80
OPINION OF PROBABLE CONSTRUCTION COST					Total Estimated Project Cost: \$ 265,075.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (North Territorial North Side)



* A sidewalk easement is required from 1 homeowner on the north side of North Territorial Rd.
13550 Emrick Dr

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Willcox Plymouth Township)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 16,307.92	\$ 16,307.92
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 8,561.66	\$ 8,561.66
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 8,153.96	\$ 8,153.96
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	22	EA	\$ 1,200.00	\$ 26,400.00
6	0 Tree, Replace	22	EA	\$ 1,200.00	\$ 26,400.00
7	M8237050 Hydrant, Rem, Modified	1	EA	\$ 1,100.00	\$ 1,100.00
8	0 Hydrant Assembly	1	EA	\$ 4,500.00	\$ 4,500.00
9	PL18-006 Sidewalk, Rem	83	SY	\$ 11.00	\$ 916.67
10	PL18-006 HMA Surface, Rem	50	SY	\$ 11.00	\$ 550.00
11	PL20-008 Excavation, Earth	49	CY	\$ 35.00	\$ 1,712.19
12	M2040035 Guardrail, Rem	50	FT	\$ 2.00	\$ 100.00
13	M8070000-10 Guardrail, Type B	25	FT	\$ 25.00	\$ 625.00
14	M8070050 Guardrail Approach Terminal, Type 2B	4	EA	\$ 2,300.00	\$ 9,200.00
15	PL20-007 Pavt Markg, Only Cold Plastic, 12 Inch, Crosswalk (Special Emphasis)	56	FT	\$ 5.50	\$ 308.00
16	PL18-006 Subgrade Undercut (As Needed)	21	CY	\$ 35.00	\$ 749.69
17	PL18-006 Sidewalk Grading	8	STA	\$ 1,400.00	\$ 11,200.00
18	PL20-008 Subbase, CIP	49	CY	\$ 58.00	\$ 2,837.35
19	PL18-006 Aggregate Base, 4 Inch	218	SY	\$ 10.00	\$ 2,180.00
20	PL18-006 Sidewalk, Conc, 4 Inch	1,435	SF	\$ 4.50	\$ 6,457.50
21	PL18-006 Sidewalk, Conc, 6 Inch	150	SF	\$ 5.70	\$ 855.00
22	PL18-006 ADA Ramp, 6 Inch	150	SF	\$ 7.00	\$ 1,050.00
23	PL18-006 ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
24	PL18-006 HMA Driveway, Complete	33	SY	\$ 235.00	\$ 7,833.33
25	CH20002 Modular Block Retaining Wall	540	FSF	\$ 90.00	\$ 48,600.00
26	0 Restoration	141	SY	\$ 5.00	\$ 704.44
27	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
28	PL20-007 Inspection Crew Days	8	DAY	\$ 700.00	\$ 5,600.00
Construction Subtotal:					\$ 196,102.71
Potential Easement Cost (from homeowner):					\$1,018.09
Potential Easement Cost (from City of Detroit):					\$7,916.54
Contingency: 20%					\$ 41,007.47
Construction Total:					\$ 246,044.79
Design Engineering: 10.00%					\$ 24,604.48
Contract Administration: 6.00%					\$ 14,762.69
Material Testing: 2.0%					\$ 4,920.90
OPINION OF PROBABLE CONSTRUCTION COST				Total Estimated Project Cost:	\$ 290,333.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Wilcox Plymouth Township)



***A sidewalk easement will be required from 2 properties on the north side of Wilcox Rd.**

41680 Wilcox Rd

Parcel ID: 78-017-03-0035-301 (corner property on Wilcox Rd and Edward N Hines Dr owned by City of Detroit)

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Wilcox Rd City of Plymouth)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 36,490.75	\$ 36,490.75
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 19,157.65	\$ 19,157.65
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 18,245.38	\$ 18,245.38
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem. Complete	30	EA	\$ 1,200.00	\$ 36,000.00
6	0 Tree, Replace	30	EA	\$ 1,200.00	\$ 36,000.00
7	M2010001 Clearing	0	ACRE	\$ 10,000.00	\$ 1,500.00
8	PL18-006 Sidewalk, Rem	50	SY	\$ 11.00	\$ 550.00
9	PL20-008 Excavation, Earth	116	CY	\$ 35.00	\$ 4,072.53
10	PL20-007 Pavt Markg, Ovlv Cold Plastic, 12 Inch, Crosswalk	30	FT	\$ 5.50	\$ 165.00
11	PL18-006 Subgrade Undercut (As Needed)	47	CY	\$ 35.00	\$ 1,629.01
12	PL20-007 Curb and Gutter, Conc, Rem	10	FT	\$ 15.00	\$ 150.00
13	PL18-006 Curb and Gutter, Conc, Modified	735	FT	\$ 30.00	\$ 22,050.00
14	PL18-006 Sidewalk Grading	8	STA	\$ 1,400.00	\$ 11,200.00
15	PL20-008 Subbase, CIP	116	CY	\$ 58.00	\$ 6,748.77
16	PL18-006 Aggregate Base, 4 Inch	503	SY	\$ 10.00	\$ 5,026.67
17	PL18-006 Sidewalk, Conc, 4 Inch	3,620	SF	\$ 4.50	\$ 16,290.00
18	PL18-006 ADA Ramp, 6 inch	150	SF	\$ 7.00	\$ 1,050.00
19	PL18-006 ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
20	0 Restoration	335	SY	\$ 5.00	\$ 1,675.56
21	CH20002 Dr Structure, Adj, Case 2	1	EA	\$ 600.00	\$ 600.00
22	CH20002 Wood Rail Fence	400	LF	\$ 125.00	\$ 50,000.00
23	CH20002 Modular Block Retaining Wall	1,600	FSF	\$ 100.00	\$ 160,000.00
24	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
25	PL20-007 Inspection Crew Days	10	DAY	\$ 700.00	\$ 7,000.00
Construction Subtotal:					\$ 438,801.31
Potential Easement Cost (from City of Detroit):					\$ 12,211.68
Contingency:				20%	\$ 90,202.60
Construction Total:					\$ 541,215.58
Design Engineering:				10.00%	\$ 54,121.56
Contract Administration:				6.00%	\$ 32,472.93
Material Testing:				2.0%	\$ 10,824.31
OPINION OF PROBABLE CONSTRUCTION COST					
Total Estimated Project Cost:					\$ 638,634.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Wilcox Rd City of Plymouth)



OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (12350 Ridge Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 2,707.74	\$ 2,707.74
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 1,421.57	\$ 1,421.57
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 1,353.87	\$ 1,353.87
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	3	EA	\$ 1,200.00	\$ 3,600.00
6	0.00 Tree, Replace	3	EA	\$ 1,200.00	\$ 3,600.00
7	PL18-006 Sidewalk, Rem	225	SY	\$ 11.00	\$ 2,475.00
8	PL20-008 Excavation, Earth	27	CY	\$ 35.00	\$ 945.22
9	PL18-006 Sidewalk Grading	2	STA	\$ 1,400.00	\$ 2,800.00
10	PL18-006 Subgrade Undercut (As Needed)	14	CY	\$ 35.00	\$ 475.31
11	PL20-008 Subbase, CIP	27	CY	\$ 58.00	\$ 1,566.36
12	PL18-006 Aggregate Base, 4 Inch	147	SY	\$ 10.00	\$ 1,466.67
13	PL18-006 Sidewalk, Conc, 4 Inch	875	SF	\$ 4.50	\$ 3,937.50
14	PL18-006 Sidewalk, Conc, 6 Inch	225	SF	\$ 5.70	\$ 1,282.50
15	0.00 Restoration	78	SY	\$ 5.00	\$ 388.89
16	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
17	PL20-007 Inspection Crew Days	2	DAY	\$ 700.00	\$ 1,540.00
Construction Subtotal:					\$ 32,560.62
Contingency: 20%					\$ 6,512.12
Construction Total:					\$ 39,072.74
Design Engineering:				10.00%	\$ 3,907.27
Contract Administration:				6.00%	\$ 2,344.36
Material Testing:				2.0%	\$ 781.45
OPINION OF PROBABLE CONSTRUCTION COST				Total Estimated Project Cost:	\$ 46,106.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (12350 Ridge Rd)



* Waiting on a signed sidewalk easement from this homeowner (Mark Katulski) as of 7/15/21.

OPINION OF PROBABLE CONSTRUCTION COST

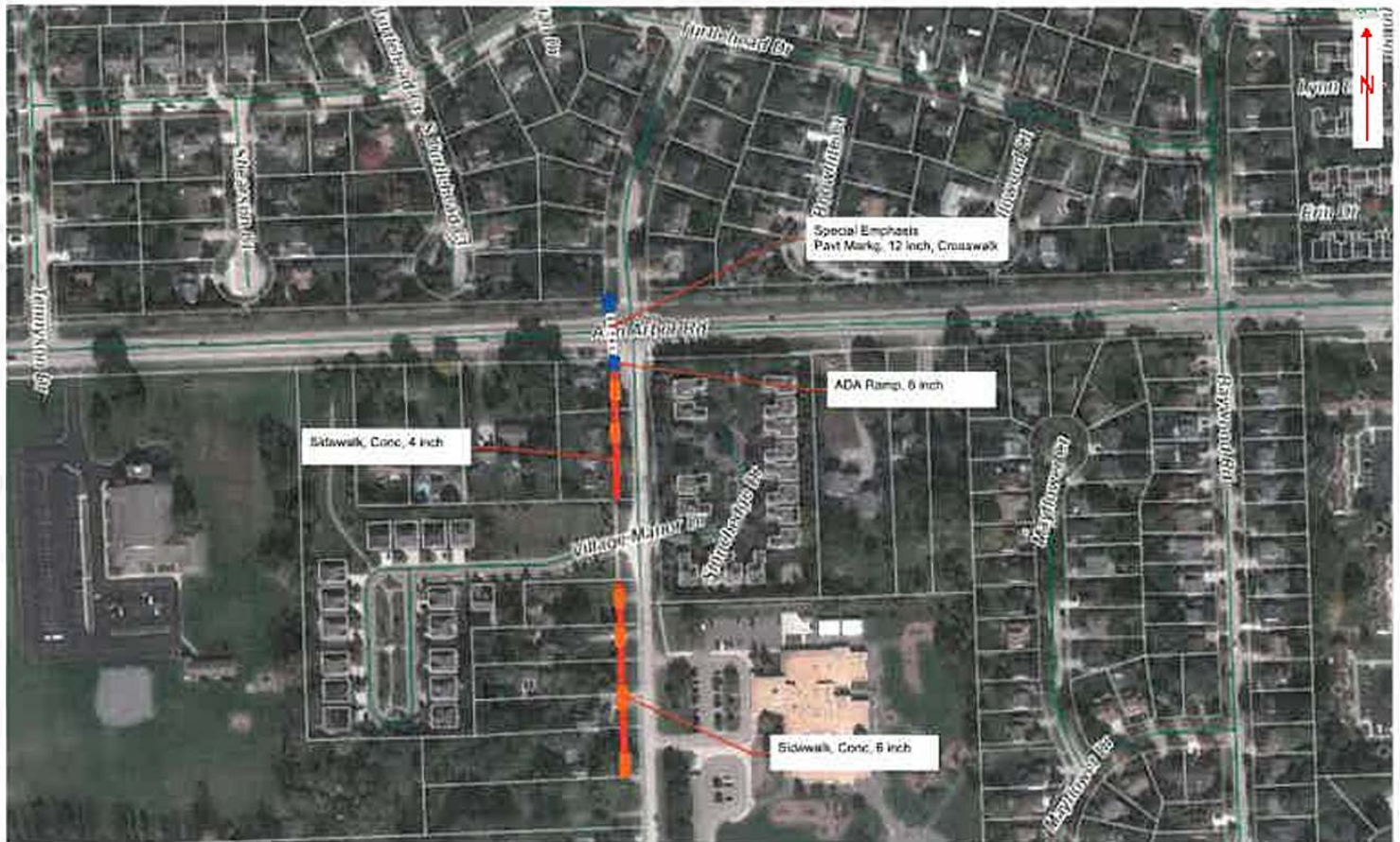
PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Canton Center Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.		ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 19,141.63	\$ 19,141.63
2	PL18-006	Soil Erosion Control Measures	1	LS	\$ 10,049.35	\$ 10,049.35
3	PL18-006	Temporary Traffic Control Devices	1	LS	\$ 9,570.81	\$ 9,570.81
4	PL18-006	Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006	Tree, Rem. Complete	14	EA	\$ 1,200.00	\$ 16,800.00
6	0.00	Tree, Replace	14	EA	\$ 1,200.00	\$ 16,800.00
7	PL18-006	Sidewalk, Rem	42	SY	\$ 11.00	\$ 458.33
8	PL18-006	HMA Surface, Rem	133	SY	\$ 11.00	\$ 1,466.67
9	PL20-008	Excavation, Earth	234	CY	\$ 35.00	\$ 8,204.48
10	PL18-006	Sidewalk Grading	20	STA	\$ 1,400.00	\$ 28,000.00
11	PL20-007	Pavt Markg, Ovly Cold Plastic, 12 Inch, Crosswalk	77	FT	\$ 5.50	\$ 423.50
12	PL18-006	Subgrade Undercut (As Needed)	114	CY	\$ 35.00	\$ 3,973.15
13	PL20-007	Curb and Gutter, Conc, Rem	20	FT	\$ 15.00	\$ 300.00
14	PL18-006	Curb and Gutter, Conc, Modified	20	FT	\$ 30.00	\$ 600.00
15	PL20-008	Subbase, CIP	234	CY	\$ 58.00	\$ 13,595.99
16	PL18-006	Aggregate Base, 4 Inch	1,226	SY	\$ 10.00	\$ 12,260.00
17	PL18-006	Aggregate Base, 8 Inch	130	SY	\$ 15.40	\$ 2,002.00
18	PL18-006	Sidewalk, Conc, 4 Inch	7,370	SF	\$ 4.50	\$ 33,165.00
19	PL18-006	Sidewalk, Conc, 6 Inch	1,600	SF	\$ 5.70	\$ 9,120.00
20	PL18-006	ADA Ramp, 6 inch	225	SF	\$ 7.00	\$ 1,575.00
21	PL18-006	ADA Detectable Warning Plate	15	SF	\$ 20.00	\$ 300.00
22	PL18-006	HMA, 36A	8	TON	\$ 350.00	\$ 2,887.50
23	PL18-006	HMA Driveway, Complete	86	SY	\$ 235.00	\$ 20,236.11
24	0.00	Restoration	675	SY	\$ 5.00	\$ 3,375.56
25	PL18-006	Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
26	PL20-007	Inspection Crew Days	18	DAY	\$ 700.00	\$ 12,873.00
			Construction Subtotal:			\$ 230,178.07
			Potential Easement Cost:			\$ 31,926.14
			Contingency:		20%	\$ 52,420.84
			Construction Total:			\$ 314,525.06
			Design Engineering:		10.00%	\$ 31,452.51
			Contract Administration:		6.00%	\$ 18,871.50
			Material Testing:		2.0%	\$ 6,290.50
OPINION OF PROBABLE CONSTRUCTION COST			Total Estimated Project Cost:			\$ 371,140.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Canton Center Rd)



Plymouth Sidewalk Gap 5 year Plan (Canton Center Rd from Joy Rd to Ann Arbor Rd)



***A sidewalk easement will be required from 15 properties on the west side of Canton Center Rd.**

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (44780 & 44736 Joy Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: SP

PROJECT NO: PL21001-11
DATE: 16-Jul-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 3,427.14	\$ 3,427.14
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 1,799.25	\$ 1,799.25
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 1,713.57	\$ 1,713.57
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Sidewalk, Rem	25	SY	\$ 11.00	\$ 275.00
6	PL18-006 HMA Surface, Rem	25	SY	\$ 11.00	\$ 275.00
7	PL20-008 Excavation, Earth	8	CY	\$ 35.00	\$ 270.06
8	PL18-006 Sidewalk Grading	1	STA	\$ 1,400.00	\$ 1,400.00
9	PL18-006 Subgrade Undercut (As Needed)	7	CY	\$ 35.00	\$ 237.65
10	PL20-008 Subbase, CIP	8	CY	\$ 58.00	\$ 447.53
11	PL18-006 Aggregate Base, 4 Inch	2,073	SY	\$ 10.00	\$ 20,733.33
12	PL18-006 Sidewalk, Conc, 4 Inch	250	SF	\$ 4.50	\$ 1,125.00
13	PL18-006 Sidewalk, Conc, 6 Inch	300	SF	\$ 5.70	\$ 1,710.00
14	PL18-006 HMA Driveway, Complete	17	SY	\$ 235.00	\$ 3,916.67
15	0.00 Restoration	22	SY	\$ 5.00	\$ 111.11
16	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
17	PL20-007 Inspection Crew Days	1	DAY	\$ 700.00	\$ 770.00
Construction Subtotal:					\$ 41,211.31
Contingency:				20%	\$ 8,242.26
Construction Total:					\$ 49,453.57
Design Engineering:				10.00%	\$ 4,945.36
Contract Administration:				6.00%	\$ 2,967.21
Material Testing:				2.0%	\$ 989.07
OPINION OF PROBABLE CONSTRUCTION COST				Total Estimated Project Cost:	\$ 58,355.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials; or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (44780 and 44736 Joy Rd)



*Easement obtained from homeowner.

OPINION OF PROBABLE CONSTRUCTION COST

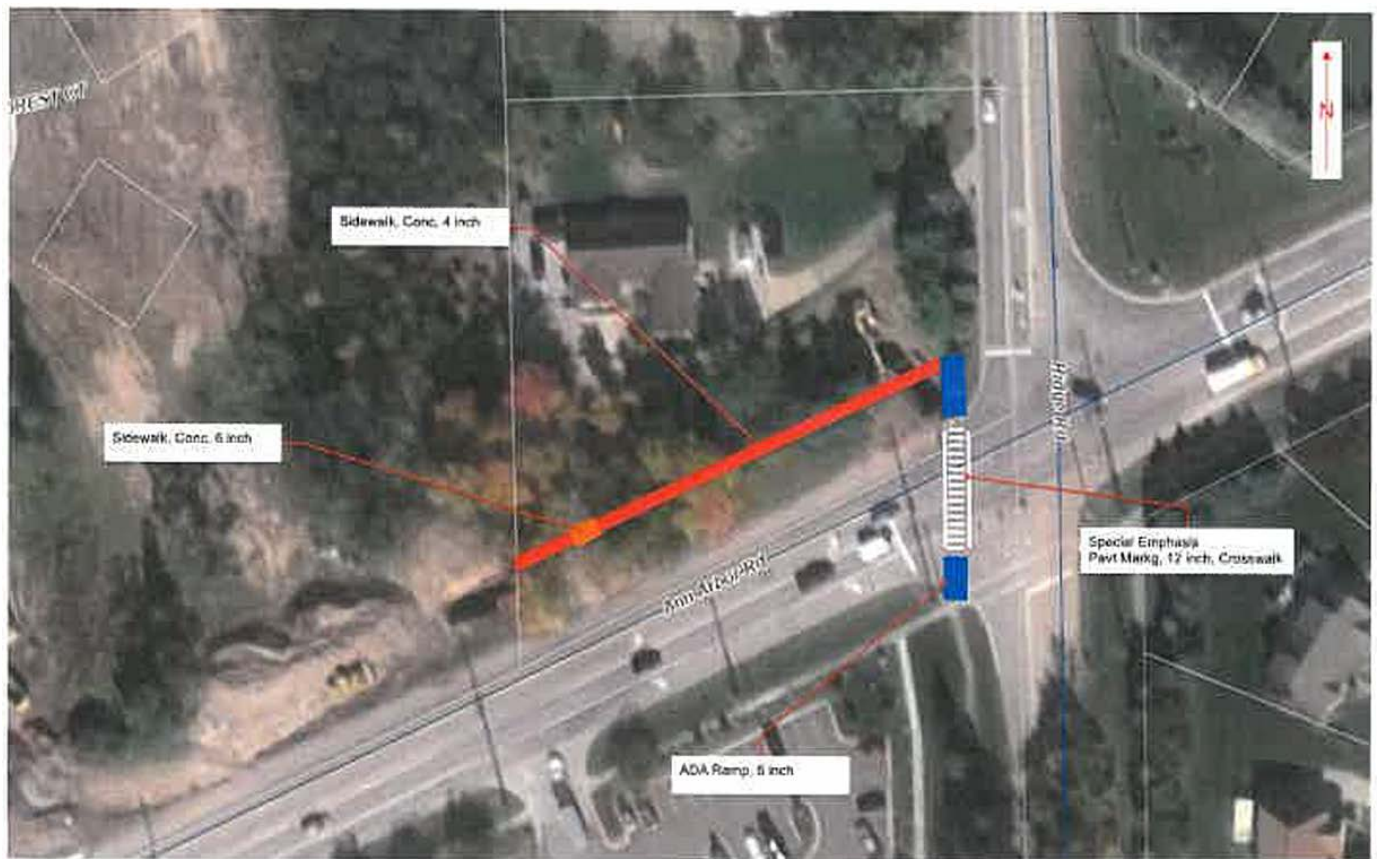
PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (49440 Ann Arbor Rd)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 2-Sep-21

NO.		ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 5,355.70	\$ 5,355.70
2	PL18-006	Soil Erosion Control Measures	1	LS	\$ 2,811.74	\$ 2,811.74
3	PL18-006	Temporary Traffic Control Devices	1	LS	\$ 2,677.85	\$ 2,677.85
4	PL18-006	Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006	Tree, Rem, Complete	10	EA	\$ 1,200.00	\$ 12,000.00
6	0	Tree, Replace	10	EA	\$ 1,200.00	\$ 12,000.00
7	PL18-006	Sidewalk, Rem	31	SY	\$ 11.00	\$ 336.11
8	PL20-008	Excavation, Earth	43	CY	\$ 35.00	\$ 1,512.35
9	PL20-007	Pavt Markg, Ovly Cold Plastic, 12 Inch, Crosswalk	48	FT	\$ 5.50	\$ 264.00
10	PL18-006	Subgrade Undercut (As Needed)	22	CY	\$ 35.00	\$ 766.98
11	PL20-007	Curb and Gutter, Conc, Rem	20	FT	\$ 15.00	\$ 300.00
12	PL18-006	Curb and Gutter, Conc, Modified	20	FT	\$ 30.00	\$ 600.00
13	PL18-006	Sidewalk Grading	4	STA	\$ 1,400.00	\$ 4,970.00
14	PL20-008	Subbase, CIP	43	CY	\$ 58.00	\$ 2,506.17
15	PL18-006	Aggregate Base, 4 Inch	217	SY	\$ 10.00	\$ 2,166.67
16	PL18-006	Sidewalk, Conc, 4 Inch	1,250	SF	\$ 4.50	\$ 5,625.00
17	PL18-006	Sidewalk, Conc, 6 Inch	375	SF	\$ 5.70	\$ 2,137.50
18	PL18-006	ADA Ramp, 6 inch	150	SF	\$ 7.00	\$ 1,050.00
19	PL18-006	ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
20	0	Restoration	124	SY	\$ 5.00	\$ 622.22
21	PL18-006	Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
22	0	Inspection Crew Days	5	DAY	\$ 700.00	\$ 3,500.00
Construction Subtotal:						\$ 64,402.29
Potential Easement Cost:						\$ 4,782.32
Contingency: 20%						\$ 13,836.92
Construction Total:						\$ 83,021.52
Design Engineering:						10.00% \$ 8,302.15
Contract Administration:						6.00% \$ 4,981.29
Material Testing:						2.0% \$ 1,660.43
OPINION OF PROBABLE CONSTRUCTION COST						
Total Estimated Project Cost:						\$ 97,965.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (49440 Ann Arbor Rd)



*A sidewalk easement will be required from homeowner at 49440 Ann Arbor Rd.

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Trail - west of Lorenz Way)
CLIENT NAME: Plymouth Township
PREPARED BY: AD

PROJECT NO: PL21001-11
DATE: 3-Aug-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 9,613.59	\$ 9,613.59
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 5,047.13	\$ 5,047.13
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 4,806.79	\$ 4,806.79
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	10	EA	\$ 1,200.00	\$ 12,000.00
6	0 Tree, Replace	10	EA	\$ 1,200.00	\$ 12,000.00
7	M2010001 Clearing	0	ACRE	\$ 10,000.00	\$ 1,500.00
8	PL18-006 Sidewalk, Rem	0	SY	\$ 11.00	\$ -
9	PL18-006 HMA Surface, Rem	25	SY	\$ 11.00	\$ 275.00
10	PL20-008 Excavation, Earth	141	CY	\$ 35.00	\$ 4,925.93
11	PL18-006 Subgrade Undercut (As Needed)	57	CY	\$ 35.00	\$ 1,991.98
12	PL18-006 Sidewalk Grading	10	STA	\$ 1,400.00	\$ 14,000.00
13	PL20-008 Subbase, CIP	141	CY	\$ 58.00	\$ 8,162.96
14	PL18-006 Aggregate Base, 4 Inch	10	SY	\$ 10.00	\$ 100.00
15	PL18-006 Sidewalk, Conc, 4 Inch	4,560	SF	\$ 4.50	\$ 20,520.00
16	PL18-006 Sidewalk, Conc, 6 Inch	50	SF	\$ 5.70	\$ 285.00
17	PL18-006 ADA Ramp, 6 inch	0	SF	\$ 7.00	\$ -
18	PL18-006 ADA Detectable Warning Plate	0	SF	\$ 20.00	\$ -
19	PL18-006 HMA Driveway, Complete	25	SY	\$ 235.00	\$ 5,875.00
20	0 Restoration	1,600	SY	\$ 5.00	\$ 8,000.00
21	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
22	PL20-007 Inspection Crew Days	5	DAY	\$ 700.00	\$ 3,500.00
		Construction Subtotal:			\$ 115,603.38
		Potential Easement Cost:			\$ 2,292.44
		Contingency:		20%	\$ 23,579.16
		Construction Total:			\$ 141,474.98
		Design Engineering:		10.00%	\$ 14,147.50
		Contract Administration:		6.00%	\$ 8,488.50
		Material Testing:		2.0%	\$ 2,829.50
OPINION OF PROBABLE CONSTRUCTION COST		Total Estimated Project Cost:			\$ 166,940.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Ann Arbor Rd & Lorenz Way)



*An easement is required from 45989 and 48201 Ann Arbor Trail.

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Joy Road between Beck and Ridge)
CLIENT NAME: Plymouth Township
PREPARED BY: AD

PROJECT NO: PL21001-11
DATE: 3-Aug-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 44,760.51	\$ 44,760.51
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 23,499.27	\$ 23,499.27
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 22,380.25	\$ 22,380.25
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	8	EA	\$ 1,200.00	\$ 9,600.00
6	- Tree, Replace	8	EA	\$ 1,200.00	\$ 9,600.00
7	PL18-006 HMA Surface, Rem	200	SY	\$ 11.00	\$ 2,200.00
8	PL20-008 Excavation, Earth	308	CY	\$ 35.00	\$ 10,786.27
9	PL18-006 Subgrade Undercut (As Needed)	124	CY	\$ 35.00	\$ 4,346.91
10	PL18-006 Sidewalk Grading	16	STA	\$ 1,400.00	\$ 22,400.00
11	PL20-008 Subbase, CIP	308	CY	\$ 58.00	\$ 17,874.38
12	PL18-006 Aggregate Base, 4 Inch	80	SY	\$ 10.00	\$ 800.00
13	PL18-006 Sidewalk, Conc, 4 Inch	9,810	SF	\$ 4.50	\$ 44,145.00
14	PL18-006 Sidewalk, Conc, 6 Inch	75	SF	\$ 5.70	\$ 427.50
15	PL18-006 ADA Ramp, 6 inch	175	SF	\$ 7.00	\$ 1,225.00
16	PL18-006 ADA Detectable Warning Plate	35	SF	\$ 20.00	\$ 700.00
17	PL18-006 HMA Driveway, Complete	200	SY	\$ 235.00	\$ 47,000.00
18	- Pedestrian Bridge	1	EA	\$ 250,000.00	\$ 250,000.00
19	- Restoration	3,300	SY	\$ 5.00	\$ 16,500.00
20	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
21	PL20-007 Inspection Crew Days	10	DAY	\$ 700.00	\$ 7,000.00
Construction Subtotal:					\$ 538,245.09
Potential Easement Cost:					\$ -
Contingency: 20%					\$ 107,649.02
Construction Total:					\$ 645,894.10
Design Engineering: 10.00%					\$ 64,589.41
Contract Administration: 6.00%					\$ 38,753.65
Material Testing: 2.0%					\$ 12,917.88
OPINION OF PROBABLE CONSTRUCTION COST					Total Estimated Project Cost: \$ 762,155.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Joy Rd between Beck & Ridge)



* No easements required

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Joy Rd between Main St and Morrison Ave)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 8-Sep-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 15,493.80	\$ 15,493.80
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 8,134.24	\$ 8,134.24
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 7,746.90	\$ 7,746.90
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	PL18-006 Tree, Rem, Complete	15	EA	\$ 1,200.00	\$ 18,000.00
6	- Tree, Replace	15	EA	\$ 1,200.00	\$ 18,000.00
7	PL18-006 Sidewalk, Rem	14	SY	\$ 11.00	\$ 152.78
8	PL18-006 HMA Surface, Rem	117	SY	\$ 11.00	\$ 1,283.33
9	PL20-008 Excavation, Earth	194	CY	\$ 35.00	\$ 6,789.35
10	PL20-007 Pavt Markg, Ovly Cold Plastic, 12 Inch, Crosswalk	48	FT	\$ 5.50	\$ 264.00
11	PL18-006 Subgrade Undercut (As Needed)	89	CY	\$ 35.00	\$ 3,126.23
12	PL20-007 Curb and Gutter, Conc, Rem	50	FT	\$ 15.00	\$ 750.00
13	PL18-006 Curb and Gutter, Conc, Modified	50	FT	\$ 30.00	\$ 1,500.00
14	PL18-006 Sidewalk Grading	13	STA	\$ 1,400.00	\$ 18,200.00
15	PL20-008 Subbase, CIP	194	CY	\$ 58.00	\$ 11,250.93
16	PL18-006 Aggregate Base, 4 Inch	127	SY	\$ 10.00	\$ 1,266.67
17	PL18-006 Aggregate Base, 8 Inch	143	SY	\$ 15.40	\$ 2,207.33
18	PL18-006 Sidewalk, Conc, 4 Inch	5,910	SF	\$ 4.50	\$ 26,595.00
19	PL18-006 Sidewalk, Conc, 6 Inch	950	SF	\$ 5.70	\$ 5,415.00
20	PL18-006 ADA Ramp, 6 inch	375	SF	\$ 7.00	\$ 2,625.00
21	PL18-006 ADA Detectable Warning Plate	25	SF	\$ 20.00	\$ 500.00
22	PL18-006 HMA, 36A	10	TON	\$ 350.00	\$ 3,465.00
23	PL18-006 HMA Driveway, Complete	75	SY	\$ 235.00	\$ 17,625.00
24	- Restoration	559	SY	\$ 5.00	\$ 2,793.33
25	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
26	PL20-007 Inspection Crew Days	14	DAY	\$ 700.00	\$ 10,129.00
Construction Subtotal:					\$ 186,312.89
Potential Easement Cost:					\$ 2,610.68
Contingency: 20%					\$ 37,784.71
Construction Total:					\$ 226,708.28
Design Engineering: 10.00%					\$ 22,670.83
Contract Administration: 6.00%					\$ 13,602.50
Material Testing: 2.0%					\$ 4,534.17
OPINION OF PROBABLE CONSTRUCTION COST					Total Estimated Project Cost: \$ 267,516.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

OPINION OF PROBABLE CONSTRUCTION COST

PROJECT NAME: Plymouth Sidewalk Gap 5 year Plan (Joy Rd between Main St and Morrison Av - Alternative 1)
CLIENT NAME: Plymouth Township
PREPARED BY: LE

PROJECT NO: PL21001-11
DATE: 13-Sep-21

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	PL18-006 Bonds, Insurance and Mobilization (10% Max)	1	LS	\$ 2,794.52	\$ 2,794.52
2	PL18-006 Soil Erosion Control Measures	1	LS	\$ 1,467.12	\$ 1,467.12
3	PL18-006 Temporary Traffic Control Devices	1	LS	\$ 1,397.26	\$ 1,397.26
4	PL18-006 Pre-Construction Audio-Visual	1	LS	\$ 1,500.00	\$ 1,500.00
5	MN20-001 Rectangular Rapid Flashing Beacon	2	EA	\$ 10,000.00	\$ 20,000.00
6	MN20-002 Sign, Type IIIB	33	SF	\$ 20.00	\$ 660.00
7	MN20-003 Post, Steel, 3 Lb	128	FT	\$ 10.00	\$ 1,280.00
8	PL20-008 Excavation, Earth	4	CY	\$ 35.00	\$ 135.03
9	PL20-007 Pavt Markg, Ovly Cold Plastic, 12 Inch, Crosswalk	50	FT	\$ 5.50	\$ 275.00
10	PL18-006 Aggregate Base, 4 Inch	5	SY	\$ 10.00	\$ 46.30
11	PL18-006 Sidewalk, Conc, 6 Inch	50	SF	\$ 5.70	\$ 285.00
12	PL18-006 ADA Ramp, 6 inch	75	SF	\$ 7.00	\$ 525.00
13	PL18-006 ADA Detectable Warning Plate	10	SF	\$ 20.00	\$ 200.00
14	0 Restoration	28	SY	\$ 5.00	\$ 138.89
15	PL18-006 Permit Allowance	1	LS	\$ 1,500.00	\$ 1,500.00
16	PL20-007 Inspection Crew Days	2	DAY	\$ 700.00	\$ 1,400.00
Construction Subtotal:					\$ 33,604.12
Contingency:				20%	\$ 6,720.82
Construction Total:					\$ 40,324.95
Design Engineering:				10.00%	\$ 4,032.49
Contract Administration:				6.00%	\$ 2,419.50
Material Testing:				2.0%	\$ 806.50
OPINION OF PROBABLE CONSTRUCTION COST				Total Estimated Project Cost:	\$ 47,583.00

In providing opinions of probable construction cost, the Client understands that the Consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's opinions of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's opinion of probable construction cost.

Plymouth Sidewalk Gap 5 year Plan (Joy Rd between Main St and Morrison Ave)



***A sidewalk easement will be required from homeowner at 42910 Joy Rd.**