

**CHARTER TOWNSHIP OF ORION
CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES AGENDA
MONDAY, NOVEMBER 1, 2021 - 7:00 PM
ORION COMMUNITY CENTER
1335 JOSLYN ROAD
LAKE ORION, MI 48360**

1. CALL TO ORDER	
2. INVOCATION AND PLEDGE	
3. APPROVAL OF BILLS	2
4. PUBLIC COMMENT (3 minutes or less) *Board does not respond during public comment	
5. APPROVAL OF AGENDA	
6. CONSENT AGENDA	
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B. Accept Employee Resignation	7
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D. 3rd Quarter Treasurer Report	11
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F. Award Bid - Fire Department Turnout Gear	35
G. Tuition Reimbursement Request	69
7. PENDING	
A. First Reading - PC-2021-79, Township Initiated Text Amendment to Zoning Ordinance #78, Industrial Park (IP), Article 18, Section 18.01 - Land Uses	70
8. REPORTS	
A. Police/Fire Reports	76
B. CN in Your Community 2021 Report	84
C. Municipal Complex, October 2021 Executive Report	87
9. PUBLIC COMMENT (3 minutes or less) *Board does not respond during public comment	
10. BOARD MEMBER COMMENT	
11. ADJOURNMENT	

In the spirit of compliance with the Americans with Disabilities Act, individuals with a disability should feel free to contact Penny S. Shults, Clerk, at (248) 391-0304, ext. 4001, at least seventy-two hours in advance of the meeting to request accommodations.

11/1/2021

INVOICES

Total Checks

Non Board Bills	10/27/2021	\$24,184.94
Board Bills	11/1/2021	\$2,203,295.22

Total Invoices		\$2,227,480.16
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Void #133204	Reissued	(\$140.80)
Void #133453	Reissued	(\$2,169.20)
Void #133557	Reissued	(\$7,057.55)
Void #133820	Reissued	(\$2,742.10)

Total Invoice Disbursements		\$2,215,370.51
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PAYROLL

Total Gross

Regular Pay	10/27/2021	\$251,448.82
FICA Expenses		\$15,196.38
Benefit Expenses		\$60,221.99

Total Payroll Disbursements		\$326,867.19
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Grand Total Disbursements		\$2,542,237.70
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Due to the conversion to the Pooled Cash Fund, total disbursements include refunds from deposits, bonds & escrows which are not expenses to the township. The payroll check register shows deductions that are not expenses to the township.

Prepared by Melissa Bardecki

**CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES
MINUTES, REGULAR MEETING, MONDAY, OCTOBER 18, 2021**

1. CALL TO ORDER. The Charter Township of Orion Board of Trustees held a regular meeting on Monday, October 18, 2021 at Orion Center, 1335 Joslyn Road, Lake Orion, MI 48360.

BOARD MEMBERS PRESENT: Chris Barnett, Penny Shults, Donni Steele, Brian Birney, Julia Dalrymple, Mike Flood and Kim Urbanowski

BOARD MEMBERS ABSENT: None

OTHERS PRESENT:

Dan Dewey	Kati DeMattia	Joe Salome
Patrick Ross	Alysha Moorhead	Alyssa Kipke
Josh Yates	Merl Meacham	Tammy O'Dea
Ziae Kassab	Turi Fisher	Tom Shugar
Kelsey Shugar	Denise Burns	Michele Smither
Rebecca Smither	Jenny Brown	Tom Fisher
Mary Ann Fischer	Roland Fischer	Nathan Fischer
Sveta Fischer	Doug Brown	Debbie Brown
Douglas Lovelace		

2. INVOCATION AND PLEDGE. Pastor Josh Yates gave the invocation, followed by the Pledge of Allegiance.

3. CITIZEN OF THE MONTH. Supervisor Barnett honored Rebecca Smither as citizen of the month for her hard work and dedication to Orion Township as a smiling barista at Lava Mountain Coffee Company.

4. PRESENTATION. Presentation was given by the Building Official, Dave Goodloe on the damage assessment in Orion Township after the storm on October 8, 2021.

5. APPROVAL OF BILLS. Moved by Treasurer Steele, seconded by Trustee Flood to authorize payment of bills in the amount of \$680,915.98 and payrolls in the amount of \$333,619.27, for a total disbursement of funds in the amount of \$1,014,535.25, as presented. AYES: Dalrymple, Flood, Urbanowski, Barnett, Shults, Steele, Birney ABSENT: None NAYS: None MOTION CARRIED

6. PUBLIC COMMENT. (3 minutes or less) *Board does not respond during public comment. Public comment was heard.

7. APPROVAL OF AGENDA.

Moved by Clerk Shults, seconded by Trustee Birney to approve the agenda, as presented.
MOTION CARRIED

8. CONSENT AGENDA.

A. Minutes – Regular Meeting, October 4, 2021. Approve, as presented.

**CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES
MINUTES, REGULAR MEETING, MONDAY, OCTOBER 18, 2021**

B. Notice of Solicitation – Christ the Redeemer Community Outreach Project. Receive and file the notice of solicitation from Christ the Redeemer Community Outreach Project, with the Clerk to notify the OCSO of the request.

C. Street Closure – Bald Mountain Road. Adopt the resolution allowing the temporary closure of Bald Mountain Rd from 5:00 p.m. – 7:30 p.m. on October 31, 2021, subject to compliance with all Township requirements, and direct the Clerk to forward a copy of the resolution to the Road Commission.

D. Parks & Paths Bylaw Changes. Adopt the Parks & Paths Committee bylaws amendment, as presented.

E. Create Ord. 154 Subcommittee. Create an Ordinance 154 Subcommittee consisting of the Township personnel identified in this memo, and charge the subcommittee with review of the permit applications received for Medical Marihuana Provisioning Centers and provide the Board of Trustees with their recommendation of the four establishments to receive the available permits.

F. Purchases – ARPA. Authorize using American Rescue Plan funding for the proposed expenditures and authorize the Township Supervisor to execute all required purchase orders and agreements for the requested items.

G. Purchase – ARPA – Aerial Service Truck. Authorize the purchase of the 2022 Chevrolet Silverado with 40' Aerial Service Truck at a total cost not to exceed \$125,679.

H. Purchase – Facilities & Grounds Truck with Utility Crane. Authorize the purchase (with trade in) of the new GMC Sierra 2500 pickup truck for the Facilities & Grounds department, at a total net cost not to exceed \$58,000 as budgeted.

I. Purchase – Facilities & Grounds Truck with Plow. Authorize the purchase (with trade in) of the new GMC Sierra 2500 pickup truck for the Facilities & Grounds department, at a total cost not to exceed \$36,000 as budgeted.

J. Purchase – Parks & Recreation Pickup. Authorize the purchase (with trade in) of a new 2022 Ford Ranger pickup truck for the Parks & Recreation department, at a total net cost not to exceed \$30,000 as budgeted.

K. Hire Parks & Recreation Seasonal. Hire Nathan Fischer as a Parks & Recreation seasonal employee, contingent upon passing all required pre-employment paperwork.

L. Hire Firefighter. Authorize the hiring of Matthew Schaefer as full-time Firefighter effective October 25, 2021 pending results of physical, background check and drug screening.

M. Matured, Called and Purchases of Securities & Bonds for Water/Sewer and General Accounts. Receive and file.

**CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES
MINUTES, REGULAR MEETING, MONDAY, OCTOBER 18, 2021**

N. CDBG FY 2022 Public Hearing. Set the public hearing on the CDBG 2022 allocation for Monday, November 15, 2021 at 7:00 p.m.

O. Waive Permit Fees Associated with Storm Remediation. Approve the Building Official to waive permit fees for homeowners due to the storm on October 8, 2021.

P. Updated Township Engineering Standards. Adopt the updated Township Engineering Standards conditioned upon the successful 2nd reading of the Township initiated text amendment to Ordinance 139 being held this evening.

Moved by Trustee Flood, seconded by Trustee Urbanowski to approve the Consent Agenda, as presented. AYES: Barnett, Shults, Steele, Birney, Dalrymple, Flood, Urbanowski
ABSENT: None NAYS: None MOTION CARRIED

9. PENDING BUSINESS.

A. First Reading – PC-2021-70, Grandview 3120 S. Lapeer Rd. Rezone Request. Moved by Clerk Shults, seconded by Trustee Urbanowski to declare that the Orion Township Board of Trustees held and approved the first reading on October 18, 2021, for PC-2021-70, Grandview 3120 S. Lapeer Rd Rezone, a request to rezone approximately 17.44 acres of 3120 S. Lapeer Rd. (parcel 09-26-151-019) from Recreation-2 (REC-2) to Multiple Family Residential 1 (RM-1) and approximately 4.21 acres from Recreation-2 (REC-2) to General Business (GB). AYES: Shults, Birney, Dalrymple, Flood, Urbanowski, Barnett ABSENT: None NAYS: Steele MOTION CARRIED

B. First Reading – PC-2021-71 F&D Silverbell Rezone Request. Moved by Clerk Shults, seconded by Trustee Flood to declare that the Orion Township Board of Trustees held and approved the first reading on October 18, 2021, for PC-2021-71, F&D Silverbell Rezone, a request to rezone approx. 23.05 acres of vacant parcel (#09-35-100-019) located at the SW corner of Silverbell and Lapeer Road from Office Professional (OP) to Industrial Park (IP), and approx. 7.02 acres from Office Professional (OP) to General Business (BG). AYES: Steele, Birney, Dalrymple, Flood, Urbanowski, Barnett, Shults ABSENT: None NAYS: None MOTION CARRIED

C. Second Reading – Township Initiated Text Amendment to Ord. 139. Moved by Trustee Flood, seconded by Treasurer Steele to declare that the second reading of the Township initiated text amendment to the Stormwater Management & Soil erosion & Sedimentation Control Ordinance #139 to have been held on October 18, 2021 and to approve/adopt. AYES: Birney, Dalrymple, Flood, Urbanowski, Barnett, Shults, Steele ABSENT: None NAYS: None MOTION CARRIED

D. Schedule Budget Workshop. Moved by Trustee Flood, seconded by Treasurer Steele to schedule a budget workshop with the Board of Trustees for Monday, November 1, 2021 at 5:30 p.m. at the Orion Center. AYES: Dalrymple, Flood, Urbanowski, Barnett, Shults, Steele, Birney ABSENT: None NAYS: None MOTION CARRIED

**CHARTER TOWNSHIP OF ORION BOARD OF TRUSTEES
MINUTES, REGULAR MEETING, MONDAY, OCTOBER 18, 2021**

10. REPORTS.

A. Police/Fire Reports. Moved by Trustee Birney, seconded by Trustee Flood, to receive and file the reports, as presented. MOTION CARRIED

B. Community Survey. Moved by Treasurer Steele, seconded by Trustee Birney, to receive and file. MOTION CARRIED

11. PUBLIC COMMENT. Public Comment was not heard.

12. BOARD MEMBER COMMENTS. Board member comments were heard.

13. ADJOURNMENT. Moved by Treasurer Steele, seconded by Trustee Birney to adjourn. MOTION CARRIED The meeting was adjourned at 8:48 p.m.

Transcription: J. London

Penny S. Shults, Clerk

Chris Barnett, Supervisor
Charter Township of Orion



Agenda Item Summary

To: Board of Trustees
From: Chris Barnett, Township Supervisor
Meeting Date: November 1, 2021
Memo Date: October 26, 2021
Subject: Accept Resignation for Timothy London, Building Inspector

☒ Consent ☐ Pending

REQUEST

Accept with regret resignation of full time Building Inspector, Timothy London, effective October 29, 2021.

REASON

I am requesting that we accept the resignation of Full Time Building Inspector, Timothy London, dated October 19, 2021 and effective October 29, 2021, as he pursues an opportunity as a Building Official in a neighboring community.

PROCESS

Board approval of the resignation submitted by Timothy London..

RECOMMENDATION (MOTION)

Accept the resignation of Building Inspector, Timothy London, with regret based on submitted letter dated October 19, 2021 with an effective date of October 29, 2021.



Charter Township of Orion

2525 Joslyn Rd., Lake Orion MI 48360
www.oriontownship.org

Phone: (248) 391-0304

Agenda Item Summary

To: Board of Trustees
From: Ashley Coyle, Budget & Procurement Director
Meeting Date: November 1, 2021
Memo Date: October 27, 2021
Subject: Budget Adjustment

☒ Consent ☐ Pending

REQUEST

It is requested that the Township Board approve the recommended Budget Adjustments as outlined in the Budget section of this memo. Because the Township budgets at a "Department" level, budget adjustments are necessary to move monies from one department to another even though 'new monies' may not be requested.

REASON

Budget adjustments may be recommended for any of the following reasons:

- Transfer between funds.
- Transfer between capital and operating budgets.
- Transfer between capital projects.
- Acceptance and appropriation of grant funding.
- Amendment of staffing level.
- Appropriation from fund balance.
- Appropriation for modified revenue and related expenditures

BUDGET

CLERK – GENERAL FUND

The Clerk's department has experienced major personnel changes in 2021 that will cause them to go over budget in 2021. There were numerous positions that changed levels during the Union Job Study which resulted in salary increases and the retirement of the previous controller resulted in vacation and paid time off payouts. Additionally, there has been an increase in overtime as the Controller and Accounts Payable/Payroll Coordinator work to catch up on the workload from the few months Orion Township was left without a controller. \$10,000 is being requested from the General Fund Fund's Balance to ensure that this department does not go over budget.

ACCOUNT NUMBER/NAME	Requested Amount
101-215-713 – OVERTIME	\$10,000
TRANSFER FROM GENERAL FUND FUND BALANCE	\$10,000



ASSESSING DEPARTMENT – GENERAL FUND

Assessing is predominately outsourced to Oakland County. This year, \$249,810 was budgeted to cover the Equalization Invoice from the county. However, the invoice came in at \$263,476.52. A budget adjustment of \$10,000 is being requested from the General Fund Fund's Balance to cover the deficit. The remaining difference can be absorbed by reducing expenditures in other accounts.

ACCOUNT NUMBER/NAME	Requested Amount
101-257-806 – CONTRACTUAL HELP	\$10,000
TRANSFER FROM GENERAL FUND FUND BALANCE	\$10,000

ORDINANCE ENFORCEMENT – GENERAL FUND

Effective January 1, 2021, an Ordinance Enforcement department was established in the general fund since the code enforcement duties performed by these positions are General Fund activities and not the Building Department/Fund activities. Because these expenses were broken out from the Building Fund, it was unknown what the true costs of running the Ordinance Enforcement department would be. Now that the year is coming to an end, a budget adjustment is necessary. \$10,000 is being requested from the General Fund Fund's Balance to ensure that this department does not go over budget.

ACCOUNT NUMBER/NAME	Requested Amount
101-400-956 – DUES & MISC	\$10,000
TRANSFER FROM GENERAL FUND FUND BALANCE	\$10,000

ARPA/FEMA

Orion Township will be receiving approximately four million dollars in American Rescue Plan Act Funding. Fund 285 has been created to track these expenses. In order to expense items to this fund, a budget adjustment needs to be made recognizing the \$1,916,847.50 (50% of the awarded amount). This adjustment will take place in Fund 285 and Fund 592 – Water & Sewer. It is not anticipated that more than \$750,000 will be spent of the ARPA funds this year.

ACCOUNT NUMBER/NAME	Requested Amount
285-000-528 – FEDERAL GRANTS GEN GOV	\$1,916,847.50
VARIOUS EXPENSE ACCOUNTS	\$750,000



Charter Township of Orion

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www.oriontownship.org

Phone: (248) 391-0304

MARIHUANA REVENUE & HOST FEE REVENUE

The Marihuana Revenue and Host Fee Revenue have been earmarked to help pay the debt services payment for the Corridor Improvement Authority and the Municipal Complex and Sheriff Substation. While we do our best to budget the true revenue estimates for these items, the true revenues of these items are not known until 12/31/2021. It is my recommendation to allow the Budget Director or the Accounting Controller to move the actual revenues collected, not the estimates, to either the Corridor Improvement Authority or the Municipal Building Debt Funds.

SPECIAL ASSESSMENT DISTRICTS & IN-TRUST ACCOUNTS

Special Assessment Districts and In-Trust Funds are used to finance major infrastructure upgrades or to manage existing assets. While these funds do not belong to the Township, they are managed by the Township. Based on the 2021 budget, a few of these funds need budget adjustments to make the accounts whole. These funds have their own individual fund balances and do not take contributions from the General Fund.

FUND 230 – ELKHORN LAKE	
ACCOUNT NUMBER/NAME	Amount
230-950-960 – WEED HARVESTING	\$14,362
TRANSFER FROM ELKHORN LAKE SAD FUND BALANCE	\$14,362

FUND 254 – BUNNY RUN LAKE	
ACCOUNT NUMBER/NAME	Amount
230-950-960 – WEED HARVESTING	\$100
TRANSFER FROM ELKHORN LAKE SAD FUND BALANCE	\$100

FUND 710 – INDIANWOOD LAKE IMPROV BOARD	
ACCOUNT NUMBER/NAME	Amount
710-000-403 – CURRENT TAXES	\$79,752
710-850-960 – WEED HARVESTING	\$100,000
TRANSFER FROM ELKHORN LAKE SAD FUND BALANCE	\$20,248

RECOMMENDATION (MOTION)

Direct the Accounting Controller or Budget & Procurement Director to make the Budget Adjustments based on the overbudget funds and accounts listed.



Charter Township of Orion

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Phone: (248) 391-0304

Agenda Item Summary

To: Board of Trustees
From: Donni Steele, Township Treasurer
Meeting Date: November 1, 2021
Memo Date: October 27, 2021
Subject: 3rd Quarter Treasurer's Report

☒ Consent ☐ Pending

REQUEST

Please review. If you have any questions or would like to receive additional supporting documentation, please contact me anytime.

REASON

To report to the Board of Directors our investment portfolio on a quarterly basis for both General and Water/Sewer funds.

PROCESS

Please see the attached statements from Oakland County Investment Pool and Huntington Bank. Huntington Bank is the custodian for the Township's investment funds. The Municipal Building Fund and Statement have been added to this report as well.

RECOMMENDATION (MOTION)

Receive and file.



3rd Quarter 2021

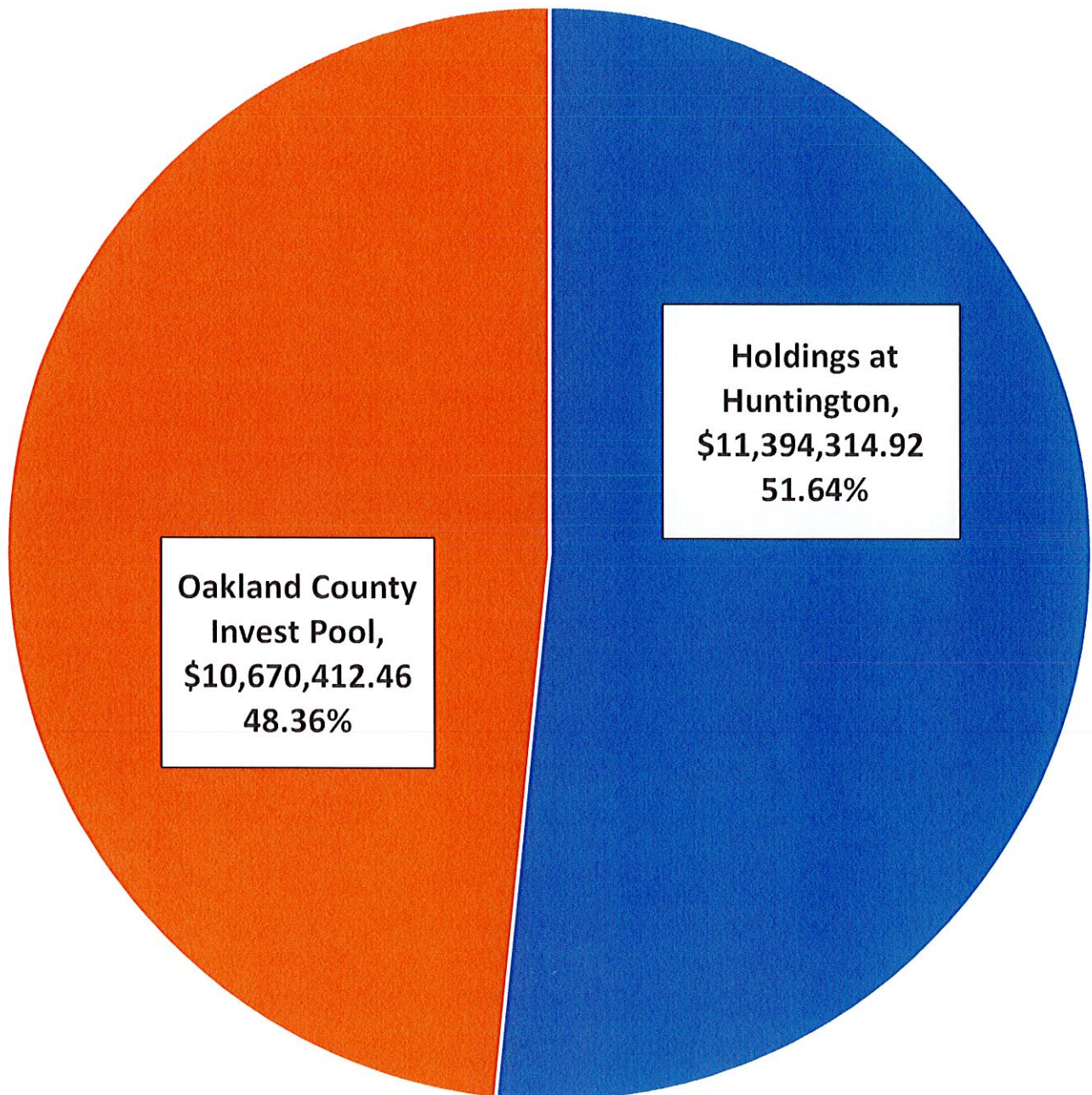
Treasurer's Report

CASH SUMMARY BY ACCOUNT FOR ORION TOWNSHIP
 FROM 07/01/2021 TO 09/30/2021
 FUND: 100 470
 CASH AND INVESTMENT ACCOUNTS

Fund Account	Description	Beginning Balance 07/01/2021	Total Debits	Total Credits	Ending Balance 09/30/2021
Fund 100 POOLED CASH FUND					
001.000	CASH-CHECKING	3,169,197.10	11,528,186.95	13,413,312.76	1,284,071.29
001.025	CHASE FSA	27,848.67	1,000.00	8,379.38	20,469.29
003.002	CHASE TAX	1,584.75	60,901,816.44	51,023,949.15	9,879,452.04
003.004	OXFORD BANK COLLECTIONS	4,758.38	1,017.55	0.00	5,775.93
003.005	GENISYS CREDIT UNION	13.45	301,298.44	301,280.00	31.89
003.024	OXFORD BANK TAX	10.00	354,810.79	354,800.00	20.79
003.710	CHASE INDIANWOOD	277,277.71	42.65	48,278.69	229,041.67
017.005	INVESTMENTS OAK CTY POOLED	11,659,005.27	1,012,803.87	2,001,396.68	10,670,412.46
017.006	INVESTMENTS W/S OAK CTY	5,802,983.05	11,087.14	5,506.10	5,808,564.09
017.010	HUNTINGTON BANK POOLED	11,403,409.34	647,104.33	656,198.75	11,394,314.92
017.014	INVESTMENT W/S HUNTINGTON	11,579,938.04	1,226,710.29	1,218,948.13	11,587,700.20
POOLED CASH FUND		43,926,025.76	75,985,878.45	69,032,049.64	50,879,854.57
Fund 470 MUNICIPAL BUILDING FUND					
001.007	CASH- BOND PROCEEDS	4,254.29	0.00	0.00	4,254.29
017.007	OAK CTY INVESTMENT BOND	9,587,785.63	5,010,580.31	8,000,927.87	6,597,438.07
MUNICIPAL BUILDING FUND		9,592,039.92	5,010,580.31	8,000,927.87	6,601,692.36
TOTAL - ALL FUNDS		53,518,065.68	80,996,458.76	77,032,977.51	57,481,546.93

Investment Funds

General Account - 3rd Qtr 2021





Oak Co Investment Pool FY2021

Oakland County Treasury

Position Report - Portrait

Investment #77674 -General Pooled

As Of October 1, 2021

Investment # 77674
Fund 77674

CUSIP SYSTEM SYS
Issuer 99999 Pooled Investments
Cert./Acct#
Dealer GASB 3
Custodian
Asset Class Cash and Equivalents S&P Moody's
Investment Class Book Value

Beginning Balance Date 10/01/2020
Beginning Balance 8,584,209.85
Current Balance 10,676,380.05

Deactivate Date

Accrued Interest from Previous
Fiscal Year 12,283.37

Managed Pool Accounts (PA4)

Begin Rate 1.7171113 Current 0.6909676
Rates as of 09/01/2021 Basis 365

Interest Period ME
First Interest Due 07/01/2013
☒ Add Interest to Account Balance

☐ Include in Yield Calculation
☒ Clearing Account

Market Price 0
Market Price Date

Last Withdrawal Date 10/01/2021
Last Deposit Date 04/01/2021

Comment

Current Fiscal Year
Interest Received to 96,260.45

Passbook Transactions

Trans. Dat	Deposit	Withdrawal	Int. Rcvd.	Balance	Rate	Cd Receipt	Comments
09/01/2021	0.00	363.83	3,228.46	11,670,412.46		FI	Interest Earnings
09/01/2021	0.00	0.00	0.00	11,670,412.46	0.691	R	Interest Earnings
09/09/2021	0.00	1,000,000.00	0.00	10,670,412.46		XC EXGL	Balance = 10,670,412.46
10/01/2021	0.00	330.05	6,297.64	10,676,380.05		FI	Interest Earnings

HUNTINGTON NATIONAL BANK
41 SOUTH HIGH STREET
COLUMBUS, OH 43216

Huntington Private Bank

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION
ACCOUNT NUMBER: 1041018968



CHARTER TOWNSHIP OF ORION
2525 JOSLYN ROAD
LAKE ORION, MI 48360

ACCOUNT NAME: CHARTER TOWNSHIP OF ORION
GENERAL

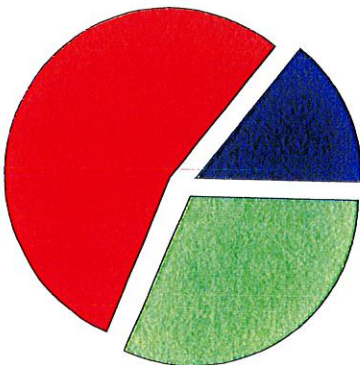
RELATIONSHIP
MANAGER: ALLISON N DAVIS
614-331-9333
ALLISON.N.DAVIS@HUNTINGTON.COM

INVESTMENT
OFFICER:

ACCOUNT SUMMARY

	THIS PERIOD	YEAR TO DATE	REALIZED CAPITAL GAINS / LOSSES	
BEGINNING MARKET VALUE	11,414,123.85	11,403,198.12		
DIVIDENDS AND INTEREST	8,051.19	106,066.61		
OTHER CASH RECEIPTS	512,125.53	512,125.53		
DISBURSEMENTS AND FEES	95.12-	854.46-		
CHANGE IN VALUE	539,890.53-	626,220.88-		
ENDING MARKET VALUE	11,394,314.92	11,394,314.92		
			THIS PERIOD	YEAR TO DATE
			LONG TERM	0.00 242,300.30
			TOTAL GAINS / LOSSES	0.00 242,300.30

ASSET ALLOCATION SUMMARY



	MARKET VALUE	PERCENT
CASH AND EQUIVALENTS	1,630,340.99	14.3%
FIXED INCOME NON-TAXABLE	6,201,316.15	54.4%
FIXED INCOME TAXABLE	3,562,657.78	31.3%
Total	11,394,314.92	100.0%

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION
ACCOUNT NUMBER: 1041018968

PORTFOLIO DETAIL

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
CASH AND EQUIVALENTS				
1,630,340.990	60934N500 FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES	1,630,340.99	0.01	1,630,340.99
TOTAL	CASH AND EQUIVALENTS	1,630,340.99	0.01	1,630,340.99
FIXED INCOME TAXABLE				
✓ 400,000.000	3130A2UW4 FHLB 2.875% 09/13/2024	427,488.00	2.69	423,036.00
✓ 300,000.000	3130AKWM4 FHLB .3% 11/26/2024-2021	297,021.00	0.30	299,925.00
✓ 600,000.000	3133ELG99 FFCB .375% 06/10/2024	598,567.20	0.38	599,616.00
✓ 350,000.000	3134GWQ82 FHLMC .45% 12/24/2024-2021	347,732.35	0.45	350,000.00
✓ 600,000.000	3134GWYD2 FHLMC .375% 04/08/2024-2021	598,678.80	0.38	600,000.00
✓ 500,000.000	3135G06H1 FNMA .25% 11/27/2023	499,202.00	0.25	500,770.00
✓ 550,000.000	3136G4G80 FNMA .375% 02/26/2024-2022	549,267.40	0.38	550,000.00
✓ 244,701.030	CDX016322 OTHER BANK CD STURGIS BANK & TRUST 0.400% 11/17/2021 CUSIP: CD0000257	244,701.03	0.00	244,701.03
TOTAL	FIXED INCOME TAXABLE	3,562,657.78	0.61	3,568,048.03
FIXED INCOME NON-TAXABLE				
✓ 250,000.000	035438HK9 ANN ARBOR MICH REF CAPITAL IMPT LTGO 2.5% 05/01/2022	253,262.50	2.47	256,405.00
✓ 200,000.000	035519VW4 ANN ARBOR MICH SCH DIST TXBL REF EHN: Q-SBLF 2.116% 05/01/2024	207,026.00	2.04	204,498.00
✓ 100,000.000	042105MG8 ARMADA MI AREA SCHS TXBL REF SER B UTGO EHN: Q-SBLF 2.712% 05/01/2022	101,417.00	2.67	101,632.00
✓ 200,000.000	170016D63 CHIPPEWA VALLEY MI SCHS TXBL REF UTGO EHN: Q-SBLF 1.922% 05/01/2024	206,330.00	1.86	200,828.00
✓ 250,000.000	182252UH7 CLARKSTON MI COMMUNITY SCHOOLS TXBL-REF-SER B UT GO EHN: Q-SBLF 2.75% 05/01/2022	253,627.50	2.71	250,972.50

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION
ACCOUNT NUMBER: 1041018968

PORTFOLIO DETAIL (CONTINUED)

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
FIXED INCOME NON-TAXABLE				
✓ 500,000.000	188702XD1 CLINTONDALE MICH CMNTY SCHS TXBL REF UTGO EHN: Q-SBLF 2.842% 05/01/2022	507,150.00	2.80	516,010.00
✓ 200,000.000	338639HP5 FLAT ROCK MICHIGAN CMNTY SCH DIST TXBL REF SER B UTGO EHN: Q-SBLF 2.856% 05/01/2024	211,190.00	2.70	206,478.00
✓ 200,000.000	371730JP8 GENESEE MICHIGAN SCH DIST TXBL REF UTGO EHN: Q-SBLF .522% 05/01/2023	200,568.00	0.52	200,000.00
✓ 200,000.000	386244VP9 GRAND RAPIDS MI BLDG AUTH TXBL REF SER B .82% 10/01/2024	199,470.00	0.82	200,000.00
✓ 150,000.000	39081JDM7 GREAT LAKES MI WTR AUTH WTR SPLY SYS REVENUE TXBL REF SENIOR LIEN SER C 1.879% 07/01/2023	154,098.00	1.83	155,350.50
✓ 200,000.000	398892JD2 GROSSE ILE TWP MI SCH DIST EHN: Q-SBLF 2% 05/01/2024	208,894.00	1.91	201,960.00
✓ 100,000.000	510336ST8 LAKE ORION MI CMNTY SCH DIST TXBL SER B UTGO EHN: Q-SBLF .85% 05/01/2025	99,979.00	0.85	100,000.00
✓ 130,000.000	516228RN5 L'ANSE CREUSE MI PUB SCHS TXBL-REF-SER B UTGO EHN:Q-SBLF 2.678% 05/01/2022	131,864.20	2.64	132,009.80
✓ 120,000.000	539243UG8 LIVONIA MI PUB SCHS SCH DIST TXBL UTGO EHN: BAM .528% 05/01/2023	120,037.20	0.53	120,000.00
✓ 65,000.000	554885M67 MACOMB CNTY MI TXBL REF LTGO .679% 11/01/2024	64,786.80	0.68	65,000.00
✓ 200,000.000	562281JK2 MANCHESTER MI CMNTY SCHS TXBL REF SER B UTGO EHN: Q-SBLF 2.48% 05/01/2022	202,498.00	2.45	203,684.00
✓ 500,000.000	57143YBW2 MARQUETTE MI BROWNFIELD REDEV AUTH TXBL TAX INCR EHN: MUN GOVT GTD 3.25% 05/01/2029-2026	529,170.00	3.07	508,230.00
✓ 100,000.000	594654LT0 MICHIGAN ST HSG DEV AUTH SF MTGE REVENUE TXBL SER D .602% 12/01/2021	99,987.00	0.60	100,000.00

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION
ACCOUNT NUMBER: 1041018968

PORTFOLIO DETAIL (CONTINUED)

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
FIXED INCOME NON-TAXABLE				
✓ 250,000.000	594712VL2 MICHIGAN STATE UNIVERSITY REVENUES REF SER C 5% 08/15/2022	260,407.50	4.80	267,365.00
✓ 200,000.000	657740FT8 NORTH BRANCH MICH AREA SCHS TXBL REF UTGO EHN: Q-SBLF 2.299% 05/01/2023	206,028.00	2.23	203,420.00
✓ 100,000.000	681028JS6 OLIVET MI CMNTY SCH DIST TXBL REF UTGO EHN: Q-SBLF .85% 05/01/2025	99,845.00	0.85	100,000.00
✓ 200,000.000	734336WE6 PORT HURON MI TXBL EHN: BAM 1.508% 03/01/2024	203,964.00	1.48	205,108.00
✓ 150,000.000	765177DB3 RICHMOND MI CMNTY SCHS TXBL REF UTGO EHN: Q-SBLF 1% 05/01/2025	151,081.50	0.99	151,174.50
✓ 220,000.000	771503JH3 ROCHESTER MI TXBL LTGO .391% 10/01/2023	219,698.60	0.39	220,000.00
✓ 275,000.000	776219PK7 ROMULUS MI CMNTY SCHS TXBL REF UTGO EHN: Q-SBLF 2.75% 05/01/2023	285,029.25	2.65	279,565.00
✓ 200,000.000	849765GR7 SPRING LAKE MI PUBLIC SCHS PUBLIC SCHS TXBL REF UTGO EHN: Q-SBLF .92% 11/01/2025	200,072.00	0.92	200,000.00
✓ 250,000.000	894282QX3 TRAVERSE CITY MI AREA PUB SCHS UT GO 2% 05/01/2024	259,027.50	1.93	253,935.00
✓ 160,000.000	897387TS5 TROY MI TXBL REF LTGO .317% 11/01/2022	160,177.60	0.32	160,000.00
✓ 200,000.000	947576JK1 WEBBERVILLE MI TXBL REF UTGO EHN: Q-SBLF 2.054% 05/01/2023	204,746.00	2.01	200,000.00
✓ 100,000.000	960521PA4 WESTLAND MI TXBL LTGO EHN: BAM .265% 11/01/2022	99,935.00	0.27	100,000.00
✓ 100,000.000	970294DB7 WILLIAMSTON MI CMNTY SCHS SCH DIST TXBL UTGO EHN: Q-SBLF .7% 05/01/2024	99,949.00	0.70	100,000.00
TOTAL	FIXED INCOME NON-TAXABLE	6,201,316.15	2.00	6,163,625.30
GRAND TOTAL ASSETS		11,394,314.92	1.28	11,362,014.32

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

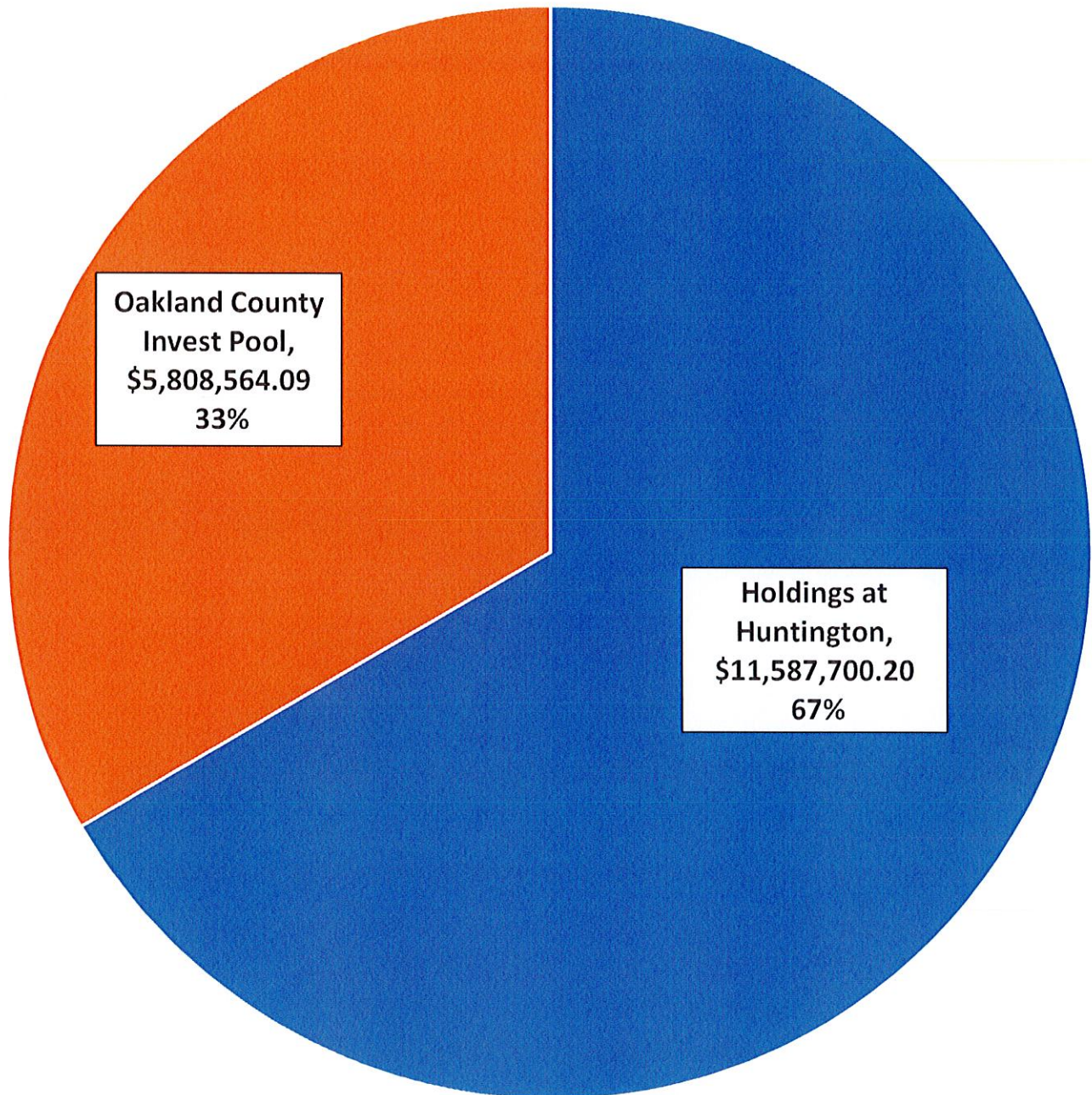
ACCOUNT NAME: ORION
ACCOUNT NUMBER: 1041018968

TRANSACTION DETAIL

DATE	QUANTITY	DESCRIPTION	TRANSACTION TYPE	CASH	COST BASIS
09/01/21		BEGINNING BALANCE		0.00	11,352,005.25
09/01/21		734336WE6 INTEREST ON 200,000 UNITS PORT HURON MI TXBL EHN: BAM 1.508% 03/01/2024 PAYABLE 09/01/2021	INTEREST RCVD	1,508.00	
09/01/21		60934N500 DIVIDEND ON FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES PAYABLE 09/01/2021	DIVIDEND	5.69	
09/13/21		3130A2UW4 INTEREST ON 400,000 UNITS FHLB 2.875% 09/13/2024 PAYABLE 09/13/2021	INTEREST RCVD	5,750.00	
09/17/21		BANK WIRE RECEIVED FROM STATE BANK CD AMOUNT	CASH RCVD	510,072.53	
09/17/21		BANK WIRE RECEIVED FROM STATE BANK INTEREST	CASH RCVD	2,040.29	
09/17/21	510,072.530-	MS0020862 DELIVERED 510,072.53 SHS THE STATE BANK CUSIP: CD0000256 TRADE DATE 09/17/2021	SEC DELIVERED		510,072.53-
09/24/21		3134GWQ82 INTEREST ON 350,000 UNITS FHLMC .45% 12/24/2024-2021 PAYABLE 09/24/2021	INTEREST RCVD	787.50	
09/30/21		LITIGATION PROCEEDS FROM LITIGATION PROCEEDS FROM GSE BOND ANTITRUST LITIGATION	CASH RCVD	12.71	
09/30/21	520,081.600	60934N500 NET DEPOSIT FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES	NET CASH MGMT	520,081.60-	520,081.60
09/30/21		NET FEES FOR THE PERIOD	NET FEE DISB	95.12-	
09/30/21		ENDING BALANCE		0.00	11,362,014.32

Investments

Water & Sewer-3rd Qtr 2021



■ Holdings at Huntington ■ Oakland County Invest Pool



Oak Co Investment Pool FY2021

Oakland County Treasury

Position Report - Portrait

Investment #77673 *Water/Sewer*

As Of October 1, 2021

Investment #	77673	Managed Pool Accounts (PA4)	
Fund	77673	Begin Rate	1.7171116 Current 0.6909680
CUSIP	SYSTEM SYS77673	Rates as of	09/01/2021 Basis 365
Issuer	99999 Pooled Investments	Interest Period	ME
Cert./Acct#		First Interest Due	09/01/2007
Dealer		<input checked="" type="checkbox"/> Add Interest to Account Balance	
Custodian	GASB 3	<input type="checkbox"/> Include in Yield Calculation	
Asset Class	Cash and Equivalents S&P Moody's	<input checked="" type="checkbox"/> Clearing Account	
Investment Class	Book Value	Market Price	0
Beginning Balance Date	10/01/2020	Market Price Date	
Beginning Balance	5,254,840.72	Last Withdrawal Date	10/01/2021
Current Balance	5,811,733.41	Last Deposit Date	01/15/2021
Deactivate Date		Comment	
Accrued Interest from Previous Fiscal Year	7,519.29	Current Fiscal Year Interest Received to	59,306.83

Passbook Transactions

Trans. Dat	Deposit	Withdrawal	Int. Rcvd.	Balance	Rate	Cd Receipt	Comments
09/01/2021	0.00	181.09	1,606.86	5,808,564.09		FI	Interest Earnings
09/01/2021	0.00	0.00	0.00	5,808,564.09	0.691	R	Interest Earnings
10/01/2021	0.00	175.29	3,344.61	5,811,733.41		FI	Interest Earnings

HUNTINGTON NATIONAL BANK
41 SOUTH HIGH STREET
COLUMBUS, OH 43216

Huntington Private Bank

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510



CHARTER TOWNSHIP OF ORION
2525 JOSLYN ROAD
LAKE ORION, MI 48360

ACCOUNT NAME: CHARTER TOWNSHIP OF ORION
WATER/SEWER

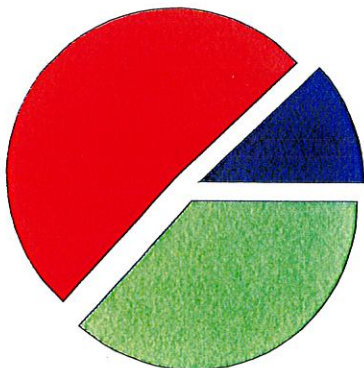
RELATIONSHIP
MANAGER: ALLISON N DAVIS
614-331-9333
ALLISON.N.DAVIS@HUNTINGTON.COM

INVESTMENT
OFFICER: NO INV AUTHORITY

ACCOUNT SUMMARY

	THIS PERIOD	YEAR TO DATE	REALIZED CAPITAL GAINS / LOSSES		
				THIS PERIOD	YEAR TO DATE
BEGINNING MARKET VALUE	11,624,543.66	10,762,884.27			
DIVIDENDS AND INTEREST	10,547.38	129,583.03			
OTHER CASH RECEIPTS	502,021.77	502,021.77	LONG TERM	0.00	806.05-
DISBURSEMENTS AND FEES	96.66-	836.52-			
CHANGE IN VALUE	549,315.95-	194,047.65	TOTAL GAINS / LOSSES	0.00	806.05-
ENDING MARKET VALUE	11,587,700.20	11,587,700.20			

ASSET ALLOCATION SUMMARY



	MARKET VALUE	PERCENT
CASH AND EQUIVALENTS	1,399,004.70	12.1%
FIXED INCOME NON-TAXABLE	5,939,762.45	51.2%
FIXED INCOME TAXABLE	4,248,933.05	36.7%
Total	11,587,700.20	100.0%

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510

PORTFOLIO DETAIL

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
CASH AND EQUIVALENTS				
1,399,004.700	60934N500 FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES	1,399,004.70	0.01	1,399,004.70
TOTAL	CASH AND EQUIVALENTS	1,399,004.70	0.01	1,399,004.70
FIXED INCOME TAXABLE				
✓ 500,000.000	3130AKWM4 FHLB .3% 11/26/2024-2021	495,035.00	0.30	499,875.00
✓ 600,000.000	3133ELG99 FFCB .375% 06/10/2024	598,567.20	0.38	599,616.00
✓ 350,000.000	3134GWQ82 FHLMC .45% 12/24/2024-2021	347,732.35	0.45	350,000.00
✓ 500,000.000	3134GWYD2 FHLMC .375% 04/08/2024-2021	498,899.00	0.38	500,000.00
✓ 500,000.000	3136G4G80 FNMA .375% 02/26/2024-2022	499,334.00	0.38	500,000.00
✓ 900,000.000	48126XAA3 JP MORGAN CHASE BANK NA SERIES CD 08/18/2031-2019	803,340.00	0.00	100.00
✓ 250,000.000	74267GVX2 CIBC BANK USA MEDIUM TERM CD 2% 05/05/2022	252,845.00	1.98	1.00
✓ 250,000.000	949763MA1 WELLS FARGO BANK NA MEDIUM TERM CD 2.5% 12/22/2022	256,927.50	2.43	250,000.00
✓ 250,000.000	949763MB9 WELLS FARGO BANK NA MEDIUM TERM CD 2.25% 12/22/2021	251,253.00	2.24	250,000.00
✓ 245,000.000	CDX016314 OTHER BANK CD STURGIS BANK & TRUST 0.400% 11/17/2021	245,000.00	0.00	245,000.00
TOTAL	FIXED INCOME TAXABLE	4,248,933.05	0.61	3,194,592.00
FIXED INCOME NON-TAXABLE				
✓ 100,000.000	020366GA2 ALMONT MI CMNTY SCHS TXBL-A UTGO EHN: Q-SBLF .315% 05/01/2023	100,016.00	0.31	100,000.00
✓ 250,000.000	035438HK9 ANN ARBOR MICH REF CAPITAL IMPT LTGO 2.5% 05/01/2022	253,262.50	2.47	256,405.00
✓ 150,000.000	07207PBK5 BAY CITY MI BROWNFIELD REDEV AUTH TXBL REF EHN: AGM MUN GOVT GTD 1.148% 10/01/2022	151,197.00	1.14	150,000.00

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510

PORTFOLIO DETAIL (CONTINUED)

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
FIXED INCOME NON-TAXABLE				
✓ 200,000.000	094383FV3 BLOOMINGDALE MI PUB SCH DIST #16 TXBL REF UTGO EHN: Q-SBLF 1.42% 05/01/2025	204,084.00	1.39	200,000.00
✓ 200,000.000	109367VZ2 BRIGHTON MI AREA SCH DIST TXBL REF UTGO EHN: Q-SBLF 3 1.281% 05/01/2024	203,206.00	1.26	200,000.00
✓ 100,000.000	170016YZ6 CHIPPEWA VALLEY MI SCHS TXBL REF SER B UTGO EHN: Q-SBLF 2.98% 05/01/2022	101,555.00	2.93	102,680.00
✓ 250,000.000	182252UH7 CLARKSTON MI COMMUNITY SCHOOLS TXBL-REF-SER B UT GO EHN: Q-SBLF 2.75% 05/01/2022	253,627.50	2.71	250,972.50
✓ 200,000.000	188702XF6 CLINTONDALE MICH CMNTY SCHS TXBL REF UTGO EHN: Q-SBLF 1.748% 05/01/2024	204,904.00	1.71	200,000.00
✓ 160,000.000	193126HC6 COLDWATER MICHIGAN ELEC UTILITY REVENUE TXBL SER B EHN: AGM 2.178% 02/01/2024	164,532.80	2.12	160,000.00
✓ 150,000.000	210345FR0 CONSTANTINE MI PUB SCHS REF GEN OBLIG EHN: Q-SBLF 5% 05/01/2023	160,578.00	4.67	165,126.00
✓ 250,000.000	351280PW6 FOWLerville MI CMNTY SCH DIST TXBL REF UTGO EHN: Q-SBLF 1.558% 05/01/2023	254,040.00	1.53	250,000.00
✓ 175,000.000	371730JP8 GENESEE MICHIGAN SCH DIST TXBL REF UTGO EHN: Q-SBLF .522% 05/01/2023	175,497.00	0.52	175,000.00
✓ 200,000.000	386244VP9 GRAND RAPIDS MI BLDG AUTH TXBL REF SER B .82% 10/01/2024	199,470.00	0.82	200,000.00
✓ 150,000.000	39081JDM7 GREAT LAKES MI WTR AUTH WTR SPLY SYS REVENUE TXBL REF SENIOR LIEN SER C 1.879% 07/01/2023	154,098.00	1.83	155,350.50
✓ 250,000.000	398892JD2 GROSSE ILE TWP MI SCH DIST EHN: Q-SBLF 2% 05/01/2024	261,117.50	1.91	252,450.00
✓ 100,000.000	516228RT2 L'ANSE CREUSE MI PUB SCHS TXBL REF UTGO EHN: Q-SBLF .876% 05/01/2025	100,264.00	0.87	100,000.00

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510

PORTFOLIO DETAIL (CONTINUED)

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
FIXED INCOME NON-TAXABLE				
✓ 125,000.000	539243UG8 LIVONIA MI PUB SCHS SCH DIST TXBL UTGO EHN: BAM .528% 05/01/2023	125,038.75	0.53	125,000.00
✓ 225,000.000	59447TYR8 MICHIGAN ST FIN AUTH REVENUE TXBL REF SCD OF FLINT FIN STABILITY LOCAL PROJ SER A 1.848% 06/15/2025	228,627.00	1.82	225,000.00
✓ 150,000.000	594654JU0 MICHIGAN ST HSG DEV AUTH SF MTGE REVENUE TXBL SER B 1.67% 12/01/2024	151,422.00	1.65	150,000.00
✓ 255,000.000	594698LP5 MICHIGAN ST STRATEGIC FD LTD OBLG REVENUE FAC FOR RARE ISOTOPE BEAMS PROJ AT MICH ST UNIV 5% 03/01/2022	259,885.80	4.91	271,274.10
✓ 150,000.000	611821FZ7 MONTAGUE MICHIGAN AREA PUBLIC SCHS TXBL REF UTGO EHN: Q-SBLF 1.179% 05/01/2025	153,057.00	1.16	150,000.00
✓ 150,000.000	657740FU5 NORTH BRANCH MICH AREA SCHS TXBL REF UTGO EHN: Q-SBLF 1.007% 05/01/2025	150,283.50	1.01	150,000.00
✓ 100,000.000	681028JS6 OLIVET MI CMNTY SCH DIST TXBL REF UTGO EHN: Q-SBLF .85% 05/01/2025	99,845.00	0.85	100,000.00
✓ 210,000.000	729429MN7 PLYMOUTH-CANTON MI CMNTY SCH DIST SCH BLDG & SITE SER A 5% 05/01/2022	215,504.10	4.87	225,241.80
✓ 295,000.000	734336WF3 PORT HURON MI TXBL EHN: BAM 1.608% 03/01/2025	301,593.25	1.57	295,000.00
✓ 200,000.000	776219PJ0 ROMULUS MI CMNTY SCHS TXBL REF UTGO EHN: Q-SBLF 2.55% 05/01/2022	202,626.00	2.52	206,856.00
✓ 100,000.000	788640JC5 ST CLAIR CNTY MICH TXBL REF LTGO 1.815% 04/01/2025	102,974.00	1.76	100,552.00
✓ 250,000.000	803208NB9 SARANAC MICHIGAN CMNTY SCH DIST TXBL REF UTGO EHN: Q-SBLF 1.255% 05/01/2025	254,577.50	1.23	250,000.00

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510

PORTFOLIO DETAIL (CONTINUED)

QUANTITY	DESCRIPTION	MARKET VALUE	YIELD TO MKT	COST BASIS
FIXED INCOME NON-TAXABLE				
✓ 225,000.000	849765GC0 SPRING LAKE MI PUBLIC SCHS TXBL REF UTGO EHN: Q-SBLF 1.29% 05/01/2025	229,686.75	1.26	225,000.00
✓ 250,000.000	894282QX3 TRAVERSE CITY MI AREA PUB SCHS UT GO 2% 05/01/2024	259,027.50	1.93	253,935.00
✓ 160,000.000	951614HF6 WEST BRANCH-ROSE CITY MI AREA SCH DIST REF UTGO EHN: Q-SBLF 5% 05/01/2022	164,216.00	4.87	170,675.20
✓ 100,000.000	970294DB7 WILLIAMSTON MI CMNTY SCHS SCH DIST TXBL UTGO EHN: Q-SBLF .7% 05/01/2024	99,949.00	0.70	100,000.00
TOTAL	FIXED INCOME NON-TAXABLE	5,939,762.45	2.01	5,916,518.10
GRAND TOTAL ASSETS		11,587,700.20	1.25	10,510,114.80

TRANSACTION DETAIL

DATE	QUANTITY	DESCRIPTION	TRANSACTION TYPE	CASH	COST BASIS
09/01/21		BEGINNING BALANCE		0.00	10,497,642.31
09/01/21		594698LP5 INTEREST ON 255,000 UNITS MICHIGAN ST STRATEGIC FD LTD OBLG REVENUE FAC FOR RARE ISOTOPE BEAMS PROJ AT MICH ST UNIV 5% 03/01/2022 PAYABLE 09/01/2021	INTEREST RCVD	6,375.00	
09/01/21		734336WF3 INTEREST ON 295,000 UNITS PORT HURON MI TXBL EHN: BAM 1.608% 03/01/2025 PAYABLE 09/01/2021	INTEREST RCVD	2,371.80	
09/01/21		60934N500 DIVIDEND ON FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES PAYABLE 09/01/2021	DIVIDEND	4.52	
09/20/21		BANK WIRE RECEIVED FROM STATE BANK CD AMOUNT	CASH RCVD	500,000.00	
09/20/21		BANK WIRE RECEIVED FROM STATE BANK INTEREST	CASH RCVD	2,010.96	
09/20/21	500,000.000-	MS0020854 DELIVERED 500,000 SHS THE STATE BANK CUSIP: CD0000256 TRADE DATE 09/20/2021	SEC DELIVERED		500,000.00-

SEPTEMBER 01, 2021 TO SEPTEMBER 30, 2021

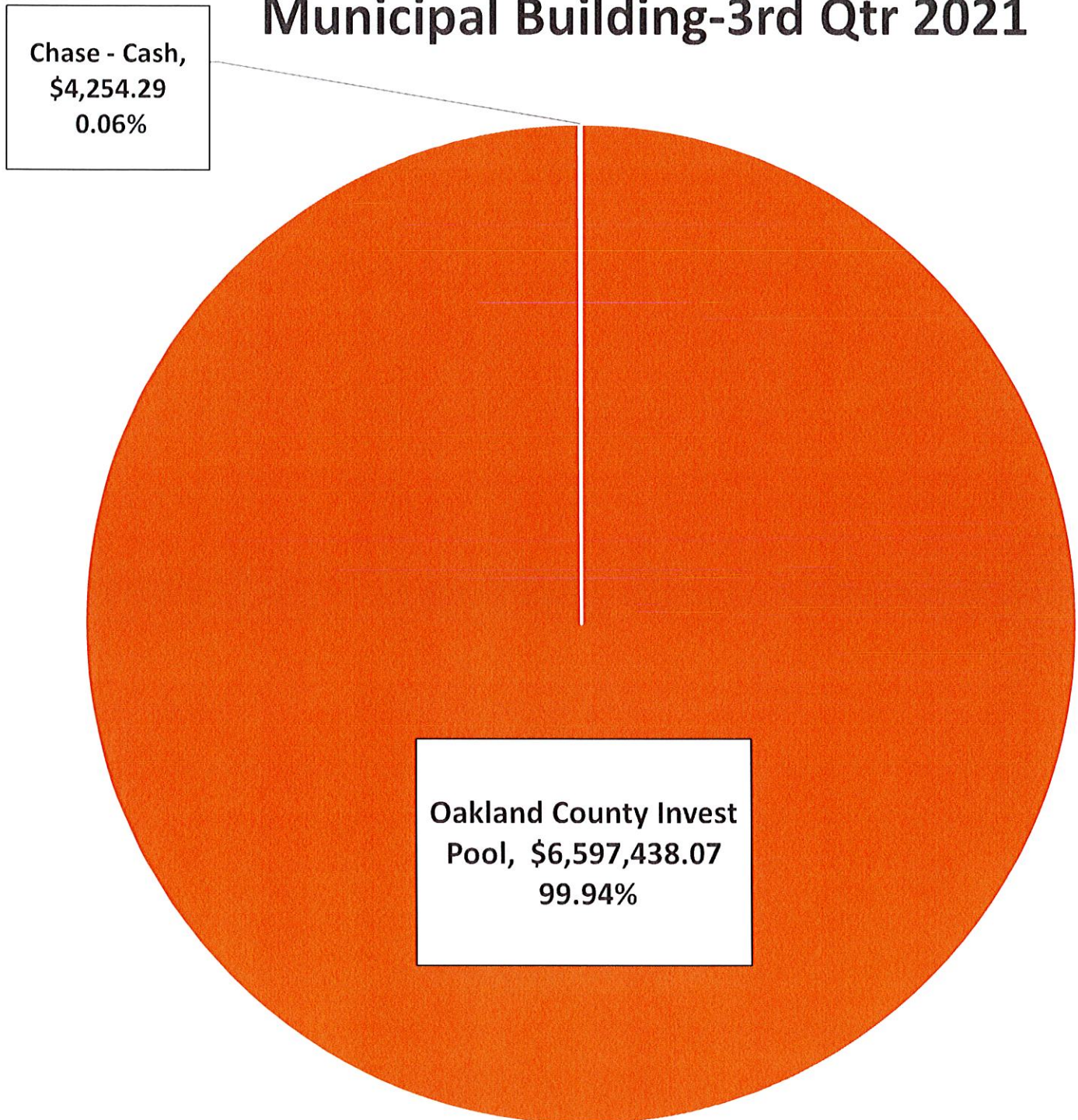
ACCOUNT NAME: ORION S W
ACCOUNT NUMBER: 1041019510

TRANSACTION DETAIL (CONTINUED)

DATE	QUANTITY	DESCRIPTION	TRANSACTION TYPE	CASH	COST BASIS
09/23/21		949763MA1 INTEREST ON 250,000 UNITS WELLS FARGO BANK NA MEDIUM TERM CD 2.5% 12/22/2022 PAYABLE 09/22/2021 EFFECTIVE 09/22/2021	INTEREST RCVD	530.82	
09/23/21		949763MB9 INTEREST ON 250,000 UNITS WELLS FARGO BANK NA MEDIUM TERM CD 2.25% 12/22/2021 PAYABLE 09/22/2021 EFFECTIVE 09/22/2021	INTEREST RCVD	477.74	
09/24/21		3134GWQ82 INTEREST ON 350,000 UNITS FHLMC .45% 12/24/2024-2021 PAYABLE 09/24/2021	INTEREST RCVD	787.50	
09/30/21		LITIGATION PROCEEDS FROM LITIGATION PROCEEDS FROM GSE BOND ANTITRUST LITIGATION	CASH RCVD	10.81	
09/30/21	512,472.490	60934N500 NET DEPOSIT FEDERATED TREASURY OBLIGATION FUND - INSTITUTIONAL SHARES	NET CASH MGMT	512,472.49-	512,472.49
09/30/21		NET FEES FOR THE PERIOD	NET FEE DISB	96.66-	
09/30/21		ENDING BALANCE		0.00	10,510,114.80

Cash/Investments

Municipal Building-3rd Qtr 2021





Oak Co Investment Pool FY2021

Oakland County Treasury

Position Report - Portrait

Investment #77676 - *Municipal Bldg*

As Of October 1, 2021

Investment # 77676
Fund 77676

CUSIP SYSTEM SYS
Issuer 99999 Pooled Investments
Cert./Acct#
Dealer GASB 3
Custodian
Asset Class Cash and Equivalents S&P Moody's
Investment Class Book Value

Beginning Balance Date 10/01/2020
Beginning Balance 8,000,000.00
Current Balance 6,601,765.33

Deactivate Date

Accrued Interest from Previous
Fiscal Year 3,057.41

Managed Pool Accounts (PA4)

Begin Rate 1.7171101 Current 0.6909678
Rates as of 09/01/2021 Basis 365
Interest Period ME
First Interest Due 10/01/2020
☒ Add Interest to Account Balance

☐ Include in Yield Calculation
☒ Clearing Account

Market Price 0
Market Price Date

Last Withdrawal Date 10/01/2021
Last Deposit Date 01/06/2021

Comment

Current Fiscal Year
Interest Received to 106,273.88

Passbook Transactions

Trans. Dat	Deposit	Withdrawal	Int. Rcvd.	Balance	Rate	Cd Receipt	Comments
09/01/2021	0.00	299.21	2,655.00	9,597,438.07		FI	Interest Earnings
09/01/2021	0.00	0.00	0.00	9,597,438.07	0.691	R	Interest Earnings
09/09/2021	0.00	1,000,000.00	0.00	8,597,438.07		XC EXGL	Balance = 8,597,438.07
09/17/2021	0.00	2,000,000.00	0.00	6,597,438.07		XC EXGL	Balance = 6,597,438.07
10/01/2021	0.00	239.33	4,566.59	6,601,765.33		FI	Interest Earnings



Agenda Item Summary

To: Board of Trustees
From: Penny Shults, Township Clerk
Meeting Date: November 1, 2021
Memo Date: October 26, 2021
Subject: Miles for Meagan - 7 Mile Run

☒ Consent ☐ Pending

REQUEST

Attached please find a request for Board approval for a seven-mile run - Miles for Meagan on December 4, 2021 at 10:00 a.m.

REASON

Jon Margerum-Leys wishes to host a 7-mile walk/run in memory of his daughter. The race will be limited to 100 individuals. They do not plan to have any structures in the road that would not allow for quick passage of emergency vehicles.

PROCESS

The request has been sent to the Fire Chief, DPW Director, and OCSO. The applicant has provided a map indicating the area affected, and has stated they will have volunteers to monitor street crossings.

RECOMMENDATION (MOTION)

Board action would be to approve Miles for Meagan on December 4, 2021 at 10:00 a.m., subject to compliance with all Township requirements.



Charter Township of Orion

2525 Joslyn Rd., Lake Orion, MI 48360

RECEIVED

OCT 26 2021

ORION TOWNSHIP CLERK

Request for Street Closure

Date: 10/26/21

Contact Person: Jan Margerum-Lay

Address: 557 Orchard Ridge
Lake Orion, MI 48362

Contact Phone # 734-276-1710

Street to be Closed (attach map): none. Several small residential streets will
be crossed by approximately 50 runners.

Date & Time of Closure: December 4, 10:00 - noon

Reason for Closure: Charity walk/run in memory of our late daughter
We will have volunteers to monitor street crossings.

Review Comments

Fire Chief _____

DPW Director _____

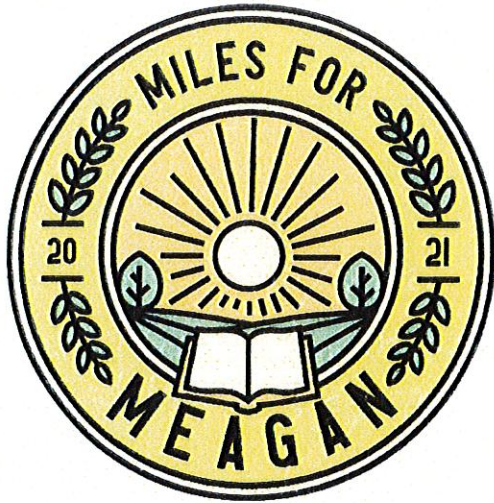
OCSD _____

Return By: _____

for Board Meeting to be held _____

Return Completed Form & Petitions to:

Orion Township Clerk's Office
2525 Joslyn Rd.
Lake Orion, MI 48360



Miles for Meagan

Set your 7 mile PR at a unique race to honor the memory of Meagan Margerum-Leys, a unique girl.

Event Overview

Date and Time: December 4, 2021, 10:00 am

Start and Finish: Canterbury Village, 2359 Joslyn Ct., Orion Charter Township, MI 48360

Distances: 7 mile solo run or walk, 3.5 mile x 2 relay run or walk, 0 mile donation only

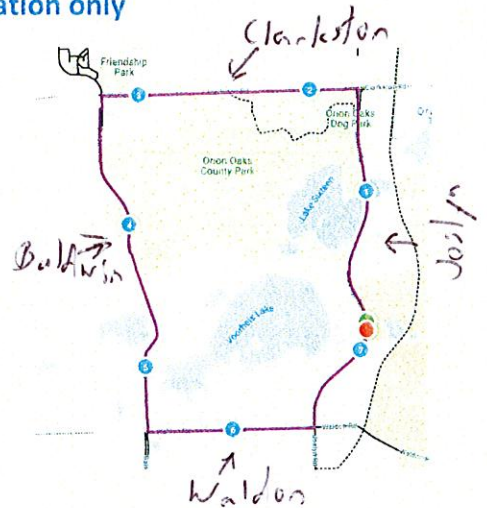
Course: Paved bike path throughout. Safe, flat, fast. Single loop course, no major intersections. 141' total elevation gain.

Field: Limited to 100

Cost: \$100 entry fee, ALL proceeds to benefit Rudolf Steiner School of Ann Arbor.

Registration page:

<https://eastsideracing.enmotive.com/events/register/2021-miles-for-meagan-7-mile-relay-run>



About Meagan and about this race

Meagan Margerum-Leys was an amazing kid, you would have liked her. Healthy for nearly all of her life, she contracted an inoperable malignant brain tumor in 2003. She battled it for 18 months, passing away in June of 2004. Meagan was passionate about language: She was an accomplished writer and a voracious reader. Her life's final project was to start a book collection to be housed in a small reading room at her school. She interviewed her teachers regarding books that they wanted to have on hand. After her death, her family and friends donated bookshelves, furniture, a computer, and books. In 2005, in honor of her 16th birthday, the reading room was dedicated.

Miles for Meagan seeks to raise \$10,000 for the purpose of enhancing the reading areas and experiences for students at the Rudolf Steiner School of Ann Arbor (<https://www.steinerschool.org/>). The race field will be limited to 100 individuals at \$100 each. All costs for putting on the race will be raised through donations in kind and sponsorships. All entry fees will go to the school.

Sponsors

The Margerum-Leys family
Canterbury Village
Rudolf Steiner School of Ann Arbor

Contact

Jon Margerum-Leys
jonml@comcast.net
(734) 276-1710

RECEIVED

OCT 26 2021

ORION TOWNSHIP CLERK

Petition Temporary Street Closure

We, the undersigned residents of Orion township and surrounding area
confirm that we are aware of and agree with the requested ~~closure~~ of
interruption the bike path.

on Dec 4
for Miles for Megan, a run in memory of Megan Margerum-Leys

[illegible]

RECEIVED

~~OCT 26 2021~~

ORION TOWNSHIP CLERK



Agenda Item Summary

To: Board of Trustees
From: Robert Duke, EFO, Fire Chief
Meeting Date: November 1, 2021
Memo Date: October 27, 2021
Subject: Award Bid - Fire Department Turnout Gear

☒ Consent ☐ Pending

REQUEST

The request is to award the bid for Fire Department Turnout Gear to Apollo Fire Equipment.

REASON

The current provider of turnout gear for the Fire Department is no longer able to honor the terms of their agreement. As such, a new Request for Bids was issued on September 24, 2021 in order to select a new vendor. Turnout gear is included in the Fire Department's capital budget over the next five years for staggered replacement. The first round of gear purchased under this agreement will be in January 2022.

PROCESS

A Request for Bids for the purchase of Firefighter turnout gear was issued on September 24, 2021. Three bids were received by the submittal deadline of October 8, 2021. The submittals were reviewed by Fire Administration. Please refer to the attached memo from Assistant Chief Pender detailing the reasons and process for selection, as well as the bid results.

RECOMMENDATION (MOTION)

Award Firefighter turn out gear bid to Apollo Fire Equipment located at 12584 Lakeshore Drive Romeo, MI 48065.



**Orion Township Fire Department
Interoffice Memorandum**

Date: October 14, 2021

To: Robert Duke, Fire Chief

From: 
John Pender
Assistant Fire Chief

Subject: Turnout Gear bid award_2022 Capital Plan

The Fire Department received 3 qualified bids for turnout gear. This bid was requested to begin the process of replacing our turnout gear over the next 5 years. NFPA 1851 states that firefighting ensembles (turnout gear) SHALL be retired no more than 10 years from date of manufacture.

Our current turnout gear was manufactured in 2015 and our backup gear was manufactured in 2007.

This bid was requested and budgeted over the next 5 years in our capital plan to replace current gear and backup gear. The plan will allow us to purchase up to 10 sets of gear per year for the next 5 years. This will allow for all gear to be replaced prior to the 10-year expiration date. A committee was formed with 5 members of the department and is chaired by Firefighter Jill Freeman. Firefighter Freeman is responsible for the department's turnout gear. Firefighter Freeman has obtained certifications in regards to turnout gear for maintenance, cleaning, inspecting and storage.

The committee would like to recommend that the RFB from **Apollo Fire Equipment** be selected.

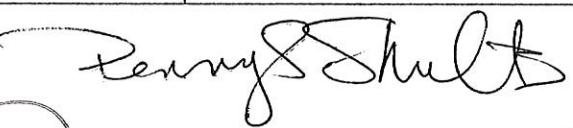
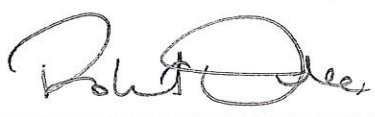

Apollo's bid was the lowest cost and meets all requested specifications. Apollo was also able to supply new hire gear in 45 days from date of PO issued.

Apollo Fire Equipment-	\$2,736.73 per set
5- Alarm-	\$2,775.61 per set
R&R -	\$3,043.98 per set

Recommended bidder (Apollo) RFB is attached along with the bid tracking sheet showing all bidders and proposed pricing.

If accepted, the fire department will be issuing a PO for gear order of 10 sets in January 2022 to coincide with the 2022 fire capital budget. Total cost \$27,367.30

Orion Fire Department Turn Out Gear
RFP OPENING DATE: Friday, October 8, 2021 - 2:00 P.M.

Bidder	Price	Year two
Apollo	1549.24 Cost 1187.41 Part	49% off list
5-Alarm	1617.56 Cost 1158.05 Part	6% +
R. 4R	1809.78 Cost 1234.20 Part	10 %
Witnessed by:   Fire Chief  Asst Chief		



12584 LAKESHORE DRIVE • ROMEO, MI 48065

(586) 752-1800 FAX (586) 752-6907

TO: ORION TWP FD – SEALED RFB FIRE DEPARTMENT TURNOUT GEAR

We would like to begin by thanking you for allowing us to be a part of the process to identify and provide the best PPE for the ORION TWP FD. Apollo Fire Equipment is oldest dealer of firefighting equipment in the State of Michigan. Apollo opened in 1969 and is operated by President/CEO Bob Konupek (sole owner of the corporation). Apollo is located at 12584 Lakeshore Dr. in Romeo, MI providing sales and service on all your firefighting needs from fire trucks, SCBA, PPE as well as any other equipment your department would need. We pride ourselves in providing sales and service of the top brands of equipment to a range of customers from the smallest departments in Northern Michigan to large cities Like Detroit, Warren and Troy.

Our sales staff is led by Jo Ellen Pavoni, VP Sales and Marketing who brings 25 years of sales experience in the fire equipment industry. Your local salesperson is David Duddles who started his career in the fire service in 1983 with the Orion Twp. FD. In 1986 he was hired by the Pontiac FD, holding the ranks of Fighter, Engineer and Lieutenant before retiring in November 2009 at the rank of Captain. David joined Apollo in January 2010 as a sales representative and currently services the counties of Oakland and Genesee.

Globe has been producing personal protective clothing for the fire service for over 135 years and is based in Pittsfield, NH approximately 1-hour North of Boston, MA. Globe is now part of MSA, the largest safety company in the United States. All manufacturing is within 4 facilities in the United States. These facilities produce over 1000 garments per week. Globe/MSA has 2 Fire Responder Sales Managers who are based and live in Michigan offering quick response to the needs of our customers and will assist where needed.

It is the intent of Apollo/Globe to meet or exceed all specifications requested within the bid spec's And provide your department with the product that best fits your needs. Pricing provided for 2nd thru 4th years of the contract are based on a percentage of list price at time of order. The volatile supply market has made it impossible for manufacturers to estimate cost increases passed on to them.

Sincerely,
David Duddles

A handwritten signature in blue ink, appearing to read 'David Duddles', is written over the printed name.



Charter Township of Orion

County of Oakland, Michigan

Request for Bid **FIRE DEPARTMENT TURNOUT GEAR** **FOR** **THE CHARTER TOWNSHIP OF ORION** **LAKE ORION, MICHIGAN**

September 24, 2021

The Charter Township of Orion is issuing Request for Bid (RFB) for interested and qualified vendors to provide Turnout Gear for the Orion Township Fire Department.

Sealed Bids: Vendors will submit **one (1) original** and **two (2) copies** to the following address:

The Charter Township of Orion
Clerk's Office
2525 Joslyn Rd.
Lake Orion, MI 48360

By 2:00 p.m. Friday, October 08, 2021

Bids received after the above cited time will be considered a late submittal and are not acceptable.

- The envelope should be clearly marked **"SEALED RFB – Fire Department Turnout Gear"**
- Please direct procedural questions regarding this RFB to the Clerk's Office 248-391-0304 ext. 4000
- Please direct technical questions regarding this RFB to Assistant Chief John Pender 248-391-0304 ext. 2002 or jpender@oriontownship.org by Wednesday October 06, 2021 at 4:30 p.m.

Thank you for your interest.

Charter Township of Orion – Fire Department Turnout Gear RFB

I. PROPOSAL INFORMATION

Definitions	"Bidder"	An individual or business submitting a bid to the Charter Township of Orion
	"Vendor"	A person or company offering a product in accordance with an agreement
	"Township"	The Charter Township of Orion

II. PROPOSAL TERMS

The Charter Township of Orion reserves the right to reject any and all proposals received as a result of this RFB. If a proposal is selected, it will be the most advantageous regarding price, quality of product, the vendor's qualifications and capabilities to provide the specified product, and other factors that the Charter Township of Orion may consider. The Township does not intend to award a contract fully on the basis of any response made to the proposal; the Township reserves the right to consider proposals for modifications at any time before a contract would be awarded, and negotiations would be undertaken with that vendor whose proposal is deemed to best meet the Township's specifications and needs.

The Township reserves the right to reject any or all bids, to waive or not waive informalities or irregularities in bids or bidding procedures, and to accept or further negotiate cost, terms, or conditions of any bid determined by the Township to be in the best interests of the Township even though not the lowest bid.

Proposals must be signed by an official authorized to bind the vendor to its provisions for at least a period of 90 days. Failure of the successful bidder to accept the obligation of the contract may result in the cancellation of any award.

In the event it becomes necessary to revise any part of the RFB, an addendum will be provided. Deadlines for submission of RFBs may be adjusted to allow for revisions. To be considered, **one (1) original and two (2) copies** must be at the Township on or before the date specified.

Proposals should be prepared simply and economically providing a straight forward, concise description of the consultant's ability to meet the requirements of the RFB. Proposals shall be typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed in ink by the person signing the proposal.

III. AWARD

Award is contingent upon the successful negotiation of final contract terms. If contract negotiations cannot be concluded successfully, the Township may negotiate a contract with any other proposer or withdraw the RFB.

AWARD SELECTION PROCESS. Selection of qualified proposers will be based on the Township's sole determination as to how well proposals meet the Township's needs. Additional questions may be asked of proposers, and interviews may be conducted. Proposers will be notified of any additional required information or interviews after the written proposals have been evaluated. The Township reserves the right to reject all bids.

At the Township's option, discussions may be had with vendors determined to be reasonably susceptible of being selected for an award. Discussions may be for the purpose of clarification, to assure full understanding of and responsiveness to the solicitation requirements. In conducting discussions, the Township will not disclose information derived from bids submitted by competing proposers.

CANCELATION OF SOLICITATION. The Township may cancel this solicitation at any time.

COMPLIANCE WITH LAWS. All bids shall comply with current federal, state, local and other laws relative thereto.

EXPERIENCE AND COMPETENCY. The successful bidder shall be skilled and regularly engaged in the type of work specified. Consideration will be given not only to the financial standing but also to the general competency of the bidder for the performance of the work specified in the contract documents.

INFORMED BIDDER. Bidders are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting bids. Failure to do so will be at a bidder's own risk.

BID COSTS. The Township is not liable for any costs incurred by bidders before entering into a formal contract. Costs of developing the bid, or any other such expenses incurred by the bidder in responding to the RFB, are entirely the responsibility of the bidder and shall not be reimbursed in any manner by the Township.

BID MODIFICATIONS. Any bidder who wishes to make modifications to a bid already received by the Township before the submittal deadline must withdraw their bid in order to make the modifications. Withdrawals must be made in accordance with the terms and conditions of this solicitation (see Withdrawal of Bid). All modifications must be made in ink, properly initialed by bidder's authorized representative, executed and submitted in accordance with the terms and conditions of this solicitation. It is the responsibility of the bidder to ensure that modified or withdrawn bids are resubmitted before the submittal deadline.

BID, REJECTION OF. The Township reserves the right to reject any or all bids or any part of a bid. The Township reserves the right to reject the bid of any bidder that previously failed to perform adequately for the Township or any other governmental agency. The Township expressly reserves the right to reject the bid of any bidder who is in default on the payment of taxes, licenses or other monies due to the Township.

BIDDER IS SOLE POINT OF CONTACT. The successful bidder will be the sole point of contact. The Township will look solely to the successful bidder for the performance of all contractual obligations that may result from an award based on this RFB, and the awarded bidder shall not be relieved for the nonperformance of any or all subcontractors.

SELL OR ASSIGN. The successful bidder shall not have the right to sell, assign or transfer any rights or duties under any contract entered into as a result of this RFB without the specific written consent of the Township.

SIGNATURES. An individual who is authorized to bind the bidder must sign the proposal. **WITHDRAWAL**

OF BID. Bidders' authorized representatives may withdraw bids only by written request received by the Clerk's Office before the bid submittal deadline. After that time, bidders may not withdraw their bid for a period of ninety (90) days from the date of opening. At no time may the successful bidder(s) withdraw his proposal.

DHS CERTIFICATION. By submitting a bid, the bidder hereby certifies that at the time of this certification, the bidder does not knowingly employ or contract with an illegal alien; and that bidder has participated, or attempted to participate, in the E-verify program or the Department Program, as defined in C.R.S. §§ 8-17.5-101(3.3) and 8.17.5-102(3.7), respectively, in order to confirm the employment eligibility of all employees who are newly hired for employment to perform the work under the public contract for services.

INDEMNIFICATION AGREEMENT

The vendor will protect, defend and indemnify the Charter Township of Orion, its officers, agents, servants, volunteers and employees for any and all liabilities, claims, liens, fines, demands and costs, including legal fees, of whatsoever kind and nature which may result in injury or death to any persons, including the vendor's own employees, and for loss or damage to any property, including property owned or in the care, custody or control of the Charter Township of Orion in connection with or in any way incident to or arising out of the occupancy, use, service, operations, performance or non-performance of work in connection with this contract resulting in whole or in part from negligent acts or omissions of vendor, any sub-vendor, or any employee, agent or representative of the vendor or any sub-vendor.

Orion Township Authorized Contacts

Robert Duke, EFO
(248) 391-0304 ext. 2001

CHARTER TOWNSHIP OF ORION

Sealed Bid Form – Fire Department Turnout Gear

Requested by the Fire Department

Bid Opening: Friday, October 08, 2021 at 2:00 p.m.

The undersigned hereby declares that he/she has carefully examined the instructions and specifications as listed in the Bid Packet. The undersigned declares the prices set forth in this bid do cover all the requirements listed in the bid packet "Fire Department Turnout Gear."

It is understood and agreed that all bid prices shall remain in effect for at least ninety (90) days from the date of the bid opening to allow for the award of the bid, and that the prices bid will remain firm through invoice.

The Charter Township of Orion reserves the right to split or abstract any or all bid proposals and award multiple contracts from the same quotation, based on price, availability and service, when in its judgment it best serves the Charter Township of Orion.

-Attach bid sheet

BIDDERS

Name of Bidder: Apollo Fire Equipment

Address: 12584 LAKE SHORE DR Romeo, MI 48065

Telephone No.: 800-626-7783 Fax No.: 586-752-6907

Authorized Signature: David Buddle Date: 10-6-21

References (Public accounts)

Entity's Name & Address, Contact Information & Phone Number

- 1) TROY FD 500 W BIG BEAVER PETER HOLLINGER 248-524-3419
- 2) WATERFORD REGIONAL FD MATT COVEY 248-673-0405
- 3) OXFORD FD PETE SCHOLZ 248-969-9483

Charter Township of Orion – Fire Department Turnout Gear RFB

TURNOUT GEAR SPECIFICATIONS FOR ORION TOWNSHIP FIRE DEPARTMENT

The Orion Township Fire Department requests bid submissions for the follow specifications. It is the intent of the specifications to provide competitive bidding while ensuring the best level of protection for our personnel. A committee chaired by the Fire Chief or his designee will review the specifications and bids shall be awarded on the overall completeness and accuracy of submissions as well as the criteria set forth.

This will not be a split bid; coats and pants will be procured from the same manufacturer.

Please review each specification and provide a Yes or No answer.

Each "Yes" means the bidder will fully comply with the specification without exception.

Each "No" answer **requires a full written explanation.**

Each "Yes/No" question not checked where provided will be considered a "No" answer.

EXCEPTIONS AND CLARIFICATIONS

All deviations from this specification shall be completely documented on a separate page, identifying the exact clarifications or exceptions, in the order presented in the published document with any submitted bid. All YES/NO answers shall be clearly marked on this document. Failure constitutes "non-compliance" with this specification and your bid may be removed from consideration.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

DELIVERY REQUIREMENTS

The successful bidder shall provide "new hire" ordered bunker gear within 95 calendar days from the receipt of order, any variations shall be documented and sent to the office of the fire chief for approval on a case by case basis. The successful bidder shall provide replacement orders for bunker gear within 150 calendar days It is the intent of the Township that gear be replaced in this timely fashion to support the operations of the Orion Township Fire Department.

The Successful bidder shall also provide provisions in their proposal for "Emergency Orders" of bunker gear to be delivered within **14 days** of receipt of order and measurement (if needed).

Does Your Bid Comply With All Aspects Of This Section? Yes No ✓ *to 14 day*

PURPOSE AND SCOPE

This specification defines the minimum requirements for blood borne pathogen resistant (BPR) firefighter personal protective equipment (PPE) to provide limited protection to fire fighters against adverse environmental effects during structural firefighting

operations and certain other emergency operations where there is a threat of fire or where certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extraction, as defined by NFPA 1971, *Standard on Protective Ensemble for Structural Fire Fighting*, 2018 Edition (hereinafter referred to as NFPA 1971, except in the Applicable Documents section). In the absence of comment on a particular point, industry standard practice shall be presumed to prevail. Workmanship and material shall be first quality throughout. All exceptions to specifications must be clearly spelled out at the time of bid. In the absence of comment to a specific point, the bidder is required to furnish a wholly compliant garment. Taking a blanket exception shall not be acceptable.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

UNITS OF MEASURE

Current NFPA standards applicable to this product specification express values for measurement requirements in SI (metric-based) units, followed by US (inch-pound) approximate equivalents in parentheses. For the convenience of the fire department, this product specification *reverses the order* and presents the more familiar US approximation first, followed by the SI requirement in parentheses.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

CERTIFICATION

The manufacturer must certify that the garments proposed in its bid meet or exceed all requirements of NFPA 1971. The manufacturer must also list and label this product with Underwriters Laboratories Inc. (UL) or Safety Equipment Institute (SEI), as the third-party certification organization prescribed in NFPA 1971. All certification testing and test preconditioning must have been performed by an ISO 17025-certified laboratory. UL, SEI or a UL Authorized Client Test Data Program laboratory will fulfill this requirement.

Certification shall include, by definition, the scope of protection as follows: Coat shall provide limited protection resistance to blood borne pathogens to the upper torso including the arms but excluding the head and neck interface area and the hand and wrist interface area. The pant shall provide limited protection resistance to the lower torso including the legs but excluding the foot and ankle interface area. The coat and pant overlap shall provide limited protection resistance to the coat/ pant interface area.

The scope of blood borne pathogen protection as follows: When used with BPR gloves, BPR boots, and a BPR helmet (with BPR face shield and ear covers), the garments shall provide head-to-toe blood borne pathogen resistance protection, including the interface areas, as defined by the NFPA 1971 Viral Penetration Resistance Test using the Phi-X174 bacteriophage, in conjunction with the NFPA 1971 Whole Garment Liquid Penetration Test.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

Manufacturer must provide, on request, third party certification of the required interface blood borne pathogen resistant capability.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

The manufacturer shall be registered to ISO 9001, *Quality Management Systems – Requirements*, 2000.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

WARRANTY

The manufacturer must provide a lifetime warranty against defects in materials and workmanship with the bid package. A detailed statement of warranty shall be provided in writing upon submission of bid to include length and materials covered as well as the location of repair facility and the method for submission of repair work. A warranty statement shall be provided with the completed bid, specific to your bid proposal. NO EXCEPTIONS

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

TECHNICAL BULLETIN NOTIFICATION

The manufacturer shall notify the Orion Township Fire Department of any technical bulletins, warnings or product recalls associated with the gear ordered for a period of 10 years from the date of gear manufacturing.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

PRODUCT COUNTRY OF ORIGIN

For liability reasons, garments must be manufactured in the United States of America or Canada, by companies with their assets and incorporation within the United States of America or Canada.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

LABELING REQUIREMENTS

Labels shall be permanently and integrally printed onto breathable materials that meet all the requirements for labels of NFPA 1971. Garment labels shall meet all requirements of NFPA 1971 Flame Resistance Test One (for vertical flame resistance of cloth). The garment shall be clearly labeled to fully identify the material content of all three layers: outer shell, moisture barrier and thermal liner. In addition, each separable layer of garment shall be labeled with the FEMSA-style DANGER label in an obvious location.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

CARE INSTRUCTIONS

The manufacturer shall provide a user information guide for the garments, which complies with user information requirements of NFPA 1971. Topics shall include, but not necessarily be limited to: pre-use information, preparation for use, inspection frequency and details, don/doff, use consistent with NFPA 1500, maintenance and cleaning, and retirement and disposal criteria and considerations.

This document shall be packaged with each garment along with a specification summary sheet describing garment custom options, sizing and production details.

This written information shall be in complete compliance with NFPA 1971 requirements, and shall reference same.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

The Bidder shall provide training to fire department personnel on the proper inspection and maintenance of the proposed gear. The training will be coordinated with the Orion Township Fire Department Assistant Chief and geared towards a select group of employees who will perform annual inspections.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

TRACEABILITY PROGRAM

The manufacturer shall have in place a computer maintained traceability program that provides for the assignment of a production control number to each garment. The traceability program must be capable of tracing the garment through production, from the bolts of cloth used in all three layers of the garment composite construction, to the assignment of the garment to the individual firefighter. This production control number shall be visibly located on the garment label and on other protected areas of garment.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

PATENT CONSIDERATIONS

Seller agrees to defend Buyer at Seller's own expense, in all suits, actions or proceedings in which Buyer is made a defendant for actual or alleged infringement of any United States of America, Canada or foreign letters patent resulting from Buyer's use of the goods purchased as a result of this Invitation to Bid. Seller further agrees to pay and discharge any and all judgments or decrees, which may be rendered in any such suit, action or proceedings against Buyer.

Seller agrees to indemnify and hold harmless the Buyer from any and all licenses, royalty and proprietary fees or costs, including legal costs, which may arise out of Buyer's purchase and use of goods supplied by the seller. It is expressly agreed by Seller that these covenants are irrevocable and perpetual.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

SIZING

To ensure a perfect fit, sizing shall be based on actual measurements taken of the firefighter by a trained measurement specialist, or sizing garments, or both. Sizing measurements shall be taken according to a schedule and location(s) mutually agreed between the manufacturer and the department. ***The vendor shall provide measurement of personnel no longer than 7 business days of receipt of order.***

Garments shall be available in custom sizing as follows: coat chest in 2-inch (5.1 cm) increments, coat sleeve in 0.5-inch (1.3 cm) increments, coat back length in 1-inch (2.5 cm) increments, pant waist in 2-inch (5.1 cm) increments and pant inseam in 1-inch (2.5 cm) increments. A full range of women's sizing, on women's patterns, must also be available. Each sleeve and inseam length shall provide 100% gradation from shoulder to wrist, and from hip to ankle, to provide proper fit for individual arm and leg lengths. Pattern tailoring to custom-fit neck, bicep, hip/seat and thigh circumferences must also be provided, when needed, at no additional charge. Neither Small-Medium-Large-Extra Large sizing nor women's garments cut to men's patterning are considered acceptable, since proper fit facilitates mobility and minimizes stress.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

FLAMMABILITY OF CONSITUENT MATERIALS

Labels, bindings, hang-up loops and production labels shall be tested for flame resistance and shall comply with the requirements of NFPA 1971 Flame Resistance Test One (for vertical flammability of cloth).

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

SELF-BINDING

Liner and moisture barrier shall be stitched together and turned, then topstitched, to create a self-binding. The extra bulk of separate binding material is specifically prohibited.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

THREAD

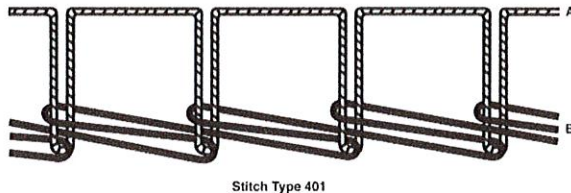
All thread used in structural seams shall be Nomex® of minimum Tex size T-70. Light colored garments and trim areas shall feature yellow thread. Black and dark garments shall feature black thread. Tan or bronze colored garments shall feature tan thread.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

STITCH METHODS

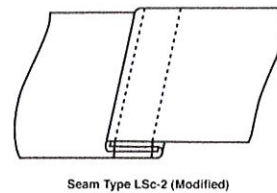
MAJOR A & B SEAMS

Except for the collar Major A seam, which is single-needle lock stitched three times, all Major A & B seams (as defined by NFPA 1971) shall be double stitched, double feld throughout all three layers (outer shell, moisture barrier and thermal liner), and shall be made with Nomex® thread, Tex size T-90. Detailed stitch and seam type requirements are shown below.



Stitch Type 401

*Double lockstitch, as defined by
ASTM D 6193-97*



Modified Seam Type LSc-2

*Double feld seam, modified only
to ensure that both stitch lines
penetrate all layers of cloth at
joining, otherwise as defined by
ASTM D 6193-97*

Also, all moisture barrier seams shall be tape-sealed to meet all requirements of the NFPA 1971 Liquid Penetration Resistance Test.

Does Your Bid Comply With All Aspects Of This Section?

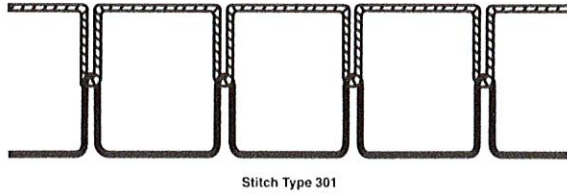
For Outer Shell: Yes ☒ No ☐

For Thermal Lining: Yes ☒ No ☐

For Moisture Barrier: Yes ☒ No ☐

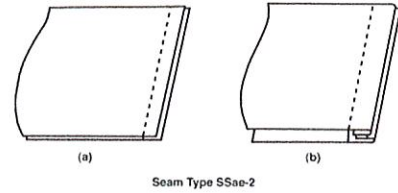
MINOR SEAMS

Most Minor seams, such as storm shields and mated hems, shall also be stitched with the specified Nomex thread. Detailed stitch and seam type requirements are shown below.



Stitch Type 301

Lockstitch as defined by ASTM D 6193-97



Seam Type SSae-2

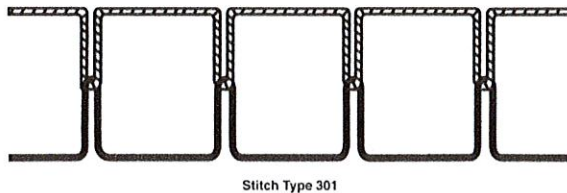
As defined by ASTM D 6193-97, shown(a) before and (b) after required turning

Does Your Bid Comply With All Aspects Of This Section?

Yes ☒ No ☐

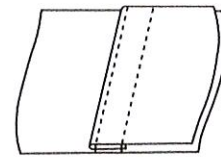
POCKETS

Flat garment pockets shall be stitched with the specified Nomex® thread. Detailed stitch and seam type requirements are shown below.



Stitch Type 301

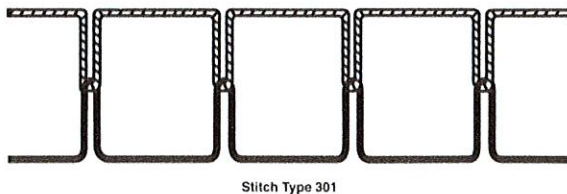
Lockstitch as defined by ASTM D 6193-97



Seam Type LSd-2

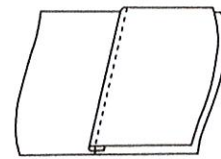
As defined by ASTM D 6193-97

3-Dimensional pocketing shall feature these same construction details, but the reinforced single stitch Seam Type LSd-1 may be substituted for LSd-2. Detailed seam type requirements are shown below.



Stitch Type 301

Lockstitch as defined by ASTM D 6193-97



Seam Type LSd-1

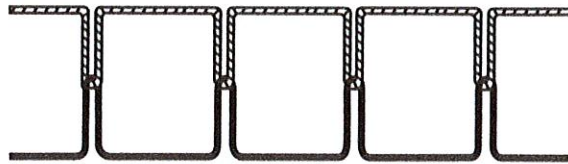
As defined by ASTM D 6193-97

Does Your Bid Comply With All Aspects Of This Section?

Yes ☒ No ☐

TRIM AND DANGER LABELS

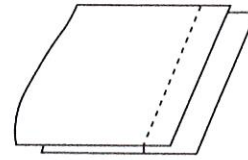
Trim and DANGER labels shall be stitched with the specified Nomex® thread. Detailed stitch and seam type requirements are shown below.



Stitch Type 301

Stitch Type 301

Lockstitch as defined by ASTM D 6193-97



Seam Type SSbd-1

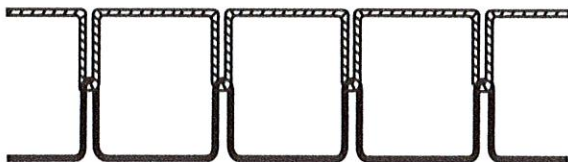
Seam Type SSbd-1

As defined by ASTM D 6193-97

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

SINGLE LAYER HEMMING AND FINISHING

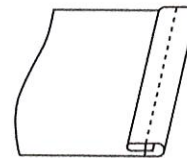
Single layer hemming and finishing shall be stitched with the specified Nomex® thread. Detailed stitch and seam type requirements are shown below.



Stitch Type 301

Stitch Type 301

Lockstitch as defined by ASTM D 6193-97



Stitch Type EFb-1

Seam Type EFb-1

As defined by ASTM D 6193-97

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

POCKETS

If exterior pockets are specified in either the COAT CUSTOM OPTIONS TO BE PROVIDED section or in the PANT CUSTOM OPTIONS TO BE PROVIDED section, the following requirements shall apply to all such custom option specified exterior pockets:

All pockets and flaps shall be reinforced at the top corners with bar tack stitching.

All pockets shall be reinforced with an extra layer of NFPA-certified outer shell, moisture barrier, or other NFPA-certified reinforcement material for extra durability. The exact location of the reinforcements shall be identified in the custom options section(s).

All pockets shall have a means to drain water and shall have a means of closure. All pocket closures shall be made with hook and loop fastener tape a minimum of 2 inches wide, with a flap. The specific placement of the closure system shall be declared at the time of order.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

TAILORED GRADING OF GARMENT LININGS

Wherever garment linings are specified, including but not limited to thermal linings and moisture barriers, each such lining layer shall be tailor-graded to fit within the overall garment composite of all layers without causing bunching or binding when the garment is worn.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

POINTS OF STRESS

All points of stress shall be reinforced with sturdy bar tacks. Rivets are not acceptable because of their potential for rust and electrical or heat conduction.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

HIGH TEMPERATURE, NFPA 1971-CERTIFIED MATERIAL REINFORCEMENTS

Reinforcements shall be provided at cuffs and pockets and shall meet the requirements of NFPA 1971.

For cuff reinforcements only: Manufacturer shall provide cuff reinforcements made of outer shell material at no additional cost. If the purchaser specifies reinforcements made of materials other than outer shell material, the manufacturer shall identify the additional cost for the specified material.

For pocket reinforcements only: Any NFPA 1971-certified material may be used in the reinforcement of the pocket. If the purchaser requests specific NFPA 1971-certified materials for pocket reinforcements, the manufacturer shall identify the additional cost for the specified material.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

ASSET TRACKING SERVICES

The successful shall provide a Windows-compatible software program for the tracking of care, cleaning and maintenance of the department's PPE.

This tracking program shall meet or exceed all record-keeping requirements of standard NFPA 1851, *Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles*, 2001 Edition

Labels on each separable part of the garment shall include a standard style interleaved

2 of 5 barcode containing (at a minimum) an individualized serial number for asset tracking purposes.

The manufacturer must be capable of providing onsite or internet training to department personnel who are involved with the daily use of this tracking program, and if there is an additional cost involved for this service, the Bidder must disclose those costs at the time of bid.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

REPAIRS AND ALTERATION SUPPORT

The manufacturer shall provide on call at no charge, during normal business hours, a liaison for the repair department to assist the Fire Department on a telephone consultation basis, on all maintenance or repair questions that might arise. Additionally, the manufacturer shall agree to expedite, on its own cost-only basis, all repairs that must be performed at the manufacturer's plant over the life of the contract.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

HIGH TEMPERATURES THERMAL INSULATING MATERIALS REQUIREMENT

Because thermally stable materials are essential to maximizing protective performance in firefighters' PPE, and because NFPA only states "minimum" performance requirements, all thermal liner or thermal enhancing materials used in the garments shall also meet the following criteria after the 500-degree F oven test:

- 1) Material shall remain intact and flexible
- 2) No portion of the material shall crack, crumble or flake

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

BREATHABILITY REQUIREMENT

Excluding where required by NFPA standard, necessary for functionality, or specifically called out in the custom option sections, all materials used in the construction of the garments shall be breathable and all moisture barrier material must be as specified in the following materials section, or must be Crosstech.

The breathability requirement includes but is not limited to: collar, chinstrap, storm shield, fly, water wells, front coat facings, labels, and reinforcement cushioning where applicable.

Areas where non-breathability is allowed (absent Custom Option specifications): trim, hook and loop fastening, hardware or hardware backing, and external pocketing.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

CONDUCTIVE AND COMPRESSIVE HEAT RESISTANCE (CCHR)

Using breathable materials as outlined in the section titled Breathable Materials, there shall be a minimum area of 4" x 4" (10.2 cm x 10.2 cm) at the shoulders and elbows that provide a minimum of 50 CCHR at 2 psi, and a minimum 6" x 6" (15.2 cm x 15.2 cm) area at the knees that provide 75 CCHR at 8 psi. All three compression areas shall be constructed of high temperature fiber-based materials and sewn to the thermal liner on the inside of the liner toward the moisture barrier.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

SEAM PROTECTION AT CUFFS

At the coat and pant cuff Major A seams, the reflective trim shall stop just before the folding of the full felled seam and for additional abrasion protection be covered by a sewn on, 0.75" (1.91 cm) wide black Nomex webbing material laid on top of the Major A seam and covering each end of the trim.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

APPLICABLE DOCUMENTS

The following standards in their active versions on the date of invitation for bid shall form a part of this specification to the extent specified herein.

<u>STANDARD</u>	<u>TITLE</u>
ASTM D 6193-97	Standard Practice for Stitches and Seams
NFPA 1500,2002 Edition	Standard on Fire Department Occupational Safety and Health Program
NFPA 1851, 2001 Edition	Standard on Selection, Care, and Maintenance of Structural Fire Fighting Protective Ensembles
NFPA 1971, 2007 Edition	Standard on Protective Ensemble for Structural Fire Fighting

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

COAT

DESIGN CONCEPT (STYLING)

Name Plates shall be interchangeable with future purchases of like coat. The coat composite (all three layers) shall not gap when the firefighter is bending, crawling or climbing. Gapping shall be determined as defined by NFPA 1500 with both arms fully overhead and wearer bending to rear, sides and front. The actual length of coats (shorter or longer) will be determined by each individual's torso length. Coat must interface properly with standard height pants.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

PATTERNING CONCEPT

Garments shall feature a tailored three-piece body, one-piece back construction throughout the outer shell, moisture barrier and thermal liner layers. One-piece garments (either all layers or some layers) will not be considered acceptable since they cannot be tailored to hard-to-fit personnel. Similarly, garments with seams in mid-back are not considered acceptable because of backbone irritation that can occur with SCBA use. To facilitate individual tailoring needs, the major A & B seams joining the one-piece back to the right and the left front body panels (outer shell and all interior layers) shall be located at the most lateral position when the coat is laid flat for inspection.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

PATTERNING REQUIREMENTS

To assure maximum freedom of movement and reduce kinetic resistance with minimum garment weight and bulk, coat patterning shall include the following features:

- Degree of slope on shoulders shall be no more than 20%.
- Hydraulic Butterfly sleeve patterning with 85-degree Lift Up Release Action shall be provided to minimize coat hem rise.
- Sleeve attachment shall minimize shoulder lift and allow a full 360 degrees freedom of movement.
- Coat hem rise with overhead reach of both arms not to exceed 4-inch (10.2-cm) maximal extension on properly fitted garments.
- Shell-and-liner retraction at the cuff shall not exceed 1 inch (2.5 cm) when both arms are raised overhead. This helps eliminate wrist exposure.
- 10-inch (25.4-cm) chest over-sizing shall be provided.
- Coat sweep measurements must be consistent with the chest over-size at the hem.
- Reach when measured from cuff to cuff, with coat lying flat, and standard-length sleeves extended to each side, shall be provided as detailed below:

<u>Chest Size</u>	<u>Standard Reach</u>
40 in (101.6 cm)	66 in (167.6 cm)
42 in (106.7 cm)	67 in (170.2 cm)
44 in (111.8 cm)	68 in (172.7 cm)
46 in (116.8 cm)	68 in (172.7 cm)

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

DRAG RESCUE DEVICE (DRD)

Manufacturer shall supply an NFPA required and certified Drag Rescue Device with each coat. The device shall be designed to fit each individual chest size. Each strap will be properly labeled with DANGER labels that include what chest size the Rescue Strap is designed to fit along with instructions for care and installation/removal of the Rescue Strap.

Rescue Strap shall be designed in a fashion that it functionally provides a dynamic and articulated action and to eliminate excess strapping material hanging down the back when installed between the garment's liner and outer shell.

The device shall be constructed using two components: a 1.75" (4.45 cm) Kevlar webbing grab handle; and a free-floating loop of Kevlar rope to go around each of the wearer's arms/shoulder at a minimum. The grab handle shall be positioned at the rear of the upper torso and through the grab handle.

The grab loop shall extend upward and pass through a reinforced slot in the coat outer shell just below the center rear of the collar seam where it will exit the outer shell where it will be covered by an outer shell tunnel. The protruding grab loop shall then fold back down over the top of the tunnel and bestowed by Velcro with the pile sewn for the width of the tunnel and the hook sewn on the grab loop. There shall then be an outer shell flap sewn below the collar that will fold down over the stored grab loop and held in place with Velcro to reduce the chances of snagging the grab loop by accident.

To facilitate comfort and safety the Grab Handle shall be constructed of soft and pliable Kevlar webbing meeting the following specifications:

Description	100% Kevlar Double Plain Weave - Black with Natural Kevlar
Center	1500/1000/2.75z Kevlar T-970F Black
Warp Yarn	1500/1000/2.75z Kevlar T-961 Natural
Weft Yarn	1500/1000/2.75z Kevlar T-970F Black
Catch cord	Tex size T-50 3-Ply/9.5z Bonded Kevlar Sewing Thread Black
Width	1.75" (4.45 dm)
Thickness	0.064" ± 0.010" (.163 cm ± .0254 cm)
Tensile	5,000 lb minimum (22.24 kN)

To facilitate comfort and safety the free-floating loop shall be constructed of soft and pliable Kevlar rope meeting the following specifications:

Description	100% Kevlar Tubular Plain Weave - Natural
Warp Yarn	1500/1000/2.75z Kevlar T-961 Natural
Weft Yarn	1500/1000/2.75z Kevlar T-961 Natural
Catch cord	Tex size T-35 Crispin Kevlar thread
Width	.038" (.097 cm)
Thickness	0.144" ± 0.005" (.366 cm ± .013 cm)
Tensile	3500 lb minimum (15.57 kN)

Rescue Strap shall be sewn with Kevlar thread with a minimum Tex size T-210

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

LINER ATTACHMENT

The completed liner-moisture barrier assembly shall attach by means of four (4) evenly spaced glove snaps to each outer shell front facing to reduce weight, bulk and stiffness. To provide continuous moisture and pathogen protection at the front, the liner shall be positioned so it is sandwiched between the coat front facing and a breathable pathogen shield. The use of zippers or hook and loop fasteners in this area is not allowed due to their added weight, bulk and stiffness.

Liner sleeves shall be attached at the outer shell cuff by means of snaps on two (2) sets of outer shell fabric tabbing strips per cuff. These snaps shall be isolated by the tabbing material so that they will not abrade against the outer shell.

To provide continuous moisture protection and pathogen protection at the neck, the liner shall be positioned so that it is sandwiched between an outer-facing pathogen shield and an inside facing of the specified outer shell material, both folded over and sewn in at the neck seam.

The liner system design shall not allow products of combustion or other contaminants to move into the liner interior between the moisture barrier and thermal liner. For instance, separately hemmed and bartacked liner and moisture barrier with open edge designs would not be acceptable.

Attachment shall be by means of four (4) glove straps that penetrate only the layer of the attachment facing towards the liner, so that metal contact at a wearer's neckline is completely eliminated.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

COAT CERTIFICATION LABEL ON LINER

The coat certification label on the liner shall be integrally printed on FR Cotton Indura® and lockstitches to the inside right body panel in a fashion to provide an inside liner pocket.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

COAT CERTIFICATION LABEL ON SHELL

The coat certification label on the shell shall be integrally printed on FR Cotton Indura® and lockstitches to the shell along one side of the label at the back of coat.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

COLLAR

The collar shall be of layered construction, consisting of a layer of breathable moisture and pathogen barrier material and another layer of NFPA 1971-certified insulating

material (no foam – see section titled PRECLUSION OF PVC FOAM OR SIMILAR FOAM), sandwiched between two (2) layers of specified outer shell material and at least 3 inches (7.6 cm) high. The design shall incorporate in its patterning a natural contour that will allow proper fit and performance in the standing (upright) or stowed position.

There shall be no vertical or horizontal seams or stitching in the body of the collar, since this may weaken collar integrity. Left outside of collar shall have a sewn piece of 3-inch x 5-inch (7.6-cm x 12.7-cm) hook and loop fastener hook tape to ensure maximum adjustability when engaging chinstrap-to-collar closure. Each collar shall be graded to individual coat sizes.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

CHIN STRAP

The chin strap shall be of layered construction identical to that of the collar configuration described in the previous paragraphs. Chin straps shall be 8 inches (20.3 cm) long across the top corners, 11 inches (27.9 cm) long across the bottom corners, and 4 inches (10.2 cm) in vertical height, measured at the center. The leading underside edge of the chin strap shall have a 1.5-inch-wide (3.8 cm-wide) horizontal strip of hook and loop fastener pile to ensure closure and to ensure passage of the Whole Garment Liquid Penetration Test.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

HANG-UP LOOP

An 80-pound (36.3 kg) tear strength hang-up loop shall be provided at the interior collar seam. The loop shall be constructed of triple layers of the specified outer shell material, lock stitched to the coat. Webbing is not acceptable.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

SLEEVES

To prevent stovepiping, sleeves shall be individually graded by coat size and sleeve length. For maximum freedom, sleeve design shall feature extra full cut one-piece outer shell set-in sleeves with built-in bellows. To reduce the chances of possible top seam failure in that high thermal exposure area, the sleeve Major A seam shall follow the underside of the arm and shall not cross over the outside of the elbow joint. Sleeve seam and sleeve attachment to coat body in all layers shall be 100% double fold and double stitched for maximum strength (that is, Major A seam requirement, as previously defined in this specification).

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

INNER WRISTLET & WATERWELL

Every coat shall feature 4.5-inch (11.4-cm) long, double-layer 100% Nomex knit inner wristlets protected by a flame-resistant and moisture-resistant water well. The inner wristlet shall be sewn to the thermal liner sleeve end (not to the outer shell) and be of

hybrid styling with thumb loop for the wearers thumb to fit through. A specified moisture barrier water well with an elastic gather shall be sewn to the moisture barrier sleeve end with all seams sealed to allow maximum channeling of water away from inside the moisture barrier/ thermal liner sleeve end. This waterwell must pass the NFPA 1971 Whole Garment Liquid Penetration Test. The thermal liner/wristlet shall be bar tacked and seam sealed at the junction of the moisture barrier sleeve to waterwell seam to prevent liner pullout. This inner waterwell assembly shall be interface capable with the appropriate glove to provide wrist protection during the NFPA 1971 Whole Garment Liquid Penetration Test.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

EXTERNAL WRISTLET

Every coat shall feature a 2.5-inch (6.4 cm) long 100% Nomex knit outer wristlet, which shall be mounted to the end of each outer shell sleeve to prevent liquid and debris movement up the sleeve between the outer shell and the moisture barrier/ thermal liner assembly.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

FRONT CLOSURE PROTECTIVE OVERLAP

Two-inch-wide (5.1 cm-wide) panels of breathable moisture/ pathogen barrier and specified thermal liner materials shall be provided at coat front closure facings to preclude any type of break in the protective envelope. The entire circumference of a closed coat shall consist of specified shell, moisture barrier and thermal liner materials.

The inside trailing edge of each 2-inch-wide (5.1-cm-wide) inner panel shall have the breathable moisture/ pathogen material wrapped around the edge by 0.5 inch (1.3 cm) to create an anti-wick guard to prevent soak through during the required NFPA 1971 Whole Garment Liquid Penetration Test. An additional layer of 6-inch-wide (15.2-cm-wide) breathable moisture/ pathogen barrier material shall be sewn between the 2-inch-wide (5.1 cm-wide) panels and outer shell coat body for the entire length of coat front in a fashion to prevent liquid entry during the NFPA 1971 Whole Garment Liquid Penetration Test.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

COMPOSITE MATERIALS

Important Notice: ONLY the following acceptable combination of materials will be considered. Any substitution of materials shall be grounds for immediate disqualification of bid without further consideration.

OUTER SHELL

Blend: 70% PBI / DuPont Kevlar spun yarns; 30% 600 denier DuPont Kevlar Filament
Weight: 7.0 oz.(sq. yd.)
Weave: Comfort Twill with Filament Twill Technology

Color: Gold
Finish: Teflon F-PPE

THERMAL LINING

7.4 oz. Glide Ice 2-Layer; Glide Ice quilted to 2 layers of DuPont Nomex E89 spunlace – 2.3 oz./yd. sq. and 1.5 oz./yd. sq.

MOISTURE BARRIER

5.0 oz; Crosstech Bi-Component (PTFE) on a 3.2 oz. Nomex III A facecloth

Does Your Bid Comply With All Aspects Of This Section?

For Outer Shell:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
For Thermal Lining:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
For Moisture Barrier:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

COAT CUSTOM OPTIONS TO BE PROVIDED

Instructions in this custom options section that contradict earlier specifications or statements supersede those earlier specifications or statements as long as the required certifications are not compromised. Itemized pricing for each option listed below must be included.

- Inspection Port Liner
- Liner Detachable
- Liner Label Pocket
- Take Up Straps 2 Postman and/or elastic lower waist area of coat
- DRD in a New Coat
- STD-3 trim -Lime 2-Tone Scotchlite
- Individual 3" sewn letters, placed 2" below DRD strap, (ORION) lime Scotchlite. Centered on coat
- FF LAST NAME or 1st INITIAL + LAST NAME - Avg. 7 Letters - OK to use 2" Letters to Fit (Removable Name Plate on Bottom of Coat)
- 7 -3" sewn letters -lime Scotchlite
- Coat closure 2" Velcro/Zipper -Gemini Matrix black
- Split Velcro On Closure for Positive Closure RRS
- Black Knit Material on Chinstrap
- Comfort Chinstrap -Gemini Matrix Bronze
- Dead Air Panels - Coat
- Coat Cuffs -Arashield Black
- Shingle Cuffs -Sewn -Kevlar/Nomex OS Black
- Coat Pockets, ½ Height Bellows Kevlar/Nomex OS Gold - 9" x 9" x 1.5" Lined with Kevlar
- Mic Tab -Kevlar/Nomex OS Gold- left chest - 0.5" x 2.5" Place 3" Above Radio Pocket
- Radio Pocket, Cover notched both sides for radio antenna -Kevlar/Nomex OS Gold- left chest– Interior opening must be 8" x 3.5" x 2"

- SL-90 Flashlight Clip with Velcro strap -Kevlar/Nomex OS Gold- right chest
- Hanging Strap with D-ring- right chest
- Box 'X' Stitching
- Black Nomex- Long wristlets with thumb holes
- Intergraded thermal handwarmer fleece hand pockets on the exterior liner

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

PANTS

DESIGN CONCEPT (STYLING)

The pant shall be of a traditional waist-high-only design to facilitate full torso ventilation of front, rear and sides of trunk for maximum body cooling effect to help minimize firefighter heat stress. For this reason, other than waist-high pants shall not be considered acceptable or "equal," since additional trunk wrapping traps heat and moisture, increasing heat stress buildup while also creating mechanical resistance when covering the natural torso flexion point of the waist.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

PATTERNING CONCEPT

Garments shall feature a tailored four-piece outer shell with a two-piece moisture barrier and lining. A pant with a four-piece moisture barrier and thermal liner shall be provided, at no additional charge, when and if an individual's tailoring needs require it.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

PATTERNING REQUIREMENTS

To assure maximum freedom of movement and reduced kinetic resistance with minimum garment weight and bulk, the pants patterning shall:

- Incorporate hydraulic, swivel action leg-to-torso interfaces.
- Incorporate an oversized diamond-shaped crotch insert, graded according to size, for maximum action stride, optimum stepping reach and no "in-crotch" seaming.
- Meet individual tailoring needs, and offer superior functionality. Diamond shall extend from just above the left knee to just above the right knee, and be centered equally from front to rear. Width of diamond at top of crotch shall be approximately 4 inches (10.2 cm), graded to size.
- Ensure that pants rest in normal body line balance of 22 inches (55.9 cm) center distance at the cuff.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No _____

REINFORCED CUSHIONED KNEE

The cushioning for the Knee reinforcement if required, and the thermal pad sewn to the internal side of the thermal liner assembly, shall provide a minimum of 25 CCHR and be comprised of breathable, fiber-based materials. Covering on outer shell shall be black.

- Silizone padded knee 0.25" in thickness

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

SUSPENDER BUTTONS

Eight (8) heavy duty, Elastic End Straps and Button Snaps: Heavy duty, double layer 2-inch-wide black webbing. Each of the eight straps has two corrosion-resistant male and female button snaps rust-resistant suspender buttons shall be positioned around the inside of the waist. It is the preference of the Orion Township Fire Department to have an alternative attachment system for suspenders; the use of standard stud connections is not preferred.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

LINER ATTACHMENT

The moisture barrier and thermal liner assembly shall be attached to the outer shell at the cuff by means of two (2) Nomex® webbing snap assemblies per leg, and to the waistband, at the waist, with seven (7) evenly spaced glove snaps.

The liner system design shall not allow products of combustion or other contaminants to move into the liner interior between the moisture barrier and thermal liner. For instance, separately hemmed and bar tacked liner and moisture barrier with open edge designs would not be acceptable.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

PANT CERTIFICATION LABEL ON LINER

The pant certification label on the liner shall be integrally printed on FR Cotton Indura and lockstitches to the inner left hip area.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

PANT CERTIFICATION LABEL ON SHELL

The pant certification label on the shell shall be integrally printed on FR Cotton Indura and lockstitches at the top rear of the waist, at the inside.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

FLY FRONT

The outer shell fly shall be lock stitched to the left side of the front opening and shall be in proportion to waist size and crotch rise in both length and width. Fly inner lining shall extend at least 2 inches (5.1 cm) to the left of the outer shell fly attachment seam and

shall be constructed of certified breathable moisture barrier and thermal liner. The right front pant opening shall have an internal facing extending at least 2 inches (5.1 cm) to the right and constructed of specified fabric. In combination with the liner, the system shall offer 360-degree protection without gaps during movement of the outer shell moisture barrier and thermal liner. Closure shall be by means of a minimum 1.5-inch-wide (3.8-cm-wide) hook and loop fastener, and all construction techniques used shall provide liquid penetration protection under the NFPA 1971 Whole Garment Liquid Penetration Test. The fly shall be graded to the waist size of garments and crotch rise.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

ANGLED CUFF

The rear portion of each leg hem shall be notched in an area of approximately 8" wide by 1 1/2" high to help prevent the hem from catching on the heels of the firefighters boots or dragging on the ground. All three layers of the leg materials (outer shell, moisture barrier and thermal liner) must be angled so as to prevent the moisture barrier/thermal liner from being compromised due to exposure. Each hem will be reinforced with one layer of Black Arashield to reduce ripping of hem during use.

Does Your Bid Comply With All Aspects Of This Section? Yes ☒ No ☐

COMPOSITE MATERIALS

The specifier has determined the ONLY acceptable combination of materials. Any substitution of materials shall be grounds for immediate disqualification of bid without further consideration.

OUTER SHELL

Blend: 70% PBI / DuPont Kevlar spun yarns; 30% 600 denier DuPont Kevlar Filament
Weight: 7.0 oz.(sq. yd.)
Weave: Comfort Twill with Filament Twill Technology
Color: Gold/Tan/Brown
Hems/Cuffs: Black
Finish: Teflon F-PPE

THERMAL LINING

7.4 oz. Glide Ice 2-Layer; Glide Ice quilted to 2 layers of DuPont Nomex E89 spunlace – 2.3 oz./yd. sq. and 1.5 oz./yd. sq.

MOISTURE BARRIER

5.0 oz; Crosstech Bi-Component (PTFE) on a 3.2 oz. Nomex III A facecloth

Does Your Bid Comply With All Aspects Of This Section?

Outer Shell: Yes / No **Thermal Lining:** Yes / No **Moisture Barrier:** Yes / No

PANT CUSTOM OPTIONS TO BE PROVIDED

Instructions in this custom options section that contradict earlier specifications or statements supersede those earlier specifications or statements as long as the required certifications are not compromised. Itemized pricing for each option listed below must be included.

Additional Pant Custom Options

- Narrow 1.5" Velcro Fly
- Waist Closure- Full black belt with wide belt loops
- Liner Detachable
- 3" Cuff trim -Lime 2-Tone Scotchlite
- Angled Cuffs -Pants -Gemini Matrix -Black
- Elastic ankle Pant Cuffs -Arashield Black
- BiFlex Heat Channel Knees - Gemini Matrix -EWR Black
- Horizontal Strips in BiFlex knee to be Arashield Black
- Bellows Pockets Left and Right -Pants -Kevlar/Nomex OS Gold - 9" x 9" x 1.5"
- Lined with Kevlar
- Bellows Pocket Divider -Kevlar
- Built In Tool Pouch inside Right Bellows Pocket
- 2" Velcro closure on Bellows pockets
- Black quick adjust Suspenders (suspender adjustments to be metal/corrosive resistive material)
- Snap Style Suspender Attachment (suspender attachments inside waist)
- Belt Loops (minimum of 4) to Accommodate Class I Escape/ Ladder Belt
- Extra Silizone knee pad

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

BID PRICING AND DURATION

The bidder shall provide in writing the cost of each garment as specified in this document to be honored for a period of 12 months from the date of bid award. It is also requested of the bidder to provide pricing and honor this specification for a total of three (3) years with pricing adjustments allowed at the beginning of the second and third years of the contract as detailed in your submitted bid and the possibility to extend third year pricing for a fourth consecutive year. Pricing options shall also include availability of discounts related to bulk purchasing. A schedule of pricing discounts shall be included related to quantity of order. All pricing shall be listed on the provided Bid Form. No deviation from pricing will be allowed after submission of bid.

Does Your Bid Comply With All Aspects Of This Section? Yes ✓ No

BID FORM

The undersigned hereby declares that the instructions and specifications have been carefully examined and that **FIREFIGHTER PROTECTIVE CLOTHING** will be furnished for the prices set forth in this bid. It is understood and agreed that the instructions, specifications, compliance questions, answers, and additional responses are an integral part of the bid submission from the undersigned.

It is understood and agreed that all bids are F.O.B. DESTINATION, that all bid prices shall remain in effect for at least ninety (90) days from the date of the bid opening to allow for the award of the bid; and that if chosen the successful vendor, the prices bid will remain firm for the time period so indicated on this form, from the date of the award.

The undersigned bidder further agrees and understands that the OTFD is reserving the right to reject any and all bids and the right to waive irregularities in bidding if it determines such action to be in the best interest of the Township.

<u>Description</u>		<u>Description</u>	
<u>Quantity - Item</u>	<u>Unit Price</u>	<u>Quantity - Item</u>	<u>Unit Price</u>
01 to 10 Coats	\$ <u>1549.29</u>	01 to 10 Pants	\$ <u>1187.41</u>
11 to 21 Coats	\$ <u>" "</u>	11 to 21 Pants	\$ <u>" "</u>
22 to 32 Coats	\$ <u>" "</u>	22 to 32 Pants	\$ <u>" "</u>
33 to 43 Coats	\$ <u>" "</u>	33 to 43 Pants	\$ <u>" "</u>
44 to 54 Coats	\$ <u>" "</u>	44 to 54 Pants	\$ <u>" "</u>

Please list the % increase, if any, per year for the items listed above.

Second Year 49% OFF List %
Third Year 49% OFF List %
Fourth Year 49% OFF List %

COMPANY: Apello Fire Equipment

Delivery time after receipt of PO: 150 DAYS

Warranty: Attached

How did you receive notification of this bid? Bidnet

How did you obtain the bid specifications?

COMPANY Apollo Fire Equipment

ADDRESS 12584 LAKE SHORE DR

CITY/STATE/ZIP RomEO, MI 48065

REPRESENTATIVE/TITLE David Duddles - SALESMAN

TELEPHONE/FAX 800-626-7783 Fax 586-752-6907

PAYMENT TERMS 30 days from time of Delivery

E-MAIL ADDRESS dduddles@apollofire.com

SIGNATURE David Duddles Date 10-6-21

This form **must** be completed and returned with your bid

Serviceable Life Guidelines

Serviceable life is the period of time protective clothing and footwear, which has been properly cared for, can be expected to provide reasonable limited protection. The serviceable life of personal protective equipment is dependent upon the amount and severity of field use and exposure the equipment has experienced. Contributing factors include the durability of the material components selected, storage conditions and the frequency and extent of cleaning and maintenance. Failure to properly care for this equipment will lead to a shortening of the service life.

As all of the factors determining service life can vary from one user to another, it is difficult to provide definitive serviceable life schedules. However, the following may be used as general guidelines for average serviceable life based on experience, understanding that some gear may last longer and some not as long.

Structural Turnout Clothing

Outer Shells:	4-6 years
Thermal Liners:	4-6 years
Moisture Barriers:	2-4 years

Proximity Turnout Clothing

Outer Shells:	1-3 years
Thermal Liners:	4-6 years
Moisture Barriers:	2-4 years

EMS/Technical Rescue Clothing

Outer Shells:	4-6 years
Moisture Barriers:	2-4 years

Leather Footwear

2 – 3 years

Rev 2; 5/18 – Reprint 11/19

Limited Warranty for Globe Firefighter Suits

Globe warrants its firefighters' protective clothing to be free from defects in materials and workmanship from the date of sale for their serviceable life, which in no event shall be more than ten years, when properly used and cared for. Our obligation under this warranty shall be limited to the repair or replacement, without charge, of any product which is returned to Globe at buyer's expense and is determined by us to be defective in materials or workmanship, but is otherwise serviceable.

This warranty shall not be effective unless the products are used for the purpose for which they were designed and are used by trained personnel following proper fire fighting procedures and in accordance with the product's warning, use, inspection, maintenance, care, storage, and retirement instructions as communicated in writing by Globe, such as through labels and/or user guides. Failure to properly care for the garment will lead to a shortening of the serviceable life.

"Serviceable" refers to the general condition of the garment which can be expected to provide at least reasonable limited protection against the hazards from which the garment was designed to protect. "Serviceable life" is the period of time protective clothing, which has been properly cared for, can be expected to provide reasonable limited protection. "Defects in Materials" refers to weak areas or other flaws caused by irregularities in their manufacture. "Defects in Workmanship" refers to improperly manufactured seams, stitching, or other construction methods.

This warranty does not cover wear and tear nor damage from fire, heat, chemicals, misuse, accident or negligence.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The remedy of repair or replacement for breach of this warranty shall be the sole and exclusive remedy and Globe shall not under any circumstances be liable for special, economic, incidental or consequential damages, including but not limited to loss of anticipated profits.

Reprint 11/2019



Agenda Item Summary

To: Board of Trustees
From: Chris Barnett, Township Supervisor
Meeting Date: November 1, 2021
Memo Date: October 27, 2021
Subject: Tuition Reimbursement Request - Tandem Graves

☒ Consent ☐ Pending

REQUEST

Request from Tandem Graves, Accounting Controller, for reimbursement of ACC - 202 Managerial Accounting through Southern New Hampshire University. Course begins 10/25/2021 and concludes on 12/19/2021.

REASON

This course will aid in properly accounting for Township assets, liabilities and equity by means of reconciliation of departmental programs and telling the financial story through reporting and interpretation of reports.

PROCESS

Per the Tuition Reimbursement Policy, approved reimbursement will be processed after the employee completed twelve (12) months of continuous employment with Orion Township, following successful completion of coursework. Estimated reimbursement should take place on or after 12/19/2022 and will be budgeted for in the 2022 budget year.

RECOMMENDATION (MOTION)

Authorize Tandem Graves to take the Acc - 202 Managerial Accounting course and approve reimbursement in an amount not to exceed \$960.00, contingent upon all requirements as listed in the Tuition Reimbursement Policy.



Agenda Item Summary

To: Board of Trustees
From: Tammy Girling, Planning & Zoning Director
Meeting Date: November 1, 2021
Memo Date: October 25, 2021
Subject: PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance #78, Industrial Park (IP), Article 18, Section 18.01 - Land Uses

☐ Consent ☒ Pending

REQUEST

Board action on PC-2021-73

REASON

The Planning Commission, at their October 20, 2021 meeting, passed a motion to forward to the Board of Trustees, a recommendation to approve PC-2021-73, Text Amendment to Zoning Ordinance #78, Industrial Park (IP), Article 18, Section 18.01..

PROCESS

The Board of Trustees holds the first reading for PC-2021-73 on November 1, 2021 and directs the Clerk to advertise for the second reading and possible approval/adoption on December 6, 2021.

RECOMMENDATION (MOTION)

November 1, 2021

Move to declare that the Orion Township Board of Trustees held and approved the first reading on November 1, 2021, for PC-2021-73, Text Amendment to Zoning Ordinance #78, Article 18, Section 18.01, and to direct the Clerk to publish for the second reading and possible approval/adoption on December 6, 2021.

December 6, 2021

Move to declare that the second reading of PC-2021-73, Text Amendment to Zoning Ordinance #78, Article 18, Section 18.01, to have been held on December 6, 2021 and to approve/adopt.



Charter Township of Orion

Planning & Zoning Department

2525 Joslyn Rd., Lake Orion MI 48360

P: (248) 391-0304 ext. 5000; Fax (248) 391-1454

TO: Charter Township of Orion Board of Trustees
FROM: Tammy Girling, Planning & Zoning Director
DATE: October 27, 2021
RE: PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance #78,
Industrial Park (IP), Article 18, Section 18.01 – Land Uses

The proposed text amendment is to change the allowed uses in the Industrial Park District (IP) to allow retail as provided for in the Township's Licensed Marihuana Facilities Ordinance (Ordinance 154). The Planning Commission held a public hearing on 10/20/21 as well as deliberation at the same meeting. The following motion was passed by the Planning Commission:

Moved by Vice-Chairman Gross, seconded by Commissioner Gingell, that the Planning Commission **forwards a recommendation** to the Township Board to **approve and adopt** PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance No. 78, Industrial Park (IP), Article XVII as submitted: since this is consistent with Ordinance #154.

Roll call vote was as follows: Gross, yes; Urbanowski, yes; Brackon, yes; Gingell, yes; St. Henry; Walker, yes; Reynolds, yes. **Motion carried 7-0.**

Attached please find: The red-line proposed text, the Public Hearing Minutes and Regular Planning Commission minutes from 10/20/2021. Please do not hesitate to contact me with any questions at x 5000.

LAND USE	Zoning District	Footnotes
P = Permitted by Right S = Special Use S* = Special Use permitted within Lapeer Road Overlay District	IP	
Veterinary clinics and animal boarding	S*	D
Retail, Entertainment and Service		
<u>Entertainment, Amusement and Recreational Uses</u>		
Health clubs and exercise establishments	S	B
Private indoor recreation facilities (such as batting cages, dance studios, indoor soccer, ice rinks, archery)	S	B
<u>Automobile-Related Uses</u>		
Automotive retail and service facilities	S*	D
Automotive repair, paint and body shop, collision shop	S*	D
Equipment repair and sales	S*	D
<u>Eating and Drinking Establishments</u>		
Restaurants, including drive-through restaurants	S*	D
<u>General Retail</u>		
Building material sales	P	
Showrooms for kitchen, bath, household fixtures, household furniture or other retail activities associated with fabrication, assembly processing, or wholesaling.	S*	D
<u>General Service</u>		
Mini-storage and warehousing	S*	D
Hotels and motels	S*	D
Financial and insurance service (banks, credit unions, etc. with or without drive-through)	S*	D
Civic and Institutional		
Churches	S*	D
Other		
Planned Unit Development, subject to the standards and approval requirements of Section 30.03	P	
Outdoor storage as a principle use in accordance with Section 27.19	P/S	
Accessory Uses		
Outdoor storage as an accessory use, in accordance with Section 27.19.	P/S	
Accessory buildings and accessory uses customarily incidental to the permitted uses in this Section, in accordance with Section 27.02	P	C
Uses Not Permitted		
Facilities where activities of a retail nature, except for building material sales and parcel delivery services, and licensed marihuana facilities that include a retail component as authorized under Ordinance No. 154, are conducted.		
Stand-alone facilities for the sale and/or consumption of food or beverages either on or off-site (except as special land use within the Lapeer Overlay District)		

Section 18.02 – Footnotes to the Use Matrix *(added 07.16.18)*

- A. See Section 27.19
- B. Indoor recreation establishments are subject to a review of parking by the Planning Commission and subject to the submittal of parking studies based upon Institute of Transportation Engineers (ITE) standards, if required. The Planning Commission may allow a maximum building height of forty (40) feet, subject to the review of adjoining land use and a determination that additional building height for recreation uses will not adversely impact neighboring uses.

Chairman Reynolds asked the intent is not a berm or knee wall waiver in the design standards but rather to be provided? Vice-Chairman Gross replied to be provided.

Roll call vote was as follows: St. Henry, yes; Gingell, yes; Brackon, yes; Urbanowski, yes; Walker, yes; Gross, yes; Reynolds, yes. **Motion carried 7-0.**

Moved by Vice-Chairman Gross, seconded by Trustee Urbanowski, that the Planning Commission grant site plan approval for PC-2021-67, J.S. Brown Rd., LLC site plan, located at 851 & 861 Brown Rd., (parcels 09-33-351-020 & 09-33-351-021) for plans date stamped and received September 27, 2021. This approval is based on the following conditions: that the applicant complies with the OHM conditions on their letter of October 12, 2021, items 1 – 3.

Discussion on the motion:

Chairman Reynolds asked that the motion maker would clarify for the record that the additional spaces to the west as indicated on the civil plans are to be removed not banked.

Vice-Chairman Gross amended the motion, Trustee Urbanowski re-supported, that the said parking on the west side to the north would be considered as removed and not banked.

Roll call vote was as follows: Urbanowski, yes; Brackon, yes; St. Henry, yes; Gingell, yes; Walker, yes; Gross, yes; Reynolds, yes. **Motion carried 7-0.**

B. PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance #78, Industrial Park (IP), Article 18, Section 18.01 – Land Uses

Chairman Reynolds said that there was a general overview provided during the public hearing. Is there further discussion, questions, comments on the agenda item?

Moved by Vice-Chairman Gross, seconded by Commissioner Gingell, that the Planning Commission **forwards a recommendation** to the Township Board to **approve and adopt** PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance No. 78, Industrial Park (IP), Article XVII as submitted: since this is consistent with Ordinance #154.

Roll call vote was as follows: Gross, yes; Urbanowski, yes; Brackon, yes; Gingell, yes; St. Henry; Walker, yes; Reynolds, yes. **Motion carried 7-0.**

C. PC-2021-07, 5-Year Master Plan Update

Chairman Reynolds said that they had a Workshop earlier today talking about Future Land Uses and a variety of opportunities within the Township. He asked if Planner Arroyo had anything else he would like to add?

Planner Arroyo replied that they had a good discussion just keep those things in mind and he thought that they would continue that. They will have more material at the next study session in a month. He thought that they did a good job covering a lot of information and probably wouldn't be that great to continue in detail at this point in the evening.

Chairman Reynolds said they always encourage public input and obviously those are open meetings on their second meeting of every month to discuss the Master Plan update and keep that moving along for the Township. He added that one item that might be helpful is if they could circle back to some of that data with dwelling units/acre based on some of those types

CHARTER TOWNSHIP OF ORION PLANNING COMMISSION MINUTES
PC-2021-73
TOWNSHIP INITIATED TEXT AMENDMENT TO ZONING ORDINANCE #78 INDUSTRIAL PARK
(IP), ARTICLE 18, SECTION 18.01 – LAND USES
PUBLIC HEARING – WEDNESDAY, OCTOBER 20, 2021

The Charter Township of Orion Planning Commission held a Public Hearing on Wednesday, October 20, 2021, at 8:44 pm at the Orion Township Community Center, 1335 Joslyn Road, Lake Orion, MI 48360.

PLANNING COMMISSION MEMBERS PRESENT:

Don Walker, PC Rep to ZBA
Don Gross, Vice-Chairman
Joe St. Henry, Secretary
Jessica Gingell, Commissioner

Scott Reynolds, Chairman
Derek Brackon, Commissioner
Kim Urbanowski, BOT Rep to PC

PLANNING COMMISSION MEMBERS ABSENT:

None

CONSULTANTS PRESENT:

Rod Arroyo, (Township Planner) of Giffels Webster
Matt Wojciechowski, (Township Planner) of Giffels Webster
Mark Landis (Township Engineer) of OHM Advisors
Tammy Girling, Township Planning & Zoning Director

OTHERS PRESENT:

Sharon McQueen	Alicia Lawson	Jim Lepar
Matt Lawson	Gordon Cox	Susan Carpenter
Tracy Deuman	Ken Mihelich	Dale Carpenter
Kelley Mihelich	Lorita Woznick	Jeff Wright
Terry Clissold	Susan Johnston	Matt Rippin
Desirae Langlois	Melissa Slowik	Mary Ann Ryan
Richard Stein	Linda Stein	Wendy Ryan-Doreza
Kim Hunter	Lynn Kuczajda	Craig Junkin
Chris Krystek	Robert Glowonia	Anne Earle
Steve Eynon	Barbara VanRaaphorst	Michael Lo
Bev Rolfsen	Mary Mansfield	Dale Anderson
Robert Bambuel	William McNabb	Andrea Holt
Pam McNabb	John Slocombe	Linda Savard
Bill Schmitz	Jeff Klatt	Diane DoByckere
David Gammon	Amy Keyzer	Kellie McDonald
John Falvo	Sue Falvo	Mike Rizzola (sp?)
Marcie Ramsey	Bob Ramsey	

PC-2021-73, Township Initiated Text Amendment to Zoning Ordinance #78, Industrial Park (IP), Article 18, Section 18.01 – Land Uses.

Chairman Reynolds stated that this public hearing is for an initiated text amendment to amend their Industrial Park (IP) zoning ordinance for updated ordinance #154, that allows Provisioning Centers. The language under uses not permitted is essentially being corrected to include components that would be allowed and authorized under Ord. 154., which would be licensed marijuana facilities including retail components under that ordinance.


Chairman Reynolds said similar function to what they had previously that is their overview since it is a Township initiated text amendment, there is not a petitioner here tonight. He asked if there were any citizen comments or questions on the Township Initiated Text Amendment? There were not.

Chairman Reynolds said that they have not received any citizen's letters. He asked if there were any comments from the Planning Commissioners? There was not.

Chairman Reynolds closed the public hearing at 8:46 p.m.

Respectfully submitted,

Debra Walton
PC/ZBA Recording Secretary
Charter Township of Orion



Planning Commission Approval Date

OAKLAND COUNTY SHERIFF'S OFFICE



Orion Township Substation

Weekly "Calls for Service" Summary

Time period: 10-11-2021 to 10-17-2021

Calls for service: 368
Felony arrests: 2
Misdemeanor arrests: 5
Accidents: 16

21-212462 3:55PM 10/12/2021 Larceny from Vehicle - Report

Deputies received a walk-in complaint at the Orion Twp Substation for a Larceny report. A 16-year-old resident stated that he was notified by his brother that his wallet had been stolen from his vehicle on 10/6/2021. On 10/08/2021 the front office at the Lake Orion High School returned the victim's wallet to him. Per the victim the only thing that was missing out of his wallet was cash. Suspect unknown. All information was collected and turned over to detectives, investigation continues.

**21-213068 10:43AM 10/13/2021 Assist Fire Department Narcan (Naloxone)
Administered**

Deputies and the Orion Township Fire Department were dispatched to the 900 block of McClellan for an unconscious subject with agonal breathing.

Upon arrival the subject a 29-year-old resident of Orion Township was discovered not breathing with no pulse. Deputies performed life saving measures (CPR) until the subject regained a

pulse. Seconds later the subject lost a pulse again and Deputies suspected a possible overdose. Deputies administered one dose of Narcan (Naloxone) and the subject regained consciousness.

The Orion Township Fire Department transported the subject to McLaren Hospital for additional treatment.

21-213618 12:14AM 10/14/2021 CCW / Possession of an Unregistered Gun, DWLS 2nd / Arrest

Deputies were on patrol in the area of Lapeer and Brown Rd when they affected a traffic stop for a basic violation. The driver, a 29-year-old Detroit resident was not able to provide necessary paperwork to deputies. Deputies confirmed that the driver was suspended and had several outstanding warrants; the driver was placed under arrest for DWLS. A subsequent search of the vehicle was conducted, and a loaded unregistered handgun was located and confiscated. The driver was safely transported to Oakland County Jail without incident pending prosecutor's review.

UPDATE: The subject was arraigned on the charges of Carrying a Concealed Weapon in an Automobile (Felony), Driving While License Suspended 2nd Offense (Misdemeanor), and No Vehicle Insurance (Misdemeanor). She was given a personal bond on all charges and released from the Oakland County Jail.

21-214065 3:16PM 10/14/2021 Larceny of Property Report

Deputies were dispatched to the 500 block of Brown Rd for a larceny report. A 36-year-old Clarkston resident stated that an employee, a 31-year-old Lapeer resident had quit his job and contacted him to return multiple chainsaws. Both parties agreed to meet to collect the property. When the complainant arrived around 9:00AM he was unable to locate the chainsaws. All information was collected and turned over to detectives. Investigation continues.

21-214482 2:05 AM 10/15/2021 Domestic Assault Arrest

Deputies were dispatched to 2755 S. Lapeer Rd. (Red Roof Inn) for an assault and battery complaint. A 43-year-old employee reported that she was slapped in the face by a female guest. Responding deputies located and identified the female suspect in a parked vehicle. The suspect was identified as a 37-year-old Rochester Hills woman. An investigation revealed that the suspect was staying at the inn with her boyfriend. Deputies interviewed the boyfriend who reported she assaulted him several times and was "off her meds" so he locked her out. When staff refused to let the suspect into the room, she then attacked the staff. Deputies photographed the victim's injuries. Based on the physical evidence and witness statements the suspect was placed under arrest for domestic assault and safely lodged at the Oakland County Jail.

UPDATE: The subject was arraigned on the charge of Domestic Violence (Misdemeanor) and given a \$2500 C/S bond.

21-215091 9:58 PM 10/15/2021 Single Vehicle Crash/ OWI Arrest

Deputies were dispatched to the intersection of Giddings Road and Waldon Road for a vehicle that crashed into a pole. Deputies identified the driver as a 46-year-old Lake Orion woman. Deputies suspected the driver was intoxicated and during questioning she admitted that she was impaired. Subsequently the driver was unable to complete sobriety tests as instructed. The suspect submitted to a PBT, registering nearly three times over the legal limit. The driver was placed under arrest for OWI, and Deputies obtained a warrant for a blood draw. The driver was safely lodged at the Oakland County Jail pending blood analysis.

21-215715 8:15PM 10/16/2021 Operating Under the Influence -Arrest

Deputies received a BOL for a vehicle traveling southbound on Lapeer Rd near Waldon Rd which was swerving between lanes of traffic. Deputies observed the suspect vehicle and conducted a traffic stop. When Deputies contacted the driver, a 35-year-old female resident of Waterford, it was determined the driver was under the influence of alcohol. Deputies requested a PBT with a result registering nearly three times over the legal limit. The female was subsequently taken to a local hospital for a blood draw and then safely transported to the Oakland County Jail where she will be released in the morning. Criminal charges will be pending lab results.

Everyone with information or crime tips regarding these incidents are encouraged to contact the Orion Township Sheriff's Office Substation at 248 393-0090 for tips, or our Dispatch Center at 248 858-4911 for crimes in-progress. Tipsters can remain anonymous.

OAKLAND COUNTY SHERIFF'S OFFICE



Orion Township Substation

Weekly "Calls for Service" Summary

Time period: 10-18-2021 to 10-24-2021

Calls for service: 392
Felony arrests: 1
Misdemeanor arrests: 4
Accidents: 25

21-217492 6:42AM 10/19/2021 Domestic Assault

Deputies were dispatched to Canary Hill Drive for a report of a Domestic Assault. Deputies arrived and made the scene safe. The victim a 22-year-old resident, stated that her boyfriend a 21-year-old Pontiac resident started yelling at her because she returned home late. The victim stated that she went to her room and laid down. A short time later she heard a loud noise and woke up with her boyfriend standing next to her; he then punched her in the face. Deputies interviewed both parties and based upon the victim's statements and the physical evidence, the suspect was placed under arrest for domestic assault. The suspect was safely transported and lodged at the Oakland County Jail pending prosecutor review.

UPDATE: The Oakland County Prosecutor's Office authorized a complaint for Domestic Violence. The warrant was sworn to in front of Magistrate Holt from the 52 3rd D.C. The subject was arraigned and given a \$2,000.00 personal bond.

21-217731 12:49PM 10/19/2021 Retail Fraud - Report

Deputies responded to 3073 Brown Rd (Menards) for a retail fraud complaint. An employee stated that on 10/18/2021 a female subject entered the store and proceeded to the health and

beauty section. The suspect selected several items taking them out of the packages and concealing the items on her person; then proceeding towards the exit passing all points of purchase making no attempt to pay for the items. Suspect(s) unknown. All information has been gathered and turned over to detectives, investigation continues.

21-218184 **10/19/2021** **11:14PM** **Resisting and Obstructing a Police Officer**

A deputy initiated a traffic stop in the area of Brown Rd and Purks Rd for a moving violation. The deputy approached the driver's side of the vehicle and asked the driver for his Michigan Operator's License. The driver, while facetimeing a female subject, refused to produce his license and ignored the deputy's directives. The female in the facetime conversation advised the driver that he did not have to cooperate or comply with the police. Back-up units arrived on the scene. The driver continued to be uncooperative and was advised that he was under arrest. The driver refused to exit his vehicle and actively resisted arrest by pressing his feet down on the floorboards, pressing his body into the seat and pulling away from deputies. The driver was safely secured without further incident. The driver was then lodged at the Oakland County Jail with no incident pending the issuance of charges.

ADDITIONAL INFORMATION: During the driver's arrest, the female subject from the facetime conversation arrived on the scene in her vehicle. She parked beside the patrol cars and began to approach deputies with a cellular device in her hand. Deputies gave loud, clear verbal commands not to interfere. She was uncooperative, continued to advance on the deputies aggressively and refused their directives. The subject was advised that she was under arrest. She actively resisted deputies by pulling away from them. The driver was safely secured without further incident. The arrestee was lodged at the Oakland County Jail pending the issuance of charges.

ARRESTEE INFORMATION: 31-year-old male, resident of the City of Pontiac

ARRESTEE INFORMATION: 30-year-old female, resident of the City of Pontiac

UPDATE: This case was presented as an in-custody arrest warrant request to the Oakland County Prosecutor's Office authorized the charge of Resist and Obstruct a Police Officer on both subjects.

The Oakland County Prosecutor's Office authorized the charges:

Resist and Obstruct a Police Officer (2-year felony) and No Operator's License (90-day misdemeanor) on the male subject.

Disturbing the Peace (90-day misdemeanor) on the female subject.

The warrant was sworn to in front of Magistrate Soma from the 52 3rd D.C. The male was arraigned and given a \$5000 Personal Bond. The female was arraigned and given a \$500 Personal Bond.

21-220579 **6:35 PM** **10/22/2021** **Retail Fraud 2nd**

Deputies were dispatched to ACE Hardware (3015 S Baldwin Rd) for a Retail Fraud where a female fled the store with \$211.98 worth of merchandise. When Deputies arrived, they searched the area for the suspect with negative results. The store manager stated the female entered the store, selected two items off the shelf and immediately walked out of the store. The suspect possibly fled the area in a gold Chevrolet Trailblazer. The investigation is ongoing.

21-220784 **11:21 PM** **10/22/2021** **Operating Under the Influence**

Deputies were dispatched to Canterbury Village (2369 Joslyn Ct) for a couple having a verbal argument. Upon arrival, deputies ascertained that the couple was under the influence of alcohol, which both parties admitted to drinking at the venue. The Deputies advised the couple they were to leave their vehicle in the lot and get a ride home. Deputies later observed the couple leave the parking lot in their vehicle. Deputies conducted a traffic stop where they administered field sobriety tests. The operator of the vehicle failed the tests and was given a PBT which yielded a result of .175. The driver, a 40-year-old male from Warren, was placed under arrest and taken to a local hospital for a blood draw. The driver was later safely taken to the Oakland County Jail and released in the morning. This case is pending lab results.

21-220817 **12:10 AM** **10/23/2021** **Operating Under the Influence**

Deputies were doing routine patrol near Canterbury Village (2369 Joslyn Ct) where they observed a pickup truck drive from the parking lot, through the grass, then onto Joslyn Road. Deputies conducted a traffic stop and during their interactions believed the operator of the vehicle to be under the influence. Deputies administered field sobriety tests to which the operator of the vehicle failed and was attempted to be given a PBT but was refused. The driver, a 43-year-old female from Wixom, was placed under arrest and taken to a local hospital for a blood draw. The subject was later safely taken to the Oakland County Jail and released in the morning. This case is pending lab results.

21-221025 9:44 AM 10/23/2021 Accidental Discharge of Firearm

Deputies were dispatched to the 4000 block of Bandury Road for a 57-year-old male who accidentally shot himself while clearing his 9mm handgun. The male sustained a non-life-threatening bullet wound to his left palm. There were no signs of foul play. Deputies located the spent bullet, and the male was transported to a local hospital for treatment.


Everyone with information or crime tips regarding these incidents are encouraged to contact the Orion Township Sheriff's Office Substation at 248 393-0090 for tips, or our Dispatch Center at 248 858-4911 for crimes in-progress. Tipsters can remain anonymous.



**Orion Township Fire Department
Interoffice Memorandum**

Date: October 27, 2021

To: Orion Township Board of Trustees

From: 
John Pender
Assistant Fire Chief

Subject: Fire Department Call Volume/Significant Incidents

**Orion Township Call Volume
October 13, 2021-October 27, 2021**

Medical Calls- 83	Mutual Aid's-
Non- Medical Calls- 50	Received- 0
Total Call Volume- 133	Given- 2
Year to Date- 2838	
Transports (pre-ALS)- 299	
Transports YTD- (ALS)- 783	
Transport Cost Recovery YTD- \$334,246.07	

Fire Department Significant Incidents

- Car fire in parking lot of Home Depot
- Reported structure fire- Found to be an electrical fire in the home furnace.
- Reported structure fire- Found to be a fire in the home's clothes dryer. Fire was extinguished by first arriving crew. Dryer was removed from the home and house was ventilated.
- Assisted Independence on a residential structure fire- Orion FD was called for a Tanker assist to Independence for a house on fire. Crew responded in the Tanker along with the shift Captain. Orion crew assisted with extinguishment and overhaul. No injuries reported.



Report Item Summary

To: Board of Trustees
From: Penny Shults, Township Clerk
Meeting Date: November 1, 2021
Memo Date: October 26, 2021
Subject: CN in Your Community 2021 Report

REQUEST

In the report you will find information describing the ongoing investments in the diversity, strength and safety of communities all along the 19,500-mile tri-coastal network. It describes the various national, regional and local initiatives and partnerships, and contains practical information on how they can collaborate with you and live up to the commitment of being a good neighbor to the communities along the network. The report booklet is located in the Clerk's office.

RECOMMENDATION (MOTION)

Board Action would be to receive and file the CN in your community 2021 report, as presented.



Corporate Services

Sean Finn
Executive Vice-President
Corporate Services
and Chief Legal Officer

601 Pennsylvania Ave., NW
North Building, Suite 500
Washington, DC 20004
United States
T 202-347-7196
F 202-347-8237

September 24, 2021

Ms. Penny Shults
Clerk
Orion Township
2525 Joslyn Road
Orion charter Township, Michigan 48360

Dear Ms. Shults:

I hope this letter finds you and your family safe and healthy.

I am pleased to enclose a copy of the CN in Your Community 2021 report. This annual report is one of the most important publications issued by CN and is sent to our stakeholders, community leaders and elected officials across North America.

In this report you will find information describing our ongoing investments in the diversity, strength and safety of communities all along our 19,500-mile tri-coastal network. It describes our various national, regional and local initiatives and partnerships, and contains practical information on how we can collaborate with you and live up to our commitment of being a good neighbour to the communities along our network.

This year's theme — Thankful to be your neighbour — is a tribute to how CN and the communities across our network are essential to each other, especially as we have faced the challenges of the last year and a half together. Thank you for the trust you have placed in us as a true partner of your community.

Ms. Penny Shults
September 24, 2021
Page 2

Should you have any questions or concerns, please do not hesitate to contact me or the CN Public Affairs manager for your region. Our contact information appears on page 9 of the report.

We look forward to collaborating and building stronger communities with you throughout the year.

Sincerely,

A handwritten signature in blue ink that reads "Sean Finn". The signature is written in a cursive, flowing style.

Sean Finn

Encl.

CN in Your Community 2021: Thankful To Be Your Neighbour



Charter Township of Orion

2525 Joslyn Rd., Lake Orion MI 48360
www.oriontownship.org

Phone: (248) 391-0304

Report Item Summary

To: Board of Trustees
From: Chris Barnett, Township Supervisor
Meeting Date: November 1, 2021
Memo Date: October 28, 2021
Subject: Municipal Complex, October 2021 Executive Report

REQUEST

Please find attached the October 2021 Municipal Complex Executive Report prepared by Cunningham-Limp.

RECOMMENDATION (MOTION)

Receive and file the October 2021 Municipal Complex Executive Report.



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SOUTH PERSPECTIVE

Orion Township Municipal Complex

EXECUTIVE REPORT #15

October 2021



PREPARED BY

Cunningham-Limp
BUILDING BETTER COMMUNITIES

Table of Contents.

- About Cunningham-Limp
- Executive Summary
- Design Summary
- Inspection Summary
- Construction Highlights
- Budget Report
- Schedule
- Site Photographs
- Overall Site Plan
- Safety Cross
- Project Directory

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At Cunningham-Limp, our mission is to make
a positive impact on people, communities,
and companies.

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Project Mission

MISSION

To replace a functionally obsolete facility with failing infrastructure and occupancy constraints, with a community focused Municipal Complex and Future Park that will serve generations of residents in Orion Township.

Executive Summary.

ORION TOWNSHIP MUNICIPAL COMPLEX SUMMARY

The interior of the Sheriff's Station is complete, except for a few more recently added items. The final coat of paint is going on and the furniture / IT team is wrapping up a few things.

Inside Township Hall, the final framing details in the board room are being installed with drywall next. The fixed seating is scheduled to be installed in mid-November and complete by Thanksgiving. The department areas are almost complete. The team is currently installing decorative lighting, applying finish coats of paint, and installing the interior glass. The flooring has started with the polished, sealed concrete, and millwork will be next to install.

On the exterior, the team made the decision to engage another concrete subcontractor to help with the remaining site concrete. Due to the weather, the original concrete subcontractor was struggling to mobilize. This strategic move has helped us complete the exterior concrete, now the landscape is in process, with the asphalt paving contractor getting ready to complete the rest of the paving.

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Design Summary.

ORION TOWNSHIP MUNICIPAL COMPLEX SUMMARY

The design is complete and permitted for construction. The Municipal property sits on 77 acres, with the project utilizing 14 acres. Excess land, consisting of natural woodland areas and wetland areas, will be preserved as designed.

The Township Hall will be 43,637 square feet. The structure is a single-story building, with a full walkout basement.

The Sheriff's Substation will be 8,820 square feet and will sit adjacent to Township Hall.

Inspection Summary.

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ORION TOWNSHIP MUNICIPAL COMPLEX SUMMARY

- The Township regularly performs inspections ongoing throughout the process.
- Independent testing agency is performing all required special inspections and materials testing.

CONSTRUCTION ISSUES

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- The team is working through the following coordination items:
 - Additional Low voltage / data cabling / security coordination.
 - October of 2021 has also exceeded the average rain fall for this area by several days. Including a State of Emergency for Orion Township.
 - Material delays and manpower issues.
 - Current Issues is the metal roof material delay.
 - Material is onsite; however, manpower is still an issue. CL has supplemented the roofing contractor with additional manpower. CL's replacement subcontractor is schedule to step in early November to complete the project.
 - Concrete was supplemented for both site concrete and exterior sign bases.

Construction Highlights.

ORION TOWNSHIP MUNICIPAL COMPLEX SUMMARY

- The Sheriff Station is being final cleaned inside, and the landscaping around this building is near complete.
- The metal roofing is onsite and approximately half installed. This has been a critical item that has been delayed due to supply chain issues and continues to have manpower issues.
- Township Hall is enclosed, and near weather tight.
- The interior partitions for the Township Hall areas have been painted in the department areas, and are ready for ceiling pads, final coat of paint, flooring and millwork.
- The board room framing is complete, and the final pieces of drywall are being installed.
 - The fixed seating is schedule for mid November to be installed.
- Final finishes have begun being installed.

Budget.

ORION TOWNSHIP MUNICIPAL COMPLEX APPROVED CONTRACT

Approved Construction Contract:

- Original Contract Value: \$16,854,000
- 2 Change(s) Orders to Date: \$0
- Current Contract Value: \$16,854,000
- % completed to date 93%

Contingency Status:

- Original Contingency Value: \$500,000
- Current Contingency Value: \$207,081

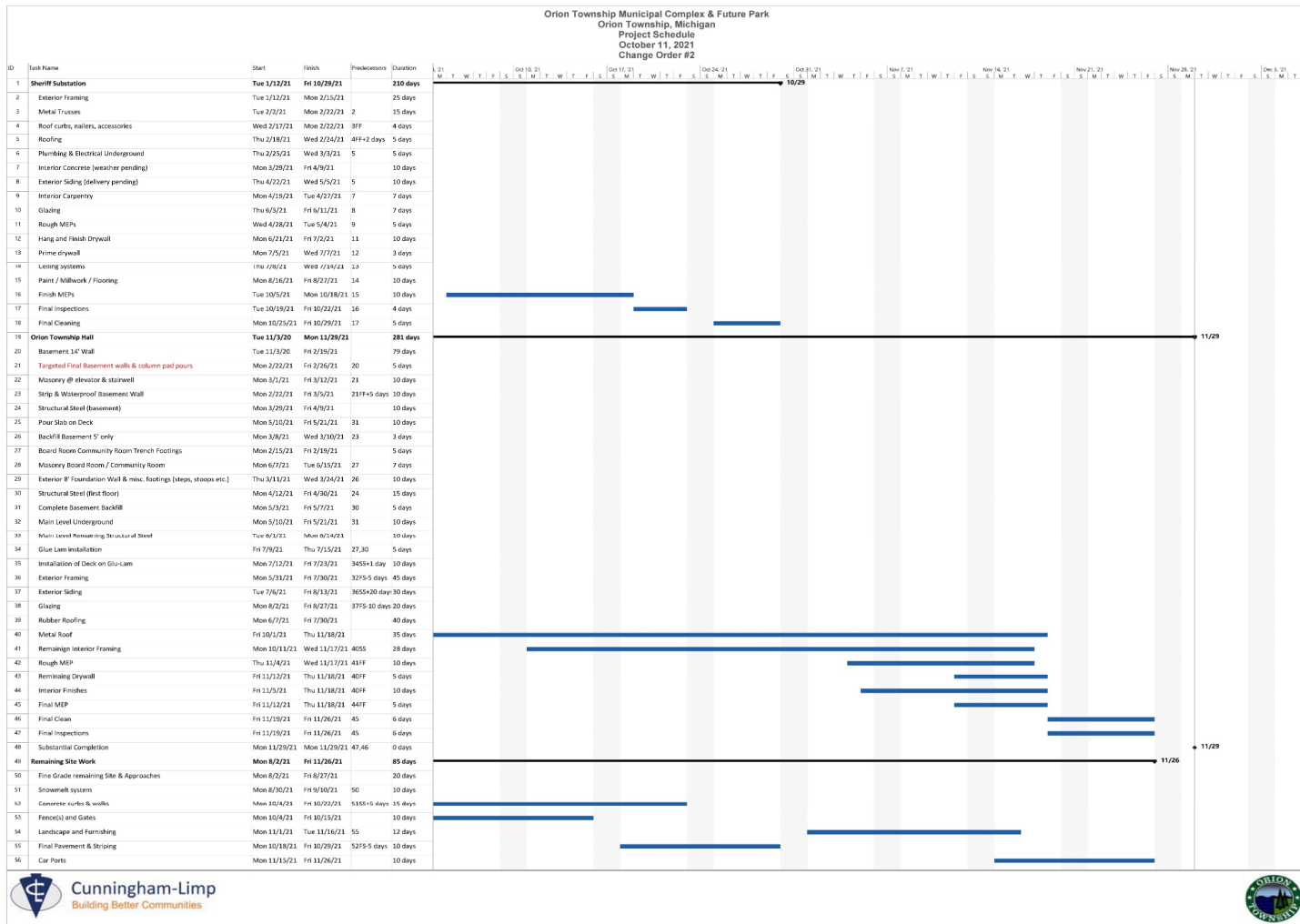
Schedule.

SCHEDULE ISSUES

- An above-average rainfall for October, along with the torrential rainfall causing a State of Emergency in Orion Township have been proven to be difficult, however work continues to push forward.
- Supply chain issues have been a unique reality this year. The team has worked together to substitute equal materials to maintain the current schedule on more than one occasion.
 - One specific challenge that the project has struggled with is the procurement of the metal roofing. This didn't arrive on site until October due to several reasons (raw material, backlog, etc.,) manpower continues to be an issue.
 - With the metal roof delay, the team is working through a completion schedule.
- Currently, the project team, including Orion Township, has agreed that due to the additional scope items and above-average rainfall, that the project schedule will be extended to the end of November 2021.

Project Schedule

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Aerial Photographs.

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October 13, 2021



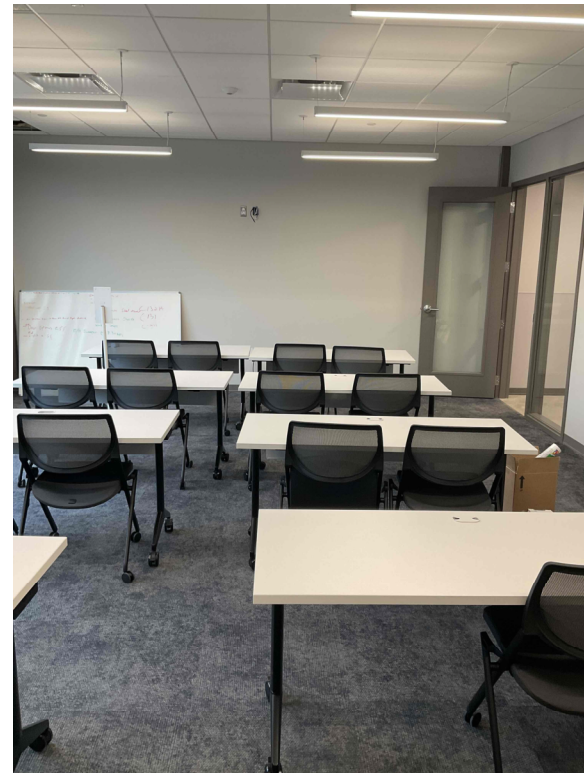
October 13, 2021

Site Photographs.

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Sherriff Station



Sherriff Station

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Site Photographs.

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Sherriff Station



Sherriff Station

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Site Photographs.

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Township Hall

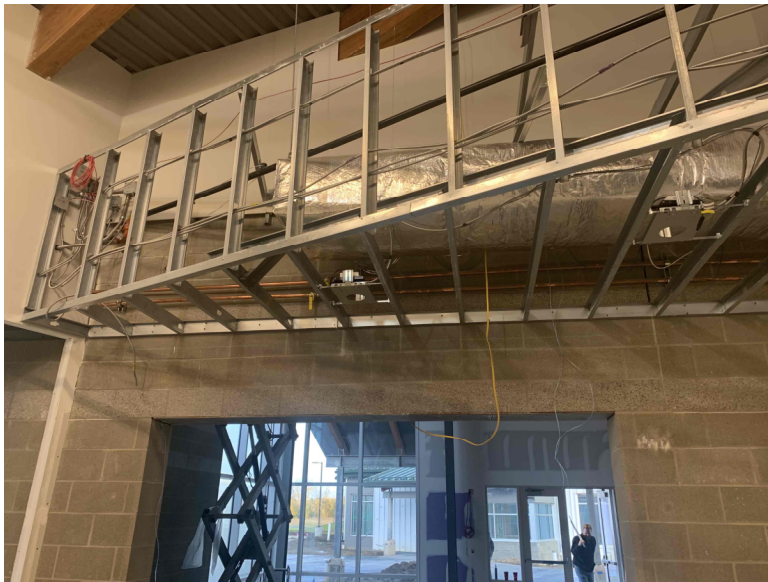


Township Hall

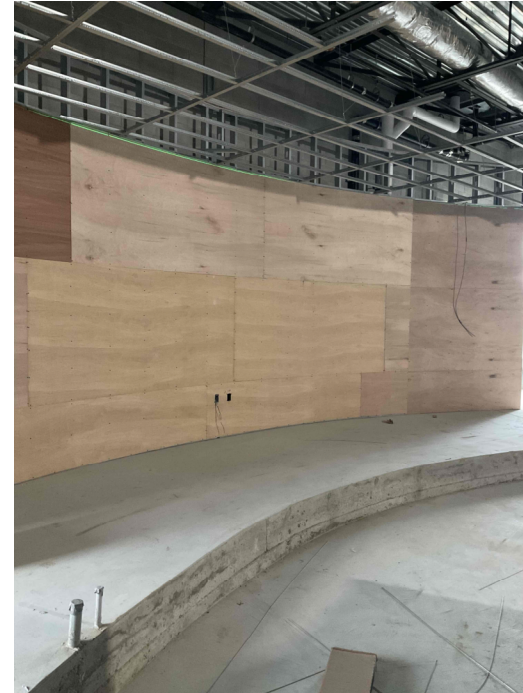
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Site Photographs.

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Township Hall



Township Hall

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Site Photographs.

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Township Hall

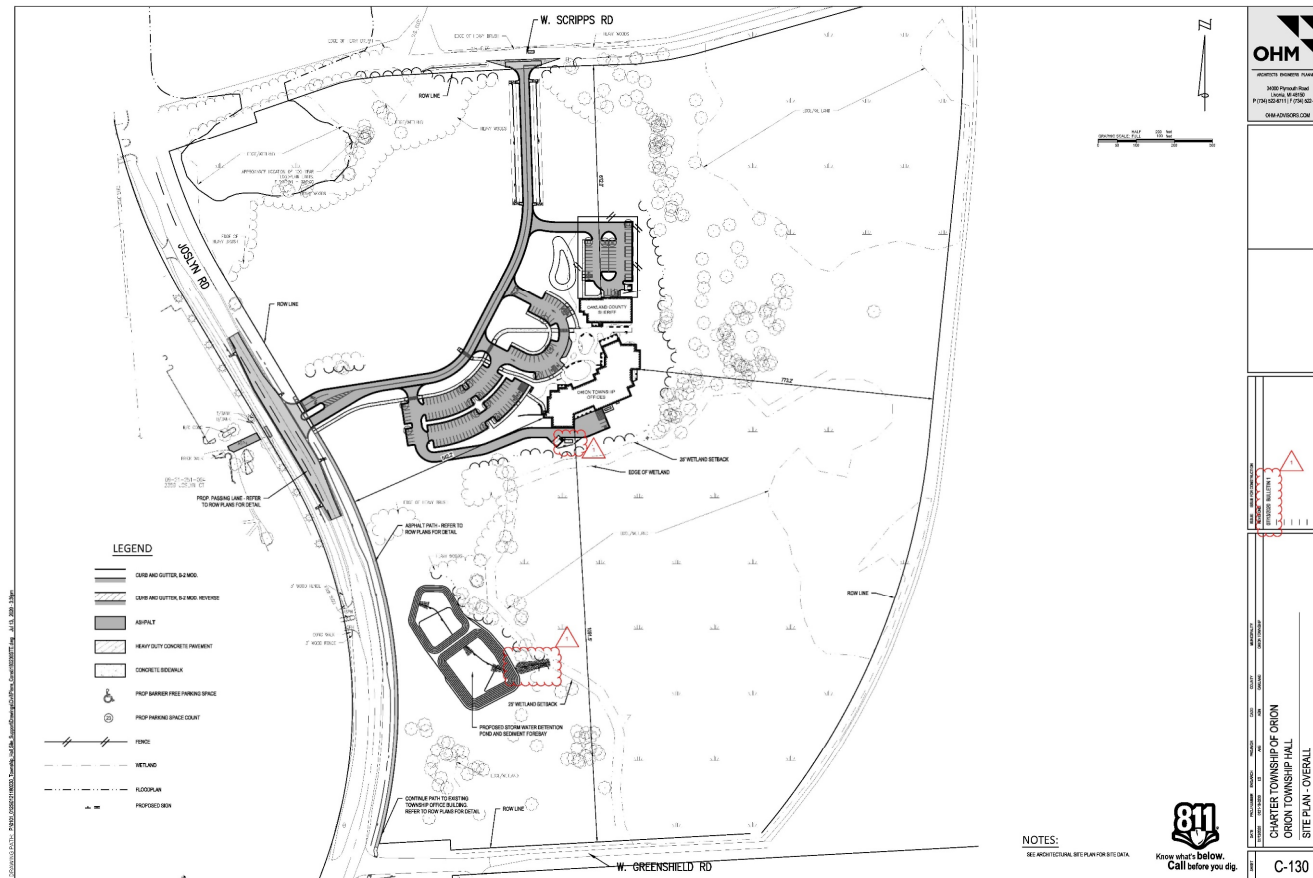


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Township Hall

Site Plan.

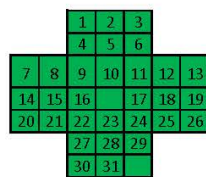
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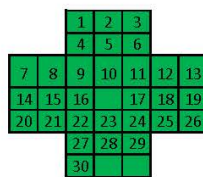
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Safety Cross.

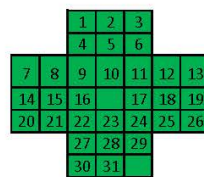
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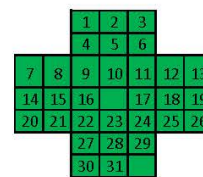
August-2021



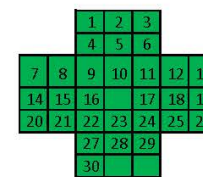
September-2021



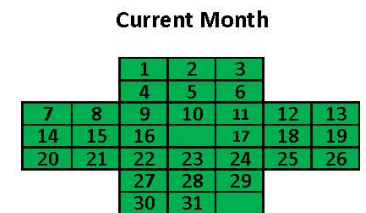
October-2021



August-2020

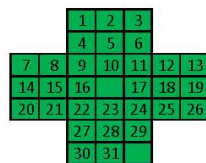


September-2020

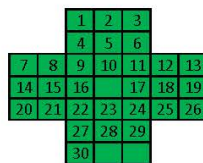


October-2021

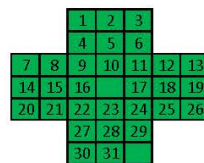
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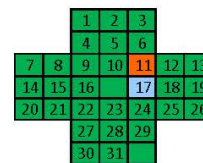
October-2020



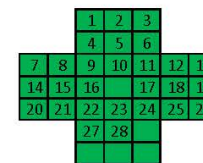
November-2020



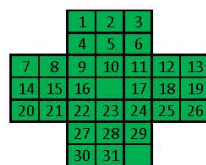
December-2020



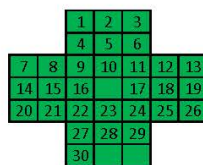
January-2021



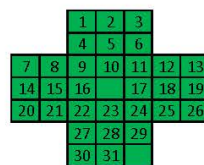
February-2021



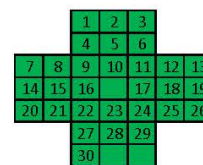
March-2021



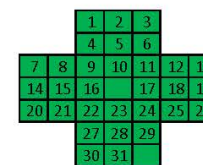
April-2021







May-2021



June-2021



July-2021

-  = Day without incident
-  = Day with light injury
-  = Day with incapacity injury
-  = Day with incident no injury

PROJECT DIRECTORY.

Cunningham-Limp Directory

COMPANY	NAME	TITLE	ADDRESS	MOBILE	OFFICE	EMAIL
Cunningham-Limp	Sam Ashley	Vice President	28970 Cabot Drive Suit 100 Novi MI	NA	248-489-2300	sashley@clc.build
Cunningham-Limp	Jacob Gardner	Project Manager	28970 Cabot Drive Suit 100 Novi MI	734-395-0639	248-893-2308	jgardner@clc.build
Cunningham-Limp	Josh Muxlow	Superintendent	28970 Cabot Drive Suit 100 Novi MI	248-763-1643	NA	jmuxlow@clc.build
Cunningham-Limp	Natalie Lawrence	Project Coordinator	28970 Cabot Drive Suit 100 Novi MI	NA	248-488-7752	nlawrence@clc.build
Cunningham-Limp	Matt Sportel	Director of Construction	28970 Cabot Drive Suit 100 Novi MI	NA	248-893-2313	msportel@clc.build

PROJECT DIRECTORY.

Orion Township Directory

COMPANY	NAME	TITLE	ADDRESS	OFFICE	EMAIL
Orion Township	Chris Barnett	Township Supervisor	2525 Joslyn Road, Lake Orion, MI 48360	248-391-0304 EXT 1001	cbarnett@oriontownship.org
Orion Township	Jeff Stout	Director of Public Services	2525 Joslyn Road, Lake Orion, MI 48360	248-391-6842	jstout@oriontownship.org
Auger Klein Aller Architects Inc.	Scott Reynolds AIA	Project Architect / AKA Associate	303 E. Third Street Ste 100 Rochester MI 48307	248-814-9160	s.reynolds@aka-architects.net
OHM Advisors	James Stevens	Principal	34000 Plymouth Rd Livonia, MI 48150	248-751-3100	James.stevens@ohm-advisors.com

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CONTACT US.



EMAIL ADDRESS

CONTACT@clc.build



PHONE NUMBER

248.489.2300



MAILING ADDRESS

Headquarters

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Novi, Michigan 48377

Northern Michigan

818 Red Drive | Suite 30
Traverse City, Michigan 49684