

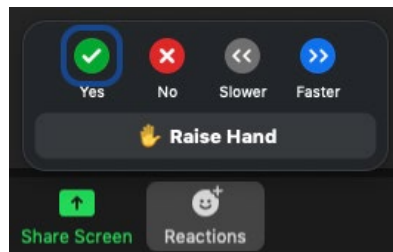
Hybrid Meeting Instructions for the Economic Development Authority Board

The public can view all Union Township meetings live by clicking on our [YouTube Channel](#). For those who would like to participate, you can do so via Zoom.

[Click here](#) to participate in the Zoom Meeting via computer or smart phone. (Meeting ID Enter “849 6026 5496” Password enter “980373”). Access to the electronic meeting will open at 4:20 p.m. and meeting will begin at 4:30 p.m.

Telephone conference call, dial (312-626-6799). Enter “849 6026 5496” and the “#” sign at the “Meeting ID” prompt, and then enter “980373” at the “Password” prompt. Lastly, re-enter the “#” sign again at the “Participant ID” prompt to join the meeting.

- All public comments will be taken at the Public Comment section of the agenda.
- Computer/tablet/smartphone audience: To indicate you wish to make a public comment, please use the “Reactions” icon. **Next, click on the “Raise Hand” icon** near the bottom right corner of the screen.



- **To raise your hand for telephone dial-in participants, press *9.** You will be called on by the last three digits of your phone number for comments, at which time you will be unmuted by the meeting moderator.
- Please state your name and address for the minutes and keep public comments concise.

You will be called upon once all in-person comments have been made, at which time you will be unmuted by the meeting moderator.

Persons with disabilities needing assistance should call the Township office at (989) 772-4600. Persons requiring speech or hearing assistance can contact the Township through the Michigan Relay Center at 711. A minimum of one (1) business day of advance notice will be necessary for accommodation.



**Economic Development Authority Board (EDA)
Regular Meeting – Union Township Hall
Tuesday, September 17, 2024, at 4:30 p.m.**

AGENDA

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. APPROVAL OF AGENDA
5. APPROVAL OF MINUTES
 - August 20, 2024, Regular Meeting
 - August 20, 2024, Informational Meeting
6. PUBLIC COMMENT
7. REPORTS
 - A. Accounts payable Approval – August
East DDA District #248 – Check Register
West DDA District #250 – Check Register
 - B. August Financial Reports: Income / Expense Statement; Balance Sheet
East DDA District #248
West DDA District #250
 - C. Board Member Matrix
8. NEW BUSINESS
 - A. Irrigation Report Review – Geoff Graber, Graber & Associates, LLC
 - B. RFBA – Participation agreement with Board of Trustees for watermain extension project along Pickard / Summerton Rd to provide water service and fire flow to the area that is within the East DDA District.
 - C. RFBA - Approval of Budget Amendment #1 for the East and West DDA
9. PENDING BUSINESS
10. DIRECTOR COMMENTS
11. ADJOURNMENT
 - Next regularly scheduled meeting Tuesday, October 15, 2024, at 4:30pm

**Charter Township of Union
Economic Development Authority Board (EDA)
Regular Board Meeting
Tuesday, August 20, 2024**

MINUTES

A regular meeting of the Charter Township of Union Economic Development Authority Board was held on August 20, 2024, at the Union Township Hall 2010 S. Lincoln Rd, Mt. Pleasant, MI 48858.

Meeting called to order at 4:35 p.m.

ROLL CALL

Present: Figg, Zalud, Kequom, Mielke, Coyne, Sweet, Chowdhary (5:06pm)

Excused: Barz, Bacon

Absent:

Others Present: Rodney Nanney – Community & Economic Development Director, Sherrie Teall – Finance Director, Amy Peak – Building Services Clerk

APPROVAL OF AGENDA

MOTION by **Mielke** SUPPORTED by **Sweet** to APPROVE the agenda as presented. **MOTION CARRIED 6-0.**

APPROVAL OF MINUTES

MOTION by **Figg** SUPPORTED by **Coyne** to APPROVE minutes from July 16, 2024, regular meeting as presented. **MOTION CARRIED 6-0.**

MOTION by **Zalud** SUPPORTED by **Figg** to APPROVE minutes from July 23, 2024, informational meeting as presented. **MOTION CARRIED 6-0.**

PRESENTATIONS - None

PUBLIC COMMENT - None

ACCOUNTS PAYABLE/ FINANCIAL STATEMENTS

Finance Director, Sherrie Teall reviewed the accounts payable for the East DDA 7/17/24 – 8/20/24.

MOTION by **Zalud** SUPPORTED by **Mielke** to APPROVE the East DDA payables as presented \$11,042.73. **MOTION CARRIED 6-0.**

Finance Director, Sherrie Teall reviewed the accounts payable for the West DDA 6/19/24 – 7/16/24.

MOTION by **Zalud** SUPPORTED by **Coyne** to APPROVE the West DDA payables as presented \$100.00. **MOTION CARRIED 6-0.**

Financial reports were RECEIVED AND FILED by Chair Kequom.

NEW BUSINESS

- A. Community and Economic Development Director, Rodney Nanney previewed coming attractions for FY2025 project priorities. Discussion held.

BOARD COMMENTS

- Zalud commented he would like to look at finishing Lincoln Rd and with the Boards approval he offered his expertise to sit in on pre-design concept planning with the Township and the Road Commission.
- Sweet commented he appreciates Mr. Zaluds willingness to offer his expertise with planning with the completion of Lincoln Rd and the Lincoln/M-20 intersection and hopes he will get the opportunity to help the project along.
- Kequom stated he'd like to have the Lincoln Rd completion project included on an upcoming agenda to keep it going.

DIRECTOR COMMENTS

- M-20 road paving project is moving forward and is planned to be completed in October. Planning to put back our elements.
- The FY2025 proposed budget should be coming in front of the Board at the October meeting.

Meeting adjourned at 5:19pm.

APPROVED BY

Thomas Kequom, EDA Board Chair

(Recorded by Amy Peak)

**Charter Township of Union
Economic Development Authority Board (EDA)
Special Informational Meeting
Tuesday, August 20, 2024**

MINUTES

A special informational meeting of the Charter Township of Union Economic Development Authority Board was held on August 20, 2024, at the Union Township Hall 2010 S. Lincoln Rd, Mt. Pleasant, MI 48858.

Meeting called to order at 4:31 p.m.

ROLL CALL

Present: Figg, Zalud (4:33pm), Kequom, Mielke, Coyne, Sweet,

Excused: Barz, Bacon

Absent: Chowdhary

Others Present: Rodney Nanney – Community & Economic Development Director, Sherrie Teall – Finance Director, Amy Peak – Building Services Clerk

APPROVAL OF AGENDA

MOTION by Coyne SUPPORTED by Sweet to APPROVE the agenda as presented. MOTION CARRIED 5-0.

NEW BUSINESS

A. 2023 Annual Report

Rodney Nanney, Community and Economic Development Director presented the 2023 Annual Report and noted that the annual report is available on the Township's website.

B. 2024-2025 Project Priorities

Rodney Nanney, Community and Economic Development Director noted the project priorities are listed in the implementation strategies for each DDA district, which are posted on the Township's website.

PUBLIC COMMENT - None

Meeting adjourned at 4:43pm

APPROVED BY

Thomas Keqom, EDA Board Chair

(Recorded by Amy Peak)

| Check Date | Bank | Check | Vendor | Vendor Name | Description | Amount |
|------------------------|------|---------|--------|-------------------------------|--|------------------|
| Bank 248 EDDA CHECKING | | | | | | |
| 08/29/2024 | 248 | 119 (E) | 00146 | CONSUMERS ENERGY | 1940 S ISABELLA RD | 48.10 |
| | | | | | 2027 FLORENCE ST | 39.27 |
| | | | | | 4923 E PICKARD | 43.90 |
| | | | | | 4675 E PICKARD ST | 38.03 |
| | | | | | 4592 E PICKARD ST STE B | 29.26 |
| | | | | | 4592 E PICKARD ST STE A | 40.04 |
| | | | | | 5771 S PICKARD RD STE B | 29.61 |
| | | | | | 5771 E PICKARD RD STE A | 73.97 |
| | | | | | 5770 E PICKARD ST STE B | 29.61 |
| | | | | | 5770 E PICKARD ST STE A | 65.34 |
| | | | | | 5325 E PICKARD ST | 78.78 |
| | | | | | 2029 2ND ST | 43.43 |
| | | | | | 5157 E PICKARD ST STE B | 29.44 |
| | | | | | 5157 E PICKARD ST STE A | 54.54 |
| | | | | | 4900 E PICKARD | 44.18 |
| | | | | | | <u>687.50</u> |
| 09/17/2024 | 248 | 4422 | 00072 | BLOCK ELECTRIC | REPLACE WIRES HIT AT PICKARD OVERPASS | 1,485.99 |
| 09/17/2024 | 248 | 4423 | 01741 | GOENNER LAWCARE LLC | MOWING ON PICKARD & EMPTY LOTS | 2,775.00 |
| 09/17/2024 | 248 | 4424 | 00450 | M M I | PARK BENCH/GROUND MAINT-AUG | 572.00 |
| 09/17/2024 | 248 | 4425 | 01698 | MICHIGAN DOWNTOWN ASSOCIATION | MEMBERSHIP DUES 10/01/24-10/01/25 | 75.00 |
| 09/17/2024 | 248 | 4426 | 00907 | MID MICHIGAN CABLE CONSORTIUM | 2024 VIDEO RECORDING CONTRACT-EDA MEETIN | 367.50 |
| 09/17/2024 | 248 | 4427 | 00649 | THIELEN TURF IRRIGATION, INC. | BATTERY OPERATED TIMERS-IRRIG @OVERPASS | 2,070.00 |
| 09/17/2024 | 248 | 4428 | 00672 | UNION TOWNSHIP FIRE FUND | PUBLIC SAFETY-FIRE PROTECTION FOR EDDA | <u>85,760.78</u> |

248 TOTALS:

Total of 8 Disbursements:

93,793.77

| Check Date | Bank | Check | Vendor | Vendor Name | Description | Amount |
|---------------------------|------|-------|--------|-------------------------------|--|------------------|
| Bank 250 WDDA CHECKING | | | | | | |
| 09/17/2024 | 250 | 306 | 01698 | MICHIGAN DOWNTOWN ASSOCIATION | MEMBERSHIP DUES 10/01/24-10/01/25 | 75.00 |
| 09/17/2024 | 250 | 307 | 00907 | MID MICHIGAN CABLE CONSORTIUM | 2024 VIDEO RECORDING CONTRACT-EDA MEETIN | 367.50 |
| 09/17/2024 | 250 | 308 | 00672 | UNION TOWNSHIP FIRE FUND | PUBLIC SAFETY-FIRE PROTECTION FOR WDDA | 69,657.35 |
| 250 TOTALS: | | | | | | |
| Total of 3 Checks: | | | | | | 70,099.85 |
| Less 0 Void Checks: | | | | | | 0.00 |
| Total of 3 Disbursements: | | | | | | <u>70,099.85</u> |

User: SHERRIE

DB: Union

PERIOD ENDING 08/31/2024

| GL NUMBER | DESCRIPTION | YTD BALANCE | | 2024 | | YTD BALANCE | | % BDGT USED |
|---------------------------------------|--|-------------|------------|-----------------|---------------------|-------------|------------|-------------|
| | | NORMAL | (ABNORMAL) | ORIGINAL BUDGET | 2024 AMENDED BUDGET | NORMAL | (ABNORMAL) | |
| Fund 248 - EAST DDA FUND | | | | | | | | |
| Revenues | | | | | | | | |
| Dept 000 - NONE | | | | | | | | |
| 248-000-402.000 | CURRENT PROPERTY TAX | 516,934.75 | | 557,000.00 | 557,000.00 | 561,478.47 | | 100.80 |
| 248-000-402.100 | PRIOR YEARS PROPERTY TAXES | 0.00 | | (250.00) | (250.00) | 0.00 | | 0.00 |
| 248-000-412.000 | DELQ PERSONAL PROPERTY CAPT | 3.63 | | 300.00 | 300.00 | 0.00 | | 0.00 |
| 248-000-414.000 | PROPERTY TAX REFUNDS-BOR MTT | 0.00 | | (4,000.00) | (4,000.00) | 0.00 | | 0.00 |
| 248-000-445.000 | INTEREST ON TAXES | 0.66 | | 500.00 | 500.00 | 0.00 | | 0.00 |
| 248-000-573.000 | STATE AID REVENUE-LCSA | 0.00 | | 69,000.00 | 69,000.00 | 0.00 | | 0.00 |
| 248-000-665.000 | INTEREST EARNED | 38,259.58 | | 80,000.00 | 80,000.00 | 55,269.01 | | 69.09 |
| 248-000-672.000 | OTHER REVENUE | 0.00 | | 1,000.00 | 1,000.00 | 0.00 | | 0.00 |
| Total Dept 000 - NONE | | 555,198.62 | | 703,550.00 | 703,550.00 | 616,747.48 | | 87.66 |
| TOTAL REVENUES | | 555,198.62 | | 703,550.00 | 703,550.00 | 616,747.48 | | 87.66 |
| Expenditures | | | | | | | | |
| Dept 336 - FIRE DEPARTMENT | | | | | | | | |
| 248-336-830.000 | PUBLIC SAFETY - FIRE PROTECTION | 79,658.26 | | 81,000.00 | 81,000.00 | 85,760.78 | | 105.88 |
| Total Dept 336 - FIRE DEPARTMENT | | 79,658.26 | | 81,000.00 | 81,000.00 | 85,760.78 | | 105.88 |
| Dept 728 - ECONOMIC DEVELOPMENT | | | | | | | | |
| 248-728-801.000 | PROFESSIONAL & CONTRACTUAL SERVICES | 5,249.25 | | 21,300.00 | 21,300.00 | 10,546.20 | | 49.51 |
| 248-728-801.001 | MAINT- BENCHES/TRASH RECEPTACLES | 0.00 | | 5,000.00 | 5,000.00 | 0.00 | | 0.00 |
| 248-728-801.003 | SIDEWALK SNOWPLOWING | 4,550.00 | | 15,000.00 | 15,000.00 | 6,547.21 | | 43.65 |
| 248-728-801.004 | LAWN CARE | 5,631.00 | | 35,000.00 | 35,000.00 | 16,527.00 | | 47.22 |
| 248-728-801.005 | IRRIGATION / LIGHTING REPAIRS | 4,789.75 | | 20,000.00 | 20,000.00 | 19,815.53 | | 99.08 |
| 248-728-801.007 | FLOWER / LANDSCAPE MAINTENANCE | 6,329.00 | | 47,000.00 | 47,000.00 | 12,606.84 | | 26.82 |
| 248-728-826.000 | LEGAL FEES | 0.00 | | 4,000.00 | 4,000.00 | 0.00 | | 0.00 |
| 248-728-880.000 | COMMUNITY PROMOTION | 5,500.00 | | 16,500.00 | 16,500.00 | 6,500.00 | | 39.39 |
| 248-728-883.000 | COMMUNITY IMPROVEMENT GRANTS | 0.00 | | 40,000.00 | 40,000.00 | 0.00 | | 0.00 |
| 248-728-885.000 | STREET LIGHT BANNERS/CHRISTMAS | 5,355.00 | | 23,000.00 | 23,000.00 | 5,928.39 | | 25.78 |
| 248-728-900.000 | PRINTING & PUBLISHING | 0.00 | | 250.00 | 250.00 | 0.00 | | 0.00 |
| 248-728-920.000 | ELECTRIC/NATURAL GAS | 5,139.80 | | 15,000.00 | 15,000.00 | 6,111.67 | | 40.74 |
| 248-728-920.200 | WATER & SEWER CHARGES | 2,290.31 | | 18,000.00 | 18,000.00 | 1,372.90 | | 7.63 |
| 248-728-940.000 | LEASE/RENT | 715.00 | | 1,200.00 | 1,200.00 | 715.00 | | 59.58 |
| 248-728-955.000 | MISC. | 0.00 | | 100.00 | 100.00 | 32.00 | | 32.00 |
| 248-728-957.300 | MEMBERSHIP & DUES | 375.00 | | 500.00 | 500.00 | 75.00 | | 15.00 |
| 248-728-963.000 | PROPERTY/LIABILITY INSURANCE | 1,706.79 | | 2,200.00 | 2,200.00 | 2,109.43 | | 95.88 |
| 248-728-967.200 | WATER SYSTEM PROJECTS | 0.00 | | 100,000.00 | 100,000.00 | 0.00 | | 0.00 |
| 248-728-967.300 | SEWER SYSTEM PROJECTS | 160,000.00 | | 0.00 | 0.00 | 0.00 | | 0.00 |
| 248-728-967.400 | STREET/ROAD PROJECTS | 168,571.77 | | 0.00 | 0.00 | 0.00 | | 0.00 |
| 248-728-967.500 | SIDEWALK/PATHWAY PROJECTS | 0.00 | | 520,000.00 | 520,000.00 | 26,500.00 | | 5.10 |
| 248-728-967.600 | PARKS PROJECTS | 0.00 | | 90,000.00 | 90,000.00 | 0.00 | | 0.00 |
| 248-728-971.000 | CAPITAL OUTLAY-LAND | 0.00 | | 550,000.00 | 550,000.00 | 0.00 | | 0.00 |
| 248-728-974.000 | LAND IMPRVMENTS-GENERAL | 50.45 | | 20,000.00 | 20,000.00 | 0.00 | | 0.00 |
| 248-728-974.200 | LAND IMPRVMENTS-PICKARD RIGHT OF WAY | 0.00 | | 450,000.00 | 450,000.00 | 54.74 | | 0.01 |
| 248-728-974.201 | LAND IMPRVMENTS-5800 PICKARD/ENTERPRIS | 0.00 | | 40,000.00 | 40,000.00 | 109.48 | | 0.27 |
| 248-728-974.202 | LAND IMPRVMENTS-2120 YATS DR | 11,975.45 | | 210.00 | 210.00 | 54.74 | | 26.07 |
| 248-728-974.203 | LAND IMPRVMENTS-JONATHON LANE | 0.00 | | 210.00 | 210.00 | 109.48 | | 52.13 |
| Total Dept 728 - ECONOMIC DEVELOPMENT | | 388,228.57 | | 2,034,470.00 | 2,034,470.00 | 115,715.61 | | 5.69 |

User: SHERRIE

DB: Union

PERIOD ENDING 08/31/2024

| GL NUMBER | DESCRIPTION | YTD BALANCE | | 2024 | | YTD BALANCE | | % BDGT USED |
|---------------------------|--------------------------------|-------------|------------|--------------------|------------------------|-------------|------------|----------------|
| | | NORMAL | (ABNORMAL) | ORIGINAL BUDGET | 2024 AMENDED BUDGET | NORMAL | (ABNORMAL) | |
| Fund 248 - EAST DDA FUND | | | | | | | | |
| Expenditures | | | | | | | | |
| | TOTAL EXPENDITURES | 467,886.83 | | 2,115,470.00 | 2,115,470.00 | | 201,476.39 | 9.52 |
| <hr/> | | | | | | | | |
| Fund 248 - EAST DDA FUND: | | | | | | | | |
| | TOTAL REVENUES | 555,198.62 | | 703,550.00 | 703,550.00 | | 616,747.48 | 87.66 |
| | TOTAL EXPENDITURES | 467,886.83 | | 2,115,470.00 | 2,115,470.00 | | 201,476.39 | 9.52 |
| | NET OF REVENUES & EXPENDITURES | 87,311.79 | | (1,411,920.00) | (1,411,920.00) | | 415,271.09 | 29.41 |

PERIOD ENDING 08/31/2024

| GL NUMBER | DESCRIPTION | YTD BALANCE | | 2024 | | YTD BALANCE | | % BGD USED |
|---------------------------------------|---------------------------------------|-------------|------------|--------------------|------------------------|-------------|------------|---------------|
| | | NORMAL | (ABNORMAL) | ORIGINAL BUDGET | 2024 AMENDED BUDGET | NORMAL | (ABNORMAL) | |
| Fund 250 - WEST DDA FUND | | | | | | | | |
| Revenues | | | | | | | | |
| Dept 000 - NONE | | | | | | | | |
| 250-000-402.000 | CURRENT PROPERTY TAX | 414,115.58 | | 438,600.00 | 438,600.00 | 442,342.63 | | 100.85 |
| 250-000-412.000 | DELQ PERSONAL PROPERTY CAPT | 47.46 | | 50.00 | 50.00 | 0.00 | | 0.00 |
| 250-000-414.000 | PROPERTY TAX REFUNDS-BOR MTT | 0.00 | | (4,000.00) | (4,000.00) | 0.00 | | 0.00 |
| 250-000-445.000 | INTEREST ON TAXES | 106.61 | | 200.00 | 200.00 | 0.00 | | 0.00 |
| 250-000-573.000 | STATE AID REVENUE-LCSA | 0.00 | | 1,800.00 | 1,800.00 | 0.00 | | 0.00 |
| 250-000-665.000 | INTEREST EARNED | 20,178.74 | | 50,000.00 | 50,000.00 | 37,779.69 | | 75.56 |
| Total Dept 000 - NONE | | 434,448.39 | | 486,650.00 | 486,650.00 | 480,122.32 | | 98.66 |
| TOTAL REVENUES | | 434,448.39 | | 486,650.00 | 486,650.00 | 480,122.32 | | 98.66 |
| Expenditures | | | | | | | | |
| Dept 336 - FIRE DEPARTMENT | | | | | | | | |
| 250-336-830.000 | PUBLIC SAFETY - FIRE PROTECTION | 65,765.91 | | 66,000.00 | 66,000.00 | 69,657.35 | | 105.54 |
| Total Dept 336 - FIRE DEPARTMENT | | 65,765.91 | | 66,000.00 | 66,000.00 | 69,657.35 | | 105.54 |
| Dept 728 - ECONOMIC DEVELOPMENT | | | | | | | | |
| 250-728-801.000 | PROFESSIONAL & CONTRACTUAL SERVICES | 3,292.50 | | 13,300.00 | 13,300.00 | 3,292.50 | | 24.76 |
| 250-728-801.003 | SIDEWALK SNOWPLOWING | 3,500.00 | | 8,000.00 | 8,000.00 | 4,361.40 | | 54.52 |
| 250-728-880.000 | COMMUNITY PROMOTION | 5,500.00 | | 16,500.00 | 16,500.00 | 6,500.00 | | 39.39 |
| 250-728-883.000 | COMMUNITY IMPROVEMENT GRANTS | 0.00 | | 40,000.00 | 40,000.00 | 0.00 | | 0.00 |
| 250-728-900.000 | PRINTING & PUBLISHING | 0.00 | | 500.00 | 500.00 | 0.00 | | 0.00 |
| 250-728-957.300 | MEMBERSHIP & DUES | 375.00 | | 500.00 | 500.00 | 75.00 | | 15.00 |
| 250-728-967.400 | STREET/ROAD PROJECTS | 0.00 | | 50,000.00 | 50,000.00 | 100.00 | | 0.20 |
| 250-728-967.500 | SIDEWALK/PATHWAY PROJECTS | 0.00 | | 175,000.00 | 175,000.00 | 11,125.00 | | 6.36 |
| 250-728-974.204 | LAND IMPRVMENTS-REMUS RD RIGHT OF WAY | 0.00 | | 50,000.00 | 50,000.00 | 0.00 | | 0.00 |
| Total Dept 728 - ECONOMIC DEVELOPMENT | | 12,667.50 | | 353,800.00 | 353,800.00 | 25,453.90 | | 7.19 |
| TOTAL EXPENDITURES | | 78,433.41 | | 419,800.00 | 419,800.00 | 95,111.25 | | 22.66 |
| Fund 250 - WEST DDA FUND: | | | | | | | | |
| TOTAL REVENUES | | 434,448.39 | | 486,650.00 | 486,650.00 | 480,122.32 | | 98.66 |
| TOTAL EXPENDITURES | | 78,433.41 | | 419,800.00 | 419,800.00 | 95,111.25 | | 22.66 |
| NET OF REVENUES & EXPENDITURES | | 356,014.98 | | 66,850.00 | 66,850.00 | 385,011.07 | | 575.93 |

Fund 248 EAST DDA FUND

| GL Number | Description | Balance |
|---|-------------------------|---------------------|
| *** Assets *** | | |
| 248-000-001.000 | CASH | 15,214.27 |
| 248-000-002.000 | SAVINGS | 361,612.72 |
| 248-000-003.001 | CERTIFICATE OF DEPOSIT | 2,137,739.26 |
| 248-000-128.000 | ASSETS HELD FOR SALE | 32,557.27 |
| Total Assets | | 2,547,123.52 |
| *** Liabilities *** | | |
| 248-000-202.000 | ACCOUNTS PAYABLE | 93,106.27 |
| Total Liabilities | | 93,106.27 |
| *** Fund Balance *** | | |
| 248-000-375.000 | RESTRICTED FUND BALANCE | 2,038,746.16 |
| Total Fund Balance | | 2,038,746.16 |
| Beginning Fund Balance | | 2,038,746.16 |
| Net of Revenues VS Expenditures | | 415,271.09 |
| Ending Fund Balance | | 2,454,017.25 |
| Total Liabilities And Fund Balance | | 2,547,123.52 |

Fund 250 WEST DDA FUND

| GL Number | Description | Balance |
|---|-------------------------|---------------------|
| *** Assets *** | | |
| 250-000-001.000 | CASH | 5,548.34 |
| 250-000-002.000 | SAVINGS | 533,608.01 |
| 250-000-002.001 | SHARES | 53.70 |
| 250-000-003.001 | CERTIFICATE OF DEPOSIT | 1,123,248.95 |
| Total Assets | | 1,662,459.00 |
| *** Liabilities *** | | |
| 250-000-202.000 | ACCOUNTS PAYABLE | 70,099.85 |
| Total Liabilities | | 70,099.85 |
| *** Fund Balance *** | | |
| 250-000-375.000 | RESTRICTED FUND BALANCE | 1,207,348.08 |
| Total Fund Balance | | 1,207,348.08 |
| Beginning Fund Balance | | 1,207,348.08 |
| Net of Revenues VS Expenditures | | 385,011.07 |
| Ending Fund Balance | | 1,592,359.15 |
| Total Liabilities And Fund Balance | | 1,662,459.00 |

Board Expiration Dates

| Planning Commission Board Members (9 Members) 3 year term | | | |
|---|----------|-------------|-----------------|
| # | F Name | L Name | Expiration Date |
| 1-BOT Representative | James | Thering | 11/20/2024 |
| 2-Chair | Phil | Squatrito | 2/15/2026 |
| 3-Vice Chair | Vacant | | 2/15/2025 |
| 4-Secretary | Jessica | Lapp | 2/15/2026 |
| 5 - Vice Secretary | Thomas | Olver | 2/15/2027 |
| 6 | Stan | Shingles | 2/15/2027 |
| 7 | Paul | Gross | 2/15/2025 |
| 8 | Nivia | McDonald | 2/15/2026 |
| 9 | Philip | Browne Jr. | 2/15/2025 |
| Zoning Board of Appeals Members (5 Members, 2 Alternates) 3 year term | | | |
| # | F Name | L Name | Expiration Date |
| 1-Chair | Liz | Presnell | 12/31/2025 |
| 2 -Vice Chair | Richard | Barz | 12/31/2025 |
| 3- PC Rep | Vacant | | 2/15/2025 |
| 4 - | Lori | Rogers | 12/31/2026 |
| 5 - | Eric | Loose | 12/31/2024 |
| Alt. #1 | David | Coyne | 12/31/2024 |
| Alt #2 | Brian | Clark | 12/31/2026 |
| Board of Review (3 Members) 2 year term | | | |
| # | F Name | L Name | Expiration Date |
| 1 | Jeanette | Corbin | 12/31/2024 |
| 2 | Sarvjit | Chowdhary | 12/31/2024 |
| 3 | Bryan | Neyer | 12/31/2024 |
| Alt #1 | Vacant | | 12/31/2024 |
| Construction Board of Appeals (3 Members) 2 year term | | | |
| # | F Name | L Name | Expiration Date |
| 1 | Joseph | Schafer | 12/31/2025 |
| 2 | Andy | Theisen | 12/31/2025 |
| 3 | William | Gallaher | 12/31/2025 |
| Hannah's Bark Park Advisory Board (2 Members from Township) 2 year term | | | |
| 1 | Mark | Stuhldreher | 12/31/2024 |
| 2 | John | Dinse | 12/31/2025 |
| Chippewa River District Library Board 4 year term | | | |
| 1 | Ruth | Helwig | 12/31/2027 |
| 2 | Lynn | Laskowsky | 12/31/2025 |



Board Expiration Dates

| EDA Board Members (9 Members) 4 year term | | | |
|---|---------|-----------|-----------------|
| # | F Name | L Name | Expiration Date |
| 1-Chair | Thomas | Kequom | 4/14/2027 |
| 2-VC/BOT Rep | Bryan | Mielke | 11/20/2024 |
| 3 | James | Zalud | 4/14/2027 |
| 4 | Richard | Barz | 2/13/2025 |
| 5 | Robert | Bacon | 1/13/2027 |
| 6 | Marty | Figg | 6/22/2026 |
| 7 | Sarvjit | Chowdhary | 6/22/2027 |
| 8 | Jeff | Sweet | 2/13/2025 |
| 9 | David | Coyne | 3/26/2026 |
| Mid Michigan Area Cable Consortium (2 Members) | | | |
| # | F Name | L Name | Expiration Date |
| 1 | Kim | Smith | 12/31/2025 |
| 2 | Vacant | | |
| Cultural and Recreational Commission (1 seat from Township) 3 year term | | | |
| # | F Name | L Name | Expiration Date |
| 1 | Vacant | | 12/31/2025 |
| Mt. Pleasant Airport Joint Operations and Mgmt Board (1 seat from Township) 3 year term | | | |
| # | F Name | L Name | Expiration Date |
| 1 - Union Township | Rodney | Nanney | 12/31/2026 |

M-20 Irrigation System Review and Recommendations Report

127 Interchange to Packard Road

Prepared by: Graber & Associates, LLC, Irrigation Consultants

September 5, 2024



Overview

This report will outline the current conditions of the existing irrigation systems and provide general recommendations for the installation of a new automatic irrigation system in the right-of-way areas along M-20 (Pickard Street) in Union Township from the 127 interchange, west to Packard Road. Current conditions were obtained through visual observations during site visits, consultation with representatives from Union Township, and input from Thielen Turf, the irrigation contractor, who maintained the existing systems. Recommendations are based on our experience as well as comments from these individuals during our initial meeting.

Current conditions

Summary

The right-of-way areas were irrigated from an automatic system. In 2023, a roadway paving improvement project eliminated the existing systems with the exception of the two watersources and controllers. The existing irrigation system in this corridor was fed from two watersources and operated by two controllers. Watersources and controllers are located on the north and south sides of M-20. Irrigated areas consisted of lawns and hanging baskets attached to the decorative light poles within the right-of-way. Some individual businesses along the corridor have their own systems that may have been damaged during the road construction. Restoration of these systems is the responsibility of the individual business owners and is not addressed as part of this report.



Typical land areas and hanging baskets where irrigation is desired.

Watersources

There exist two designated irrigation system watersources that were preserved during the roadway construction. Each is 1.5" size and consists of a tap, shutoff valve, meter, backflow preventer, and winterization valve. Each tap is enclosed inside an aluminum enclosure measuring 40"w, 39"h, 24"d.

The watersource on the south side of the roadway is located in the landscape frontage area of Goodwins Furniture and Mattress. The tap on the north side of the roadway is located in the landscape frontage area of Applebee's restaurant. Backflow testing tags were found at both taps indicating the backflow preventers were last tested in 2022 and that they both operated correctly at that time.



Tap on the south side of M-20



Tap on the north side of M-20



Backflow testing tag



Typical condition of each tap.

Controllers

The irrigation systems were operated from two designated controllers. Controllers for the north and south systems are in place. The controller on the north is located in the open parcel west of the Hampton Inn. The controller on the south side of the roadway is located in front of My Chrysler Jeep Ram dealership. Both controllers have power to them. Only the controller on the south side of the roadway has a rain sensor. Existing system operation notations are written inside the cabinet doors.



Controller on south side of M-20



Controller on north side of M-20



Program and zone operation notes are written inside the controller cabinet doors.

Hanging baskets

Each of the decorative light poles along the corridor have hanging flower baskets attached to them. Irrigation for these baskets is currently installed but not connected.



Typical hanging basket



Drip irrigation installed at basket.

Lawn areas

The existing systems irrigated lawn areas, however, none of the irrigation piping, valves, wiring and sprinklers survived the roadway reconstruction work. All lawn areas within the scope of this proposed project will need new irrigation components.



Typical current condition of lawn areas.



Existing system pipe has been abandoned.

Planting beds and planter pots

There exist several locations where pedestrian benches are installed along the corridor. Small planting beds and raised planter pots are in these locations. These planted areas are maintained through hand watering means and did not have fixed irrigation from the existing system.



Typical pedestrian bench area plantings.

Items requiring verification

- It is understood that sleeving was installed beneath driveways to facilitate the extension of pipe and wire beneath these areas. Size is unknown. It is believed that locations and sizes can be determined from the roadway engineering drawings. These drawings need to be located and reviewed to verify sleeve locations and sizes.
- Thielen Turf indicated that pressure at each tap was in the 60 PSI range and that this pressure was sufficient to operate the former system. Both water sources need to be tested to confirm current available static pressure.
- Utility drawings should be obtained from roadway engineers for reference during the new system design and construction.
- Identify project scope and limits to be included as part of this project. Develop a clear understanding with business owners that the responsibility or repairs to their systems are not the responsibility of Union Township and will not be included in the M-20 corridor irrigation scope of work.

- Debris may have been buried during the roadway construction project. Specifications should consider this possibility and outline a procedure regarding installation modifications, removal and disposal procedures.

Recommendations

Watersources

- Clean debris from inside each enclosure.
- Test both watersources to confirm no leaks/damage to components.
- Backflow preventers must be tested to confirm proper operation.
- Meters should be reinstalled and tested for accuracy.
- A flow meter and master valve should be added to each watersource and connected to each controller. These components will interact with the irrigation control system to monitor flow and shut down the system if water flows exceed the “learned” maximums of the system (in the case of a broken pipe).

Controllers

- Replace both controllers with new controllers. If power is available at the tap locations, consider locating the controllers closer to the water taps they are associated with.
- New controllers should include more robust enclosures, such as stainless steel or metal, instead of plastic cabinets.
- A two-wire decoder system should be considered.
- All existing low voltage wire (from controller to individual system valves) should be abandoned. New two-wire cable should be installed.
- Wire connections should be DBR/Y-6 waterproof connections specifically designed for underground installations.
- New controllers should have cellular modules installed to allow remote access for tablet or phone along with access to weather sensing features associated with a cloud-based system management central control system.
- Add a rain sensor to controllers.

Irrigation system

- Obtain accurate utility drawings and survey information for the areas within the scope of the project.
- Have construction document drawings including specifications developed as the basis for the new irrigation system design.

- Aside from the two existing watersources, nothing from the existing systems should be reused. All new piping, valves, control wire and sprinklers must be installed.
- Valves should be installed inside locking 11" x 19" rectangular valve boxes. Valves configurations should include upstream manual valve, DBR/Y-6 wire connections, valve identification tag, and gravel sump.
- Pop up spray sprinklers with matched precipitation rate nozzles should be installed in lawn areas. Include spray sprinkler bodies with commercial grade options such as wiper seals to prevent risers from staying extended instead of retracting, pressure regulation enhance efficiency and to prevent fogging, and flow restriction check valves to prevent geysers should sprinklers be damaged.
- Sprinklers need to be set at a height where mowing operations will not damage them.
- Hose connections at planted seating areas for maintenance personnel use should be considered.
- The addition of irrigation to the planting beds at the pedestrian bench areas should be considered.
- Isolation valves between watersources and system termination points should be considered to allow shutting portions of system to be isolated, without the need to shut down the entire system, in the event of maintenance.
- Hanging basket irrigation needs to be reconnected to the new system and tested for proper operation.

As built drawings and maintenance

- At the conclusion of the project, request the installation contractor to develop accurate as-built drawings and zone delineation plans for future reference. Copies of the zone delineation plan can be laminated and secured inside each controller cabinet for quick reference.
- Mowing maintenance staff needs to be aware that sprinklers are installed in lawn areas and to make every effort not to damage them.
- The system should be monitored and operated manually on a set schedule throughout the operation season to ensure efficient watering and to repair damaged components.



Example of as-built and zone delineation plan

Equipment and installation examples



All new irrigation components need to be installed.



Zone valve installation with rectangular valve box, manual valve, waterproof wire splices, two-wire cable, and zone identification tag.



Hose connections for maintenance staff at pedestrian bench locations.



Sprinklers with pressure regulation and flow restriction options.



Controllers with stainless steel/metal cabinets.



New controllers with flow sensing and water monitoring features.

Conclusion

The installation of a new system along the M-20 corridor presents many opportunities and challenges that need to be considered when planning the new system. Installation of new irrigation components based on a formal design with a comprehensive set of specifications that utilize utility and survey files from licensed engineers and surveyors will contribute to an organized and effective final installation. Watersource integrity and confirmation of proper backflow preventer operation is critical to the system operation and health department requirements. Controller operation, the addition of master valve and flow control, rain sensors, and connection to web-based central control will allow for more efficient system operation. Finally, assembling of accurate as-built drawings combined with zone delineation maps will aid maintenance staff should system trouble-shooting and repairs be required.

IRRIGATION LEGEND EXAMPLE

EQUIPMENT LEGEND

| Equipment | Hunter |
|---|---|
| <p>4" Pop Up Spray w/ Pressure Compensation/ Flowguard</p> <p>15' Radius Nozzle 12' Radius Nozzle 10' Radius Nozzle 7' - 8' Radius Nozzle Strip Spray Nozzle</p> <p>12" Pop Up Spray w/ Pressure Compensation</p> <p>15' Radius Nozzle 12' Radius Nozzle 10' Radius Nozzle 7' - 8' Radius Nozzle Strip Spray Nozzle</p> | <p>PROS-04-PRS30 w/ Pro-Spray Fixed Nozzles</p> <p>15 Series Nozzle 12 Series Nozzle 10 Series Nozzle 7 Series Nozzle SS-530 Side, ES-515 End</p> <p>PROS-12-PRS30 w/ Pro-Spray Fixed Nozzles</p> <p>15 Series Nozzle 12 Series Nozzle 10 Series Nozzle 7 Series Nozzle SS-530 Side, ES-515 End</p> |
| <p>Automatic Control Valve</p> <p>Quick Coupling Valve</p> <p>Isolation Valve</p> | <p>ICV Series</p> <p>HQ5-RC</p> <p>Nibco T113</p> |
| <p>Controller</p> <p>Flow Sensor</p> <p>Rain Sensor</p> | <p>ACC2 Decoder with cellular module and Centrlus software</p> <p>FLO-SYNC</p> <p>Rain klik</p> |

IRRIGATION EQUIPMENT EXAMPLES



- 01 **Reliable:** Can consistently with stand pressure of up to 220 PSI
- 02 **Durable:** Built with glass-filled nylon that results in extremely sturdy construction
- 03 **Flow Control:** Allows for the fine-tuning of flow and pressure for each zone

ICV VALVE

Top of the Line Valve for High-Pressure Commercial Systems

The commercial-grade ICV is built to work seamlessly with the most demanding systems. It boasts an array of reliable features like a fabric reinforced E.P.D.M. diaphragm and seat, glass-filled nylon construction, and flow control. It can consistently operate at up to 220 PSI, and will continue working through difficult circumstances like high velocities, fluctuating flow rates, and challenging water conditions. In addition to its unmatched reliability, the ICV is also exceptionally easy to maintain. Its bonnet fasteners can be loosened and tightened using a variety of common contractor tools. A Filter Sentry™ option is also available for applications that involve dirty water. The Filter Sentry system keeps the diaphragm filter screen free of debris found in treated or secondary water sources. For the ultimate reliability in high pressure and challenging water quality situations, the ICV is clearly the professional's ultimate choice.

■ **Learn more.** Visit hunterindustries.com, for more detailed information.

ID TAGS



RELIABLE IDENTIFICATION

With our standard Alpha-Numeric numbering, the valve or marking designation can be seen from a distance of up to 50'. Our industry standard yellow tags can accommodate up to three 1.125" alpha-numeric characters per side. Our Maxi size tag can accommodate up to four characters per side. We commonly provide standard sequences ranging from A1 . . . A36 through Z1 . . . Z36. In addition, we can accommodate practically any special alpha-numeric numbering requirement. This allows for logical and consistent zone, controller, valve or area sequence identification.

For Example:

(A1A, A1B, A1C . . . A1Z) (AAA, AAB, AAC . . . AAZ) (C26, C27 . . . C99) (125,126,127...)

Standard Irrigation Application

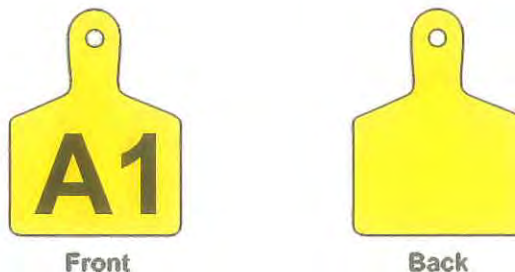
Tag size is 2.25" x 2.75"



ID.STD.XX

| Color | Stamping |
|------------|------------------|
| B - Blue | 1 - Single Sided |
| G - Green | 2 - Double Sided |
| P - Purple | |
| R - Red | |
| Y - Yellow | |
| W - White | |

Example: ID.STD.Y1 is shown below.



Class 125 Bronze Gate Valves

Screw-in Bonnet • Non-Rising Stem • Solid Wedge

125 PSI/8.6 Bar Saturated Steam to 353° F/178° C
200 PSI/13.8 Bar Non-Shock Cold Working Pressure

CONFORMS TO MSS SP-80

MATERIAL LIST

| PART | SPECIFICATION |
|-------------------------|---|
| 1. Handwheel Nut | 300 Series Stainless Steel |
| 2. Identification Plate | Aluminum |
| 3. Handwheel | a. Malleable Iron ASTM A 47 (T-113) b. Bronze (T-113-BHW) c. Bronze Cross (T-113-K) |
| 4. Stem | Silicon Bronze ASTM B 371 Alloy C69400 or ASTM B 99 Alloy C65100 |
| 5. Packing Nut | Bronze ASTM B 62 or ASTM B 584 Alloy C84400 or Brass ASTM B 16 |
| 6. Packing Gland | Bronze ASTM B 62 or ASTM B 584 Alloy C84400 or Brass ASTM B 16 |
| 7. Packing | Aramid Fibres with Graphite |
| 8. Stuffing Box | Bronze ASTM B 62 |
| 9. Bonnet | Bronze ASTM B 62 |
| 10. Body | Bronze ASTM B 62 |
| 11. Wedge | Bronze ASTM B 62 |

DIMENSIONS—WEIGHTS—QUANTITIES

| Size | Dimensions | | | | T-113 | | Master Ctn. Qty. | |
|------|------------|------|-----|-------|-------|-------|------------------|----|
| | A | | B | | Lbs. | Kg. | | |
| In. | mm. | In. | mm. | In. | mm. | | | |
| ¼ † | 8 | 1.69 | 43 | 3.38 | 86 | 0.74 | 0.33 | 50 |
| ⅜ † | 10 | 1.69 | 43 | 3.38 | 86 | 0.71 | 0.32 | 50 |
| ½ † | 15 | 1.94 | 49 | 3.63 | 92 | 0.82 | 0.37 | 50 |
| ¾ | 20 | 2.06 | 54 | 3.91 | 99 | 1.10 | 0.50 | 50 |
| 1 | 25 | 2.44 | 62 | 4.69 | 119 | 1.82 | 0.82 | 30 |
| 1¼ | 32 | 2.63 | 67 | 5.22 | 133 | 2.40 | 1.09 | 20 |
| 1½ | 40 | 2.88 | 72 | 6.25 | 159 | 3.51 | 1.59 | 10 |
| 2 | 50 | 3.06 | 78 | 7.06 | 179 | 4.93 | 2.24 | 10 |
| 2½ | 65 | 4.13 | 105 | 8.41 | 224 | 9.96 | 4.52 | 5 |
| 3 | 80 | 4.50 | 114 | 10.00 | 254 | 14.40 | 6.53 | 4 |

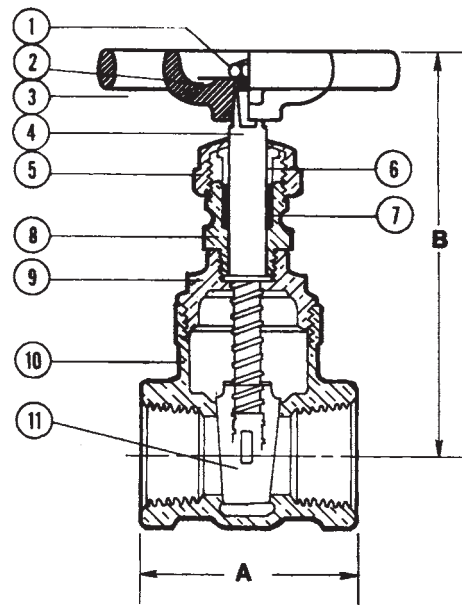
† No packing gland, packing only in these sizes.



T-113
Threaded



T-113-K
Threaded
With Cross Handle



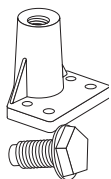
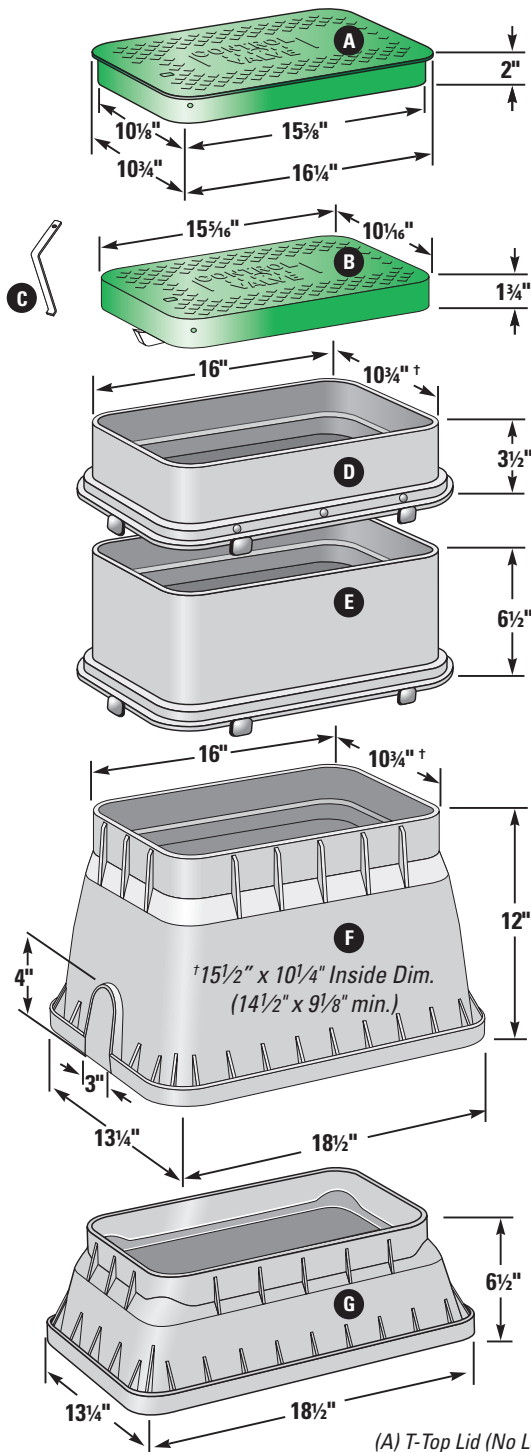
T-113
NPT x NPT

Freezing Weather Precaution – Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.

HIGHLINE

PRODUCTS

STANDARD IRRIGATION TURF BOXES



Optional Pentagon Lock
(Needs Pentagon Lid)

- (A) T-Top Lid (No Locks)
- (B) Drop-in Lid (w/Snap Locks)
- (C) Optional Snap Lock Tool
- (D) 3" Extension
- (E) 6" Extension
- (F) 12" Standard Box
- (G) 6" Flared Box

- SUPERFLEXON material
 - Stronger than structural foam, greater top-load strength
 - More UV and wear resistant than structural foam
 - 10 Year Lid Guarantee
- Lighter than cast iron or concrete boxes
 - Easier warehouse handling
 - Reduced injury potential
- Snap locks on drop-in lid
 - Discourage vandalism
 - Keep lid in place in high water
- Lids are easily interchangeable
- T-top lid will fit boxes of other manufacturers
- Lids available in black, green, tan, and brown mulch
- Boxes available in black, tan and white (6", 12" and 18" high)
- Closed mouse holes standard



"You're Covered!"



The Pro-Spray® line incorporates a heavy-duty ribbed body and durable cap engineered to withstand the harshest environments.

CO-MOLDED WIPER SEAL

This pressure-activated, multi-function wiper seal was designed to reduce flow-by. The zero flush seal operates at low pressures and allows more sprinkler heads to be installed on the same zone. The wiper seal's design protects the riser when operating, and keeps debris out of the seal when retracted, reducing riser stick-ups.



HEAVY-DUTY SPRING

The strongest retraction spring for positive retraction under any conditions



PRO-SPRAY CHECK VALVE

Optional check valves eliminate leaks and puddles at the lower heads, protecting landscapes from damage and erosion while reducing water waste. Choose from the convenience of factory-installed check valves or the flexibility of field installation.

PRESSURE REGULATED TO 30 & 40 PSI

Hunter's pressure regulated pop-up sprays are calibrated for the needs of any installation. Pressure regulation saves water by providing the optimal PSI to create larger water droplets that cut through wind and resist misting. The PRS30 with the brown cap optimizes performance of your traditional sprays at 30 PSI. The grey-capped PRS40 is designed for the efficient MP Rotator and is the only 40 PSI regulated pop-up on the market today.



BODY CAP WON'T LEAK UNDER HIGH PRESSURE

The Pro-Spray line incorporates a heavy-duty ribbed body and durable cap engineered to withstand the harshest environments, including the rigors of foot traffic and the abuses of heavy machinery. In addition, a multi-thread buttress design provides superior strength in cap-to-body gripping capacity helping the head to withstand high inlet surge pressures.



Competitor



Pro-Spray

PRO-SPRAY® FIXED ARC NOZZLES

FEATURES

- Color-coded for easy field identification
- Optimum droplet size minimizes misting while maximizing uniformity

OPERATING SPECIFICATIONS

- Recommended operating pressure: 30 PSI
- Specify the Pro-Spray® PRS30 pop-up for accurate pressure regulation of 30 PSI

| PRO-SPRAY® FIXED ARC NOZZLES | | | | | | |
|------------------------------|---|---|---|---|---|--|
| ARC | 5 | 8 | 10 | 12 | 15 | 17 |
| Q |  |  |  |  |  |  |
| T | Use 4A/6A Nozzle |  |  |  |  | Use 17A Nozzle |
| H |  |  |  |  |  |  |
| TT | Use 4A/6A Nozzle | Use 8A Nozzle | Use 10A Nozzle |  |  | Use 17A Nozzle |
| TQ | Use 4A/6A Nozzle | Use 8A Nozzle | Use 10A Nozzle |  |  | Use 17A Nozzle |
| F |  |  |  |  |  | Use 17A Nozzle |

ACC2 DECODER CONTROLLER

Next-Generation Commercial Controller

Hunter®



Powerful.
Intelligent.
Flexible.
Connected.

ACC2 Decoder

Powerful. Intelligent. Flexible. Connected.

Hunter's next-generation ACC2 Decoder Controller provides powerful irrigation management and monitoring capabilities for complex commercial projects.

The ACC2 Decoder Controller is specifically designed to manage Hunter ICD Decoders on large projects, and it's expandable to 225 stations. The controller offers extreme flexibility, with 32 independent programs, 10 start times, and a variety of overlapping, stacking, and management configurations.

The powerful Flow Manager takes full advantage of sophisticated irrigation designs, watering as much as possible in the shortest amount of time — up to 30 simultaneous solenoids (20 per output module).

The all-new design features a full-color, backlit LCD display in a reversible facepack that operates all functions in either position, making field service a breeze. Finally, advanced features such as Flow Monitoring deliver fast diagnostics of abnormal flow conditions and accurate histories for up to six flow zones.

Now available with a variety of communications options for the cloud-based Centralus™ Irrigation Management Platform, the ACC2 Decoder Controller is truly second to none.



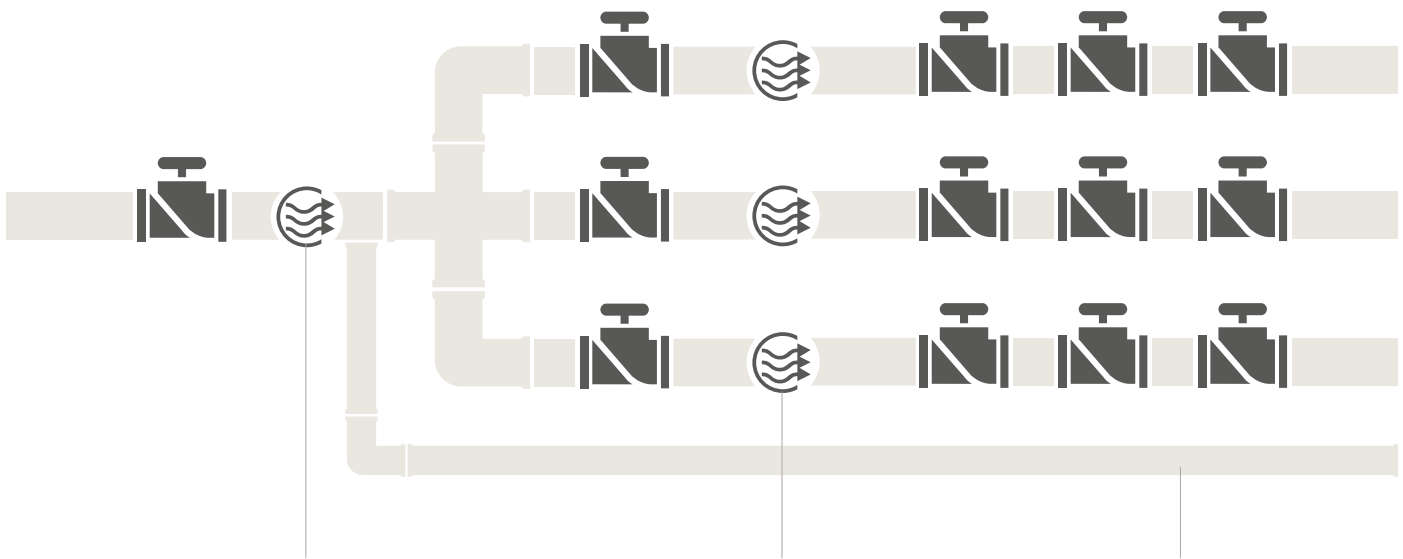
The ACC2 Decoder Controller uses two-wire decoder technology to control hundreds of stations, either standalone or via web-based controls.

FLOW Management

Multiple stations. Safe flow targets.

The ACC2 Decoder Controller offers a suite of flow management features for up to six separate flow zones, including flow scheduling and real-time flow monitoring for the ultimate in system protection. Water source monitoring allows a new and separate level of security above the flow zone level, including mainline protection and monthly budgeting.

- Includes three flow inputs and three P/MV outputs, both expandable to six
- Full normally open and normally closed P/MV support
- Flow scheduling in up to six flow zones (automatically operates stations to user programmable flow target)
- Real-time flow monitoring of up to six flow zones
- Max flow and unscheduled flow alarms and allowances for manual watering
- Flow budgeting for monthly usage limits
- MainSafe™ Technology master water source programming protects long mainline runs
- Expanded range of compatible flow sensors



One MainSafe sensor and normally open master valve monitors the entire water source, including total monthly usage.

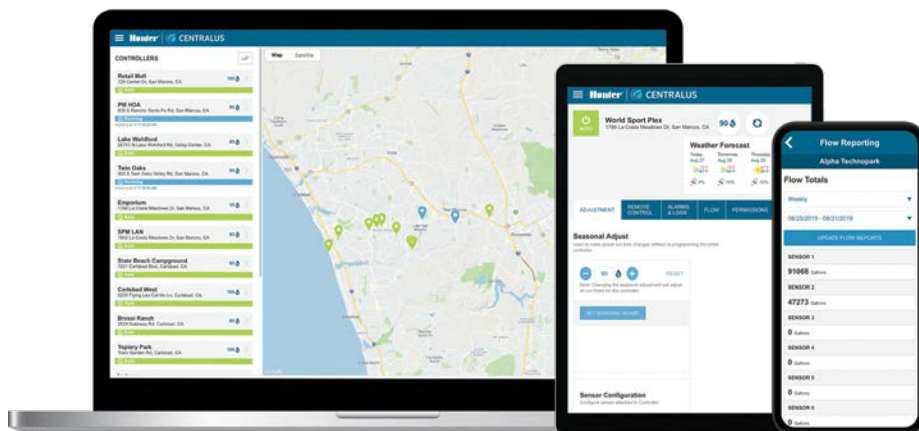
Three separate Flow Zones each schedule stations using safe, optimum target flow rates for the specific diameter of mainline pipe.

One manual irrigation line provides always-on irrigation on demand, but is still monitored by the upstream MainSafe master.

CLOUD Management with the Centralus Platform

Keep track of irrigation on the go! Add web-based central and mobile control to ACC2 Controllers with simple plug-in communication modules.

- Clean, simple web application with screens that fit any smart device (desktop, phone, tablet)
- Instant map-based overviews of all controller statuses
- Browser-based remote control for all ACC2 functions
- Remote adjustment, system on/off commands, or timed shutdowns
- Solar Sync Sensor integration for automatic, climate-adjusted water savings
- Proactive forecast adjustments for additional water savings
- View real-time flow by sensor and flow total reporting by day, week, month, or year
- Text notifications of controller alarms sent to your phone
- Crewmember sharing and management



Learn more.
Visit centralus.hunterindustries.com

ACC2 COMMUNICATION OPTIONS


| Model | Description |
|-----------|--|
| A2C-WIFI | Wi-Fi communication module for 2.4 GHz wireless connections |
| A2C-LAN | Ethernet (LAN) communication module for direct RJ-45 network connections |
| A2C-LEDKT | External status indication light kit |
| A2C-LTEM* | ACC2 cellular connection module |

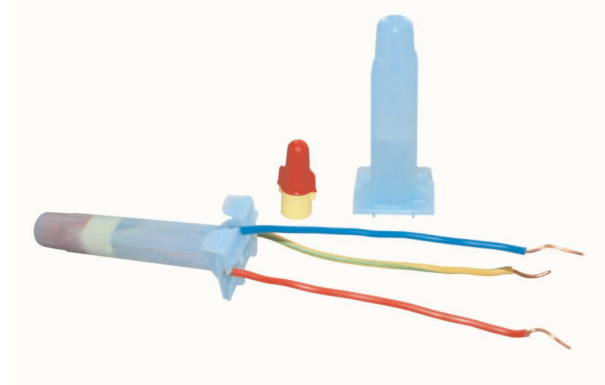
*(monthly data plan required)

3M™ Direct Bury Splice Kits


3M™ Direct Bury Splice Kit DBR/Y-6

The 3M™ Direct Bury Splice Kit DBR/Y-6 is used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial. The kit includes a 3M™ Performance Plus Wire Connector R/Y+ and a high impact, UV-resistant polypropylene tube pre-filled with moisture-resistant grease.


| | |
|-------------------------------|---|
| Voltage | 600 V |
| Splice Type | Direct Bury |
| Application Temperature Range | 32–120°F (0–49°C) |
| Operating Temperature Range | -40–221°F (-40–105°C) |
| Flame Retardant | Yes |
| RoHS 2011/65/EU | Yes |
| Agency Approval |  |



| Order No. | UPC | Conductor Size | Common AWG Wire Combinations (CU only) | Case Qty. |
|--------------|--------------|----------------|--|-----------|
| DBR/Y-6 KIT | 051128-58573 | 18–10 AWG | 2–7#18; 2–6#16; 2–4#14; 2–4#12; 2–3#10; 1–3#12 w/ 1#18; 1–2#10 w/1#18; 1–2#10 w/1#12; 1–2#14 w/ 1#18 | 25 Kits |
| DBR/Y-6 BULK | 051128-58574 | 18–10 AWG | 2–7#18; 2–6#16; 2–4#14; 2–4#12; 2–3#10; 1–3#12 w/ 1#18; 1–2#10 w/1#18; 1–2#10 w/1#12; 1–2#14 w/ 1#18 | 100 Kits |

| SDR-26 PRESSURE PIPE 160 PSI PVC1120 ASTM D2241  | SIZE | O.D. | MIN. WALL | WEIGHT PER 100' | SOCKET DEPTH INCHES | FEET PER PALLET | PALLETS PER T.L. | BELLED PART NO. |
|--|--------|--------|-----------|-----------------|---------------------|-----------------|------------------|-----------------|
| | 1¼" | 1.660 | .064 | 20.93 | 2.750 | 4000 | 32 | 45243 |
| | 1½ | 1.900 | .073 | 27.31 | 3.000 | 3600 | 28 | 45280 |
| | 2 | 2.375 | .091 | 42.51 | 3.000 | 2800 | 24 | 45345 |
| | 2½ | 2.875 | .110 | 62.13 | 3.500 | 2240 | 20 | 45410 |
| | 3 | 3.500 | .135 | 92.81 | 4.000 | 1500 | 20 | 45470 |
| | 4 | 4.500 | .173 | 156.97 | 5.000 | 580 | 28 | 47075 |
| | 6 | 6.625 | .255 | 342.71 | 6.500 | 400 | 20 | 47120 |
| | 8 | 8.625 | .332 | 581.78 | 7.000 | 280 | 16 | 47735 |
| | 10 | 10.750 | .413 | 904.15 | 7.500 | 160 | 16 | 47145 |
| | 12 | 12.750 | .490 | 1274.47 | 8.000 | 120 | 12 | 47155 |
| 16 | 16.000 | .616 | 2026.31 | 10.000 | 120 | 12 | 47175 | |

NOTE: 8" SDR-26 IS DUAL MARKED FOR SCH-40 PIPE.

| | | | | | | | | |
|---|-----|--------|------|---------|--------|------|----|-------|
| SDR-21 PRESSURE PIPE 200 PSI PVC1120 ASTM D2241  | *½" | .840 | .062 | 9.81 | 2.000 | 8400 | 44 | 46105 |
| | ¾ | 1.050 | .060 | 12.11 | 2.125 | 6600 | 40 | 46157 |
| | 1 | 1.315 | .063 | 16.17 | 2.375 | 5400 | 32 | 46207 |
| | 1¼ | 1.660 | .079 | 25.59 | 2.750 | 4000 | 32 | 46243 |
| | 1½ | 1.900 | .090 | 33.32 | 3.000 | 3600 | 28 | 46285 |
| | 2 | 2.375 | .113 | 52.32 | 3.000 | 2800 | 24 | 46345 |
| | 2½ | 2.875 | .137 | 76.53 | 3.500 | 2240 | 20 | 46410 |
| | 3 | 3.500 | .167 | 113.71 | 4.000 | 1500 | 20 | 46470 |
| | 4 | 4.500 | .214 | 192.22 | 5.000 | 580 | 28 | 47275 |
| | 6 | 6.625 | .316 | 420.11 | 6.500 | 400 | 20 | 47320 |
| | 8 | 8.625 | .410 | 710.96 | 7.500 | 280 | 16 | 47335 |
| | 10 | 10.750 | .511 | 1106.58 | 8.000 | 160 | 16 | 47355 |
| | 12 | 12.750 | .606 | 1560.36 | 10.000 | 120 | 12 | 47375 |

*SDR 13.5 - 315 PSI. NOT RECOMMENDED FOR THREADING.

STANDARD LENGTH 20' EXCEPT 4", 6", 8", 10", 12", & 16" WHICH ARE 20' LAYING LENGTH.



PVC SCHEDULE 40 FITTINGS

40-2-0604

Performance Engineered & Tested



SPEARS® Schedule 40 PVC fitting designs combine years of proven experience with computer generated stress analysis to yield the optimum physical structure and performance for each fitting. Material reinforcement is uniformly placed in stress concentration areas for substantially improved pressure handling capability. Resulting products are subjected to numerous verification tests to assure the very best PVC fittings available.

Full 1/4" Through 12" Availability

Spears® comprehensive line of PVC fittings offers a variety of injection molded configurations in Schedule 40 sizes 1/4" through 12" conforming to ASTM D 2466.

Exceptional Chemical & Corrosion Resistance

Unlike metal, PVC fittings never rust, scale, or pit, and will provide many years of maintenance-free service and extended system life.

High Temperature Ratings

PVC thermoplastic can handle fluids at service temperatures up to 140°F (60°C), allowing a wide range of process applications, including corrosive fluids.

Lower Installation Costs

Substantially lower material costs than steel alloys or lined steel, combined with lighter weight and ease of installation, can reduce installation costs by as much as 60% over conventional metal systems.

Higher Flow Capacity

Smooth interior walls result in lower pressure loss and higher volume than conventional metal fittings.

Additional Fabricated Configurations through 36"

Extra large, hard-to-find, and custom configurations are fabricated from NSF Certified pipe. Fittings are engineered and tested to provide full pressure handling capabilities according to Spears® specifications.

PVC Valves

SPEARS® PVC Valve products are available for total system compatibility and uniformity; see SPEARS® THERMOPLASTIC VALVES PRODUCT GUIDE & ENGINEERING SPECIFICATIONS (V-4).

Advanced Design Specialty Fittings

Spears® wide range of innovative, improved products include numerous metal-to-plastic transition fittings and unions with Spears® patented special reinforced (SR) plastic threads.

Sample Engineering Specifications

All PVC Schedule 40 fittings shall be produced by Spears® Manufacturing Company from PVC Type I cell classification 12454, conforming to ASTM D 1784. All injection molded PVC Schedule 40 fittings shall be Certified for potable water service by NSF International and manufactured in strict compliance to ASTM D 2466. All fabricated fittings shall be produced in accordance with Spears® General Specifications for Fabricated Fittings.



PROGRESSIVE PRODUCTS FROM SPEARS® INNOVATION & TECHNOLOGY

Visit our web site: www.spearsmfg.com

appurtenances, and approximately 1,000 feet of eight-inch C900 water main and appurtenances, along with traffic control, clean-up, and restoration. The deadline for completing the full scope of the projects and closeout is September 15, 2026. Sealed bids for the Division B – Division B Water Main Transmission and Extensions were opened on 7/31/2024. Two responsive bids were received for this project, as follows:

| Bidder | Base Bid* | Alternate Bid* |
|------------------------------|------------------|-----------------------|
| McGuirk Sand and Gravel Inc. | \$3,857,325.00 | \$4,633,155.00 |
| The Isabella Corporation | \$4,283,950.00 | \$4,835,200.00 |

Base Bid - open cut US127 water main route

Alternate Bid - directional drill US127 water main route

On September 11, 2024, the Board of Trustees took action during their regular meeting to accept the base bid from McGuirk Sand and Gravel Inc.

Resolving the Grant Budget and Construction Bid Price Gap

The construction budget for the portions of the DWSRF ARPA Grant associated with the Division B Water Main Transmission and Extension Project is \$2,621,062.50. The low bid (base bid) received for the Division B construction project is \$3,857,325.00, which means there is a \$1,236,262.50 funding deficit for construction of this Division.

As a first step to resolve this funding deficit, an exercise of value engineering was initiated by the Public Service Department and the Township’s engineering consultants at Gourdie-Frasier Associates to identify options that could be implemented to reduce the construction cost. The evaluation identified an estimated \$320,000.00 in savings across the two Division B projects that could be instituted, with the least impact on overall project goals, objectives, and quality.

| | |
|---|-------------------------|
| Construction Bid | \$3,857,325.00 |
| Value engineering identified savings | <u>(\$ 320,000.00)</u> |
| Revised Construction Cost | \$3,537,325.00 |
| Grant Division B Contribution | <u>(\$2,621,062.50)</u> |
| Budget deficit after value engineering | \$ 916,262.50 |

Upon completion of the value engineering exercise, additional options for resolution of the funding deficit were considered, including removal of the standalone watermain loop on E. Pickard (M-20) and S. Summerton Roads to E. Broadway Road, reduction in piping sizes, removal of portions of watermain, and additional funding options to supplement the existing grant funding.

It is the consensus of the Township Administration that the Division B project scope of work is essential to serve our customers, to provide sufficient fire protection in the Township’s commercial – industrial areas, and to ensure that necessary quantities and quality of the Township’s water are available for our customers now and into the foreseeable future.

The approved Division B base bid of \$3,857,325.00 can be further broken down by geography into two (2) separate components:

- Construction of a new 16-inch transmission main from a new well at Deerfield/Mission Roads to Isabella Treatment Plant (\$2,779,520.00)

- Construction of a new 12-inch water main loop from E. Pickard Road (M-20) and S. Summerton Road to E. Broadway Road (\$1,014,015.00).

As part of the Board of Trustees’ action on 9/11/2024 to accept the base bid from McGuirk Sand and Gravel Inc., it was recognized that additional Township funding support would need to be allocated from Township funds to fully resolve the gap between the original grant allocation for the Division B project scope and the accepted McGuirk base bid. As noted during the 9/11/2024 Board of Trustees meeting, \$420,000.00 from the Township’s Water System Fund balance is available to help accomplish this.

SCOPE OF SUPPORT

The E. Pickard Road (M-20) and S. Summerton Road to E. Broadway Road watermain loop is included in the East DDA District Project Plan list. The EDA Board included \$100,000.00 in the FY2024 East DDA Fund budget for engineering costs to create a plan for completion of this important infrastructure project, which would improve fire protection capacity, enhance reliability of the water system, and support additional development within the Enterprise Industrial Park.

With the state Drinking Water State Revolving Fund grant award, these engineering costs were covered, but there is a need for funding support to move ahead with construction of the improvements.

The Township Administration asks that the EDA Board consider approval of a Participation Agreement with the Board of Trustees to allocate FY2025 funding from the East DDA District Fund in the amount of \$500,000.00 to resolve the remaining gap in funding for this project.

JUSTIFICATION

The EDA Board oversees the Township’s East Downtown Development Authority District and has invested substantial resources in the establishment and maintenance of public infrastructure in the East DDA District, including support for previous municipal water and sewer infrastructure improvement projects. The E. Pickard Road (M-20) and S. Summerton Road to E. Broadway Road watermain loop is included in the East DDA District Project Plan list, and most of the costs for engineering and construction are covered by the state Drinking Water State Revolving Fund grant.

Approval of the proposed Participation Agreement to provide support to fully resolve the remaining gap in funding would be consistent with the East DDA District Development Plan and the EDA Board’s approved implementation strategies for East DDA District projects.

BOARD OF TRUSTEES GOALS ADDRESSED

Board of Trustees goals addressed (from Policy 1.0: Global End):

- 1. Community well-being and common good**
- 3. Safety and Health**
- 5. Commerce**

The proposed watermain loop would enhance water system reliability and help to ensure safe drinking water availability for the Township’s business customers and residents (1.3.2.), would support a sustainable community through the most effective use of resources (1.0), and would encourage further development of new and expanded commercial establishments and advance manufacturing, distribution, engineering, and research facilities within the East DDA District (1.5).

PROJECT TIMETABLE

The Division B scope of work is anticipated to be completed in 2025.

RESOLUTION

To approve a Participation Agreement with the Board of Trustees for FY2025 funding from the East DDA District Fund in the amount of \$500,000.00 to support completion of the E. Pickard Road and S. Summerton Road watermain loop as part of the state Drinking Water State Revolving Fund ARPA Grant Division B Water Main Transmission and Extensions Project, subject to the appropriation of funds in the FY2025 East DDA Fund annual budget.

Resolved by _____ Seconded by _____

Yes:

No:

Absent:

Thomas Kequom, EDA Board Chair

Economic Development Authority Board Participation Agreement

This Agreement is made and entered into by and between the Charter Township of Union Board of Trustees, County of Isabella, hereinafter referred to as the **“Township Board,”** and the Economic Development Authority Board for the Charter Township of Union, County of Isabella, hereinafter referred to as the **“EDA,”** for the following improvements:

FY2025 funding from the East DDA District Fund in the amount of \$500,000.00 to support completion of the E. Pickard Road and S. Summerton Road watermain loop as part of the state Drinking Water State Revolving Fund ARPA Grant Division B Water Main Transmission and Extensions Project.

Payment as stated above will be due upon receipt of invoice during the 2025 fiscal year.

The undersigned EDA Board official, by executing this agreement, certify they are authorized to enter into this agreement on behalf of the EDA Board.

**Charter Township of Union
Economic Development Authority Board**

**Charter Township of Union
Board of Trustees**

By: _____
Thomas Kequom, Chair

By: _____
Mark Stuhldreher, Manager

EDA Board Approval on: _____

Board of Trustees Approval on: _____

REQUEST FOR ECONOMIC DEVELOPMENT AUTHORITY ACTION

To: Mark Stuhldreher, Township Manager **DATE:** September 12, 2024

FROM: Sherrie Teall, Finance Director **DATE FOR EDA CONSIDERATION:** 9/17/24

ACTION REQUESTED: Approve Budget Amendment #1 for the 248 - East DDA fund and 250 - West DDA fund.

****It should be noted:** On September 25, 2024, this amendment to the East DDA fund and the West DDA fund will go to the Board of Trustees for approval after the EDA Board recommends their approval

Current Action Emergency

Funds Budgeted: If Yes Account # _____ No N/A

Finance Approval _____ Sherrie Teall _____

BACKGROUND INFORMATION

It is recommended that the Fiscal Year 2024 budget be amended by the Economic Development Authority per the attached for the funds listed above. Detailed changes to the respective accounts are attached. A brief description of the significant amendments follows.

East DDA Fund

- Revenue
 - An Increased Budget for State Aid Revenue of \$4,000 is recognized
 - The Budget for Current Property Tax is increasing \$4,000
 - Total net revenue from all adjustments is an increase of \$8,000 for the East DDA fund

- Expenditures
 - Decreased budget \$100,000 for the Summerton Rd Sewer Extension engineering plan delayed until fiscal year 2025
 - Reduced the budget \$370,000 for all sidewalk projects road blocked by easement issues- the Bud Street sidewalk should be done in 2024
 - Reduced the budget by \$90,000 for the lighting project from Kay St. to Jonathon Lane which will be in the 2025 fiscal year budget
 - Decreased Budget \$450,000 for the irrigation reconstruction project, this will likely commence in 2025
 - Total net additional expenditures from all adjustments is a net decrease of \$1,010,000 in the East DDA Fund

The summary budget amendment for the East DDA Fund is:

Revenues: \$ 8,000

Expenditures:

728-Economic Development (1,010,000)

Total Expenditures (\$1,010,000)

- The resulting net impact of the budget amendment is to increase projected year end fund balance by \$1,018,000 compared to the existing amended budget

West DDA Fund

- Revenue The Budget for Current Property Tax is increasing \$3,400
- An Increased Budget for State Aid Revenue of \$1,100 is recognized
- Total net revenue from all adjustments is an increase of \$4,500 for the West DDA Fund
- Expenditures
 - Increased the Fire Protection budget \$3,600 to account for the actual amounts captured & returned per the agreement
 - Reduced the Street/Road projects budget by \$49,000 for plan development for storm drainage, sidewalks, etc. from Remus Rd to the Bridge on Lincoln moving to fiscal year 2025
 - Reduced Budget for sidewalks \$155,000 on Bradley St. North from Remus Rd to the Middle School moving to fiscal year 2025 budget
 - Decreased budget \$50,000 for the E. Remus Road Streetscape/Streetlights project likely to begin in 2025 instead of 2024
 - Total net expenditures from all adjustments is a decrease of \$250,400 in the WDDA

The summary budget amendment for the West DDA Fund is:

Revenues: \$ 4,500

Expenditures 728-Economic Development (\$254,000)
336-Fire Department \$ 3,600

Total Expenditures (\$250,400)

- The resulting net impact of the budget amendment is to increase projected year end fund balance by \$254,900 compared to the existing original budget

SCOPE OF SERVICES

Not applicable

JUSTIFICATION

Budget amendments are required under the Uniform Budgeting and Accounting Act when it is known or anticipated that revenue and/or expenditures are likely to differ from the originally adopted budget. Sound financial management practices also dictate that the budget be amended in order to understand the current state of Authority finances so that any necessary adjustments in operations can be considered.

PROJECT IMPROVEMENTS

The following Board of Trustees goals are addressed in these budget amendments (From Policy 1.0: Global End).

- 1. Community well-being and common good
- 2. Prosperity through economic diversity, cultural diversity, and social diversity
- 3. Health and Safety
- 4. Natural Environment
- 5. Commerce

COSTS

PROJECT TIME TABLE

Respective budgets will be updated in the accounting system as soon as practical following approval by the EDA and the Board of Trustees.

RESOLUTION

Authorization is hereby given to amend the Fiscal Year 2024 budget for the East and West DDA funds in the respective net amounts of (\$1,018,000) in the 248 - East DDA Fund and (\$254,900) in the 250 – West DDA Fund

Resolved by _____ Seconded by _____

Yes:

No:

Absent:

Thomas Kequom, EDA Board Chair

Charter Township of Union
248 - East DDA Fund
2024 Budget Amendment #1

| GL NUMBER | DESCRIPTION | END BALANCE 12/31/2023 | 2024 ORIGINAL BUDGET | 2024 AMENDED BUDGET | YTD BALANCE 08/31/2024 | 2024 PROPOSED AMENDED BUDGET | 2024 PROPOSED BUDGET AMENDMENT |
|----------------------------------|--|------------------------------|----------------------------|---------------------------|------------------------------|---------------------------------------|---|
| Revenues | | | | | | | |
| 248-000-402.000 | CURRENT PROPERTY TAX | 516,934.75 | 557,000.00 | 557,000.00 | 561,478.47 | 561,000.00 | 4,000.00 |
| | *Increased Budget to reflect actual amounts collected | | | | | | |
| 248-000-402.100 | PRIOR YEARS PROPERTY TAXES | 0.00 | (250.00) | (250.00) | 0.00 | (250.00) | 0.00 |
| 248-000-412.000 | DELQ PERSONAL PROPERTY CAPT | 3.63 | 300.00 | 300.00 | 0.00 | 300.00 | 0.00 |
| 248-000-414.000 | PROPERTY TAX REFUNDS-BOR MTT | 0.00 | (4,000.00) | (4,000.00) | 0.00 | (4,000.00) | 0.00 |
| 248-000-445.000 | INTEREST ON TAXES | 0.66 | 500.00 | 500.00 | 0.00 | 500.00 | 0.00 |
| 248-000-573.000 | STATE AID REVENUE-LCSA | 69,776.09 | 69,000.00 | 69,000.00 | 0.00 | 73,000.00 | 4,000.00 |
| | *Increased Budget to reflect actual amounts submitted to the State for reimbursement | | | | | | |
| 248-000-665.000 | INTEREST EARNED | 65,903.71 | 80,000.00 | 80,000.00 | 54,552.11 | 80,000.00 | 0.00 |
| 248-000-672.000 | OTHER REVENUE | 0.00 | 1,000.00 | 1,000.00 | 0.00 | 1,000.00 | 0.00 |
| TOTAL REVENUES | | 652,618.84 | 703,550.00 | 703,550.00 | 616,030.58 | 711,550.00 | 8,000.00 |
| Expenditures | | | | | | | |
| Dept 336 - FIRE DEPARTMENT | | | | | | | |
| 248-336-830.000 | PUBLIC SAFETY - FIRE PROTECTION | 79,658.26 | 81,000.00 | 81,000.00 | 85,760.78 | 81,000.00 | 0.00 |
| Total Dept 336 - FIRE DEPARTMENT | | 79,658.26 | 81,000.00 | 81,000.00 | 85,760.78 | 81,000.00 | 0.00 |
| Dept 728 - ECONOMIC DEVELOPMENT | | | | | | | |
| 248-728-801.000 | PROFESSIONAL & CONTRACTUAL SERVICES | 6,340.47 | 21,300.00 | 21,300.00 | 10,546.20 | 21,300.00 | 0.00 |
| 248-728-801.001 | MAINT- BENCHES/TRASH RECEPTACLES | 246.00 | 5,000.00 | 5,000.00 | 0.00 | 5,000.00 | 0.00 |
| 248-728-801.003 | SIDEWALK SNOWPLOWING | 4,550.00 | 15,000.00 | 15,000.00 | 6,547.21 | 15,000.00 | 0.00 |
| 248-728-801.004 | LAWN CARE | 13,086.00 | 35,000.00 | 35,000.00 | 16,527.00 | 35,000.00 | 0.00 |
| 248-728-801.005 | IRRIGATION / LIGHTING REPAIRS | 6,477.25 | 20,000.00 | 20,000.00 | 19,815.53 | 20,000.00 | 0.00 |
| 248-728-801.007 | FLOWER / LANDSCAPE MAINTENANCE | 7,358.00 | 47,000.00 | 47,000.00 | 12,606.84 | 47,000.00 | 0.00 |
| 248-728-826.000 | LEGAL FEES | 0.00 | 4,000.00 | 4,000.00 | 0.00 | 4,000.00 | 0.00 |
| 248-728-880.000 | COMMUNITY PROMOTION | 5,500.00 | 16,500.00 | 16,500.00 | 6,500.00 | 16,500.00 | 0.00 |
| 248-728-883.000 | COMMUNITY IMPROVEMENT GRANTS | 5,134.67 | 40,000.00 | 40,000.00 | 0.00 | 40,000.00 | 0.00 |
| 248-728-885.000 | STREET LIGHT BANNERS/CHRISTMAS | 17,085.00 | 23,000.00 | 23,000.00 | 5,928.39 | 23,000.00 | 0.00 |
| 248-728-900.000 | PRINTING & PUBLISHING | 0.00 | 250.00 | 250.00 | 0.00 | 250.00 | 0.00 |
| 248-728-920.000 | ELECTRIC/NATURAL GAS | 8,403.53 | 15,000.00 | 15,000.00 | 6,111.67 | 15,000.00 | 0.00 |
| 248-728-920.200 | WATER & SEWER CHARGES | 4,621.02 | 18,000.00 | 18,000.00 | 1,372.90 | 18,000.00 | 0.00 |
| 248-728-940.000 | LEASE/RENT | 715.00 | 1,200.00 | 1,200.00 | 715.00 | 1,200.00 | 0.00 |
| 248-728-955.000 | MISC. | 0.00 | 100.00 | 100.00 | 32.00 | 100.00 | 0.00 |
| 248-728-957.300 | MEMBERSHIP & DUES | 375.00 | 500.00 | 500.00 | 75.00 | 500.00 | 0.00 |

Charter Township of Union
248 - East DDA Fund
2024 Budget Amendment #1

| GL NUMBER | DESCRIPTION | END BALANCE 12/31/2023 | 2024 ORIGINAL BUDGET | 2024 AMENDED BUDGET | YTD BALANCE 08/31/2024 | 2024 PROPOSED AMENDED BUDGET | 2024 PROPOSED BUDGET AMENDMENT |
|---------------------------------------|---|------------------------------|----------------------------|---------------------------|------------------------------|---------------------------------------|---|
| 248-728-963.000 | PROPERTY/LIABILITY INSURANCE | 2,147.92 | 2,200.00 | 2,200.00 | 2,109.43 | 2,200.00 | 0.00 |
| 248-728-967.200 | WATER SYSTEM PROJECTS | 0.00 | 100,000.00 | 100,000.00 | 0.00 | 0.00 | (100,000.00) |
| | *Reduced Budget for the Pickard Rd/Summerton Rd watermain loop project-moved to 2025 | | | | | | |
| 248-728-967.300 | SEWER SYSTEM PROJECTS | 160,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248-728-967.400 | STREET/ROAD PROJECTS | 168,571.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 248-728-967.500 | SIDEWALK/PATHWAY PROJECTS | 0.00 | 520,000.00 | 520,000.00 | 26,500.00 | 150,000.00 | (370,000.00) |
| | Reduced Budget for sidewalks projects with easement issues-the Bud Street sidewalk should be done in 2024 | | | | | | |
| 248-728-967.600 | PARKS PROJECTS | 0.00 | 90,000.00 | 90,000.00 | 0.00 | 0.00 | (90,000.00) |
| | *Reduced Budget for the lighting project from Kay St to Jonathon Lane sidewalk-moved to 2025 fiscal year | | | | | | |
| 248-728-971.000 | CAPITAL OUTLAY-LAND | 0.00 | 550,000.00 | 550,000.00 | 0.00 | 550,000.00 | 0.00 |
| 248-728-974.000 | LAND IMPRVMENTS-GENERAL | 50.45 | 20,000.00 | 20,000.00 | 0.00 | 20,000.00 | 0.00 |
| 248-728-974.200 | LAND IMPRVMENTS-PICKARD RIGHT OF WAY | 0.00 | 450,000.00 | 450,000.00 | 54.74 | 0.00 | (450,000.00) |
| | *Reduced Budget for the reconstruction of the irrigation system along Pickard moved to fiscal year 2025 | | | | | | |
| 248-728-974.201 | LAND IMPRVMENTS-5800 PICKARD/ENTERPRIS | 100.90 | 40,000.00 | 40,000.00 | 109.48 | 40,000.00 | 0.00 |
| 248-728-974.202 | LAND IMPRVMENTS-2120 YATS DR | 0.00 | 210.00 | 210.00 | 54.74 | 210.00 | 0.00 |
| 248-728-974.203 | LAND IMPRVMENTS-JONATHON LANE | 100.90 | 210.00 | 210.00 | 109.48 | 210.00 | 0.00 |
| Total Dept 728 - ECONOMIC DEVELOPMENT | | 410,863.88 | 2,034,470.00 | 2,034,470.00 | 115,715.61 | 1,024,470.00 | (1,010,000.00) |
| TOTAL EXPENDITURES | | 490,522.14 | 2,115,470.00 | 2,115,470.00 | 201,476.39 | 1,105,470.00 | (1,010,000.00) |
| TOTAL REVENUES | | 652,618.84 | 703,550.00 | 703,550.00 | 616,030.58 | 711,550.00 | 8,000.00 |
| TOTAL EXPENDITURES | | 490,522.14 | 2,115,470.00 | 2,115,470.00 | 201,476.39 | 1,105,470.00 | (1,010,000.00) |
| NET OF REVENUES & EXPENDITURES | | 162,096.70 | (1,411,920.00) | (1,411,920.00) | 414,554.19 | (393,920.00) | 1,018,000.00 |
| BEGINNING FUND BALANCE | | 1,876,649.46 | 2,038,746.16 | 2,038,746.16 | 2,038,746.16 | 2,038,746.16 | |
| ENDING FUND BALANCE | | 2,038,746.16 | 626,826.16 | 626,826.16 | 2,453,300.35 | 1,644,826.16 | |

**Charter Township of Union
250 - West DDA Fund
2024 Budget Amendment #1**

| GL NUMBER | DESCRIPTION | END BALANCE 12/31/2023 | 2024 ORIGINAL BUDGET | 2024 AMENDED BUDGET | YTD BALANCE 08/31/2024 | 2024 PROPOSED AMENDED BUDGET | 2024 PROPOSED BUDGET AMENDMENT |
|---------------------------------------|---|------------------------------|----------------------------|---------------------------|------------------------------|---------------------------------------|---|
| Revenues | | | | | | | |
| 250-000-402.000 | CURRENT PROPERTY TAX | 414,115.58 | 438,600.00 | 438,600.00 | 442,342.63 | 442,000.00 | 3,400.00 |
| | *Increased Budget to reflect actual amounts collected | | | | | | |
| 250-000-412.000 | DELQ PERSONAL PROPERTY CAPT | 47.46 | 50.00 | 50.00 | 0.00 | 50.00 | 0.00 |
| 250-000-414.000 | PROPERTY TAX REFUNDS-BOR MTT | (409.14) | (4,000.00) | (4,000.00) | 0.00 | (4,000.00) | 0.00 |
| 250-000-445.000 | INTEREST ON TAXES | 106.61 | 200.00 | 200.00 | 0.00 | 200.00 | 0.00 |
| 250-000-573.000 | STATE AID REVENUE-LCSA | 1,884.84 | 1,800.00 | 1,800.00 | 0.00 | 2,900.00 | 1,100.00 |
| | *Increased Budget to reflect actual amounts submitted to the State for reimbursement | | | | | | |
| 250-000-665.000 | INTEREST EARNED | 39,141.10 | 50,000.00 | 50,000.00 | 37,779.69 | 50,000.00 | 0.00 |
| TOTAL REVENUES | | 454,886.45 | 486,650.00 | 486,650.00 | 480,122.32 | 491,150.00 | 4,500.00 |
| Expenditures | | | | | | | |
| Dept 336 - FIRE DEPARTMENT | | | | | | | |
| 250-336-830.000 | PUBLIC SAFETY - FIRE PROTECTION | 65,765.91 | 66,000.00 | 66,000.00 | 69,657.35 | 69,600.00 | 3,600.00 |
| | *Increased Budget \$3,600 to account for actual amounts captured & returned per the agreement | | | | | | |
| Total Dept 336 - FIRE DEPARTMENT | | 65,765.91 | 66,000.00 | 66,000.00 | 69,657.35 | 69,600.00 | 3,600.00 |
| Dept 728 - ECONOMIC DEVELOPMENT | | | | | | | |
| 250-728-801.000 | PROFESSIONAL & CONTRACTUAL SERVICES | 3,370.23 | 13,300.00 | 13,300.00 | 3,292.50 | 13,300.00 | 0.00 |
| 250-728-801.003 | SIDEWALK SNOWPLOWING | 3,500.00 | 8,000.00 | 8,000.00 | 4,361.40 | 8,000.00 | 0.00 |
| 250-728-880.000 | COMMUNITY PROMOTION | 5,500.00 | 16,500.00 | 16,500.00 | 6,500.00 | 16,500.00 | 0.00 |
| 250-728-883.000 | COMMUNITY IMPROVEMENT GRANTS | 0.00 | 40,000.00 | 40,000.00 | 0.00 | 40,000.00 | 0.00 |
| 250-728-900.000 | PRINTING & PUBLISHING | 0.00 | 500.00 | 500.00 | 0.00 | 500.00 | 0.00 |
| 250-728-957.300 | MEMBERSHIP & DUES | 375.00 | 500.00 | 500.00 | 75.00 | 500.00 | 0.00 |
| 250-728-967.400 | STREET/ROAD PROJECTS | 0.00 | 50,000.00 | 50,000.00 | 100.00 | 1,000.00 | (49,000.00) |
| | *Reduced Budget for plan development for storm drainage, sidewalks, etc from Remus Rd to Bridge on Lincoln moving to fiscal year 2025 | | | | | | |
| 250-728-967.500 | SIDEWALK/PATHWAY PROJECTS | 0.00 | 175,000.00 | 175,000.00 | 11,125.00 | 20,000.00 | (155,000.00) |
| | *Reduced Budget for sidewalks on Bradley St North from Remus Rd to the Middle School moving to fiscal year 2025 | | | | | | |
| 250-728-974.204 | LAND IMPRVMENTS-REMUS RD RIGHT OF WAY | 0.00 | 50,000.00 | 50,000.00 | 0.00 | 0.00 | (50,000.00) |
| | *Reduced Budget for planning streetlighting/streetscape improvements moving to fiscal year 2025 | | | | | | |
| Total Dept 728 - ECONOMIC DEVELOPMENT | | 12,745.23 | 353,800.00 | 353,800.00 | 25,453.90 | 99,800.00 | (254,000.00) |
| TOTAL EXPENDITURES | | 78,511.14 | 419,800.00 | 419,800.00 | 95,111.25 | 169,400.00 | (250,400.00) |
| TOTAL REVENUES | | 454,886.45 | 486,650.00 | 486,650.00 | 480,122.32 | 491,150.00 | 4,500.00 |
| TOTAL EXPENDITURES | | 78,511.14 | 419,800.00 | 419,800.00 | 95,111.25 | 169,400.00 | (250,400.00) |
| NET OF REVENUES & EXPENDITURES | | 376,375.31 | 66,850.00 | 66,850.00 | 385,011.07 | 321,750.00 | 254,900.00 |
| BEGINNING FUND BALANCE | | 830,972.77 | 1,207,348.08 | 1,207,348.08 | 1,207,348.08 | 1,207,348.08 | |
| ENDING FUND BALANCE | | 1,207,348.08 | 1,274,198.08 | 1,274,198.08 | 1,592,359.15 | 1,529,098.08 | |