



**This meeting will be held in person
In Public Meeting Room A
Delta Administration Building
7710 West Saginaw Highway
Lansing, MI 48917**

**TOWNSHIP BOARD REGULAR MEETING
AGENDA**

Monday, December 19, 2022 - 6:00 PM

This meeting will be streamed live for viewing only at:

<https://us02web.zoom.us/j/86950415075?pwd=T2VuL0ZDMUtCYzhicURYejVWeGUzQT09>

Meeting ID: 869 5041 5075

Passcode: 359252

**For the hearing impaired, please call 711 (TTY Support) to access the FCC's phone relaying service
and provide the following phone number 1-312-626-6799.**

Please note all public comments must be made in person.

- I. CALL TO ORDER**
- II. OPENING CEREMONIES**
- III. ROLL CALL** – Members: Supervisor Kenneth R. Fletcher, Clerk Mary R. Clark, Treasurer Dennis R. Fedewa, Trustee Elizabeth (Beth) S. Bowen, Trustee Fonda J. Brewer, Trustee Andrea M. Cascarilla, and Trustee Karen J. Mojica
- IV. PRESENTATIONS AND PROCLAMATIONS**
 - 1. [MLK Day Proclamation](#)**
- V. SET/ADJUST AGENDA**
- VI. PUBLIC HEARINGS** - Members of the public at the meeting shall not speak unless recognized by the chair. Members of the public shall be limited to speaking for a maximum of three (3) minutes during a public hearing. Prior to speaking, members of the public must also identify themselves with their name and address.
 - 2. [Parks and Recreation Master Plan Public Hearing](#)**
- VII. COMMUNICATIONS**
 - 3. [WRRF Update](#)**
 - 4. [Eaton County Drain Office Belaire Hills Drain Notification of At-Large Assement](#)**
- VIII. PUBLIC COMMENTS (maximum three minutes)**
- IX. INTRODUCTION OF ORDINANCES**
- X. PASSAGE OF ORDINANCES**
- XI. CONSENT AGENDA** – Anyone may request item(s) to be pulled from the consent agenda for discussion. If left on the consent agenda, the items will be voted on by a roll call vote of the Board en masse. Then, the individual item(s) will be discussed and voted upon.

5. Bills and Financial Transactions

- a. **\$ 2,953,299.49**

6. Minutes

- a. **December 5, 2022**
b. **December 12, 2022**

7. Purchase of office furniture for new WRRF Control Building

The Utility Department recommends that the Delta Township Board approve the purchase of office furniture for the new WRRF Control Building from DBI through MiDeal in the amount of \$72,446.03.

8. Purchase of Audio/Visual Equipment for New WRRF Control Building

The Utility Department recommends that the Delta Township Board approve the purchase of audio/visual equipment for the new WRRF Control Building from Smart Solutions through MiDeal in the amount of \$29,188.71.

9. Case No. LS-22-4 Lot Split Request for 3140 & 3140 Ingersoll Rd Parcel Nos. 040-050-505-341-00 & 040-050-505-351-00, Section 3

The Planning Department recommends that the Delta Township Board Delta Township Board approve the lot split described in Case No. LS-22-4, involving, 3144 Ingersoll Rd (040-050-505-351-00) and 3140 Ingersoll Rd (040-050-505-341-00)

10. Updates to MERS Documents due to new Fire Contract

The Manager's Office and Accounting Department recommends that the Delta Township Board approves the MERS Defined Benefit Plan Adoption Agreement and the Resolution for Adopting Act No. 88

11. Budget Adjustment

The Manager's Office and Accounting Department recommends that the Delta Township Board amend the 2022 General Fund and Ambulance Fund budgets by approving the changes to the revenue and expenditure accounts per the attached summary.

XII. ITEMS REMOVED FROM CONSENT AGENDA FOR DISCUSSION

XIII. ITEMS ADDED TO AGENDA UNDER SECTION V. SET/ADJUST AGENDA

XIV. OLD ITEMS OF BUSINESS

XV. NEW ITEMS OF BUSINESS

12. Final Consideration of Rezoning Request in Case No. 10-21-16

The Planning Department recommends that the Delta Township Board approve Case No. 10-21-16 for the proposed rezoning of parcels 040-050-505-341-00 & 040-050-505-351-00 from AG2-Agricultural/Residential to I-Industrial.

13. Delta Market Drive Sanitary Sewer Lift Station Service Area Master Planning Proposal for Professional Services

The Engineering Department recommends that the Delta Township Board approve the proposal from OHM Advisors to complete the Sewer Master Plan for the Delta Market Drive Sanitary Sewer Lift Station Service Area.

XVI. MANAGER'S REPORT

XVII. COMMITTEE OF THE WHOLE

14. 2022 Municipal Water Well Plugging Project Completion

XVIII. CLOSED SESSION

XIX. PUBLIC COMMENTS (maximum three minutes)

XX. ADJOURNMENT

CHARTER TOWNSHIP OF DELTA

MARY R. CLARK, TOWNSHIP CLERK
Phone (517) 323-8500

Individuals with disabilities attending Township meetings or hearings and requiring auxiliary aids or services should contact Township Manager and ADA Coordinator Brian T. Reed by email at manager@deltami.gov or calling (517) 323-8590 to inform him of the date of the meeting or hearing that will be attended. Copies of minutes may be purchased or viewed in the Clerk's Office from 8 a.m. to 5 p.m., Monday through Friday.



Kenneth R. Fletcher
Supervisor



Mary R. Clark
Clerk



Dennis R. Fedewa
Treasurer



Elizabeth S. Bowen
Trustee



Fonda J. Brewer
Trustee



Andrea M. Cascarilla
Trustee



Karen J. Mojica
Trustee



DELTA TOWNSHIP

CHARTER TOWNSHIP OF DELTA PROCLAMATION HONORING DR. MARTIN LUTHER KING, JR.

WHEREAS, FOR 2023 THE GREATER LANSING AREA MARTIN LUTHER KING, JR. HOLIDAY COMMISSION HAS ADOPTED THE THEME OF "NOW IS THE TIME TO LIFT OUR NATION FROM THE QUICKSANDS OF RACIAL INJUSTICE TO THE SOLID ROCK OF BROTHERHOOD." FOR ITS ANNUAL DAY OF CELEBRATION ON JANUARY 16, 2023; AND

WHEREAS, DR. MARTIN LUTHER KING, JR., AN AMERICAN CLERGYMAN AND PROMINENT ACTIVIST, LED THIS NATION IN A NONVIOLENT CIVIL RIGHTS CRUSADE DURING THE 1950'S AND 1960'S TO OBTAIN SOCIAL, POLITICAL, AND ECONOMIC EQUALITY FOR AFRICAN-AMERICANS AND ALL OPPRESSED PEOPLES; AND

WHEREAS, DR. KING'S COURAGEOUS LEADERSHIP, SERVICE, AND CLARITY OF VISION CHANGED OUR NATION FOREVER; AND

WHEREAS, DUE TO THE EFFORTS OF MANY DEDICATED PEOPLE WHO BELIEVE DR. KING DESERVES NATIONAL RECOGNITION, THE THIRD MONDAY IN JANUARY IS NATIONALLY RECOGNIZED AS A DAY TO REMEMBER DR. KING, HIS LEGACY, AND THE CAUSES FOR WHICH HE SO GALLANTLY FOUGHT AND DIED; AND

WHEREAS, DR. KING'S LIFE WILL ALWAYS SHINE AS A LIGHT FOR THOSE WITHOUT HOPE AND AS AN EXAMPLE TO BE EMULATED BY ALL WHO CARE ABOUT THEIR FELLOW HUMAN BEINGS, REGARDLESS OF RACE, RELIGION, CLASS OR NATIONALITY; AND

NOW THEREFORE, BE IT HEREBY RESOLVED THAT ON THIS NINETEENTH DAY OF DECEMBER TWO-THOUSAND TWENTY-TWO THE DELTA TOWNSHIP BOARD HEREBY HONORS THE MEMORY OF DR. MARTIN LUTHER KING, JR. IN APPRECIATION OF THE MANY ACCOMPLISHMENTS HE MADE.

BE IT FURTHER RESOLVED,
THAT THE DELTA TOWNSHIP BOARD
ENCOURAGES ALL RESIDENTS TO
CELEBRATE AND PROMOTE DR. KING'S
VALUES OF RICH CULTURAL AND ETHNIC
DIVERSITY AND CONTINUE TO WORK
FOR THE DAY WHEN THE DIGNITY AND
HUMANITY OF EVERY PERSON IS RESPECTED.

Kenneth R. Fletcher Mary R. Clark
Dennis R. Fedewa Fonda J. Brewer
Andrea M. Cascarilla
Beth S. Bowen Karen J. Mojica





TO: Supervisor Kenneth R. Fletcher and the Township Board

FROM: Marcus Kirkpatrick
Parks, Recreation & Cemeteries Director

DATE: December 13, 2022

SUBJECT: Public Hearing for Adoption of Parks & Recreation Master Plan

At the December 5, 2022, Board of Directors Meeting, the board to set a public hearing for the 2023-2027 Parks Master Plan on December 19, 2022; and further that the Township Clerk shall advertise said public hearing.

History:

December 6, 2022 - The Parks Master Plan draft was made available for the required 30-day public review process. This process is coming to an end soon and final revisions will be made.

December 9, 2022 - The Township Clerk issued the notice for the public hearing to approve the proposed 2023-2027 Parks and Recreation Master Plan. The notices were issued to the Lansing State Journal. A copy of the Plan was made available for public review on the Delta Township website at www.deltami.gov or a copy could be viewed at the Delta Township Parks & Recreation Department and the Delta Enrichment Center.

Comments or questions regarding the Plan were asked to be directed to Marcus Kirkpatrick at the Delta Township Parks and Recreation Department at 517-323-8555 or mkirkpatrick@deltami.gov. It was also noted that barrier-free access to the Delta Administration Building was available at the southwest entrance. Individuals with disabilities requiring auxiliary aids or services who are planning to attend Township meetings or hearings were encouraged to contact the Clerk's Office by writing or calling 517-323-8500, in advance to inform the date of meeting/hearing that will be attended.

December 19, 2022 – Public Hearing to take place at the Board of Trustees Meeting.

Future:

January 6, 2023 – The 30-day public review of the Parks Master Plan ended.

January 9, 2023 – Revisions, as needed, were made to the Parks Master Plan.

January 16, 2023 – Parks Master Plan will be submitted to the board for adoption.

January 27, 2023 – Final revisions and documentation will be completed.

January 30, 2023 – Parks Master Plan will be uploaded to the Michigan Department of Natural Resources/



DELTA
TOWNSHIP



2023 Parks and Recreation Master Plan

A great place to live, work, and play!

Acknowledgments

The Delta Charter Township Parks and Recreation Master Plan was a cooperative effort by Delta Charter Township, the Township Parks and Recreation Department, the Township Park, Recreation, and Cemeteries Commission, the Township Board, and the Citizens of Delta Township.

Township Board

Kenneth R. Fletcher, Supervisor
Mary R. Clark, Clerk
Dennis R. Fedewa, Treasurer
Elizabeth S. Bowen, Trustee
Fonda J. Brewer, Trustee
Andrea M. Cascarilla, Trustee
Karen J. Mojica, Trustee

Administration

Brian T. Reed, Township Manager

Parks, Recreation, and Cemeteries Department

Marcus Kirkpatrick, Director
Kathy Sobczyk, Placemaking & Special Events Coordinator
Lee Miller, Recreation Administrator
Alex Zegarzewski, Recreation Specialist
Vacant, Department Assistant
Pat Schieding, Facilities Maintenance Supervisor
Tammy Opdyke, Senior Activities Coordinator
Vacant, Senior / Aquatics Assistant
Damon Robertson, Aquatics Coordinator

Park and Recreation Commission

Paul Kelsey, Chairperson
Lonnie Lee, Vice Chairperson
Mary Kwas, Treasurer
Aaron Keel
Antonia Kraus
Carmen Turner
Robert Weldon

Consultant:

VIRIDIS Design Group



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Operating Budget

Documents from Public Hearings and Public Meetings

Community Survey Results

Post Completion Self-Inspection Reports

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Introduction

Parks, Recreation, and Open Space are important elements of all communities and provide many recreational, social, and environmental benefits that contribute to a high quality of life. Delta Township has recognized the importance of proper recreation planning and has chosen to take an active role in the delivery of recreational opportunities by developing the Parks and Recreation Master Plan. Recreation planning is an exercise engaged by local governments to anticipate change, and to promote the development and expansion of recreational facilities and services for the benefit of its community. Parks and recreation facilities provide many benefits to the community and the natural environment. Parks provide people with a place to gather, be active, socialize, and connect with the environment and community. Green infrastructure also enhances the livability of a community by increasing property values and

connecting the community. Having the ability to recreate has also been shown to improve the quality of life by contributing to overall mental and physical health and reducing obesity brought on by inactivity. As the community continues to grow and change over time, the Township continues to dedicate themselves to improving recreational offerings for its citizens. This plan represents the culmination of the planning efforts of the community and local officials; and reflects the Township's desire to blend the available recreational resources and activities with the environmental and cultural elements of the community.

PLAN PURPOSE

The 2023 Parks and Recreation Master Plan is a guide for the future development of recreation facilities in Delta Township. It is an adaptive tool to help the Parks Department prioritize future park improvements in a way that elevates the

role of the parks and recreation system in the daily lives of all Delta Township residents in the years to come. Driven by community priorities and the mission of the Township, the Parks and Recreation Master Plan will serve as a guiding document for policy decisions, prioritizing and balancing demands and opportunities, and providing a framework for evaluating future land acquisitions, park improvements, and recreation programs.

The plan also provides recommendations for park facilities, programs, and services; maintenance operations; administration and management; and capital improvements. The Township recognizes the significant role that recreation plays in providing a high quality of life and improved physical health of its citizens. This appreciation has been manifested in this effort to update the Parks and Recreation Master Plan with the hopes of improving local park systems and public trails, promoting the preservation of natural areas, and establishing a strong commitment to strengthening a sense of community. This plan provides the data and direction to ensure that parks and recreation offerings are aligned with the community needs and values. The plan addresses current recreation issues and identifies and prioritizes future needs of the community and the means for meeting those needs over the upcoming five-year period.

In addition, the Open Space Plan aligns with the statewide planning process. Every five years the Township is required to submit a master plan to the State of Michigan Department of Natural Resources (MDNR) to become eligible for recreation grant funding. The planning process incorporated community feedback toward the development of all MDNR plan components and was submitted to the State in February 2023.

PLAN SCOPE

The scope of this plan includes suggestions for the management, improvement, and expansion



of the recreation system within Delta Township. The plan also considers recreational facilities within the county and neighboring townships that are available to citizens of the Delta Township community.

Key planning issues are identified, a clear set of goals and objectives are outlined, and specific implementation strategies are identified. The scope will include all of the Township's recreation facilities, undeveloped open space, trail systems, and recreational programming. The area of the planning effort is essentially limited to the Township boundaries. However, consideration is also made of regional facilities that influence use patterns. The use of Township facilities by residents living in the surrounding communities, which may have limited recreation facilities of their own, is also a consideration of the planning process. In terms of an implementation time-line, the Action Program section of this document covers development over the next five years.

TOWNSHIP WIDE COORDINATION

The Parks and Recreation Master Plan comes during a time of multiple township-wide planning efforts that invest in community health and equitable access to natural resources. Key ideas from the plan build on and reinforce investment in connectivity improvements and preservation of natural areas. The Parks and Recreation Master Plan builds upon the following recent township-wide planning efforts that have

established a strong framework for the future of Deltas' public realm:

2022 Capital Improvement Plan

In 2021 the Township developed the 2022-2027 Capital Improvement Plan (CIP), a 6-year community plan focusing on projects that represent continued investment in the Delta community to help enhance the local economy and improve the quality of life for residents of Delta Township. Of the many projects established in the CIP, several align with the Parks and Recreation Plan including sidewalks and non-motorized facilities, restroom building at Delta Mills Park, baseball fields at Mt Hope Park, and a perimeter pathway at Mt Hope Park.

2021 Strategic Plan

The Strategic Plan articulates strategic goals that provide focus in providing exceptional services, improving the quality of life for township residents, and enhancing the uniqueness of the Delta community. The plan includes objectives related to parks and recreation that include continued improvements to parks and non-motorized facilities, expansion of community events, public art, infrastructure improvements, and branding.

2020 Building and Site Assessment

The Township performed a condition evaluation and assessment of a number of community facilities in order to understand and plan for potential renovations, upgrades, and replacements that may be needed to some of the aging facilities. This assessment included park facilities such as the Drolett Community Center, the Enrichment Center, and the Parks and Recreation maintenance building and storage building. The study provided recommendations and potential costs for improvements to these park facilities which may be incorporated in to this plan's action plan.

2019 Placemaking Strategic Plan

In collaboration with the Greater Lansing Arts Council, the township engaged in an engagement process through the CREATE PLACE program to identify future placemaking opportunities using the arts as a driver of community and economic development. The Delta Township Placemaking Committee and community stakeholders developed a list of projects and implementation strategies that could revitalize, invigorate, and activate public spaces in creative ways. The projects discussed align with the Parks and Recreation Plan including a farmer's market, concerts and festivals, public art such as murals, and winter festivals.

2018 Non-Motorized Transportation Plan

The Township recognized the need to provide the community with non-motorized connections and opportunities for social engagement, exercise, and mobility that provides benefits to quality of life and economic development. The Non-Motorized Transportation Plan was developed to plan for safe routes within the Township to connect neighborhoods, schools, parks, and shopping districts. The plan also provides priority routes, implementation strategies, and funding sources. The plan reinforces the Township's commitment to enhance the safety, access, convenience and comfort of all users of all ages and abilities through design, implementation, and maintenance of a non-motorized transportation network.

2013 Comprehensive Plan

The Township's Comprehensive Plan was updated in 2013 and focuses on issues on which township policy can have a direct impact such as land use, economic development, zoning, and other quality of life aspects. The plan responds to the current and future needs of the township, and outlines the community's vision for the future of Delta. The Parks and Recreation Plan will complement the Comprehensive plan for how township leaders approach public green space.

THRIVING PARK SYSTEM

The 2023 Parks and Recreation Master Plan considers all aspects of the previous 2018 plan update including physical assets and community needs within Delta. Many elements and goals of the 2018 plan remain relevant when considering improvements to today's park system and community. This updated plan maintains and expands upon these components where appropriate. The previous plan documented conditions and trends at the time and contained many ideas for improvements; some of which have been realized. The following identifies changes to the park system since the previous update:

Mount Hope Park

- Park development – utilities and parking
- 2 youth baseball/softball fields
- Multi-use sports fields
- Playscape w/ADA features
- Picnic Shelter
- Restrooms w/concessions
- 1.4 miles of paved pathway
- Install bike fix station (2022)
- 2 more ballfields completed by 2023
- 1.5 miles of paved pathway completed by 2023

Sharp Park

- Outdoor Exercise Equipment
- Library Story Walk
- Grant to demolish and replace existing picnic shelter (2024)
- Grant to build new restrooms next to new shelter (2024)

Delta Mills Park

- New restroom facility
- ½ mile paved pathway thru park which connects to Hunter's Orchard Park
- ADA & able-bodied paddle boat launches
- Fishing dock
- Small playground and new basketball court
- Cricket pitch to be completed summer 2022

Hunter's Orchard Park

- Grant to complete paving of all trails. ~ 1.8 miles (2023)

Hawk Meadow Park

- Grant to complete paving of ~ 1.75 miles of trail (2023)

West Willow Canoe Launch

- Develop new park, paved parking lot and sidewalks
- ADA & able-bodied paddle boat launches
- Small picnic/observation area
- Pollinator garden

Pathways

- East – West Pathway - Install 2 bike fix stations
- Added 6.25 miles of bike lanes
- Completion of the Waverly Road Pathway



COVID-19: A GLOBAL PANDEMIC

It is important to acknowledge that this plan update comes on the heels of a global pandemic which has impacted local park usage as well as the rise in awareness about the importance of public space. On January 21, 2020, the first documented case of SARS-CoV-2 was confirmed in the United States, and on March 10, 2020, the state of Michigan declared an emergency upon confirming the state's first two cases of coronavirus. Michigan schools were closed by executive order on March 12, 2020 and a state-wide stay-at-home order was issued by Governor Whitmer on March 23, 2020. Public and private gatherings outside of family homes were banned, businesses temporarily closed, people worked from home, and other than going to grocery stores or seeking medical treatment, most Michiganders stayed home (except essential workers).

As the world seemed to shut down, community residents rediscovered the idea of parks and trails for activity and entertainment. The pandemic thus reminded us of something that has been true all along: parks and trails are essential to the health and wellbeing of people and communities. As neighborhood hubs, parks are part of a larger solution to community wellbeing, bringing a deeper resilience that not only helps us make it through COVID-19 but enables us to thrive after.

Park Usage During Covid

As residents continue to navigate new social norms during the pandemic, parks have become a place to maintain a sense of normalcy. Local and state park agencies reported a large increase in visitation, on average a 30% increase, as people ventured outside to play golf and flood parks and recreational centers. Delta Township also saw a significant rise in park use during this time. Being in outdoor environments made it easier to follow CDC guidelines of keeping 6-feet of distance from others, which minimizes the chance of contracting COVID-19.

In addition, keeping the outdoors accessible to the public during the lock down also had major impacts on both mental and physical health. Spending time in nature has been proven to combat depression, calm anxiety, increase generosity and empathy, and decrease negative thoughts.

Delta Township Response to Covid

Although the parks in the township were not officially closed, the playgrounds were closed off with caution tape. Delta residents could engage in outdoor activities such as walking, hiking, running, cycling, or other recreational activities consistent with remaining at least six feet from people.

The township did endure a loss in revenue from canceled programs and facility rentals. Although the exact amount of revenue loss for programs was not calculated, the Township did process approximately \$25,000 in refunds for booked facility rentals in 2020-21, and another \$9,000-\$12,000 loss for potential rentals early 2021. The Township was also not able to hire seasonal staff who would normally maintain the parks from spring-fall and therefore all of the full-time staff spent many hours doing park maintenance and landscape work. In addition, the township spent a large amount of budgeted dollars purchasing masks, sanitizers, cleaning materials, and clear shields.



When the stay-in-place mandate was lifted in June 2020, the playgrounds were reopened. Beginning in July 2020, the Township began to hold outdoor exercise classes which became very popular in the fall of 2020. Classes such as Youth Dance, Yoga, Zumba, Pilates, and more were held outside and many of those classes continue today in the summer months. Also, beginning in May 2020, the Township held free virtual youth dance classes. Multiple other fitness classes were held virtually beginning in fall of 2020. In November of 2020, small indoor groups were allowed back indoors for class. Virtual classes and hybrid classes (combined in-person and virtual) were held until March 2021. The township's largest event, the fireworks show, were canceled in both 2020 and 2021, but resumed in 2022.



Community Description

PLAN JURISDICTION

This section is intended to describe the jurisdiction and focus of the master plan, provide a brief overview of the community, and identify important community based factors that should be considered in parks and recreational planning. This Master Plan has been prepared to serve Delta Township and focuses on all aspects of the Township's parks and recreation facilities and programs. Recreational facilities and programs that serve adjacent communities have also been considered and incorporated into this planning document. The plan is intended to contribute to the quality of life for the residents and visitors of the Delta community, but also provide recreational experiences to the residents in adjacent communities within the county.

REGIONAL SETTING

Delta Township is located in central lower Michigan in the northeastern corner of Eaton County. The Township's northern and eastern borders are shared with the counties of Clinton and Ingham respectively. Delta Township is bordered by Watertown Township and the City of DeWitt to the North, Oneida Township and the City of Grand Ledge to the West, Windsor Township and the City of Dimondale to the South and Lansing Township and the City of Lansing to the East. Delta Township is approximately 36 square miles and located on the west side of the Capital Area Region. The Township is the fourth largest municipality in the Lansing/East Lansing metropolitan area and its eastern border is approximately 1.5 miles from the Michigan State Capital. The location map shown on page 8 (Figure 2.1) shows the relationship of the Township to neighboring communities.

Delta Township was first surveyed and platted in 1827 by Musgrove Evans and settlement of the Township began. The first settlers arrived in 1835 when Erastus and Sally Ingersoll purchased and settled on 800 acres of land that was named "Delta Mills", and was the site of the first sawmill in 1836. In 1841 a plat was laid out for Delta Mills extending from the Grand River northward into what is now Watertown Township and was given the name "Grand River City". The Michigan Legislature organized the Township in 1842 and by the 1880s the area was mainly supported by farming, grist and sawmills, and several mechanic shops.

Delta Township was incorporated as a charter township in 1962 by a special election and contains four unincorporated areas that includes Delta Center, Delta Mills, Millett, and Waverly.

Delta Center is located in the center of the Township near Canal Rd and St. Joseph Highway, and is the site of the first Township Hall which was erected in the 1870s.

Delta Mills is located on the Grand River between the cities of Grand Ledge on the west side and Lansing on the east side. This was one of the original communities within the Township and got its name from the grist mill located there.

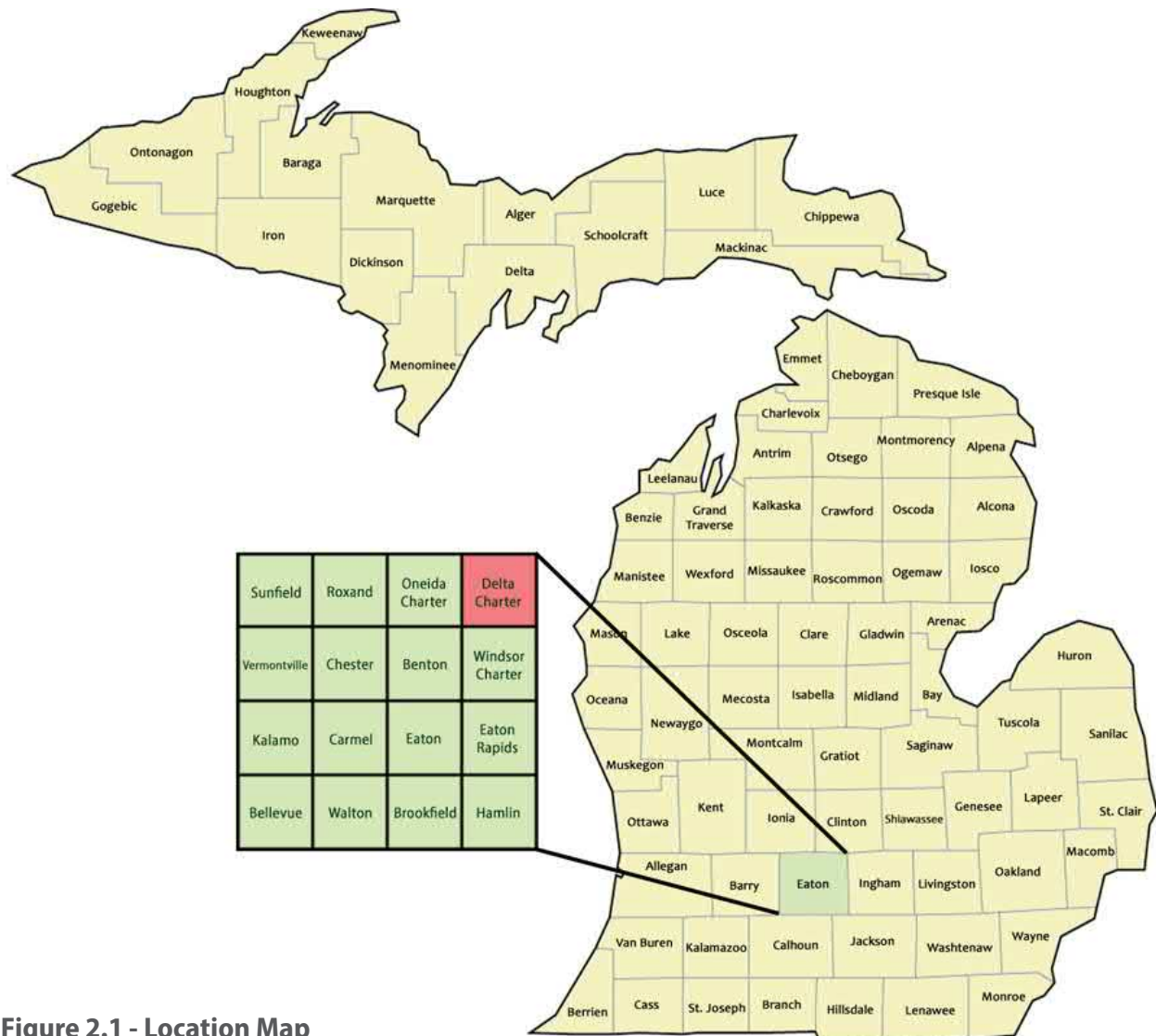


Figure 2.1 - Location Map

Millett (originally Millett's Station) is located in the southwest corner of the township along Lansing Rd, east of Creyts Rd and west of Waverly Rd. The area was originally platted in 1874 and includes the old Millett School building, the former Grand Trunk Western Millett railroad depot, and the Woldumar Nature Center.

Waverly is a census-designated place used for statistical purposes but has no status as a municipality.

Physical Characteristics

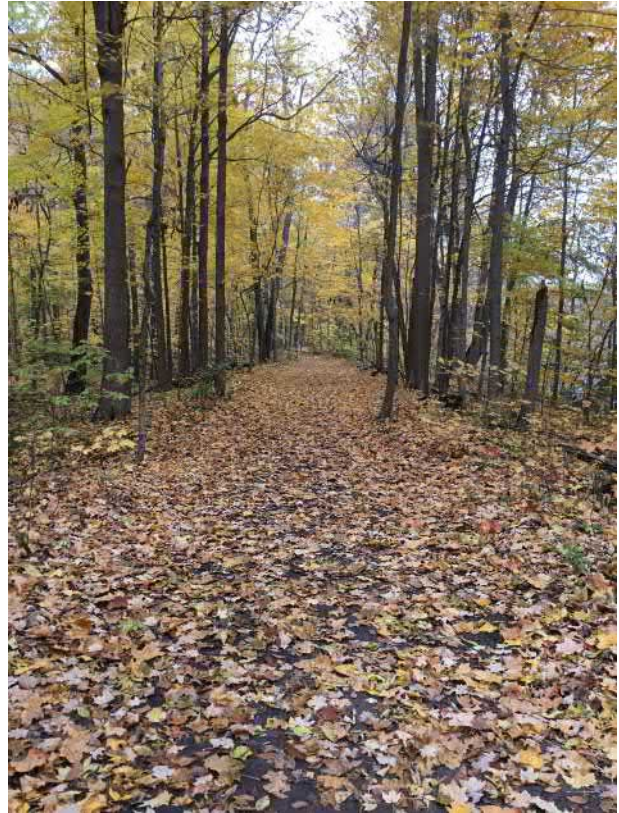
The topography in the Township is generally flat with little change in elevation, except for areas that lie along the Grand River. The highest point in the Township is 890 feet above sea level near the Creyts Road/Lansing Road intersection. The lowest point in the Township is 800 feet where the northern course of the Grand River exits the western edge of the Township. The Township contains an extensive system of county drains that are under the jurisdiction of the Eaton County Drain Commissioner.

Climatology

Lake Michigan has a significant influence on the climate of the Township. The lake temperature, together with the prevailing westerly winds, moderates seasonal temperature extremes including lake effect snow. Delta Township gets some kind of precipitation, on average, 133 days per year and gets 34 inches of rain, and 47 inches of snow, on average, per year. Delta Township is considered to have a low humid continental climate based on its seasonal precipitation and temperature patterns (warm summers and cold winters).

Soils

The majority of soils in the Township are loam except for soils associated with wetlands. The primary soils types in Delta Township are part of the Marlette-Capac and the Marlette-Capac-Owosso associations. The Marlett-Capac



association include soils that are classified as nearly level to gently undulating, well drained to somewhat poorly drained loamy soils on till plains. These soils are found in much of the western and central area of the Township. The Marlette-Capac-Owosso association include soils that are nearly level to hilly, well drained to somewhat poorly drained, loamy soils on moraines and till plains. These soils are found in the eastern and northern areas of the Township.

The Houghton-Gilford-Adrian and Capac-Parkhill soil classifications make up the balance of the soils in the Township. The Houghton-Gilford-Adrian association is identified as nearly level, very poor drained, mucky, loamy soils in glacial drainage areas and is most conducive to agricultural activities. The Capac-Parkhill association are nearly level, poorly drained loamy soils on till plains and low moraines.

Vegetation

The majority of the forested land is along the Grand River. In the "Potential Conservation

Area Assessment” completed by the Michigan Natural Features Inventory for the Tri-County Regional Planning Commission, they identified several areas in Delta Township as medium to high priority conservation areas. In the northeast quadrant of the Park, the Audubon Society Property along the Grand River on Delta River Drive and Carrier Creek; in the southeast quadrant of the township they identified Woldumar Nature Center, Anderson Park and several spots along the Carrier Creek; in the southwest quadrant they recognized the GM Plant nature preserve and land near Royston and Nixon Road; and in the native vegetation that have various levels of harboring high quality natural areas and unique natural features.” They may also provide beneficial features such as water quality benefits and wildlife corridors. There are not many forested areas remaining in Delta Township and they are mostly associated with parks, land along the Grand River and the areas identified above.

Water and Wildlife Resources

Delta Township, located in the Grand River Watershed, has over 400 acres of ponds, rivers and streams within its boundaries with the principal water feature being the Grand River. The Grand River occupies approximately 348 acres and stretches more than 10 miles in the northern and southern portions of the Township. Other water features in the Township include the Miller and Carrier Creeks which are both

tributaries of the Grand River. The Grand River runs through the northern portion and southeast corner of the Township, Carrier Creek runs south to north on the east side of the Township and Miller Creek runs to the north on the west side of the Township. Carrier Creek, a small urban tributary of the Grand River, is a designated County Drain that is 3.8 miles long and is a drainage watershed that covers approximately 11.1 square miles. Wetland areas are found in the Township, often adjacent to the Grand River and its tributaries. Lake Delta is a 40 acre man-made lake located in Lake Delta Park.

Wetlands, waterways, and small and large land holdings provide valuable habitat that benefit fish and other wildlife and provide a multitude of ecological, economic and social benefits. The contiguous green space created from the proximity of several park areas in the Township as well as the rivers provide key wildlife corridors in the Township. A particularly significant area is the combined acreage of Anderson Park, Woldumar Nature Center (private) and Fine Park and Fulton Park (City of Lansing) which represents a 368 acre wildlife corridor along the Grand River in the southeast corner of the Township. The abundant water resources provide fishing opportunities as well as wildlife habitat. Wildlife ranges from small rodents to wild turkeys, fox, deer, cranes and other birds.



Grand River

The Grand River is the longest river in Michigan running 252 miles from its headwaters in Hillsdale County on the southern border north to Lansing and west to its mouth at Grand Haven on Lake Michigan. The Grand River is the largest body of water in Delta Township at approximately 343 acres. The Grand River traverses more than 10 miles along the northern portion of the Township as well as along the southeastern corner of the Township. Both Miller Creek and Carrier Creek flow into the Grand River.

Transportation

Three major Interstate Highways pass through Delta Charter Township and include Interstate 69 (I-69), I-96, and I-496. The southern portion of Delta Township is situated at the junction of I-69 and I-96, providing access to Battle Creek and Kalamazoo to the southwest via I-69, Metro Detroit to the east and Grand Rapids to the northwest via I-96. Interstate 96 connects with I-496 providing easy access to Downtown Lansing to the east of the Township. Interstate 496 provides access to U.S.-127 to the south toward Jackson. The cities of Grand Rapids, Kalamazoo and Detroit are all within a 90 minute drive of Delta Township. Saginaw Highway (M-43), is the main commercial thoroughfare in the township running in an east to west direction for the length of the Township.

Eaton County Transportation Authority (EATTRAN) and the Capital Area Transportation Authority (CATA) both provide public transportation services to the area. The CATA buses run to shopping centers. EATTRAN is a dial to ride service. There are also non-motorized transportation routes in the Township including on-street bike lanes, shared use paths, and sidewalks.

Class one rail freight service is provided by Canadian National Railway (CN), operating out of a rail yard along Snow Road, Mt. Hope Highway and Lansing Road. The yard northwest quadrant they noted Lootens Park and property along the Grand River. Potential conservation areas are defined as “places on the landscape dominated by mainly handles automobile, coal, grain, and lumber loads for local industries.



SOCIOECONOMIC CHARACTERISTICS

The review of trends in population growth is helpful in developing an understanding of the Township's recreational needs. Also reviewing other demographic indicators such as age, education, income, and employment trends can assist in determining the type of recreational facilities that may be needed or desired and will allow facilities and programs to keep pace with demand.

Population Trends

Demographic information was gathered from the 2020 US Decennial Census. As of 2020, Delta Township has a population of 33,119 making it the most populous municipality in Eaton County. The Township has experienced a higher rate of growth over the past two decades than most of the other municipalities in the region as well as the State of Michigan with a 11.5% increase since the 2000 Census. However, the Township has seen a much lower growth rate in the last ten years compared to previous decades. Table 2.1 delineates population growth in the Township over the last 40 years.

Year	Population	# Change	% Change
1980	23,822	-	-
1990	26,129	2,307	9.7%
2000	29,682	3,553	13.6%
2010	32,408	2,726	9.2%
2020	33,119	711	2.2%

To put the Township's rate of growth into perspective, it is important to compare growth comparisons with adjacent communities. This is useful in attempting to forecast areas of future growth in the area as well as future demands on the Township's park system. Table 2.2 illustrates population growth comparisons with adjacent communities as well as the County and State. The table shows that, with the exception of Watertown Township, the growth rate in Delta Township has been generally strong in comparison to adjacent communities including Lansing, as well as the county and state. As the population continues to grow in Delta, as well as in adjacent communities, the Parks Department is faced with the challenge of providing additional park facilities to keep up with the growth trends. Strategic acquisition of park land and continued enhancement of current parks and trails should continue to be a focus.

Community	2000 Population	2010 Population	2020 Population	% Change 2000-2020
Delta Twp	29,682	32,408	33,119	11.6%
Oneida Twp	3,703	3,865	3,908	5.5%
Watertown Twp	4,162	4,836	5,563	33.6%
Windsor Twp	7,340	6,838	7,140	-2.7%
City of Lansing	119,128	114,297	112,644	-5.4%
Eaton County	103,655	107,759	109,175	5.3%
State of Michigan	9,938,444	9,883,640	10,077,331	1.4%

Age

The median age of the Township is 42.7, which is 3.8% older than the County as a whole (41.1) and 8.1% older than the State of Michigan (39.5). The median age represents the mid-point in the range of all ages within the Township. Understanding the age demographics is useful in identifying the type of recreational facilities that may be needed, desired, or over provided. For example, a younger population may desire more active types of facilities while an aging population may desire more passive types of facilities. Table 2.3 illustrates the breakdown of population based on age (based on 2020 census).

Table 2.3 Population by Age - Data Source: U.S. Census Bureau		
Age	Persons	Percentage
Female	17,387	52.5
Male	15,732	47.5
Under 18	5,564	16.8
18 and Over	27,555	83.2
18-24	2,749	8.3
25-34	5,100	15.4
35-49	5,630	17
50-64	7,088	21.4
65 and over	6,988	21.1

A strong pattern for family oriented recreation is reflected in the age distribution with 1/3rd (32.4%) of the population in the 25-49 age group. Almost 17% of the population falls in the 18 and under age range, suggesting there may be some need for youth-oriented facilities. The highest population group, about 42.5% of the population falls in the 50 and older age group, suggesting the need for senior-oriented facilities. The 18-24 age group makes up the smallest portion of the population, likely due to lack of emerging professional job opportunities. The age distribution reflects a need for park and recreation facilities for young, active families, as well as accessible facilities for the aging population. The high percentage of the older

population is consistent with the nationwide increase to the aging population led by the Baby Boomer generation.

Persons with Disabilities

The proportion of the population with some type of disability should be considered when planning parks and recreational facilities and programs. The Americans with Disabilities Act of 1990 mandates that all public services, including park facilities, be barrier-free. As the population ages, the proportion with one or more disabilities generally increases, and this trend is consistent for the Township. Disabilities may include vision, cognitive, auditory, neurological, ambulatory, self care, and living independently difficulties. According to the U.S. Census data, it is estimated that in 2019 approximately 16.8% of Township residents live with a disability, with 84% of those individuals being 65 years and older. These figures indicate that, while the disabled population is modest, there still exists an important contingent of residents who rely on more accessible places to recreate.

Income

A successful parks and recreation system includes providing affordable recreational opportunities to the community. It is important to understand the availability of disposable income for recreation within the community as household incomes vary within the region. According to the U.S. Census Bureau, the estimated median household income level is \$71,802 for the Township. Table 2.4 illustrates the median household income of the Township compared to other nearby

Table 2.4 Median Household Income - Data Source: U.S. Census Bureau	
Delta Township	\$71,802
Oneida Township	\$85,817
Watertown Township	\$94,004
Windsor Township	\$79,861
City of Lansing	\$44,233
Eaton County	\$67,440

communities. The median income level in the Township is about 6.5% higher than that of the county (\$67,440) and about 21% higher than the State of Michigan. (\$59,234). In addition, the per capita income in the township is \$40,675 which is about 20% higher than the county (\$34,282) and about 25% higher than the State (\$32,854).

As shown in the table, income is lower in the Township compared to the adjacent Townships but higher than adjacent City of Lansing and the County. This level of income in the Township could make it possible to secure certain types of grants, but may not support the concept of a park millage.

Employment

Approximately 66% of Township residents are employed in a range of employment categories (*US Census*). The most common industries in Delta include: manufacturing, health care, agriculture, financial services, and retail service. The most common occupation groups, by number of people living in Delta, are management, sales, and office and administrative support. Major employers in the Township include General Motors', Farm Bureau Insurance, Auto Owners Insurance, and Blue Cross Blue Shield of Michigan. According to the US Census, the rate of unemployment in the Township is 3.6%. This low rate indicates the local economy is stable and that residents should be able to continue to fund the parks and recreation budget.

Approximately 80.5% of residents work within Eaton County and the average commute time is 18.1 minutes (*U.S. Census*). Given that approximately 88% of residents drive automobiles to work (*U.S. Census*), expanding the current network of trails, pedestrian walkways, and bicycle lanes may encourage residents to use alternative modes of transportation which in turn promotes a healthier lifestyle and high quality of life.

Land Use

The land use distribution and development pattern of a community is important when considering the geographic distribution of parks and recreational facilities because they should be placed where there are concentrations of residents and the related places of public gathering.

The predominant land uses in the Township are made up of residential and agriculture. The Township provides a variety of different housing opportunities based on both age and density. According to the U.S. Census data, there are a total of 15,839 housing units in the Township of which 96% are occupied and 63% is owner occupied. Single family structures make up 65% of housing units in the township with 34% multi-family units and 1% mobile homes. Numerous single-family neighborhoods are located throughout the township, with the largest concentrations located in the northwest and northeast sections of the township.

There is a large concentration of commercial uses in the north-central area of the township along West Saginaw and large tracts of industrial land in the southeast section of the Township. The majority of the agricultural uses are in the southwest section of the township and has seen a steady decline over the past decade as the land is converted to residential developments.





Administrative Structure

Delta Township operates under the Board/Manager form of government. The Board/Manager Plan is a system of local government that combines the political leadership of an elected Township Board with the professional managerial experience of the Township Manager.

In order to understand how park and recreation functions are administered in the Township, we must look at the administrative structure of the Township.

Delta Township Board

The Charter Township of Delta is governed by a seven (7) member board. Board members are elected every four years on the same cycle as the presidential elections. The seven member board is made up of a Township Supervisor, Township Treasurer, Township Clerk and four Trustees. With the exception of the Clerk, all board positions are part-time. The Board is the legislative and policy making body of the Township and is responsible for the performance of all obligations and duties imposed on the Township by the State of Michigan.

Township Manager

It is the primary responsibility of the Manager's Office to carry out the goals and objectives of the Township Board, and manage the daily operations of the Township. The Manager's office is responsible for the following:

- To ensure all Township ordinances are enforced.

- To provide leadership, coordination, and administrative support to the Township departments.
- To work to achieve the Township's mission and goals.
- To identify key priorities and establish management procedures that will further develop and effectively utilize Township resources.
- To hire the most qualified employees, using selection methods based on merit and equal opportunity.
- To keep the lines of communication open among residents, businesses, and municipal government.
- To promote Township government services and events through various media, so that the public is more aware of said services and events.
- To listen to the needs and concerns of the community, and route its desires to the Township Board.
- To make sure that all terms and conditions imposed in favor of the Township, or its inhabitants, in any public utility franchise or in any contract, are faithfully kept and performed.
- To prepare and administer the annual budget under policies formulated by the Township Board.
- To develop and implement all personnel policies for the Township.

Refer to Figure 3.1 for the Township Organizational Chart.

Planning Commission

The Planning Commission is responsible for the Township's Master Plan, the Capital Improvements Program, subdivision and site plan reviews, and conducting public hearings and providing recommendations to the Township Board. There are 9 members of the commission and all members are electors of the township.

Parks, Recreation, and Cemeteries Department

The Parks, Recreation, and Cemeteries Department is responsible for four different divisions, as well as the management of the Delta 39'ers program for senior citizens and the Aquatics Programs at the Waverly East Intermediate pool. The Parks and Recreation division is responsible for maintaining existing park grounds and facilities, acquiring and developing land for park use, providing varied recreational programs for all ages, enforcing the Park Ordinance, planning for the future in both park area requirements and recreation program needs, and maintaining assigned township grounds and facilities. Refer to Figure 3.2 for the Parks Department Organizational Chart.

The Mission Statement of the Department is "To acquire, develop, maintain and operate parks, recreation areas and open space for the use and enjoyment of all Delta Township residents and visitors along with offering quality leisure time activities, at a reasonable price, for the participation of all ages and interests."

The duties and responsibilities of the Department are:

- Maintain existing park grounds and facilities.
- Acquire and develop lands for park use.
- Provide varied recreation programs for all ages.
- Enforce the Park Ordinance.
- Plan for the future in both park area requirements and recreation program needs.
- Maintain assigned Township grounds and facilities.

Figure 3.1 - Township Organizational Chart

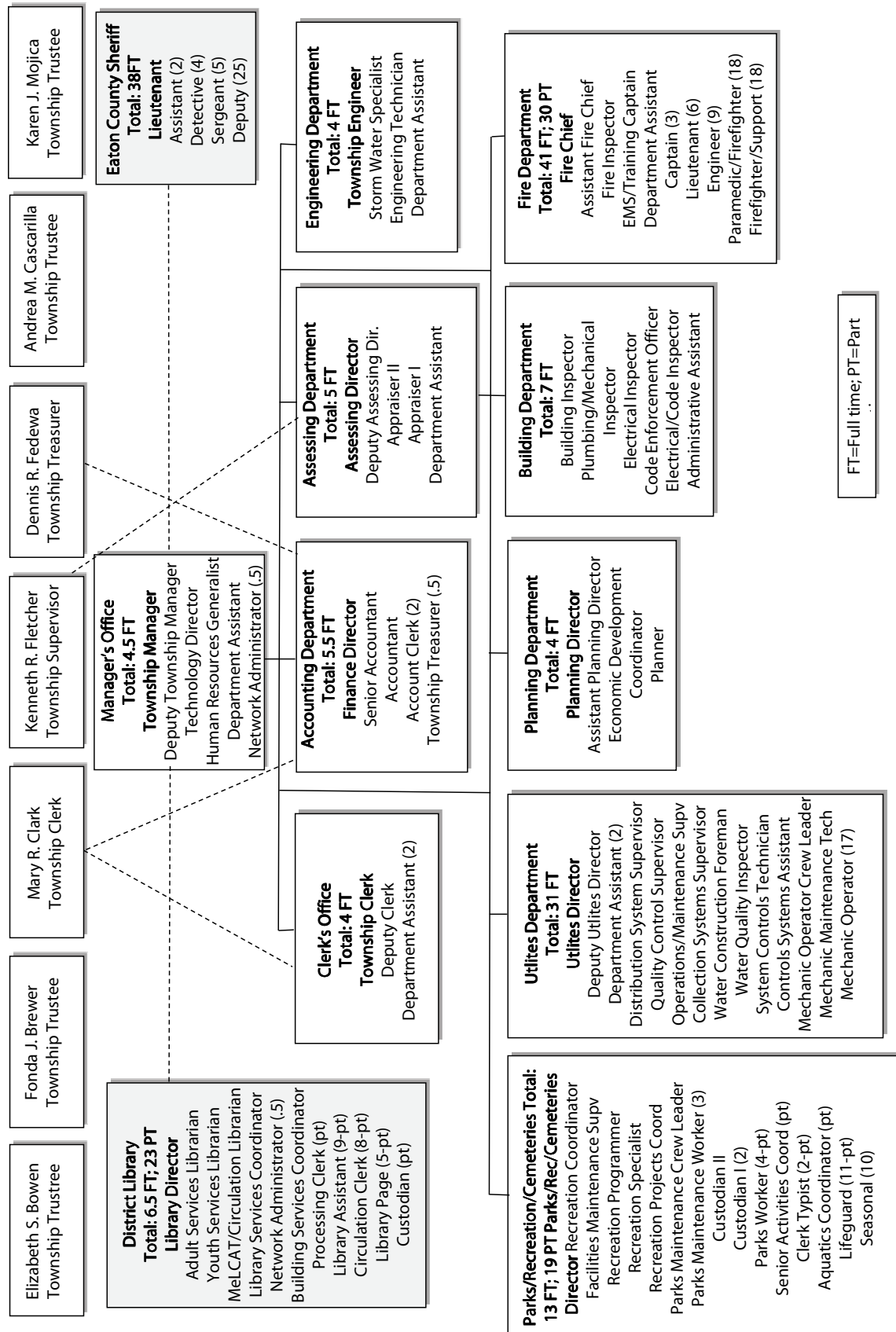
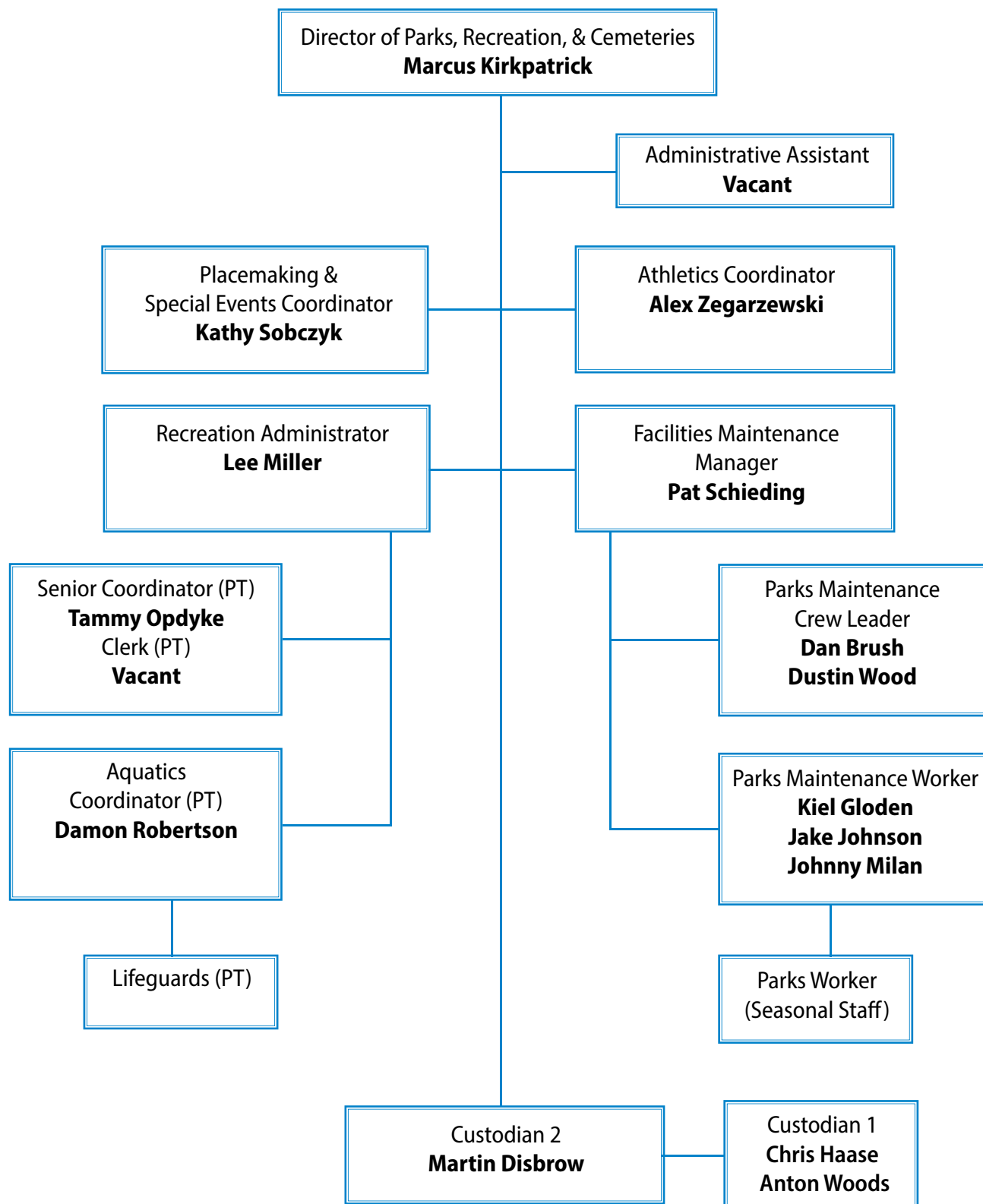


Figure 3.2 - Organizational Chart

Parks, Recreation, and Cemeteries Department

Recycling Center, Cemetery, Hall and Grounds

The Parks, Recreation and Cemeteries Department shares management responsibilities with the Clerk's Office for cemetery management. The Parks, Recreation and Cemeteries Department handles burials and ground maintenance, foundations, and the showing of plots for purchase while the Clerk's Office handles the official record keeping, deeds, purchases, transfers, and other similar functions. The Township owns and manages Hillside Cemetery, 6415 Delta River Drive and Delta Center Cemetery, 7301 W. St. Joe Highway.

The Recycling Center at 5717 Millet Highway is operated by the Department and is open 3 days per week year round.

The Joseph E. Drolett Community Center at 7550 W. Willow Hwy and Enrichment Center at 4538 Elizabeth Road are owned by the Township and operated by the Parks, Recreation and Cemeteries Department. The Joseph E. Drolett Community Center is used for programs and is available for rental Friday, Saturday and Sunday. The Enrichment Center is used as a Senior Center for the 39ers group and for various classes during the week, the classrooms are available for rental Monday through Sunday and the activity room can be rented Friday, Saturday and Sunday.

Parks, Recreation and Cemeteries Commission

The Parks, Recreation and Cemeteries Commission was established in 1971 and is a volunteer advisory commission made up of 7 members who are appointed by the Township Board. They serve a 3 year term and meet once a month to discuss programs, events and facility improvements.

Senior Advisory Group

The Senior Advisory Group meets on a quarterly basis with the department director regarding programming, facilities, and amenities for senior recreation. The Senior Advisory Group consists of

Senior Representatives, age 50 and up, who are residents of Delta Township.

Recreational Programming

The Parks, Recreation and Cemeteries Department provides enrichment classes available for all age groups, with a separate facility and program for the Delta/Waverly 39ers Senior Citizen Program. Programs and events offered through the Department are advertised in the quarterly Delta Township Magazine, in email newsletters and through social media updates. All of Delta Townships programs, athletics, classes, events and facilities can be registered for or reserved and paid for on-line through Civic Rec. Programs and events include:

Athletic Programs

- Softball (A&Y)
- Volleyball (A)
- Kickball (A)
- Soccer (Y)
- Baseball (Y)
- Co-Ed T-ball (Y)
- Co-Ed Flag Football (Y)
- Golf Classes (A&Y)
- Tennis Lessons (Y)
- Co-Ed Basketball (Y)
- Basketball Leagues (Y)
- Basketball Camp (Y)

Special Events

- Daddy/Daughter Dance
- Delta Rocks! All Summer Long
- July 3 Fireworks
- Kid Days
- Meet and Greet with Easter Bunny
- Mom 2 Mom Sale
- Mother/Daughter Dance
- Mother/Son Dance
- Movies in the Park
- Music in the Park
- North Pole Express Mailbox
- Pacers Walking Club
- Sweets & Treats with Santa
- Touch a Truck Day

Aquatics

- Swim Class (A&Y)
- Aerobics (A)
- Family Swim / Lap Swim

39ers Programs

- Lunches
- Bingo
- Bridge
- Euchre
- Pinochle
- Chair Massage
- Cribbage
- Blood Pressure Checks
- Foot Care
- Yoga
- Exercise Classes
- Jazzercise Lite
- Lunch Bunch

Travel Program

- 9 trips throughout the year

The Waverly School District provide sports programming for middle and high school students while the Township provides sports programs for youth and older adults. The Township uses the Waverly East Intermediate Middle School Gymnasium for youth basketball programs, but the rest of the Township run outdoor youth programs is held at Mt Hope Park.

Relationships with Other Organizations

The Township has a cooperative lease agreement granting exclusive use of the Delta-Waverly swimming pool at Waverly East Intermediate School. With other facilities the school districts get first choice on facilities and the Township has next priority, however, individuals must reserve space on an annual basis. The school districts provide sports programming for middle and high school students while the Township provides sports programs for youth and older adults.



The Parks, Recreation, and Cemeteries Department works with various other groups and continues to explore expanding partnerships with private and public organizations. Several local high schools use the trails at Grand Woods Park for hosting cross-country meets. The Capital Area Canine Club has used township parks for several years to host dog agility competitions that are certified by the American Kennel Club. The Lions Club runs a concession stand at Erickson Park and contributes toward sponsorship of various special events athletic programs. The Waverly Garden Club helps the Township by maintaining multiple landscape areas within the Township parks.

Maintenance

Halls and Grounds, a division of the Parks, Recreation, and Cemeteries Department, is responsible for providing a clean, safe, and well maintained environment for conducting township business for township employees and our residents. Staff is responsible for interior and exterior maintenance. A primary goal of the division is to continue to properly maintain all Municipal building sites and parks through efficient scheduling of turf and landscape management.

39'ers (50+ Programs)

The Delta Township 39'ers program is an active program that serves people ages 50 and over from Delta Township, Waverly School District, and surrounding areas. There is no fee to become a member. Programs and events include luncheons, travel programs, golf leagues, trips, cards and games. A treadmill and small lending library is also available for use, free of charge, at the Enrichment Center.

Role of Volunteers

Delta Township understands the growing importance of volunteer resources. Volunteer services are prominently promoted on the Township website. Many of the services requested on the website relate directly to the

Parks, Recreation and Cemeteries Department. Volunteer opportunities are available throughout the year. Individuals interested in volunteering are asked to fill out a Volunteer Profile with their information and the activities they are interested in and return it to the Parks, Recreation & Cemeteries Department. Recent examples of volunteer services include:

Athletics:

Soccer Coach
Flag Football Coach
T-Ball/Softball/Baseball Coach
Youth Basketball Coach

Events:

Delta Township Fireworks
Kids Festival
KidsMud Run

Parks/Facilities:

Recycling Center Attendant

Others:

Election Workers
Senior Entertainer/Presenter

Budgeting and Funding

Budgets for parks, programs, services and maintenance are located in the Appendix of this document. The budget includes Operation and Maintenance, Capital Improvements, and Programs and Services.

The Parks, Recreation and Cemeteries Department is supported by the Township general fund. General fund expenditures include personnel salaries and benefits, daily operational expenditures and capital improvements. Revenues include program fees, league participation charges and facility rentals.

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Recreation Inventory

To understand the Township park and recreation system, we first completed an inventory and analysis of existing park facilities. The intent of the analysis is to evaluate the character, performance, and accessibility of the diverse spaces in the park system, and provide a comprehensive perspective of the opportunities and challenges of the existing recreational facilities the Township has to offer its citizens. The inventory is based on feedback provided by Township staff and stakeholders, site inventories carried out by VIRIDIS Design Group, park accessibility review, and a review of the 2018 Recreation and Open Space Plan.

Park and Recreation System Inventory

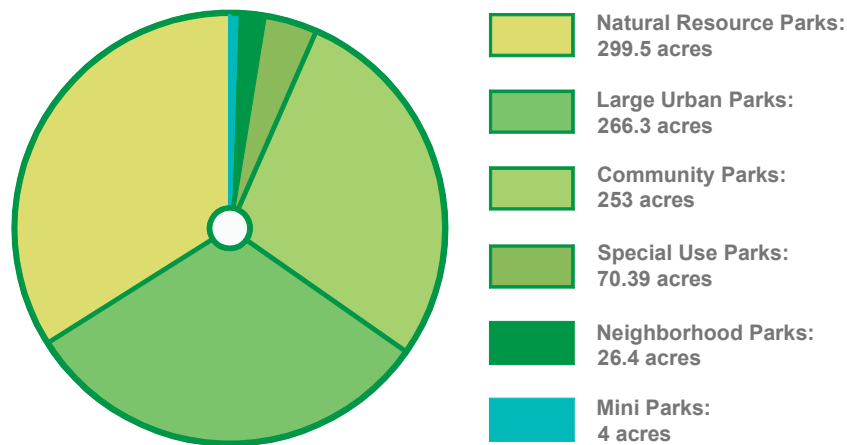
The park and recreation system inventory establishes a baseline understanding of the quantity, type, location, and quality of all park and recreation facilities in Delta. The project team visited each park facility and recorded its amenities, accessibility, and condition. The site inventory was supplemented by an aerial survey and verified against the Township's GIS database. Overall, 14 parks and open spaces, as well as school sites were inventoried through this process.

Delta Township has a variety of park spaces and other public recreational trails and facilities. Numerous county, private and non-profit facilities are also found within the community and county and are highlighted as part of the inventory. The Delta Township Parks and Recreation Department controls and manages approximately **919.6 acres** of land which include developed parks, undeveloped land, natural areas, and trails (Refer to Figure 4.1).

The NRPA has established generally recognized standards for classifying types of parkland based on size and function which provide a means for determining the primary purpose or use of existing facilities in a community. These designations have been adopted by the MDNR; and provide one method of defining the purpose and use of facilities.

Mini Parks are specialized facilities that serve a concentrated or limited population of specific groups. Neighborhood parks are considered the most critical for local, walkable park access and community health as these types of parks provide a range of playground amenities and recreational opportunities for residents. Community parks are larger in size and often feature a greater concentration of sports fields and other recreation amenities to meet demand for a broader area. Large urban parks serve a wider area than community parks and focus on meeting community based recreational needs as well as preserving unique landscapes. Natural resource areas are lands set aside for preservation of natural resources. These sites are typically unsuitable for development but can support recreational activities at a level that preserves the integrity of the natural resource. Special use parks are areas for specialized or single purpose recreational activities.

Approximately one-third of the Township park acreage is held in two natural resource parks totaling 299.5 acres. One neighborhood park comprises 26.4 acres, four community parks add 253 acres, three large urban parks add 266.3 acres, two special use parks add 70.39 acres, and two mini parks adds another 4 acres to the park system.



Per the NRPA guidelines, park and recreation categories include associated service areas for each park type that indicate a minimum standard for geographic balance and availability of each park type in the park system. Classifying parks ensures the entire community is served by a wide range of park and recreational activities. Service areas for park types include:

Mini Parks:	1/4 mile or less
Neighborhood Parks:	1/4 - 1/2 miles
Community Parks:	1/2 to 3 miles
Large Urban Parks:	varies based on use
Natural Areas:	varies based on availability
Special Use Parks:	varies based on use

MINI PARK

- 2 Mini Parks
- Under 1 acre
- Address unique, or specialized recreation needs
- Typically clustered in urban or dense areas
- Complement neighborhood parks in dense areas

NEIGHBORHOOD PARK

- 1 Neighborhood Park
- 1 -10 acres
- Located in neighborhoods with family activities
- Walkable for residents
- Can provide active and passive uses

COMMUNITY PARK

- 4 Community Parks
- 10-50 acres
- Meet broad community recreation needs
- May contain specialized recreation facilities
- Contribute to a connected system

LARGE URBAN PARK

- 3 Large Urban Parks
- 50-75 acres
- Serve a broad purpose
- Focus on meeting community recreation needs
- May preserve unique landscapes/ open space

NATURAL RESOURCE PARK

- 2 Natural Resource Parks
- Acreage varies based on availability
- Preservation of significant natural resources
- Typically unsuitable for development
- Supports passive recreational activities

SPECIAL USE PARK

- 2 Special Use Parks
- Acreage varies based on use and location
- Single or specialized recreation activities
- May contain historic or cultural uses

Barrier Free Accessibility

Federal and State laws require all areas of public service to be accessible to all persons including those with limited sight, hearing, mobility, and comprehension. Developed park facilities must comply with barrier-free design standards. Park facilities in Delta Township have been reviewed to understand the need for improvements relating to barrier-free accessibility. In addition, as park development is considered in the future, barrier-free accessibility is a significant priority item to help ensure that recreation can be enjoyed by all residents and visitors of the Township. Following is a ranking system in accordance with MDNR standards:

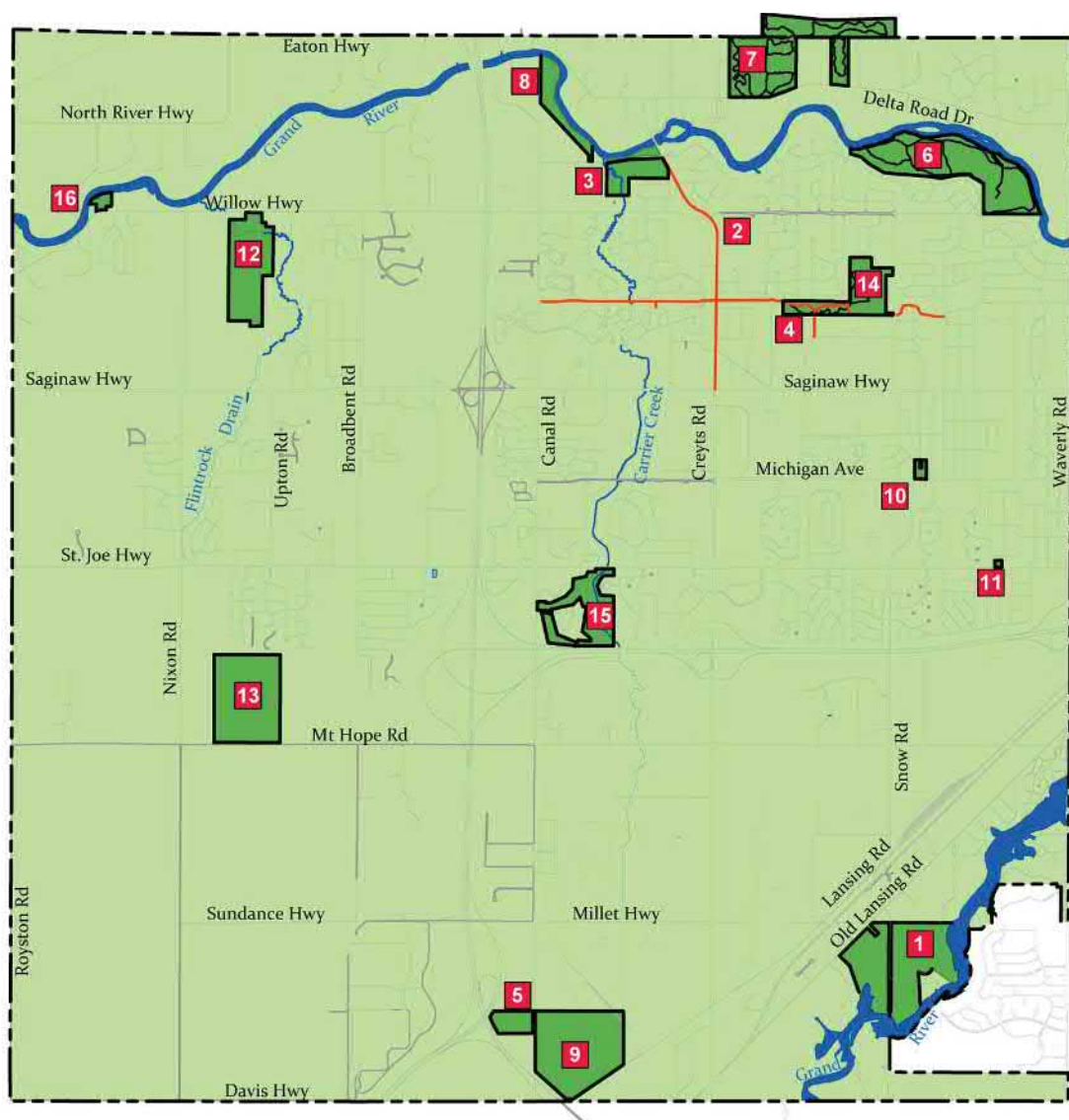
- 0 = Completely undeveloped, no paved surface, left in a natural state.
- 1 = None of the facilities in the park meet accessibility guidelines.
- 2 = Some of the facilities meet accessibility guidelines.
- 3 = Most of the facilities meet accessibility guidelines.
- 4 = All of the facilities meet accessibility guidelines.
- 5 = Universal design guidelines were used to design the entire park

Existing Parks

As part of the methodology of determining present-day and future needs of Delta Residents, the existing park facilities were examined. This combined with current trends, comparison to park standards, and community feedback (discussed later) will help the parks department anticipate and plan for future user needs. The team visited each park to observe existing facilities to understand defining features, quality and condition of existing facilities, quantity of amenities, and level of accessibility. This field analysis was completed during the early fall of 2022.



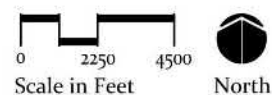
Figure 4.1 - Recreation Areas and Facilities Map

**LEGEND****1** ANDERSON NATURE PARK**2** CREYTS/WEBSTER PATHWAY**3** DELTA MILLS PARK**4** EAST/WEST PATHWAY**5** ERICKSON PARK**6** GRAND WOODS PARK**7** HAWK MEADOW PARK**8** HUNTER'S ORCHARD PARK**9** LAKE DELTA PARK**10** LAKE IRIS PARK**11** LELAND PARK**12** LOOTEN'S PARK**13** MT HOPE PARK**14** SHARP PARK**15** PLAYER'S CLUB**16** WEST WILLOW CANOE LAUNCH

PARKS PROPERTY

PAVED SHARED USE PATH

TOWNSHIP BOUNDARY



Anderson Nature Park

Location: 3377 Wardell Rd
 Size: 151.3 Ac
 Accessibility: 1
 Park Type: Natural Resource Park

Description

Anderson Park is one of the largest land acquisition projects undertaken by the Township. In December of 1976 the Gladys Olds Anderson family donated 58.4 acres of the land to the Township to be used as a passive recreation area. The Township then applied for and received grants from the Federal Land and Water Conservation and the Michigan Land Trust Fund to purchase an additional 92.9 acres of land for the park. Anderson park is currently undeveloped but includes mountain bike trails that are widely used. There is also a very small parking area available.

Opportunities

- The park is undeveloped and the Township may consider developing a master plan for the site that could include trails, parking, and other nature based, passive activities.

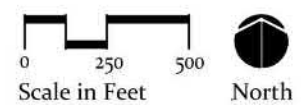
Grant History

- 1977: Land and Water Conservation Fund - land acquisition
- 1979: Trust Fund - land acquisition
- 1985: Trust Fund (withdrawn)





Anderson Park



Delta Mills Park



Description

Delta Mills Park was the Township's first park facility. Phase I was started on 14.3 acres of property purchased for future expansion of the Waste Water Treatment Plant. Recreation Bond Funds have been utilized along with donations and general fund monies to acquire additional property. Recent Trust Fund grants has allowed for upgrades and added features.

Features of the park include a large picnic shelter, playground equipment, basketball court, 2 softball fields, 1 small soccer field in the floodplain, 6 pickleball courts, a grass volleyball court, horseshoe pits, fishing, canoe launch, overlook deck, trails and restroom facilities.

Opportunities

- Paving the parking lot.
- Consider replacing the older large pavilion.
- Many site features are not barrier free or do not have accessible path connections including playgrounds, grills, ball fields, benches, picnic tables, and interpretive signs.
- Consider adding pathways to connect playgrounds and other activities.

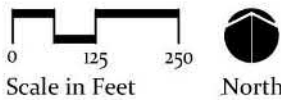
Grant History

- 2014: Land and Water Conservation Fund - Pickleball Courts
- 2016: Trust Fund - Restrooms
- 2017: Trust Fund - Pathway to Hunter's Orchard Park
- 2017: Trust Fund - Canoe Launch
- 2019: Trust Fund - Playground/Restroom





Delta Mills Park



Erickson Park

Location: 4220 S Canal Road
 Size: 17 Ac
 Accessibility: 2
 Park Type: Community Park

Description

Erickson Park has been leased from the Board of Water and Light since 1972. This community park includes two lighted softball fields, which is home to softball leagues, as well as restrooms, small concessions/picnic pavilion building, playground, picnic areas, and open lawn areas for soccer and free play.

Opportunities

- Paving the parking lot including paved barrier free spaces and pavement markings.
- Many of the facilities are not barrier free or do not have accessible paths including: playground, fields, and concessions/picnic building.
- Playground equipment is outdated and should be replaced with new surfacing.
- Consider adding pathways to connect site elements .
- Benches and picnic tables are mature and weathered. Consider updating with current site furnishings.

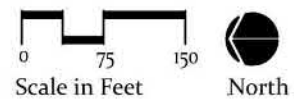
Grant History

- None





Erickson Park



Grand Woods Park

Location: 4500 Willow Hwy
 Size: 128.2 Ac
 Accessibility: 2
 Park Type: Large Urban Park

Description

Grand Woods Park is a large park located along the banks of the Grand River. The intent of this park space is to maintain a family-oriented atmosphere. Park amenities include a picnic shelter (seats 80), pavilion (seats 100), playground equipment, fishing pond, nature trail, softball field, one sand volleyball court, disc golf course, radio-controlled race car track, restrooms, and access to the Grand River. This park also provides a course for local cross-country meets.

Opportunities

- Paving the parking lots.
- Many park facilities are not barrier free or do not have accessible pathways including: sand volleyball, ball field, disc golf, RC course, horse shoes, one playground, one restroom, and one pavilion.
- Consider adding pathways throughout the park to connect features.
- Park provides access to the Grand River but lacks barrier free facilities. Consider improvements such as lookout deck to improve access and activities along the river.
- The park has a number of mature facilities that could be renovated or replaced such as a restroom building and pavilion building.

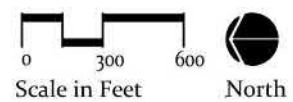
Grant History

- None





Grand Woods Park



Hawk Meadow Park

Location: 6160 Delta Run Drive
 Size: 148.2 Ac
 Accessibility: 3
 Park Type: Natural Resource Park

Description

The Township received donations of land from Carl Haussman and family in 1985 and 2005 to be used as a natural and wildlife area. Deed restrictions prohibit the development of any major park facilities at this location. Current park amenities include 4.5 miles of paved and nature trails, restroom building, site furnishings, interpretive signs, an existing pond and a floating boardwalk.

Opportunities

- The paved parking lot and trails could use maintenance and repairs.
- Consider adding site furnishings such as benches, waste receptacles, and signage.
- Consider additional interpretive signage and nature based activities.

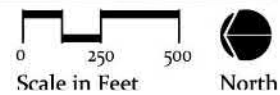
Grant History

- 2015: Trust Fund - Restroom building
- 2019: Land and Water Conservation Fund - Pathway





Hawk Meadow Park



Hunter's Orchard Park

Location: Old River Trail
 Size: 26.4 Ac
 Accessibility: 3
 Park Type: Neighborhood Park

Description

Mr. Howard Hunter and his family donated the land for Hunter's Orchard Park to the Township in 2000 including 3,500 feet of frontage on the Grand River. The Hunters had owned the property since 1934 and operated Hunter's Orchard on the current park site. A grant was received from the Michigan Department of Natural Resources for assistance in funding the development. The park is primarily flood plain and was developed as a natural area with approximately 1.3 miles of non-motorized trails with nearly 2/3 of a mile of the trails being accessible by wheelchair. Other features of the park include three picnic/fishing areas with grills, two canoe landings and views of the Grand River.

Opportunities

- The site does not have a park identification sign.
- Consider adding restrooms.
- Sections of the paved trails need maintenance.
- Grills are in poor condition and should be replaced with accessible grills.
- Consider improving the nature trails including interpretive signs.

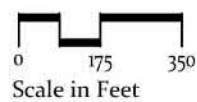
Grant History

- 2000: Trust Fund - Park development
- 2019: Trust Fund - Pathway





Hunter's Orchard Park



Lake Delta Park

Location: South Canal Road
 Size: 65 Ac
 Accessibility: 2
 Park Type: Special Use Park

Description

Lake Delta is a 40 acre lake available for shore and dock fishing only and is designed to accommodate physically challenged individuals. The lake is located south of Erickson Power Plant and is available to residents from approximately April 1 through November 1 (weather permitting). Boats, rubber rafts and wading are prohibited. The property was developed by the Michigan Department of Natural Resources and is operated by Delta Township. The property is leased from the Lansing Board of Water & Light Company. The park includes a barrier free boardwalk, nature trails, and picnic tables.

Opportunities

- The parking lot is not paved and does not have defined spaces and drive aisles. Consider paving and designating barrier free spaces.
- The boardwalk decking is severely weathered and broken in many places including the dock at the lake which is unsafe to use. Consider replacement of the deck structure.
- Consider barrier free picnic tables.
- Consider adding interpretive signage to the nature paths as well as benches and waste receptacles.

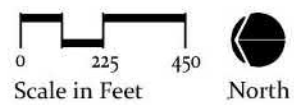
Grant History

- None





Lake Delta Park



Lake Iris Park

Location: Iris Road
 Size: 2.9 Ac
 Accessibility: 1
 Park Type: Mini Park

Description

This park is essentially a vacant green space within a neighborhood that is partly used for stormwater collection. The park is at the end of a neighborhood road and has a short section of an asphalt path that is in poor condition. The site also includes large mature trees, open grass areas, and wetland areas where the storm drainage is collecting. The open lawn areas could be used for picnicking, gatherings, and free play or informal sport games.

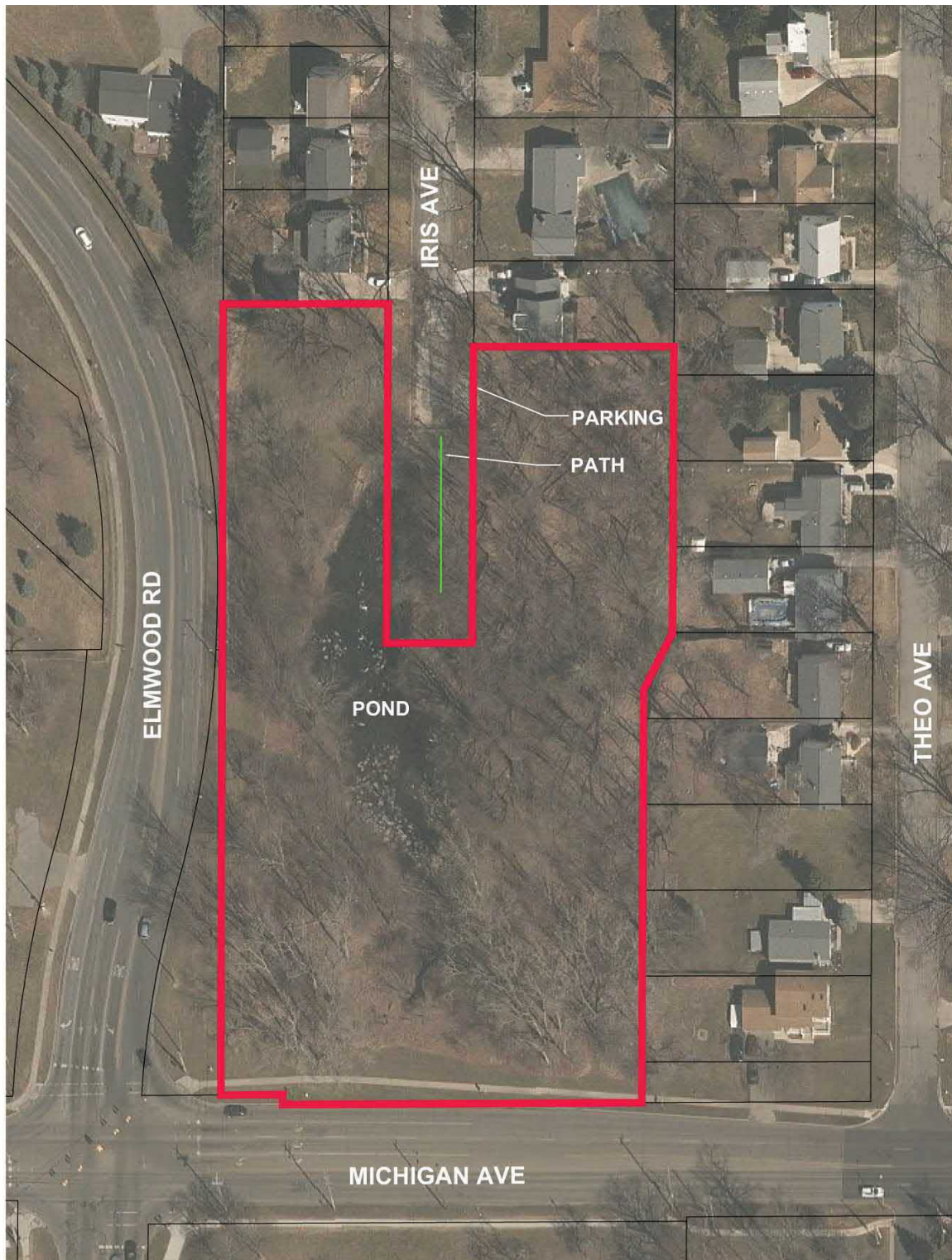
Opportunities

- The park is undeveloped and could benefit from the development of a master plan.
- The park is difficult to locate and could benefit from a site identification sign and parking.
- Consider adding passive activities such as accessible picnicking, seating areas, pavilion, and pathways.

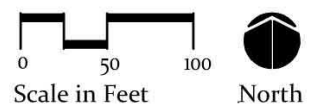
Grant History

- None





Lake Iris Park



Leland Park

Location: 600 Leland Place
 Size: 1.1 Ac
 Accessibility: 1
 Park Type: Mini Park

Description

Leland Park has been leased from the Lansing Board of Water and Light since 1972 and is located within a neighborhood. General fund monies have been utilized along with donated labor to provide play equipment and a small picnic area. The small park also includes mature trees and open lawn area that can be used for free play. The park is connected to the adjacent neighborhood with sidewalks but does not have a dedicated parking lot.

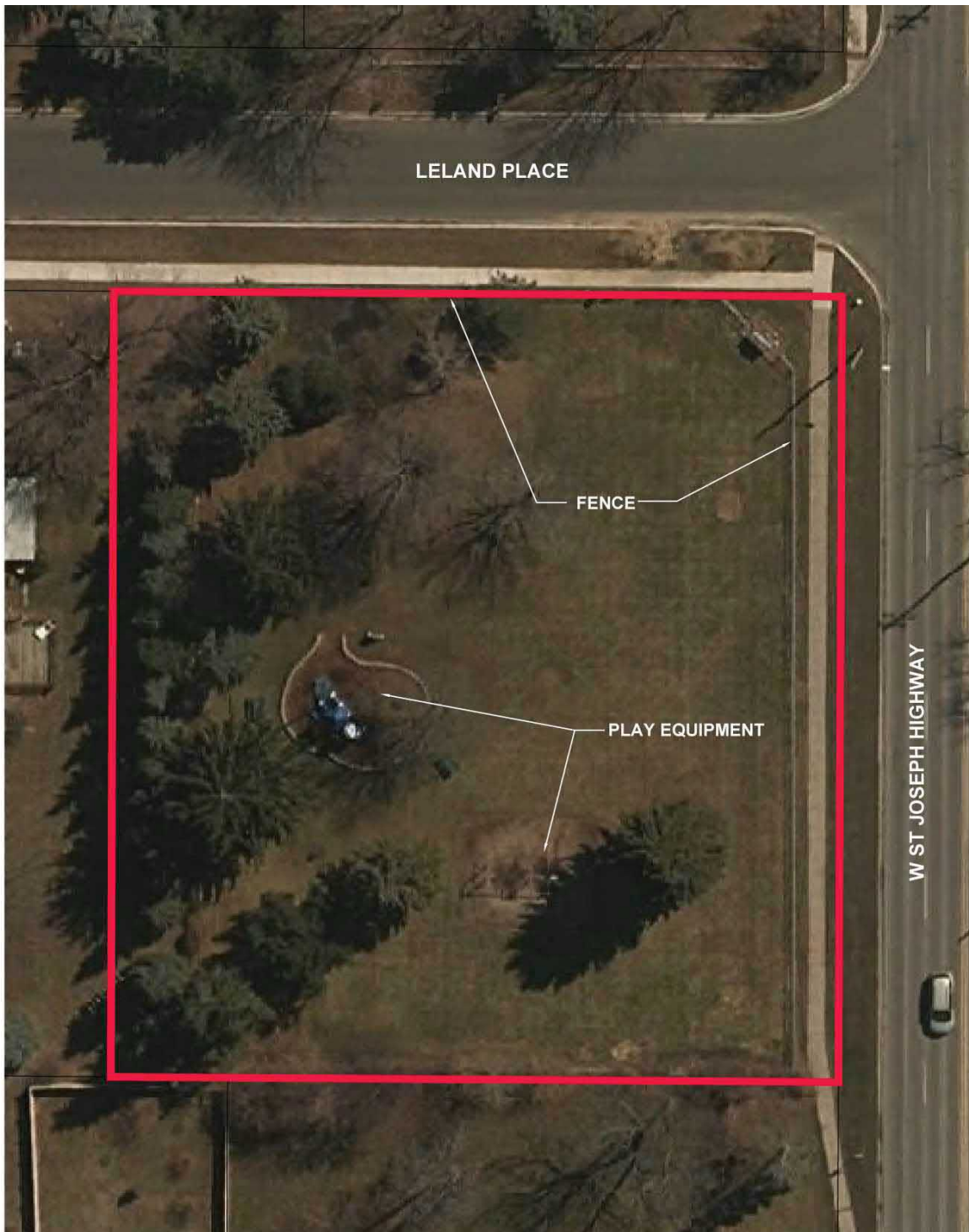
Opportunities

- The addition of parking lot.
- There is no accessible pathway to the playground equipment or picnic area. Consider adding pathways to connect the park amenities to the adjacent sidewalk.
- Consider adding restrooms and a picnic pavilion.

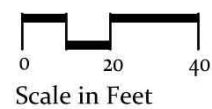
Grant History

- None





Leland Park



Looten's Park

Location: Willow Highway
 Size: 84 Ac
 Accessibility: 0
 Park Type: Community Park

Description

This park is currently undeveloped and has no formal access point. Lootens Park was purchased by Delta Township in April 1980 with assistance of a grant from the Federal Land and Water Conservation Fund. The original 74 acres located adjacent to Hayes Middle School of the Grand Ledge School District was purchased by the Township. A net 10 acres was added to the park in 1993 as a result of an Eaton County Drain Commission project. The park features mowed pathways and provides opportunities for nature based activities such as bird watching and plant identification.

Opportunities

- The park is undeveloped and may benefit from the development of a master plan.
- Consider the addition of parking, site identification sign, paved trails, restrooms, interpretive signage, and other nature based activities and programs.

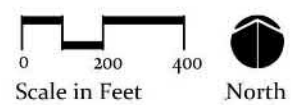
Grant History

- 1980: Land and Water Conservation Fund - Land acquisition.





Lootens Park



Mount Hope Park

Location: 7419 Mt Hope Highway
 Size: 120 Ac
 Accessibility: 4
 Park Type: Community Park

Description

New development at Mt Hope Park was recently constructed in 2019 and provides the west side of the township and adjacent neighborhoods with many recreational activities. Approximately half of the park acreage was developed and includes: restrooms, concessions, playground equipment, two baseball/softball fields, picnic pavilion, multiple soccer fields, picnic areas, site furnishings, and paved trail system. The park is also open in the winter for cross-country skiing. Two additional baseball fields and paved trails are in the process of being added to the park through grants. The overall park site contains additional undeveloped acreage for future facilities.

Opportunities

- The park is newly developed and includes many accessible park facilities.
- Consider paving the gravel parking lot.
- Continue to expand park facilities per the master plan as funds become available.

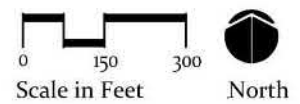
Grant History

- 2016: Land and Water Conservation Fund - Park development.
- 2017: Land and Water Conservation Fund - Connector Pathway.
- 2019: Land and Water Conservation Fund - Perimeter Pathway.
- 2019: Land and Water Conservation Fund - North Baseball Fields.





Mount Hope Park



Player's Club

Location: Spyglass Lane
 Size: 80.3 Ac
 Accessibility: 1
 Park Type: Large Urban Park

Description

The Player's Club site is a former golf course that the Township acquired for the purposes of developing into a passive recreation based park. The site is currently undeveloped and is tucked within a residential neighborhood. The park currently includes mowed grass pathways, prairie/wooded areas that have grown up over the years, and offers nature based recreational uses such as bird and wildlife observation, hiking, walking, and plant identification. The park also has a large parking lot available.

Opportunities

- The site is undeveloped and could benefit from the development of a master plan.
- Park usage suffers from lack of awareness and therefore consider adding a site identification sign and other signage to make it known it is a public park.
- Consider passive based recreational development such as paved/nature trails, interpretive signage, cross-country skiing, picnicking, and wildlife viewing areas.
- Consider adding restrooms.

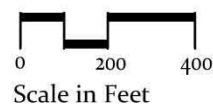
Grant History

- None





Player's Club Park



Sharp Park

Location: 5223 Woodmont Road
 Size: 57.8 Ac
 Accessibility: 2
 Park Type: Large Urban Park

Description

Sharp Park was the second major park facility constructed in Delta Township. The 57.8 acres of land was a donation from the Forbes-Cohen Corporation, the developers of the Lansing Mall. Site amenities include a picnic shelter (seats approximately 75 people), amphitheater (seats 300), playground equipment, fishing dock, pond, basketball court, 4 softball fields, 3 tennis courts, 2 sand volleyball courts, outdoor fitness equipment, story pathway, and a restroom/concession building. The park is also the easterly terminus of the East/West pathway, which is a 10-foot wide concrete non-motorized pathway.

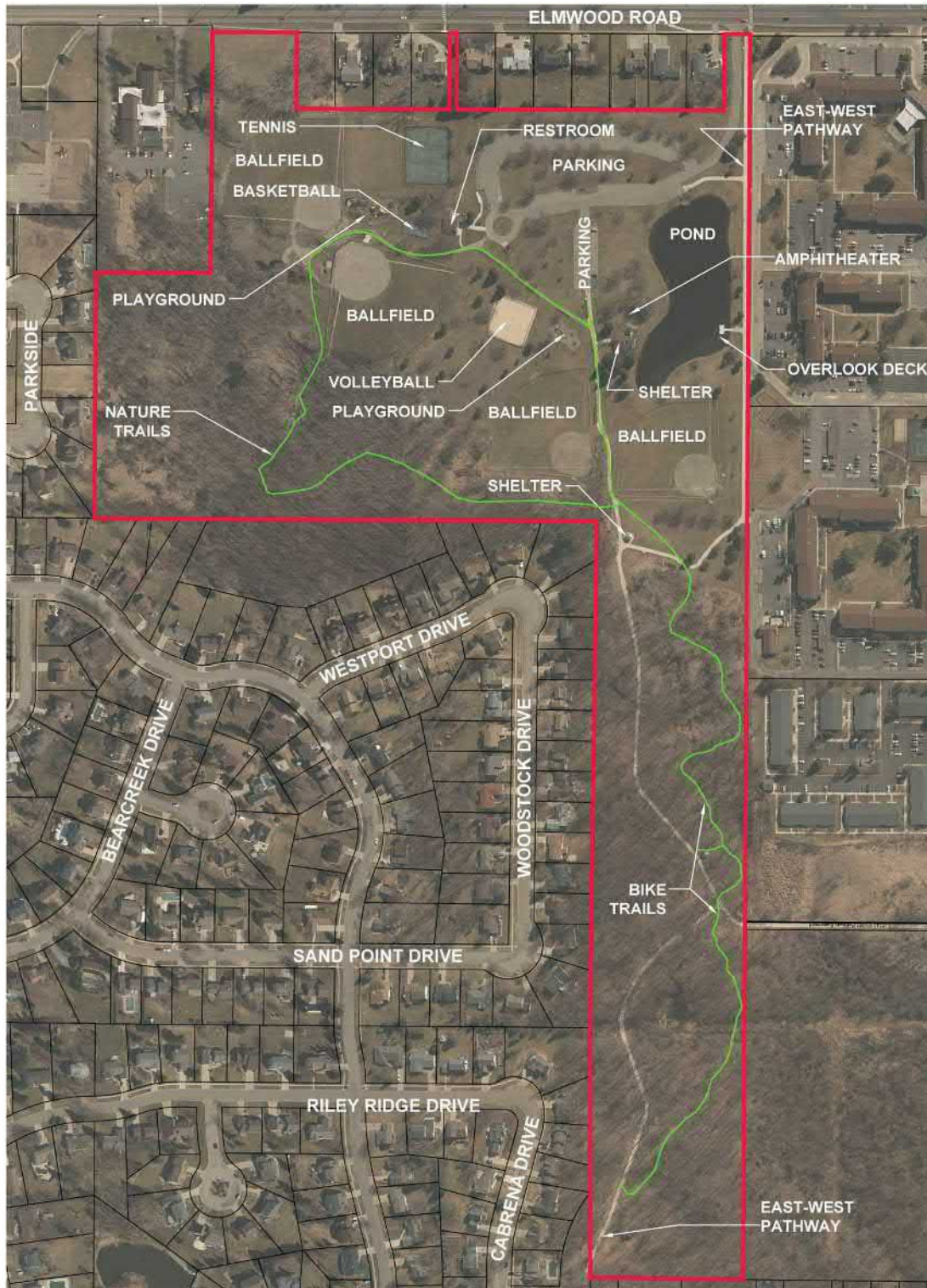
Opportunities

- Most park facilities are not barrier free and do not have accessible path connections.
- Tennis and basketball courts, ball fields, and playground equipment are in need of renovations or replacement.
- Consider implementing phases of the recent master plan which includes upgrades to the ballfields, pickleball courts, new playground equipment, sledding hill, and other proposed improvements.
- Per the 2020 grant, the Township is planning for the replacement of the old picnic shelter, a new restroom facility, and paved pathway connection to existing amenities.

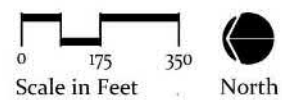
Grant History

- 1973: Land and Water Conservation Fund - Land Acquisition and site improvements.
- 2008: Trust Fund - East-West Pathway.
- 2020: Land and Water Conservation Fund - East-West Pathway





Sharp Park



West Willow Canoe Launch

Location: 6575 Willow Highway
 Size: 5.39 Ac
 Accessibility: 4
 Park Type: Special Use Park

Description

West Willow Canoe Launch is located at the northwest side of the Township and situated along the Grand River. The park was recently developed in 2018 and funded by a Trust Fund Grant. The park features a barrier free canoe launch as well as a picnic area, seating areas, paved pathways, able-bodied access to the river, site furnishings, and a pollinator garden. The park provides the opportunity for all individuals to access the river for canoing, kayaking, fishing, wild life observation, and other nature based activities.

Opportunities

- The site is newly developed and mostly fully developed. There may be opportunities for additional nature based activities such as interpretive signage or viewing platform.
- Consider adding permanent restrooms (port-a-john restroom is available).

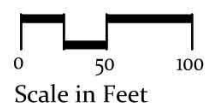
Grant History

- 2016: Trust Fund - Canoe Launch





West Willow Highway Canoe Launch



Inventory Summary Table

Table 4.1 summarizes the inventory of public-owned parks located within the Township boundaries.

Anderson Nature Park	Delta Mills Park	Erickson Park	Grand Woods Park	Hawk Meadow Park	Hunter's Orchard Park	Lake Delta Park	Lake Iris Park	Leland Park	Lootens Park	Mount Hope Park	Players Club	Sharp Park	West Willow Canoe Launch	TOTAL	
151.3	32	17	128.2	148.2	26.4	65	2.9	1.1	84	120	80.3	57.8	5.39	919.59	Size (Ac)
1	2	2	2	3	3	2	1	1	0	4	1	2	4		Accessibility Rating
NR	C	C	LU	NR	N	SU	M	M	C	C	LU	LU	SU		Category
	1											1		2	Basketball
												3		3	Tennis
	6													6	Pickleball
	2	2	1							2		4		11	Baseball/softball
	2	1	2							1		2		7	Picnic Shelter
	2	1	3							1		2		9	Restrooms
	4	1	2					1		1				9	Play Equipment
	1	2								13				16	Soccer
	1		1									2		4	Sand Volleyball
		1								1		1		3	Concessions
	X	X	X		X	X		X				X	X		Picnic Area/Tables
	X		X		X							X			Grills
	X	X	X	X						X		X			Benches
X	X		X	X	X	X						X	X		Fishing
	2		1		1								1	5	Canoe Launch
	X		X	X			X			X			X		Paved Trails
X	X		X	X	X	X			X		X				Nature Trails
					X					X		X			Bike Facilities
	2		2											4	Horseshoes
	1				1	2						1		5	Overlook Deck
			1											1	Disc Golf
X															Mountain Bike Trails
												X			Exercise Equipment
												1		1	Amphitheater
						X									Boardwalk
			1											1	RC Car Track
	1													1	Cricket Pitch
													1	1	Polinator Garden
	X	X	X	X	X	X	X			X	X	X	X		Parking

Mini Park (M), Neighborhood Park (N), Community Park (C), Large Urban (LU), Special Use (SP), Natural Resource (NR)

Cemeteries

Although cemeteries are not considered recreational in nature and do not have programmed recreational events, they do provide open green space, a place to walk and meditate, and they serve as points of historic interest. There are two cemeteries within the Township. Both cemeteries are maintained and operated by the Parks, Recreation and Cemeteries Department. Delta Center Cemetery is located on St. Joe Highway east of Canal Road (7301 West St. Joe Highway). The Hillside Cemetery is located on Delta River Drive east of Webster Street (6415 Delta River Drive).

Joseph E. Drolett Community Center and Enrichment Center

The Joseph E. Drolett Community Center at 7550 W. Willow Hwy and the Enrichment Center at 4538 Elizabeth Road are owned by the Township and operated by the Parks, Recreation and Cemeteries Department. The Joseph E. Drolett Community Center is used for programs and is available for rental. The Enrichment Center is used as a Senior Center for the 39ers group and for various classes during the week. Both the classrooms and activity room are available for rent.

Trails and Greenways

Greenways tie park systems together and form a continuous park environment. The location and size of these parks are largely governed by availability. Trails may be located within parks, on an independent right-of-way, or within the road right-of-way. There are a number of different types of trails that can provide both transportation and recreation opportunities. Connector trails are defined as “multipurpose trails that emphasize safe travel for pedestrians to and from parks and around the Community” (J.D. Mertes and J.R. Hall, Park, Recreation, Open Space and Greenway Guidelines, 1995). These trails are generally located within the road right-of-way and can be divided into two types. Type I has separate paths for different user types, such



as pedestrians and bicyclists. Type II has mixed uses and is suited to lighter use patterns. Delta Township has many beautiful trails to walk, jog, bike, and roller blade on. The most recent is the Waverly Road pathway.

East - West Pathway

2.2 miles of shared use path that runs from Canal Rd to Maycroft Rd and connects the library and mall to Sharp Park.

Creyts Road Pathway

2.56 miles of 6-foot wide pathway that intersects the East-West Pathway and connects to Delta Mills Park.

Semi-Public Facilities in Delta Township

Some facilities exist that are available for public use but are not owned by the public. These facilities are owned through private-public partnerships or non-profit groups. The following quasi-public facilities are available to Delta Township residents:

Capital City Bird Sanctuary at Hawk Valley Farm

Capital City Bird Sanctuary is a nature sanctuary that protects 65 acres of forest, meadow, and riverside habitats. Nearly 2 miles of unpaved trails offer visitors a chance to get close to nature and observe birds, flowers, and wildlife. It is open to the public and parking is available at Hawk Meadow Park. The Sanctuary is located on Delta River Drive.

GM Park

The GM Park is a 75 acre nature preserve on the GM Delta-Waverly Assembly Plant property. It is in Delta Township, but is under a 425 Agreement with the City of Lansing. It is open to the public and includes a trail network and access to 2 ponds. The property is located east of the GM plant on R.E. Olds Drive.

Great Lakes Christian College

Great Lakes Christian College's main campus is located in Delta Township. Although the college is public, access to recreational facilities is primarily intended for students and limited public access is possible usually through prior arrangement with the college. The campus includes soccer fields and indoor volleyball and basketball courts.

Woldumar Nature Center

The Woldumar Nature Center was established in 1966 when a land donation of 177 acres was made to the Nature Way Association; the governing body of Woldumar. It is located at 5539 Lansing Road, in Delta Township and currently maintains 178 acres of land. The nature center provides an educational trail system through woodlands, fields, prairie, pine forests, orchards, and along the Grand River. The site includes over 5 miles of trails and at least 1 mile of river shoreline.

School Facilities

Public school facilities can add tremendous recreational value to a community. Delta Township is served by four school districts: Grand Ledge, Holt, Lansing, and Waverly. Delta Township utilizes indoor courts at the Waverly Intermediate Middle School for basketball programs. The Township has a cooperative lease agreement granting exclusive use of the Delta-Waverly swimming pool at Waverly East Intermediate School. With other facilities the school district has first choice on facilities and the Township has next priority, however, individuals must reserve space on an annual basis.

Colt Elementary	Delta Center Elementary	Elmwood Elementary	Willow Ridge Elementary Hayes Middle School	Winans Elementary Waverly Middle School	Waverly High School	TOTAL	
9.5	34.58	9.76	72.81	96.28	222.93		Size (Ac)
1	6	1	7	3	18		Basketball
				10	10		Tennis
1	1		4	3	9		Baseball/softball
	2	2	4	2	10		Soccer
2	1	2	1	3	9		Play Equipment
	1			3	4		Lacrose Field
				4	4		Football
				1	1		Track
			2		2		Volleyball

Table 4.2 School facilities within the Township.

Regional Park Facilities

Regional facilities may offer unique natural features that are particularly suited for outdoor recreation, such as viewing and studying nature, observing wildlife habitats, fishing, boating, hiking, hunting, and trail use. They may include active play areas and organized recreation as well as historical or cultural interest uses. While these parks are not used for formal programming by Delta Township, they are public facilities that provide recreational opportunities for the residents of the township. There are numerous park facilities that surround Delta Township that provide a wide range of recreational facilities available to township residents.

State Facilities

State Parks provide diverse recreational opportunities to Delta residents and the region. These facilities provide activities including camping, picnicking, swimming, hunting, fishing, snowmobiling, hiking, cross-country skiing, mountain biking, and horseback riding. State parks in close proximity to Delta Township include:

- Ionia State Recreation Area, 3,998 acres in Ionia County.
- Maple River State Game Area, 9,948 acres in Clinton, Ionia, and Gratiot Counties.
- Muskrat Lake State Game Area, 181 acres in Clinton County.
- Portland State Game Area, 2,373 acres in Ionia County.
- Rose Lake Wildlife Research Area, 4,000 acres in Bath and Woodhull Townships.
- Sleepy Hollow State Park, 2,678 acres in Clinton County.

County Facilities

Eaton County and Ingham County both provide large public park spaces that include a variety of passive and active recreational amenities. These facilities are located in close proximity to the Township and provide residents with additional recreational opportunities. The following County

Parks are available to Township residents:

Eaton County Parks

- Butler Park
- Crandell Park
- Duane Tirrell Memorial Park
- Dyer Kiln Historic Site
- Fitzgerald Park
- Fox Memorial Park
- Keehne Environmental Area
- Lincoln Brick Park
- Optimist Youth Park

Ingham County Parks

- Bunker Canoe Landing
- Burchfield Park
- Hawk Island Park
- Lake Lansing Boat Launch
- Lake Lansing North
- Lake Lansing South
- McNamara Canoe Landing
- Riverbend Natural Area
- Soldan Dog Park

Clinton County Parks

- Clinton Lakes County Park
- Motz County Park

Other Local Facilities

Other municipalities adjacent to the Township provide many regional park and recreational facilities that serve Delta Township residents. The larger parks include:

City of Grand Ledge

Fitzgerald Memorial Field
Jaycee Park
Oak Park

City of Lansing

Crego Park
Ferner Nature Center
Fine Park
Frances Park
Fulton Park
Hope Soccer Complex

Hunters Ridge Park
 Scott Woods Park
 Woodcreek Park

City of Potterville
 Alliance Lake Softball Complex

Watertown Township
 Gloria Miller Looking Glass Valley Park
 Heritage Park

Pathways and Trails

Regional pathways and trails provide excellent recreational opportunities, and can act as secondary transportation routes, often connecting key parks with other destinations or places. Regional trail systems include:

Lansing River Trail is a 25-mile trail that traces the course of the Grand River, Red Cedar River, and Sycamore Creek in the City of Lansing.

Northern Tier Trail is a 6.6-mile trail that traverses through Clinton and Ingham County between East State Rd and White Memorial Park.

Private Recreation Facilities

Several privately-owned recreation facilities located in the area complement the public parks system. Although these facilities are privately operated and often charge a use fee or require membership, they are considered because they do meet specific recreation needs. A list of other local private facilities is provided below.

Billiards

Pinball Pete's

Bowling

Lansing Bowling Association
 Mason Bowling Center
 Redwing Bowling Lanes
 Royal Scot Lanes
 Sky Lanes

Camp Grounds

Hickory Lake Campgrounds
 Lansing Cottonwood Campground
 Moon Lake Campground
 Mullican's Riverside Resort
 Wheel Inn Campground

Camps

Camp Meeting Retreats
 Girl Scout Camp Wacousta
 Mystic Lake YMCA & Pa-Wa-Pi YMCA Day Camp
 Tutor Time Adventure Camp

Canoe & Boat Rentals

Burchfield Park
 Grand Kayak Rentals
 River Town Adventures

Clubs

American Legion
 Capital City Old Car Club
 Capital City Sportsmens League
 Chief Okemos Sportsman's Club
 City Club of Lansing
 Country Club of Lansing
 Family Motorcycle Club
 Jug & Mug Ski Club
 Kiwanis Club of East Lansing
 Lansing Association of Women's Club
 Lansing Boat Club
 Lansing Sailing Club
 Leiderkranz Club
 Metropolitan Flying Club
 Trap Shooting Association
 Okemos Seahawks Aquatic Club
 Polish Home Federated

Rotary Club of Lansing
Spartan Water Polo Club
Ten Pound Fiddle
University Club of Michigan
State
V.F.W. Post 6034
V.F.W. Post 7309

Dance / Gymnastics

Academy of Dance Arts
Ann's School of Dance
Assiff Studio of the Dance
Baur Nancie Dance Studio
Children's Ballet Theatre
Dance Fusion
Dance World
Danzalot LLC
Delta Dance Connection
DeMellio Studio of Dance
Great Lakes Gymnastics
Lansing Ballett Company
Happendance Studio YWCA
In Motion Dance Center
Island Dance Center
Karyn's Dance Place
Lansing Chamber Dance
Red Cedar Gymnastics
Rising Star Studio
Studio de Dance
Synergy Touring Company
Tari's Cornerstone Studio
Twisters USA Inc.
Watson Patsy Dancing School
Williams School of Dance

Golf Courses - Miniature

DeWitt Family Golf Center
Funtime Adventure Park
WindRiver Adventure Golf

Golf Courses - Practice Range

Branson Bay Golf Course
DeWitt Family Golf Center
El Dorado
Forest Akers Golf Course
Eagle Eye Golf Club

Royal Scot Golf
Timber Ridge
Golf Courses - Private
Country Club of Lansing
Walnut Hills

Golf Courses - Public

Bonnie View
Branson Bay
Brookshire Inn
Centennial Acres
Eagle View Golf Club
El Dorado
Forest Akers
Glenbrier
Governors Club of Michigan
Grand Ledge Country Club
Hawk Hollow Golf Course
Hunter's Ridge Golf Course
Indian Hills
Ironwood Links
Lake O' the Hills
Ledge Meadows
Meridian Sun Golf Club
Oak Lane
Pine Hills
Prairie Creek
Royal Scot
The Falcon at Hawk Hollow
Timber Ridge
Twin Brook
Twin Oaks
Wheatfield Valle

Health & Fitness

Court One
Curves for Women
Go Work Out
Gold's Gym
Gym Bumz
Hawaii Health Spa
Michigan Athletic Club
Mid-Michigan Academy of
Martial Art
One on One Personal Training
Planet Fitness

Powerhouse Gym
Spartan Swim Team
World Gym
Dewitt YMCA
Lansing YMCA
Oak Park YMCA
Parkwood YMCA
Westside Community

Museums

Abrams Planetarium
Impression Five
Michigan Historical Museum
Michigan Museum of Surveying
Michigan Supreme Court
Learning Center
MSU Museum
Michigan Women's Museum &
Hall of Fame
R.E. Olds Transp. Museum
Telephone Pioneer Museum

Nature Centers

Fenner Nature Center
Harris Nature Center

Skating Rink / Rental

Edru Roller Skating Area
Suburban Ice Sports
Munn Ice Arena

Theater - Cinema

J Celebration Cinema
NCG Lansing Cinemas
Regal Lansing Mall Stadium 12
Sun Theatre

Theater - Performing Arts

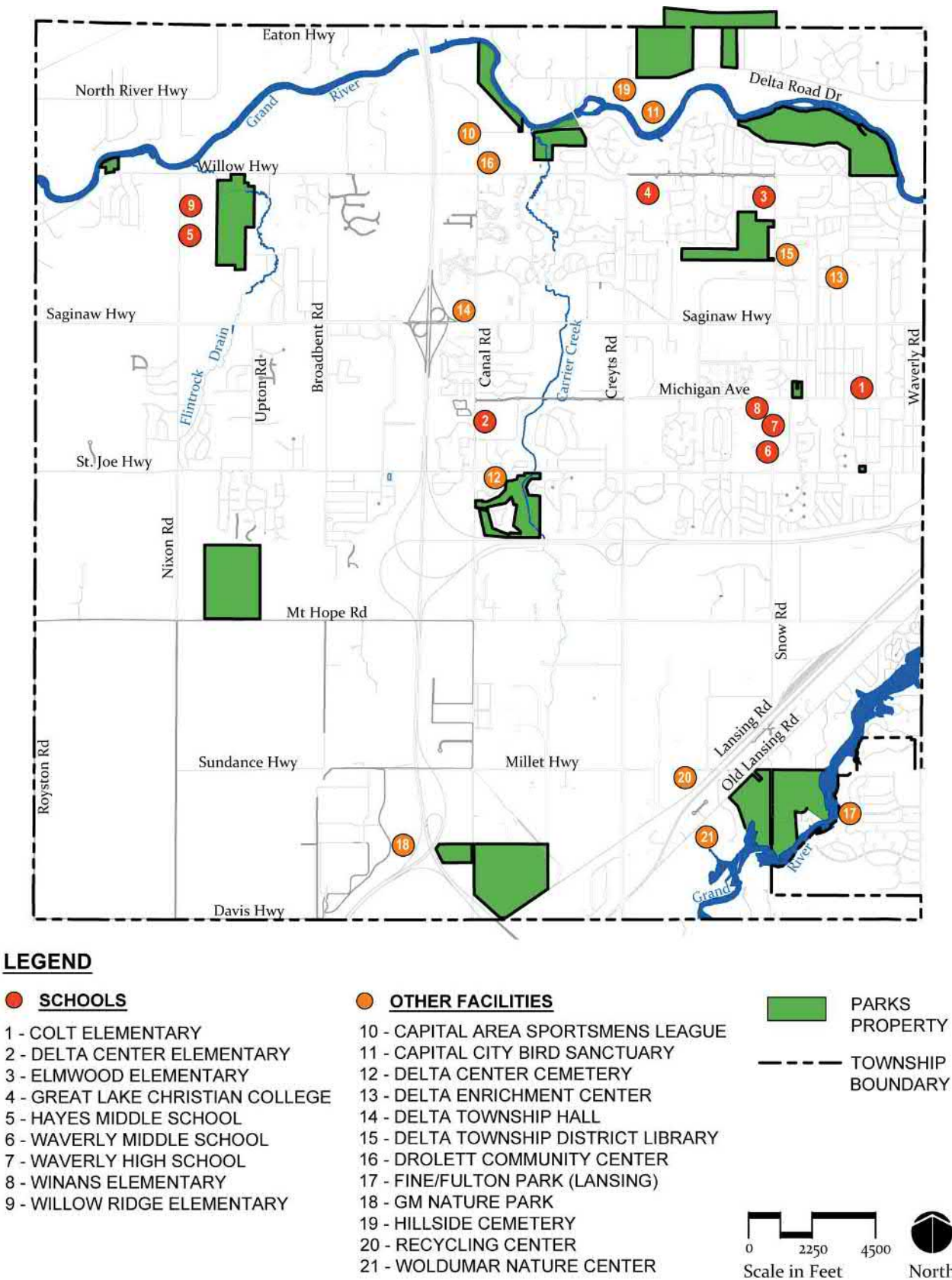
All of Us Express – Children's
Lansing Community College
MSU Department of Theater
Riverwalk Theatre
Wharton Center

Grant Status

Delta Township has been successful in obtaining grants from the MDNR for many years. All grant assisted facilities are still present and open to the public. Below is a summary:

Year	Project No.	Project Name	Funding Source	Grant Amount	Status
1973	26-00517	Sharp Park	Land and Water Conservation Fund	\$190,000	Closed
1977	26-00981	Anderson Nature Park	Land and Water Conservation Fund	\$111,300	Closed
1979	TF316	Anderson Nature Park	Michigan Natural Resources Trust Fund	\$185,000	Closed
1980	26-01098	Looten's Park	Land and Water Conservation Fund	\$55,000	Closed
1985	TF1030	Anderson Nature Park	Michigan Natural Resources Trust Fund	\$68,000	Withdrawn
2000	TF00-052	Hunter's Orchard Park Development	Michigan Natural Resources Trust Fund	\$65,000	Closed
2008	TF08-005	Sharp Park East-West Path	Michigan Natural Resources Trust Fund	\$244,700	Closed
2014	26-01743	Delta Mills Pickleball Courts	Land and Water Conservation Fund	\$32,500	Closed
2014	TF14-0198	Mt Hope Property Acquisition	Michigan Natural Resources Trust Fund	\$281,000	Closed
2015	TF15-0055	Hawk Meadow Restrooms	Michigan Natural Resources Trust Fund	\$49,500	Closed
2016	TF16-0002	West Willow Canoe Launch	Michigan Natural Resources Trust Fund	\$162,500	Closed
2016	26-01778	Mt Hope Park Development Phase 2	Land and Water Conservation Fund	\$150,000	Closed
2016	TF-16-0004	Delta Mills Restroom Renovation	Michigan Natural Resources Trust Fund	\$175,000	Closed
2017	26-01789	Mt Hope Connector Pathway	Land and Water Conservation Fund	\$62,300	Closed
2017	TF17-0074	Delta Mills . Hunter's Orchard Pathway	Michigan Natural Resources Trust Fund	\$298,500	Closed
2017	TF147-0075	Delta Mills Canoe Launch	Michigan Natural Resources Trust Fund	\$237,500	Closed
2019	26-01835	Mt Hope Perimeter Pathway	Land and Water Conservation Fund	\$212,500	PA Executed
2019	26-01836	Hawk Meadow Pathway	Land and Water Conservation Fund	\$300,000	PA Executed
2019	26-01840	Mt Hope North Baseball Fields	Land and Water Conservation Fund	\$300,000	PA Executed
2019	TF19-0068	Hunter's Orchard Park Pathway	Michigan Natural Resources Trust Fund	\$225,000	PA Executed
2019	TF19-0069	Delta Mills Playground/Restroom	Michigan Natural Resources Trust Fund	\$50,000	PA Executed
2020	26-01852	Sharp Park / East-West Pathway	Land and Water Conservation Fund	\$300,000	PA in Review
2020	TF20-0105	Elmwood Rd Land Acquisition	Michigan Natural Resources Trust Fund	\$30,000	Closed
2020	TF20-0108	North Canal Rd Land Acquisition	Michigan Natural Resources Trust Fund	\$75,000	Closed

Figure 4.2 - Other Recreation Areas & Facilities



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Description of the Planning Process

During the early phase of the planning process background data was gathered from site investigations and available reports in order to develop a current snapshot of the Township and comprehensive understanding of the needs of the community. This chapter looks to assess community need for parks and recreation facilities against facility availability and program offerings. There are a variety of methods for assessing community need for recreation services. This Plan uses the combination of the following methods to identify the recreational needs of the Township:

1. Location and distribution of park space throughout the Township.
2. Quantity of park acreage and amenities.
3. Analysis of demographic trends

Level of Service Analysis

Level of Service Standards are guidelines that define service areas based on population that support investment decisions related to parks, facilities, and amenities. Standards may change over time as demographics, program life-cycles, and needs of the community change. The National Recreation and Park Association (NRPA) maintains a data base of park system data in the U.S. which, combined with a yearly agency performance review report, has taken the place of outdated park standards. Our team used information from the NRPA Park Metrics database as well as the 2022 NRPA Agency Performance Review to understand national trends and metrics in park and recreation elements and to benchmark Delta Township with comparable communities. The NRPA Park Metrics and Agency Performance

Review help inform conversations and policies about the role of parks and recreation planning, land acquisition, and development of park, recreation and open space property at the local level.

Building on data from the park and recreation system inventory, Delta was compared to similar systems (communities in the range of 20,000 – 49,999 people) in the National Recreation and Parks Association (NRPA)'s park metrics database. The NRPA database contains self-reported information from parks and recreation departments across the country. This comparison allows the project team to benchmark the level of service in terms of park acreage and amenities per capita between Delta and peer Townships nationally to evaluate the relative adequacy or inadequacy of the Township's recreation system. It should be noted that these comparisons are to be used as a guide and should be interpreted according to local needs, trends, and current situations. The purpose of recreation planning is to address the specific needs of the community, based on its own particular resources and resident preferences/demands so that the plan best suits the community's desires for recreation.

Service Area Analysis

NRPA guidelines classify parks, open space, and greenways in accordance with their size and the role they play in the overall park system. They include associated service areas for each park type that indicate a minimum standard for geographic balance and availability of each park type in the community. Classifying parks in the system ensures the entire community is served by a wide range of park and recreational facilities. Figure 5.1 delineates the service area for each park in the Delta Township Park system.

Evaluation

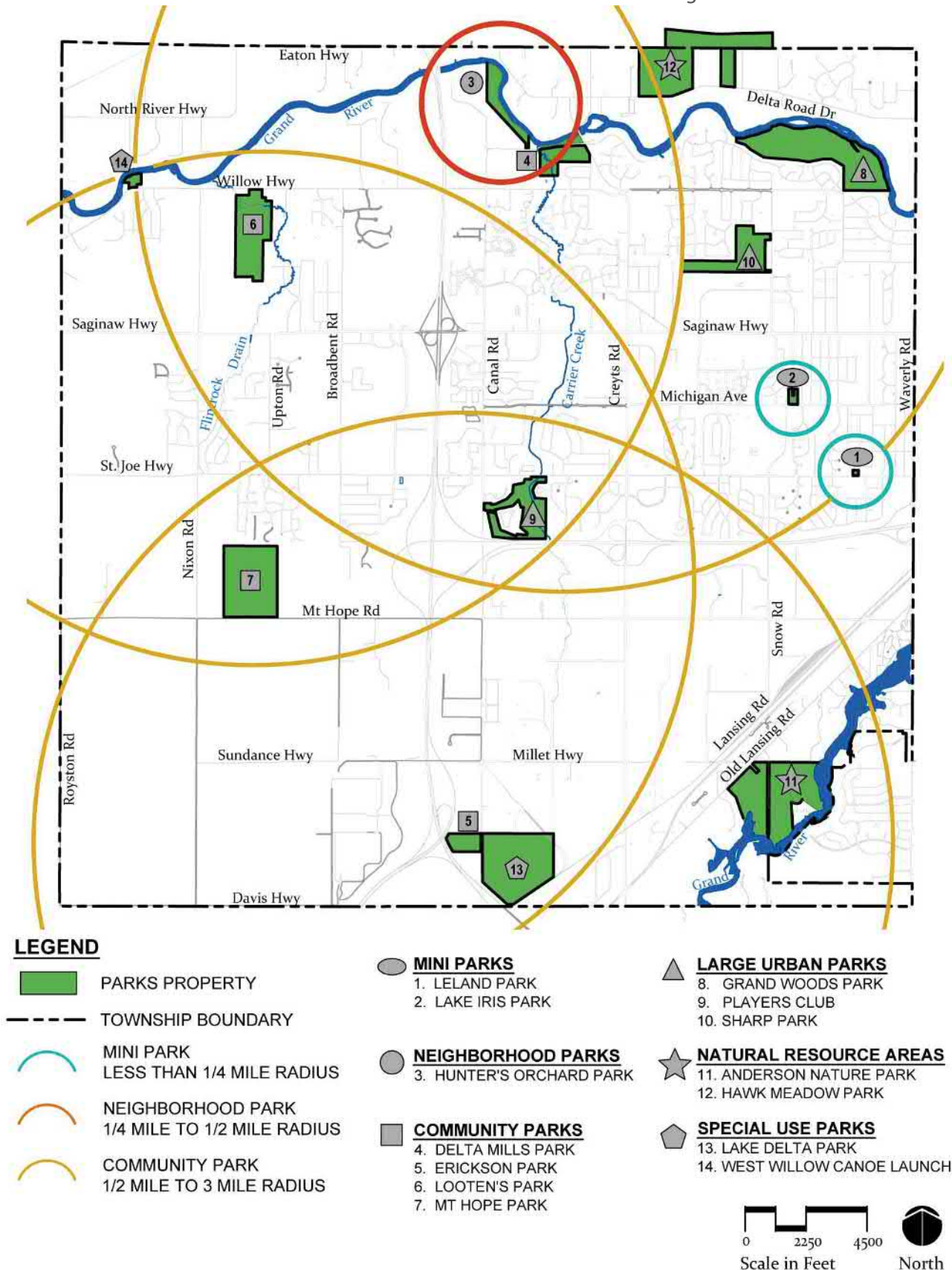
Analysis of the geographic distribution of park facilities throughout the Township reveal the following:

- Overall coverage is good and all residents have access to some type of park
- All neighborhoods in the Township have access to Community parks.
- Natural resource area parks are mostly at the north side and southeast corner of the Township along sections of the Grand River.
- Neighborhoods on the east, south, and west side of the Township do not have access to neighborhood parks
- The north, southeast, and northwest neighborhoods are not serviced by a mini park.
- The township is in need of more neighborhood parks.
- There are two large urban parks located in the northeast quadrant of the Township, which is where most of the neighborhoods are located
- The southwest area of the township is lacking in park service area.

Needs

- Addition of mini parks and neighborhood parks in the higher density neighborhoods in the north-east quadrant and the neighborhoods on the west side of I-69.
- Consider development of Anderson Park which would service the neighborhood at the southeast corner of the Township.
- Consider development of Players Club which would provide a centrally located large urban park.
- Consider development of Lootens Park which would provide the northwest area of the Township with recreational activities.
- Look for opportunities to provide natural resource areas along Carrier Creek, which would provide centrally located access to natural features.

Figure 5.1 - Park Service Areas



Park and Open Space Acreage

A basic measure of the level of service is the amount of park and open space acreage available per resident. In this Master Plan, the analysis begins by considering “accessible”, usable acreage, which excludes golf courses, cemeteries, undeveloped sites, and shared school sites. **The analysis showed that “accessible” park acreage per capita in Delta exceeds comparable communities and townships (see Figure 5.2).** The NRPA database demonstrated a median of 10.6 acres per 1,000 residents in similarly sized communities, and 11.3 acres per 1,000 residents in all townships. Delta measures at 16.4 acres of developed parkland per 1,000 residents (excluding parks that are not developed). **When all parkland acreages are considered, including undeveloped sites, Delta has 27.8 acres of parkland per 1,000 residents, which is more than double the median of all communities in the NRPA database (10.4) including comparable communities with a population between 20,000 and 49,000 (10.6). In addition, Delta also more than doubles the NRPA database median of 11.3 acres per 1,000 residents for all townships.** This positions the Township well with capacity for additional population growth. This also demonstrates an opportunity to expand park facilities within the Township’s own holdings, upgrade existing facilities, and improve general park maintenance.

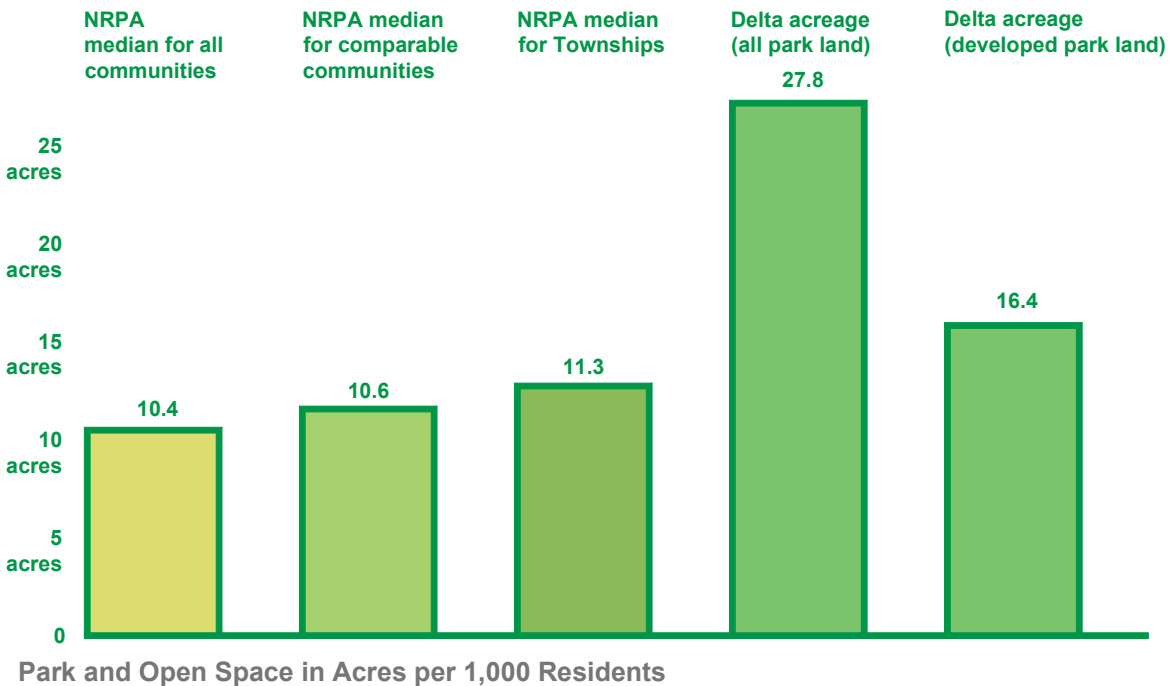
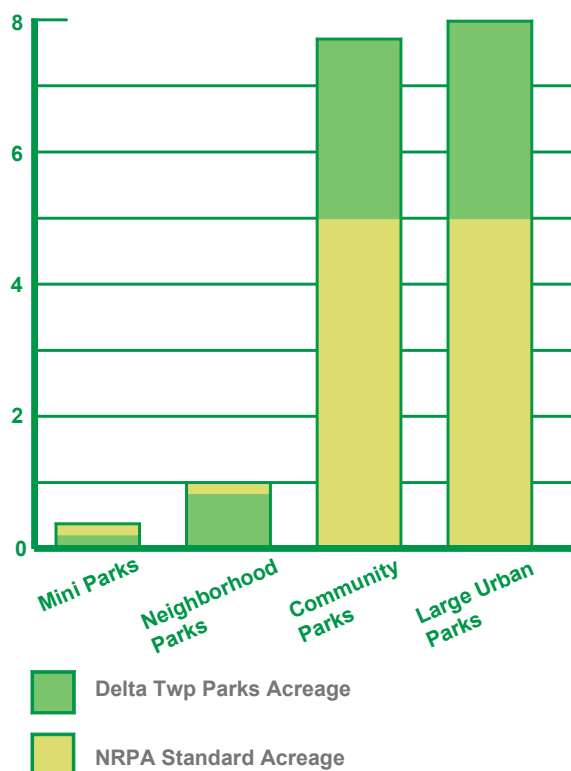


Figure 5.2 - Park Acreage

In addition to overall acreage, NRPA metrics recommend a certain number of park acres per units of population for different types of park classifications. NRPA standards state that per 1,000 residents, 0.25 acres of mini parks, 1 acre of neighborhood parks, and 5 acres for community and regional parks is needed to meet the needs of the community. Delta is below the standard for mini parks and neighborhood parks, but exceeds the standard for community parks and large urban parks (see figure 5.3). It should be noted that these standards are to be used as a guide and interpreted according to local needs, character, trends, and current Parks Department capacity, and the demand may be greater or less than the national standard.



Park Types in Acres per 1,000 Residents

Figure 5.3 - Park Type

Park Amenities

Park amenities are the built elements within Deltas' parks that support various forms of recreation. Passive recreation and active recreation are the primary types of recreational uses. Passive recreation includes less intense activities that are more quiet and non-exertive for a limited numbers of users. Active recreation requires space and facilities capable of accommodating exertive activities. Examples include: sports fields, play apparatus areas, open areas, special facilities, such as pools and court areas, and areas for organized activities.

Recreation areas must provide for both types of use and preferably include a variety of opportunities for each to respond adequately to a wide range of interests and age groups. For many users these are crucial components that help them feel welcome and safe. It is critical that Deltas' parks supply the right number and types of amenities to meet the needs of their users. As the demographics of Delta changes over time

(race, age, population, etc.) park amenities need to be assessed for their relevance to the changing user groups.

To understand gaps and surpluses among amenities in Delta Township, Level of Service metrics from the NRPA benchmarking database were used. The analysis showed that in Delta's "basic" park amenities per capita, in categories with comparable NRPA benchmarks, are on par with comparable Townships, without major gaps in service by number or by geography, although there are minor deficits in the total number of basketball courts, tennis courts, and dog parks. Still, amenities that should serve a walkable population, such as playgrounds, are fairly equitably-distributed across the township.

While the NRPA benchmarking analysis is limited by the availability of amenity categories in the database, discussions during the engagement process, revealed community interest in more specialized amenities such as a farmers market, splash pad, and art installations.

The combination of the benchmark analysis and public input give clear direction for the township. The township has done a good job of providing basic park amenities across the community. There is a desire for new, innovative and specialized amenities to add diversity to the system. At the same time, the community has demonstrated need for more trails, access to natural areas, and



Figure 5.4: Park and Recreation Facilities - Population per Facility

Facility	NRPA median for Townships	NRPA median for similar population	NRPA median for all agencies	Delta Township
Tennis	5,000	5,000	5,608	11,040
Playground	5,263	3,111	3,750	3,680
Baseball	5,044	4,858	7,000	3,011
Softball	7,110	8,509	11,339	3,011
Basketball (outdoor)	6,910	6,839	7,403	16,560
Volleyball	15,655	14,807	18,232	8,280
Soccer	5,030	5,011	7,382	2,365
Football	14,125	19,351	26,493	-
Dog Park	20,500	28,000	48,586	-
Recreation Center	25,000	24,601	31,239	33,119
Swimming Pool	n/a	31,230	53,025	-
Community Center	12,847	26,668	29,036	33,119
Auditorium	40,000	30,745	68,181	-
Pickleball	n/a	8,143	14,714	5,520
Skate Park	n/a	32,335	53,708	-
Outdoor Ice Rink	n/a	13,123	16,887	-

gathering spaces. Focusing on walking and biking trails within the system would provide the greatest benefit for the largest number of residents within Delta Township. Respondents indicated they were very supportive of upgrading and expanding walking and biking trails and the community has also voiced that indoor facilities for fitness and sports are high priorities for the future. (Additional detail on public engagement is discussed within the following chapter).

Trends Analysis

A number of recent reports and surveys exist regarding parks and recreation participation patterns within the United States. Inferences can be made about the Township parks and recreation program and service needs by cross referencing the research data with Township population demographics.

The numbers show that during the pandemic in 2020, over 260 million people visited a local park or recreational facility. Additionally, 70% of us either maintained or increased park, trail, and public space usage, with about 50% being parents, active adults, and those 25 and under. This trend is likely to continue as we come out of the pandemic and outdoor recreation options remain popular.

According to the *Outdoor Participation Topline Report 2022*, by the Outdoor Foundation, 54% of the U.S. population, ages 6 and over, participated in outdoor recreation in 2021, which in Delta would equate to 17,884 people. In addition, the report states that the Midwestern region of the US, which includes Michigan, has the second highest rate of outdoor participation in the Country. Of those who participate in outdoor recreation nationally it is split 53% males and 47% female (Delta is almost identical to this split). This report also found the following trends:

- Since the COVID-19 pandemic was declared in March 2020, the number of new outdoor recreation participants has increased by 26%.
- The most popular outdoor activities by participation rate include hiking, camping, fishing, running and biking.
- The number of children participating in outdoor recreation is up, but they are participating less frequently.
- The number of participants 55 years old and older has increased more than 14% since 2019.
- The most popular team sports include basketball, baseball, soccer, softball, and football.
- The number 1 reason for participating in outdoor recreation was to get exercise.

According to the *2022 Participation Report* by the Physical Activity Council, 76% of the U.S. population ages 6 and over are active on some level which in Delta would equate to 25,170 active people. The report also found:

- Interest in outdoor recreation is on the rise due to people wanting to experience nature, join fitness classes, and participate in team sports.
- Fitness sports (67%), outdoor sports (54%), individual sports (42%), and team sports (22%) show the highest participation rates.
- Racket sports (14%), water sports (14%), and winter sports (8%) show lower participation rates.
- Participation in fitness sports and outdoor sports are on the rise over the last 5 years.
- Participation in individual sports, team sports, and water sports are seeing declining rates over the last 5 years.

According to the 2022 NRPA Americans' Engagement with Parks Report 1 in 5 Americans ride bikes to parks. Gen-Xers are more likely to walk to a park while Millennial's are more likely to ride a bike to parks. These age groups make up approx. 32% of the Delta population. The report

also indicates that 62% of respondents visit parks to be with family and friends while 54% visited parks for exercise.

Taking these use patterns and transferring them to Delta, the following activities would capitalize on trends as they relate to outdoor recreation and population in the Township:

- Look for non-motorized/walking trail opportunities to connect parks. This aligns with desires noted in the on-line survey and documented from the public input open house.
- Consider adding fitness equipment in parks, or look for opportunities for partnerships to provide this activity along with programs.
- Consider expanding team sport activities.
- Consider providing opportunities for camping and fishing activities.
- Consider developing adventure sports such as BMX biking and cross-country skiing.

Age also plays an important role in recreation as it relates to activity and participation. According to the *2022 Participation Report* by the Physical Activity Council, the most active group (82%) is those 18 and under, followed by those 18-34 (76%), those 35-49 (72%), and those 50 and older



(67%). The report also found the following:

- Outdoor sports and team sports have the highest participation rates for those 18 and under.
- Fitness sports and outdoor sports have the highest participation rates for those 18-35 and 35-49, however the younger group is more likely to participate in water sports.
- Those 50 and older prefer fitness activities, particularly low impact activities such as walking, cycling, or aquatics.
- The 18 and under group are growing up in the age of technology. Nationally, the use of technology while engaging in outdoor recreation is high in this age group. Recreation participants in this group are more likely to use smart phones and other devices to engage in outdoor recreation.
- The top three factors that motivate youth/families to participate in outdoor activities and visit recreational facilities are to be with family and friends (61%), participate in organized and team sports (59%), and to experience excitement/adventure (46%).
- The top three factors that hamper youth/families from participation in outdoor activities are lack of time (38%), lack of interest in available activities (20%), and safety concerns (17%).
- Most participants under the age of 18 are visiting parks with parents/families and relying on family members to take them to parks.
- Those in the middle aged group are more likely to visit a park to be closer to nature, minimize stress, and for fitness.
- Those in the 23-43 age group are more likely to visit parks to experience excitement and adventure. Family oriented recreational facilities will also be important to this group.

The largest population group in the Township is the 50 and older group which make up 42.5% of the population. This group is the least active population group being 66.3% active. Fitness

sports represent the highest participation activity in this group and they are least likely to play team sports. The top factors that motivate this group to participate in outdoor activities and visit recreational facilities are to get exercise (55%) and be close to nature/enjoy open space (55%).

The following activities would benefit this age group based on the trends: recreational activities geared toward active seniors such as fitness classes, pickleball, bocce, shuffleboard, and fitness trails; open space and natural resource features to enjoy nature and go for walks; non-motorized trail systems within parks and regionally.

The second largest population group includes those aged 18-34 which make up 23% of the township population and the next two largest groups include 35-49 at 17% and 18 and under at 16.8%.

The following activities would capitalize on trends as they relate to these groups:

- Develop programs and facilities that support adventure recreation.
- Continue to develop youth sports programs and provide facilities for organized sports.
- Offer technology focused activities as an integral component to recreation programs and facilities.
- Offer family oriented programming and park amenities.
- Expand nature based activities by providing nature trails, interpretive signage, boardwalks, and other passive types of recreation.
- Develop programs to attract young professionals.



Description of the Public Input Process

Delta Township encourages its residents to take an active role in planning for their community's recreational opportunities. The Township appreciates the fact that recreation planning plays an important role in maintaining the quality of life in a community and therefore tries to be responsive to citizen needs and desires for parks and recreation. Community outreach is one way of obtaining a perspective on the needs and desires of the community and engaging in a process that includes; developing realistic alternatives, formulating goals, policies, and recommendations for public and private decisions, developing criteria to measure change, and involving people in the planning, design and decision processes.

In order to ensure that the Township's parks and recreation offerings are aligned with the needs of the community, and to understand the community perception of the level of service being provided, the Township engaged in a public input process.

Community Outreach

The community outreach process included the following: an on-line survey, a public input open-house workshop, a Park Commission input meeting, a Township Board input meeting, a 30-day public review period, and open public hearings. The input and opinions received at these meetings helped the administration and facilitator provide the basis for revising the goals and objectives from the previous plan.

On-Line Survey

In May of 2022 the Township developed an on-line survey to solicit input and ideas from its residents regarding current use and future needs of the Township's parks, recreation and programs, services, maintenance, and facilities. The survey was conducted over an approximate 5-month period using an on-line survey tool (Survey Monkey).

The survey was promoted to the community using a number of methods including: publication in the Township monthly E-newsletter, posting at Township Hall, and through social media platforms including the Township website and Facebook page.

Six-hundred eighty-three (683) individuals elected to fully complete the survey. Respondents were 67% female and 30% male (3% chose not to answer or identified as other). Eighty-five (85) percent of the respondents were Township residents, with 41% residing in the northeast section of the Township, 21% residing in the northwest section, 15% residing in the southwest, and 8% in the southeast. About 46.5% of the respondents indicated that members of their household are in the 25-44 age group, and 38% have household members in the 45-64 age group which indicates the results may focus on family and senior recreation. Approximately 46% of respondents indicated they visited parks more frequently than pre-pandemic whereas 41% indicated number of visits remained the same. See Figures 6.1 through 6.3 for more detailed results of selected categories. The Appendix contains the full survey results.

Public Input Workshop

The Township understands the importance of meaningful citizen input and is committed to using this input to assist in evaluating trends and forming goals and actions. Prior to development of the plan, the Township solicited input and participation from the residents of the Township



through a public input open house workshop. The workshop was intended to develop a general consensus among the participants regarding current issues, needs, desires, and deficiencies regarding parks and recreation in the Township.

VIRIDIS Design Group led the workshop and facilitated the discussions. The open house took place on September 21st at 6:00 pm at the Township Hall, with approximately 25 people attending. The meeting followed a typical open house format to ensure a productive outcome, but encouraged an open and informal atmosphere. Attendees were encouraged to engage in the process to provide perspective and to think about the big picture, in other words the attendees were asked to dream big.

The public workshop was set up as an open house format which allowed participants to come and go during the allotted time and spend as much or as little time as they needed to

Figure 6.1: Demographics of Survey Respondents

Gender	Survey Respondents	Ages in Household	Survey Respondents
Male	30%	0-17	31%
Female	67%	18-24	6.7%
		25-44	46.5%
		45-64	38%
		65-84	25%
		85+	0.6%

Live in the Township	Survey Respondents
Yes	85%
No	15%

Figure 6.2: On-Line Survey Results: Patterns of Park Use

Top Facilities with Most Importance	Survey Respondents	Top Ranked Needed Facilities	Survey Respondents
Walking/Jogging	65%	Walking/Nature Trails	52.8%
Nature Trail	59.5%	Bike Path/Trails	49%
Playground	40%	Farmers Market	47%
Biking	37.6%	Splash Pad	33%
Pickleball	25%	Pool	30.5%

Highest Desired Community Events	Survey Respondents	Top Ranked Needed Programs	Survey Respondents
Outdoor Concerts	55%	Fitness Classes	30.8%
Family Events	48%	Nature Based	28.7%
Nature Events	45%	Youth Sports	27.5%
Holiday Events	44%	Concert Series	26.7%
Run/Walk Events	38%	Swimming Lessons	25.33%

Park Visits	Survey Respondents	Reason Preventing Park Use	Survey Respondents
Daily	12.63%	No barriers / using parks	55%
Weekly	50.66%	No amenities of interest	21%
Monthly	23.49%	Too busy	17%
Every 6 Months	7.64%	Program not offered	14%
< Every 6 Months	5.58%	Safety concerns	14%

provide input. Upon checking in at the meeting, participants were provided with a packet of information that included the purpose of the meeting, poling dots, comment cards, and a questionnaire that asked for information about the park system.

Three interactive stations were set up and participants were able to move through the meeting at their own pace. Township staff and VIRIDIS facilitated the stations. The first station included a map of the existing city park system and participants were asked to provide feedback regarding the existing park system. Questions such as “what is the township doing well” or “what could be done better” were posed to participants. Feedback was written on post-it notes and stuck to the map. Station 2 was the dot poling station, where images of park amenities, programs, and activities were displayed and

participants were asked to place dots on their top priorities. The third station posed a series of questions regarding park facilities and participants were asked for feedback on what is important to them regarding recreation needs, safety concerns, and future connections. Refer to Figure 6.4 for a brief summary of public workshop feedback and refer to the appendix for all public input feedback.

30-Day Public Review

Once a draft of the Parks and Recreation Master Plan was complete, citizens were provided with a 30-day period to review and comment on the plan. A copy of the plan was made available for public review at the Township Hall, the Township Library, and published on the Township website on December 06, 2022. To notify the residents that a draft of the plan was available for review, a notice was published on the Township website,

Figure 6.3: On-Line Survey Results: Satisfaction Levels

Benefits of parks	Survey Respondents	Non-Township Parks	Survey Respondents
Improve Health	66%	County Parks/Trails	65%
Best Place to Live	64%	State/Federal Parks	61%
Reduce Stress	52%	Nature Center	53%
Preserve Open Space	51.6%	City of Lansing Parks	51%
Reduce Crime	18%	School Facilities	45%

What to focus on for next 5-years	Survey Respondents	Top Maintenance Issues	Survey Respondents
Safety	36%	Cleanliness	54%
Non-Motorized Trails	33%	Safety	30%
Park Cleanliness	30%	Repair items	22%
Youth Programs	22.5%	Lighting	17%
Acquisition/Expansion	20%	Landscaping	15%

Quality of Programs	Survey Respondents	Overall Appearance of Parks	Survey Respondents
Excellent	22%	Excellent	22%
Good	43%	Good	61%
Fair	7%	Fair	12%
Poor	1%	Poor	0.74%
Did not participate	27%	Unsure	2%

Township Facebook page, posted at the Township Hall, and noticed in the local newspaper, describing the purpose of the 30-day review period. A copy of the notice that was published/posted is included in the Appendix.

Public Hearings and Meetings

On December 19, 2022, the Township Parks Board held a public meeting and reviewed and discussed the Parks and Recreation Master Plan. On January 16, 2023 the Township Board of Trustees held a public hearing to review the plan and accepted input at its regularly scheduled meeting prior to adoption. Both of these meetings were open to the public and presented the opportunity for the public to review and comment on the Plan and make recommendations. Meeting minutes, meeting notices, and recommendations can be found in the Appendix.

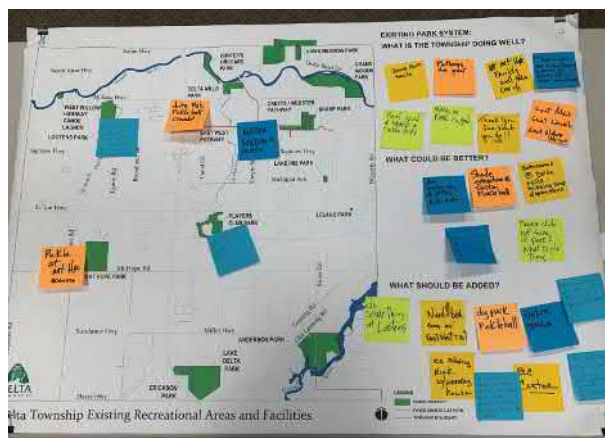


Figure 6.4: Public Input Open House Results

Top recreation facilities from dot polling	Most important regarding recreation
Pickleball courts	Pickleball courts
Non-motorized trails	Winter activities
Athletic Facilities	Develop parks that are undeveloped
Splash Pad	Non-motorized trails
Nature Trails	Recreational center / Indoor fitness facility

Top desired programming ideas	Most important regarding safety
Outdoor concerts / music	Lighting
Winter Activities	Cleanliness - restrooms in particular
Fitness Classes	Wayfinding signs
Kayaking / paddle board rentals	Current Rec Center repairs/replacement
Tied: Farmer's market & Holiday Celebrations	Water-centric parks

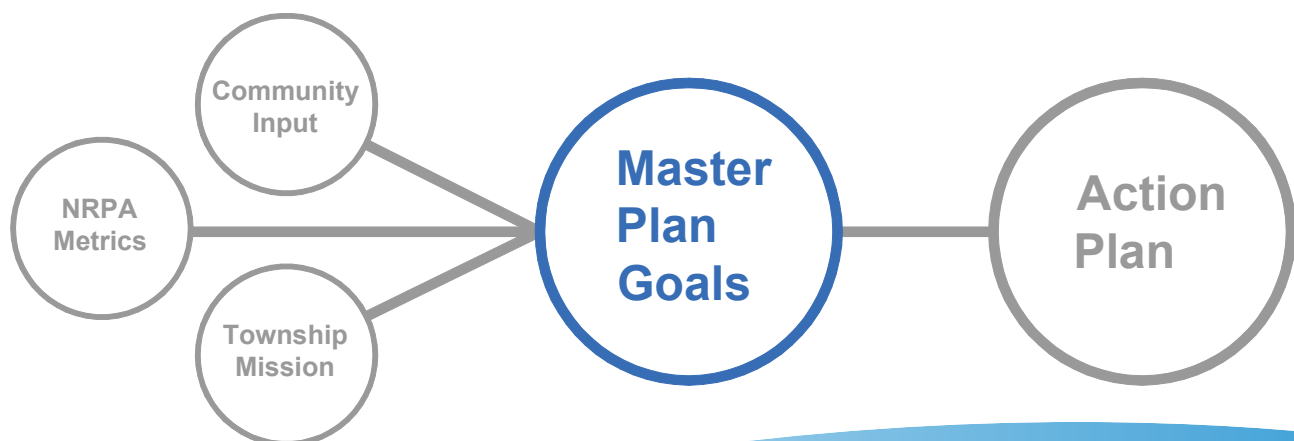
Top desired amenities	Most important regarding connections
Restrooms (year-round)	West side of township under-served
Dog Park	Nature trails with interpretive signs
Picnic pavilion	Bicycle facilities (air filling, bike repair stations)
Habitat Restoration	Connect parks/green space with trails
Rental / four season event facility	Accessible trail facilities (bench, water etc)

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Goals and Objectives

As a result of the recreation inventory, public input, survey results, and trends, Delta Township has developed the following goals and objectives in order to guide the management and development of recreation opportunities for the next 5 years. Goals and objectives are meant to guide the intent of the actions to be taken but flexible enough to reflect changing attitudes and opportunities. A degree of flexibility is essential for the Township to be responsive to its citizens. The goals are long-range in nature and intended to be broad in scope to accommodate future change. The objectives are short-range in nature and intended to direct specific program and development decisions to be made in the next five years. The goals are listed in no particular order.



GOAL 1

Enhance existing recreation facilities to provide a high quality, accessible, and safe recreational experience at all current Township parks and facilities.

- Provide access to all users by meeting or exceeding barrier-free standards.
- Update existing playgrounds to meet current safety and ADA guidelines.
- Evaluate security measures such as call boxes, security systems, and lighting.
- Work with enforcement agencies and community organizations to provide a safe environment for park users.
- Maintain park facilities by providing adequate staff, equipment, and response systems.
- Incorporate low maintenance products and equipment that save energy, reduce wear, reduce environmental impact, and reduce demands on staff.

GOAL 2

Preserve, protect, and improve historic, natural, scenic, and environmentally sensitive areas for appropriate public use and enjoyment and habitat protection.

- Develop management / maintenance strategies for natural areas including eradication of invasive species, enhancement of natural areas, and protection of water quality.
- Identify land acquisition opportunities to preserve environmentally sensitive areas.
- Provide programs and interpretive facilities that educate the public about the environment.
- Provide programs and facilities that support the conservation, protection, and preservation of the natural environment.

GOAL 3

Expand the diversity of recreation facilities available at new or existing recreation facilities to offer year-round opportunities for individuals of all ages and abilities in order to meet current and future demands.

- Identify new innovative equipment and/or facilities.
- Integrate technology into parks and public spaces.
- Provide playground equipment for all ages.
- Provide wide range of active and passive recreation facilities and programs with four season activities for all ages.
- Acquire property as it becomes available to ensure recreational opportunities keep pace with the needs of the community.
- Promote healthy and active lifestyles through fitness programs, four season recreation, and activities that encourage healthy habits.

GOAL 4

Encourage community partnerships and joint ventures with groups and organizations that have a supportive relationship.

- Identify organizations with similar goals that can be collaborative and share costs for activities and events.
- Collaborate with local agencies, area school districts, adjacent municipalities, and other public organizations to share resources.
- Coordinate with local non-profit organizations to identify synergistic programs and activities.
- Explore opportunities to partner with private organizations to encourage philanthropic investment in Township park and recreation facilities.
- Facilitate partnerships that support venues for cultural, and recreational activities.

GOAL 5

Provide non-motorized and way finding connections between parks, neighborhoods, community facilities, and municipalities.

- Identify potential opportunities for regional non-motorized trail connections to adjacent communities.
- Provide non-motorized connections to connect users with facilities throughout the community.
- Develop a way finding system to assist users locate facilities more easily and locate their proximity within the park system.
- Explore opportunities for easement acquisition for future trail connections.
- Explore opportunities to connect trail systems to local businesses.
- Develop a funding mechanism for long term trail maintenance.

GOAL 6

Acquire property as it becomes available to ensure recreational opportunities keep pace with the needs of the community.

- Plan for long-range needs to develop existing Township owned land, expansion of existing park facilities, and acquire new park property.
- Provide a geographically balanced park system throughout the Township.
- Encourage new residential projects to include parkland and/or open spaces to serve future residents

GOAL 7

Increase community awareness of available park facilities and programs through communication, promotion, and branding.

- Promote volunteer opportunities and other methods of citizen support for programs and parks.
- Encourage public engagement in park facility development and programs through community out reach projects, stewardship programs, and interpretive programs.
- Continue to publicize park events, facilities and programs through social media, newsletters, press releases, web site, promotional events, and other media outlets.
- Increase resident awareness of the Township's park goals, events, and accomplishments to get the community involved in programs and increase use of park facilities.

GOAL 8

Promote healthy and active lifestyles through park and recreation facilities and programs.

- Promote awareness of fitness programs that support healthy lifestyles.
- Provide four season recreation opportunities.
- Provide recreation facilities that encourage healthy habits.
- Target programs for specific age groups based on current trends.

GOAL 9 Explore sustainable funding opportunities for future park development and maintenance.



- Explore partnerships with local corporations.
- Develop a fundraising arm or friends group for maintenance.
- Continue to seek funding opportunities from grants, foundations, millages, and donations.

GOAL 10 Identify opportunities for place making and public space development



- Integrate technology into parks and public spaces.
- Provide space for public art display.
- Provide for the display/use of sustainable technologies in public spaces.
- Use public space to promote the branding and identity of the park system.





Action Plan

While the Master Plan sets out the ambitious vision for the future of Delta's park and recreation system, realizing this vision will require a carefully considered implementation plan, with clear actionable steps. The Action Plan and Capital Improvement Plan of the Delta Township Parks and Recreation Plan states the proposed course of development or improvement that will be taken over the next five years. The Goals and Objectives, from the previous section, serve as guidelines for the development of the Action Program. The Capital Improvement Plan focuses on needs identified in the Action Program and projects potential expenditures for the five-year action period on a park-by-park and project-by-project basis. The five-year period will begin in 2023 and extend through 2027. This time period will not be sufficient to accomplish all of the goals and objectives, but begins to prioritize those projects that may be achievable within the initial five years.

The Action Plan focuses on reduction of deficiencies, and expansion and improvements of facilities in a manner that not only meets current needs, but also diversifies the type and quality of recreational opportunities within the Township. These needs were recorded during the public input process and identified during the review and comparison of park standards and demographic/population trends. The Action Plan describes specific priorities to be taken to address these needs. The Capital Improvement Plan specifically itemizes those projects which will be most feasible during the next five years. The proposed schedule will allow for flexibility as funds become available and as opportunities are presented.

The priorities and action plan items for the 2023 Parks and Recreation Master Plan are as follows (not listed in particular order):

Action A: Expansion of Non-Motorized trails

The development of non-motorized facilities including sidewalks, bicycle lanes, and off-road walking paths were strongly supported by the results of the community outreach process. Projects that include non-motorized transportation/recreation trail planning and development are a priority including projects that enhance greenway corridors, connect parks and lakes, support existing trail extensions, eliminate barriers, and enhance the overall trail system. The Township has developed a Non-Motorized Transportation Master Plan that identifies specific non-motorized priorities.

Non-Motorized Transportation / Walkability

The Township should consider working towards implementation of the Non-Motorized Plan to connect parks, schools, residential areas, and commercial hubs to each other and to neighboring communities. In addition, the Township should encourage the development of pathways within existing parks to facilitate universal accessibility and promote a healthy lifestyle.

Action B: Improvements to existing facilities

The most efficient use of Township resources is to focus on projects that improve existing facilities and maximize the potential of Township owned property. Projects that renovate or re-use existing facilities are considered a high priority. This may include improvements that eliminate barriers to increase accessibility for all users, renovations and upgrades to existing equipment and features to ensure modern and clean facilities, and redevelopment or expansion of existing parks to eliminate redundancy and maximize the potential of the site.

Anderson Park

This natural resource park will be improved to include a restroom building to provide accessible facilities to the users of the park. In addition, proposed development will include improvements to vehicular parking, and entrance, educational, and way-finding signs to identify the park, help guide users of the trail, and provide users with an educational experience.

Delta Mills Park

Proposed development for this community park will improve parking, provide access around the park, educate the public about natural features of the park and improve shade and aesthetics. Improvements will include updated playground equipment, updated picnic pavilion, paved parking lots, barrier free pathways, landscaping, benches, and accessible interpretive displays.

Erickson Park

Improvements for this community park will improve spectator and participant comfort, provide an updated playground, and create space for functional use as well as recognition of donors. Improvements will include paved parking lot, accessible pathways, shade structures, wall of fame, entrance plaza, landscaping, and an updated playground.

Grand Woods Park

Proposed development for this large urban park will improve visibility into and out of the park,

provide convenient amenities for park users including restrooms and a pavilion, improve accessibility of trails, improve river vistas, provide access for canoes/kayaks, and landscaping for aesthetics and erosion control. Improvements include entrance drive, restroom, pavilion, baseball backstop repairs, trails, landscaping, site furnishings, and a river overlook.

Hawk Meadow Park

Improvements to this facility will include trail paving and landscaping.

Hunter's Orchard Park

The proposed development for this facility will improve accessibility within the park, provide additional facilities, and improve aesthetics. Improvements include a new restroom facility, landscaping, trail paving and maintenance, site furnishings, new grills, and provide a new trail connection.

Lake Delta Park

Proposed development for this special use park will provide access to the Township's non-motorized system and within the park. The development of a path will include an 8-10 foot wide hard surfaced trail. In addition, repairs and replacement of the existing boardwalk / overlook structure will be considered.

Leland Park

Proposed development for this park will create an entrance feature for the park, enhance the existing playground, and improve surface drainage. Improvements will include an entry plaza, playground, landscaping, grading, accessible path connections, and site furnishings.

Looten's Park

Improvements for this undeveloped park include passive uses including trails and opportunities for nature based education and programs. The proposed development will provide parking, site amenities, and educational interpretive signs.

Mt Hope Park

Continue to implement the overall master plan in phases, including additional baseball fields, trails, restrooms, and paved parking.

Players Club Park

The development of this park will be preceded by a master plan process that will allow for community input. Preliminary ideas include developing the park for a combination of both passive and active uses. Improvements may include a dog park, soccer field, bridge repair, trails, landscaping, site amenities, fishing pier/observation dock, and signage.

Sharp Park

The township has completed a master plan for improvements to this park and should consider implementing the master plan in phases. Improvements include restroom/pavilion renovations, pickleball courts, basketball courts, accessible play structures, upgrades to the baseball facilities, pathways, new amphitheater, and implementation of safety features (see figure 7.1).

Figure 7.1: Sharp Park Master Plan



West Willow Canoe Launch

This is a newly developed site that provides barrier free access to the Grand River for canoeing and kayaking. Future development may include the addition of restrooms, an observation deck, landscaping, and site furnishings.

Enrichment Center

During the public engagement process it was noted many times that users enjoyed this facility however it is in need of many upgrades and renovations. Improvements to existing amenities such as locker rooms and bathrooms should be considered as well as structural and roof improvements.

Action C: Reduce or minimize operating costs

With budgets getting tighter and grants becoming more competitive, projects that can help reduce operating costs are a priority. Examples include: projects that increase efficiency in operations and reduce maintenance, removal or replacement of equipment or features that are costly or inefficient to maintain, projects that consider the use of alternative energy sources and use of recycled materials, and projects that could generate revenue.

Action D: Conserve, preserve, and enhance natural features and environmentally sensitive areas.

During the community outreach process, the community expressed a strong desire to further utilize and protect the Township's natural areas and features, and to implement environmentally sustainable maintenance practices. This includes invasive species management, nature programming, additional trails including soft trails, use of native species, interpretive signage, using recycled materials and alternative sources of energy, and employing environmentally sustainable design and maintenance practices.

Action E: Planning for future parks and recreational needs

As the community continues to grow and change over time, the Township continues to dedicate themselves to improving recreational offerings for the community. The Township understands that in order to continue to ensure that park and recreation offerings adapt to and meet the needs of the growing community, they must be willing to continually invest in and look for new opportunities in parks and recreation programs, facilities, and services. This makes planning for future parks and recreation facilities a high priority. This is reflected in projects that spark or are a part of economic development, projects that seek opportunities for land acquisition, and the pursuit of additional funding mechanisms. The following are examples of projects the Township may consider:

Community Center

During the public input open house, the need for a new community center was made clear, due to the current condition of the Enrichment Center. Building a new community center may require the Township to acquire additional land. The community indicated there is a need for the following; gymnasium, multi-use flexible space that can be used for active or non-active recreation, rentable activity rooms, walking track, fitness equipment, and an exercise studios.

Land Acquisition

The Township will consider opportunities to purchase land for recreational purposes or natural resources value as it becomes available. This could include land for: new sports field development,

passive recreation, splash pad, community center, Dog Park, facilities and acreage available for parks in residential areas, and potential trail easements.

Winter Recreation

Results from both the public input open house and the on-line survey indicated that winter recreation opportunities is a high priority for Township park system. Such activities include cross-country skiing, sledding, ice skating, and snowmobiling.

Pickleball

It was conveyed during the public engagement process that there is a need for developing additional pickleball courts, with an emphasis on courts dedicated to pickleball (not line markings on tennis courts). Pickleball is typically an activity associated with the older population of which the Township has a high number.

Farmers Market

According to the public input on-line community survey, the farmers market was the number three most desired facility that the Township should add. Development of a market would include a dynamic space for food vendors, food trucks, and farmers with farm vehicle access to stalls. The market would include space for entertainment, dining, and outdoor cooking classes. The market would include a section that can be enclosed in the colder months for small retail venues for more permanent market vendors. On off days when not used for the farmer's market the area could be used as a festival site.

Athletic Facilities

The planning process demonstrated a deficit in the quantity of organized sports facilities under Township control. Currently the Township partners with other organizations to meet these needs, but it was mentioned during the public input process that the community would prefer if the Township had their own facilities. With the recent development of Mt Hope Park, the Township is providing two baseball fields and many soccer fields. However, to continue to meet the increasing demand for team sports, and to meet the needs of the high population of youth in the community, the Township may consider adding additional fields for baseball, softball, football, lacrosse, and rugby.

Action F: Develop diverse, balanced, and innovative park facilities

Developing diverse park facilities and incorporating exciting new park features for all ages is a high priority for the Township, as a means of attracting young families and professionals, while providing activities for the aging population. This is also important given the Township's highest population groups are those under 24 and those over 50. The following are examples of projects the Township may consider in response to these needs:

BMX Bike Course

As an addition to the outdoor experiences found in the Delta Parks system, a BMX Bike Course could be developed that will appeal to bikers of all levels with all different types of track elements. This could also include programs on bicycle safety and building cycling skills. This type of activity would meet the needs of the adventure seeking youth population and is one of the most popular activities for those under 18 years old

Outdoor Gym

The Township has recently installed outdoor exercise equipment at Sharp park, however, to meet the needs of the aging population, additional outdoor equipment may need to be added at other park sites within the Township. According to the on-line survey, fitness classes was a high desired program. Fitness activities was identified by the 2022 Participation Report by the Physical Activity Council as having the highest participation rate in 2021. The Township has a high percentage of aging adults, and fitness activities are the most popular activity for this age group.

Other Items

The following items listed below were mentioned as being desirable concepts worth further exploration during the public engagement process:

- Splash pad
- Camping
- Flexible indoor activity space
- Dog park or dog runs
- Increase park marketing and awareness efforts
- Swimming pool
- Additional pickleball courts
- Providing WI-FI at parks
- Additional access to water activities such as kayak/canoe launches
- Bike share program
- Interpretive signs to tell the history of the Township parks as well as flora and fauna / water resources

Action G: Continue to provide a diverse slate of programs for all ages and seasons

In addition to providing cutting edge park facilities, it is equally important to provide exciting programs and activities. This need was discussed during the community outreach process and the Township recognizes the need for diverse programs that cover all ages and seasons.

Improvement Plan

Improvements and development will occur as funds and opportunities evolve. Assistance will be solicited from all available sources and will include both physical and financial support. Local businesses, service organizations, land developers, and governmental agencies will be solicited for monetary and material support. The Township will seek funding assistance from all available sources such as trusts, charitable foundations, and all Federal and State funding programs. The following schedule is a breakdown of the anticipated projects and projected funding for the next five years. All projections are based upon year 2022 costs and will be refined as the program progresses. A range of prices is given for a number of items as the scope of work is yet to be determined.

Changes in the program may occur if projected funding levels increase or decrease, but it is anticipated that the changes would be related more to adjustments in the time schedule rather than specific projects.

Figure 7.2: Action Program - Potential Projects

Delta Township Parks and Recreation Master Plan				
2023 - 2027 Action Program - Potential Projects				
	Project	Cost Estimate	Relates to	
			Action	Goal
PARKS				
Anderson Park	Restroom building	\$200,000	B, D, F	1, 3
Anderson Park	Entrance sign and interpretive signs	\$75,000	B, D, F	1, 2, 3, 7
Delta Mills Park	Parking lot, interpretive signs, site amenities	\$150,000	B, F, G	1, 3, 7
Erickson Park	Shade structure, playground, entry plaza, wall of fame	\$200,000	B, G	1, 3, 4
Grand Woods Park	Parking, restroom, and shelter improvements	\$300,000	A, B, D	1, 3
Grand Woods Park	Trails, baseball field improvements, overlook deck	\$200,000	A, B, D	1, 3, 5
Hawk Meadow Park	Trails and landscaping	\$500,000	A, C, D, G	1, 3, 5, 8
Hunter's Orchard Park	Trails, restroom, landscaping	\$500,000	A, B, D	1, 3, 5, 8
Lake Delta Park	Paved Trails	\$100,000	A, B	1, 5, 8
Lake Delta Park	Boardwalk and overlook deck improvements	\$50,000	A, B	1, 3
Leland Park	Entry plaza, playground, site amenities, landscaping	\$80,000	B	1, 3, 7, 9
Lootens Park	Parking lot, entrance sign, site amenities	\$150,000	E, F	1, 3, 7
Mt Hope Park	Development plans or Master Plan projects	5 million	A, B, E, F	1, 3, 10
Player's Club	Trails, dog park, observation deck, soccer golf	\$100,000	A, E, F, G	1, 2, 4
West Willow Canoe Launch	Restroom building, observation deck	\$300,000	D, E	1, 3
Sharp Park	Pavilion/restroom & courts renovation, playground	3 million	A, B, F, G	1, 3, 5, 8
Enrichment Center	Facility renovations	TBD	B, C, D	1, 4, 7
New Community Center	Multi-use gym, exercise and office space, activity rooms	7 million	E, G	1, 6, 9

Potential Funding Sources / Resource Partners

A variety of funding sources and resource partners may exist to assist with the implementation of proposed recreation projects. A summary of the primary sources are listed below:

Michigan Natural Resources Trust Fund

The MNRTF can provide assistance for the Township's outdoor recreation projects, including land acquisition and physical development of park facilities. This assistance is intended to bolster existing facilities, protect critical natural resources and establish new parkland. Development project grants may range between \$15,000 and \$300,000; there is no limit to acquisition requests. The minimum required local match is 25%.

Michigan Natural Resources Passport Grant

The Passport grant fund program is primarily focused on renovating and improving existing parks, however the development of new parks is considered eligible. The minimum grant request is \$7,500 and the maximum grant request is \$150,000. The minimum required local match is 25%.

Land and Water Conservation Fund

The LWCF is similar to the Trust Fund grant described above, in that it is meant to help fund land acquisition and park development. The minimum grant request amount is \$30,000 and the maximum grant request amount is \$300,000. The minimum required local match is 50%. Natural feature preservation has historically been the primary award criteria; and as such, this opportunity should especially be taken into account when planning for new passive recreation facilities. In addition, the LWCF now places emphasis on trails, “green” technology in outdoor recreation, universal design and coordination among recreation providers.

MDOT Transportation Alternatives Program (TAP)

The TAP fund is a grant program that funds non-motorized paths and streetscapes that enhance the community’s inter-modal transportation system and provide safe alternative transportation options. The program uses federal funds to promote walkability, alternative transportation options, and place based economic development to improve the quality of life for communities. The minimum required local match is 20%.

Clean Michigan Initiative Local Recreation Grants

The program provides funding for the development and renovation of indoor or outdoor public recreation facilities and infrastructure. The goal of the program is to enhance or develop recreational opportunities by improving or replacing an existing public facility, by meeting the recreational needs of the local residents, or by attracting tourists. Grants are awarded for non-acquisition projects in amounts between \$15,000 to \$750,000, based on the need for the project, capability of the local community to operate and maintain the improvement, and quality of the site and project design.

Michigan Natural Resources Tree Planting Grants

Through the Michigan Department of Natural Resources (MDNR), there are two tree planting grant programs that will assist in funding park landscape enhancements and reforestation projects. Applicants must provide at least 50% of the total project cost.

- **Arbor Day Mini-Grants.** This mini-grant program is designed to provide information and technical assistance to municipal governments and volunteer groups for urban and community forest activities related to Arbor Day. Applications are due in July with maximum grant request of \$20,000.
- **Urban Community Forestry Program.** This program provides the same services as above plus management plans, inventories and maintenance activities. These activities do not have to be related to Arbor Day. Applications are due in July with maximum grant requests of \$20,000.

Wetland Program Development

The goals of the Environmental Protection Agency’s wetland program and the Clean Water Action Plan are to increase the quantity and quality of wetlands in the U.S. by conservation and increasing wetland acreage, and improving wetland health. State, tribal, and local governmental agencies, interstate, inter-tribal, and local government associations are eligible to receive grant funds. Applications are due in the fall with a required 25% minimum local match. For more information, visit their website at: www.epa.gov/owow/wetlands/grant_guidelines.

Baseball Tomorrow Fund

This fund, which is provided through a joint partnership between Major League Baseball and the Major League Baseball Players Association, awards annual grants to projects aimed at increasing the number of youth participating in and improving the quality of baseball and softball programs. The program is specifically aimed at children ages 10 to 16, and to those using innovative approaches or providing opportunities to minorities and women. Tax exempt and 501(c)3 organizations are eligible, and Baseball Tomorrow strongly encourages at least 50% matching funds.

Local Fundraising

The Delta Township community is full of active, community-minded residents. Businesses, corporations, private clubs, community organizations, and individuals often contribute to recreation and other improvement programs to benefit the communities in which they are located. Private sector contributions may be in the form of monetary contributions, the donation of land, the provision of volunteer services, or the contribution of equipment or facilities.

Foundations

A foundation is a special non-profit legal entity that is established as a mechanism through which land, cash, and securities can be donated for the benefit of parks and recreation services. The assets are disbursed by the foundation Board of Directors according to a predetermined plan.

People for Bikes

The People for Bikes Grants Program strives to put more people on bicycles more often by funding projects that leverage federal funding and build momentum for bicycling. They seek to assist local organizations, agencies, and citizens in developing bicycle facilities projects. Bikes Belong Coalition accepts applications for grants quarterly for up to \$10,000 each, and will consider successor grants for continuing projects.

Township Funds

The general fund, a special millage, the parks budget, bonds, and the parks capital improvement account are possibilities to help fund new and improved facilities in the Township.

Park Millage

A special millage can help the Township generate funds for development, acquire park land, or to use as leverage for grant applications.

Appendix

- Township Budget
- Documents from Public Hearings and Public Meetings
- On-Line Community Survey Results

Construction Progress

To: Delta Charter Township Board

Cc: Ernie West, Rick Kane, Jennifer Bernardin; Delta Charter Township

From: Brent Bode, P.E. & Melissa Hopkins, P.E.; Tetra Tech

Date: December 14, 2022

Subject: WRRF P1 Update No. 006

1.0 CONSTRUCTION PROGRESS

- General Contractor, Commercial Contracting Corporation (CCC), is on site full time for supervision, safety, processing submittals and RFI's, and planning the work.
- Subcontractor Leidal & Hart (L&H) completed the construction of the concrete masonry unit (CMU) walls for the Electrical Building. L&H mobilized to the Control Building and installed flashing on the exterior perimeter and began constructing the nonstructural interior CMU walls, starting with the locker rooms.
- Subcontractor Allied Mechanical Services, Inc. (AMS) completed installing drain piping in the Aeration Tank foundation slab following placement of the bottom layer of reinforcement by CCC.
- AMS worked with the mason to install the shower plumbing through the Control Building CMU walls. AMS began installation of HVAC ducts throughout the Control Building.
- Subcontractor Superior Electric of Lansing (SE) worked with Hoffman Bros. to excavate the duct bank east of the Control Building. This completed the duct bank running between the Electrical Building and Control Building.
- SE began routing raceways and conduit through the interior of the Control Building. SE installed temporary lighting fixtures to facilitate work in the Control Building.
- SE worked with Hoffman Bros. to excavate the duct bank and electrical manhole locations south of the Electrical Building. SE set four manholes and began routing conduit between the Electrical Building and the manholes.
- Subcontractor Hoffman Bros. worked with SE to excavate south of the Electrical Building and east of the Control Building for electrical manhole and conduit installation.
- CCC completed setting metal trusses, decking, and installation of wood fascia on the Control Building roof structure. CCC began setting metal trusses and decking on the Electrical Building structure to form the roof. CCC constructed temporary enclosures in the Control Building's openings to provide a weather tight structure.
- Subcontractor Christen Detroit has mobilized to site and began installing the roofing system on the

Control Building.

- CCC continued installing the Aeration Tank foundation reinforcement by placing the bottom layer from the east edge towards the center. Following drain piping installation, CCC continued placing the top layer of reinforcement for the first through the fifth pour sections. CCC constructed a bulkhead with a keyway and waterstop for sectioning the first, second, and fourth foundation pours. CCC also began constructing the bulkhead for the fifth and sixth pour sections. CCC has poured foundation sections one, two, and four.
- CCC worked with SE to form, reinforce, and pour the duct bank east of the Control Building.
- Subcontractor RAM Construction Services continued the installation of an air vapor barrier to the Control Building CMU exterior walls.
- Tetra Tech is on site full time and is working on shop drawing review, addressing RFI's, selecting sample colors with the Owner, and observing the work.
 - Submittals received as of 12/14: 203
 - RFI's received as of 12/14: 92

2.0 CONTRACT

2.1 CHANGES

- Change Order No. 1: (\$699,318.00).
- Current Contract Price: \$73,076,682.00
- Final Completion Date: December 2, 2024.

2.2 PAYMENT APPLICATIONS

- Pay Application for work through November 30, 2022 = \$1,470,997.08
- Total paid to date: \$10,492,400.62

3.0 PHOTOGRAPHS

Photo 1: Aeration Tank Foundation, resteel and drain piping progress



Photo 2: Aeration Tank Foundation, two pours completed



Photo 3: Control Building, truss install



Photo 4: Control Building, roofing install



Photo 5: Control Building, interior progress



Photo 6: Control Building interior, view from Electrical Room



Photo 7: Electrical Building, CMU progress



Photo 8: Electrical Building, truss install



Photo 9: Site Overview, 12/8/2022





EATON COUNTY DRAIN COMMISSIONER

BELAIRE HILLS DRAIN

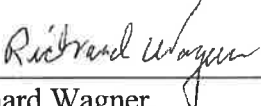
NOTIFICATION OF AT-LARGE ASSESSMENT

TO: KENNETH R. FLETCHER, DELTA CHARTER TOWNSHIP SUPERVISOR

This is to notify you that on December 7, 2022, a Board of Determination ordered and determined that the location, establishment, and construction of the Belaire Hills Drain is necessary and conducive to the public health, convenience, or welfare. A copy of the Order of Necessity is attached for your review.

Please be advised that I have determined that Delta Charter Township will be liable to pay a percent of the cost of the Belaire Hills Drain by reason of benefits at large for public health.

Dated: 12-09-2022



Richard Wagner
Eaton County Drain Commissioner



EATON COUNTY DRAIN COMMISSIONER

BELAIRE HILLS DRAIN

ORDER OF NECESSITY

WHEREAS, a meeting was held by the Board of Determination on Wednesday, December 7, 2022, at Delta Charter Township Hall, 7710 W. Saginaw Highway, Lansing, Michigan 48917; and

WHEREAS, said Board of Determination received evidence and heard testimony regarding the petitions, dated November 5, 2021, November 10, 2021, December 28, 2021, and August 26, 2022, for the location, establishment, and construction of the Belaire Hills Drain and after receiving evidence and hearing testimony made its determination whether the proposed drain project is necessary and conducive to public health, convenience, or welfare pursuant to Chapter 4 of Public Act 40 of 1956, as amended.

NOW, THEREFORE, IT IS HEREBY ORDERED AND DETERMINED that the proposed drain project as set forth in the petitions is necessary and conducive to public health, convenience, or welfare.

DATED: December 7, 2022

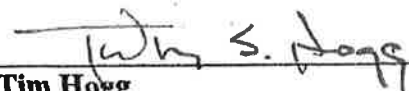
BOARD OF DETERMINATION



Steve Willard



Tom Campbell



Tim Hogg



EATON COUNTY DRAIN COMMISSIONER

BELAIRE HILLS DRAIN

ORDER OF PUBLIC HEALTH DETERMINATION

WHEREAS, petitions, dated November 5, 2021, November 10, 2021, December 28, 2021, and August 26, 2022, have been made and filed with the Eaton County Drain Commissioner for the location, establishment, and construction of the Belaire Hills Drain, pursuant to Chapter 4 of Public Act 40 of 1956, as amended; and

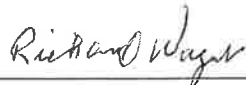
WHEREAS, the petitions were signed by a sufficient number of freeholders with lands liable for assessment in the Belaire Hills Drain Drainage District; and

WHEREAS, the Board of Determination, at a meeting held on December 7, 2022, by a majority vote of the Board, determined that the proposed location, establishment, and construction is necessary and conducive to the public health, convenience, or welfare.

NOW, THEREFORE, the location, establishment, and construction having been determined to be necessary and conducive to the public health, convenience, or welfare, I do hereby determine that the location, establishment, and construction of the Belaire Hills Drain shall benefit public health in the following cities, townships and villages that shall be liable for an at-large assessment:

Delta Charter Township

Dated: 12-09, 2022



Richard Wagner
Eaton County Drain Commissioner

**DELTA CHARTER TOWNSHIP
FINANCE REPORT
FOR TOWNSHIP BOARD MEETING
12/19/2022**

Disbursement requests listed on the following pages, totaling \$2,953,299.49 have been received and reviewed by the Manager, Finance Director, and Clerk. It is recommended that all listed vouchers be approved for payment.

Payroll & Related	379,426.72
Refunds	855.00
Tax Distributions	144,692.69
Vendor Claims	<u>2,428,325.08</u>
Total	<u><u>\$ 2,953,299.49</u></u>

Kenneth R. Fletcher, Township Supervisor

Mary R. Clark, Township Clerk

Dennis R. Fedewa, Township Treasurer

PAYABLES FOR DELTA CHARTER TOWNSHIP
BOARD AGENDA DATE
12/19/2022

Check Date	Check	Invoice Vendor	Description	Amount
11/22/2022	EFT	CSC	AT&T EASEMENT, RECORDING COSTS	39.00
11/29/2022	CCARD	AMAZON MARKETPLACE	MISC OFFICE SUPPLIES	86.06
11/29/2022	CCARD	AMAZON MARKETPLACE	KEY TAGS	55.94
11/29/2022	CCARD	AMERICAN SOCIETY OF CIVIL ENGINEERS	MEMBERSHIP DUES	283.00
11/29/2022	CCARD	BURGER KING	WMB - MEALS	79.03
11/29/2022	CCARD	CALL-EM-ALL	MONTHLY SUBSCR EMERGENCY NOTIFICATIONS	15.00
11/29/2022	CCARD	CITY OF LANSING	ELECTION - PARKING	2.78
11/29/2022	CCARD	DETROIT FREE PRESS	MONTHLY SUBSCRIPTION	9.99
11/29/2022	CCARD	DETROIT NEWSPAPER AGENCY	DETROIT NEWS SUBSCRIPTION RENEWAL	9.99
11/29/2022	CCARD	DHGATE.COM	MOTHER DAUGHTER - JEWELRY BAGS	227.58
11/29/2022	CCARD	FACEBOOK	ADS	28.40
11/29/2022	CCARD	AMAZON MARKETPLACE	BATTERIES - AAA	154.43
11/29/2022	CCARD	HOME DEPOT	CORDLESS BLOWER	371.35
11/29/2022	CCARD	JET'S PIZZA	WMB SNOW AND ASPEN & FIRE PREVENTION	322.36
11/29/2022	CCARD	MI WATER RESOURCES INFORMATION	FEE TO FILE JOINT PERMIT AGREEMENT FOR ULTIUM	51.00
11/29/2022	CCARD	NAME TAG WIZARD	NAME TAGS	144.58
11/29/2022	CCARD	PC/NAMETAG	COMMUNITY AWARDS NAME TAG RIBBONS	150.32
11/29/2022	CCARD	AMAZON MARKETPLACE	WATER RESCUE VESTS	1,177.23
11/29/2022	CCARD	STAYBRIDGE SUITES	FIRE INVESTIGATION TRAINING - B. RILEY	1,389.90
11/29/2022	CCARD	THE GRAND HOTEL	DELTA 39ERS LUNCH	1,170.24
11/29/2022	CCARD	GORDON FOOD SERVICE, INC.	SLUDGE HAUL LUNCHEON	195.22
11/29/2022	CCARD	THE GLASS FOX	AWARDS FOR COMMUNITY AWARDS	359.80
11/29/2022	CCARD	LOWES BUSINESS ACCOUNT	PROPANE TANK	20.98
11/29/2022	CCARD	AMAZON MARKETPLACE	FACE SHIELDS FOR FIRST AID/CPR & MASKS	191.74
11/29/2022	CCARD	WALMART STORES, INC.	FILE BOXES	42.23
11/29/2022	CCARD	SUPERIOR SAW	ROPE - PULL CORD	36.99
11/29/2022	CCARD	AMAZON MARKETPLACE	2020 PALS INSTRUCTOR MANUAL	137.93
11/29/2022	CCARD	THE WALL STREET JOURNAL	MONTHLY SUBSCRIPTION - DIGITAL & PRINT	38.99
11/29/2022	CCARD	GOVERNMENT FINANCE OFFICERS ASSOC	RENEWAL FEES	225.00

11/29/2022	CCARD	ADOBE, INC.	MONTHLY SUBSCRIPTION FOR STOCK PHOTOS	29.99
11/29/2022	CCARD	LOWES BUSINESS ACCOUNT	BATTERIES FOR RESPIRATORS	174.93
11/29/2022	CCARD	STAPLES	EMS PATIENT INFO SHEETS	103.27
11/29/2022	CCARD	AMAZON MARKETPLACE	LOCK LUBRICANT	32.99
11/29/2022	CCARD	HARBOR FREIGHT TOOLS	ELECTRIC HOIST & TOOLS	182.48
11/29/2022	CCARD	MARCO'S PIZZA	RECYCLING - PIZZA	179.70
11/29/2022	CCARD	LOWES BUSINESS ACCOUNT	MISC TOOLS & SUPPLIES	188.00
11/29/2022	CCARD	LANSING REGIONAL CHAMBER	2022 CELEBRATION OF REGIONAL GROWTH AWARD	130.00
11/29/2022	CCARD	COTTAGE INN PIZZA	PIZZA, ELECTION - FOOD	177.07
11/29/2022	CCARD	HONEYBAKED HAM CO. AND CAFE	ELECTION - FOOD	86.50
11/29/2022	CCARD	DOLLAR TREE	CRAFT SUPPLIES & HAND SOAP	20.15
11/29/2022	CCARD	HORROCKS FARM MARKET	PLANTS, STRAW BALES, OPEN HOUSE FOOD	510.98
11/29/2022	CCARD	SHORELINE INN	MML CONFERENCE - LODGING - D.FEDEWA, B.REED	2,271.48
11/29/2022	CCARD	LOWES BUSINESS ACCOUNT	WIRE ENTANGLEMENT TRAINING	111.80
11/29/2022	CCARD	QUALITY DAIRY CO.	DONUTS	69.00
11/29/2022	CCARD	AUTO ZONE	FUEL CAP	16.64
11/29/2022	CCARD	CROWN AWARDS	SPORTS AWARDS	1,354.18
11/29/2022	CCARD	MEIJER, INC.	ELECTION SUPPLIES & FOOD	594.98
11/29/2022	CCARD	STATE OF MICHIGAN	EMS LICENSE RENEWAL - G. GINEBAUGH	75.00
11/29/2022	CCARD	MPARKS	SMRPA REGIONAL GROUP DUES	20.00
11/29/2022	CCARD	FLEETPRIDE	WD-40	37.24
11/29/2022	CCARD	KROGER CO.	PLASTIC/PAPER DINNERWARE	19.35
11/29/2022	CCARD	CARQUEST AUTO PARTS STORES	OIL & FILTERS, SWAY BAR LINKS	166.78
11/29/2022	CCARD	LOWES BUSINESS ACCOUNT	BOARD UP 1526 N CANAL & 1116 CLARK RD	54.14
11/29/2022	CCARD	COMCAST	SERVICE @ MULTIPLE LOCATIONS (OCT - NOV 22)	337.62
11/29/2022	CCARD	BJ'S WHOLESALE	WATER/GATORADE	83.92
11/29/2022	CCARD	O'REILLY AUTO PARTS	INVERTER	64.99
11/29/2022	CCARD	EXPRESSIVE PRINTING	2022 10 STATE WATER STANDARDS	13.95
11/29/2022	CCARD	IMAGIN, INC	PRO FOR PROS WEBINAR	150.00
11/29/2022	CCARD	TAYLOR'S TINS	ALUMINUM CARDS	122.00
11/29/2022	CCARD	U.S. POSTMASTER	3 BOOKS OF STAMPS - L&C HOMEOWNER LETTER	36.00
11/29/2022	CCARD	ZOE LIFE SPA AND SALON	COMMUNITY AWARDS - GIFT CERTIFICATE	100.00
11/29/2022	CCARD	LANSING COMMUNITY COLLEGE	AHA - HEARTSAVER FIRST AID CPR & BLS COURSE	284.00
11/29/2022	CCARD	EATON COUNTY REGISTER OF DEEDS	ST JOE HWY WM ESMTS - RECORDING	31.10

11/29/2022	CCARD	AMERICAN WATER WORKS ASSOCIATION	MEMBERSHIP DUES	2,372.00
11/29/2022	CCARD	SHORELINE INN	MML CONFERENCE	(118.53)
11/29/2022	CCARD	COMCAST	SERVICE @ 4538 ELIZABETH RD (SVCS DISCONNECTED)	(217.62)
11/29/2022	CCARD	CURTIS WEB	TOOLS REFUND	(5.00)
12/05/2022	EFT	CSC	ST JOE WATER MAIN PATHWAY EASEMENT FILING	39.00
12/07/2022	EFT	EATON COUNTY TREASURER	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	53,391.90
12/07/2022	EFT	EATON RESA	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	1,420.31
12/07/2022	EFT	GRAND LEDGE PUBLIC SCHOOLS	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	4,217.79
12/07/2022	EFT	INGHAM INTERMEDIATE SCHOOLS	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	24,700.59
12/07/2022	EFT	LANSING COMMUNITY COLLEGE	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	17,952.82
12/07/2022	EFT	LANSING PUBLIC SCHOOLS	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	641.47
12/07/2022	EFT	WAVERLY COMMUNITY SCHOOLS	TAX DISTRIBUTIONS 11/16/22 - 11/30/22	42,367.81
12/07/2022	EFT	CSC	GM EASEMENTS-ULITUM 3 PROJECT - RECORDING FEE	78.00
12/07/2022	325582	CAPITAL AREA UNITED WAY	PAYROLL WITHHOLDING 12/2/22	29.23
12/07/2022	325583	CONSUMERS ENERGY	SERVICE @ MULTIPLE LOCATIONS, STREET LIGHTS	4,819.77
12/07/2022	325584	FIDELITY SECURITY LIFE INS/ EYEMED	VISION INSURANCE COVERAGE - DECEMBER 2022	1,413.63
12/07/2022	325585	WEX BANK	FUEL PURCHASES FOR TWP FLEET NOV 2022	15,408.71
12/07/2022	325586	LANSING BOARD OF WATER & LIGHT	SERVICE @ MULTIPLE LOCATIONS, STREET LIGHTS	99,624.42
12/07/2022	325587	LOOMIS	ARMORED SERVICE - NOVEMBER 2022	856.03
12/07/2022	325588	KELVIN MCGILL	NOVEMBER B-BALL CAMP	560.00
12/07/2022	325589	KRISTINE RENDON	REFUND P&R RENTAL DEPOSIT	265.00
12/07/2022	325590	DAN UNKEFER	ST. JOE WATER MAIN PATHWAY - PARTIAL PAY	200.00
12/07/2022	325591	VERIZON	TOWNSHIP TABLETS & AIR CARDS NOVEMBER 2022	1,689.83
12/08/2022	EFT	CSC	ST JOE WATER MAIN EASEMENT - FILING FEES	78.00
12/14/2022	325608	COMCAST	SERVICE @ 7708 ADMINISTRATION DR	47.54
12/14/2022	325609	GRANGER	CONTAINER SERVICE @ MULTIPLE LOCATIONS - DEC	4,750.27
12/14/2022	325610	LANSING BOARD OF WATER & LIGHT	WHOLESALE WATER BILLING NOVEMBER 2022	211,249.98
12/14/2022	325611	LOWES BUSINESS ACCOUNT	SUPPLIES & MATERIALS FOR MULTIPLE DEPTS	1,746.42
12/14/2022	325612	ALLIED SIGNS INC	REFUND - BD PAYMENT	90.00
12/14/2022	325613	SUSAN PLUNKETT	CEMETERY FOUNDATION OVERPAYMENT REFUND	210.00
12/14/2022	325614	CHRISTINA CLARK	REFUND P&R RENTAL DEPOSIT	250.00
12/14/2022	325615	VERONICA MARTINEZ	REFUND P&R RENTAL DEPOSIT	250.00
12/21/2022	325616	THE ACCUMED GROUP	BILLING SERVICE FEE - EMS & FIRE - OCT & NOV	22,540.53
12/21/2022	325617	AIRGAS USA, LLC	OXYGEN & CYLINDER LEASE RENEWAL	1,331.12

12/21/2022	325618	INTERSTATE BILLING SERVICES, INC	PARTS & FLEX PINS	34.49
12/21/2022	325619	AMBS MESSAGE CENTER	ANSWERING SERVICE - PARKS & UTILITIES (DEC 22)	231.45
12/21/2022	325620	ASBESTOS ABATEMENT INC.	ASBESTOS/HAZMAT REMOVAL	4,550.00
12/21/2022	325621	AUTO VALUE PARTS STORE	MISC PARTS & SUPPLIES	1,977.44
12/21/2022	325623	LANSING WELDING, INC.	REPAIR ALUMINUM FIRE HOSE FLANGE	25.00
12/21/2022	325624	BOUND TREE MEDICAL, LLC	MEDICAL SUPPLIES	5,321.00
12/21/2022	325625	BOYNTON FIRE SAFETY SERVICE	FIRE ALARM SYSTEM - ANNUAL MONITORING	1,003.00
12/21/2022	325626	CANON FINANCIAL SERVICES, INC.	MONTHLY COPIER CONTRACT CHARGE - NOV 22	1,064.00
12/21/2022	325627	CINTAS CORPORATION #725	MATS FOR SUBSTATION	80.36
12/21/2022	325628	CLASSIC COFFEE CO.	COFFEE, CREAM, SUGAR	82.00
12/21/2022	325629	COMMERCIAL BLUEPRINT, INC.	PAPER, INK CARTRIDGE	405.66
12/21/2022	325630	CRANDELL BROS. TRUCKING CO.	SAND	948.01
12/21/2022	325631	CROWNE PLAZA LANSING WEST	COMMUNITY AWARDS - FOOD, AV	6,425.10
12/21/2022	325632	DARLING INGREDIENTS, INC.	OUTDOOR GREASE RECYCLING	75.00
12/21/2022	325633	DELTA EMBROIDERY, INC.	SHIRTS FOR K WEBSTER & H STANLEY	95.43
12/21/2022	325634	DINGES FIRE COMPANY	SMOKE LIQUID	663.64
12/21/2022	325635	DUBOIS-COOPER	CHECK VALVE FLOPS W WILLOW LS	480.00
12/21/2022	325636	EATON COUNTY	56A DISTRICT COURT PMTS - OCT 2022	1,862.86
12/21/2022	325637	EATON COUNTY TREASURER	DISTRIBUTION OF SPACE TAX MONIES - NOV 22	520.00
12/21/2022	325638	EATON COUNTY TREASURER	SHERIFF CONTRACTUAL - DECEMBER 2022	337,843.00
12/21/2022	325639	EATON COUNTY DRAIN COMMISSION	EATON COUNTY DRAIN OFFICE CHARGE, MUNTON	66.00
12/21/2022	325640	EATON COUNTY ROAD COMMISSION	OPTICOM MAINTENANCE AT ST JOE/MARKETPLACE	5,212.00
12/21/2022	325641	J.C. EHRLICH	PEST CONTROL	70.00
12/21/2022	325642	ETNA SUPPLY COMPANY	METER VALVES, IPERL METERS, CURB BOXES, ETC	56,508.00
12/21/2022	325643	FACILITY SOLUTIONS, INC.	JANITORIAL SUPPLIES	240.48
12/21/2022	325644	FERGUSON WATERWORKS #3386	1" COPPER	4,338.00
12/21/2022	325645	FIBERTEC ENVIRONMENTAL SERVICES	DT-CAT-001-TTO	836.00
12/21/2022	325646	FIRST ADVANTAGE OCCUPATIONAL HEALTH	EMPLOYEE SCREENING	162.18
12/21/2022	325647	GORDON FOOD SERVICE, INC.	RECYCLING FOOD	76.44
12/21/2022	325648	GRAINGER	JANITORIAL SUPPLIES & MISC TOOLS	1,784.07
12/21/2022	325649	HALLAHAN & ASSOCIATES	PROFESSIONAL SERVICES THROUGH 11/30/22	1,228.50
12/21/2022	325650	HAMMOND FARMS	SOIL	160.47
12/21/2022	325651	ICU LOGOS	TSHIRTS W/ LOGOS	321.00
12/21/2022	325652	INTERNATIONAL MINUTE PRESS	PRINT, FOLD, MAIL W/S BILLS - NOVEMBER 22	5,322.83

12/21/2022	325653	I/O SOLUTIONS, INC.	NEXT GENERATION FIREFIGHTER/EMT EXAMS	140.00
12/21/2022	325654	JETT PUMP & VALVE LLC	LANSING RD LIFT STATION PUMP	6,419.36
12/21/2022	325655	AARON KEEL	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	50.00
12/21/2022	325656	PAUL KELSEY	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	100.00
12/21/2022	325657	KENDALL ELECTRIC INC.	EL2 PARTS WATER PANEL U3 METER ROOM	6,016.31
12/21/2022	325658	KIMBALL MIDWEST	DISPENSERS, GREASE, CLEANERS, ETC	972.30
12/21/2022	325659	RICK KINSMAN	IAEI REGISTRATION, LODGING	246.34
12/21/2022	325660	ANTONIA KRAUS	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	150.00
12/21/2022	325661	MARY KWAS	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	150.00
12/21/2022	325662	LONNIE LEE	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	100.00
12/21/2022	325663	LIBERTY PLUGINS, INC.	ANNUAL ACCESS FEES	324.00
12/21/2022	325664	LYDEN OIL COMPANY	OIL	1,668.00
12/21/2022	325665	USA SOFTBALL OF MICHIGAN	SOFTBALLS	5,500.00
12/21/2022	325666	MAURER'S	UTILITIES/PARKS UNIFORMS - NOVEMBER 2022	888.36
12/21/2022	325667	MIKE MCKANE	CHAIN SHARPENING - REIMBURSEMENT	56.00
12/21/2022	325668	MENARDS	MISC TOOLS & SUPPLIES, CHRISTMAS TREE	934.48
12/21/2022	325669	MPC CASH-WAY LUMBER CO. INC.	LUMBER	266.10
12/21/2022	325670	MUNICIPAL SUPPLY CO.	8X30 REPAIR CLAMPS	2,032.05
12/21/2022	325671	MICHIGAN WATER ENVIRONMENT ASSOC.	MICHAEL MCKANE MEMBERSHIP DUES	80.00
12/21/2022	325672	MYERS PLUMBING & HEATING, INC.	VALVE ACTUATOR MAINTENANCE, BACKFLOW PREV	1,032.01
12/21/2022	325673	NELSON TANK ENGINEERING & CONS	CHANGE ORDER, PROJECT CLOSEOUT, PREP OF FINAL	120.00
12/21/2022	325674	NYE UNIFORM	UNIFORMS	432.50
12/21/2022	325675	OHM ADVISORS	SEWER MODELING - PROFESSIONAL SERVICES	2,215.75
12/21/2022	325676	PHOENIX SAFETY OUTFITTERS	HELMETS WITH GOGGLES	1,173.12
12/21/2022	325677	MILES PIER	BIBS	94.99
12/21/2022	325678	PVS TECHNOLOGIES, INC.	FERRIC CHLORIDE SOLUTION	9,964.29
12/21/2022	325679	QUALITY TIRE, INC.	WHEEL WELD, TIRES, TIRE REPAIR, NEW VALVE	827.13
12/21/2022	325680	SAFEWARE, INC.	OXYGEN	508.12
12/21/2022	325681	SITEONE LANDSCAPE SUPPLY, LLC	SALT FOR SIDEWALKS	445.90
12/21/2022	325682	THE SHYFT GROUP USA, INC.	REPAIR ON TRUCK 1C038801	3,461.10
12/21/2022	325683	SPICER GROUP	MS4 PROGRAM - PROF SVCS THROUGH 11/22/22	683.75
12/21/2022	325684	STATE OF MICHIGAN	NPDES ANNUAL PERMIT FEE - CUST # 489001	5,500.00
12/21/2022	325685	SUNDANCE CHEVROLET	BRAKE PADS & ROTORS	1,863.39
12/21/2022	325686	TETRA TECH, INC.	GM ULTIUM WM DESIGN - PROFESSIONAL SERVICES	52,884.08

12/21/2022	325687	THRUN LAW FIRM P.C.	LEGAL SERVICES - NOVEMBER 2022	5,602.25
12/21/2022	325688	TL CONTRACTING, INC.	WMB REPAIR - SAGINAW HWY	8,136.12
12/21/2022	325689	TRI-COUNTY REGIONAL PLANNING COMM	WATER FUND - MEMBERSHIPS AND DUES	11,232.00
12/21/2022	325690	CARMEN TURNER	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	150.00
12/21/2022	325691	VIRIDIS DESIGN GROUP	5-YEAR RECREATION PLAN UPDATE - PROF DESIGN	1,000.00
12/21/2022	325692	WALLACE OPTICIANS	SAFETY GLASSES - W COMPTON	223.40
12/21/2022	325693	ROBERT WELDON	PARKS, REC & CEMETERIES PER DIEM - 4TH QTR	150.00
12/23/2022	EFT	COMMERCIAL CONTRACTING CORPORATION	WWTP IMPVMTS - PHASE 1	<u>1,470,997.08</u>
			PAYABLES	\$ 2,573,902.00
			PAYROLL PAY ENDING 11/26/22	<u>\$ 379,397.49</u>
				<u><u>\$ 2,953,299.49</u></u>

CHARTER TOWNSHIP OF DELTA
Public Meeting Room A
Delta Township Administration Building
7710 West Saginaw Highway
Lansing, MI 48917

**TOWNSHIP BOARD REGULAR MEETING MINUTES FOR
MONDAY, DECEMBER 5, 2022**

I. CALL TO ORDER

Supervisor Fletcher called the meeting to order at 6:00 PM.

II. OPENING CEREMONIES – Pledge of Allegiance

III. ROLL CALL

Members Present: Supervisor Kenneth R. Fletcher, Clerk Mary R. Clark,
Treasurer Dennis R. Fedewa, Trustee Elizabeth S. Bowen,
Trustee Fonda J. Brewer, Trustee Andrea M. Cascarilla, and
Trustee Karen J. Mojica

Members Absent:

Others Present: Manager Brian T. Reed, Finance Director Courtney Nicholls,
Parks, Recreation and Cemeteries Director Marcus
Kirkpartrick, Township Engineer Ernie West

IV. PRESENTATIONS AND PROCLAMATIONS

V. SET/ADJUST AGENDA

TRUSTEE MOJICA MOVED TO APPROVE THE AGENDA AS PRESENTED.

TRUSTEE CASCARILLA SUPPORTED THE MOTION. THE MOTION PASSED
7-0.

VI. PUBLIC HEARING

VII. COMMUNICATIONS

1. Belaire Hills Drain – Notice of Meeting of Board of Determination

VIII. PUBLIC COMMENTS

IX. INTRODUCTION OF ORDINANCES

X. PASSAGE OF ORDINANCES

XI. CONSENT AGENDA

MONDAY, DECEMBER 5, 2022, TOWNSHIP BOARD MINUTES – REGULAR
MEETING CHARTER TOWNSHIP OF DELTA

SUPERVISOR FLETCHER MOVED TO APPROVE THE CONSENT AGENDA
AS PRESENTED.

TREASURER FEDEWA SUPPORTED THE MOTION.

ROLL CALL:

AYES: SUPERVISOR FLETCHER, CLERK CLARK, TREASURER
FEDEWA, TRUSTEE BOWEN, TRUSTEE BREWER, TRUSTEE
CASCARILLA, AND TRUSTEE MOJICA

NAYS: NONE

ABSENT:

THE MOTION PASSED 7-0.

2. Bills and Financial Transactions

Bonds/Debt Payments	\$	
Payroll & Related	\$	561,255.86
Refunds	\$	803.73
Tax Distributions	\$	
Vendor Claims	\$	529,998.09
Total	\$	1,092,057.68

SUPERVISORS FLETCHER MOVED TO APPROVE THE CONSENT
AGENDA AS PRESENTED.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION
PASSED 7-0.

3. Minutes

a. November 21, 2022

SUPERVISOR FLETCHER MOVED TO APPROVE THE CONSENT
AGENDA AS PRESENTED.

TREASURER SUPPORTED THE MOTION. THE MOTION PASSED
7-0.

**4. Set the Public Hearing for Adoption of the Parks & Recreation Master
Plan**

MONDAY, DECEMBER 5, 2022, TOWNSHIP BOARD MINUTES – REGULAR
MEETING CHARTER TOWNSHIP OF DELTA

SUPERVISOR FLETCHER MOVED THAT THE DELTA TOWNSHIP BOARD SET A PUBLIC HEARING FOR DECEMBER 19, 2022, TO

CONSIDER A RESOLUTION APPROVING THE 2023-2027 PARKS AND RECREATION MASTER PLAN; AND FURTHER THAT THE TOWNSHIP CLERK SHALL ADVERTISE SAID PUBLIC HEARING.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

5. 2022 Ultium 3 Battery Plant Request to Approve First Amendment to Corrective Grant of Easement for Water Tower and Water and Sanitary Sewer Easement Agreement

SUPERVISOR FLETCHER MOVED THAT THE DELTA TOWNSHIP BOARD APPROVE THE FIRST AMENDMENT TO CORRECTIVE GRANT OF EASEMENT FOR WATER TOWER AND EASEMENT AGREEMENT FOR WATER AND SANITARY SEWER SERVICES WITH GM FOR THE ULTIUM 3 PROJECT AS PRESENTED.

I FURTHER MOVE THAT THE TOWNSHIP MANAGER BE AUTHORIZED AND DIRECTED TO SIGN THE EASEMENTS ON BEHALF OF THE TOWNSHIP.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

6. Carrier Creek Interceptor Sewer Repair Project Drain Crossing Agreements for Gettysburg Drain and Carrier Creek Drain

SUPERVISOR FLETCHER MOVED THAT THE DELTA TOWNSHIP BOARD APPROVE THE CROSSING AGREEMENTS BETWEEN DELTA TOWNSHIP AND THE EATON COUNTY DRAIN COMMISSIONER FOR THE PURPOSES INSTALLING, MODIFYING AND/OR REMOVING SANITARY SEWER FACILITIES WITHIN THE DRAINAGE DISTRICTS EASEMENTS, AS DESCRIBED IN THE AGREEMENT.

I FURTHER MOVE THAT THE TOWNSHIP SUPERVISOR AND CLERK BE AUTHORIZED AND DIRECTED TO SIGN THE AGREEMENT ON BEHALF OF THE TOWNSHIP.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

7. Salary Schedules and Compensation Adjustments effective January 1, 2023

MONDAY, DECEMBER 5, 2022, TOWNSHIP BOARD MINUTES – REGULAR
MEETING CHARTER TOWNSHIP OF DELTA

SUPERVISOR FLETCHER MOVED THAT THE DELTA TOWNSHIP BOARD APPROVE ADJUSTING THE CURRENT FULL-TIME SALARY SCHEDULE WAGES BY 5% TO BE EFFECTIVE JANUARY 1, 2023; AND

I FURTHER MOVE THAT THE DELTA TOWNSHIP BOARD APPROVE ADJUSTING THE CURRENT PART-TIME SALARY SCHEDULE WAGES BY 5% TO BE EFFECTIVE JANUARY 1, 2023; AND

I FURTHER MOVE THAT THE DELTA TOWNSHIP BOARD APPROVE ADJUSTING THE ANNUAL COMPENSATION OF BRIAN REED, TOWNSHIP MANAGER, PER THE EMPLOYMENT AGREEMENT EXHIBIT 1, BY 5% TO BE EFFECTIVE JANUARY 1, 2023; AND

FINALLY, I FURTHER MOVE THAT THE DELTA TOWNSHIP BOARD APPROVE ADJUSTING THE ANNUAL COMPENSATION OF THE TOWNSHIP BOARD, PER THE BOARD COMPENSATION AND BENEFITS POLICY, BY 5% TO BE EFFECTIVE JANUARY 1, 2023.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

XII. ITEMS REMOVED FROM CONSENT AGENDA FOR DISCUSSION

XIII. ITEMS ADDED TO AGENDA UNDER SECTION V. SET/ADJUST AGENDA

8. Introduction of Rezoning Request for Davis Highway in Case No. 10-22-7

SUPERVISOR FLETCHER MOVED THAT THE DELTA TOWNSHIP BOARD RE-INTRODUCE THE REQUEST TO REZONE THE PROPERTIES DESCRIBED IN CASE NO. 10-22-7 FROM AG2-AGRICULTURAL/RESIDENTIAL TO I-INDUSTRIAL.

I FURTHER MOVE THAT THE REZONING REQUEST BE CONSIDERED FOR FINAL ACTION BY THE TOWNSHIP BOARD AT THE DECEMBER 19, 2022, REGULAR MEETING AND THAT THE CLERK IS HEREBY DIRECTED TO PUBLISH NOTICE OF SAID MEETING IN THE LOCAL NEWSPAPERS AS IS REQUIRED.

TREASURER FEDEWA SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

XIV. OLD ITEMS OF BUSINESS

XV. NEW ITEMS OF BUSINESS

9. Poverty Exemption Guidelines for the 2023 Tax Year

MONDAY, DECEMBER 5, 2022, TOWNSHIP BOARD MINUTES – REGULAR
MEETING CHARTER TOWNSHIP OF DELTA

TRUSTEE CASCARILLA MOVED THAT THE DELTA TOWNSHIP BOARD APPROVE THE RESOLUTION AND ADOPT THE 2023 POVERTY EXEMPTION GUIDELINES INCLUDING THE ATTACHED APPLICATION FORM WITH INSTRUCTIONS.

TRUSTEE BOWEN SUPPORTED THE MOTION. THE MOTION PASSED 7-0.

XVI. MANAGER’S REPORT – Brian Reed, Township Manager

Manager Reed presented his updates to the Township Board:

- Federal money not approved for wastewater treatment plant
- Athena luncheon is tomorrow, December 6, 2022
- Update on Delta Crossings is coming next week
- January will start discussion re: Sheriff Substation Bond
- Non-motorized transportation will be here January 17, 2023
- Update on Enrichment Center Condition –
 - Air quality test came back clear
 - C2AE consultant will be out to check roof
 - Staff in daily
 - Dance program was two rooms, one has been leaking for about the last six months

XVII. COMMITTEE OF THE WHOLE

XVIII. CLOSED SESSION

XIX. PUBLIC COMMENTS

XX. ADJOURNMENT –

Supervisor Fletcher adjourned the meeting at 6:15 PM.

CHARTER TOWNSHIP OF DELTA

KENNETH R. FLETCHER, SUPERVISOR

MARY R. CLARK, TOWNSHIP CLERK

CHARTER TOWNSHIP OF DELTA
Public Meeting Room C
Delta Township Administration Building
7710 West Saginaw Highway Lansing MI 48917

TOWNSHIP BOARD COMMITTEE OF THE WHOLE MINUTES
MONDAY, DECEMBER 12, 2022

I. CALL TO ORDER

Supervisor Fletcher called the meeting to order at 6:00 pm

II. OPENING CEREMONIES – Pledge of Allegiance

III. ROLL CALL

Members Present: Supervisor Kenneth R. Fletcher, Treasurer Dennis R. Fedewa, Clerk Mary R. Clark, Trustee Elizabeth S. Bowen, and Trustee Andrea M. Cascarilla

Members Absent: Trustee Fonda J. Brewer and Trustee Karen J. Mojica (arrived 6:03pm)

Others Present: Manager Brian T. Reed, Utilities Director Rick Kane, Fire Chief Gregg Ginebaugh, Human Resource Director Kyla Moore, Assistant to the Township Manager Mary Worland, Assessing Director Ted Droste, Finance Director Courtney Nicholls, Jessica Wood with Dickinson Wright, and Progressive AE Consultant Suzanne Schultz

TRUSTEE CASCARILLA MOVED TO EXCUSE TRUSTEE BREWER AND TRUSTEE MOJICA FROM THE DECEMBER 12, 2022, COMMITTEE OF THE WHOLE BOARD MEETING.

TRUSTEE BOWEN SUPPORTED THE MOTION. THE MOTION PASSED 5-0.

IV. SET/ADJUST AGENDA

TREASURER FEDEWA MOVED TO APPROVE THE AGENDA AS PRESENTED.

TRUSTEE BOWEN SUPPORTED THE MOTION. THE MOTION PASSED 5-0.

V. PUBLIC COMMENT

VI. MANAGER'S REPORT

Manager Reed presented his updates to the Township Board:

- Reported on tour of Waverly East locker renovations including removal and rebuild of locker area, expect completion in 6-8 weeks, expressed thanks for the partnership with Waverly Schools. Likely ribbon cutting upon completion.

VII. COMMITTEE OF THE WHOLE

1. Delta Township Saginaw Highway CIA Update and Discussion

Supervisor Fletcher opened the floor to Jessica Wood with Dickinson Wright to provide an update on and discussed the litigation among parties in the Delta Crossings Development. Board members asked questions and clarifications.

- Delta Township is not a party in any of the litigation, it is primarily between development partners and entities involved in the development.
- Delta Township has no contractual obligations to any party.
- Judge appointed a receivership for the K2 portion of Delta Crossings and the option to purchase additional property to assist in working out dispute.
- Several cases which will take some time to work out.
- Suzanne Shultz also provided an update on the activities of the CIA board for 2022.

VIII. CLOSED SESSION

IX. ADJOURNMENT

Supervisor Fletcher adjourned the meeting at 7:12 pm.

CHARTER TOWNSHIP OF DELTA

KENNETH R. FLETCHER, SUPERVISOR

MARY R. CLARK, TOWNSHIP CLERK

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Utilities Department

(517) 323-8570

To: Supervisor Kenneth R. Fletcher and the Delta Township Board

**From: Rick Kane, Utility Director
Ernie West, Engineering Director
Courtney Nicholls, Finance Director
Brian Reed, Township Manager**

Date: December 19, 2022

Re: Purchase of office furniture for new WRRF Control Building

As part of the WRRF Capital Improvement Project Phase I, the Utility Department has been working with DBI, through MiDeal, to supply office furniture for the new Control Building offices, conference rooms, and training room at a cost of \$72,446.03. This purchase is in accordance with the Township Purchasing Policy, and the funds being used are eligible for reimbursement through the State Revolving Fund (SRF).

I offer the following motion:

“I move that the Delta Township Board approve the purchase of office furniture for the new WRRF Control Building from DBI through MiDeal in the amount of \$72,446.03.

I further move that the Township Manager be authorized and directed to sign the necessary documents related to this project.”



912 East Michigan Avenue, Lansing, Michigan 48912
Ph 517.485.3200 or 800.968.1324 Fx 517.485.3202

DATE	DBI CONTACT	CUSTOMER REF#
12/06/22	Garrett Barnes	21391

PROJECT LOCATION:

Delta Township Waste Management
7000 W Willow Hwy.
Lansing, MI 48917

PROJECT CONTACT: Rick Kane

PROJECT NAME: 21391-Delta Twp Waste Management

PRICE QUOTE

Qty	Description	Unit Price	TOTAL
8	LLR-52508 LORELL MAGNETIC GLASS BOARD 36"x46"	\$ 293.54	\$ 2,348.32
5	LLR-55665 LORELL WHITE GLASS BOARD 8"x4'	\$ 546.46	\$ 2,732.30
13	LLR-55631 LORELL MARKERBOARD TRAY	\$ 10.57	\$ 137.41
5	LLR-59699 LORELL 5-SHELF STEEL SHELVING UNIT 48"x224"x72" BLACK	\$ 235.08	\$ 1,175.40
1	4994BLR SAFCO 5 DRAWER STEEL FLAT FILE 24"x36" BLACK	\$ 1,809.23	\$ 1,809.23
1	4975BL SAFCO HIGH BASE FOR FLAT FILE BLACK	\$ 694.15	\$ 694.15
1	WBA-1--3696W TENNSCO ADJUSTABLE LEG WORKBENCH MEDIUM GREY 96"W x 36"D x 33.5"H	\$ 1,070.22	\$ 1,070.22
1	WBCK-3036-3 TENNSCO CASTER KIT FOR WORKBENCH	\$ 91.82	\$ 91.82
Special Notes: PRICING IS VALID FOR 15 DAYS <i>A 25% deposit is required upon placement of this order</i>		Freight	\$ 823.94
		Energy Surcharge	\$ 329.66
		Delivery	\$ -
		Subtotal	\$ 11,212.45
		Installation	\$ 1,560.00
		Design	\$ 110.00
		TOTAL	\$ 12,882.45
		DEPOSIT	\$ 3,220.61

PURCHASE ORDER(S) MUST BE MADE OUT TO DBI FOR ALL NON CONTRACT PRODUCT

THANK YOU!

www.dbiyes.com



QUOTE SUMMARY
MIDEAL
HAWORTH

DATE	DBI DESIGNER	DBI PROJECT COORDINATOR	DBI SALESPERSON	CLIENT PROJECT NO.	DBI PROJECT NO.
12/02/22	Kylie Barbier	Trisha Russell	Garrett Barnes	0	21391
CONTACT INFO:	kylie.barbier@dbiyes.com	trisha.russell@dbiyes.com	Garrett.Barnes@dbiyes.com		

PROJECT LOCATION:

DELTA TOWNSHIP
7000 W WILLOW HWY
LANSING

PROJECT NAME: NEW WASTE WATER TREATMENT BUILDING

,MI 48917

PO's TO BE MADE OUT TO: Haworth c/o DBI

MODULAR CONTRACT PRICING			CONTRACT# 22000000043: OPEN SPACE OFFICE FURNITURE	
PRODUCT	SIF#			TOTAL
NEW MODULAR	21391-NEW.SIF			\$ 27,960.46
TOTAL MODULAR PRODUCT:				\$ 27,960.46
MODULAR LABOR SERVICES	DESCRIPTION	UNIT RATE	TOTAL	
INSTALLATION	MODULAR FURNITURE INSTALLATION	\$ 48.00	\$ 4,320.00	
TRAVEL/TRANSPORTATION	TRAVEL AND TRANSPORTATION CHARGES	\$ 40.00	\$ 800.00	
ELECTRICAL	ELECTRICAL AND DATA TO BE PROVIDED AND COORDINATED BY CUSTOMER			
DESIGN	DESIGN SERVICES - BASED ON CONTRACT % OF NEW PRODUCT PRICING	4%	\$ 1,118.42	
TOTAL MODULAR CONTRACT CHARGES:				\$ 34,198.88

SEATING CONTRACT PRICING			CONTRACT#: 071B7700074 ERGONOMIC SEATING	
PRODUCT		SIF#	TOTAL	
SEATING		21391-CH.SIF	\$ 23,984.70	
SEATING LABOR SERVICES		DESCRIPTION	UNIT RATE	TOTAL
DELIVERY SERVICES		DELIVERY ONLY OPTION - NO END USER INSTRUCTION	\$ 15.00	\$ 1,380.00
TOTAL SEATING CONTRACT CHARGES:				\$ 25,364.70

TOTAL PROJECT PRICING	\$ 59,563.58
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Proposed By:

Garrett Barnes

Accepted By:

Date:



912 E. Michigan Avenue
Lansing, MI 48912
(517) 485-3200
www.dbiyes.com

Thursday, December 1, 2022

2:32:07 PM

N:\2021\21391\2 SIF Files\1 PRE ORDER SIFS
\21391-NEW.pmx

21391-Delta Twp. Waste Management - Modular

<u>Manufacturer</u>	<u>List</u>	<u>Customer</u>
	\$1,702.40	\$383.04
HAWORTH	\$94,170.79	\$27,577.42
Totals:		\$27,960.46
Average Discount:		-70.84 %

Item	Mfr	Qty	Product	Unit	Extended
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HAWORTH

1	HCC	1	EUAW-5002-CB	Belong, Mesh Wire Mgr, 50 ftx2 inch, Cuffs, Black	List: \$890.26	\$890.26
					Customer: \$373.91	\$373.91
					Discount: -58.00 %	

Tag 1

Tag 2 #Y

Tag 3

Tag 4

Tag 5

2	HAK	5	TCRN-4242-LJSNXG4A	Jive, Tbl, Rd, Lam, 42"x42", Eb3, Std, Co:none, X, Gld, 29"h, Ptd	List: \$695.63	\$3,478.15
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$292.16
						Discount: -58.00 %

Tag 1 BREAK 125

Tag 2 #Y

Tag 3

Tag 4

Tag 5

3	HAK	1	TCRN-4848-LJSNXG4A	Jive, Tbl, Rd, Lam, 48"x48", Eb3, Std, Co:none, X, Gld, 29"h, Ptd	List: \$780.38	\$780.38
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$327.76
						Discount: -58.00 %

Tag 1 CONF 111

Tag 2 #Y

Tag 3

Tag 4

Tag 5

4	HAK	1	TCRA-54J0-LJSNGG4A	Jive, Tbl, Rect, Lam, 54"x180", Eb3, Std, Co:none, Brd, Gld, 29"h, Ptd	List: \$4,995.59	\$4,995.59
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$2,098.15
						Discount: -58.00 %

Tag 1 CONF 126

Tag 2 #Y

Tag 3

Tag 4

Tag 5

5	EH1	2	45-241-224	Ergotron, LX Desk Mount LCD Arm, Matte Black	List: \$303.70	\$607.40
					Customer: \$121.48	\$242.96
					Discount: -60.00 %	

Tag 1 CONTROL 116

Tag 2 #Y

Tag 3

Tag 4

Tag 5

Item	Mfr	Qty	Product			Unit	Extended
6	HAF	1	JDAL-4872-JALSBS45	X Series, Corner Wrap Ext, Lam,48X72,Support Stl,Ped,Lh, 1/3 Mod,Cable Mgt,24/30 D	List:	\$1,755.25	\$1,755.25
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$394.93	\$394.93
						<i>Discount:</i>	-77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5
7	HAF	1	JDAL-4872-JARSBS54	X Series, Corner Wrap Ext, Lam,48X72,Support Stl,Ped,Rh, 1/3 Mod,Cable Mgt,30/24 D	List:	\$1,755.25	\$1,755.25
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$394.93	\$394.93
						<i>Discount:</i>	-77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5
8	HAF	1	JDBL-3048-JNNNBNS	X Series,Bridge,Lam,3048, 1/3 Modesty,No Cable Mgt	List:	\$727.25	\$727.25
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$163.63	\$163.63
						<i>Discount:</i>	-77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5
9	HAF	1	JDBL-3054-JNNNBNS	X Series,Bridge,Lam,3054, 1/3 Modesty,No Cable Mgt	List:	\$780.41	\$780.41
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$175.59	\$175.59
						<i>Discount:</i>	-77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5
10	HAF	1	JDSL-3072-JAFSBN	X Series,Rect Desk,Lam, EB3,30X72,Ped,End,Ptd, 1/3 Mod,No Cbl Mgt	List:	\$1,527.98	\$1,527.98
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$343.80	\$343.80
						<i>Discount:</i>	-77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product		Unit	Extended
11	HAF	1	JDSL-3072-JFASBN	X Series,Rect Desk,Lam, EB3,30X72,End,Ped,Ptd,1/3 Mod,No Cbl Mgt	List: \$1,527.98	\$1,527.98
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$343.80 Discount: -77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4
12	HAF	1	JPDH-24-SJLB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,LH,1/3 Mod	List: \$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08 Discount: -77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4
13	HAF	1	JPDH-24-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List: \$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08 Discount: -77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4
14	HAF	1	JPDH-30-SJLB	X Series,Pedestal,Attached Desk,Box/Box/File,30"D,Ptd Drawer Front,Ptd Lockbar,J Pull,LH,1/3 Mod	List: \$701.59	\$701.59
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$157.86 Discount: -77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4
15	HAF	1	JPDH-30-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,30"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List: \$701.59	\$701.59
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$157.86 Discount: -77.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4
16	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.	List: \$297.72	\$297.72
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A	Customer: \$46.15 Discount: -84.50 %
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4

Item	Mfr	Qty	Product				Unit	Extended
17	HCC	2	EUFB-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord			List: \$217.26	\$434.52
							Customer: \$91.25	\$182.50
							Discount: -58.00 %	
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
18	HCC	2	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk			List: \$49.56	\$99.12
							Customer: \$20.82	\$41.64
							Discount: -58.00 %	
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
19	HCC	2	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2			List: \$0.00	\$0.00
							Customer: \$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A		Discount: 0.00 %	
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
20	HHO	1	KUAF-1654	Tackboard,Wall-Mounted,Universal 16In. X 54In.			List: \$310.23	\$310.23
							Customer: \$48.09	\$48.09
			Surface Color 1A	(3A)	TELLURE (3A) GRD A		Discount: -84.50 %	
			Surface Color 1A	,3A-31	AEGEAN GRD A			
			Tag 1 CONTROL 116	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
21	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black			List: \$303.70	\$303.70
							Customer: \$121.48	\$121.48
							Discount: -60.00 %	
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
22	HAF	1	JDSL-3060-JFASBS	X Series,Rect Desk,Lam, EB3,30X60,End,Ped,Ptd,1/3 Mod,Cbl Mgt			List: \$1,405.22	\$1,405.22
							Customer: \$316.17	\$316.17
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A		Discount: -77.50 %	
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A			
		Case Trim Color	,TR-K	CHARCOAL GRD A				
		Modesty Surface Color	,TR-K	CHARCOAL GRD A				
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	

Item	Mfr	Qty	Product				Unit	Extended
23	HAF	1	JPDH-30-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,30"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod			List: \$701.59	\$701.59
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A		Customer: \$157.86	\$157.86
							Discount:	-77.50 %
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
24	HAW	1	KUAF-1660	Tackboard,Wall-Mounted,Universal 16In. X 60In.			List: \$322.74	\$322.74
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A		Customer: \$50.02	\$50.02
							Discount:	-84.50 %
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
25	HCC	1	EUF1-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord			List: \$217.26	\$217.26
							Customer: \$91.25	\$91.25
							Discount:	-58.00 %
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
26	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk			List: \$49.56	\$49.56
							Customer: \$20.82	\$20.82
							Discount:	-58.00 %
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
27	HCC	1	LSET-1	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 1			List: \$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A		Customer: \$0.00	\$0.00
							Discount:	0.00 %
			Tag 1 LAB 113	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
28	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black			List: \$303.70	\$303.70
							Customer: \$121.48	\$121.48
							Discount:	-60.00 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5	

Item	Mfr	Qty	Product			Unit	Extended
29	HAF	1	JDRL-3060-JFNSBNS	X Series,Return,Lam,3060,End Stl Pnl,Open,1/3 Modesty,No Cable Mgt	List:	\$1,369.20	\$1,369.20
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$308.07	\$308.07
						Discount:	-77.50 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5
30	HAF	1	JDSL-2460-JFASBN	X Series,Rect Desk,Lam, EB3,24X60,End,Ped,Ptd,1/3 Mod,No Cbl Mgt	List:	\$1,357.46	\$1,357.46
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$305.43	\$305.43
						Discount:	-77.50 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5
31	HAF	1	JPDH-24-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List:	\$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08	\$151.08
						Discount:	-77.50 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5
32	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top	List:	\$790.78	\$790.78
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$177.93	\$177.93
						Discount:	-77.50 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5
33	HAW	1	KUAF-1660	Tackboard,Wall-Mounted,Universal 16In. X 60In.	List:	\$322.74	\$322.74
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A	Customer: \$50.02	\$50.02
						Discount:	-84.50 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5
34	HCC	1	EU1-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord	List:	\$217.26	\$217.26
						Customer: \$91.25	\$91.25
						Discount:	-58.00 %
			Tag 1 LAB OFC 113B	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product			Unit	Extended
35	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk	List:	\$49.56	\$49.56
					Customer:	\$20.82	\$20.82
					Discount:	-58.00 %	
Tag 1 LAB OFC 113B Tag 2 #Y Tag 3 Tag 4 Tag 5							
36	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2	List:	\$0.00	\$0.00
			Lock Color	,LX-BP	Customer:	\$0.00	\$0.00
				CHROME GRD A	Discount:	0.00 %	
Tag 1 LAB OFC 113B Tag 2 #Y Tag 3 Tag 4 Tag 5							
37	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black	List:	\$303.70	\$303.70
					Customer:	\$121.48	\$121.48
					Discount:	-60.00 %	
Tag 1 OFC 103 Tag 2 #Y Tag 3 Tag 4 Tag 5							
38	HAF	1	JPAH-24-SJ	X Series,Pedestal,Attached,B/B/F,24"D,PtdDrwFrt, Stl Lkrl,J Pull	List:	\$671.45	\$671.45
			Case Color	,TR-K	Customer:	\$151.08	\$151.08
			Lock Color	,LR-BP	Discount:	-77.50 %	
				CHARCOAL GRD A			
				CHROME GRD A			
Tag 1 OFC 103 Tag 2 #Y Tag 3 Tag 4 Tag 5							
39	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top	List:	\$790.78	\$790.78
			Case Color	,TR-K	Customer:	\$177.93	\$177.93
			Lock Color	,LR-BP	Discount:	-77.50 %	
				CHARCOAL GRD A			
				CHROME GRD A			
Tag 1 OFC 103 Tag 2 #Y Tag 3 Tag 4 Tag 5							
40	HAW	1	KUAF-1624	Tackboard,Wall-Mounted,Universal 16In. X 24In.	List:	\$247.68	\$247.68
			Surface Color 1A	(3A)	Customer:	\$38.39	\$38.39
			Surface Color 1A	,3A-31	Discount:	-84.50 %	
				TELLURE (3A) GRD A			
				AEGEAN GRD A			
Tag 1 OFC 103 Tag 2 #Y Tag 3 Tag 4 Tag 5							

Item	Mfr	Qty	Product			Unit	Extended
41	HAW	1	WURA-2436-LJSA	Worksurface, Rect,24Dx36W,Lam,Edgeband,Std Core,Notched	List:	\$325.48	\$325.48
			Worktop Surface Color Worktop Edge Color-Users Edge	,H-AD ,HP-8J	MEDIUM CHERRY GRD A CHARCOAL GRD A	Customer:	\$50.45
						Discount:	-84.50 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5
42	HAW	1	ZZFK-1800-PNFG	Compose Worksurface Dbl Support Leg,Aluminum,18In.D	List:	\$543.56	\$543.56
			Bracket Color	,TR-K	CHARCOAL GRD A	Customer:	\$84.25
						Discount:	-84.50 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5
43	HCC	1	EUFB-1800-PNFG	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord	List:	\$217.26	\$217.26
						Customer:	\$91.25
						Discount:	-58.00 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5
44	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk	List:	\$49.56	\$49.56
						Customer:	\$20.82
						Discount:	-58.00 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5
45	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2	List:	\$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A	Customer:	\$0.00
						Discount:	0.00 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5
46	PLT	1	TLCE-4670-LJSNCEH	Planes Value,Table,CR90x,46"X70",Lam,Eb3,Std,Co:None,HA T,Eadj1ss,23"D, Rh,Gld	List:	\$2,585.10	\$2,585.10
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer:	\$878.93
						Discount:	-66.00 %
			Tag 1 OFC 103	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product				Unit	Extended
47	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black			List: \$303.70	\$303.70
						Customer:	\$121.48	\$121.48
						Discount:	-60.00 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
48	HAF	1	JDAL-3648-JHRSBS44	X Series, Corner Wrap Ext, Lam,36X48,Supports,Stl,Rh,1/3 Mod,Cable Mgt,24 D			List: \$1,603.65	\$1,603.65
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer:	\$360.82	\$360.82
						Discount:	-77.50 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
49	HAF	1	JDRL-2472-JANNBSS	X Series,Return,Lam,2472,Ped,Open,1/3 Modesty,Cable Mgt			List: \$944.13	\$944.13
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer:	\$212.43	\$212.43
						Discount:	-77.50 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
50	HAF	1	JPDH-24-SJLB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,LH,1/3 Mod			List: \$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer:	\$151.08	\$151.08
						Discount:	-77.50 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
51	HAF	2	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top			List: \$790.78	\$1,581.56
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer:	\$177.93	\$355.86
						Discount:	-77.50 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
52	HAK	1	TCRN-3636-LJSNXG4A	Jive,Tbl,Rd,Lam,36"x36",Eb3,Std,Co:none,X,Gld,29"h,Ptd			List: \$621.54	\$621.54
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer:	\$261.05	\$261.05
						Discount:	-58.00 %	
			Tag 1 OFC 104	Tag 2 #Y	Tag 3	Tag 4	Tag 5	

Item	Mfr	Qty	Product				Unit	Extended
53	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.			List: \$297.72	\$297.72
							Customer: \$46.15	\$46.15
			Surface Color 1A	(3A)	TELLURE (3A) GRD A		Discount: -84.50 %	
			Surface Color 1A	,3A-31	AEGEAN GRD A			
Tag 1 OFC 104 Tag 2 #Y Tag 3 Tag 4 Tag 5								
54	HCC	1	EUFB-0000-SB	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord			List: \$217.26	\$217.26
							Customer: \$91.25	\$91.25
							Discount: -58.00 %	
Tag 1 OFC 104 Tag 2 #Y Tag 3 Tag 4 Tag 5								
55	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk			List: \$49.56	\$49.56
							Customer: \$20.82	\$20.82
							Discount: -58.00 %	
Tag 1 OFC 104 Tag 2 #Y Tag 3 Tag 4 Tag 5								
56	HCC	1	LSET-3	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 3			List: \$0.00	\$0.00
							Customer: \$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A		Discount: 0.00 %	
Tag 1 OFC 104 Tag 2 #Y Tag 3 Tag 4 Tag 5								
57	PLT	1	TLCE-4670-LJSNCEH	Planes Value,Table,CR90x,46"X70",Lam,Eb3,Std,Co:None,HA T,Eadj1ss,23"D, Rh,Gld			List: \$2,585.10	\$2,585.10
							Customer: \$878.93	\$878.93
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A		Discount: -66.00 %	
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A			
			Base Color 1A	,TR-K	CHARCOAL GRD A			
Tag 1 OFC 104 Tag 2 #Y Tag 3 Tag 4 Tag 5								
HAWORTH				List \$45,406.03			Customer \$13,354.65	

Item	Mfr	Qty	Product	Unit	Extended
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58	S04	1	4DSS-24-NFB	STND DESK, STEEL END PANEL, 24IN, RH, 1/3 MOD, X SERIES, SVC	List: \$851.20	\$851.20
					Customer: \$191.52	\$191.52
					Discount: -77.50 %	
				1 ORIG. LINE NUMBER: ,PROBLEM DESCRIPTION: ,,,,		



Tag 1 OFC 104

Tag 2 #Y

Tag 3

Tag 4

Tag 5

				List \$851.20	Customer \$191.52
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59	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black	List: \$303.70	\$303.70
					Customer: \$121.48	\$121.48
					Discount: -60.00 %	



Tag 1 OFC 106

Tag 2 #Y

Tag 3

Tag 4

Tag 5

60	HAF	1	JDSL-2448-JAFSBN	X Series,Rect Desk,Lam, EB3,24X48,Ped,End,Ptd,1/3 Mod,No Cbl Mgt	List: \$1,234.70	\$1,234.70
					Customer: \$277.81	\$277.81
					Discount: -77.50 %	
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A	
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A	
			Case Trim Color	,TR-K	CHARCOAL GRD A	
			Modesty Surface Color	,TR-K	CHARCOAL GRD A	



Tag 1 OFC 106

Tag 2 #Y

Tag 3

Tag 4

Tag 5

61	HAF	1	JPDH-24-SJLB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,LH,1/3 Mod	List: \$671.45	\$671.45
					Customer: \$151.08	\$151.08
					Discount: -77.50 %	
			Case Color	,TR-K	CHARCOAL GRD A	
			Lock Color	,LR-BP	CHROME GRD A	



Tag 1 OFC 106

Tag 2 #Y

Tag 3

Tag 4

Tag 5

62	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrnt, Stl Lkrl,J Pull,Cstr,Stl Top	List: \$790.78	\$790.78
					Customer: \$177.93	\$177.93
					Discount: -77.50 %	
			Case Color	,TR-K	CHARCOAL GRD A	
			Lock Color	,LR-BP	CHROME GRD A	



Tag 1 OFC 106

Tag 2 #Y

Tag 3

Tag 4

Tag 5

Item	Mfr	Qty	Product				Unit	Extended
63	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.			List: \$297.72	\$297.72
							Customer: \$46.15	\$46.15
			Surface Color 1A	(3A)	TELLURE (3A) GRD A		Discount: -84.50 %	
			Surface Color 1A	,3A-31	AEGEAN GRD A			
Tag 1 OFC 106 Tag 2 #Y Tag 3 Tag 4 Tag 5								
64	HCC	1	EUFB-0000-SB	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord			List: \$217.26	\$217.26
							Customer: \$91.25	\$91.25
							Discount: -58.00 %	
Tag 1 OFC 106 Tag 2 #Y Tag 3 Tag 4 Tag 5								
65	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk			List: \$49.56	\$49.56
							Customer: \$20.82	\$20.82
							Discount: -58.00 %	
Tag 1 OFC 106 Tag 2 #Y Tag 3 Tag 4 Tag 5								
66	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2			List: \$0.00	\$0.00
							Customer: \$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A		Discount: 0.00 %	
Tag 1 OFC 106 Tag 2 #Y Tag 3 Tag 4 Tag 5								
67	PLT	1	TLCE-4670-LJSNCEH	Planes Value,Table,CR90x,46"X70",Lam,Eb3,Std,Co:None,HA T,Eadj1ss,23"D, Rh,Gld			List: \$2,585.10	\$2,585.10
							Customer: \$878.93	\$878.93
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A		Discount: -66.00 %	
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A			
			Base Color 1A	,TR-K	CHARCOAL GRD A			
Tag 1 OFC 106 Tag 2 #Y Tag 3 Tag 4 Tag 5								
68	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black			List: \$303.70	\$303.70
							Customer: \$121.48	\$121.48
							Discount: -60.00 %	
Tag 1 OFC 107 Tag 2 #Y Tag 3 Tag 4 Tag 5								

Item	Mfr	Qty	Product			Unit	Extended
69	HAF	1	JDRL-2448-JNANBSS	X Series,Return,Lam,2448,Open,Ped,1/3 Modesty,Cable Mgt	List:	\$723.33	\$723.33
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$162.75	\$162.75
						Discount:	-77.50 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
70	HAF	1	JDVL-4872-JBLSBS4N	X Series,D-Top Wrap,Lam,48X72,Stl End Pnl,Stl Dbl Leg,LH,1/3 Mod,Cable Mgt,24 D	List:	\$2,130.69	\$2,130.69
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Base Color 1A	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$479.41	\$479.41
						Discount:	-77.50 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
71	HAF	1	JPDH-24-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List:	\$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08	\$151.08
						Discount:	-77.50 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
72	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top	List:	\$790.78	\$790.78
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$177.93	\$177.93
						Discount:	-77.50 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
73	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.	List:	\$297.72	\$297.72
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A	Customer: \$46.15	\$46.15
						Discount:	-84.50 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
74	HCC	1	EUF1-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord	List:	\$217.26	\$217.26
						Customer: \$91.25	\$91.25
						Discount:	-58.00 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product			Unit	Extended
75	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk	List:	\$49.56	\$49.56
					Customer:	\$20.82	\$20.82
					Discount:	-58.00 %	
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
76	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2	List:	\$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A	Customer:	\$0.00
						Discount:	0.00 %
			Tag 1 OFC 107	Tag 2 #Y	Tag 3	Tag 4	Tag 5
77	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black	List:	\$303.70	\$303.70
					Customer:	\$121.48	\$121.48
					Discount:	-60.00 %	
			Tag 1 OFC 109	Tag 2 #Y	Tag 3	Tag 4	Tag 5
78	HAF	1	JDRL-2448-JNANBSS	X Series,Return,Lam,2448,Open,Ped,1/3 Modesty,Cable Mgt	List:	\$723.33	\$723.33
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A	Customer:	\$162.75
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A	Discount:	-77.50 %
			Modesty Surface Color	,TR-K	CHARCOAL GRD A		
			Tag 1 OFC 109	Tag 2 #Y	Tag 3	Tag 4	Tag 5
79	HAF	1	JDVL-4872-JBLSBS4N	X Series,D-Top Wrap,Lam,48X72,Stl End Pnl,Stl Dbl Leg,LH,1/3 Mod,Cable Mgt,24 D	List:	\$2,130.69	\$2,130.69
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A	Customer:	\$479.41
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A	Discount:	-77.50 %
			Case Trim Color	,TR-K	CHARCOAL GRD A		
			Base Color 1A	,TR-K	CHARCOAL GRD A		
			Tag 1 OFC 109	Tag 2 #Y	Tag 3	Tag 4	Tag 5
80	HAF	1	JPDH-24-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List:	\$671.45	\$671.45
			Case Color	,TR-K	CHARCOAL GRD A	Customer:	\$151.08
			Lock Color	,LR-BP	CHROME GRD A	Discount:	-77.50 %
			Tag 1 OFC 109	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product				Unit	Extended
81	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top			List: \$790.78	\$790.78
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A		Customer: \$177.93	\$177.93
							Discount: -77.50 %	
		Tag 1	OFC 109	Tag 2	#Y	Tag 3	Tag 4	Tag 5
82	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.			List: \$297.72	\$297.72
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A		Customer: \$46.15	\$46.15
							Discount: -84.50 %	
		Tag 1	OFC 109	Tag 2	#Y	Tag 3	Tag 4	Tag 5
83	HCC	1	EUF1-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord			List: \$217.26	\$217.26
							Customer: \$91.25	\$91.25
							Discount: -58.00 %	
		Tag 1	OFC 109	Tag 2	#Y	Tag 3	Tag 4	Tag 5
84	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk			List: \$49.56	\$49.56
							Customer: \$20.82	\$20.82
							Discount: -58.00 %	
		Tag 1	OFC 109	Tag 2	#Y	Tag 3	Tag 4	Tag 5
85	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2			List: \$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A		Customer: \$0.00	\$0.00
							Discount: 0.00 %	
		Tag 1	OFC 109	Tag 2	#Y	Tag 3	Tag 4	Tag 5
86	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black			List: \$303.70	\$303.70
							Customer: \$121.48	\$121.48
							Discount: -60.00 %	
		Tag 1	OFC 110	Tag 2	#Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product			Unit	Extended
87	HAF	1	JDAL-3648-JHRSBS44	X Series, Corner Wrap Ext, Lam,36X48,Supports,Stl,Rh,1/3 Mod,Cable Mgt,24 D	List:	\$1,603.65	\$1,603.65
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Modesty Surface Color	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$360.82	\$360.82
						Discount:	-77.50 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5
88	HAF	1	JDRL-2472-JANNBSS	X Series,Return,Lam,2472,Ped,Open,1/3 Modesty,Cable Mgt	List:	\$944.13	\$944.13
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$212.43	\$212.43
						Discount:	-77.50 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5
89	HAF	1	JPDH-24-SJLB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,LH,1/3 Mod	List:	\$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08	\$151.08
						Discount:	-77.50 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5
90	HAF	2	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top	List:	\$790.78	\$1,581.56
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$177.93	\$355.86
						Discount:	-77.50 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5
91	HAK	1	TCRN-3636-LJSNXG4A	Jive,Tbl,Rd,Lam,36"x36",Eb3,Std,Co:none,X,Gld,29"h,P td	List:	\$621.54	\$621.54
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$261.05	\$261.05
						Discount:	-58.00 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5
92	HAW	1	KUAF-1648	Tackboard,Wall-Mounted,Universal 16In. X 48In.	List:	\$297.72	\$297.72
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A	Customer: \$46.15	\$46.15
						Discount:	-84.50 %
			Tag 1 OFC 110	Tag 2 #Y	Tag 3	Tag 4	Tag 5

Item	Mfr	Qty	Product			Unit	Extended
93	HCC	1	EUFB-PF0B-31000	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord	List:	\$217.26	\$217.26
					Customer:	\$91.25	\$91.25
					Discount:	-58.00 %	

Tag 1 OFC 110

Tag 2 #Y

Tag 3

Tag 4

Tag 5

94	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk	List:	\$49.56	\$49.56
					Customer:	\$20.82	\$20.82
					Discount:	-58.00 %	

Tag 1 OFC 110

Tag 2 #Y

Tag 3

Tag 4

Tag 5

95	HCC	1	LSET-3	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 3	List:	\$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A	Customer:	\$0.00
					Discount:	0.00 %	

Tag 1 OFC 110

Tag 2 #Y

Tag 3

Tag 4

Tag 5

96	PLT	1	TLCE-4670-LJSNCEH	Planes Value,Table,CR90x,46"X70",Lam,Eb3,Std,Co:None,HA T,Eadj1ss,23"D, Rh,Gld	List:	\$2,585.10	\$2,585.10
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer:	\$878.93
					Discount:	-66.00 %	

Tag 1 OFC 110

Tag 2 #Y

Tag 3

Tag 4

Tag 5

HAWORTH				List \$25,394.92	Customer \$6,767.06
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97	S04	1	4DSS-24-NFB	STND DESK, STEEL END PANEL, 24IN, RH, 1/3 MOD, X SERIES, SVC	List:	\$851.20	\$851.20
				,TR-K	ALL PROFILE/PAINT COLORS (BMSK CHARCOAL	Customer:	\$191.52
					Discount:	-77.50 %	

1 ORIG. LINE NUMBER: ,PROBLEM DESCRIPTION: ,,,

Tag 1 OFC 110

Tag 2 #Y

Tag 3

Tag 4

Tag 5

				List \$851.20	Customer \$191.52
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Item	Mfr	Qty	Product	Unit	Extended
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HAWORTH

98	EH1	1	45-241-224	Ergotron, LX Desk Mount LCD Arm,Matte Black	List: \$303.70	\$303.70
					Customer: \$121.48	\$121.48
					Discount: -60.00 %	

Tag 1 OFC 112

Tag 2 #Y

Tag 3

Tag 4

Tag 5

99	HAF	1	JDRL-2460-JNANBSS	X Series,Return,Lam,2460,Open,Ped,1/3 Modesty,Cable Mgt	List: \$833.73	\$833.73
			Worktop Surface Color Worktop Edge Color-Users Edge Modesty Surface Color	,H-AD ,HP-8J ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$187.59
						Discount: -77.50 %

Tag 1 OFC 112

Tag 2 #Y

Tag 3

Tag 4

Tag 5

100	HAF	1	JDVL-4872-JBLSBS4N	X Series,D-Top Wrap,Lam,48X72,Stl End Pnl,Stl Dbl Leg,LH,1/3 Mod,Cable Mgt,24 D	List: \$2,130.69	\$2,130.69
			Worktop Surface Color Worktop Edge Color-Users Edge Case Trim Color Base Color 1A	,H-AD ,HP-8J ,TR-K ,TR-K	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A CHARCOAL GRD A	Customer: \$479.41
						Discount: -77.50 %

Tag 1 OFC 112

Tag 2 #Y

Tag 3

Tag 4

Tag 5

101	HAF	1	JPDH-24-SJRB	X Series,Pedestal,Attached Desk,Box/Box/File,24"D,Ptd Drawer Front,Ptd Lockbar,J Pull,RH,1/3 Mod	List: \$671.45	\$671.45
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$151.08
						Discount: -77.50 %

Tag 1 OFC 112

Tag 2 #Y

Tag 3

Tag 4

Tag 5

102	HAF	1	JPMH-18-SJ	X Series,Pedestal,Mobile,B/B/F,18"D,PtdDrwFrt, Stl Lkrl,J Pull,Cstr,Stl Top	List: \$790.78	\$790.78
			Case Color Lock Color	,TR-K ,LR-BP	CHARCOAL GRD A CHROME GRD A	Customer: \$177.93
						Discount: -77.50 %

Tag 1 OFC 112

Tag 2 #Y

Tag 3

Tag 4

Tag 5

Item	Mfr	Qty	Product				Unit	Extended
103	HAW	1	KUAF-1660	Tackboard,Wall-Mounted,Universal 16In. X 60In.	List:		\$322.74	\$322.74
			Surface Color 1A Surface Color 1A	(3A) ,3A-31	TELLURE (3A) GRD A AEGEAN GRD A	Customer:	\$50.02	\$50.02
						Discount:	-84.50 %	
			Tag 1 OFC 112	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
104	HCC	1	EUFB-1660	Classic Power Module,4 Port,3 Recpt,1 USB,Black,6' Cord	List:		\$217.26	\$217.26
					Customer:		\$91.25	\$91.25
						Discount:	-58.00 %	
			Tag 1 OFC 112	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
105	HCC	1	EUFB-0000-SB	Classic Power Module,brkt,Vertical above ws,Blk	List:		\$49.56	\$49.56
					Customer:		\$20.82	\$20.82
						Discount:	-58.00 %	
			Tag 1 OFC 112	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
106	HCC	1	LSET-2	HW,Lock Set, Keyed Alike,Lock Plug And Key, Qty Of 2	List:		\$0.00	\$0.00
			Lock Color	,LX-BP	CHROME GRD A	Customer:	\$0.00	\$0.00
						Discount:	0.00 %	
			Tag 1 OFC 112	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
107	PTT	4	TA01-0222	Table, Ganging Bracket Mechanism, Planes (2 sets)	List:		\$119.34	\$477.36
					Customer:		\$40.58	\$162.32
						Discount:	-66.00 %	
			Tag 1 TRAINING 108	Tag 2 #Y	Tag 3	Tag 4	Tag 5	
108	PTT	3	TARA-2454-LJSNCH4A	Planes,Table,Rt,Lam,24"x54",Eb3,Std,Co:None,Train,Cst - Flip,29"H,Ptd	List:		\$1,453.52	\$4,360.56
			Worktop Surface Color Worktop Edge Color-Users Edge Base Color 1A Base Color 1B	,H-AD ,HP-8J ,TR-K ,TR-F	MEDIUM CHERRY GRD A CHARCOAL GRD A CHARCOAL GRD A BLACK GRD A	Customer:	\$494.20	\$1,482.60
						Discount:	-66.00 %	
			Tag 1 TRAINING 108	Tag 2 #Y	Tag 3	Tag 4	Tag 5	

Item	Mfr	Qty	Product				Unit	Extended
109	PTT	8	TARA-2460-LJSNCH4A	Planes,Table,Rt,Lam,24"x60",Eb3,Std,Co:None,Train,Cst - Flip,29"H,Ptd			List: \$1,590.38	\$12,723.04
						Customer:	\$540.73	\$4,325.84
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A		Discount:	-66.00 %
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A			
			Base Color 1A	,TR-K	CHARCOAL GRD A			
			Base Color 1B	,TR-F	BLACK GRD A			
Tag 1 TRAINING 108 Tag 2 #Y Tag 3 Tag 4 Tag 5								
110	HAK	1	TCRN-2424-LJSNXG2A	Jive,Tbl,Rd,Lam,24"x24",Eb3,Std,Co:none,X,Gld,20"h,Ptd			List: \$488.97	\$488.97
						Customer:	\$205.37	\$205.37
			Worktop Surface Color	,H-AD	MEDIUM CHERRY GRD A		Discount:	-58.00 %
			Worktop Edge Color-Users Edge	,HP-8J	CHARCOAL GRD A			
			Base Color 1A	,TR-K	CHARCOAL GRD A			
Tag 1 WAITING 102 Tag 2 #Y Tag 3 Tag 4 Tag 5								
HAWORTH				List \$23,369.84			Customer \$7,455.71	



912 E. Michigan Avenue
Lansing, MI 48912
(517) 485-3200
www.dbiyes.com

Thursday, December 30, 2021
12:05:22 PM
21391-CH

21391-DELTA TWP. WATER TREATMENT BLDG. - CH DNO

<u>Manufacturer</u>	<u>List</u>	<u>Customer</u>
HAWORTH	\$64,416.46	\$25,043.71
Totals:		\$64,416.46
		\$25,043.71
Average Discount:		61.12%

Item	Mfr	Qty	Product	Price	
				Unit	Extended

HAWORTH

1	HAS	20	S7S-44-1K	Maari, 4 Leg Side Chair, Poly Seat and Back, Fixed Arms, Felt Glide	List: \$400.00	\$8,000.00
					Customer: \$184.00	\$3,680.00
					Discount: 54.00 %	
			Seat 1 Color	,TR-F	BLACK GRD A	
			Frame Color	,TR-F	BLACK GRD A	
			Arm Cap Color	,TR-F	BLACK GRD A	

Tag 1 BREAK 125

Tag 2

Tag 3

Tag 4

Tag 5

2	HSV	4	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98	\$2,015.92
					Customer: \$186.47	\$745.88
					Discount: 63.00 %	
			Seat 1 Color	(3A)	TELLURE (3A) GRD A	
			Seat 1 Color	,3A-18	BLACK GRD A	
			Back 1 Color (Inside)	,TR-F	BLACK GRD A	
			Trim Color	,TR-F	BLACK GRD A	
			Frame Color	,TR-F	BLACK GRD A	

Tag 1 CONF 111

Tag 2

Tag 3

Tag 4

Tag 5

3	HSV	14	SCT-20-4011	Very Task Chair,Fab Seat,Mesh Bk,Hgt Adj Arms, Alum Bse Hd Ctrs,Bk Lk,No Lum ,	List: \$1,044.84	\$14,627.76
					Customer: \$386.59	\$5,412.26
					Discount: 63.00 %	
			Seat 1 Color	(3A)	TELLURE (3A) GRD A	
			Seat 1 Color	,3A-18	BLACK GRD A	
			Back 1 Color (Inside)	(MS)	VERY TASK MESH (MS) GRD A	
			Back 1 Color (Inside)	,MS-F	BLACK GRD A	
			Trim Color	,TR-F	BLACK GRD A	
			Frame Color	,TR-F	BLACK GRD A	
			Base Color	,TR-F	BLACK GRD A	

Tag 1 CONF 126

Tag 2

Tag 3

Tag 4

Tag 5

4	HSV	2	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40	\$2,418.80
					Customer: \$447.48	\$894.96
					Discount: 63.00 %	
			Seat 1 Color	(3A)	TELLURE (3A) GRD A	
			Seat 1 Color	,3A-18	BLACK GRD A	
			Back 1 Color (Inside)	(MS)	VERY TASK MESH (MS) GRD A	
			Back 1 Color (Inside)	,MS-F	BLACK GRD A	
			Trim Color	,TR-F	BLACK GRD A	
			Frame Color	,TR-F	BLACK GRD A	
			Base Color	,TR-F	BLACK GRD A	

Tag 1 CONTROL 116

Tag 2

Tag 3

Tag 4

Tag 5

Item	Mfr	Qty	Product	Price	
				Unit	Extended
5	HSV	1	SCT-20-7112	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse,Sft Ctrs,Bk Lk, W/Lum,	List: \$1,254.40 \$1,254.40
				Customer: \$464.13 \$464.13	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A	Discount: 63.00 %	
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
Tag 1 LAB 113 Tag 2 Tag 3 Tag 4 Tag 5					
6	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer: \$186.47 \$372.94	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A	Discount: 63.00 %	
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
Tag 1 LAB OFC 113B Tag 2 Tag 3 Tag 4 Tag 5					
7	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer: \$447.48 \$447.48	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A	Discount: 63.00 %	
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
Tag 1 LAB OFC 113B Tag 2 Tag 3 Tag 4 Tag 5					
8	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer: \$186.47 \$372.94	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A	Discount: 63.00 %	
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
Tag 1 OFC 103 Tag 2 Tag 3 Tag 4 Tag 5					

Item	Mfr	Qty	Product	Price	
				Unit	Extended
9	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer: \$447.48 \$447.48	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A	Discount: 63.00 %	
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
Tag 1 OFC 103 Tag 2 Tag 3 Tag 4 Tag 5					
10	HSV	4	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$2,015.92
				Customer: \$186.47 \$745.88	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A	Discount: 63.00 %	
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
Tag 1 OFC 104 Tag 2 Tag 3 Tag 4 Tag 5					
11	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer: \$447.48 \$447.48	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A	Discount: 63.00 %	
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
Tag 1 OFC 104 Tag 2 Tag 3 Tag 4 Tag 5					
12	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer: \$186.47 \$372.94	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A	Discount: 63.00 %	
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
Tag 1 OFC 106 Tag 2 Tag 3 Tag 4 Tag 5					

Item	Mfr	Qty	Product	Price	
				Unit	Extended
13	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer:	\$447.48 \$447.48
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A		
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
			Tag 1 OFC 106	Tag 2	Tag 3 Tag 4 Tag 5
14	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer:	\$186.47 \$372.94
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Tag 1 OFC 107	Tag 2	Tag 3 Tag 4 Tag 5
15	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer:	\$447.48 \$447.48
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A		
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
			Tag 1 OFC 107	Tag 2	Tag 3 Tag 4 Tag 5
16	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer:	\$186.47 \$372.94
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Tag 1 OFC 109	Tag 2	Tag 3 Tag 4 Tag 5

Item	Mfr	Qty	Product	Price	
				Unit	Extended
17	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer:	\$447.48 \$447.48
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A		
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
			Tag 1 OFC 109 Tag 2 Tag 3 Tag 4 Tag 5		
18	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer:	\$186.47 \$372.94
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Tag 1 OFC 110 Tag 2 Tag 3 Tag 4 Tag 5		
19	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer:	\$447.48 \$447.48
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A		
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
			Tag 1 OFC 110 Tag 2 Tag 3 Tag 4 Tag 5		
20	HSV	2	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$1,007.96
				Customer:	\$186.47 \$372.94
				Discount:	63.00 %
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Tag 1 OFC 112 Tag 2 Tag 3 Tag 4 Tag 5		

Item	Mfr	Qty	Product	Price	
				Unit	Extended
21	HSV	1	SCT-20-7111	Very Task Chair,Fab Seat,Mesh Bk,4D Arms,Alum Bse Hd Ctrs,Bk Lk, W/Lum,	List: \$1,209.40 \$1,209.40
				Customer: \$447.48 \$447.48	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) (MS) VERY TASK MESH (MS) GRD A		
			Back 1 Color (Inside) ,MS-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Base Color ,TR-F BLACK GRD A		
			Tag 1 OFC 112	Tag 2	Tag 3 Tag 4 Tag 5
22	HSV	23	SCS-24-31E	Very Side Enhanced,Fab Seat,Perforated Bk,Arm,Hd Csts,	List: \$503.98 \$11,591.54
				Customer: \$186.47 \$4,288.81	
			Seat 1 Color (3A) TELLURE (3A) GRD A		
			Seat 1 Color ,3A-18 BLACK GRD A		
			Back 1 Color (Inside) ,TR-F BLACK GRD A		
			Trim Color ,TR-F BLACK GRD A		
			Frame Color ,TR-F BLACK GRD A		
			Tag 1 TRAINING 108	Tag 2	Tag 3 Tag 4 Tag 5
23	HAK	2	SRTL-2828-H	Resonate,Table,Laminate,28D x 28W,Plastic Glide	List: \$605.00 \$1,210.00
				Customer: \$275.28 \$550.56	
			Trim Color ,H-KL NEO WALNUT GRD B		
			Frame Color ,TR-K CHARCOAL GRD A		
			Tag 1 WAITING 102	Tag 2	Tag 3 Tag 4 Tag 5
24	HAS	1	SRA-1	Resonate, Alignment Clip Kit, Pkg of 12	List: \$31.20 \$31.20
				Customer: \$14.20 \$14.20	
			Trim Color ,TR-K CHARCOAL GRD A		
			Tag 1 WAITING 102	Tag 2	Tag 3 Tag 4 Tag 5
25	HAS	1	SRMB-33-H	Resonate,Modular Lounge Chair,Back No Arms,Faux Leather Seat,Faux Leather Back,Plastic Glide	List: \$1,270.00 \$1,270.00
				Customer: \$577.85 \$577.85	
			Seat 1 Color (XJ) WELLINGTON (XJ) GRD A		
			Seat 1 Color ,XJ-BL BLACK GRD A		
			Back 1 Color (Inside) (XJ) WELLINGTON (XJ) GRD A		
			Back 1 Color (Inside) ,XJ-BL BLACK GRD A		
			Trim Color ,H-8J CHARCOAL GRD A		
			Frame Color ,TR-K CHARCOAL GRD A		
			Tag 1 WAITING 102	Tag 2	Tag 3 Tag 4 Tag 5

Item	Mfr	Qty	Product	Price		
				Unit	Extended	
26	HAS	1	SRML-33-H	Resonate,Modular Lounge Chair,Left Corner,Faux Leather Seat,Faux Leather Back,Plastic Glide	List: \$1,625.00	\$1,625.00
				Customer:	\$739.38	\$739.38
					Discount:	54.50 %
			Seat 1 Color (XJ)	WELLINGTON (XJ) GRD A		
			Seat 1 Color ,XJ-BL	BLACK GRD A		
			Back 1 Color (Inside) (XJ)	WELLINGTON (XJ) GRD A		
			Back 1 Color (Inside) ,XJ-BL	BLACK GRD A		
			Trim Color ,H-8J	CHARCOAL GRD A		
			Frame Color ,TR-K	CHARCOAL GRD A		
			Tag 1 WAITING 102	Tag 2	Tag 3	Tag 4
						Tag 5
27	HAS	1	SRMR-33-H	Resonate,Modular Lounge Chair,Right Corner,Faux Leather Seat,Faux Leather Back,Plastic Glide	List: \$1,625.00	\$1,625.00
				Customer:	\$739.38	\$739.38
					Discount:	54.50 %
			Seat 1 Color (XJ)	WELLINGTON (XJ) GRD A		
			Seat 1 Color ,XJ-BL	BLACK GRD A		
			Back 1 Color (Inside) (XJ)	WELLINGTON (XJ) GRD A		
			Back 1 Color (Inside) ,XJ-BL	BLACK GRD A		
			Trim Color ,H-8J	CHARCOAL GRD A		
			Frame Color ,TR-K	CHARCOAL GRD A		
			Tag 1 WAITING 102	Tag 2	Tag 3	Tag 4
						Tag 5
HAWORTH				List \$64,416.46	Customer \$25,043.71	



Hello Lounge Chair



Model# 4854-0011

Seat Width: 21.25" **Overall Width:** 30.5"
Seat Height: 17.5" **Overall Height:** 35"
Seat Fabric: XJ-PA Wellington Pacific
Back/Arm Fabric: XJ-PA Wellington Pacific
Metal Trim Color: TR-LE Metallic Silver

Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Seat Fabric Color:



Back/Arm Fabric Color:



Metal Trim Color:



Quantity Ordered: (2) Waiting Area 102

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



MAARI - Four-Leg Chair without Arms



Model# S7S-44-0K

Overall Height: 33"

Seat Height: 18" Chair

Overall Width: 25.5"

Seat Width: 18.5"

Overall Depth: 21.5"

Seat Depth: 16.75"

Seat Color:

Back Color:

Polymer Color: TR-1V INDIGO

Base Trim: TR-F BLACK

Caster or Glide Option: Felt Glides (K)

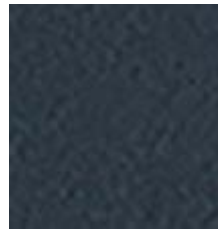
Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Seat Color:

Back Color:

Polymer Color:

Base Trim:



Quantity Ordered: 20

User Location: 21391-DELTA TOWNSHIP WASTE MANAGEMENT

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



VERY LEG BASE STOOL - PERFORATED BACK



Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Model# SCL-44-0K
Frame Option: Without Arms
Seat Option: Polymer
Back Option: Polymer - Perforated
Glide/Caster Option: Felt Glide (K)
Seat Fabric Color: N/A
Back Fabric Color: N/A
Polymer Color: Black (TR-F)
Arm/Glide Trim Color: Black (TR-F)
Frame Color: Black (TR-F)
Seat Height: Bar

Seat Fabric Color: **Back Fabric Color:** **Polymer Color:** **Arm Color:** **Frame Color:**



Quantity Ordered: (2) Lab 113

User Location: 21319-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



VERY LEG BASE SIDE CHAIR - PERFORATED BACK



Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Model# SCS-34-31E

Frame Option: With Arms

Seat Option: Faux Leather

Back Option: Polymer - Perforated

Glide/Caster Option: Hard Casters (1)

Seat Fabric Color: XJ-PA Wellington Pacific

Back Fabric Color:

Polymer Color: TR-F Black

Arm/Glide Trim Color: TR-F Black

Frame Color: TR-F Black

Seat/Back Fabric:



Arm/Trim Color:



Frame Color:



Quantity Ordered: (4) Conf. 111, (4) Office 104, (1) Office 103, (2) Office 106, (2) Office 107,
(2) Office 109, (4) Office 110, (2) Office 112, (22) Training Room 108

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



VERY TASK CHAIR



Model# SCT-20-7111

Arm Style: 4D Arms

Option: Back Lock

Option: Lumbar Adjustment

Option:

Seat Fabric Color: 2A-SP Pixel Spectral

Back Mesh Color: MS-F Black

Back Jacket Color:

Base Option: Aluminum Base, Hard Casters (1)

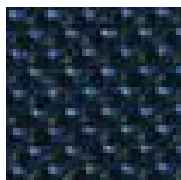
Trim Color/Plastic Components: Black (TR-F)

Frame Color/Aluminum Components: Black (TR-F)

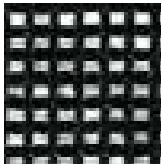
Base Trim Color: Black (TR-F)

Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Seat Fabric Color:



Back Mesh Color:

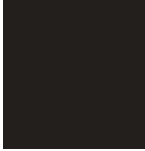


Back Jacket Color:

Plastic Component Color:



Aluminum Component Color:



Base Trim Color:



Quantity Ordered: (2) Control 116, (1) Lab Office 113B, (1) Office 103, (1) Office 104, (1) Office 106
(1) Office 107, (1) Office 109, (1) Office 110, (1) Office 112

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



VERY TASK CHAIR



Model# SCT-30-4011

Arm Style: Height Adj Task Arms

Option: Back Lock

Option:

Option:

Seat Fabric Color: XJ-PA Wellington Pacific

Back Mesh Color: MS-F Black

Back Jacket Color:

Base Option: Aluminum Base, Hard Casters (1)

Trim Color/Plastic Components: Black (TR-F)

Frame Color/Aluminum Components: Black (TR-F)

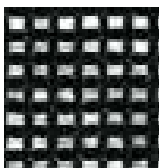
Base Trim Color: Black (TR-F)

Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Seat Fabric Color:



Back Mesh Color:

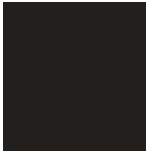


Back Jacket Color:

Plastic Component Color:



Aluminum Component Color:



Base Trim Color:



Quantity Ordered: (14) Conf. 126

User Location: 21391-Delta Township Waste Management

WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.

WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



VERY TASK CHAIR



Model# SCT-30-7112

Arm Style: 4D Arms

Option: Back Lock

Option: Lumbar Adjustment

Option:

Seat Fabric Color: XJ-PA Wellington Pacific

Back Mesh Color: MS-F Black

Back Jacket Color:

Base Option: Aluminum Base, Hard Casters (1)

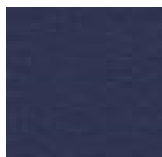
Trim Color/Plastic Components: Black (TR-F)

Frame Color/Aluminum Components: Black (TR-F)

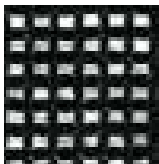
Base Trim Color: Black (TR-F)

Colors shown may not match those being specified. Please see color swatches below for colors being specified for your order.

Seat Fabric Color:



Back Mesh Color:

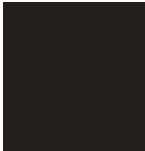


Back Jacket Color:

Plastic Component Color:



Aluminum Component Color:



Base Trim Color:



Quantity Ordered: 1 _____

User Location: 21391-Delta Township Waste Management _____

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF CHAIR WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS ON SEATING.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

DBI
HAWORTH TABLES
SPECIFICATION FORM



PLANES TRAINING TABLE - RECTANGLE



Model# TA RA- 24 54- L J S N CH 4 A

Top Dimensions: 24" x 54"

Table Height: 29" H (4)

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Outlet Cutouts: No Cutouts (N)

Base Style: C-leg, Flip Top, Casters (CH)

Base Finish Option: Painted (A)

Painted Base Color: TR-K Charcoal

Glide/Caster Color: TR-F Black

Top Color:



Top Trim Color:



Base Color:



Glide/Caster Color:



Quantity Ordered: 3

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

DBI
HAWORTH TABLES
SPECIFICATION FORM



PLANES TRAINING TABLE - RECTANGLE



Model# TA RA- 24 60- L J S N CH 4 A

Top Dimensions: 24" x 60"

Table Height: 29" H (4)

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Outlet Cutouts: No Cutouts (N)

Base Style: C-leg, Flip Top, Casters (CH)

Base Finish Option: Painted (A)

Painted Base Color: TR-K Charcoal

Glide/Caster Color: TR-F Black

Top Color:



Top Trim Color:



Base Color:



Glide/Caster Color:



Quantity Ordered: 8

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

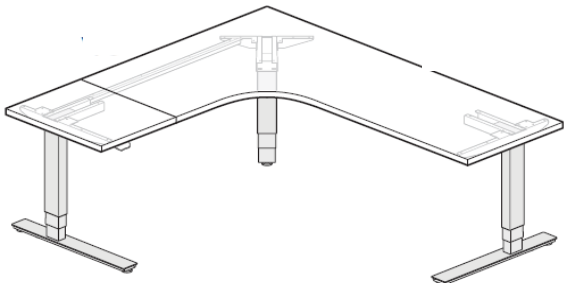
CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

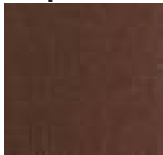
DATE: _____

PLANES HEIGHT ADJUSTABLE TABLE - WRAP AROUND CORNER



Model# TLCE- 46 70- L J S N C E H
Top Dimensions: 46" x 70"
Table Height: 27" - 46"H
Height Adj Mechanism: Electric - Single Stage (E)
Top Material: Laminate (L)
Top Color: H-AD Medium Cherry
Top Trim Type: Edgeband (J)
Depth and Orientation: H - RH (70"W) 2-pc. Top
Top Trim Color: HP-8J Charcoal
Base Trim Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Trim Color:



Touch Pad:



Standard

Quantity: (1) Office 103, (1) Office 104, (1) Office 106, (1) Office 110

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

JIVE TABLE BRIDGE BASE - RECTANGULAR



Model# TCRA- 50J0- L J S N G G 4 A

Top Dimensions: 50"x180"

Table Height: 29" (737mm)

Top Material: Laminate (L)

Top Color: H-AE Medium Cherry

Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Base Style: Glides (G)

Base Finish Option: Painted (A)

Painted Base Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Color:



Quantity Ordered: 1

User Location: 21391-Delta Township Waste Management

WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.

WE UNDERSTAND THERE ARE NO RETURNS.

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

JIVE TABLE - X- BASE



Model# TCRN- 24 24- L J S N X G 4 A

Top Dimensions: 24" x 24"

Table Height: 20"

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

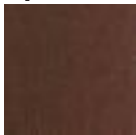
Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Base Style: X-Base with Glides (XG)

Painted Base Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Color:



Quantity Ordered: 1

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

JIVE TABLE - X- BASE



Model# TCRN- 36 36- L J S N X G 4 A

Top Dimensions: 36" x 36"

Table Height: 29"

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

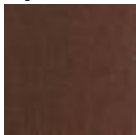
Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Base Style: X-Base with Glides (XG)

Painted Base Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Color:



Quantity Ordered: (1) Office 104 (1) Office 110

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

JIVE TABLE - X- BASE



Glides



Model# TCRN- 42 42- L J S N X G 4 A

Top Dimensions: 42" x 42"

Table Height: 29"

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

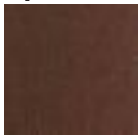
Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Base Style: X-Base with Glides (XG)

Painted Base Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Color:



Quantity Ordered: (5) Break Room

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____

JIVE TABLE - X- BASE



Model# TCRN- 48 48- L J S N X G 4 A

Top Dimensions: 48" x 48"

Table Height: 29"

Top Material: Laminate (L)

Top Color: H-AD Medium Cherry

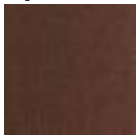
Top Trim Type: Edgeband (J)

Top Trim Color: HP-8J Charcoal

Base Style: X-Base with Glides (XG)

Painted Base Color: TR-K Charcoal

Top Color:



Top Trim Color:



Base Color:



Quantity Ordered: 1

User Location: 21391-Delta Township Waste Management

**WE HAVE RESEARCHED AND UNDERSTAND THE TYPE OF TABLE WE ARE REQUESTING.
WE UNDERSTAND THERE ARE NO RETURNS.**

CUSTOMER/AGENCY: _____

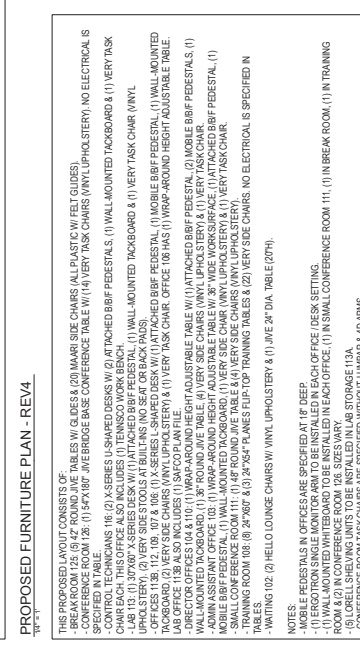
CONTACT NAME: _____

CUSTOMER SIGNATURE: _____

DATE: _____



RENDERED IMAGES



PROPOSED FINISHES

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Utilities Department

(517) 323-8570

To: Supervisor Kenneth R. Fletcher and the Delta Township Board

**From: Rick Kane, Utility Director
Ernie West, Engineering Director
Dave Marquette, Technology Director
Courtney Nicholls, Accounting Director
Brian Reed, Township Manager**

Date: December 19, 2022

Re: Purchase of audio/visual equipment for new WRRF Control Building

As part of the WRRF Capital Improvement Project Phase I, the Utility Department has been working with Smart Solutions, through MiDeal, to purchase audio/visual electronic equipment for the new Control Building conference rooms and training room at a cost of \$29,188.71. This purchase is in accordance with the Township Purchasing Policy, and the funds being used are eligible for reimbursement through the State Revolving Fund (SRF).

I offer the following motion:

"I move that the Delta Township Board approve the purchase of audio/visual equipment for the new WRRF Control Building from Smart Solutions through MiDeal in the amount of \$29,188.71.

I further move that the Township Manager be authorized and directed to sign the necessary documents related to this project."

SMARTHOMES

SMARTOFFICES



MAKING TECHNOLOGY WORK FOR YOU!

Large Conference Room 126

Prepared for

Delta Township

By

Smart Offices / Smart Homes

9/7/2022

Sold To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Ship To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Large Conference Room 126

Proposal for Smart Homes / Smart Offices (SHSO) to provide audiovisual (AV) installation for Delta Township. Complete system engineering, installation, setup, testing, and client training. All necessary work to be performed by SHSO unless noted below.

State of Michigan MiDEAL - This proposal includes State of Michigan contract pricing for conference room/training room audio visual equipment and installation. MiDEAL is the State of Michigan's extended purchasing program that allows Michigan cities, townships, villages, counties, school districts, universities, colleges and nonprofit hospitals to buy goods and services from state contracts.

Contact - Rick Kane, 517-323-8570, RKane@deltami.gov

Work Site - Waste Water Treatment Plant, 7000 West Willow Highway, Lansing, MI 48917

Room Details - Large Conference Room 126

Proposed - Delivery and installation of new AV equipment for multimedia presentation and online conferencing.

Television Display - Installation of an 86" LG wall mounted commercial television display. Display control using the Samsung wireless remote control.

Conferencing Camera - Installation of a pan/tilt/zoom conferencing camera. The camera will be mounted below the display.

Ceiling Microphones - Installation of a new Biamp audio processor and two ceiling microphones. The microphones will provide coverage of the entire room during Teams/Zoom meetings.

Ceiling Speakers - Installation of six ceiling recessed speakers and an audio amplifier.

Wireless Presentation and Conferencing - Wireless connectivity to the display, camera, and microphones via a Barco Clickshare CX-30. The conference room will be setup for bring your own device (laptop computer) presentation and/or conferencing utilizing the Barco USB wireless transmitter button provided with the CX-30.

Equipment Location - Select AV components will be housed in a ceiling recessed AV enclosure located directly above the display.

Networking and Internet - Select AV devices will require local area networking (LAN) or WiFi with Internet access. LAN infrastructure and configuration is not included in this proposal. LAN installation is available on a time and material basis or may be quoted in advance.

To ensure our system operates as expected and meets 100% of your requirements, it will be tested and commissioned with the network configuration (IP schema, routing and port settings) with our bench network hardware. After commissioning, we will connect the system to your network as specified by your IT resources and the system functionality will be verified by your team. We will support the house network functionality and any required troubleshooting on a time and materials basis.

AC Electrical - Installation or relocation of AC electrical may be required at select equipment locations. AC electrical work is not included in this proposal. SHSO will provide all necessary drawings and requirements for AC electrical work associated with the proposed system.

Owner Furnished Equipment - Equipment provided by the end user for use in the system is subject to inspection and testing.

Special Conditions - This is a budgetary proposal. Additional materials and/or labor may be required to complete the project. Upon acceptance of this proposal, an onsite meeting will be required to walk all of the involved spaces, confirm elevations/centerlines, review the operational objectives and expectations, and inspect and test any owner-provided AV equipment to be reused in the new system.

Confidentiality Statement - This proposal includes a custom engineered solution by Smart Offices / Smart Homes and all design and component selection is proprietary and confidential and may not be shared without our express written consent.

I have read and agree to the Scope of Work above

Initial Here: _____

Qty	Description	Unit Price	MSRP	Total
New AV Equipment				
1	LG 340 Series 86" Commercial Television Display - 4k UHD - Rated for 16/7 Use, Three-Year Warranty	\$2,527.91	\$2,940.00	\$2,527.91
1	TV Wall Mount - Universal Fixed Wall Mount - For 70" - 98" Displays - 250lb Capacity - VESA up to 800x600 - Low Profile 1.25" - Post Install Leveling	\$120.07	\$249.99	\$120.07
1	PTZ Conferencing Camera - 5X Optical Zoom, Wide Angle 83.7 FOV - 3G-SDI Output - 1080p - PoE - Gray	\$717.65	\$780.00	\$717.65
1	Wall mount for PTZ Camera - Black	\$45.32	\$79.99	\$45.32
1	USB Capture Interface - HD/3G-SDI	\$280.00	\$299.99	\$280.00
1	USB Hub - 4-Port - Powered - 3.0	\$37.49	\$39.99	\$37.49
1	Biamp Tesira Forte AVB VT4 Audio Processor	\$1,823.53	\$3,100.00	\$1,823.53
1	Ceiling Microphone - Primary Ceiling Mic, Beam Forming Multi Element, White	\$1,294.12	\$2,200.00	\$1,294.12
1	Ceiling Microphone - Secondary Ceiling Mic, Beam Forming Multi Element, White	\$823.53	\$1,400.00	\$823.53
1	PoE Injector - 802.3ab Gigabit Ethernet, 802.3af PoE 18 Watts Max., IEEE 802.3at PoE+ 30 Watts Max.	\$39.99	\$59.99	\$39.99
6	In-Ceiling Speaker - 4" Treated Fiber Cone Driver and .75" Silk Dome Tweeter - 16 Ohm or 70 Tap Selectable Operation - 20W Power Capacity - White	\$94.50	\$139.99	\$567.00
1	JBL CSA140 Audio Amplifier	\$212.19	\$360.28	\$212.19
1	Barco ClickShare CX-30 Wireless Collaboration System	\$2,190.94	\$2,450.00	\$2,190.94
1	HDMI Cable - UHD HDMI w/ Ethernet - 1.5m	\$16.67	\$24.00	\$16.67
1	Ceiling Box - 2' x 2' Ceiling Box with 7 AC Power Outlets and 2, 1RU Mounts - Fits Standard Drop Ceiling T Grid	\$633.75	\$699.00	\$633.75
1	Bulk Cabling, Terminations, Wire Management, Plates	\$221.00	\$249.00	\$221.00
SubTotal				\$11,551.16
Labor				
1	Engineering, Installation, Setup, Testing, Training	\$3,582.00	\$4,967.00	\$3,582.00

Qty	Description	Unit Price	MSRP	Total
-----	-------------	------------	------	-------

SubTotal	\$3,582.00
-----------------	------------

A service charge of 1.5% per month or 18% annually will be applied to any unpaid balance on past due accounts.

MSRP	\$20,739.17
Discount	\$5,606.01
SubTotal	\$15,133.16
Tax	\$0.00
Shipping	\$348.75
Total	\$15,481.91

Terms and Conditions

Definitions

Authorizing Agent is defined as the individual who signs in agreement to the terms and conditions of the quote. The authorizing agent is also defined and referred to as "The Client".
Warranty is defined as the manufacturer's warranty for quoted product only. Warranty does not cover the required labor to replace a product under warranty by Smart Offices / Smart Homes staff.

1. Purchase of Equipment and Services. Smart Homes / Smart Offices, hereafter referred to as SHSO, sells to the Client and Client buys from SHSO the equipment and services described above. The equipment, together with all replacements, repairs, additions, substitutions and accessories as agreed by the parties under paragraph 18, are collectively referred to as the "Goods".

The expenses of any services or materials that may be required to complete the Project, including, but not limited to electrical, underground trenching, laying or supplying conduit for outside wiring, drywall, painting, cabinets, and finished carpentry are not included in this Agreement unless explicitly stated, and Client is solely responsible for retaining qualified contractors for such services, and if necessary, coordinate their services with SHSO in order to complete the Project in a timely manner.

2. Delivery of the Goods and Services. SHSO shall deliver, install goods and provide services in the manner described and outlined in the Quote.

3. Hours of Operation. SHSO's normal working hours are 8:00 AM to 5:00 PM, Monday through Friday. The Client is obligated to notify SHSO at the time of scheduling if any work outside of these hours is necessary. SHSO will do its best to accommodate these requests, however, work performed outside of these hours may result in additional fees in accordance with SHSO hourly compensation rates.

4. Sale Price and Payment Schedule. The sale price for the Project shall be the amount provided above, adjusted for any increases and reductions resulting from written change orders executed by the parties.

The Client's payment is due immediately upon receipt of invoice. Any balance unpaid after thirty (30) days of the invoice date will accrue interest at one and one-half percent (1½%) per month until fully paid, and SHSO is not required to perform until the unpaid balance is current. The client will make progress payments under the payment schedule defined in this quote.

SHSO will not order any Goods or perform any services associated with the project until the Client submits any required deposit for Goods.

5. Warranties and Claims. SHSO warrants and represents that it has marketable title to the Goods, free of any liens, claims and encumbrances at time of delivery and that it has the right to sell the Goods and perform its obligations under this Agreement. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

SHSO assigns to the Client, to the extent assignable and without recourse to SHSO, all warranties from any manufacturer. In the event the Goods are returned to SHSO, all such warranties shall be deemed reassigned to SHSO. SHSO will also assist Client with any reasonable claim against any manufacturer for defective Goods.

SHSO warrants the workmanship of the services provided to Client for ninety (90) days after the completion date of the Project. Client must submit written notice to SHSO with sufficient detail describing any claim for defective workmanship during the ninety (90) day period.

6. Title to the Goods. Title to the Goods will be transferred to Client upon delivery to and acceptance by the Client. SHSO retains a security interest in the Goods until Client pays in full and authorizes SHSO to file any statement or other instrument confirming the security interest of SHSO in the Goods, including financing statements.

7. Scope of Work. If the project involves a retro-fit or remodel of an existing structure, and the proposed services exceed the estimated completion time because of unforeseen circumstances, obstructions or hidden systems that were not initially understood by the parties, the Client agrees that SHSO will charge at an hourly rate of ninety nine dollars (\$99) for additional labor to complete the Project. SHSO agrees to contact the Client as soon as reasonably possible if additional Services are required to complete the Project.

Where applicable, SHSO will supply the client or contractor with any required LAN requirements or specifications for any system designed by SHSO, or system(s) SHSO is developing programming logic for the Client. Delays or required extra labor resulting from network problems, system failures, and/or improper operations is billable by SHSO at the above labor rates.

8. Risk of Loss. Client shall bear all risks of loss or damage to Goods from any cause from date of delivery to Client. Client shall be required to fully pay SHSO for the Goods if the Goods are damaged after delivery to Client.

9. Insurance. Client shall keep the Goods insured against all risks of loss or damage from every cause for not less than the full replacement value until Client fully pays the sales price and maintains an insurance policy for the replacement value of all improvements made to Client's property and public liability insurance for the benefit of SHSO, its employees and contractors while performing services at Client's property.

SHSO will maintain any required insurance for workers' compensation, property liability for Client's premises, or other claims resulting from SHSO performance under this Agreement.

10. Taxes and Charges. SHSO and Client will pay any sales, use or other taxes that are properly imposed upon either of them by any governmental authority for the transaction contemplated by this Agreement.

11. Shipping Charges. The Client agrees to reimburse in full any shipping charges directly related to the project. This includes shipping charges associated with the purchase of goods from a product vendor, incurred by SHSO and delivered directly to SHSO; goods purchased from a product vendor, incurred by SHSO and directly delivered to the Client; goods purchased from a product vendor, incurred by SHSO and shipped initially to SHSO and later forwarded to the Client from SHSO in the event the Project site location is determined by SHSO to be outside a reasonable driving range.

12. Indemnity. SHSO and Client shall indemnify and hold each other harmless from and against any and all claims, actions, suits, proceedings, costs, expenses, damages and liabilities, including legal fees arising out of, connected with, or resulting from the breach by either party of their respective obligations under this Agreement. The parties' indemnities to each other shall survive the termination or expiration of the Agreement.

13. Default and Remedies. If either party defaults in their respective obligations under this Agreement, the non-defaulting party will deliver to the defaulting party a "Notice of Default" specifying the default and requesting correction within ten (10) days after receipt.

If the default is not corrected, the non-defaulting party may pursue all available remedies at law and in equity. Additionally, SHSO may suspend or terminate its performance, retain all deposits, and to the extent permitted by applicable law, exercise any one or more of the following remedies: (i) Declare the entire unpaid balance of payments immediately due and payable and recover the present value of all remaining payments for the balance of the term of this Agreement discounted to the date of default at four percent (4%) per annum; or (ii) Require Buyer to return the Goods at Client's expense to a place designated by SHSO and to recover possession of all items of Goods upon demand or notice to Client, without any court order or pre-taking hearing.

SHSO may, at its option, use, ship, store, repair or recondition all Goods recovered and sell or otherwise dispose of any such Goods at a private or public sale. SHSO will offset the balance of the sales price by the proceeds of any sale of the Goods and the value of the Goods returned to SHSO.

The Client is liable for and obligated to pay to SHSO all expenses incurred by SHSO regarding the enforcement of any of SHSO remedies including all expenses of repossessing, storing, shipping, repairing and selling the Goods.

14. Assignment. Client shall not assign this Agreement or any interest under this Agreement without SHSO written consent.

15. Governing Law. SHSO and Client consent to the jurisdiction of the courts of the State of Michigan regarding any action arising out of this Agreement. This Agreement shall be governed by and construed according to the laws of the State of Michigan. Venue for any action other than a lien foreclosure is any court having jurisdiction in Ingham County, Michigan. The parties waive their respective rights to a jury trial and the prevailing party is entitled to recover its costs and attorney fees.

16. General. This Agreement is binding upon the heirs, personal representatives, successors and permitted assigns of the parties. This Agreement contains the entire arrangement between SHSO and Client, and no modification of this Agreement shall be effective unless in writing and executed by the parties.

This Agreement incorporates by reference any exhibits, drawings and documentation under paragraph 17, Payment Schedules under paragraph 4, Change Orders under paragraph 19, and other information signed by the parties that describes the parties' obligations under this Agreement. If any provision of this Agreement is rendered unenforceable by the court, then such provision shall be deemed deleted, however, all other provisions shall remain in full force and effect.

All notices under this Agreement shall be deemed given when delivered personally, via email or when sent by first class mail to the party intended at its address or such other addresses the party may provide in writing from time to time.

17. Drawings & Documentation. Drawings and documentation for the Project prepared by SHSO as a systems integrator may be subject to a design documentation only fee. The Client will pay for a design retainer as specified in the Quote at the time the design is submitted. Any design retainer for the Project is non-refundable.

18. Obsolete Goods. SHSO reserves the right to replace obsolete, discontinued or unavailable Goods with comparable models of equal or greater value with Client's written consent. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

19. Change Orders. The Client may order changes, additions or modifications to the Project ("Change Orders") if the Client signs and submits the Change Orders to SHSO.

SHSO will provide the Client with acceptance or rejection and a written estimate of the additional costs or cost reductions for the Change Orders within fifteen (15) days of Client's submission to SHSO.

The Client must immediately pay any additional costs for the accepted Change Orders, unless SHSO, in writing, agrees to alternative payment arrangements, and the Client's Change Orders will not affect the payment schedule provided in the quote.

SHSO will notify the Client of any change to the Project's completion date, and SHSO will not be responsible for any delays resulting from the Client's Change Orders.

20. Early Termination of Agreement. Termination of this agreement by the Client may be done only in writing with a 30 day notice. Upon receipt of the termination letter, SHSO will refrain from beginning any new work and identify, in partnership with the Client, work that is to be concluded within the 30 day window.

At the end of the 30 day notice of early termination, all open invoices must be paid in full or the Client agrees to pay in full the cost of the Project as originally quoted or most recently amended in the Change Quote.

21. Client Cooperation and Noninterference. The Client agrees to refrain from any worksite interference, including, but not limited to directing workers' job performance, excluding them from the work site, demanding performance and removing permits from the work site.

Delays created by other contractors and or sub-contractors hired by the Client, and that cause additional work for SHSO will be invoiced at the normal labor rates specified above.

In the event the actions of the Client, a contractor or sub-contractor hired by the Client results in a SHSO representative's inability to begin or complete work as outlined in the Agreement, the Client may be assessed a service call charge and a time to complete the work as described in the Project will need to be rescheduled.

An adult must be present on site at all times when a minor child is also on the premises. If a SHSO representative arrives at the job site to provide service as outlined in the quote and a minor child is present with no adult, no work will be performed and the Client may be assessed a service fee for time and travel.

22. Circumstances Outside the Reasonable Control of Either Party. If the Project's completion is prevented or delayed due to circumstances outside the reasonable control of either SHSO or the Client, including, but not limited to damage or destruction of the building, fire, accident, vandalism, earthquake, hurricane, tornado, windstorm, theft, labor strikes, warfare, material shortage, governmental delays in issuing permits, certificates or inspections, litigation, or any act of God, then completion of the Project shall be delayed until a later date and SHSO and Client will execute a Change Order reflecting the revised completion date.

SHSO may terminate this Agreement if Client declines to sign the Change Order and Client will immediately remit to SHSO all amounts due for Goods and services performed through the date SHSO performance is prevented or delayed.

23. Existing Legacy Equipment. Client may want to use equipment they already own or purchase hardware separately as part of the overall system implementation. SHSO will review the request and support the integration of client-supplied equipment into the scope of work if possible.

SHSO is held harmless by the Client and is not responsible for any defects to legacy equipment and is under no obligation to assist the Client with any claim against any manufacturer for defective goods not purchased through SHSO.

Any programming, configuration and installation time related to equipment that is supplied by the client will be charged as time and materials.

The authorizing agent acknowledges and accepts responsibility for the configuration and physical condition of any legacy equipment and its performance in its current state. The authorizing agent also agrees to hold Smart Offices / Smart Homes harmless in the event legacy equipment is unable to support the configuration requirements and integration of the quoted hardware upon installation by Smart Offices / Smart Homes staff. The authorizing agent further acknowledges that by approving this quote, SHSO offers no additional warranty on quoted hardware outside of those guarantees made in the manufacturer's warranty.

Acceptance of the contract constitutes agreement to these general terms and conditions.

Signed: _____ Date: _____

SMARTHOMES

SMARTOFFICES



MAKING TECHNOLOGY WORK FOR YOU!

Small Conference Room 111

Prepared for

Delta Township

By

Smart Offices / Smart Homes

12/8/2022

Sold To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Ship To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Small Conference Room 111

Proposal for Smart Homes / Smart Offices (SHSO) to provide audiovisual (AV) installation for Delta Township. Complete system engineering, installation, setup, testing, and client training. All necessary work to be performed by SHSO unless noted below.

State of Michigan MiDEAL - This proposal includes State of Michigan contract pricing for conference room/training room audio visual equipment and installation. MiDEAL is the State of Michigan's extended purchasing program that allows Michigan cities, townships, villages, counties, school districts, universities, colleges and nonprofit hospitals to buy goods and services from state contracts.

Contact - Rick Kane, 517-323-8570, RKane@deltami.gov

Work Site - Waste Water Treatment Plant, 7000 West Willow Highway, Lansing, MI 48917

Room Details - Small Conference Room 111

Proposed - Delivery and installation of new AV equipment for multimedia presentation and online conferencing.

Television Display - Installation of a 65" Samsung wall mounted commercial television display. Display control using the Samsung wireless remote control.

Conferencing Soundbar - Installation of a Poly Studio smart conferencing soundbar with auto framing camera and microphone array. The soundbar will be mounted directly below the display.

Wireless Presentation and Conferencing - Wireless connectivity to the display and soundbar via a Barco Clickshare CX-20. The conference room will be setup for bring your own device (laptop computer) utilizing the Barco USB wireless transmitter button provided with the CX-20.

Networking and Internet - Select AV devices will require local area networking (LAN) or WiFi with Internet access. LAN infrastructure and configuration is not included in this proposal. LAN installation is available on a time and material basis or may be quoted in advance.

To ensure our system operates as expected and meets 100% of your requirements, it will be tested and commissioned with the network configuration (IP schema, routing and port settings) with our bench network hardware. After commissioning, we will connect the system to your network as specified by your IT resources and the system functionality will be verified by your team. We will support the house network functionality and any required troubleshooting on a time and materials basis.

AC Electrical - Installation or relocation of AC electrical may be required at select equipment locations. AC electrical work is not included in this proposal. SHSO will provide all necessary drawings and requirements for AC electrical work associated with the proposed system.

Owner Furnished Equipment - Equipment provided by the end user for use in the system is subject to inspection and testing.

Special Conditions - This is a budgetary proposal. Additional materials and/or labor may be required to complete the

project. Upon acceptance of this proposal, an onsite meeting will be required to walk all of the involved spaces, confirm elevations/centerlines, review the operational objectives and expectations, and inspect and test any owner-provided AV equipment to be reused in the new system.

Confidentiality Statement - This proposal includes a custom engineered solution by Smart Offices / Smart Homes and all design and component selection is proprietary and confidential and may not be shared without our express written consent.

I have read and agree to the Scope of Work above

Initial Here: _____

Qty	Description	Unit Price	MSRP	Total
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New AV Equipment

1	Samsung 65" UHD 4K Pro Television Display - Rated for 16/7 Use, Three Year Warranty	\$717.65	\$949.99	\$717.65
1	TV Wall Mount - Universal Fixed Wall Mount - For 40" - 70" Displays - 150lb Capacity - VESA up to 600x400 - Low Profile 1.65" - Post Install Leveling	\$89.65	\$129.99	\$89.65
1	Poly Studio Conferencing Soundbar with Auto-Framing Camera and Microphone Array	\$899.89	\$999.99	\$899.89
1	Barco Clickshare CX-20	\$1,738.89	\$1,950.00	\$1,738.89
1	HDMI Cable - UHD HDMI w/ Ethernet - 1.5m	\$21.55	\$25.00	\$21.55
1	Mounting Hardware, Wire Management, AC Power	\$34.12	\$49.00	\$34.12

SubTotal

\$3,501.75

Labor

1	Engineering, Installation, Setup, Testing, Training	\$1,566.00	\$2,212.00	\$1,566.00
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SubTotal

\$1,566.00

A service charge of 1.5% per month or 18% annually will be applied to any unpaid balance on past due accounts.

MSRP	\$6,315.97
Discount	\$1,248.22
SubTotal	\$5,067.75
Tax	\$0.00
Shipping	\$121.00
Total	\$5,188.75

Terms and Conditions

Definitions

Authorizing Agent is defined as the individual who signs in agreement to the terms and conditions of the quote. The authorizing agent is also defined and referred to as "The Client".
Warranty is defined as the manufacturer's warranty for quoted product only. Warranty does not cover the required labor to replace a product under warranty by Smart Offices / Smart Homes staff.

1. Purchase of Equipment and Services. Smart Homes / Smart Offices, hereafter referred to as SHSO, sells to the Client and Client buys from SHSO the equipment and services described above. The equipment, together with all replacements, repairs, additions, substitutions and accessories as agreed by the parties under paragraph 18, are collectively referred to as the "Goods".

The expenses of any services or materials that may be required to complete the Project, including, but not limited to electrical, underground trenching, laying or supplying conduit for outside wiring, drywall, painting, cabinets, and finished carpentry are not included in this Agreement unless explicitly stated, and Client is solely responsible for retaining qualified contractors for such services, and if necessary, coordinate their services with SHSO in order to complete the Project in a timely manner.

2. Delivery of the Goods and Services. SHSO shall deliver, install goods and provide services in the manner described and outlined in the Quote.

3. Hours of Operation. SHSO's normal working hours are 8:00 AM to 5:00 PM, Monday through Friday. The Client is obligated to notify SHSO at the time of scheduling if any work outside of these hours is necessary. SHSO will do its best to accommodate these requests, however, work performed outside of these hours may result in additional fees in accordance with SHSO hourly compensation rates.

4. Sale Price and Payment Schedule. The sale price for the Project shall be the amount provided above, adjusted for any increases and reductions resulting from written change orders executed by the parties.

The Client's payment is due immediately upon receipt of invoice. Any balance unpaid after thirty (30) days of the invoice date will accrue interest at one and one-half percent (1½%) per month until fully paid, and SHSO is not required to perform until the unpaid balance is current. The client will make progress payments under the payment schedule defined in this quote.

SHSO will not order any Goods or perform any services associated with the project until the Client submits any required deposit for Goods.

5. Warranties and Claims. SHSO warrants and represents that it has marketable title to the Goods, free of any liens, claims and encumbrances at time of delivery and that it has the right to sell the Goods and perform its obligations under this Agreement. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

SHSO assigns to the Client, to the extent assignable and without recourse to SHSO, all warranties from any manufacturer. In the event the Goods are returned to SHSO, all such warranties shall be deemed reassigned to SHSO. SHSO will also assist Client with any reasonable claim against any manufacturer for defective Goods.

SHSO warrants the workmanship of the services provided to Client for ninety (90) days after the completion date of the Project. Client must submit written notice to SHSO with sufficient detail describing any claim for defective workmanship during the ninety (90) day period.

6. Title to the Goods. Title to the Goods will be transferred to Client upon delivery to and acceptance by the Client. SHSO retains a security interest in the Goods until Client pays in full and authorizes SHSO to file any statement or other instrument confirming the security interest of SHSO in the Goods, including financing statements.

7. Scope of Work. If the project involves a retro-fit or remodel of an existing structure, and the proposed services exceed the estimated completion time because of unforeseen circumstances, obstructions or hidden systems that were not initially understood by the parties, the Client agrees that SHSO will charge at an hourly rate of ninety nine dollars (\$99) for additional labor to complete the Project. SHSO agrees to contact the Client as soon as reasonably possible if additional Services are required to complete the Project.

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9. Insurance. Client shall keep the Goods insured against all risks of loss or damage from every cause for not less than the full replacement value until Client fully pays the sales price and maintains an insurance policy for the replacement value of all improvements made to Client's property and public liability insurance for the benefit of SHSO, its employees and contractors while performing services at Client's property.

SHSO will maintain any required insurance for workers' compensation, property liability for Client's premises, or other claims resulting from SHSO performance under this Agreement.

10. Taxes and Charges. SHSO and Client will pay any sales, use or other taxes that are properly imposed upon either of them by any governmental authority for the transaction contemplated by this Agreement.

11. Shipping Charges. The Client agrees to reimburse in full any shipping charges directly related to the project. This includes shipping charges associated with the purchase of goods from a product vendor, incurred by SHSO and delivered directly to SHSO; goods purchased from a product vendor, incurred by SHSO and directly delivered to the Client; goods purchased from a product vendor, incurred by SHSO and shipped initially to SHSO and later forwarded to the Client from SHSO in the event the Project site location is determined by SHSO to be outside a reasonable driving range.

12. Indemnity. SHSO and Client shall indemnify and hold each other harmless from and against any and all claims, actions, suits, proceedings, costs, expenses, damages and liabilities, including legal fees arising out of, connected with, or resulting from the breach by either party of their respective obligations under this Agreement. The parties' indemnities to each other shall survive the termination or expiration of the Agreement.

13. Default and Remedies. If either party defaults in their respective obligations under this Agreement, the non-defaulting party will deliver to the defaulting party a "Notice of Default" specifying the default and requesting correction within ten (10) days after receipt.

If the default is not corrected, the non-defaulting party may pursue all available remedies at law and in equity. Additionally, SHSO may suspend or terminate its performance, retain all deposits, and to the extent permitted by applicable law, exercise any one or more of the following remedies: (i) Declare the entire unpaid balance of payments immediately due and payable and recover the present value of all remaining payments for the balance of the term of this Agreement discounted to the date of default at four percent (4%) per annum; or (ii) Require Buyer to return the Goods at Client's expense to a place designated by SHSO and to recover possession of all items of Goods upon demand or notice to Client, without any court order or pre-taking hearing.

SHSO may, at its option, use, ship, store, repair or recondition all Goods recovered and sell or otherwise dispose of any such Goods at a private or public sale. SHSO will offset the balance of the sales price by the proceeds of any sale of the Goods and the value of the Goods returned to SHSO.

The Client is liable for and obligated to pay to SHSO all expenses incurred by SHSO regarding the enforcement of any of SHSO remedies including all expenses of repossessing, storing, shipping, repairing and selling the Goods.

14. Assignment. Client shall not assign this Agreement or any interest under this Agreement without SHSO written consent.

15. Governing Law. SHSO and Client consent to the jurisdiction of the courts of the State of Michigan regarding any action arising out of this Agreement. This Agreement shall be governed by and construed according to the laws of the State of Michigan. Venue for any action other than a lien foreclosure is any court having jurisdiction in Ingham County, Michigan. The parties waive their respective rights to a jury trial and the prevailing party is entitled to recover its costs and attorney fees.

16. General. This Agreement is binding upon the heirs, personal representatives, successors and permitted assigns of the parties. This Agreement contains the entire arrangement between SHSO and Client, and no modification of this Agreement shall be effective unless in writing and executed by the parties.

This Agreement incorporates by reference any exhibits, drawings and documentation under paragraph 17, Payment Schedules under paragraph 4, Change Orders under paragraph 19, and other information signed by the parties that describes the parties' obligations under this Agreement. If any provision of this Agreement is rendered unenforceable by the court, then such provision shall be deemed deleted, however, all other provisions shall remain in full force and effect.

All notices under this Agreement shall be deemed given when delivered personally, via email or when sent by first class mail to the party intended at its address or such other addresses the party may provide in writing from time to time.

17. Drawings & Documentation. Drawings and documentation for the Project prepared by SHSO as a systems integrator may be subject to a design documentation only fee. The Client will pay for a design retainer as specified in the Quote at the time the design is submitted. Any design retainer for the Project is non-refundable.

18. Obsolete Goods. SHSO reserves the right to replace obsolete, discontinued or unavailable Goods with comparable models of equal or greater value with Client's written consent. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

19. Change Orders. The Client may order changes, additions or modifications to the Project ("Change Orders") if the Client signs and submits the Change Orders to SHSO.

SHSO will provide the Client with acceptance or rejection and a written estimate of the additional costs or cost reductions for the Change Orders within fifteen (15) days of Client's submission to SHSO.

The Client must immediately pay any additional costs for the accepted Change Orders, unless SHSO, in writing, agrees to alternative payment arrangements, and the Client's Change Orders will not affect the payment schedule provided in the quote.

SHSO will notify the Client of any change to the Project's completion date, and SHSO will not be responsible for any delays resulting from the Client's Change Orders.

20. Early Termination of Agreement. Termination of this agreement by the Client may be done only in writing with a 30 day notice. Upon receipt of the termination letter, SHSO will refrain from beginning any new work and identify, in partnership with the Client, work that is to be concluded within the 30 day window.

At the end of the 30 day notice of early termination, all open invoices must be paid in full or the Client agrees to pay in full the cost of the Project as originally quoted or most recently amended in the Change Quote.

21. Client Cooperation and Noninterference. The Client agrees to refrain from any worksite interference, including, but not limited to directing workers' job performance, excluding them from the work site, demanding performance and removing permits from the work site.

Delays created by other contractors and or sub-contractors hired by the Client, and that cause additional work for SHSO will be invoiced at the normal labor rates specified above.

In the event the actions of the Client, a contractor or sub-contractor hired by the Client results in a SHSO representative's inability to begin or complete work as outlined in the Agreement, the Client may be assessed a service call charge and a time to complete the work as described in the Project will need to be rescheduled.

An adult must be present on site at all times when a minor child is also on the premises. If a SHSO representative arrives at the job site to provide service as outlined in the quote and a minor child is present with no adult, no work will be performed and the Client may be assessed a service fee for time and travel.

22. Circumstances Outside the Reasonable Control of Either Party. If the Project's completion is prevented or delayed due to circumstances outside the reasonable control of either SHSO or the Client, including, but not limited to damage or destruction of the building, fire, accident, vandalism, earthquake, hurricane, tornado, windstorm, theft, labor strikes, warfare, material shortage, governmental delays in issuing permits, certificates or inspections, litigation, or any act of God, then completion of the Project shall be delayed until a later date and SHSO and Client will execute a Change Order reflecting the revised completion date.

SHSO may terminate this Agreement if Client declines to sign the Change Order and Client will immediately remit to SHSO all amounts due for Goods and services performed through the date SHSO performance is prevented or delayed.

23. Existing Legacy Equipment. Client may want to use equipment they already own or purchase hardware separately as part of the overall system implementation. SHSO will review the request and support the integration of client-supplied equipment into the scope of work if possible.

SHSO is held harmless by the Client and is not responsible for any defects to legacy equipment and is under no obligation to assist the Client with any claim against any manufacturer for defective goods not purchased through SHSO.

Any programming, configuration and installation time related to equipment that is supplied by the client will be charged as time and materials.

The authorizing agent acknowledges and accepts responsibility for the configuration and physical condition of any legacy equipment and its performance in its current state. The authorizing agent also agrees to hold Smart Offices / Smart Homes harmless in the event legacy equipment is unable to support the configuration requirements and integration of the quoted hardware upon installation by Smart Offices / Smart Homes staff. The authorizing agent further acknowledges that by approving this quote, SHSO offers no additional warranty on quoted hardware outside of those guarantees made in the manufacturer's warranty.

Acceptance of the contract constitutes agreement to these general terms and conditions.

Signed: _____ Date: _____

SMARTHOMES

SMARTOFFICES



MAKING TECHNOLOGY WORK FOR YOU!

Training Room 108

Prepared for

Delta Township

By

Smart Offices / Smart Homes

12/12/2022

Sold To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Ship To:

Delta Township
7000 W Willow Hwy,
Lansing, MI 48917

Training Room 108

Proposal for Smart Homes / Smart Offices (SHSO) to provide audiovisual (AV) installation for Delta Township. Complete system engineering, installation, setup, testing, and client training. All necessary work to be performed by SHSO unless noted below.

State of Michigan MiDEAL - This proposal includes State of Michigan contract pricing for conference room/training room audio visual equipment and installation. MiDEAL is the State of Michigan's extended purchasing program that allows Michigan cities, townships, villages, counties, school districts, universities, colleges and nonprofit hospitals to buy goods and services from state contracts.

Contact - Rick Kane, 517-323-8570, RKane@deltami.gov

Work Site - Waste Water Treatment Plant, 7000 West Willow Highway, Lansing, MI 48917

Room Details - Training Room 108

Proposed - Delivery and installation of new AV equipment for multimedia presentation.

Television Display - Installation of a 86" LG wall mounted commercial television display. Display control using the LG wireless remote control.

Ceiling Speakers - Installation of eight ceiling recessed speakers and an audio amplifier.

Wireless Presentation - Wireless connectivity to the display via a Barco Clickshare CX-20. The conference room will be setup for bring your own device (laptop computer) presentation utilizing the Barco USB wireless transmitter button provided with the CX-20.

Equipment Location - Select AV components will be wall mounted behind the display.

Networking and Internet - Select AV devices will require local area networking (LAN) or WiFi with Internet access. LAN infrastructure and configuration is not included in this proposal. LAN installation is available on a time and material basis or may be quoted in advance.

To ensure our system operates as expected and meets 100% of your requirements, it will be tested and commissioned with the network configuration (IP schema, routing and port settings) with our bench network hardware. After commissioning, we will connect the system to your network as specified by your IT resources and the system functionality will be verified by your team. We will support the house network functionality and any required troubleshooting on a time and materials basis.

AC Electrical - Installation or relocation of AC electrical may be required at select equipment locations. AC electrical work is not included in this proposal. SHSO will provide all necessary drawings and requirements for AC electrical work associated with the proposed system.

Owner Furnished Equipment - Equipment provided by the end user for use in the system is subject to inspection and testing.

Special Conditions - This is a budgetary proposal. Additional materials and/or labor may be required to complete the project. Upon acceptance of this proposal, an onsite meeting will be required to walk all of the involved spaces, confirm elevations/centerlines, review the operational objectives and expectations, and inspect and test any owner-provided AV equipment to be reused in the new system.

Confidentiality Statement - This proposal includes a custom engineered solution by Smart Offices / Smart Homes and all design and component selection is proprietary and confidential and may not be shared without our express written consent.

I have read and agree to the Scope of Work above

Initial Here: _____

Qty	Description	Unit Price	MSRP	Total
-----	-------------	------------	------	-------

New AV Equipment

1	LG 340 Series 86" Commercial Television Display - 4k UHD - Rated for 16/7 Use, Three-Year Warranty	\$2,797.65	\$2,940.00	\$2,797.65
1	TV Wall Mount - Universal Fixed Wall Mount - For 70" - 98" Displays - 250lb Capacity - VESA up to 800x600 - Low Profile 1.25" - Post Install Leveling	\$120.07	\$249.99	\$120.07
8	In-Ceiling Speaker - 4" Treated Fiber Cone Driver and .75" Silk Dome Tweeter - 16 Ohm or 70 Tap Selectable Operation - 20W Power Capacity - White	\$99.47	\$139.99	\$795.76
1	Audio Amplifier - 50W Per Channel - 25V, 70V, or 100V Taps - Single Channel	\$296.15	\$329.00	\$296.15
1	Audio Cable - Y Cable - Mono RCA Male to Dual RCA Female	\$5.82	\$6.95	\$5.82
1	Audio Cable - Y Cable - Female 3.5 Mini Stereo to Dual RCA Male - 6"	\$6.98	\$7.99	\$6.98
1	Audio Cable - 3.5mm Male to Male, Stereo - 6ft	\$13.95	\$15.99	\$13.95
1	Barco Clickshare CX-20 Wireless Collaboration System	\$1,638.89	\$1,950.00	\$1,638.89
1	HDMI Cable - UHD HDMI w/ Ethernet - 1.5m	\$16.67	\$24.00	\$16.67
1	Bulk Cabling, Terminations, Wire Management, Plates, AC Power Distribution	\$119.00	\$129.00	\$119.00

SubTotal

\$5,810.94

Labor

1	Engineering, Installation, Setup, Testing, Training	\$2,516.00	\$3,576.00	\$2,516.00
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SubTotal

\$2,516.00

A service charge of 1.5% per month or 18% annually will be applied to any unpaid balance on past due accounts.

MSRP	\$10,348.84
Discount	\$2,021.90
SubTotal	\$8,326.94
Tax	\$0.00
Shipping	\$191.11
Total	\$8,518.05

Terms and Conditions

Definitions

Authorizing Agent is defined as the individual who signs in agreement to the terms and conditions of the quote. The authorizing agent is also defined and referred to as "The Client".
Warranty is defined as the manufacturer's warranty for quoted product only. Warranty does not cover the required labor to replace a product under warranty by Smart Offices / Smart Homes staff.

1. Purchase of Equipment and Services. Smart Homes / Smart Offices, hereafter referred to as SHSO, sells to the Client and Client buys from SHSO the equipment and services described above. The equipment, together with all replacements, repairs, additions, substitutions and accessories as agreed by the parties under paragraph 18, are collectively referred to as the "Goods".

The expenses of any services or materials that may be required to complete the Project, including, but not limited to electrical, underground trenching, laying or supplying conduit for outside wiring, drywall, painting, cabinets, and finished carpentry are not included in this Agreement unless explicitly stated, and Client is solely responsible for retaining qualified contractors for such services, and if necessary, coordinate their services with SHSO in order to complete the Project in a timely manner.

2. Delivery of the Goods and Services. SHSO shall deliver, install goods and provide services in the manner described and outlined in the Quote.

3. Hours of Operation. SHSO's normal working hours are 8:00 AM to 5:00 PM, Monday through Friday. The Client is obligated to notify SHSO at the time of scheduling if any work outside of these hours is necessary. SHSO will do its best to accommodate these requests, however, work performed outside of these hours may result in additional fees in accordance with SHSO hourly compensation rates.

4. Sale Price and Payment Schedule. The sale price for the Project shall be the amount provided above, adjusted for any increases and reductions resulting from written change orders executed by the parties.

The Client's payment is due immediately upon receipt of invoice. Any balance unpaid after thirty (30) days of the invoice date will accrue interest at one and one-half percent (1½%) per month until fully paid, and SHSO is not required to perform until the unpaid balance is current. The client will make progress payments under the payment schedule defined in this quote.

SHSO will not order any Goods or perform any services associated with the project until the Client submits any required deposit for Goods.

5. Warranties and Claims. SHSO warrants and represents that it has marketable title to the Goods, free of any liens, claims and encumbrances at time of delivery and that it has the right to sell the Goods and perform its obligations under this Agreement. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

SHSO assigns to the Client, to the extent assignable and without recourse to SHSO, all warranties from any manufacturer. In the event the Goods are returned to SHSO, all such warranties shall be deemed reassigned to SHSO. SHSO will also assist Client with any reasonable claim against any manufacturer for defective Goods.

SHSO warrants the workmanship of the services provided to Client for ninety (90) days after the completion date of the Project. Client must submit written notice to SHSO with sufficient detail describing any claim for defective workmanship during the ninety (90) day period.

6. Title to the Goods. Title to the Goods will be transferred to Client upon delivery to and acceptance by the Client. SHSO retains a security interest in the Goods until Client pays in full and authorizes SHSO to file any statement or other instrument confirming the security interest of SHSO in the Goods, including financing statements.

7. Scope of Work. If the project involves a retro-fit or remodel of an existing structure, and the proposed services exceed the estimated completion time because of unforeseen circumstances, obstructions or hidden systems that were not initially understood by the parties, the Client agrees that SHSO will charge at an hourly rate of ninety nine dollars (\$99) for additional labor to complete the Project. SHSO agrees to contact the Client as soon as reasonably possible if additional Services are required to complete the Project.

Where applicable, SHSO will supply the client or contractor with any required LAN requirements or specifications for any system designed by SHSO, or system(s) SHSO is developing programming logic for the Client. Delays or required extra labor resulting from network problems, system failures, and/or improper operations is billable by SHSO at the above labor rates.

8. Risk of Loss. Client shall bear all risks of loss or damage to Goods from any cause from date of delivery to Client. Client shall be required to fully pay SHSO for the Goods if the Goods are damaged after delivery to Client.

9. Insurance. Client shall keep the Goods insured against all risks of loss or damage from every cause for not less than the full replacement value until Client fully pays the sales price and maintains an insurance policy for the replacement value of all improvements made to Client's property and public liability insurance for the benefit of SHSO, its employees and contractors while performing services at Client's property.

SHSO will maintain any required insurance for workers' compensation, property liability for Client's premises, or other claims resulting from SHSO performance under this Agreement.

10. Taxes and Charges. SHSO and Client will pay any sales, use or other taxes that are properly imposed upon either of them by any governmental authority for the transaction contemplated by this Agreement.

11. Shipping Charges. The Client agrees to reimburse in full any shipping charges directly related to the project. This includes shipping charges associated with the purchase of goods from a product vendor, incurred by SHSO and delivered directly to SHSO; goods purchased from a product vendor, incurred by SHSO and directly delivered to the Client; goods purchased from a product vendor, incurred by SHSO and shipped initially to SHSO and later forwarded to the Client from SHSO in the event the Project site location is determined by SHSO to be outside a reasonable driving range.

12. Indemnity. SHSO and Client shall indemnify and hold each other harmless from and against any and all claims, actions, suits, proceedings, costs, expenses, damages and liabilities, including legal fees arising out of, connected with, or resulting from the breach by either party of their respective obligations under this Agreement. The parties' indemnities to each other shall survive the termination or expiration of the Agreement.

13. Default and Remedies. If either party defaults in their respective obligations under this Agreement, the non-defaulting party will deliver to the defaulting party a "Notice of Default" specifying the default and requesting correction within ten (10) days after receipt.

If the default is not corrected, the non-defaulting party may pursue all available remedies at law and in equity. Additionally, SHSO may suspend or terminate its performance, retain all deposits, and to the extent permitted by applicable law, exercise any one or more of the following remedies: (i) Declare the entire unpaid balance of payments immediately due and payable and recover the present value of all remaining payments for the balance of the term of this Agreement discounted to the date of default at four percent (4%) per annum; or (ii) Require Buyer to return the Goods at Client's expense to a place designated by SHSO and to recover possession of all items of Goods upon demand or notice to Client, without any court order or pre-taking hearing.

SHSO may, at its option, use, ship, store, repair or recondition all Goods recovered and sell or otherwise dispose of any such Goods at a private or public sale. SHSO will offset the balance of the sales price by the proceeds of any sale of the Goods and the value of the Goods returned to SHSO.

The Client is liable for and obligated to pay to SHSO all expenses incurred by SHSO regarding the enforcement of any of SHSO remedies including all expenses of repossessing, storing, shipping, repairing and selling the Goods.

14. Assignment. Client shall not assign this Agreement or any interest under this Agreement without SHSO written consent.

15. Governing Law. SHSO and Client consent to the jurisdiction of the courts of the State of Michigan regarding any action arising out of this Agreement. This Agreement shall be governed by and construed according to the laws of the State of Michigan. Venue for any action other than a lien foreclosure is any court having jurisdiction in Ingham County, Michigan. The parties waive their respective rights to a jury trial and the prevailing party is entitled to recover its costs and attorney fees.

16. General. This Agreement is binding upon the heirs, personal representatives, successors and permitted assigns of the parties. This Agreement contains the entire arrangement between SHSO and Client, and no modification of this Agreement shall be effective unless in writing and executed by the parties.

This Agreement incorporates by reference any exhibits, drawings and documentation under paragraph 17, Payment Schedules under paragraph 4, Change Orders under paragraph 19, and other information signed by the parties that describes the parties' obligations under this Agreement. If any provision of this Agreement is rendered unenforceable by the court, then such provision shall be deemed deleted, however, all other provisions shall remain in full force and effect.

All notices under this Agreement shall be deemed given when delivered personally, via email or when sent by first class mail to the party intended at its address or such other addresses the party may provide in writing from time to time.

17. Drawings & Documentation. Drawings and documentation for the Project prepared by SHSO as a systems integrator may be subject to a design documentation only fee. The Client will pay for a design retainer as specified in the Quote at the time the design is submitted. Any design retainer for the Project is non-refundable.

18. Obsolete Goods. SHSO reserves the right to replace obsolete, discontinued or unavailable Goods with comparable models of equal or greater value with Client's written consent. SHSO makes no representations or warranties regarding the obsolescence, discontinuation or unavailability of the Goods.

19. Change Orders. The Client may order changes, additions or modifications to the Project ("Change Orders") if the Client signs and submits the Change Orders to SHSO.

SHSO will provide the Client with acceptance or rejection and a written estimate of the additional costs or cost reductions for the Change Orders within fifteen (15) days of Client's submission to SHSO.

The Client must immediately pay any additional costs for the accepted Change Orders, unless SHSO, in writing, agrees to alternative payment arrangements, and the Client's Change Orders will not affect the payment schedule provided in the quote.

SHSO will notify the Client of any change to the Project's completion date, and SHSO will not be responsible for any delays resulting from the Client's Change Orders.

20. Early Termination of Agreement. Termination of this agreement by the Client may be done only in writing with a 30 day notice. Upon receipt of the termination letter, SHSO will refrain from beginning any new work and identify, in partnership with the Client, work that is to be concluded within the 30 day window.

At the end of the 30 day notice of early termination, all open invoices must be paid in full or the Client agrees to pay in full the cost of the Project as originally quoted or most recently amended in the Change Quote.

21. Client Cooperation and Noninterference. The Client agrees to refrain from any worksite interference, including, but not limited to directing workers' job performance, excluding them from the work site, demanding performance and removing permits from the work site.

Delays created by other contractors and or sub-contractors hired by the Client, and that cause additional work for SHSO will be invoiced at the normal labor rates specified above.

In the event the actions of the Client, a contractor or sub-contractor hired by the Client results in a SHSO representative's inability to begin or complete work as outlined in the Agreement, the Client may be assessed a service call charge and a time to complete the work as described in the Project will need to be rescheduled.

An adult must be present on site at all times when a minor child is also on the premises. If a SHSO representative arrives at the job site to provide service as outlined in the quote and a minor child is present with no adult, no work will be performed and the Client may be assessed a service fee for time and travel.

22. Circumstances Outside the Reasonable Control of Either Party. If the Project's completion is prevented or delayed due to circumstances outside the reasonable control of either SHSO or the Client, including, but not limited to damage or destruction of the building, fire, accident, vandalism, earthquake, hurricane, tornado, windstorm, theft, labor strikes, warfare, material shortage, governmental delays in issuing permits, certificates or inspections, litigation, or any act of God, then completion of the Project shall be delayed until a later date and SHSO and Client will execute a Change Order reflecting the revised completion date.

SHSO may terminate this Agreement if Client declines to sign the Change Order and Client will immediately remit to SHSO all amounts due for Goods and services performed through the date SHSO performance is prevented or delayed.

23. Existing Legacy Equipment. Client may want to use equipment they already own or purchase hardware separately as part of the overall system implementation. SHSO will review the request and support the integration of client-supplied equipment into the scope of work if possible.

SHSO is held harmless by the Client and is not responsible for any defects to legacy equipment and is under no obligation to assist the Client with any claim against any manufacturer for defective goods not purchased through SHSO.

Any programming, configuration and installation time related to equipment that is supplied by the client will be charged as time and materials.

The authorizing agent acknowledges and accepts responsibility for the configuration and physical condition of any legacy equipment and its performance in its current state. The authorizing agent also agrees to hold Smart Offices / Smart Homes harmless in the event legacy equipment is unable to support the configuration requirements and integration of the quoted hardware upon installation by Smart Offices / Smart Homes staff. The authorizing agent further acknowledges that by approving this quote, SHSO offers no additional warranty on quoted hardware outside of those guarantees made in the manufacturer's warranty.

Acceptance of the contract constitutes agreement to these general terms and conditions.

Signed: _____ Date: _____



MEMO

TO: Supervisor Kenneth R. Fletcher and the Delta Township Board

FROM: Matt McKernan, Planner

DATE: December 13, 2022

SUBJECT: Case No. LS-22-4 Lot Split Request for 3140 & 3140 Ingersoll Rd
Parcel Nos. 040-050-505-341-00 & 040-050-505-351-00, Section 3

Attached to this memo are the following items that illustrate and describe the requested split:

- Location map
- Illustrations of Proposed Alterations
- Lot Split Application
- Survey Drawing of Lot 72 & Parcel B

Mr. Stanley Siefker, 3144 Ingersoll Rd, Lansing, MI 48906, and Nancy Lubeski, 3140 Ingersoll Rd, Lansing, MI 48906 have filed an application to adjust the property lines between 3140 and 3144 Ingersoll Rd in the City of Grand River Subdivision. The property lines are being adjusted so that a shared accessory building will be located wholly within the boundaries of 3144 Ingersoll Rd. Both lots would still exceed the minimum required lot size mandated by the 2017 Delta Township Zoning Ordinance, as amended.

The following motion is offered for the Board's consideration in this case:

"I move that the Delta Township Board approve the lot split described in Case No. LS-22-4, involving , 3144 Ingersoll Rd (040-050-505-351-00) and 3140 Ingersoll Rd (040-050-505-341-00) subject to the following stipulation:

The lot split shall not become effective until the new legal descriptions resulting from the lot split are recorded with the Eaton County Register of Deeds Office; to ensure that the resultant lot divisions are properly included in the Township's property assessment records."

Please contact me if you have any questions.

Matt McKernan, Planner

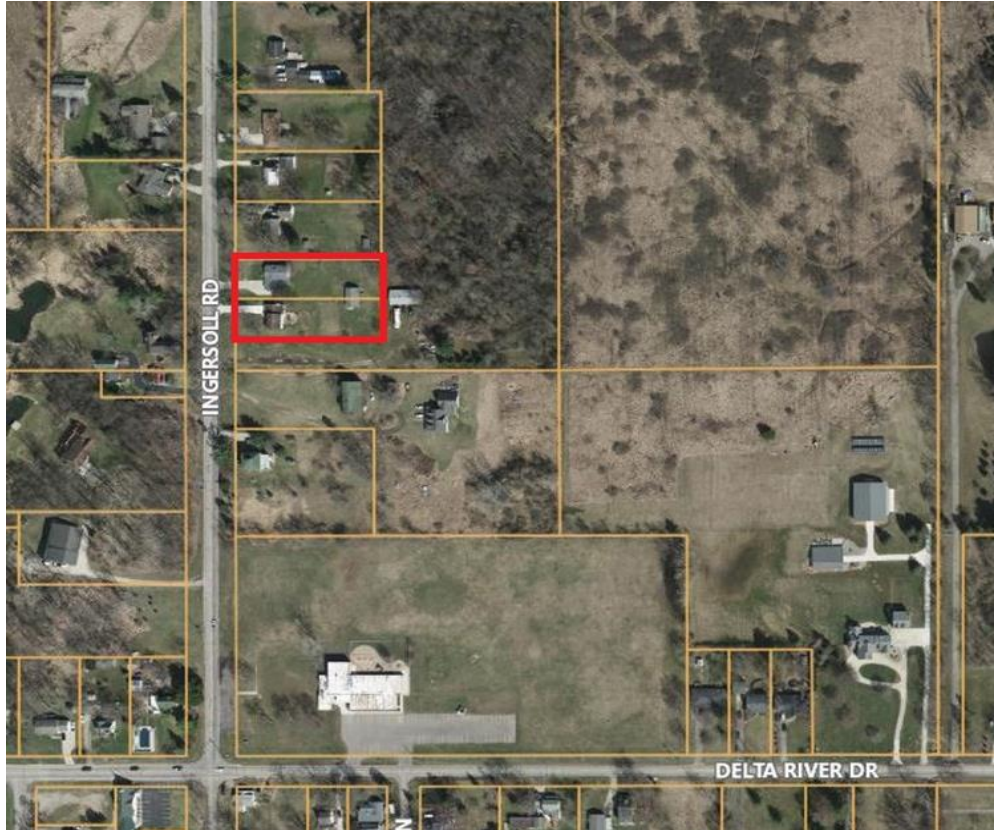


Figure 1: Location Map



Figure 2: Proposed Lot Split Configuration

Planning Department
Assessing Department
7710 W Saginaw Highway
Lansing, MI 48917

517-323-8560
517-323-8520

Page 1 of 2

Land Division Application

You must answer all question and include all attachments, or this application will be returned to you as incomplete. Please call the Assessing or Planning Department with questions.

Approval of a division of land is required prior to it being sold, if the new parcel is less than 40 acres, and not a property line adjustment between adjoining owners. (§102(e&f))

1. **Property Owner Information**

Name(s) of Owner(s): Nancy Lubeski
Address: 3140 Ingersoll Road
City: Lansing, State: MI, Zip Code: 48906
Telephone: Home: (517) 420 6808, Work: (), Fax: (), Cell: ()

2. **Applicant Information (if not the property owner(s))**

Name of Applicant: Stanley R. Siefert
Contact Person: Stanley Siefert
Address: 3144 Ingersoll Rd
City: Lansing, State: MI, Zip Code: 48906
Telephone: Home: (), Work: (), Fax: (), Cell: (X) 517-235-7778

3. **Property Information**

Property Address: 3140 Ingersoll Road / 3144 Ingersoll
Parcel number(s) of Parent Tract proposed for division:
23-040-050-505-341-00 23-040-____-____-____-00
23-040-050-505-351-00 23-040-____-____-____-00

(A Parent Tract is contiguous property under common ownership as of March 31, 1997.)

Current parcel number of proposed division if property has been divided since
March 31, 1997: 23-040-____-____-____-____

4. **Proposed Land Division(s)**

Number of new parcels proposed to be created, including remainder parcel _____

5. Attachments (required for application to be complete)

- ☒ Legal description and land area of parent parcel.
- ☒ Legal description and land area of proposed division, including remainder parcel.
- ☒ A tentative parcel map or survey drawn to scale showing:

- *Boundaries of parent tract as of March 31, 1997.
- *Any previous land division(s) made after March 31, 1997.
- *Boundary lines of proposed land divisions including remainder parcel.
- *Public utility easements.
- *How access to each requested land division and remainder parcel will be provided. (please check appropriate space below)

____ Public Road ____ Private Road ____ Easement ____ Other

Property owner's signature(s) Mary Dubeli

Date 5-1-22

Applicants Signature (if not owner) Sherry R. Sph

Date 5-2-22

File completed application and the required attachments with the Delta Township Planning Department. There is a land division application fee of \$100.00 for the first division and \$25.00 for each additional division.

Official Use Only

Filing Date 5-5-22

Received By Matt McKernan

Receipt # for Application Fee _____

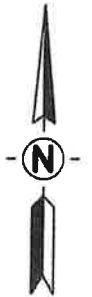
PLANNING DATE APPROVED _____
 APPROVED BY: _____
 ACCT. NO. _____

CERTIFIED BOUNDARY SURVEY

FOR: **STAN SIEFKER**

NOTES:

1. EASEMENTS, IF ANY, NOT SHOWN
2. ALL DIMENSIONS ARE AS MEASURED UNLESS NOTED OTHERWISE
3. SEE PAGE 2 FOR IMPROVEMENT DETAILS



SOUTH 1/4 CORNER
SECTION 34, T5N, R3W

SOUTHEAST CORNER
SECTION 34, T5N, R3W

SOUTH LINE SECTION 34, T5N, R3W &
STANDARD NORTH LINE SECTION 3, T4N, R3W
N89°50'38"W 1447.37'

4.58'

NORTHEAST CORNER
SECTION 3, T4N, R3W

CENTERLINE INGERSOLL ROAD

S89°50'38"E 4.41'
NORTH 1/4 CORNER
SECTION 3, T4N, R3W

S89°50'38"E 1190.32'

(R)SOUTH (R)809.00'
S00°16'43"W 800.56'

S00°16'43"W 715.56'
(R)SOUTH (R)724.00'



INGERSOLL ROAD

(PUBLIC- PLATTED 100' WIDE R.O.W.)
(PLATTED AS MAIN STREET)

(R&M)90.00'

N00°16'43"E
(R)NORTH

P.O.B. B

50' RIGHT-OF-WAY

1/2" PIPE

P.O.B. A

S89°14'16"E (R&M)341.00'
(R)EAST

PARCEL A
±0.84 ACRE

TAX ID:
040-050-505-351-00

N89°14'16"W (R)EAST (R)341.00'
S89°14'16"E 256.00'

PARCEL B
±0.52 ACRE

TAX ID:
040-050-505-341-00

N89°14'16"W 256.00'
(R)WEST (R)341.00'

P.O.B.
TRANSFER
PARCEL

PREVIOUS
PARCEL LINE

S89°14'16"E 85.00'
(R)SOUTH (R)85.00'
(R&M)90.00'
S00°16'43"W

S00°16'43"W 175.00'

85.00' 1/2" PIPE
N89°14'16"W

TRANSFER
PARCEL
±0.17 ACRE

STEADMAN SURVEY 850290
LIBER 4 PAGE 182

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Manager's Office

(517) 323-8590

DATE: December 19, 2022
TO: Supervisor Kenneth R. Fletcher and the Delta Township Board
FROM: Brian Reed, Township Manager
Courtney Nicholls, Finance Director/Deputy Treasurer
SUBJECT: Updates to MERS Documents due to new Fire Contract

With the ratification of the Firefighter contract two documents need to be adopted in order to update the work hours required to receive service credit and adopt Act 88. Under the new contract the firefighters work an average 51.5 hour work week; past practice indicates that an employee is required to work at least half a month to earn service credit, so 112 hours of work are now required to earn MERS service credit for the month. Adopting Act 88 will allow an employee that comes from a community with a defined benefit program to combine that time with Delta time for vesting and pension eligibility. This applies to pension only and will not be used to determine eligibility for retiree health care. The Act 88 resolution will be filed with both MERS and the State of Michigan.

The following motion is offered for your consideration:

"I move that the Delta Township Board approves the following:

- 1. MERS Defined Benefit Plan Adoption Agreement***
- 2. Resolution for Adopting Act No. 88***

Furthermore that the Delta Township Board authorizes the Township Manager to sign and execute these agreements."

BE IT RESOLVED, that the Township Board
(Governing Body)
of the Charter Township of Delta
(Governmental Unit) hereby elects to adopt the provisions of Act No. 88,

Public Acts of 1961, as amended, and become a reciprocal unit under the Reciprocal Retirement Act; and

BE IT FURTHER RESOLVED, that a certified copy of this Resolution shall be filed within ten
(10) days from the date of this election with:

Michigan Department of State
Office of the Great Seal
7064 Crowser Boulevard
Lansing, MI 48918

and

Municipal Employees' Retirement
System of Michigan
1134 Municipal Way
Lansing, MI 48917

MOVED BY: _____

SUPPORTED BY: _____

Ayes: _____ Nays: _____

Adopted: _____,
(Date)

I, _____, _____, of the
(Name) (Title)

_____ do hereby certify that the aforesaid is
(Governmental Unit)

a true and correct copy of a Resolution adopted at a regular meeting of the _____

_____ held on _____, _____.

(Signature of Authorized Official)

(Title)

Defined Benefit Plan Adoption Agreement



1134 Municipal Way Lansing, MI 48917 | 800.767.MERS (6377) | Fax 517.703.9711

www.mersofmich.com

The Employer, a participating municipality or participating court within the state of Michigan, hereby agrees to adopt and administer the MERS Defined Benefit Plan provided by the Municipal Employees' Retirement System of Michigan, as authorized by 1996 PA 220, in accordance with the MERS Plan Document, as both may be amended, subject to the terms and conditions herein.

I. Employer Name Delta Charter Twp. **Municipality #:** 2306

If new to MERS, please provide your municipality's fiscal year: _____ through _____.
Month Month

II. Effective Date

Check one:

A. ☐ If this is the **initial** Adoption Agreement for this group, the effective date shall be the first day of _____, 20__.

☐ This municipality or division is new to MERS, so vesting credit prior to the **initial** MERS effective date by each eligible employee shall be credited as follows (choose one):

- ☐ All prior service from date of hire
- ☐ Prior service proportional to assets transferred; all service used for vesting
- ☐ Prior service and vesting service proportional to assets transferred
- ☐ No prior service but grant vesting credit
- ☐ No prior service or vesting credit

☐ Link this new division to division number _____ for purposes of determining contributions (Unless otherwise specified, the standard transfer/rehire rules apply)

For divisions that are closing or freezing with or without conversion, the Employer must complete the Addendum for Plan Freeze, Closure and Conversions

B. ☒ If this is an **amendment** of an existing Adoption Agreement (Defined Benefit division number 05), the effective date shall be the first day of 01/2023 (mm/yy). *Please note:* You only need to mark **changes** to your plan throughout the remainder of this Agreement.

C. ☐ If this is a **temporary benefit** (Defined Benefit division number(s) _____), select one of the following:

☐ This is a **temporary Benefit Window** with a duration of 2-6 months. Effective dates are from ___/01/___ through the last day of ___/20___ (mm/yy). Complete provisions as applicable under Section IV of this form.

☐ This is a **temporary Lump Sum Buyout Program** for terminated vested participants with a duration of 6-24 months. Effective dates are from ___/01/___ through the last day of ___/20___ (mm/yy). Payout will reflect ___% (1-100%) of the participant's present value of accrued benefit. For example, if 40% is used, the payout will be 40% of the present value of the benefit. This percentage cannot be changed once adopted.

Defined Benefit Plan Adoption Agreement

- D. ☐ If this is to **separate employees from an existing Defined Benefit division** (existing division number(s) _____) into a new division, the effective date shall be the first day of _____, 20____.
- E. ☐ If this is to merge division(s) _____ into division(s) _____, the effective date shall be the first of _____, 20____.
- F. ☐ If this is an amendment to close Defined Benefit division(s) # _____, with new hires, rehires, and transfers going into an **existing** Defined Benefit division # _____, the effective date shall be _____ (month/year).

Note: Closing this Defined Benefit division(s) will change future invoices to a flat dollar amount instead of a percentage of payroll, as provided in your most recent annual actuarial valuation.

(The amount may be adjusted for any benefit modifications that may have taken place since then).

III. Plan Eligibility

Division Title: 05-Fire Dept

Only those employees eligible for MERS membership may participate in the MERS Defined Benefit Plan. If an employee classification is **included** in the plan, then employees that meet this definition will receive service credit if they work the required number of hours to meet the service credit qualification defined below. All eligible employees must be reported to MERS. Please describe the specific classifications that are eligible for MERS within this division:

All union employees

(For example: e.g., Full-time employees, Clerical staff, Union Employees participating in XXXX union)

This Division includes **public safety employees** (this information is used for actuarial purposes only. It does not relate to the additional tax for early distribution): ☐ Yes ☐ No

To further define eligibility (select all that apply):

Employee Classification	Included	Excluded	Not Employed
Temporary Employees: Those who will work for the municipality fewer than _____ months in total	☐	☐	☐
Part-Time Employees: Those who regularly work fewer than _____ per _____	☐	☐	☐
Seasonal Employees: Those who are employed for tasks that occur at specific times of the year	☐	☐	☐
Voter-Elected Officials	☐	☐	☐
Appointed Officials: An official appointed to a voter-elected office	☐	☐	☐
Contract Employees	☐	☐	☐
Other: _____	☐	☐	
Other 2: _____	☐	☐	

Defined Benefit Plan Adoption Agreement

Probationary Periods (select one):

- ☐ Service will begin after the probationary period has been satisfied. Probationary periods are allowed in one-month increments, no longer than 12 months. During this probationary period, the employer will not report or provide service. Service will begin to accrue and contributions must be reported when the Probationary Period ends.

The probationary period will be _____ month(s).

Comments:

- ☐ Service will begin with the employee's date of hire (no Probationary Period). Effective with the date of hire, wages paid and any associated contributions must be submitted to MERS.

IV. Provisions

1. Service Credit Qualification

To clarify how eligible employees earn service credit, please indicate how many hours per month an eligible employee needs to work. For example, if you require 10 eight-hour days, this would be 80 hours per month. If an *hours and days* has been previously defined (like 10 seven-hour days), stating "70 hours" will be required. Employees must meet the definition of Plan Eligibility in order to earn service credit under the plan.

To receive one month of service credit, an employee shall work (or be paid for as if working) _____¹¹² hours in a month.

2. Leaves of Absence

Indicate by checking the boxes below, whether the potential for service credit will be allowed if an eligible employee is on one of the following types of leave, regardless of meeting the service credit qualification criteria.

Regardless whether an eligible employee is awarded service credit while on the selected type(s) of leave:

- MERS will skip over these months when determining the FAC amount for benefit calculations.
- Third-party wages **are not** reported for leaves of absence.
- Employers **are not** required to remit employer contributions based on leaves of absence when no wages are paid by the employer.
- For **contributory divisions**, employee contributions are required where service credit is granted and due at the time of monthly wage and contribution reporting. Employers may use the following formula to calculate employee contributions: the employee's current hourly rate (prior to leave), multiplied by service credit qualification (hours) multiplied by employee contribution. For example, if employees' hourly rate is \$20, the division requires 120 hours to obtain service credit, and employee contributions are 5%, the calculation will look like: $\$20/\text{hour} \times 120 \times .05 = \120 in employee contribution for that leave month. Employers may use another internal formula, if they choose and MERS will make note of it.

If an alternative formula is going to be used, please describe that here:

Defined Benefit Plan Adoption Agreement

Type of Leave	Service Credit Granted	Service Credit Excluded
Short-Term Disability	☐	☐
Long-Term Disability	☐	☐
Workers' Compensation	☐	☐
Unpaid Family Medical Leave Act (FMLA)	☐	☐
Other: _____ For example, sick and accident, administrative, educational, sabbatical, etc.	☐	☐
Other 2: _____ Additional leave types as above	☐	☐

Leaves of absence due to military service are governed by the Federal *Uniformed Services Employment and Reemployment Rights Act* of 1994 (USERRA), IRC 414(u), effective January 1, 2007, IRC 401(a)(37). Military reporting requires historical wage and contribution reporting for Defined Benefit as applicable.

3. Definition of Compensation

The Definition of Compensation is used to calculate a participant's final average compensation and is used in determining both employer and employee contributions. Wages paid to employees, calculated using the elected definition, must be reported to MERS.

Select your Definition of Compensation:

- ☐ Base Wages ☐ Box 1 Wages of W-2 ☐ Gross Wages
☐ Custom Definition

Click here to view details of Base, Box 1, and Gross Wages

(To customize your definition, please complete the [Custom Definition of Compensation Addendum](#).)

V. Valuation-Required Provisions

Valuation Date: _____, 20____

1. Review the valuation results

It is recommended that your MERS representative presents and explains the valuation results to your municipality before adopting. Please choose one:

- ☐ Our MERS representative presented and explained the valuation results to the _____ on _____.
(Board, Finance Cmte, etc.) (mm/dd/yyyy)
- ☐ As an authorized representative of this municipality, I _____ (Name)
_____ (Title) waive the right for a presentation of the results.

This Adoption Agreement will be implemented in conjunction with a current actuarial valuation certified by a MERS actuary that sets contribution rates.

Annually, the MERS actuary will conduct an actuarial valuation to determine the employers' contribution rates. Employers are responsible for payment of said contributions at the rate, in the form and at the time that MERS determines.

Defined Benefit Plan Adoption Agreement

2. **Benefit Multiplier** (1%-2.5%, increments of 0.05%) _____ % (max 80% for multipliers over 2.25%)

☐ Check here if multiplier will be effective for existing active members' future service only (Bridged Benefit as of effective date on page 1)

If checked, select one below:

☐ Termination Final Average Compensation (calculated over the members entire wage history)

☐ Frozen Final Average Compensation (FAC is calculated twice, once for the timeframe that matches the original multiplier, and once for the new multiplier)

3. **Final Average Compensation** (Min 3 yr, increments of 1 yr) _____ years

4. **Vesting** (5 -10 yrs, increments of 1 yr) _____ years

5. **Normal Retirement Age** will be the later of: _____ (any age from 60-70), or the vesting provision selected above (#4).

6. **Required employee contribution** (Increments of 0.01%) _____ %

7. **Unreduced Early Retirement/Service Requirements:**

☐ Age 50 – 54 _____ Service between 25 and 30 years _____

☐ Age 55 – 65 _____ Service between 15 and 30 years _____

☐ Service only (must be any number from 20 – 30 years accrued service): _____

☐ Age + Service Points (total must be from 70 – 90): _____ points

8. **Other**

☐ Surviving Spouse will receive 50% of Straight Life benefit without a reduction to the employees' benefit (also known as an RS50)

☐ Duty death or disability enhancement (add up to additional 10 years of service credit not to exceed 30 years of service)

☐ Deferred Retirement Option Program (DROP) – If selected, complete the following:

• Credited interest rate: _____ % (please select either 0 or 3%)

• The employer, if selected, will delay a Cost of Living Adjustment (COLA) during the DROP period (skip if not applicable): ☐ Yes ☐ No

• Credited payment percentage will be: _____ % (enter a number from 10-100% in increments of 10%) throughout the duration of the DROP period.

Defined Benefit Plan Adoption Agreement

☐ Annuity Withdrawal Program (AWP)

Calculation of the actuarial equivalent of the lump sum distribution made under AWP will be done using:

- ☐ Interest rate for employee contributions as determined by the Retirement Board, or
☐ MERS' assumed rate of return as of the date of the distribution.

9. Cost-of-Living Adjustment

☐ All current retirees as of effective date ☐ Retirees who retire between ____/01/____ and ____/01/____	☐ Future retirees who retire after effective date
Increase of ____% or \$____ per month	Increase of ____% or \$____ per month
Select one: ☐ Annual automatic increase ☐ One-time increase	☐ Annual automatic increase
Select one: ☐ Compounding ☐ Non-compounding	Select one: ☐ Compounding ☐ Non-compounding
Employees must be retired ____ months (6-12 months, increments of 1 month)	Employees must be retired ____ months (6-12 months, increments of 1 month)

- ☐ Check here if the existing COLA will be bridged for active participants as of the effective date selected on this form. Benefits accrued for service after the effective date will have no COLA increase applied.

10. Service Credit Purchase Estimates are:

- ☐ Not permitted
☐ Permitted

VI. Appointing MERS as the Plan Administrator

The Employer hereby agrees to the provisions of this *MERS Defined Benefit Plan Adoption Agreement* and appoints MERS as the Plan Administrator pursuant to the terms and conditions of the Plan. The Employer also agrees that in the event of any conflict between the MERS Plan Document and the MERS Defined Benefit Plan Adoption Agreement, the provisions of the Plan Document control.

VII. Modification Of The Terms Of The Adoption Agreement

If the Employer desires to amend any of its elections contained in this Adoption Agreement, including attachments, the Governing Body or Chief Judge, by resolution or official action accepted by MERS, must adopt a new Adoption Agreement. The amendment of the new Agreement is not effective until approved by MERS.

Defined Benefit Plan Adoption Agreement

VIII. Enforcement

1. The Employer acknowledges that the Michigan Constitution of 1963, Article 9, Section 24, provides that accrued financial benefits arising under a public Employer's retirement plan are a contractual obligation of the Employer that may not be diminished or impaired, and prohibits the use of the Employer's required current service funding to finance unfunded accrued liabilities.
2. The Employer agrees that, pursuant to the Michigan Constitution, its obligations to pay required contributions are contractual obligations to its employees and to MERS and may be enforced in a court of competent jurisdiction;
3. In accordance with the Constitution and this Agreement, if at any time the balance standing to the Employer's credit in the reserve for employer contributions and benefit payments is insufficient to pay all service benefits due and payable to the entity's retirees and beneficiaries, the Employer agrees and covenants to promptly remit to MERS the amount of such deficiency as determined by the Retirement Board within thirty (30) days notice of such deficiency.
4. The Employer acknowledges that wage and service reports are due monthly, and the employee contributions (if any) and Employer contributions are due and payable monthly, and must be submitted in accordance with the MERS Enforcement Procedure for Prompt Reporting and Payment, the terms of which are incorporated herein by reference.
5. Should the Employer fail to make its required contribution(s) when due, the retirement benefits due and payable by MERS on behalf of the entity to its retirees and beneficiaries may be suspended until the delinquent payment is received by MERS. MERS may implement any applicable interest charges and penalties pursuant to the MERS Enforcement Procedure for Prompt Reporting and Payment and Plan Document Section 79, and take any appropriate legal action, including but not limited to filing a lawsuit and reporting the entity to the Treasurer of the State of Michigan in accordance with MCL 141.1544(d), Section 44 of PA 436 of 2012, as may be amended.
6. The Employer acknowledges that changes to the Employer's MERS Defined Benefit Plan must be made in accordance with the MERS Plan Document and applicable law, and agrees that MERS will not administer any such changes unless the MERS Plan Document and applicable law permit same, and MERS is capable of administering same.

IX. Execution

Authorized Designee of Governing Body of Municipality or Chief Judge of Court

The foregoing Adoption Agreement is hereby approved by _____ on
the ____ day of _____, 20____. (Name of Approving Employer)

Authorized signature: _____

Title: _____

Received and Approved by the Municipal Employees' Retirement System of Michigan

Dated: _____, 20____ Signature: _____
(Authorized MERS Signatory)



Accounting Department

(517) 323-8510

TO: Supervisor Kenneth R. Fletcher and the Delta Township Board

FROM: Courtney Nicholls, Finance Director/Deputy Treasurer

DATE: December 21, 2022

SUBJECT: 2022 Budget Amendments

Provided for consideration by the Board are amendments to the 2022 budget. A written explanation for the requests is provided below along with a spreadsheet with the account details.

GENERAL FUND

Buildings & Grounds. The Township has been working with Christman and C2AE on the Sheriff Substation project. This amendment is to cover the costs of the work that was done on this project in 2022 that exceeded the original budgeted amount. The Board approved an amended scope of work with Christman/C2AE on August 14, 2022 to continue the design process leading up to the millage election.

General Activity. Due to changes in the interpretation of the law regarding foreclosures, the County will now be charging taxing entities for their share of the back taxes that are not recouped when a property is sold via tax foreclosure auction. This is the first chargeback to the Township since the changes. The chargeback amount is substantial because it includes the cost of demolishing the house that was on the property, which had been placed on the tax bill.

Fire Department/Looking Glass. Additional expenses were incurred from overtime that was used in the first half of the year due to staffing shortages and health care expense increased due to an employee adding onto the Twp health care.

Sheriff. The County fiscal year starts October 1 and the payment increased more than the budgeted amount. Security cameras were also purchased for the substation this fiscal year.

Cemetery. Increased ground maintenance expenses for tree removal and supplies.

Engineering. The retirement of two long term employees required cash outs of their accrued benefits and additional costs were incurred for salaries for the employees hired to replace them.

Parks & Recreation. The budgeted grant projects were delayed until 2023 so the funds that were budgeted for those projects are being used to offset the increased costs itemized above.

Stryker Lease. Amendments are proposed relative to the Township lease agreement with Stryker. New lease accounting standards require that in year one of the lease the full value of the lease is shown as an expenditure with an offsetting revenue (other financing sources). This is a non-cash transaction. The actual lease payment is accounted for separately.

Library Lease. Due to the new accounting standards for leases, the lease revenue for the library building needs to come into general fund and then be transferred to the debt service fund for payment of the bond.

AMBULANCE FUND

Transfer Out. This transfer out to General Fund is to pay the ambulance fund's portion of the Stryker lease.

The following motion is offered for your consideration:

"I move the Delta Township Board amend the 2022 General Fund and Ambulance Fund budgets by approving the changes to the revenue and expenditure accounts per the attached summary.

Please feel free to contact me with any questions. Thank you.

Budget Amendments

General Fund 101[illegible]

Budget Amendments

101-447-801.000	Engineering - Salary	No	Expenditure	\$	287,700	\$	81,000	\$	368,700
Reason for Amendments	Employee benefit cash outs due to retirements and salary expense for new hires								
101-751-970.000	Parks & Recreation - Capital Outlay	No	Expenditure	\$	1,336,000	\$	(588,000)	\$	748,000
Reason for Amendments	Project Delay to 2023								
101-253-995.000	Transfer Out - General Debt Service	No	Expenditure			\$	372,600	\$	372,600
Reason for Amendments	To transfer the library lease payment to the General Debt Service fund to pay the bond payment								

Total change in Revenue - increase /(decrease): \$ -
Total change in Expenditures - increase /(decrease): \$ -
Change to Overall Budget's revenue over expenditures: \$ -
Source of Reserves, if applicable: N/A

Ambulance 210

Line Number	Line Description								
		New Line # ?	Revenue or Expenditure?	Original Adopted Budget	Previously Amended Budget	Amendment Amount	Budget After Current Amendment		
210-651-995.101	Transfer out to General Fund	Yes	Expenditure	\$	-	\$	100,000	\$	100,000
Reason for Amendments	Ambulance Fund portion of lease payment to Stryker								

Total change in Revenue - increase /(decrease): \$ -
Total change in Expenditures - increase /(decrease): \$ -
Change to Overall Budget's revenue over expenditures: \$ -
Source of Reserves, if applicable: New line for budgeted expenditure



MEMO

TO: Supervisor Kenneth R. Fletcher and the Delta Township Board

FROM: Matt McKernan, Planner

DATE: December 13, 2021

SUBJECT: Final Consideration of Rezoning Request in Case No. 10-21-16.

The Township is in receipt of an application submitted by Ted Harkins (1314 Pine Ridge Dr, Lansing, MI 48917) to rezone a 4.25 undeveloped parcel (Parcel No. 040-033-400-120-00) on Davis Highway from AG2-Agricultural/Residential to I-Industrial. The subject property is adjacent to the I-96 freeway, in Section 33 of Delta Township.

On October 17, 2022, the Board referred the request to the Planning Commission for the purpose of holding a public hearing and making a recommendation to the Township Board. The hearing before the Planning Commission was held on November 14, 2022. The Planning Commission recommended approval of the rezoning request by a vote of 6-2. The request was formally introduced to the board on November 21, 2022.



Attached please find the summary record of public hearing for the rezoning request. Staff's report containing an aerial location map, photos, and other pertinent information is also attached.

The following motion, consistent with the Planning Commission's recommendation, is offered for the Board's consideration:

"I move that the Delta Township Planning Commission recommend approval of Case No. 10-21-16 to the Township Board, for the proposed rezoning of parcels 040-050-505-341-00 & 040-050-505-351-00 from AG2-Agricultural/Residential to I-Industrial for the following reasons:

- 1. The request meets the general standards for amendments to the official zoning map found in Section 16.04(B) of the 2017 Delta Township Zoning Ordinance.*
- 2. The use is consistent with the future land use recommendations of the 2013 Comprehensive Plan.*

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Engineering Department

(517) 323-8540

TO: Supervisor Kenneth R. Fletcher and the Delta Township Board

FROM: Ernest A. West, P.E., Township Engineer

DATE: December 14, 2022

**SUBJECT: Delta Market Drive Sanitary Sewer Lift Station
Service Area Master Planning
Proposal for Professional Services**

During planning for the utility service for the Delta Crossing development, the Township evaluated, and master planned the water and sanitary sewer service for the entirety of the Delta Crossing site, located north of Saginaw Highway. This effort identified needed upgrades to Pepper Ridge Sanitary Sewer Lift Station and discharge force main and confirmed available capacity in the Delta Market Drive Sanitary Sewer Lift Station for the Delta Crossings site build out.

Since mid-2022, the Township has been approached regarding several potential large residential development projects on large vacant parcels located in the area between Broadbent and I-96, south of Saginaw Highway (see attached map). The parcels under consideration for development all lie with the Delta Market Drive Lift Station service area. Staff have reviewed these projects individually both internally and with our hydraulic modeling consultant, OHM Advisors. Given the total number of housing units being proposed in this area, it has become apparent that a holistic review of the sanitary lift station service area is required to answer several important questions, namely:

- How much capacity is remaining in the lift station?
- How much capacity is needed to build out the service area?
- What upgrades in the sanitary sewer system will be required to allow the build out of the service area?
- When will these upgrades be required?

Staff have obtained the attached proposal from OHM Advisors to complete a service area study to answer these questions. OHM has assisted the Township with previous hydraulic modeling, flow metering, lift station testing and development analysis in this area and are well suited to assist with answering these questions.

Staff have reviewed the proposal and are recommending acceptance. The following motion is offered for your consideration:

"I move that the Delta Township Board approve the proposal from OHM Advisors, in an amount not-to-exceed \$30,000 to complete the Sewer Master Plan for the Delta Market Drive Sanitary Sewer Lift Station Service Area; and further that the Township Manager be authorized and directed to execute said agreement."

Staff will attend the December 19, 2022 Township Board Meeting to answer any questions or address any concerns from the Board. If there any questions in the interim, please let us know. Thank you.

7710 West Saginaw Highway • Lansing, Michigan 48917-9712

Phone: (517) 323-8540 • Fax: (517) 327-1760

www.deltami.gov • www.facebook.com/deltatownship • www.twitter.com/deltatownship



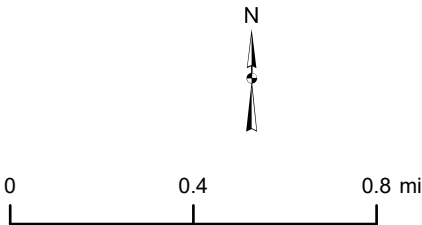
[Back to Agenda](#)

Delta Market Drive Lift
Station Service Area Build

Parcels

Potential Development
Sites Shaded Blue

Delta Market
Drive Lift Station



Source: Data provided by Delta Township and other entities depending on the community/subject matter. Delta Township does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

Map Published: December 15, 2022





ARCHITECTS. ENGINEERS. PLANNERS.

December 7, 2022

Mr. Ernest (Ernie) West, P.E.
Township Engineer
Delta Charter Township
7710 West Saginaw Highway
Lansing, MI 48917

RE: Proposal for Professional Services
Sewer Master Plan - Delta Market Drive Service Area

Dear Mr. West:

Thank you for contacting us to provide professional services to Delta Township for the Sewer Master Plan for the Delta Market Drive Service Area. We have prepared this letter proposal based on the information provided and discussions with you and Township staff. This proposal represents our understanding of the project, scope of services, schedule, and compensation.

Statement of Understanding

Delta Township has received multiple development proposals within the Delta Market Drive Pump Station (PS) service area within the last few years. Delta Market Drive PS has two forcemain (8-inch and 10-inch) that cross under I-96 into the Carrier Creek Interceptor. Currently, the 10-inch forcemain is feeding flow from Pepperidge and Delta Market Drive lift stations. The 8-inch forcemain only services the Delta Market Drive flow. The Township has field tested multiple pump/forcemain operations to determine the available flow with the Delta Market Drive service area for future growth.

OHM has assisted the Township with reviewing the flow testing results and compared the flow rates with the proposed developments for the Delta Market Service Area. The preliminary result from the analysis has results in the Township pursuing a Sewer Master Plan for the Delta Market Service Area to better understand and service the future growth of the Township.

Scope of Services

Our Scope of Services includes the tasks required to complete the Sewer Master Plan for the Delta Market Drive Service Area. Specific tasks to complete this project are as follows:

Task 1 – Hydraulic Analysis

OHM will analyze the hydraulics of the existing Delta Market Drive Pump Station and propose future updates.

1. Collect and evaluate SCADA run-time data at the pump station to determine average day, maximum day and peak hour flow.
2. Analyze observed pressure/flow tests versus theoretical pressure/flow through the pump station and each of the forcemain(s), noting whether or not the Delta Market Drive station is operating.
3. Calculate system curves for both forcemain (8-inch and 10-inch) for the Delta Market Drive PS. Township to provide existing pump curves to determine the current pump capacity using the existing forcemain(s). This will provide verification of the existing system performance and can be used as a baseline for additional



analysis.

4. Determine proposed duty point for the pumps at Delta Market Drive, based on the service area evaluation completed as part of Task 2.
5. We understand the Delta Market Pump Station has additional capacity to fit two additional pumps. OHM's evaluation will consider options to maximize the existing station pumping capacity based on its current configuration and forcemain capacity.
6. Calculate the wet well cycle time with the revised pump operations.
7. Evaluate the pump station under the current EGLE requirements (i.e. bypass connection, firm capacity, standby power, etc.) and to maximize the pumping.
8. Review as-builts drawings for future pump configurations to increase pump station capacity (firm capacity). If the station cannot be expanded to meet the future pump configurations, an evaluation for an offline equalization basin would be completed per Task 5.
9. A conceptual control strategy for the station will be evaluated and revisions to the piping layout included.
10. Meet with the Township to review the results. Meetings are assumed to occur virtually.

Deliverables

- Summary table for the flow rates (average, maximum and peak) for current and ultimate demands.
- Conceptual alternative to maximize the existing pump capacity at the existing station layout and forcemain capacity.
 - Pump layout
 - Piping and valve modifications, including control valves needed for the control strategy.
 - Compliance components (i.e. Upgrades that may be required by Ten State Standards and/or EGLE)
 - Electrical modifications (including out of date components and panels and additional horsepower requirements)
 - Control Strategy writeup

Task 2 – Service Area Evaluation

Revise the service area boundary for Delta Market Drive Pump Station

1. Calculate future flows from projected residential equivalent units (REUs) based on future developments, including average day, maximum day and peak hour flows. REUs to be provided by the Township.
2. Develop service area map with current and future REUs
3. Meet with the Township to review the results. Meetings are assumed to occur virtually.

Deliverables

- A map of the service area
- Summary of existing REUs and future REUs within the Delta Market Drive service area.

Task 3 – Carrier Creek Evaluation

Review the gravity sewer capacity of the 15-inch sewer connection to the Carrier Creek Interceptor

1. Model the Carrier Creek Interceptor with the 15-inch gravity sewer to determine the amount of flow that can be handled in the pipe before upgrades/modifications are required to service Delta Market Drive.
2. Determine size and location of a relief sewer or upsize the 15-inch sewer
3. Meet with the Township to review the results. Meetings are assumed to occur virtually.

Deliverables

- Model profiles of the existing conditions
- Model profiles with system modifications to include a relief sewer or upsize existing 15-inch sewer



Task 4 – Technical Memorandum

OHM will prepare a short memo of 3-4 pages that outlines the methodology and findings from the evaluation. We will submit a draft of the memo for the Township to review and prepare a final memo based on the comments received.

The memo will include:

1. A narrative, tables and maps that summarize the analysis and findings.
2. Provide summary of existing flow rates and future growth flow rates
3. Provide recommendations at the Delta Market Drive PS to serve the future developments and convey flows safely to the Carrier Creek Interceptor, such as upgrades to the lift station and/or a relief sewer.
4. Meet with the Township to review the results. Meetings are assumed to occur virtually.

Deliverables

- ▼ Technical Memorandum

Task 5 - As-Needed Services

Additional as-needed items may arise during the study, most notably an evaluation for an offline equalization basin nearby or adjacent to the Delta Market Drive Pump Station. Other items, which were not anticipated at the time this proposal, may also need to be prepared. These efforts will not be completed until written authorization has been provided by Delta Township agreeing to the extra work and the budget allowance for this task will not be used without advanced authorization from Delta Township. OHM will prepare a Scope of Services and a budget for each item for approval by Delta Township before proceeding. At this time, we would suggest a budget of \$5,000 for these efforts which may include:

1. Model the gravity sewer servicing the Delta Market Drive Pump Station
2. Equalization Basin at Delta Market Drive to serve the ultimate service area and flow rates identified in Tasks 1 and 2.

Schedule

We are prepared to commence work on this project on January 3, 2023 upon receipt of your written authorization to proceed. The project should take six to eight weeks.

Compensation

OHM Advisors will provide the above-outlined professional services in accordance with the following fee schedule. Our professional services will be performed on an hourly basis for a total of \$25,000.

Task	Cost
Task 1 – Hydraulic Analysis	\$11,000
Task 2 – Service Area Evaluation	\$3,000
Task 3 – Carrier Creek Evaluation	\$6,500
Task 4 – Technical Memorandum	\$4,500
Total All Tasks	\$25,000
Task 5 – Additional As-Needed Services	\$5,000



Notes:

1. Fees were determined based on the noted assumptions. OHM Advisors proposes to confirm these assumptions with Delta Township prior to commencing services.
2. The cost associated with each task assumes authorization and execution of all the tasks (Tasks 1 through 4).
3. It is assumed four (1-hour) meetings between the Township and OHM will be held.
4. **“Hourly (Estimated Fee)”** represents the budget estimate for the tasks (per the rates identified in our Hourly Rate Schedule). Budget estimate shall serve as a maximum. Any requested work beyond this fee must be approved by Delta Township prior to proceeding.

Clarifications and Assumptions

Our Proposal was prepared based on the following assumptions:

- ▶ If additional labor effort or change in schedule is required beyond described herein, OHM Advisors will negotiate an amendment with Delta Township. OHM Advisors will not proceed with additional services without written authorization to proceed from Delta Township.
- ▶ Meetings shall be conducted in accordance with the Scope of Services as described herein. Four meetings have been assumed. Additional meetings, not described within our Scope of Services, shall be considered additional services and will be billed on an hourly basis under the Additional As-Needed Services Allowance upon agreement with Delta Township.
- ▶ OHM will model the existing and future growth scenario for the Delta Market Drive service area in the Carrier Creek Interceptor model.
- ▶ OHM will model two system modifications in the Carrier Creek model – relief sewer and/or upsizing of the 15-inch sewer.

Client Responsibilities

- ▶ Delta Township will provide a single point of contact to OHM Advisors who is knowledgeable about the project needs and desired outcomes
- ▶ Delta Township will provide the following, if available, to assist us with the project: Delta Market Drive PS as-builts, future development REUs for Delta Market Drive service area, boundary area of the Delta Market Drive service area.

Authorization and Acceptance

If this proposal is acceptable to you, your signature on this letter with a copy returned to me will serve as our authorization to proceed. Upon execution, this Proposal, the Terms & Conditions and the other attachments will form our agreement.

Thank you for giving us the opportunity to be of service. We look forward to working with you on this project. This proposal is valid for 30 days from the date of this letter. If you have any questions or comments, please contact me at Nancy.russell@ohm-advisors.com or 313-481-1272.



Sincerely,
OHM Advisors

Acceptance
Delta Township

Nancy Russell 12/07/22
Nancy Russell, Project Manager Date

Brian Reed, Township Manager Date

Attachments: Standard Terms and Conditions

cc: Rick Kane, Utility Director, Delta Township
 Robert Czachorski, Principal in Charge, OHM Advisors;

STANDARD TERMS and CONDITIONS

1. THE AGREEMENT – These Standard Terms and Conditions and the attached Proposal or Scope of Services, upon their acceptance by the Owner, shall constitute the entire Agreement between Orchard, Hiltz & McCliment, Inc. (OHM ADVISORS), a registered Michigan Corporation, and the Owner. The Agreement shall supersede all prior negotiations or agreements, whether written or oral, with respect to the subject matter herein. The Agreement may be amended only by mutual agreement between OHM ADVISORS and the Owner and said amendments must be in written form. Incorporated by reference is are the RFP, and OHM's Proposal.

2. SERVICES TO BE PROVIDED – OHM ADVISORS will perform the services as set forth in the attached proposal or scope of services which is hereby made a part of the Agreement.

3. SERVICES TO BE PROVIDED BY OWNER – The Owner shall at no cost to OHM ADVISORS: a) Provide OHM ADVISORS personnel with access to the work site to allow timely performance of the work required under this Agreement.

b) Provide to OHM ADVISORS within a reasonable time frame, any and all data and information in the Owners possession as may be required and specifically requested in writing by OHM ADVISORS to perform the services under this Agreement.

c) Designate a person to act as Owners representative who shall have the authority to transmit instructions, receive information, and define Owner policies and decisions as they relate to services under this Agreement.

4. PERIOD OF SERVICE – The services called for in this Agreement shall be completed within the time frame stipulated in the Proposal or Scope of Services, or if not stipulated shall be completed within a time frame which may reasonably be

required for completion of the work. OHM ADVISORS shall not be liable for any loss or damage due to failure or delay in rendering any service called for under this agreement resulting from any cause beyond OHM ADVISORS reasonable control.

5. COMPENSATION – The Owner shall pay OHM ADVISORS for services performed in accordance with the method of payment as stated in the Proposal or Scope of Services. Method of compensation may be lump sum, hourly; based on a rate schedule, percentage of the construction cost, or cost plus a fixed fee. The Owner shall pay OHM ADVISORS for reimbursable expenses for subconsultant services, equipment rental or other special project related items at a rate of 1.15 times the invoice amount.

6. TERMS OF PAYMENT – Invoices shall be submitted to the Owner not more often than monthly for services performed during the preceding period. Owner shall pay the full amount of the invoice within thirty days of the invoice date Owner's receipt of the invoice, except and to the extent disputed by the Owner in good faith. If payment is not made within thirty days of the due date, the amount due to OHM ADVISORS shall include a charge at the rate of 5% per annum per MCL 438.31 one percent per month from said thirtieth day.

7. LIMIT OF LIABILITY – OHM ADVISORS shall perform professional services under this Agreement in a manner consistent with the degree of care and skill in accordance with applicable professional standards of services of this type of work. To the fullest extent permitted by law, and notwithstanding any other provision of this Agreement, the total liability in the aggregate, of OHM ADVISORS and its Officers, Directors, Partners, employees, agents, and

STANDARD TERMS and CONDITIONS

~~subconsultants, and any of them, to the Owner and anyone claiming by, through or under the Owner, for any and all claims, losses, costs or damages of any nature whatsoever arises out of, resulting from or in any way related to the project or the Agreement from any cause or causes, including but not limited to the negligence, professional errors or omissions, strict liability, breach of contract or warranty, express or implied, of OHM ADVISORS or OHM ADVISORS' Officers, Directors, employees, agents or subconsultants, or any of them shall not exceed the amount of \$25,000 or OHM ADVISORS fee, whichever is greater.~~

8. ASSIGNMENT – Neither party to this Agreement shall transfer, sublet, or assign any duties, rights under or interest in this Agreement without the prior written consent of the other party.

9. NO WAIVER – Failure of either party to enforce, at any time, the provisions of this Agreement shall not constitute a waiver of such provisions or the right of either party at any time to avail themselves of such remedies as either may have for any breach or breaches of such provisions.

10. GOVERNING LAW – The laws of the State of Michigan will govern the validity of this Agreement, its interpretation and performance.

11. DOCUMENTS OF SERVICE – The Owner acknowledge OHM ADVISORS' reports, plans and construction documents as instruments of professional services. Nevertheless, the plans and specifications prepared under this Agreement shall become the property of the Owner upon completion of the work and payment in full of all monies due OHM ADVISORS, however, OHM ADVISORS shall have the unlimited right to use such drawings,

specifications and reports and the intellectual property therein. The Owner shall not reuse or make any modifications to the plans and specifications without prior written authorization by OHM ADVISORS. In accepting and utilizing any drawings or other data on any electronic media provided by OHM ADVISORS, the Owner agrees that they will perform acceptance tests or procedures on the data within 30 days of receipt of the file. Any defects the Owner discovers during this period will be reported to OHM ADVISORS and will be corrected as part of OHM ADVISORS' basic Scope of Services. Without eliminating or reducing the Owner's right to ownership of the instruments of professional services, the Owner shall have an irrevocable, nonexclusive right to use and reproduce the instruments of professional service upon execution of this Agreement.

12. TERMINATION – Either party may at any time terminate this Agreement upon giving the other party 7 calendar days prior written notice. The Owner shall within 45 days of termination, pay OHM ADVISORS for all services properly rendered and all costs actually incurred up to the date of termination in accordance with compensation provisions in this Agreement.

13. OHM ADVISORS' RIGHT TO SUSPEND ITS SERVICES – In the event that the Owner fails to pay OHM ADVISORS the amount due shown on any invoice within 60 days of the date of the invoice, OHM ADVISORS may, after giving 7 days' notice to the Owner, suspend its services until payment in full for all services and expenses due is received.

14. OPINIONS OF PROBABLE COST – OHM ADVISORS preparation of Opinions of Probable Cost represents OHM ADVISORS' best judgment as a design professional familiar with the industry. The Owner must recognize that OHM

STANDARD TERMS and CONDITIONS

ADVISORS has no control over costs or the prices of labor, equipment or materials, or over the contractor's method of pricing. OHM ADVISORS makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual cost. OHM Advisors acknowledges that it is bound by the 'not to exceed' cost for the scope of services provided as stated in our proposal to the Owner.

the parties mutually agree otherwise.

15. JOB SITE SAFETY – Neither the professional activities of OHM ADVISORS, nor the presence of OHM ADVISORS or our employees and subconsultants at a construction site shall relieve the General Contractor or any other entity of their obligations, duties, and responsibilities including, but not limited to, construction means, methods, sequences, techniques or procedures necessary for performing, superintending or coordinating all portions of the work of construction in accordance with the contract documents and the health or safety precautions required by any regulatory agency. OHM ADVISORS has no authority to exercise any control over any construction contractor or any other entity or their employees in connection with their work or any health or safety precautions. The Owner agrees that the General Contractor is solely responsible for jobsite safety and warrants that this intent shall be made clear in the Owners agreement with the General Contractor. The Owner also agrees that OHM ADVISORS shall be indemnified and shall be made additional insureds under the General Contractors general liability insurance policy.

16. DISPUTE RESOLUTION – In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the Owner and OHM ADVISORS agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation, unless

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Engineering Department

(517) 323-8540

TO: Supervisor Kenneth R. Fletcher and the Delta Township Board

FROM: Ernest A. West, P.E., Township Engineer
Rick Kane, Utilities Director

DATE: December 15, 2022

SUBJECT: 2022 Municipal Water Well Plugging
Project Completion

On April 15, 2021 Delta Township received a letter from the Michigan Department of Environment, Great Lakes and Energy (EGLE) responding to the Township's request on February 18, 2021 to permanently abandon and plug our eight (8) remaining raw water supply wells. A map illustrating the well locations is [attached](#).

Since connecting to the Lansing Board of Water and Light (LBWL) water supply in 1995, the Township has been required by EGLE to maintain our raw groundwater wells operational as an emergency water supply, to be used should our primary supply line from LBWL fail. As the wells have aged, their physical condition has deteriorated, along with the water quality of the wells. For these reasons, the effort and cost associated with maintaining the wells in an operational state became problematic and the Township explored creating a second connection to the LBWL system to allow the wells to be permanently eliminated. The wells were no longer required to be maintained as an emergency water supply after the Township implemented a new emergency southern connection to the LBWL in the area of Creyts Road and Lansing Road. This connection was constructed and tested in 2021.

In 2022, Township staff put together bidding documents and technical specifications to complete the plugging of the wells. On March 21, 2022, the Township Board accepted a bid from Northern Pump and Well for the project. Work commenced in the spring and wrapped up in the fall of 2022. At this time, all of the wells have been plugged and the well plugging records submitted to EGLE. [Attached](#) are some photos of the work.

Recently, Staff prepared and submitted the [attached](#) correspondence to our District Office, informing them that the project is now complete, and that this item is now closed. In the coming months and years, Staff will determine what should be done with the well sites, many of which are on small parcels that are no longer needed by the Township. The first site that will be dealt with is adjacent to the Waverly School District's Elmwood Elementary School. This well house will likely be demolished and the site relinquished to the Waverly School District, given it's close proximity to the school building. Staff will continue to update the Township Board on the status of these sites as they are addressed.

The implementation of the new emergency southern connection to transition the Township water system permanently away from our old raw ground water wells is a major accomplishment that addresses the Township Board's Strategic Plan, a portion of which is copied below.

Maintaining and Improving Infrastructure:

Update and continue with implementation of water reliability study (2017)

7710 West Saginaw Highway • Lansing, Michigan 48917-9712

Phone: (517) 323-8540 • Fax: (517) 327-1760

www.deltami.gov • www.facebook.com/deltatownship • www.twitter.com/deltatownship



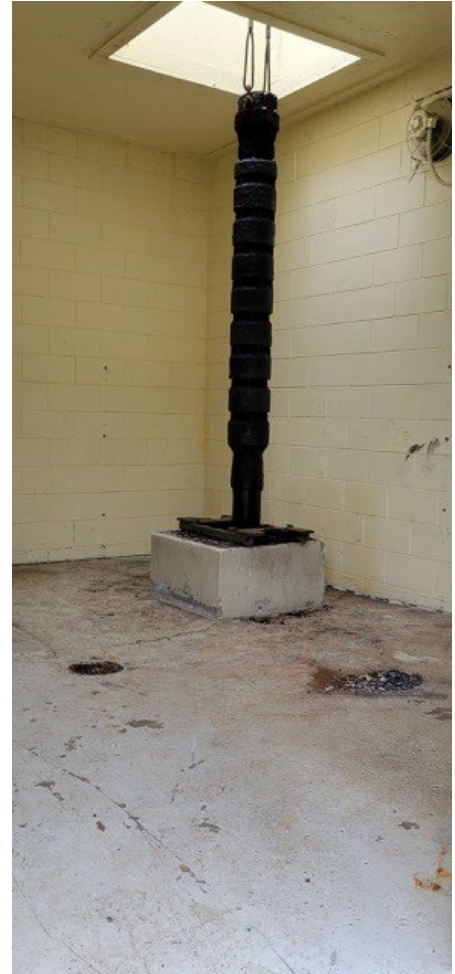
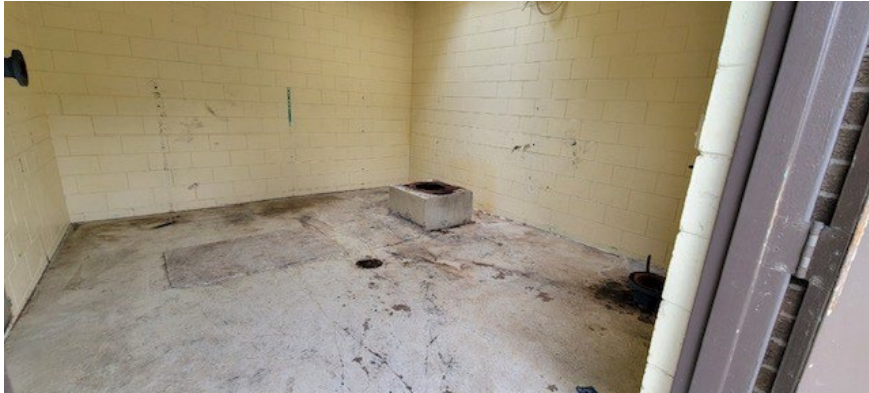
[Back to Agenda](#)

Action Required

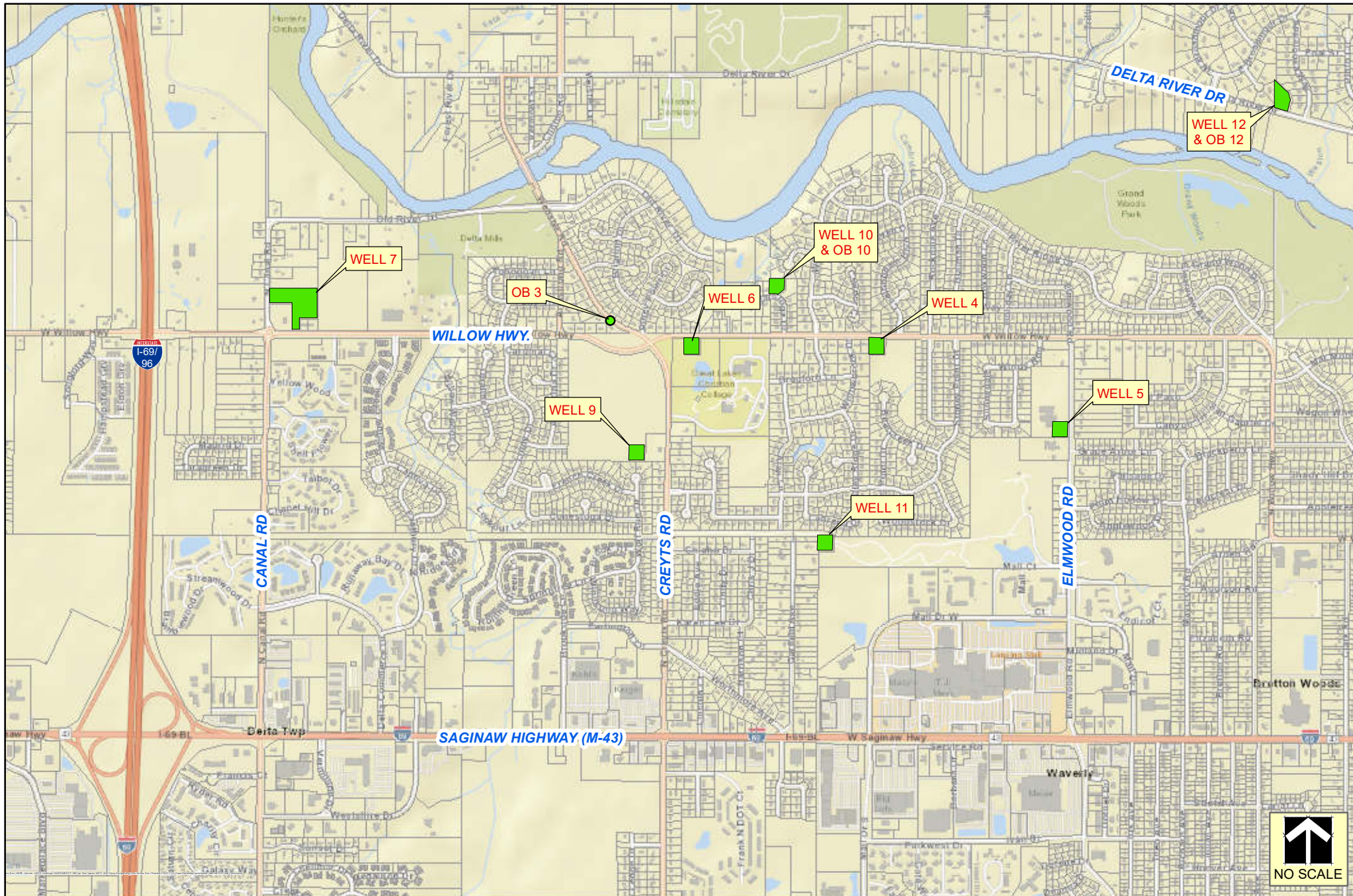
None, information only.

Staff will attend the December 19, 2022 Township Board meeting to address any questions.









DELTA CHARTER TOWNSHIP

7710 W. SAGINAW HIGHWAY
LANSING, MI 48917
517.323.8555

MUNICIPAL WATER WELL LOCATION MAP

Supervisor Kenneth R. Fletcher
Clerk Mary R. Clark
Treasurer Dennis R. Fedewa
Manager Brian T. Reed



Trustee Elizabeth S. Bowen
Trustee Fonda J. Brewer
Trustee Andrea M. Cascarilla
Trustee Karen J. Mojica

Engineering Department

(517) 323-8540

December 12, 2022

Hien Dang, District Engineer
Drinking Water and Environmental Health Division-Lansing District Office
Department of Environment, Great Lakes, and Energy
525 West Allegan Constitution Hall
1S P.O. Box 30242
Lansing, MI 48909-8311

Re: Delta Township Water Supply
Completion of Well Abandonment

Dear Hien,

Delta Township had maintained its raw water wells for emergency use, as mandated by EGLE, since connecting to the Lansing Board of Water and Light (LBWL) in 1995. The raw water wells have not supplied water to the Township's system since 1995. Since then, the well conditions have degraded and the wells were determined to no longer be a feasible emergency water supply for reasons of both physical condition and water quality.

As part of the 2018 Water System Reliability Report development, alternative emergency water supply connections were identified and studied. Existing connections to the City of Lansing and Lansing Township were then supplemented by a new southern emergency use connection to the LBWL system. The new connection was established and tested in 2021.

At the conclusion of the testing process, the Township requested permission to permanently abandon its raw water wells, as they were no longer needed for emergency water supply. Permission was granted by EGLE to the Township to permanently abandon all of its raw water wells via correspondence from District Engineer Mark Joseph on April 15, 2021 (copy attached).

This correspondence serves as Delta Township's (Township) notification to the Michigan Department of Environment, Great Lakes and Energy (EGLE), that the Township has fully completed the abandonment of its former raw water supply wells.

During 2022, the Township contracted with Northern Pump & Well, Inc. of Lansing, Michigan to remove the well pumps and completely fill the wells with neat cement. The well discharge piping was disconnected from the distribution system and the electrical services to the well buildings were also removed. Following is a tabulation of the well abandonments that were completed. Well plugging records have been submitted electronically through the EGLE Wellogic on-line database system and are also attached to this letter.



Well #	Address	Date of Installation	Pump Type	Depth (ft)	Diameter (in)
OB 3	Across from 2008 Webster Rd	Unknown	N/A	Unknown	4
4	5735 W Willow Hwy	1969	Vert. Turbine	370	16
5	1707 Elmwood Rd	1970	Vert. Turbine	423	16
6	6325 W Willow Hwy	1973	Vert. Turbine	363	16
7	2190 N Canal Rd	1974	N/A	268	16
9	1505 N Creyts Rd	1983	Submersible	441	16
10	2210 Marstoga Dr	1988	Vert. Turbine	400	16
OB 10	2210 Marstoga Dr	1988	N/A	Unknown	4
11	1232 Garfield Ave	1989	Vert. Turbine	420	16
12	4444 Delta River Dr	1991	N/A	420	16
OB 12	4444 Delta River Dr	1991	N/A	420	6

Our next update to our Water System Reliability Study, which will be submitted early in 2023, will note the abandonment of the wells and the available emergency water supplies. This correspondence effectively closes out this item. The Township thanks EGLE for their assistance and partnership on this important project.

If you have any questions on the enclosed, please contact us at your convenience.

Regards,



Ernest A. West, P.E.
Township Engineer



Rick Kane
Utilities Department Director

cc: Mr. Brian Reed, Delta Township, Township Manager
Mr. Derek Ambs, PE, Lansing Board of Water and Light
File



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

April 15, 2021

Mr. Ernest West, P.E.
Charter Township of Delta
7710 West Saginaw Highway
Lansing, Michigan 48917-9712

WSSN: 01790
County: Eaton

Dear Mr. West:

SUBJECT: Charter Township of Delta (Township)
Emergency Second Interconnection

This correspondence is in regard to the Township's letter, received on February 18, 2021, to abandoned and plug their raw water wells as its emergency water supply. The Township recently completed a new southern emergency second connection with the Lansing Board of Water and Light (LBWL). The purpose of this emergency connection was to allow the Township to eliminate their raw water wells, before they had to be used in an emergency, to prevent water quality issues that could impact their customers.

Construction was completed and joint testing with the Township and the LBWL was completed on February 9, 2021. The purpose of this testing was to verify if flows and pressures along the Croyts Road water main were consistent as predicted in the hydraulic model.

The Township reports that the new southern emergency connection is functioning as designed and can provide 2,300 gallons per minute from the LBWL while maintaining pressures above 35 pounds per square inch. Based on this information, the Township can proceed with abandoning their raw water wells. Each raw water well will need to be properly plugged with neat cement by a licensed well driller with the State of Michigan. Each well plugging record will need to be electronically submitted through the Department of Environment, Great Lakes, and Energy (EGLE) Wellogic on-line water well record database.

The Township is to be commended for completing this southern emergency connection. The connection provides additional reliability and a source water that their customers have been receiving for many years if an emergency would occur.

If you should have any questions in regard to this correspondence, please contact me at 517-290-0170; via e-mail at JosephM1@Michigan.gov; or by letter at EGLE, Drinking Water and Environmental Health Division, P.O. Box 30242, Lansing, Michigan 48909.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark T. Joseph". The signature is fluid and cursive, with the first name "Mark" and last name "Joseph" clearly distinguishable.

Mark T. Joseph, P. E.
Drinking Water and
Environmental Health Division
Field Operations Section
Lansing District Office
517-290-0170

cc: Mr. Derek Ambs, P.E, LBWL
Mr. Jay Vanstee, Barry-Eaton District Health Department



Abandoned Well Plugging Record

Completion is required under authority of Part 127 Act 368 PA 1978.

Failure to comply is a misdemeanor.



Import ID:

Tax No:	Permit No:	County: Eaton	Township: Delta		
Well ID: 23000012836 Elevation: Latitude: 42.7513 Longitude: -84.64365 Measurement Method: GPS Std Positioning Svc SA Off		Town/Range: 04N 03W	Section: 10	WSSN: 1790	Source ID/Well No: Delta Twp Well 9
		Distance and Direction from Road Intersection: 300 feet West of service road entrance onto Creyts Road			
		Well Owner: Delta Township			
		Well Address: 1505 North Creyts Road Lansing, MI 48917		Owner Address: 7710 W Saginaw Highway Lansing, MI 48917	

Date of Well Plugging: 8/12/2022	Well Use: Type I public	Casing Status after Plugging: 0.00 ft. below grade
Well Construction Type: Bedrock Well	Date Well Constructed: 10/19/1983	Reason for Abandoning Well: Public water connection
Casing Type: Steel - black Diameter: 16.00 in. to 116.00 ft. depth		Abandonment Method: Pumped through grout pipe
Measured Well Depth: 460 ft. Well Diameter: 16 in.		Drilling Record: 23000000117
		Pumping Equipment Removed: Yes
		Equipment Removed: Turbine pump bowls

Note: Cutting casing off 4 feet below grade is recommended.

Plugging Material	From (ft)	To (ft)	Quantity	Quantity Unit
Neat cement	0.00	460.00	675.00	Bags

Plugging Remarks:

Note: Plugging from well bottom up to ground surface is required.

Certification: Water Well Drilling Contractor Registration No: 19-2285 Registered Contractor: Johnie P Wyatt	Business Name: Northern Pump and Well Address: 6837 W Grand River Lansing, MI 48906-9145
Remarks:	Water Well Contractor's Certification This well plugging was performed under my registration.
	Signature of Registered Contractor Date





Abandoned Well Plugging Record

Completion is required under authority of Part 127 Act 368 PA 1978.

Failure to comply is a misdemeanor.



Import ID:

Tax No:	Permit No:	County: Eaton	Township: Delta
Well ID: 23000012872 Elevation: Latitude: 42.755575 Longitude: -84.643953 Measurement Method: Interpolation-Map		Town/Range: 04N 03W	Section: 3
		WSSN: 1790	Source ID/Well No: Delta Twp OB 3
		Distance and Direction from Road Intersection: 240 ft NW of Webster Rd and Willow Hwy	
		Well Owner: Delta Township	
		Well Address: 2008 Webster Road Lansing, MI 48917	Owner Address: 7710 W Saginaw Hwy Lansing, MI 48917

Date of Well Plugging: 9/12/2022	Well Use: Test well	Casing Status after Plugging: 0.00 ft. below grade
Well Construction Type: Bedrock Well	Date Well Constructed:	Reason for Abandoning Well: Well no longer needed
Casing Type: Steel - black Diameter: 4.00 in. to		Abandonment Method: Pumped through grout pipe
Measured Well Depth: 52 ft. Well Diameter: 4 in.		Drilling Record:
		Pumping Equipment Removed: No
		Equipment Removed:

Note: Cutting casing off 4 feet below grade is recommended.

Plugging Material	From (ft)	To (ft)	Quantity	Quantity Unit
Neat cement	0.00	52.00	5.00	Bags

Plugging Remarks:

Note: Plugging from well bottom up to ground surface is required.

Certification: Water Well Drilling Contractor Registration No: 19-2285 Registered Contractor: Johnie P Wyatt	Business Name: Northern Pump and Well Address: 6837 W Grand River Lansing, MI 48906-9145
Remarks:	Water Well Contractor's Certification This well plugging was performed under my registration. Signature of Registered Contractor Date

Abandoned Well Plugging Record

Completion is required under authority of Part 127 Act 368 PA 1978.

Failure to comply is a misdemeanor.



Import ID:

Tax No:		Permit No:		County: Eaton		Township: Delta	
Well ID: 23000012873 Elevation: Latitude: 42.756878 Longitude: -84.659658 Measurement Method: Interpolation-Map				Town/Range: 04N 03W	Section: 3	WSSN: 1790	Source ID/Well No: Delta Twp Well 7
				Distance and Direction from Road Intersection: 700 ft NE of N Canal and W Willow			
				Well Owner: Delta Township			
				Well Address: 2190 N Canal Road Lansing, MI 48917		Owner Address: 7710 W Saginaw Hwy Lansing, MI 48917	

Date of Well Plugging: 9/16/2022	Well Use: Type I public	Casing Status after Plugging: 0.00 ft. below grade
Well Construction Type: Bedrock Well	Date Well Constructed: 12/2/1974	Reason for Abandoning Well: Public water connection
Casing Type: Steel - black		Abandonment Method: Pumped through grout pipe
Diameter: 16.00 in. to 100.00 ft. depth		Drilling Record: 23000000109
Measured Well Depth: 260 ft.		Pumping Equipment Removed: No
Well Diameter: 16 in.		Equipment Removed:

Note: Cutting casing off 4 feet below grade is recommended.

[illegible]**Plugging Remarks:**

Note: Plugging from well bottom up to ground surface is required.

Certification: Water Well Drilling Contractor	Business Name: Northern Pump and Well
Registration No: 19-2285	Address: 6837 W Grand River
Registered Contractor: Johnie P Wyatt	Lansing, MI 48906-9145
Remarks:	Water Well Contractor's Certification This well plugging was performed under my registration. Signature of Registered Contractor Date

