



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
TOWNSHIP BOARD – REGULAR MEETING
July 8, 2025 6:00 PM

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
3. ROLL CALL
4. PRESENTATION
 - A. Introduction of New Police Officers-Brandon Nevills & Tom Coddington
 - B. 2024 Township Audit-Ali Barnes, Yeo & Yeo
5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS
6. TOWNSHIP MANAGER REPORT
7. BOARD MEMBER REPORTS OF ACTIVITIES AND ANNOUNCEMENTS
8. APPROVAL OF AGENDA
9. CONSENT AGENDA
 - A. Communications
 - B. Minutes-June 17, 2025 Regular Township Board Meeting
 - C. Bills
 - D. Sanctuary II Pathway License Agreement with Consumers Energy
 - E. MUPUD 22-14-Haslett Village Square-Extension
 - F. Gate Valve Replacement 2025 Contract
 - G. Permit to Cross Drain - Schultz Pathway Project
 - H. 2025 JustFOIA Contract Addendum
 - I. Ingham County Mutual Police Assistance Agreement
 - J. Brownfield Redevelopment Authority Appointment
10. HEARINGS
 - A. Amendment to the Haslett Village Square Brownfield Plan
11. ACTION ITEMS
 - A. Ordinance 2025-04-Parking Ordinance Updates - Final Adoption
12. BOARD DISCUSSION ITEMS
 - A. Amendment to the Haslett Village Square Brownfield Plan
13. COMMENTS FROM THE PUBLIC
14. OTHER MATTERS AND BOARD MEMBER COMMENTS
15. ADJOURNMENT

All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained from the Supervisor. Appointment of Supervisor Pro Tem and/ or Temporary Clerk if necessary. Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Board by contacting: Township Manager Tim Dempsey, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4258 - Ten Day Notice is Required.

Meeting Location: 5151 Marsh Road, Okemos, MI 48864 Township Hall

Providing a safe and welcoming, sustainable, prime community.

A PRIME COMMUNITY
meridian.mi.us

Charter Township of Meridian Audit Results

PRESENTED BY
Ali N. Barnes
CPA, CGFM

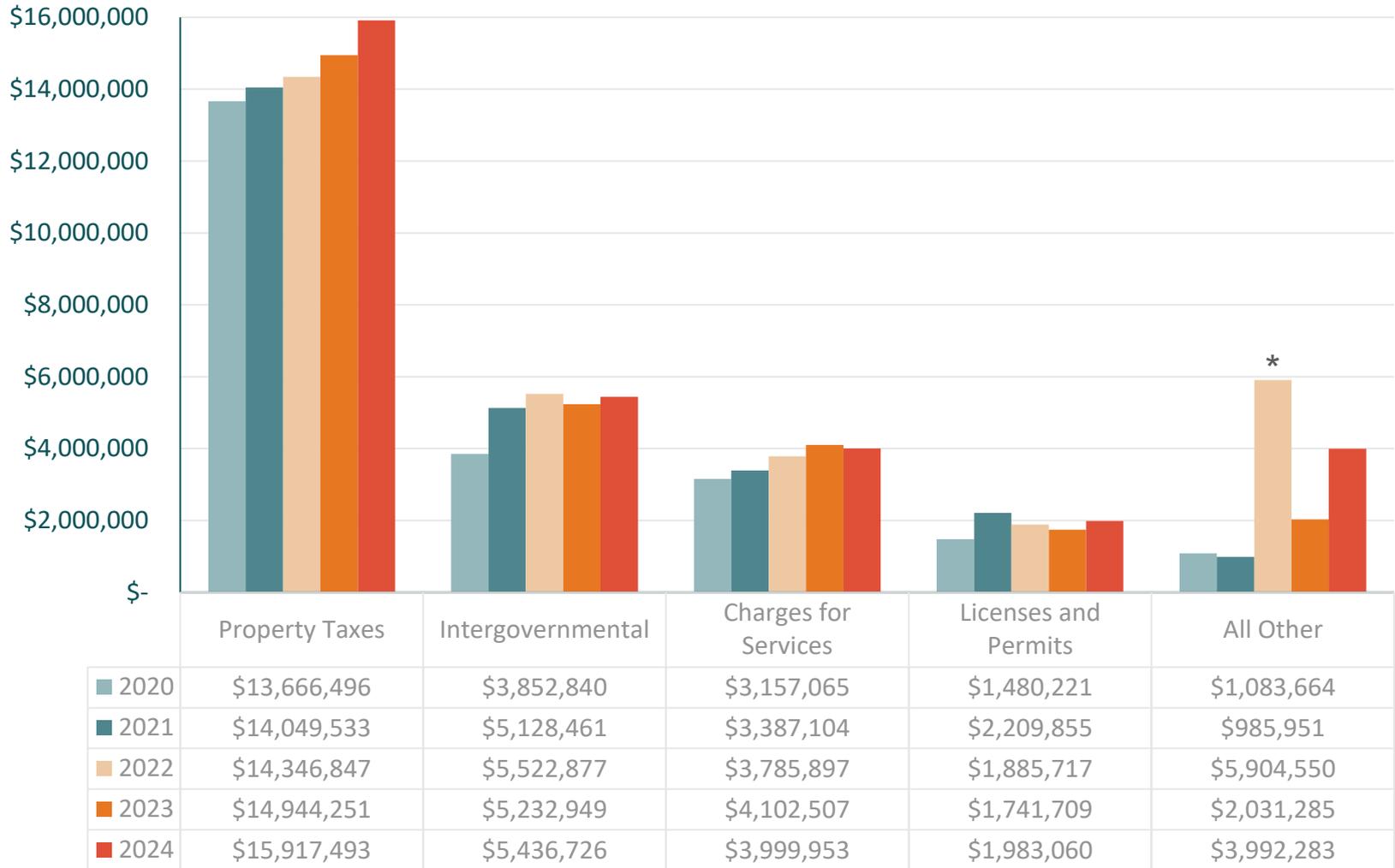
Fiscal Year Ended
December 31, 2024



Audit Opinion

- The purpose of an audit
- Unmodified opinion
 - Highest level of assurance
- Management's responsibility
 - Preparation and fair presentation in accordance with GAAP
 - Design, implementation and maintenance of internal controls
- Auditors' responsibility
 - Express opinions on the financial statements based on our audit

General Fund Revenues



* Includes bond issuance sources of \$5,295,434 related to drain assessments.

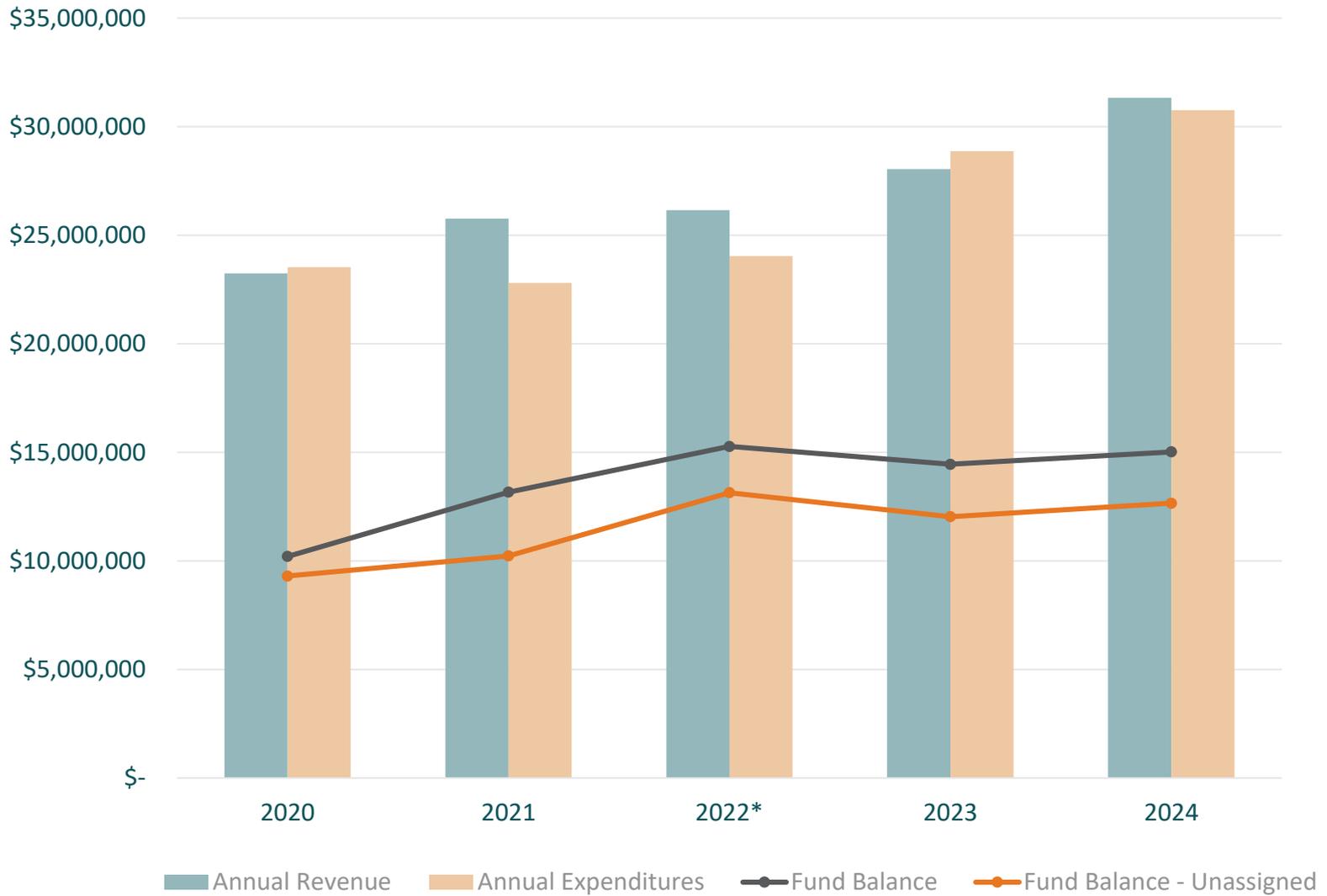
General Fund Expenditures



* Includes capital outlay expenditures of \$5,295,434 related to drain assessments.

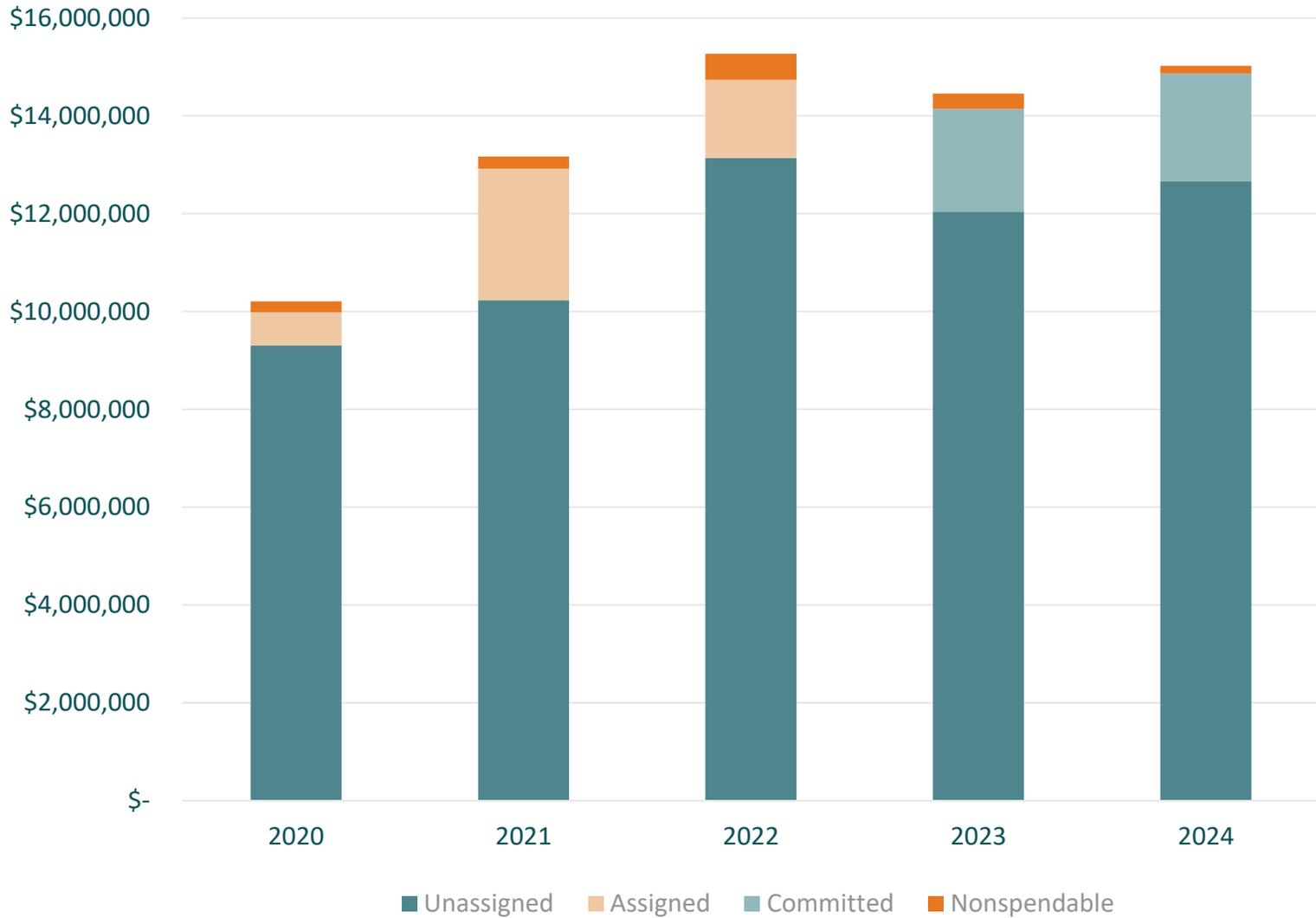
** Includes transfer out of \$3,500,000 to establish a capital projects fund.

General Fund – Fund Balance

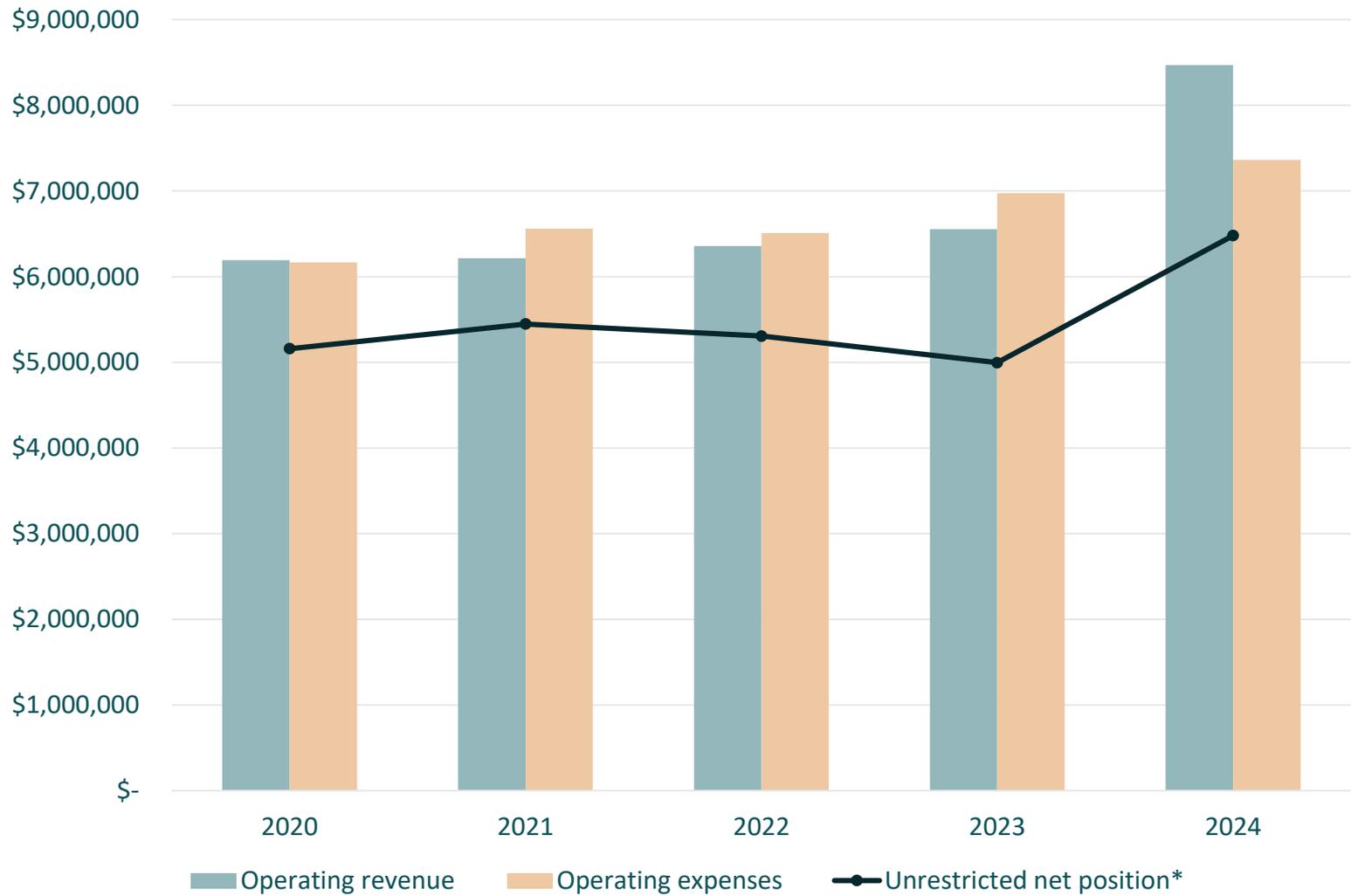


* Revenue and expenditures exclude \$5,295,434 related to drain assessments.

General Fund – Components of Fund Balance

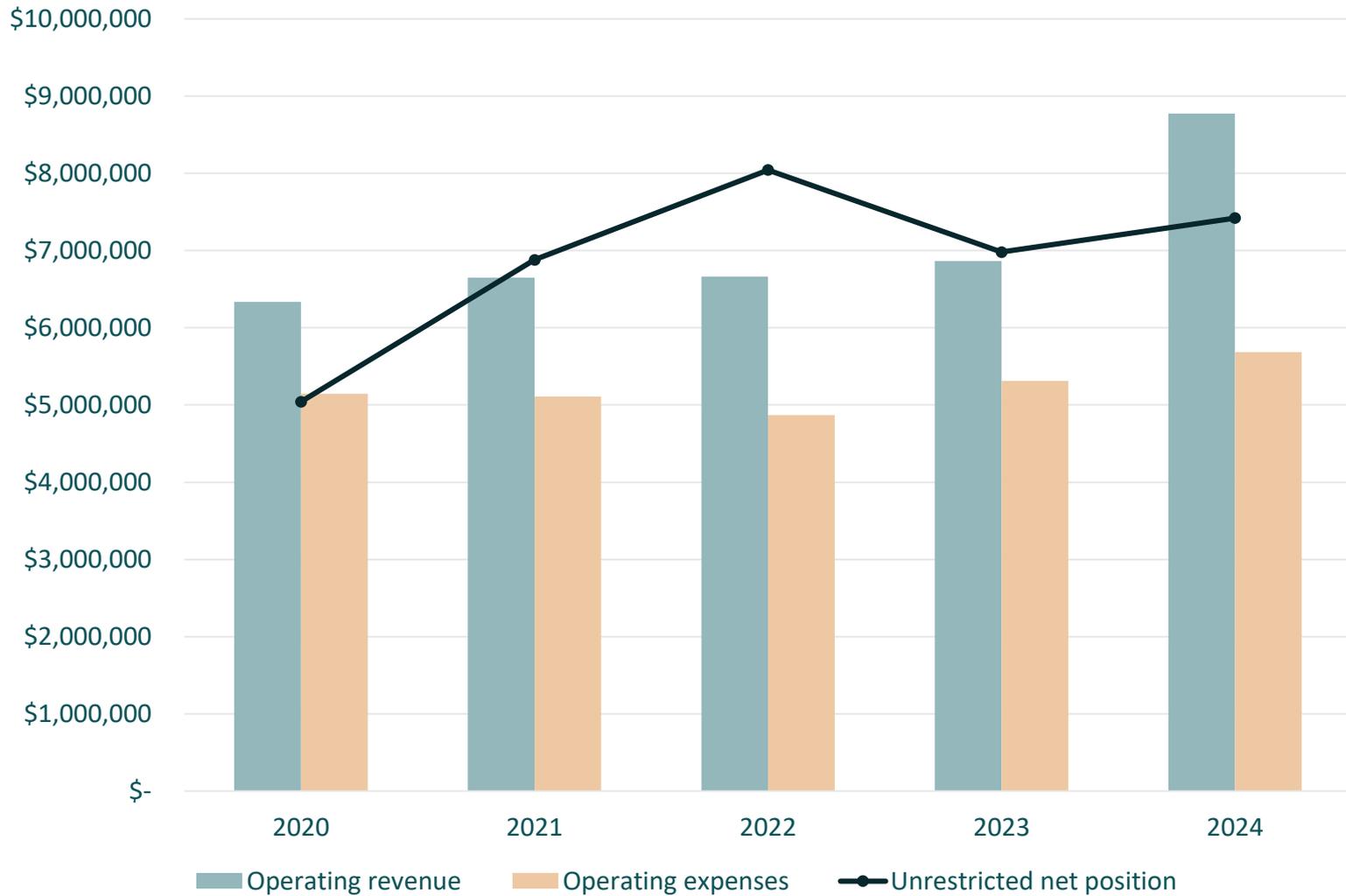


Water Fund Activity

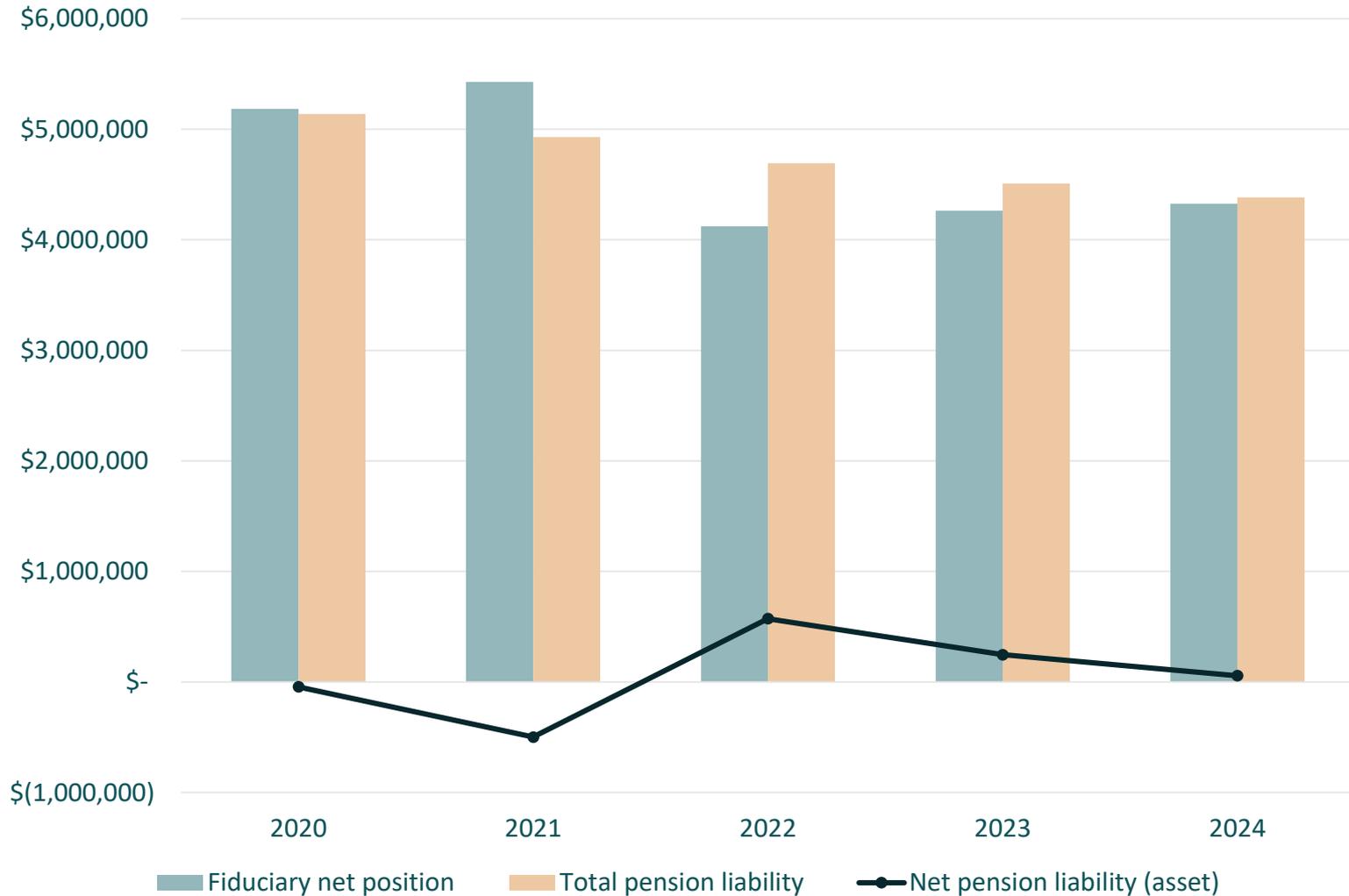


* Net of investment in East Lansing-Meridian Water and Sewer Authority.

Sewer Fund Activity

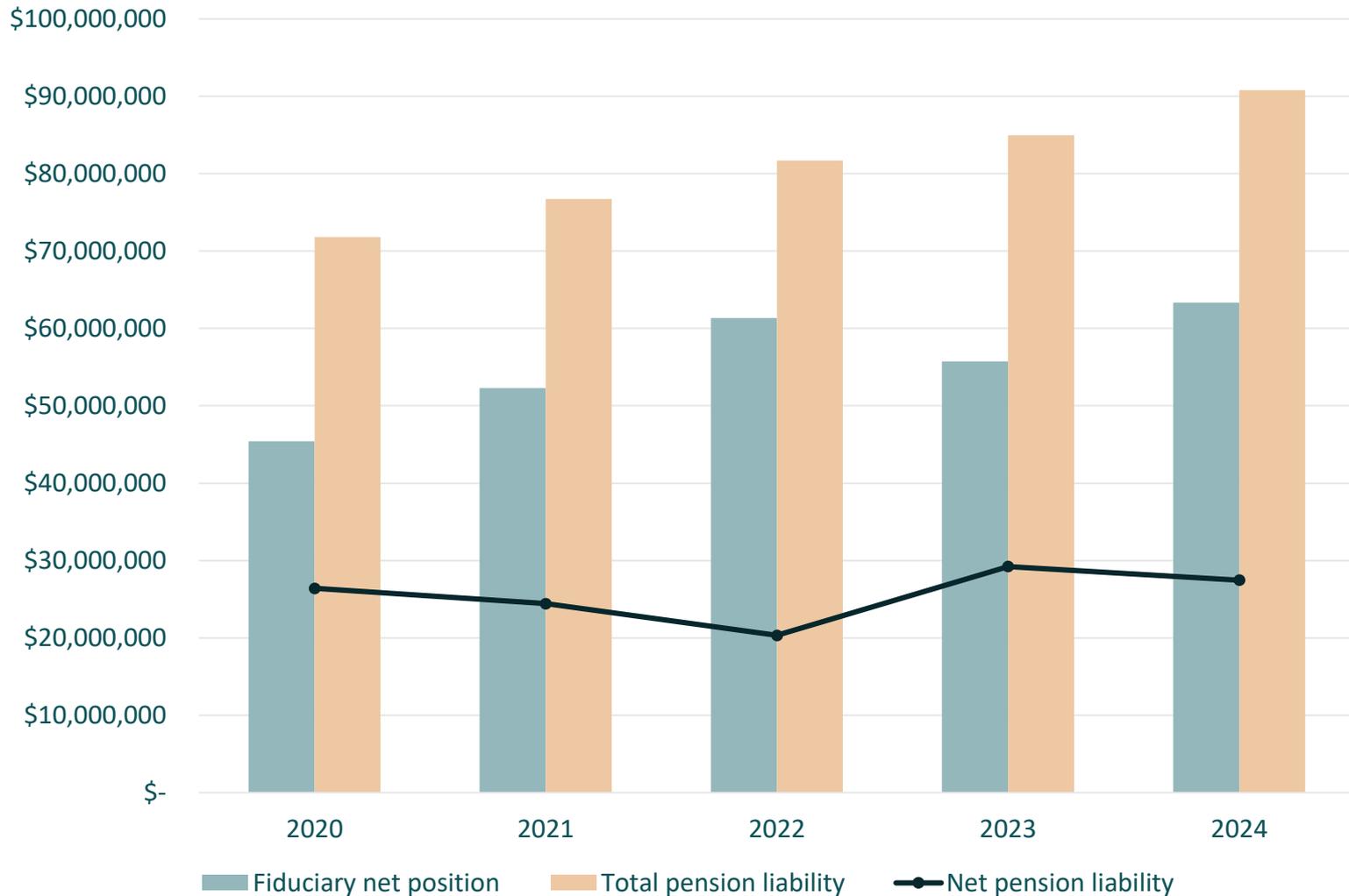


Employee's Retirement Pension Plan



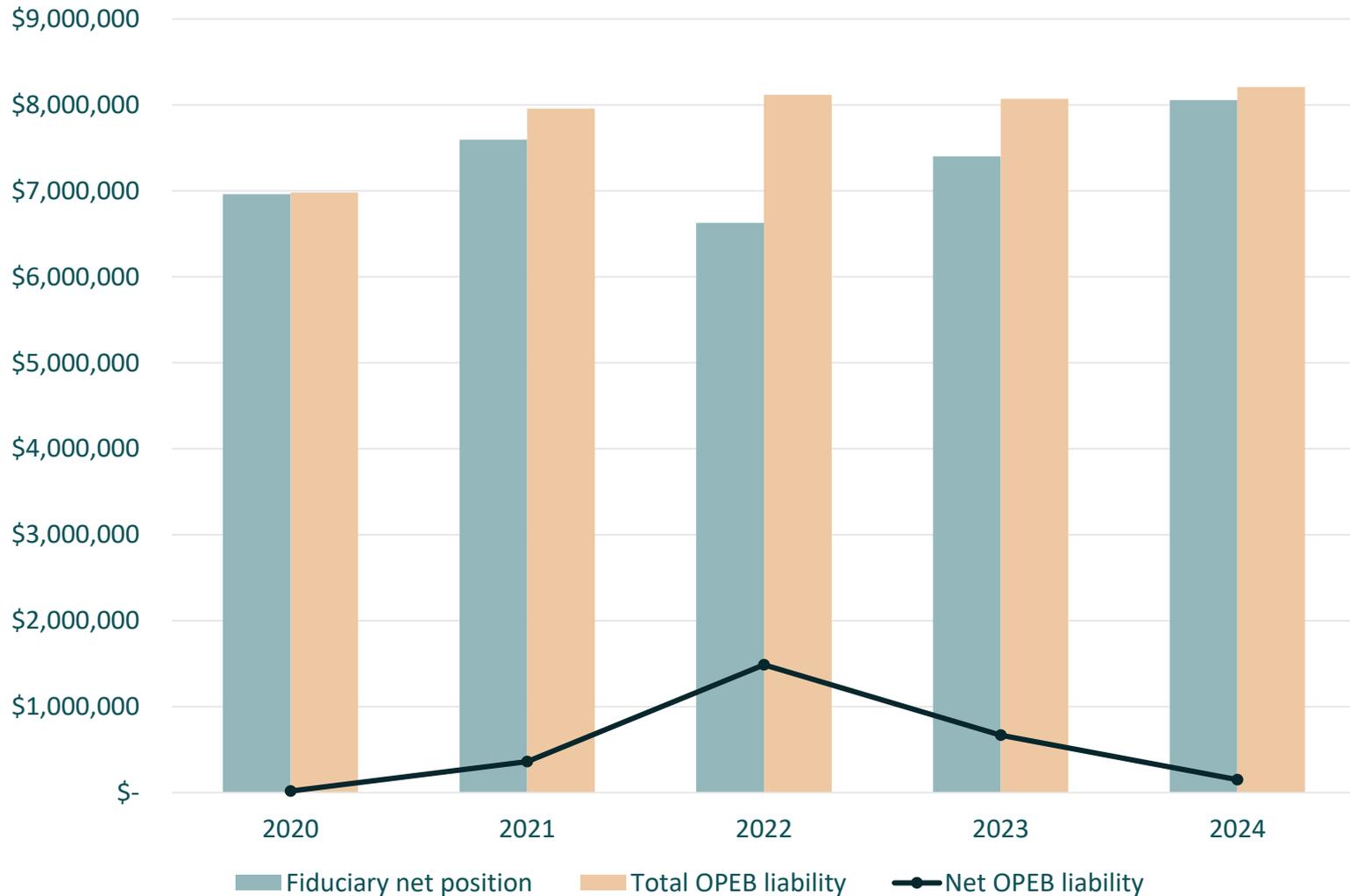
Note: This plan is closed.

Municipal Employees' Retirement System of Michigan



Note: Measurement date has a one-year lag.

Postemployment Health Benefits Plan



Internal Controls and Compliance

- Material Weaknesses
 - Budget non-compliance
 - Related to new lease agreement
 - Audit and Prior Period Adjustments
 - Capital assets – road
 - Capital assets – water/sewer capital contributions
 - Utility billing
- No Significant Deficiencies
- No ARPA Examination Findings
- No Management Comments

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800.968.0010

EMAIL

ali.barnes@yeoandyeo.com



9.A

**CONSENT AGENDA
BOARD
COMMUNICATIONS**



FOR IMMEDIATE RELEASE
June 17, 2025

CONTACT: Amber Clark, Neighborhoods &
Economic Development Director
517.853.4568 | clark@meridian.mi.us

Meridian Township to Host 5th Annual Juneteenth Event
Seben Dance, Global Village, and Tony Thompson & Friends Lead Celebration

MERIDIAN TOWNSHIP, Mich. – Meridian Township continues its tradition of honoring Juneteenth. On Friday, June 20, the Township will host its 5th annual Juneteenth Celebration from 3:00 pm to 7:00 pm at the Marketplace on the Green Pavilion (1995 Central Park Drive, Okemos).

This event is free and open to the public. Community members can enjoy a day of live music, dancing, yard games, small business vendors, and more. Free parking will be available in the Meridian Mall parking lot.

Musical Lineup:

- 4:00 pm to 5:00 pm | Seben Dance
- 5:00 pm to 6:00 pm | Global Village
- 6:00 pm to 7:00 pm | Tony Thompson & Friends

For questions, please contact Neighborhoods and Economic Development Director Amber Clark at clark@meridian.mi.us or 517.853.4568.

Township offices will also be closed on Thursday, June 19 in recognition of the Juneteenth Federal and State holiday. For additional information, visit the Township website at www.meridian.mi.us/Juneteenth.

The Juneteenth Celebration is made possible through the support of Meridian Township's 2025 event sponsors. Sponsors include: Capital Area Transportation Authority (CATA), American House Meridian, AC&E Rentals, Doc's Automotive, Fahey Schultz Burzych Rhodes PLC, The Meridian Company, Playmakers, CBL Properties, Club Pilates, Culver's of Okemos and DeWitt, Fast Eddie's Car Wash & Oil Change, Graff Chevrolet Okemos, Hammond Farms, Meijer, Eyde Development, The Harkness Law Firm, PLLC, Independent Bank, Midwest Power Equipment, MSUFCU, Retractable Solutions, and School of Rock East Lansing.

Juneteenth is also made possible through a media partnership with WLNS, WLAJ, and CW-5.

###

The community of Meridian Township is in close proximity to the Michigan State Capitol and Michigan State University. The Township serves the community through exceptional services, beneficial amenities and an outstanding quality of life. It is a welcoming community that celebrates quality education, recreation and lifestyles.





FOR IMMEDIATE RELEASE
June 23, 2025

CONTACT: Courtney Wisinski, Parks and Recreation Director
517.853.4604 | wisinski@meridian.mi.us

Meridian Township to Host Celebrate Meridian Festival
Annual Event Offers LIVE Music, Children's Activities, Drone Show & More!

Meridian Township, MI – Make the most of summer with the Celebrate Meridian Festival, taking place Thursday, June 26 through Saturday, June 28.

Central Park Drive will be closed between Okemos Road and Marsh Road on Saturday, June 28, beginning at 11:00 am and lasting until approximately 11:00 pm. Trails in Central Park, Central Park South, and Nancy Moore Park will be closed for the drone show staging area. Free parking, including handicap parking, will be available at the Meridian Mall.

Festival events will be free and open to the public, but some activities have a fee. Events and activities include:

- **Thursday, June 26 – Children's Concert**
 - 5:00 pm – 7:00 pm | Marketplace on the Green (1995 Central Park Drive, Okemos)
 - Enjoy live entertainment from BubblesRFun (5:00 pm – 6:00 pm) and Zippity2Dads (6:00 pm – 7:00pm)
- **Friday, June 27 – Teen Night**
 - 6:00 pm – 9:00 pm | Marketplace on the Green
 - Live music from School of Rock East Lansing, laser tag, crafts with Capital Area District Libraries, video game trailer, gaga ball, and food trucks
- **Saturday, June 28 – Block Party**
 - **Farmers' Market**
 - 8:00 am – 2:00 pm | Meridian Mall parking lot next to the Marketplace on the Green
 - **Live Entertainment at Marketplace on the Green**
 - 4:00 pm – 6:30 pm | GEECH
 - 7:00 pm – 10:15 pm | Starfarm
 - **Beer Garden**
 - 4:00 pm – 11:00 pm | Marketplace on the Green and Central Park Pavilion (5151 Marsh Road, Okemos). Cash or card accepted
 - *Central Park beer garden closes at 9:30 pm
 - **Food Trucks/Vendors**
 - 4:00 pm – 11:00 pm | Central Park Drive between Marketplace on the Green and Central Park
 - **Children's Activities**
 - 4:00 pm – 9:30 pm | Central Park (5151 Marsh Road, Okemos)
 - Inflatables, rides, games, and an appearance by the League of Enchantment
 - *Unlimited play with \$5 wristband. Cash or card accepted

-more-

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FOR IMMEDIATE RELEASE
June 23, 2025

CONTACT: Courtney Wisinski, Parks and Recreation Director
517.853.4604 | wisinski@meridian.mi.us

- **Saturday, June 28 – Block Party (Continued)**
 - **Nokomis Cultural Heritage Center**
 - 10:00 am – 6:00 pm | Nokomis Cultural Heritage Center (5153 Marsh Road, Okemos)
 - Building tours, jewelry vendors, demonstrations, and more
 - **Meridian Historical Village**
 - 4:00 pm – 7:00 pm | Meridian Historical Village (5151 Marsh Road, Okemos)
 - Building tours and ice cream social
 - Whoa, Nelly! performing from 5:00 pm to 6:30 pm
 - **Cultural Stage**
 - 5:00 pm – 8:00 pm | Meridian Township Municipal Complex Parking Lot (5151 Marsh Road, Okemos)
 - Featuring a variety of performances from cultural groups
 - **Art and Business Vendors**
 - 4:00 pm – 9:00 pm | Meridian Township Municipal Complex Parking Lot
 - **Information Booth**
 - 2:30 pm – 9:30 pm | Central Park Drive between the Municipal Complex and the Marketplace on the Green Pavilion
 - **Drone Show Finale**
 - 10:15 pm | Marketplace on the Green

For more information, visit www.meridian.mi.us/CelebrateMeridian.

The Celebrate Meridian Festival is made possible through the support of Meridian Township's 2025 event sponsors. Sponsors include: Capital Area Transportation Authority (CATA), American House Meridian, AC&E Rentals, Doc's Automotive, Fahey Schultz Burzych Rhodes PLC, The Meridian Company, Playmakers, CBL Properties, Club Pilates, Culver's of Okemos and DeWitt, Fast Eddie's Car Wash & Oil Change, Graff Chevrolet Okemos, Hammond Farms, Meijer, Eyde Development, The Harkness Law Firm, PLLC, Independent Bank, Midwest Power Equipment, MSUFUCU, Retractable Solutions, and School of Rock East Lansing.

Celebrate Meridian is also made possible through a media partnership with WLNS, WLAJ, and CW-5.

###

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From: [Angela Demas](#)
To: [Michelle Prinz](#)
Cc: [Tim Dempsey](#)
Subject: Fw: senior center
Date: Thursday, July 3, 2025 11:59:07 AM

From: Dan Opsommer <opsommer@meridian.mi.us>
Sent: Monday, June 23, 2025 1:03 PM
To: [REDACTED]
Cc: Tim Dempsey <dempsey@meridian.mi.us>; Courtney Wisinski <wisinski@meridian.mi.us>; Board <Board@meridian.mi.us>
Subject: RE: senior center

Hi Susan,

Thank you for your email. As it relates to your suggestion to construct pathways along Van Atta Rd and Meridian Rd, the Township has never had future pathway shown on the Pathway Master Plan in these areas due to public input re: the importance of protecting the trees along these roadways. Constructing pathway along these roads would also require easements from most of the property owners due to the road right-of-way (ROW) being exhausted from the road and the ditches that serve the road in terms of drainage.

As a result, the Township has developed a plan for off-road trails in the eastern third utilizing Township land preserves, Consumers Energy ROW, and other easements to create contiguous trail routes. These off-road, paved pathways are shown on the current Pathway Master Plan. There is a Consumers Energy ROW that runs north/south in-between Van Atta Rd and Cornell Rd. The Township is planning to use portions of this ROW to construct an off-road, paved trail from Haslett Road to Legg Park, with trail connections to Van Atta Rd, Cornell Rd, Powell Rd, Tihart Rd, etc. The Township has secured a grant from Ingham County to construct the first phase of this trail from Haslett Rd to Tihart Rd. This grant funding is contingent upon the County Trails & Parks Millage being renewed by voters in 2026.

As it relates to the pathway gap on the north side of Grand River Ave, the Township anticipates that development will be proposed in the near future that would fill in most of this gap. The Township will then fill in any remaining gap just east of the developments.

Meridian Township's Parks and Recreation Department continues to work with our schools districts to share facility space when it can be accommodated, including the senior center and recreation and club sponsored youth sports. However, the existing indoor and outdoor recreation facilities cannot accommodate all of the competing community needs and scheduling conflicts.

Please let us know if you have any questions.

Thanks,



Dan Opsommer

Deputy Township Manager

Director of Public Works & Engineering

opsommer@meridian.mi.us

A Prime Community Work: 517.853.4440 | Fax: 517.853.4099
5151 Marsh Road | Okemos, MI 48864

From: Susan McGillicuddy <susanmcgillicuddy@gmail.com>

Sent: Friday, June 20, 2025 8:19 PM

To: Board <Board@meridian.mi.us>

Subject: senior center

Some people who received this message don't often get email from

[REDACTED]. [Learn why this is important](#)

Dear Township Board Members:

I cannot make it to your listening sessions, please accept this communication.

As a senior I oppose the senior center project. This year I paid nearly \$8,000 in winter taxes alone, which is ridiculous. The taxes are getting very burdensome when we who are retired have no weekly income from working. Would rather you spend our tax dollars wisely by creating a separated pedestrian/bicycle pathway along Van Atta and Meridian Roads and fill in the gap on Grand River north side, so that we, your residents, can bicycle safely to the off road trail system without fear of being hit by the speeding cars. It is nearly impossible in the eastern third part of the township to safely bicycle to our wonderful off road trail system. The traffic caused from the bridge being replaced on Grand River has made it nearly impossible to ride or walk along Meridian Road or Van Atta Roads to even get near a trail system. Speeds are routinely topping 60 mph. The 2 foot paved shoulder is not enough distance from the vehicles traveling such high speeds especially vehicles with extended mirrors. So many trucks are now using Meridian Road that the safety which should be your first concern is compromised.

What happened to reciprocity with the school systems regarding community education and facility use? Seniors previously had access to the gyms, weight rooms, pool, facilities of the schools when the students were not using them. That made a lot of sense rather than building or renovation yet another building. Everyone not just seniors need exercise. It doesn't need to cost more funds, however; giving residents the ability to be outside and enjoy bicycling, walking in our parks etc..is priceless.

Sincerely,

Susan McGillicuddy

[REDACTED]

[REDACTED]

I

From: [Angela Demas](#)
To: [Michelle Prinz](#)
Cc: [Tim Dempsey](#)
Subject: Fw: Meridian/Van Atta Roads
Date: Thursday, July 3, 2025 11:58:01 AM

From: Susan McGillicuddy [REDACTED] >
Sent: Saturday, June 21, 2025 10:02 AM
To: roads@ingham.org <roads@ingham.org>; Board <Board@meridian.mi.us>
Subject: Meridian/Van Atta Roads

Some people who received this message don't often get email from [REDACTED] [Learn why this is important](#)

Ingham County Road Department

Dear ICRD:

I am writing to you to express concerns that I have mostly regarding motorists speeds as that is what you control along with the state police.

What criteria do you use to decide on the speed of various roads? Having lived in my home now 34 years and seen the parameters of Meridian Road change regarding whether or not it is an urban road etc...I have never seen the speed changed. I have seen shoulders paved with the promise that it would be safer for bicyclists and walkers etc...but never have seen the speed reduced.

What is the difference between Meridian Road, Van Atta road and Dobie Road? All have neighborhoods emptying into them..all have park land on them all have multiple driveways on them the difference is Dobie Road has sidewalks and a lower speed limit of 35. Both Meridian and Van Atta have varying speeds which make it more difficult for the police to monitor. Meridian and Van Atta have motorists speeding on them well above the posted 55 which is a ridiculous speed as it is no longer an agricultural road with little traffic. Meridian and Van Atta have bicyclists some are children and walkers on them..People cannot access the township parkland easily for their children to get to soccer practice and ball practice safely. Yes the township has the responsibility to provide safe walking, bicycling etc..but you to have a responsibility and that is safety of the roadways and keeping the shoulders mowed and free of obstruction.

Haslett Road between Meridian and Green also should be reduced. Cars/trucks do not slow down for the bend yet there are now more neighborhoods emptying into Haslett Road and more bicyclists and walkers. Yet the speed varies from 55, 45, 35 within a short mile of roadway. Please reduce it to 40 from Meridian Road to Green so that it is more natural and easy for people to reduce speeds down to 35. Back in 1996 we had a forum discussing Haslett road going from 4 lanes down to 3. That has been a blessing. Please continue being thoughtful and reduce the speeds. Times have changed and so should your criteria if you have any. The more traffic a road has should reduce the speeds not expand the roads and increase the speeds. If we ever want to encourage alternative means of travel the speeds have to go down and pathways added.

I hope you consider this thoughtfully and not just dismiss my comments.

Sincerely,

Susan McGillicuddy

[REDACTED]

[REDACTED]

From: [Angela Demas](#)
To: [Michelle Prinz](#)
Cc: [Tim Dempsey](#)
Subject: Fw: Photos & videos relt'd to my pathway maintenance recommendation
Date: Thursday, July 3, 2025 12:01:11 PM

From: Tim Potter [REDACTED]
Sent: Thursday, June 26, 2025 12:16 PM
To: Dan Opsommer <opsommer@meridian.mi.us>
Cc: Board <Board@meridian.mi.us>; Parks <Parks@meridian.mi.us>; PW <dpw@meridian.mi.us>
Subject: Re: Photos & videos relt'd to my pathway maintenance recommendation

Some people who received this message don't often get email from [REDACTED] [Learn why this is important](#)

Dan,

OK, thank you for letting me know that's happening.

Have a great rest of your week.

Tim

[MSU Bike Advisory Comm.](#) member
[TCBA Advocacy Comm.](#) member
[Ride of Silence](#) webmaster
[LCI #5207](#)

Ride of Silence: www.rideofsilence.org

2026 Ride of Silence: Wed. May 20th, 7:00 PM
One day. One time. One world, world wide.
Let the silence roar!

On Thu, Jun 26, 2025 at 8:07 AM Dan Opsommer <opsommer@meridian.mi.us> wrote:

Hi Tim,

Township staff are reviewing your photos and videos to determine which ones should be referred to code enforcement versus which ones are the Township's responsibility. The Township's crew will work trimming as time permits.

Please let us know if you have any questions.

We hope you have a wonderful day,



Dan Opsommer

Deputy Township Manager

Director of Public Works & Engineering

opsommer@meridian.mi.us

Work: 517.853.4440 | Fax: 517.853.4099

5151 Marsh Road | Okemos, MI 48864

From: Tim Potter [REDACTED]

Sent: Wednesday, June 25, 2025 11:18 PM

To: [REDACTED] Dan Opsommer <opsommer@meridian.mi.us>

Cc: Board <Board@meridian.mi.us>; Parks <Parks@meridian.mi.us>; PW <dpw@meridian.mi.us>

Subject: Re: Photos & videos relt'd to my pathway maintenance recommendation

I would appreciate the courtesy of a reply to my email on Monday.

Thank you in advance.

Sent from Tim Potter's mobile

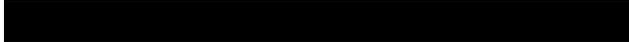
On Jun 23, 2025, at 12:11 PM, Tim Potter [REDACTED] wrote:

Dear Dan & members of the Township Board,

I appreciated the opportunity during the Listening Session on June 10th to ask questions and make a recommendation to move up the annual pathway maintenance earlier in the season when most residents are out using the paths OR to consider adding a 2nd system-wide pruning to the schedule.

The attendees were encouraged to submit complaints re: pathway problems like overgrown brush to dpw@meridian.mi.us, so while biking around the township since that meeting I've managed to collect a bunch of photos and videos of Mer. Twp. Pathways that already need maintenance and this is mid-June.

The photos and videos:



areas will be after a couple more months.

Better maintenance of our township pathways, which we've invested so much in to construct, is something residents expect & it's safer for users which can help the Township avoid potential legal expenses from injury lawsuits.

I've added captions to the photos and videos to describe the locations.

Thank you for your consideration.
Tim Potter

[MSU Bike Advisory Comm.](#) member
[TCBA Advocacy Comm.](#) member
[Ride of Silence](#) webmaster
[LCI #5207](#)

Ride of Silence: www.rideofsilence.org

2026 Ride of Silence: Wed. May 20th, 7:00 PM
One day. One time. One world, world wide.
Let the silence roar!



9.B

**CONSENT AGENDA
PROPOSED BOARD MINUTES**

PROPOSED MOTION:

- (1) Move to approve and ratify the minutes of the Regular Meeting of June 17, 2025 as submitted. (1)**

ALTERNATE MOTION:

- (1) Move to approve and ratify the minutes of the Regular Meeting of June 17, 2025 with the following amendment(s):[insert amendments]**

CHARTER TOWNSHIP OF MERIDIAN
REGULAR MEETING TOWNSHIP BOARD -DRAFT-
5151 Marsh Road, Okemos MI 48864-1198
517.853.4000, Township Hall Room
TUESDAY, JUNE 17, 2025, 6:00PM

PRESENT: Supervisor Hendrickson, Clerk Demas, Treasurer Deschaine, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson

ABSENT: None

STAFF: Deputy Manager Opsommer, Fire Chief Hamel, Communications Manager Diehl, Deputy Clerk Gordon, Human Services Specialist Love, Human Resources Director Tithof

1. CALL MEETING TO ORDER

Supervisor Hendrickson called the June 17, 2025, Regular Township Board meeting to order at 6:00 pm.

2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS

Supervisor Hendrickson led the Pledge of Allegiance.

3. ROLL CALL

Deputy Clerk Gordon called the roll of the Board. Supervisor Hendrickson, Treasurer Deschaine, Clerk Demas, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson present at 6:01 pm.

All board members present

4. Presentation

A. Introduction of new firefighters – Owen VanDerBos and Zoe Hedrick

Chief Hamel introduced the new firefighter paramedics.

5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

Supervisor Hendrickson opened public comment at 6:05 pm.

Beth Hubbell spoke about the listening session and senior center.

Supervisor Hendrickson closed public comment at 6:13 pm.

6. TOWNSHIP MANAGER REPORT

Human Services Specialist Love gave an update for Meridian Cares regarding the Dobie Road apartment fire.

Fire Chief Hamel gave updates to the Board about the Dobie Road apartment fire.

Deputy Manager Opsommer gave updates on:

- Acknowledged and thanked neighboring jurisdictions for their mutual aid for the Dobie Road fire.
- Noted how residents can donate to help families impacted by the fire.
- Township offices will be closed on Thursday, June 19.
- Juneteenth Celebration is Friday, June 20.
- Celebrate Meridian is June 26-28.
- 14 miles of roads will receive asphalt rejuvenator treatment and more information available on website.
- Senior and Community Center FAQ document updated and available on website.

7. BOARD MEMBER REPORTS OF ACTIVITIES AND ANNOUNCEMENTS

Clerk Demas noted that absent voter ballots will be available beginning June 26 and absent voter ballots will be sent to Uniformed Military and Overseas Citizens Absentee Voting Act (UOCAVA) voters June 21 for the August 5, 2025 Special Election. She attended the MAMC summer conference and Land Preservation Advisory Board (LPAB) meeting and will be holding a democracy class on July 3 for the community.

Treasurer Deschaine noted that tax bills go out July 1, thanked residents for attending the listening session.

Trustee Lentz attended the Environmental Commission meeting, noted that the Commission awarded Green Grants.

Supervisor Hendrickson attended the Push-In ceremony with several Board members for the new fire engines.

8. APPROVAL OF AGENDA

Treasurer Deschaine moved to approve the Agenda. Supported by Trustee Wilson.

VOICE VOTE: YEAS: Supervisor Hendrickson, Clerk Demas, Treasurer Deschaine, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson

NAYS: NONE

Motion carried: 7-0

9. CONSENT AGENDA

Trustee Trezise moved to approve the Consent Agenda. Supported by Clerk Demas.

ROLL CALL VOTE: YEAS: Supervisor Hendrickson, Clerk Demas, Treasurer Deschaine, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson

NAYS: NONE

Motion carried: 7-0

10. HEARINGS

A. 2025 Order to Maintain Sidewalk Special Assessment District #21

Deputy Manager Opsommer gave background information about the Order to Maintain.

Supervisor Hendrickson opened public comment at 6:29 pm.

Rx Harrington spoke about sidewalk maintenance and possible ways to reduce to reduce cost.

Supervisor Hendrickson closed public comment at 6:31 pm.

11. ACTION ITEMS

A. 2025 Order to Maintain Sidewalk Special Assessment District #21 - Resolution #3

Board members asked about the average cost estimates and circumstances under which property owners can refuse sidewalk work.

Deputy Manager Opsommer provided clarity to Board questions.

Clerk Demas moved to suspend the rules. Supported by Treasurer Deschaine.

VOICE VOTE: YEAS: Supervisor Hendrickson, Clerk Demas, Treasurer Deschaine, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson

NAYS: NONE

Motion carried: 7-0

Trustee Trezise moved TO APPROVE THE 2025 ORDER TO MAINTAIN SIDEWALK SPECIAL ASSESSMENT DISTRICT #21, RESOLUTION #3, WHICH APPROVES REPAIR AND MAINTENANCE OF SIDEWALK IN PORTIONS OF THE FOLLOWING AREAS: BIRD STRAWBERRY FARM ESTATES, BIRD STRAWBERRY FARM ESTATES #2, BIRD STRAWBERRY FARM ESTATES #3, CHIPPEWA WOODS, COUNTRY GREEN, COUNTRY PLACE, COUNTRY PLACE #2, COUNTRY PLACE #3, GEORGETOWN, GEORGETOWN #2, TRAILS AT LAKE LANSING #3, WOOD VALLEY #3, WILKSHIRE, WILKSHIRE #1, WILKSHIRE #2, WOOD VALLEY, WOOD VALLEY #2, WOOD VALLEY #3, WOOD VALLEY #4, WOODSIDE ESTATES, WOODSIDE ESTATES #2, WOODSIDE ESTATES #4, WOODSIDE ESTATES #5, AND WOODSIDE ESTATES #6, WHICH ARE LOCATED IN SECTIONS 2, 11, 12, AND 14, AND TO DEFRAY THE COST BY SPECIAL ASSESSMENT; APPROVES THE COST ESTIMATE OF \$31,911.24; DETERMINES THE SPECIAL ASSESSMENT DISTRICT; DIRECTS THE MAKING OF AN ASSESSMENT ROLL; AND DIRECTS NOTICES BE SENT TO THE PROPERTY OWNERS INDICATING THEY HAVE 20 DAYS TO REPLACE OR MAKE SAFE THE DEFECTIVE SIDEWALK. Supported by Trustee Wilson.

ROLL CALL VOTE: YEAS: Supervisor Hendrickson, Clerk Demas, Treasurer Deschaine, Trustee Lentz, Trustee Sundland, Trustee Trezise, and Trustee Wilson

NAYS: NONE

Motion carried: 7-0

12. BOARD DISCUSSION ITEMS

A. DDA Task Force Appointment

Supervisor Hendrickson provided information about the Downtown Development Authority (DDA) task force created regarding the development of the Village of Okemos.

Treasurer Deschaine offered to serve on the task force with consensus from the Board.

Trustee Sundland offered to serve as an alternate on the task force with consensus from the Board.

B. Board Retreat Follow Up Discussion

Treasurer Deschaine provided information about the April 12 Board Retreat and the report from Larry Merrill.

Board members discussed the retreat and the Key Performance Indicators (KPIs). The Board discussed strategic planning and the timeline for developing a Board annual plan.

C. Board Goals

Board members discussed Board goals and values from the June 3 Township Board Special Meeting.

The Board discussed rearranging the order Board goals will be displayed.

The Board discussed limitations of housing as a Board goal and instead having this be included in the welcoming community value. The Board discussed defining the value of a welcoming community.

The Board discussed the timeline for establishing annual Board goals along with the annual budget.

13. COMMENTS FROM THE PUBLIC

Supervisor Hendrickson opened public comments at 7:31 pm.

Ben Miller spoke on behalf of Comcast regarding the Comcast Local Franchise Agreement Renewal.

Rx Harrington spoke in support of culture and arts as a Board goal.

Supervisor Hendrickson closed public comments at 7:35 pm.

14. OTHER MATTERS AND BOARD MEMBER COMMENTS



9.C

To: Board Members
From: Bernadette Blonde, Finance Director
Date: July 8, 2025

Charter Township of Meridian
Board Meeting
7/8/2025

MOVED THAT THE TOWNSHIP BOARD APPROVE THE TOWNSHIP
INVOICES/EXPENSES AS FOLLOWS:

COMMON CASH	\$	783,207.10
PUBLIC WORKS	\$	464,995.97
TRUST & AGENCY	\$	33,868.49
	TOTAL CHECKS:	\$ 1,282,071.56
CREDIT CARD TRANSACTIONS		
06/11/2025 to 07/02/2025	\$	16,115.88
	TOTAL PURCHASES:	\$ <u>1,298,187.44</u>
ACH PAYMENTS	\$	<u>1,514,694.98</u>

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 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 07/08/2025 - 07/08/2025
 JOURNALIZED OPEN AND PAID
 BANK CODE: GF53 - CHECK TYPE: PAPER CHECK

Vendor Name	Description	Amount	Check #
1. 65-A DISTRICT COURT	CLINTON CO - COURT DOCKET #24-BT1189	300.00	114920
2. A T & T	JUN 7 - JUL 6 2025 - INTERNET F2	149.00	114921
	JUN 7 - JUL 6 2025 - INTERNET P1	195.25	114921
	JUN 9 - JUL 8 2025 - INTERNET F1	195.25	114921
	JUN 15 - JUL 14 2025 - INTERNET S1	195.25	114921
	TOTAL	734.75	
3. AIS CONSTRUCTION EQUIPMENT	FIRE - 150 - REPAIRS ON 4/10/25 & 4/29/25	10,715.65	114922
4. ALLGRAPHICS CORP	SUMMER DAY CAMP SHIRTS FOR CAMPERS AND STAFF - HAR	1,680.35	
	ADDITIONAL CAMP SHIRTS FOR HARRIS NATURE CENTER	32.00	
	STAFF SHIRTS FOR HARRIS NATURE CENTER	419.69	
	CELEBRATE MERIDIAN VOLUNTEER SHIRTS 2025	738.75	
	CAN WRAPS FOR CELEBRATE MERIDIAN 2025	795.00	
	TOTAL	3,665.79	
5. AMERICAN RENTALS	6/21/25 TO 7/21/25 - TRANSFER STATION PORTABLE TOI	85.00	
6. ANDREW CALLIS	ATOMIC BOOGALOO PERF 7/16/2025 - 6:30PM - 8:30PM -	700.00	114923
7. ANN GAULTNEY	CANCELED PAVILION RESERVATION 08/03/2024 REFUND	200.00	
8. ANTHONY D THOMPSON	6/20/2025 6PM TO 7PM JUNETEENTH PERFORMANCE	1,000.00	114918
9. ASAP PRINTING	YARD SIGNS FOR 2025 SPRING RECYCLING EVENT	242.25	
10. AT & T	JUN 7 - JUL 6 2025 - TELEPHONE + INTERNET M1 83100	1,253.32	114914
	MAY 11 - JUN 10 2025 - INTERNET ASE 8310008214218	3,763.02	114924
	TOTAL	5,016.34	
11. AUTO VALUE OF EAST LANSING	WATER UNIT #6 - FLEET REPAIR PARTS	119.95	
	UNIT #151 - FLEET REPAIR PARTS	32.86	
	SHOP SUPPLY - FLEET REPAIR PARTS	59.09	
	CREDIT RETURN - FLEET REPAIR PARTS	(800.65)	
	SHOP SUPPLY - FLEET REPAIR PARTS	19.29	
	UNIT #711 - FLEET REPAIR PARTS	61.84	
	PARKS UNIT #689 - FLEET REPAIR PARTS	9.36	
	FIRE UNIT #134- FLEET REPAIR PARTS	125.88	
	STOCK - FLEET REPAIR PARTS	22.99	
	STOCK - FLEET REPAIR PARTS	309.99	
	FIRE UNIT #663 - FLEET REPAIR PARTS	132.99	
	FIRE UNIT #134 - FLEET REPAIR PARTS	16.10	
	STOCK & FIRE UNIT #91 - FLEET REPAIR PARTS	232.44	
	CREDIT V-BELTS - FLEET REPAIR PARTS	(58.39)	
	POLICE UNIT #746 - FLEET REPAIR PARTS	156.94	
	STOCK & UNIT #721 - FLEET REPAIR PARTS	337.83	
	POLICE UNIT #721 - FLEET REPAIR PARTS	89.39	
	STOCK - FLEET REPAIR PARTS	155.88	
	SHOP SUPPLY - FLEET REPAIR PARTS	146.70	
	SHOP SUPPLIES - FLEET REPAIR PARTS	20.59	
	UNIT #134 - FLEET REPAIR PARTS	17.38	
	FIRE UNIT #135 - FLEET REPAIR PARTS	157.59	
	FIRE UNIT #663 - FLEET REPAIR PARTS	12.39	
	FIRE UNIT #663 - FLEET REPAIR PARTS	7.48	
	UNIT #151 - FLEET REPAIR PARTS	128.55	
	UNIT #151 - FLEET REPAIR PARTS	35.14	
	TOTAL	1,549.60	
12. AXON ENTERPRISE, INC	2025 PRO LICENSE BUNDLE (3 ADDITIONAL)	1,726.88	
13. BARKHAM & CO	JUNE 2025 - MOWINGS BICYCLE/PEDESTRIAN PATHWAYS	5,680.00	

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Vendor Name	Description	Amount	Check #
14. BOARD OF WATER & LIGHT	06/01/2025 TO 06/30/2025 STREETLIGHT SERVICE	824.39	
15. BOUNDTREE MEDICAL	ORDER #106227542 - MEDICAL/AMBULANCE SUPPLIES	319.46	
	ORDER 106264932 - MISC. AMBULANCE SUPPLIES	4,444.35	
	TOTAL	4,763.81	
16. BOYNTON FIRE SAFETY SERVICE	TOWNER - RE-CERTIFICATION BACK FLOW TESTING	90.00	
17. BRIGHTLINE TECHNOLOGIES	2025 BUILDING WIRING - PART 1 OUT OF 2	1,800.00	
	JULY 2025 QUICKHELP SUBSCRIPTION	1,477.00	
	JULY 2025 ACRONIS BACKUP SERVER	2,518.00	
	JULY 2025- AUVIK NETWORK & SAAS MONITORING & MANAG	1,055.00	
	JULY 2025 BRIGHTLINE HPE 36M II SUBSCRIPTION	4,276.00	
	TOTAL	11,126.00	
18. BUBBLES R FUN LLC	2025 CELEBRATE KIDS AREA ENTERTAINMENT	600.00	
19. BULL ENTERPRISES	FEB 2025 - JANITORIAL SERVICES TWP BLDGS	8,867.00	
	MAY 2025 - JANITORIAL SERVICES TWP BLDGS	8,867.00	
	TOTAL	17,734.00	
20. CAPITAL AREA TRANSPORTATION	REDI-RIDE BUS PASSES - CARES PROGRAM	600.00	114943
21. CARLISLE WORTMAN ASSOC	APRIL 2025 CHIPPEWA MIDDLE SCHOOL - PLAN REVIEW SE	1,080.00	
22. CATHERINE EISERT	6:30 TO 8:30 PM - 2025 SUMMER CONCERT SERIES PERFO	1,400.00	114944
23. CDW	CRADLEPOINT NETCLOUD RENEWAL UNTIL 12/31/26	4,699.36	114925
24. CHICKADEE GOATMILK SOAP	FARMERS MARKET	35.00	114959
25. CITY OF EAST LANSING	JOINT PURCHASE METRO FIRE DEPT COMMUNICATION LINE	2,000.00	
	04.01.25 TO 06.30.25 - MEP PERMIT REVENUE TO CITY	125,334.70	
	TOTAL	127,334.70	
26. CMP DISTRIBUTORS INC.	SRT VEST	285.00	114926
27. COLOR OF SOUND AUDIO	6/20/2025 - 4PM - 7PM JUNETEENTH PERF COLOR OF SOU	1,900.00	114927
28. COMCAST	JUL 1 2025 TO JULY 31 2025 - INTERNET + TV M1	637.90	114928
	JUN 29 - JUL 28 2025 - TELEPHONE + INTERNET S2	135.59	114928
	JUN 29 - JUL 28 2025 - TV P1	38.43	114928
	JUN 19 - JUL 18 2025 - INTERNET SCADA	309.90	114928
	TOTAL	1,121.82	
29. CONSUMERS ENERGY	ACCT 1030-4632-3111 - EMERGENCY UTILITY ASSISTANCE	300.00	114945
	ACCT 3000 0011 8327 - LICENSE OK/HULETT PTHWY AGRM	526.71	114929
	ACCT 3000 1350 2202 - LICENSE FEE OK HULETT PATHWA	686.39	114929
	TOTAL	1,513.10	
30. CREATIVE FINANCIAL STAFFING LLC	WEEK ENDING 6/15/2025 TEMP STAFFING SERV - UTILITY	1,496.00	
	CONVERSION FEE - UB TEMPORARY STAFFING SERVICES	3,771.79	
	TOTAL	5,267.79	
31. CRYSTAL FLASH	ACCT 97833 - FLEET FUEL	16,474.70	114960
32. CRYSTAL HOFFMAN	PERFORMANCE 7/16/2025 - 4PM - 6PM - SUMMER CONCERT	150.00	114930
33. DAN HENRY DISTRIBUTING CO.	2025 CELEBRATE MERIDIAN BEER GARDEN	6,841.95	114946

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34. DAVID BRITTON	LAST ONE OUT PERF 7/30/25 6:30 PM - 8:30 PM - SUMM	500.00	114931
35. DAVID CHAPMAN AGENCY	ADD 2025 FORD F450 TO INSURANCE	592.00	
36. DELUX TENTS AND EVENTS, LLC	2025 CELEBRATE MERIDIAN FESTIVAL TENT, TABLE AND C	1,599.00	114947
37. DOMINIQUE HOUSE	FACE PAINT/HENNA VENDOR 2025 JUNETEENTH FESTIVAL	800.00	114948
	FACE PAINT/HENNA VENDOR 2025 CELEBRATE TEEN NIGHT	330.00	
	TOTAL	1,130.00	
38. DON MIDDLEBROOK	PERFORMANCE 7/23/2025 - 4PM - 6PM - SUMMER CONCERT	150.00	114932
39. ELECTRICAL TERMINAL SERVICE	TINNED COPPER LUG KIT - MOTOR POOL	264.80	114949
	MP - SUPPLIES - LIGHTS	207.02	114949
	MP- SUPPLIES - WIRE	80.57	114949
	O-RING KIT - MOTOR POOL	155.77	114949
	TOTAL	708.16	
40. FD HAYES ELECTRIC	OKEMOS LIBRARY - LOT LIGHT REPAIRS	4,186.00	
41. FIREFLY DRONE SHOWS LLC	2025 CELEBRATE MERIDIAN DRONE SHOW	13,300.00	
42. FIRST RESPONSE LLC	LEADERSHIP CLASS (SESSION 1) - 6/5 & 6/6/2025	2,000.00	
43. FISHBECK, THOMPSON, CARR & HUBER	SERVICES THRU MAY 30 2025 - MSU TO LL PH. 1 - RIVE	5,214.50	
44. FORESIGHT GROUP	WATER BILLS 4/15/2025 AND POSTAGE	484.82	114950
	WATER BILLS 6/17/2025 AND POSTAGE	508.93	
	WATER BILLS 7/1/2025 AND POSTAGE	1,504.24	
	TOTAL	2,497.99	
45. FRIEDLAND INDUSTRIES INC	2 CURBIES CARDBOARD PICK UP	35.00	
46. GRANGE ACRES	EMERGENCY RENTAL ASSISTANCE	120.00	114915
47. GRANGER	HNC ACCT 10159300 - JUNE 2025 - RUBBISH DISPOSAL S	74.76	114933
	ACCT 15896205 & 15896200 - MAY/JUNE 2025 - RUBBISH	33.63	114933
	MUN BLDG ACCT 17334070 - JUNE 2025 - RECYCLING SER	89.91	114933
	GAYLORD C SMITH - MAY/JUNE 2025 - RUBBISH DISPOSAL	33.97	114933
	TOWN HALL/PUB SAFETY - JUNE 2025 - RUBBISH DISPOSA	143.38	114933
	GAYLORD C SMITH - JUNE 2025 - RUBBISH/RECYCLE DISP	358.83	114933
	S FIRE ACCT 1106300 - JUNE 2025 - RUBBISH DISPOSAL	104.15	114933
	C FIRE ACCT 2509750 - JUNE 2025 - RUBBISH DISPOSAL	136.33	114933
	ACCT 25211200 - PARKS - EXTRA DUMPSTER @ SERVICE C	123.67	114933
	TOTAL	1,098.63	
48. GRANGER WASTE SERVICES	2025 - SEASONAL TRASH SERVICE IN PARKS	404.92	
	TEMP DUMPSTER 2025 CELEBRATE	528.12	
	TOTAL	933.04	
49. GREAT LAKES INTERIOR & DESIGN	PSB INTERIOR BLINDS 1ST FLOOR	651.00	
50. GREATER LANSING FOOD BANK	2025 FOOD BANK GARDEN PROJECT	5,000.00	
51. HAMMOND FARMS	BRUSH DUMP FEE - PARKS	121.00	
52. HIGH CALIBER KARTING INC	RENTAL ON 12/13/2024 - TWP HOLIDAY EVENT	250.00	114958
53. HOBBS & BLACK ASSOCIATES INC	SERV THRU MAY 31 2025 - FIRE DORM ADDITION ARCHITE	5,572.50	

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54. HUTSON INC OF MICHIGAN	MP - PARKS - 91	1,220.52	
	MP - PARKS -91	541.33	
	TOTAL	1,761.85	
55. INGHAM COUNTY FIRE CHIEFS ASSOC	MUSAR AWARENESS & OPS LEVEL ROPE RESCUE COURSE (FF	200.00	
56. JEFFORY BROUGHTON	RADIO WORK IN NEW ENGINE	740.00	
57. KATIE LOVE	EMERGENCY CARES PROGRAM REIMBURSEMENT	98.11	114951
58. KCI	BLUE BALLOT ENVELOPES - JOB 181516	1,909.00	
59. KEITH MINAYA	PERFORMANCE 7/30/2025 - 4PM - 6PM - SUMMER CONCERT	150.00	114934
60. KIMBALL MIDWEST	MP - MISC LOCKNUTS/BOLTS/ STOCK	853.00	
	MP - MISC WASHERS/SCREWS/PARTS STOCK	568.42	
	TOTAL	1,421.42	
61. LAFONTAINE FORD OF LANSING	MP - FIRE UNIT #134	151.83	
	MP - POLICE -694	766.18	
	MP - POLICE -721	389.20	
	MP - WHEEL ASSEMBLY - UNIT 668	349.20	
	MP - FRONT ARM ASSEMBLY - UNIT #680	518.40	
	MP- SENSOR KIT- UNIT #668	55.19	
	SHIELD - POLICE - UNIT #694	94.57	
	BRAKE PADS AND ROTORS FOR STOCK	404.40	
	SHIELD - POLICE - UNIT 716	88.06	
	MP - CORE RETURN CREDIT	(100.00)	
	TOTAL	2,717.03	
62. LANSING SANITARY SUPPLY INC	PARKS JANITORIAL SUPPLIES	1,924.89	
	MISC JANITORIAL SUPPLIES	912.51	
	PARKS PAPER TOWEL ROLLS SUPPLIES	531.22	
	TOTAL	3,368.62	
63. LANSING UNIFORM COMPANY	OFFICER BOOTS - HEINEMANN	219.95	
	FIRE UNIFORMS (IRELAND)	435.70	
	FIRE UNIFORMS (GONZALES)	115.90	
	FIRE UNIFORMS (VANDERBOS)	570.50	
	CRABB/SCHAEDING/VANDERMOLLEN/GORDON/STOCK - MISC UN	1,350.70	
	FIRE UNIFORMS (LAFAYETTE)	176.85	
	OFFICER BOOTS - CODDINGTON	219.95	
	TOTAL	3,089.55	
64. LATCHAW PRODUCTIONS	JULY 2, 2025 4:00 PM-6:00 PM SUMMER CONCERT SERIE	150.00	114968
	PERFORMANCE 6/28/25 - 4:00 PM TO 6:30 PM	500.00	114935
	TOTAL	650.00	
65. LAWN STARS GROUP LLC	MAY 2025 - GLENDALE - MOWING	5,173.80	
	JUNE 2025 - GLENDALE MOWING	5,173.80	
	TOTAL	10,347.60	
66. LEAK PETROLEUM EQUIPMENT INC	6/4/2025 SERVICE A/C SYSTEM REPAIRS	430.07	
	ANNUAL HOIST/AC INSPECTIONS AND REPAIRS	741.98	
	TOTAL	1,172.05	
67. LEROY HARVEY	WOAH, NELLY PERF 5:00 PM TO 6:30 PM - CELEBRATE ME	250.00	114936

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Vendor Name	Description	Amount	Check #
68. LEXISNEXIS CLAIMS SOLUTIONS INC	2025 IEYTEK MAINTENANCE POLICE ECITATION	2,003.40	114952
69. LISKEY'S AUTO & TRUCK SERVICE INC	FRONT END ALIGNMENT - FIRE - UNIT #701	118.25	
70. MACKENZIE DERHAMMER	PERFORMANCE 5/31/25 - PRIDE FESTIVAL	100.00	114937
71. MADISON NATIONAL LIFE INS CO	JULY 2025 LIFE/DISABILITY INSURANCE	3,965.61	114961
72. MAGDA INTERNATIONAL LLC	OPTICOM SAFER STREETS GRANT WRITING SERVICES	2,250.00	
73. MAGDALENE BREWER	PERFORMANCE 5/31/25 - PRIDE FESTIVAL	100.00	114938
74. MANNIK AND SMITH GROUP INC	SERV THRU MAY 9 2025 - GREEN BURIAL CEMETERY RESEA	453.00	
75. MARTIN BRAMAN	FARMERS MARKET	22.00	
76. MEDICAL MANAGEMENT SYSTEMS OF	JUNE 2025 COLLECTION FEE FROM AMBULANCE BILLINGS	8,916.51	
77. MEI TOTAL ELEVATOR SERVICES	CUST #MI1767 - POLICE - ELEVATOR REPAIRS	3,656.42	
78. MICHAEL PRELESNIK, LLC	2025 CELEBRATE MERIDIAN FESTIVAL RIDES AND GAME TR	3,100.00	114953
79. MICHIGAN MUNICIPAL LEAGUE	7/1/2025-7/1/2026 POLICY PREMIUM #5000880-25	55,482.70	114916
80. MICHIGAN PAVING	2024 MILL & FILL LOCAL ROAD PROGRAM CONTRACT	161,791.80	
81. MICHIGAN SEPTIC LLC	JUNE 2025 - HNC PUMP OUT PIT TOILETS	383.00	
82. MID MICHIGAN EMERGENCY EQUIPMENT	MP - POLICE - CENTER CONSOLES	682.00	
	2025 POLICE UNIT #746 INTERCEPTOR UPFITTING	5,951.00	
	MP - POLICE UNIT #746 - WINDOW TINT	475.00	
	TOTAL	7,108.00	
83. MIDWEST POWER EQUIPMENT	STARTER CORD- PARKS - UNIT #87	7.99	
84. MILLENNIA TECHNOLOGIES	MITEL DESKPHONE DISPLAY ADJUSTMENTS	32.50	
	TROUBLE FREE VOIP - BRONZE - 2020 5 YRBA EXCLUDED	65.00	
	TOTAL	97.50	
85. MSU VETERINARY MEDICAL CENTER	05/15/2025 - K9 VET CARE-ARES	128.70	
86. MY GREEN MICHIGAN LLC	JUNE 2025 COMPOST SERVICE AT MARKETPLACE	177.00	
87. NATHAN LAFAYETTE	REIMB PARAMEDIC LICENSE RENEWAL FEE	25.00	
88. ON DEMAND MOSQUITO MAN INC	MOSQUITO TREATMENT - PARKS/BUILDINGS/GROUNDS	1,720.00	
89. OVERHEAD DOOR OF LANSING	BUILDINGS - CENTRAL FIRE - REAR BAY DOOR "B"	325.00	
	ALL BUILDINGS -PM INSPECTIONS	1,200.00	
	ALL BUILDINGS - OVERHEAD DOOR PM INSPECTIONS	150.00	
	MUNICIPAL - GATE REPAIR 6/17/2025 @ CLERKS OFFICE	225.00	
	ALL BUILDINGS - OVERHEAD DOOR PM INSPECTIONS	450.00	
	ALL BUILDINGS - OVERHEAD DOOR PM INSPECTIONS	300.00	
	6/17/2025 - CLERK/TREASURER AREA GATE REPAIRS	367.72	
	NORTH FIRE - OVERHEAD DOOR REPAIR	921.60	
	TOTAL	3,939.32	
90. PAWSOME PETS OKEMOS LLC	K9 DOG FOOD	66.98	
91. PEOPLEFACTS LLC	APRIL 2025 CREDIT CHECKS	16.67	
	MAY 2025 CREDIT CHECKS	64.34	
	TOTAL	81.01	
92. PER MAR SECURITY SERVICES	SERVICE CENTER - SECURITY SERVICE CALL	209.50	114962

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93. PLANET X INC	DEPOSIT FOR CELEBRATE MERIDIAN TEEN NIGHT ACTIVITI	695.00	114939
94. PLANTE & MORAN, PLLC	PROF SERV THRU JUNE 11 2025 - FINANCE -TEMPORARY S	1,890.00	
95. PLM LAKE & LAND MANAGEMENT	2025 HERBICIDE TREATMENT LAKE LANSING SAD	18,150.00	
96. PROGRESSIVE AE	SERVICES THRU MAY 31 2025 - 2025 LAKE LANSING SAD	2,579.58	
97. PRO-TECH MECHANICAL SERVICES	2025 HVAC SERVICES - PREVENTATIVE MAINTENANCE	4,206.25	
	W/O 56428 - MUNICIPAL - HVAC UNIT 4 REPAIRS	1,000.80	
	W/O 56455 - SOUTH FIRE - HVAC REPAIRS	468.54	
	W/O 56433 - POLICE - AIR COMPRESSOR FOR HVAC	599.90	
	W/O 56491 - POLICE - HVAC REPAIRS	985.00	
	W/O 56511 - POLICE - CLEAN COILS ON CONDENSOR	392.50	
	W/O 56552 - POLICE - REPAIRS TO HVAC	1,755.67	
	W/O 56559 - CLEAN AND REPAIR LIEBERT UNIT FOR SERV	956.20	
	W/O 56474 - MUNICIPAL - BOILER REPAIRS	683.80	
	TOTAL	11,048.66	
98. PRO-TECH SECURITY SALES	3 BALLISTIC VESTS	4,087.00	114963
99. PURITY CYLINDER GASES INC	MEDICAL OXYGEN & QUARTERLY CYLINDER RENTAL CHARGE	473.43	
100 QUALITY TIRE INC	MP TIRE DISPOSAL	56.00	
	TIRES - POLICE - UNIT 717	764.00	
	MP - AMBULANCE TIRES - STOCK	893.06	
	TOTAL	1,713.06	
101 REBECCA PAYNE	MEALS REIMBURSEMENT	23.56	114964
102 RECDESK LLC	RECREATION SUBSCRIPTION AND INITIAL SET-UP	1,200.00	
103 RED OAK STUMP GRINDING	STUMP GRINDING FOR 9 STUMPS IN VARIOUS PARKS	1,050.00	
104 REDWOOD LANDSCAPING	JUNE 2025 - MUNICIPAL CAMPUS LANDSCAPING BED SPRIN	2,625.00	
105 SA SMITH PAVING & TRUCKING INC	GF 2025 ASPHALT SPOT REPAIR	7,059.04	
106 SERTAS BLACK ROSE LLC	PERFORMANCE 7/2/2025 - 6:30PM - 8:30PM - SUMMER CO	600.00	114940
107 SHAHEEN CHEVROLET INC	MP - FIRE - 134	365.89	114954
	MP- FIRE - UNIT 701	427.43	114954
	MP - FIRE - UNIT 663	107.76	114954
	MP - POLICE - HEAD LAMP STOCK	1,610.44	
	MP - FIRE - UNIT 663	441.46	114954
	CABLE - FIRE UNIT #135	101.84	
	BOLTS/LEVER/BRAKET - FIRE UNIT #135	34.51	
	TOTAL	3,089.33	
108 SHILA KIANDER	FLOWER - 7/10/2025 - ASSESSING CONTINUING ED	50.00	
109 SHJ CONSTRUCTION GROUP LLC	PB23-0403 AND PB23- 0422 - CANCELLED PERMITS 80%	7,300.00	114965
110 SMART HOMES INC	TECH REPAIR FOR THR	163.76	
111 SPALDING DEDECKER ASSOCIATES	SERV FROM APRIL 28 2025 TO MAY 25 2025 - 2025 LOCA	1,495.12	
	SERV FROM APRIL 28 2025 TO MAY 25 2025 - CRUSH & S	17,693.00	
	SERV FROM APRIL 28 2025 TO MAY 25 2025 - 2026 LOCA	14,100.00	
	TOTAL	33,288.12	
112 SPARKY'S ELECTRIC LLC	REFUND ELECTRICAL PERMIT-PROJECT BLUEBERRY LN	60.00	
113 SPARTAN DISTRIBUTORS	MP - PARKS - 689 MOWER REPAIRS	296.14	114966

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DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
EXP CHECK RUN DATES 07/08/2025 - 07/08/2025
JOURNALIZED OPEN AND PAID
BANK CODE: GF53 - CHECK TYPE: PAPER CHECK

Vendor Name	Description	Amount	Check #
114 SPARTAN FENCE	FENCE REPAIR LAKE LANSING RD NEAR HILLBROOK PARK	2,275.00	
115 ST MARTHA CONFERENCE OF	EMERGENCY RENTAL ASSISTANCE	500.00	114955
116 ST THOMAS AQUINAS PARISH	EMERGENCY RENTAL ASSISTANCE	500.00	114956
117 STARFARM LLC	7PM TO 10 PM - 2025 CELEBRATE FESTIVAL PERFORMER	6,000.00	114957
118 SUPREME SANITATION	2025 CELEBRATE FESTIVAL PORTA JONS AND SINKS	1,270.00	
119 TAYLOR NOEL TAYLOR	PERFORMANCE 7/9/2025 - 4PM - 6PM - SUMMER CONCERT	200.00	114941
120 THE HARKNESS LAW FIRM PLLC	JUNE 2025 PROSECUTING SERVICES CONTRACT	8,009.48	
121 THE PEASE FAMILY FARM	FARMERS MARKET	18.00	114967
122 THOMAS CARY	REIMB FARMERS MARKET SIGN LAMINATION	36.67	
123 TL CONTRACTING INC	TACOMA NEIGHBORHOOD - STORM DRAIN SPOT REPAIRS	64,506.95	
124 TOKIO MARINE HCC	CINEY RICH CLAIM DEFENSE DEDUCTIBLE - CLAIM # 2022	6,392.50	
125 TRIPP'S COLLISION EAST LANSING	REPAIRS TO PARKS UNIT #738	2,911.97	
126 UM HEALTH - SPARROW OCCUPATIONAL	MAY 2025 EMPLOYEE PHYSICALS	9,001.50	
127 VERIZON CONNECT	VEHICLE DATA 100000198152	1,435.50	
128 YEO & YEO	AUDITING SERVICES THRU MAY 31 2025	16,130.00	
129 YOUNG CHEVROLET OF ST JOHNS INC	REPAIRS - FIRE - UNIT #134	982.23	
130 ZIPPITY2DAD PRODUCTIONS LLC	THUR 6/26/2025 - FAMILY MUSIC CHILDRENS NIGHT	600.00	114942
131 ZOE HEDRICK	REIMBURSE FOR PARAMEDIC COURSE AT HENRY FORD HEALT	100.00	
TOTAL - ALL VENDORS		783,207.10	

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 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 07/08/2025 - 07/08/2025
 JOURNALIZED OPEN AND PAID
 BANK CODE: PW53 - CHECK TYPE: PAPER CHECK

Vendor Name	Description	Amount	Check #
1. AUTO VALUE OF EAST LANSING	SEWER - BATTERY - SEIRRA RIDGE	104.87	
2. BLACKBURN MFG CO	MISS DIG MARKING PAINT FOR WATER/SEWER FLAGS FOR STAKING WATER LINES	978.64 535.70	
	TOTAL	1,514.34	
3. CATHEY INDUSTRIAL SUPPLIES, CO	WATER - HOSE FOR POOL FILLS	332.10	
4. CITY OF EAST LANSING	JUNE 2025 - ELMWSA OPERATING, INTERCONNECT & DEBT	377,461.25	30128
5. CUMMINS INC	MAIN LIFT STATION GENERATOR REPAIRS	1,045.78	
6. DRIESNEGA & ASSOCIATES INC	2ND HALF OF - 12/23/24 TO 01/26/25 - FOREST HILLS	1,950.00	
7. EJ USA INC	WATER - STORZ RETRO FIT NOZZLES WATER - STORZ RETRO FIT NOZZLES	1,999.98 6,160.00	30129
	TOTAL	8,159.98	
8. EJ USA, INC.	WATER - STORZ RETRO FIT NOZZLES	65.00	30130
9. FERGUSON WATERWORKS #3386	2" COMPOUND METER - E. LANSING ADMIN BLDG WATER - 1 1/2" REPLACEMENT METERS ANGLE VALVES WATER - ANGLE VALVES WATER - 1 INCH CORP STOPS	2,768.89 2,750.64 3,125.00 1,875.00 172.17	
	TOTAL	10,691.70	
10. GIVE EM A BRAKE SAFETY LLC	BARRICADE RENTAL WATER LEAK MALL PARKING LOT MACY'	2,912.00	
11. HYDROCORP	AUG 2024 TO AUG 2026 CROSS CONNECTION PROGRAM SERV	2,735.00	
12. IDC CORPORATION	SEWER - LIFT STATION CONTROLS MAINTENANCE 2025	1,236.75	
13. MADISON NATIONAL LIFE INS CO	JULY 2025 LIFE/DISABILITY INSURANCE	536.50	30132
14. MICHIGAN MUNICIPAL LEAGUE	7/1/2025-7/1/2026 POLICY PREMIUM #5000880-25	4,633.30	30127
15. OLGER BROTHERS SAND & GRAVEL	6A STONE ON 5/5/2025 (10985)	248.86	
16. ROBERT ALEXANDER	UB REFUND	91.96	30133
17. SA SMITH PAVING & TRUCKING INC	PW 2025 - ASPHALT SPOT REPAIR	15,814.71	
18. STATE OF MICHIGAN	2024 COMMUNITY PUBLIC WATER SUPPLY ANNUAL FEE	14,822.87	30131
19. TOM HUNDT	REIMBURSE FOR WORK BOOTS	175.00	
20. TRI-COUNTY REGIONAL PLANNING	9/27/24 TO 9/26/25 - GROUNDWATER MANAGEMENT DUES	14,894.00	
21. YEO & YEO	AUDITING SERVICES THRU MAY 31 2025	5,570.00	
TOTAL - ALL VENDORS		464,995.97	

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INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
EXP CHECK RUN DATES 07/08/2025 - 07/08/2025
JOURNALIZED OPEN AND PAID
BANK CODE: TA53 - CHECK TYPE: PAPER CHECK

Vendor Name	Description	Amount	Check #
1. MERIDIAN TOWNSHIP			
	ADVANCED TAX COLLECTION 2025 SUMMER FOR MAC LEGEND	690.66	14124
	ADVANCED TAX COLLECTION 2025 SUMMER FOR MAC LEGEND	139.17	14124
	TOTAL	<u>829.83</u>	
2. STATE OF MICHIGAN			
	2024 PILT PMT - MARSH POINTE APTS	22,355.21	14125
	2024 PILT PMT - MERIDIAN STRATFORD PLACE	10,683.45	14126
	TOTAL	<u>33,038.66</u>	
TOTAL - ALL VENDORS		33,868.49	

Credit Card Report 06/11/2025 - 07/01/2025

Transaction Date	Account Name	Transaction Amount	Transaction Merchant Name
6/12/2025	LAWRENCE BOBB	\$134.38	THE HOME DEPOT #2723
6/13/2025	LAWRENCE BOBB	\$5.98	THE HOME DEPOT #2723
6/17/2025	LAWRENCE BOBB	\$17.97	MIDWEST POWER EQUIPMENT
6/16/2025	LAWRENCE BOBB	\$57.71	THE HOME DEPOT #2723
6/17/2025	LAWRENCE BOBB	\$76.55	THE HOME DEPOT #2723
6/24/2025	LAWRENCE BOBB	\$124.97	DICKS SPORTING GOODS
6/27/2025	LAWRENCE BOBB	\$378.00	THE HOME DEPOT #2723
6/12/2025	ROBERT STACY	\$104.90	SHERWIN-WILLIAMS701339
6/27/2025	ROBERT STACY	\$104.90	SHERWIN-WILLIAMS701339
6/27/2025	ROBERT STACY	\$19.94	THE HOME DEPOT #2723
6/11/2025	TYLER KENNELL	\$119.82	THE HOME DEPOT #2723
6/18/2025	TYLER KENNELL	\$18.83	TRANE SUPPLY - 113430
6/18/2025	TYLER KENNELL	\$14.06	GRAINGER
6/18/2025	TYLER KENNELL	\$3.49	AUTO VALUE 244 EAST LANSI
6/18/2025	TYLER KENNELL	\$117.94	THE HOME DEPOT #2723
6/24/2025	TYLER KENNELL	\$22.66	THE HOME DEPOT #2723
6/27/2025	TYLER KENNELL	\$128.70	HOMEDEPOT.COM
6/24/2025	MICHAEL HAMEL	\$78.95	JONES & BARTLETT LEARNING
6/27/2025	MICHAEL HAMEL	(\$78.95)	JONES & BARTLETT LEARNING
6/30/2025	MICHAEL HAMEL	\$185.00	AMERICAN RED CROSS
6/24/2025	KYLE FOGG	\$17.77	THE HOME DEPOT #2723
6/26/2025	KYLE FOGG	\$152.60	THE HOME DEPOT #2723
6/12/2025	RUDY GONZALES	\$354.24	SUPERIOR SAW
6/21/2025	RUDY GONZALES	\$19.90	HASLETT TRUE VALUE HARDWA
6/25/2025	RUDY GONZALES	\$108.76	JONES & BARTLETT LEARNING
6/18/2025	JACOB FLANNERY	\$15.53	THE HOME DEPOT #2723
6/25/2025	JACOB FLANNERY	\$67.80	MIDWEST POWER EQUIPMENT
6/24/2025	JACOB FLANNERY	\$15.98	THE HOME DEPOT #2723
6/27/2025	JACOB FLANNERY	\$499.98	MIDWEST POWER EQUIPMENT
6/11/2025	ASHLEY WINSTEAD	\$449.35	COSTAR GROUP INC
6/20/2025	ASHLEY WINSTEAD	\$14.60	USPS KIOSK 2569809550
6/30/2025	JEFFREY ROMMECK	\$329.00	THE HOME DEPOT 2723
6/17/2025	CHRISTOPHER JOHNSON	\$106.79	COSTCO WHSE#1277
6/17/2025	CHRISTOPHER JOHNSON	\$31.14	THE HOME DEPOT #2723
6/23/2025	CHRISTOPHER JOHNSON	\$92.52	COSTCO WHSE#1277
6/11/2025	BRIAN PENNELL	\$349.00	PAYPAL *EASY IC
6/11/2025	BRIAN PENNELL	\$88.86	JIMMY JOHNS - 90055 - ECO
6/16/2025	BRIAN PENNELL	\$133.42	JETS PIZZA - MI-053 MOTO
6/23/2025	BRIAN PENNELL	\$99.00	AMERICAN RED CROSS
6/12/2025	COURTNEY WISINSKI	\$63.79	QUALITY DAIRY#31
6/12/2025	COURTNEY WISINSKI	\$3.98	QUALITY DAIRY#31
6/17/2025	COURTNEY WISINSKI	\$119.99	CANVA* I04550-79195778
6/18/2025	COURTNEY WISINSKI	\$199.00	AMAZON RETA* NO3Q705A2
6/20/2025	COURTNEY WISINSKI	\$67.52	QUALITY DAIRY#31
6/20/2025	COURTNEY WISINSKI	\$3.98	QUALITY DAIRY#31
6/24/2025	COURTNEY WISINSKI	\$27.70	DOLLAR TREE
6/24/2025	COURTNEY WISINSKI	\$632.00	SQ *JERSEY GIANT SUBS! (O
6/24/2025	COURTNEY WISINSKI	\$43.74	LITTLE CAESARS 3441-0006
6/27/2025	COURTNEY WISINSKI	\$67.78	OFFICEMAX/OFFICEDEPT#3379
6/26/2025	COURTNEY WISINSKI	\$356.53	MEIJER STORE #025
7/1/2025	COURTNEY WISINSKI	\$18.27	PY *NEXSTAR
7/1/2025	COURTNEY WISINSKI	\$248.68	PY *NEXSTAR
7/1/2025	COURTNEY WISINSKI	\$248.68	PY *NEXSTAR

6/16/2025	KATIE LOVE	\$77.00	MEIJER STORE #025
6/18/2025	KATIE LOVE	\$50.87	KOHL'S #0738
6/18/2025	KATIE LOVE	\$24.00	MEIJER STORE #025
6/28/2025	KATIE LOVE	\$17.99	MEIJER STORE #025
6/30/2025	KATIE LOVE	\$418.42	CONSUMER ENERGY
6/17/2025	ANGELA DEMAS	\$14.17	OFFICEMAX/OFFICEDEPT#3379
6/12/2025	JUSTIN C CAROEN	\$69.97	HARBOR FREIGHT TOOLS3459
6/17/2025	JUSTIN C CAROEN	\$17.51	EXXON LITTLE JAMES
6/11/2025	DERRICK BOBB	\$35.49	THE HOME DEPOT #2723
6/12/2025	DERRICK BOBB	\$95.00	THE HOME DEPOT 2723
6/30/2025	DERRICK BOBB	\$47.86	THE HOME DEPOT #2723
6/19/2025	STEPHEN GEBES	\$481.85	ZOOM.COM 888-799-9666
6/16/2025	RICHARD GRILLO	\$87.99	AMAZON RETA* NA3215GM0
6/15/2025	RICHARD GRILLO	\$19.99	GANNETT MEDIA CO
6/16/2025	RICHARD GRILLO	\$113.00	AMAZON MKTPL*NA7ELOPI0
6/17/2025	RICHARD GRILLO	\$210.11	TOM'S FOOD
6/18/2025	RICHARD GRILLO	\$52.45	AMAZON MKTPL*NA6SM8UY1
6/19/2025	RICHARD GRILLO	\$137.84	AMAZON MKTPL*NO9P31DH2
6/23/2025	RICHARD GRILLO	\$82.99	GOOGLE *YOUTUBE TV
6/24/2025	RICHARD GRILLO	\$41.80	BP#8526386BELLAIRE BP
6/24/2025	RICHARD GRILLO	\$14.84	TST* SHORT'S BREWING COMP
6/24/2025	RICHARD GRILLO	\$22.74	TST* THE NEST
6/24/2025	RICHARD GRILLO	\$15.98	TOONIES
6/25/2025	RICHARD GRILLO	\$297.68	FORESIGHT GROUP LLC
6/25/2025	RICHARD GRILLO	\$410.43	FSP*SHANTY CREEK RESORT
6/25/2025	RICHARD GRILLO	\$19.77	TST*SPIKES KEG O NAIL
6/15/2025	MICHELLE PRINZ	\$19.99	GANNETT MEDIA CO
6/15/2025	MICHELLE PRINZ	\$209.85	AMAZON MKTPL*NO5H37CH2
6/19/2025	MICHELLE PRINZ	\$19.99	GANNETT MEDIA CO
6/19/2025	MICHELLE PRINZ	\$19.99	GANNETT MEDIA CO
6/25/2025	MICHELLE PRINZ	\$26.98	ASANA.COM
6/25/2025	MICHELLE PRINZ	\$432.00	MONDAY.COM
6/27/2025	MICHELLE PRINZ	\$256.41	AMAZON.COM*NQ6R09P90
6/30/2025	MICHELLE PRINZ	\$610.00	GOVERNMENT FINANCE OFFICE
6/11/2025	CATHERINE ADAMS	\$70.00	USA ARCHER* USA ARCHER
6/12/2025	CATHERINE ADAMS	\$419.75	HOME CITY ICE
6/15/2025	CATHERINE ADAMS	\$76.11	AMAZON MKTPL*NO1ZN6C92
6/16/2025	CATHERINE ADAMS	\$44.75	AMAZON MKTPL*NA5MQ5GM0
6/16/2025	CATHERINE ADAMS	\$557.00	AMAZON MKTPL*NO5R53ZX2
6/17/2025	CATHERINE ADAMS	\$9.68	THE HOME DEPOT #2723
6/20/2025	CATHERINE ADAMS	\$239.00	FOSSIL INDUSTRIES
6/25/2025	CATHERINE ADAMS	\$54.96	AMAZON MKTPL*NQ8UV8LK0
6/17/2025	ED BESONEN	\$32.99	COVERT SCOUTING
6/12/2025	BART CRANE	\$259.20	ACTIVE911 INC
6/20/2025	BART CRANE	\$39.89	OFFICEMAX/OFFICEDEPT#3379
6/24/2025	BART CRANE	\$15.37	TST* SHORT'S BREWING COMP
6/24/2025	BART CRANE	\$193.14	COMCAST / XFINITY
6/24/2025	BART CRANE	\$56.77	HOPSCOTCH
6/24/2025	BART CRANE	\$22.82	TOONIES
6/25/2025	BART CRANE	\$48.97	SPEEDWAY 44470
6/25/2025	BART CRANE	\$19.33	TST*SPIKES KEG O NAIL
6/25/2025	PHIL DESCHAIINE	\$21.99	OFFICEMAX/OFFICEDEPT#3379
6/18/2025	DANIEL OPSOMMER	\$118.98	AMAZON.COM*NO06B8CB1
6/20/2025	DANIEL OPSOMMER	\$47.83	AMAZON MKTPL*NO3AZ6L50
6/20/2025	DANIEL OPSOMMER	\$81.68	AMAZON MKTPL*NO1OK6NI0

6/12/2025	ALLISON GOODMAN	\$133.90	AMAZON MKTPL*NH5JF2U10
6/12/2025	ALLISON GOODMAN	\$55.32	MEIJER STORE #253
6/16/2025	ALLISON GOODMAN	\$62.67	WAL-MART #2866
6/16/2025	ALLISON GOODMAN	\$8.98	WAL-MART #2866
6/17/2025	ALLISON GOODMAN	\$50.00	USA ARCHER* USA ARCHER
6/24/2025	ALLISON GOODMAN	\$35.74	WAL-MART #2866
6/24/2025	ALLISON GOODMAN	\$67.98	FEEDERS SUPPLY COMPANY #4
6/26/2025	ALLISON GOODMAN	\$14.35	AMAZON MKTPL*NQ5UG9NV0
6/27/2025	ALLISON GOODMAN	\$35.00	USA ARCHER* USA ARCHER
7/1/2025	ALLISON GOODMAN	\$119.92	AMAZON MKTPL*N32JD7F50
6/18/2025	DAN PALACIOS	\$44.95	HASLETT TRUE VALUE HARDWA
6/18/2025	DAN PALACIOS	\$25.97	THE HOME DEPOT #2723
6/26/2025	DAN PALACIOS	(\$6.00)	HASLETT TRUE VALUE HARDWA
6/26/2025	DAN PALACIOS	\$34.96	HASLETT TRUE VALUE HARDWA
6/11/2025	ROBERT MACKENZIE	\$0.94	ELAVON *SERVICE FEE
6/11/2025	ROBERT MACKENZIE	\$0.31	ELAVON *SERVICE FEE
6/11/2025	ROBERT MACKENZIE	\$15.00	SEC OF STATE BRANCH 229
6/11/2025	ROBERT MACKENZIE	\$45.00	SEC OF STATE BRANCH 229
6/18/2025	ROBERT MACKENZIE	\$217.66	AMAZON RETA* NA3WF8U70
6/27/2025	CURT SQUIRES	\$100.00	A1 DETAILING & CUSTOMS
6/28/2025	CURT SQUIRES	\$11.18	QUALITY DAIRY#31
7/1/2025	CURT SQUIRES	\$423.57	OPTICSPLANET, INC.
6/11/2025	SAMANTHA DIEHL	\$198.00	ENVATO
6/18/2025	SAMANTHA DIEHL	\$19.95	FACEBK *Y6RMTTQBJ2
6/20/2025	SAMANTHA DIEHL	\$78.75	FILMFREEWAY
6/26/2025	SAMANTHA DIEHL	\$50.00	FACEBK *WVRFGLCJ2
6/26/2025	SAMANTHA DIEHL	\$50.00	FACEBK *NF9QWUGCJ2
6/26/2025	SAMANTHA DIEHL	\$50.00	FACEBK *6368JTL CJ2
6/27/2025	SAMANTHA DIEHL	\$50.00	FACEBK *2WQNSUCCJ2
6/27/2025	SAMANTHA DIEHL	\$50.00	FACEBK *R44UJULBJ2
6/27/2025	SAMANTHA DIEHL	\$50.00	FACEBK *ZCBJEU4CJ2
6/28/2025	SAMANTHA DIEHL	\$50.00	FACEBK *8CVT2VGCJ2
6/28/2025	SAMANTHA DIEHL	\$50.00	FACEBK *YTXVGU4CJ2
6/28/2025	SAMANTHA DIEHL	\$50.00	FACEBK *9JHNXVUBJ2
7/1/2025	SAMANTHA DIEHL	\$284.94	B&H PHOTO 800-606-6969

TOTAL

\$16,115.88

ACH Transactions

Date	Payee	Amount	Purpose
6/12/2025	MCT Utilities	\$ 2,177.28	Water/Sewer Utility Transactions
6/12/2025	Gallagher Benefit Services	\$ 3,250.00	Employee Vision Insurance
6/13/2025	Nationwide	\$ 10,613.96	Payroll Deductions 6/13/2025
6/13/2025	Alerus	\$ 61,745.70	Payroll Deductions 6/13/2025
6/17/2025	ELAN	\$ 21,155.10	Credit Card Payment
6/25/2025	Blue Care Network	\$ 41,889.88	Employee Health Insurance
6/25/2025	Various Financial Institutions	\$ 375,442.41	Payroll Deductions 6/27/2025
6/26/2025	IRS	\$ 134,409.10	Payroll Taxes 6/27/2025
6/27/2025	Nationwide	\$ 10,761.60	Payroll Deductions 6/27/2025
6/27/2025	Alerus	\$ 59,023.11	Payroll Deductions 6/27/2025
6/27/2025	MERS	\$ 510,012.48	Employee Retirement
6/30/2025	First American	\$ 1,040.65	Employee Vision Insurance
6/30/2025	State of Michigan	\$ 40,398.62	State Payroll Taxes June 2025
7/1/2025	Health Equity	\$ 152,525.05	Employee Health Savings
7/1/2025	Consumer Energy	\$ 2,248.42	Utility Transaction Fees
7/3/2025	Blue Care Network	\$ 88,001.62	Employee Health Insurance
Total ACH Payments		\$ 1,514,694.98	

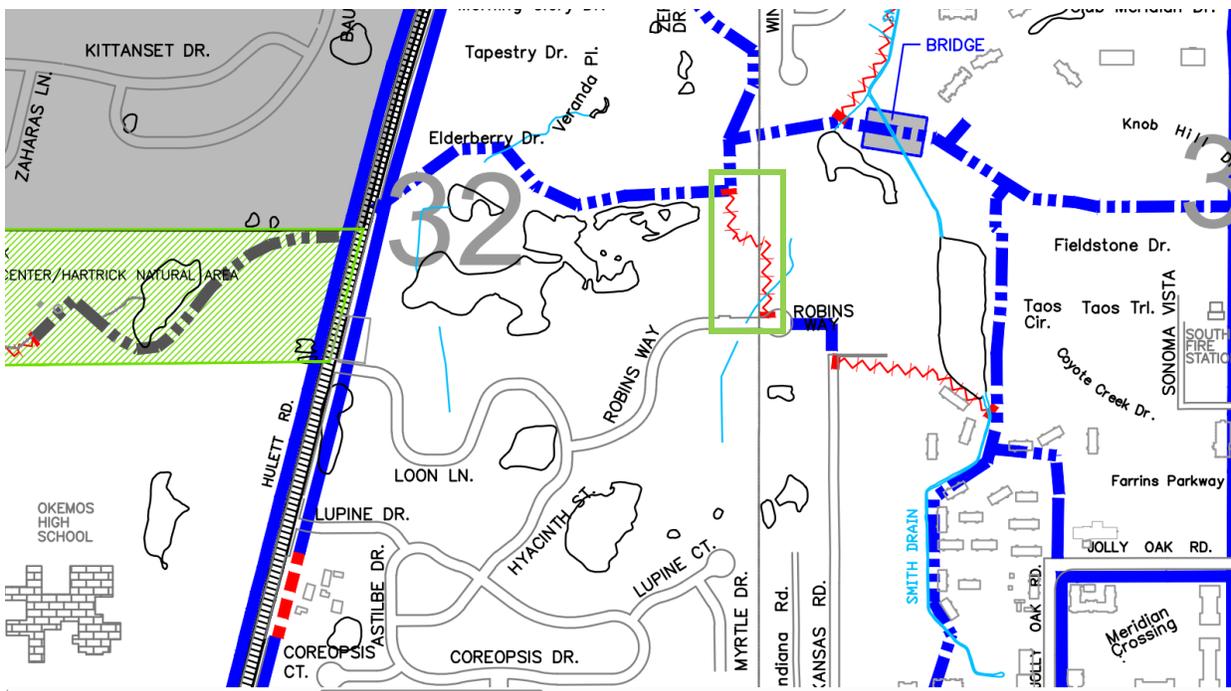
To: Board Members

From: Dan Opsommer, Deputy Township Manager
Director of Public Works and Engineering

Date: June 12, 2025

Re: Sanctuary II Pathway License Agreement with Consumers Energy

As part of the Sanctuary II development located off of Robins Way, the developer must construct the future pathway as shown on the Master Plan that will connect the Sanctuary neighborhood to the Ronald J. Styka Memorial Trail (previously known at the Hartrick Okemos Trail). This project will also create an addition connection between the Okemos Preserve neighborhood and the Ronald J. Styka Memorial Trail, as shown below by the red line inside the green rectangle:



Before the Board this evening is the license agreement the Township enters into with Consumers Energy when constructing a trail through the Consumers Energy right-of-way. As is customary with these license agreements, the Township will pay an annual fee. The annual fee for this agreement will be \$100 per year.

We currently anticipate that the developer will construct this pathway/off-road trail at some point in 2025.

Memo to Township Board

June 12, 2025

Re: Sanctuary II Pathway License Agreement with Consumers Energy

We are happy to answer any questions the Board may have.

The following motion has been prepared for the Board's consideration:

**MOVE TO APPROVE THE LICENSE AGREEMENT WITH CONSUMERS ENERGY AND
DIRECT THE TOWNSHIP SUPERVISOR AND CLERK TO EXECUTE THE AGREEMENT.**

Attachment:

1. License Agreement MI00000085885-ING-E Between Consumers Energy and Meridian Township

and maintain utility facilities and other structures on, over, under, and across the Premises or the adjoining land. Consumers shall have no obligation to refrain from using, or to modify the manner of its use of, the Premises or the adjoining land, whether or not such use interferes with, detracts from, or is otherwise inconsistent with Licensee's use of the Premises pursuant to this Agreement. Consumers shall have the right of access to the Premises at any time, and Licensee shall construct and locate any and all fences and barricades Consumers permits on the Premises so as not to interfere with Consumers' use of the Premises or the adjoining land. In using the Premises or the adjoining land, Consumers shall not be responsible to Licensee for any damage to Licensee's improvements on the Premises resulting from Consumers' use of the Premises or the adjoining land. Consumers may require Licensee to temporarily close the trail for such periods as Consumers deems necessary or desirable in connection with its use of the Premises or the adjoining land. If requested by Consumers, Licensee shall post public notices of such closing on the Premises, and Licensee shall be responsible to take appropriate action to enforce the closing, including action to remove trespassers.

3. Consumers shall have the right at any time and for any reason it deems appropriate, in its sole discretion, to require Licensee, at Licensee's expense, to temporarily or permanently relocate the trail, or portions thereof, or other permitted improvements. Relocation may include temporary or permanent removal of portions of the trail from the Premises. Licensee agrees to fully cooperate with such requirement and to use its best efforts to complete such relocation by the date Consumers specifies, which shall be not less than 90 days from the date Consumers notifies Licensee to relocate. Licensee agrees that if Licensee fails to complete the required relocation by the specified date, Consumers shall have the right to relocate and/or modify the trail as necessary to accommodate its facilities or use of the Premises. Licensee shall be responsible to reimburse Consumers for all costs and expenses (including attorney fees) it incurs in making such relocation or modification. Notwithstanding the foregoing, Licensee may seek to avoid a relocation specified by Consumers by offering to pay Consumers for the additional costs and expenses Consumers would incur if Licensee did not make the relocation, which offer Consumers may accept or reject in its sole discretion.
4. Licensee shall post Consumers-approved signs in such places on the Premises as specified by Consumers, identifying the Premises as being owned and/or provided for use by Consumers.
5. Licensee shall not place any trees, shrubs, or other landscaping, or any buildings, benches, viewing platforms, signs, or other structures on the Premises without Consumers' prior written consent, the granting or withholding of which shall be within Consumers' sole discretion.
6. Licensee shall take all measures that Consumers, in its opinion, deems necessary to restrict use of the trail to non-motorized bicycles and pedestrian foot traffic.
7. Licensee shall erect fencing or other suitable barriers and signs reasonably specified by Consumers to prevent trail users from having access to existing or future utility facilities on the Premises or the adjoining land.
8. Licensee shall not remove any trees or shrubs from the Premises without Consumers' prior written consent, the granting or withholding of which shall be within Consumers' sole discretion. However, Licensee may trim and remove branches that impede use of the trail.
9. Licensee's use of the Premises shall at no time create any condition on the Premises that would create a fire hazard or be considered a nuisance. Licensee shall at all times maintain the Premises in a proper, clean, and safe condition. At Consumers' sole discretion, if the trail or the Premises allows or encourages access to other areas of Consumers' property resulting in unwanted activity including but not limited to; dumping, vagrancy, or other nuisances, the Licensee shall be responsible for remedying the situation and/or cleaning and restoring said other area(s) of Consumers' property at their sole liability and expense. If the Licensee does not comply with the obligations of this paragraph within 10 days of notification, Consumers may remedy and restore, and Licensee shall reimburse Consumers for all expenses within 60 days of receiving an invoice from Consumers.

10. Prior to commencing any excavation or digging on the Premises, even for installation of signposts or fence posts, Licensee shall contact the Utility Communications System (Miss Dig), phone number (800) 482-7171, prior to performing any excavation in accordance with Michigan Compiled Law 460.701 et seq., as amended by Public Act 174 of 2013 and any future amendments.
11. Licensee agrees cooperate with Licensor to protect any infrastructure now on or hereafter located on or below the Premises. Suitable means of protection may include the erection and maintenance of barricades or other protection as required by the Licensor. Licensee agrees that the erection and maintenance thereof shall be at Licensee's sole cost and expense.
12. Vehicular activity and storage of equipment or materials shall not be permitted unless in conjunction with the approved use described within this agreement. If approved, vehicular activity and storage of equipment and materials shall not be within 15 feet of any Consumers poles and guy wires or directly under electric lines is prohibited. Vehicular activity and storage of equipment or materials within 30 feet or directly over any Consumers pipeline is prohibited. A minimum of 5 feet of cover or appropriate bridging is required to cross any Consumers pipeline. Paralleling traffic shall maintain a minimum distance of 15 feet of any Consumers pipeline. Operation of motor vehicles for recreational purposes is not permitted under any circumstances. MIOSHA standards shall be observed, if more stringent.
13. Licensee shall comply with all local, county, state and federal ordinances, regulations, laws, and statutes. Licensee is solely responsible for obtaining any required governmental permits or authorizations for its approved activities at the Premises. In seeking such permits, Licensee shall identify itself as the applicant and responsible party and identify Consumers only as the owner of the Premises. Licensee shall at all times maintain the Premises in a proper, clean, and safe condition.
14. Licensee shall not dispose or suffer to be disposed of any waste material on Consumers' land and shall not use, store, or maintain, or suffer to be used, stored, or maintained, on Consumers' land any material that is or may be or become hazardous to human health or the environment or the storage, treatment, or disposal of which is regulated by any governmental authority without Consumers' prior written consent, the granting or withholding of which shall be within Consumers' sole discretion. If use of Consumers' land as permitted in this Agreement results in the presence on or under Consumers' land (which includes but is not limited to the underlying groundwater) of contaminants, hazardous waste, hazardous substances or constituents, or toxic substances, as currently or hereafter defined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 USCA 9601 et seq; the Resource Conservation and Recovery Act (RCRA), 42 USCA 6901 et seq; the Toxic Substances Control Act (TSCA), 15 USCA 2601 et seq; the Michigan Natural Resources and Environmental Protection Act, MCL 324.101 et seq; or any other similar existing or future statutes, Licensee shall, at no cost to Consumers, promptly take: 1) all actions required by any federal, state, or local governmental agency or political subdivision, and 2) all actions required to restore Consumers' land to the condition existing prior to the introduction of such contaminants, hazardous waste, hazardous substances or constituents, or toxic substances, notwithstanding any lesser standard of remediation allowable under applicable law or governmental policies. The actions required by Licensee pursuant to this paragraph include but are not be limited to: a) the investigation of the environmental condition of Consumers' land; b) the preparation of any feasibility studies, reports, or remedial plans required by law or governmental policy, and c) the performance of cleanup, remediation, containment, operation, maintenance, monitoring, or restoration work, whether on or off Consumers' land. Licensee shall proceed continuously and diligently with such investigatory and remedial actions. Licensee shall promptly provide to Consumers, free of charge, copies of all test results and reports generated in connection with the above activities and copies of all reports submitted to any governmental entity. No cleanup, remediation, restoration, or other work required to be performed pursuant to this paragraph shall require or result in the imposition of any limitation or restriction on the use of Consumers' land without Consumers' prior written consent, the granting or withholding of which shall be within Consumers' sole discretion. Additionally, Licensee shall indemnify, defend, and hold Consumers, its officers, employees, agents, affiliates, and parent corporation, harmless from and against any and all losses, liabilities, claims, damages, payments, actions, recoveries, settlements, judgments, orders, costs, expenses, attorney fees, penalties, fines, encumbrances, and liens arising out of: A) the

presence on or beneath Consumers' land and the underlying groundwater, of contaminants, hazardous waste, hazardous substances or constituents, or toxic substances, as currently or hereafter defined in CERCLA, RCRA, TSCA, NREPA, or any other similar existing or future statutes, as a result of use of the Premises pursuant to this Agreement; B) Licensee's violation or alleged violation of any federal, state, or local law related directly or indirectly to the use of Consumers' land pursuant to this Agreement; or 3) Licensee's failure to comply with the terms and conditions of this Agreement; provided, that Licensee's indemnification obligation shall not extend beyond the limitations placed on a governmental body or employee to indemnify another pursuant to law, and such obligation shall not abrogate or diminish Licensee's defense of governmental or sovereign immunity against any party, including Consumers. The provisions of this paragraph shall survive the termination of this Agreement.

15. In the event that Licensee at any time discovers or otherwise learns of the existence on Consumers' land of any contaminant, hazardous substance, hazardous waste, or hazardous constituent or any object that is likely to contain a contaminant or hazardous substance, waste, or constituent (such as vehicle tires, junk vehicles, storage tanks, barrels, cans, and similar containers), Licensee shall promptly notify Consumers thereof. Licensee shall also promptly notify Consumers of the occurrence of a spill or other release of a contaminant or hazardous substance, waste, or constituent on Consumers' land. For purposes of this notice requirement, a hazardous substance includes (but is not limited to) any substance the storage, treatment, or disposal of which is regulated by a governmental authority. Examples of contaminants or hazardous substances, waste, or constituents are oil, gasoline, chlorinated solvents, vehicle tires, paint, and sandblasting material. This notice requirement applies regardless of who caused the spill or release. Licensee shall send such information to Consumers' Environmental Department, 1945 West Parnall Road, Jackson, Michigan 49201, 517-788-2986.
16. Licensee accepts the Premises in their present condition and acknowledges that Consumers has made no representations as to the condition thereof. Consumers shall not be liable for any damages arising from the acts or omissions of Licensee or its invitees or users of the Premises. Licensee shall be solely responsible to arrange for the provision of police protection as may be required to maintain law and order on the Premises and to comply with the provisions of this Agreement. Licensee agrees to indemnify and hold Consumers, and its successors and assigns, harmless from and against all actions, claims, liability, losses, expenses, and attorney fees for injury to or death of any person or persons and loss or damage to the property of any person or persons whomsoever, including the parties hereto and their agents, contractors, subcontractors, employees, and invitees, arising in connection with or as a direct or indirect result of Licensee's use of the Premises pursuant to this Agreement, whether due or claimed to be due to Licensee's negligence, Consumers' negligence, the negligence of both Consumers and Licensee, the negligence of any other person, or otherwise, except for Consumers' sole negligence; provided that the City's indemnification obligation pursuant to this paragraph shall not extend beyond the limitations placed on a governmental body or employee to indemnify another pursuant to law and shall not abrogate or diminish the City's defense of governmental or sovereign immunity against any party, including Consumers. The provisions of this paragraph shall survive the termination of this Agreement.
17. Licensee shall maintain in force at all times while this License is in effect a policy of Commercial General Liability Insurance with a minimum limit of \$1 million each occurrence. Said policy shall: (a) be written on an "occurrence" form basis; (b) include Consumers Energy Company, its directors, officers and employees as an additional insured; (c) include contractual liability; and (d) be primary and noncontributory to any insurance or self-insurance maintained by the additional insureds. Prior to use of the Premises and on or before each insurance policy renewal date Licensee shall submit a Certificate of Liability insurance to Consumers Energy Company, Corporate Insurance Department via InsuranceCertificates@cmsenergy.com. The Certificate of Liability Insurance must designate that the policy includes the required additional insureds. Licensee shall provide immediate notice to Consumers if it receives any notice of cancellation or nonrenewal from its insurer.
18. Licensee shall insert in all contracts, and require to be inserted in all subcontracts, at any time let in connection with work to be performed on the Premises, the requirement that the contractor or subcontractor assume all liability for and protect, indemnify, and save Consumers harmless from and

against all actions, claims, liability, losses, expenses, and attorney fees for injury to or death of any person or persons and loss or damage to the property of any person or persons whomsoever, including the parties hereto and their agents, contractors, subcontractors, employees, and invitees, arising in connection with or as a direct or indirect result of Licensee's use of the Premises. The provisions of this paragraph shall apply to each and every such injury, death, loss, and damage, however caused, whether due, or claimed to be due, to Licensee's negligence, Consumers' negligence, the negligence of any such contractor or subcontractor, the combined negligence of either or both of the parties hereto and any one or more of said contractors or subcontractors, the negligence of any other person, or otherwise. Further, Licensee shall require all contractors and subcontractors at any time employed in connection with any work to be done on the trail to maintain in full force and effect a policy of Comprehensive General Liability Insurance with a minimum combined bodily injury and property damage single limit of \$1,000,000 per occurrence, written so as to provide coverage for collapse, explosion, and underground hazards, which insurance shall either include a Cross Liability Endorsement or shall not preclude recovery by a named insured as a result of the negligence of any other named insured under said policy. Said policy of insurance shall be written by an insurance company authorized to do business in the State of Michigan and shall name Consumers Energy Company as an additional insured.

19. The license hereby granted to Licensee is personal to Licensee. Licensee may not assign or otherwise transfer its interest in this Agreement to any third party; nor will its interest under this Agreement inure to Licensee's successors or assigns.
20. This License is given subject to any existing leases, licenses, easements and other interests in the premises, whether or not of record. Licensee is responsible to give required notices, to secure necessary consents and permits from existing lessees, licensees, easement owners, and owners of other interests, and to comply with requirements of such existing leases, licenses, easements, and other instruments.
21. Notwithstanding any contrary provision in this License, either party may at any time and for any reason terminate this Agreement by giving the other 30 days written notice of termination; provided, however, that Consumers agrees not to terminate this Agreement for a period of 10 years following the commencement of this License, other than for Licensee's failure to comply with the terms of this Agreement within 30 days after written notice from Consumers of such failure or if termination is required by any applicable law, rule, or regulation or other circumstances beyond Consumers' reasonable control. Notice of termination to Consumers shall be given to: Consumers Energy Company, Real Estate Asset Management Department, One Energy Plaza, Jackson, MI 49201. Notice of termination to Licensee shall be given to Dan Opsommer - Public Works Director/ Deputy Township Manager, 5151 Marsh Road, Okemos, MI 48864, opsommer@meridian.mi.us, 517-853-4440. Either Consumers or Licensee may change the designated address or addressee for such notice by notifying the other of such change.
22. Upon termination of this Agreement, Licensee shall take all actions necessary to immediately terminate public use of the Premises. If Licensee fails to do so, Consumers shall have the right to take whatever actions it deems necessary to terminate public use. Upon termination of this Agreement, Licensee may remove any and all improvements erected by Licensee on the Premises, and shall remove such improvements if so requested by Consumers. If Consumers requests removal of such improvements, Licensee shall remove such improvements within such period of time as the parties agree to but no event more than 6 months following such request. If Licensee fails to do so, Licensee shall reimburse Consumers for the cost of such removal, on demand from Consumers.
23. Unless stated otherwise, all requirements for notice contained in this Agreement shall be deemed to require notice in writing and service by: a) personal service, with service being effective upon delivery; b) United States certified mail, return receipt requested, with service being effective on the date of receipt; c) telecopy, facsimile, or other form of telecommunication, with service being effective on receipt; or d) recognized overnight courier service, with service being effective on delivery.

24. This License may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the parties with respect to this License, including this License, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

IN WITNESS WHEREOF, Consumers and Licensee have caused this instrument to be executed by their duly authorized representatives on the dates indicated below.

Consumers Energy

Signature: _____

By: _____

Its: Land Manager

Licensee/Charter Township of Meridian

Signature: _____

By: Scott Hendrickson

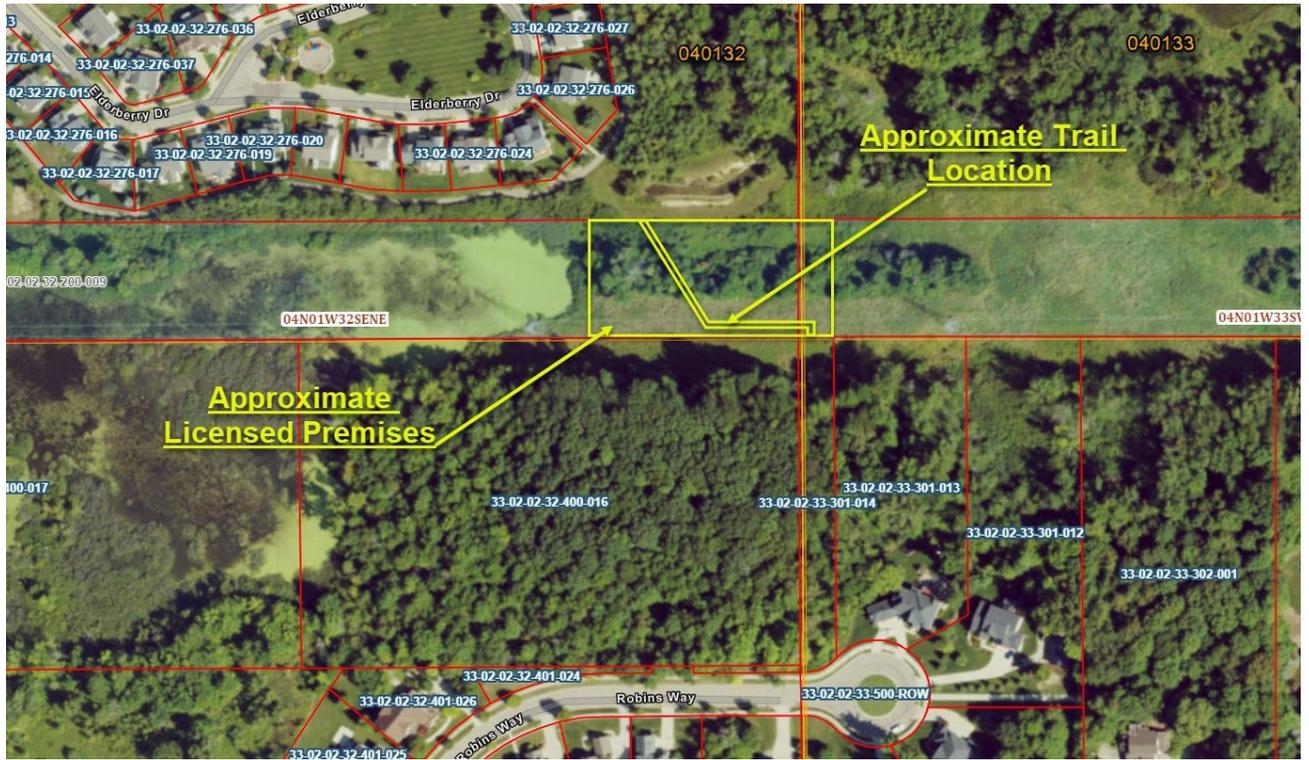
Its: Supervisor

Signature: _____

By: Angela Demas

Its: Clerk

Exhibit A



A parcel of land owned by Consumers Energy 165 ft. in width N-S and located in the SE 1/4 of the SE 1/4 of the NE 1/4 of Section 32, and the SW 1/4 of the SW 1/4 of the NW 1/4 of Section 33, all located in T4N, R1W, Meridian Township, Ingham County, Michigan as shown above.

UTILITY COMPANY	UTILITIES
AT&T 337 N. ABBOTT, RM. 301 EAST LANSING, MI 48823 517.337.3660	TELEPHONE
CONSUMERS ENERGY 530 W. WILLOW ST. P.O. BOX 30162 LANSING, MI 48909 517.373.8100	GAS ELECTRIC
COMCAST 1070 TROWBRIDGE ROAD EAST LANSING, MI 48823 517.332.1012	CABLE TV
MERIDIAN TOWNSHIP 5151 MARSH RD. OKEMOS, MI 48864 517.853.6440	WATER MAINS SANITARY SEWER PATHWAYS
WOLVERINE PIPE LINE 8102 VALLEYWOOD LANE PORTLAND, MI 49024-4251 231.523.9491	PETROLEUM PIPELINE
INGHAM COUNTY DRAIN COMMISSIONER 107 BUCK ST. MASON, MI 48854 517.676.8395	DRAINS STORM SEWER
INGHAM COUNTY ROAD DEPT 30108 ST. MASON, MI 48854 517.676.9722	PUBLIC ROADS AND RIGHTS OF WAY

SOIL EROSION & SEDIMENTATION CONTROL NOTES

- All soil erosion and sediment control (SESC) work shall conform to the standards and specifications of the Ingham County Drain Commissioner's Office and Meridian Township.
- Daily inspections shall be made by the contractor for effectiveness of SESC measures. Any necessary repairs shall be performed without delay.
- Erosion of any sediment from work on the site shall be contained on-site and not allowed to collect on any off-site areas or in waterways. Waterways include both natural and man-made open ditches, streams, storm drains, levees, ponds, and wetlands.
- The Contractor shall apply temporary SESC measures when required and as directed on these plans. The Contractor shall remove temporary measures as soon as permanent stabilization of slopes, ditches, and other channels have been established.
- Sloping the work shall be done by the Contractor as directed in these plans and as required to ensure progressive stabilization of disturbed earth.
- Soil erosion control practices shall be established in the early stages of construction by the Contractor. Sedimentation control practices shall be applied as a perimeter defense against any transporting of soil off the site.
- The Contractor shall preserve natural vegetation as much as possible.
- Vegetative stabilization of all disturbed areas shall be established within 15 days of completion of the final grading.

SOILS:
 WA - Aubeenaubee-Capac Sandy Loams, 0 to 3 percent slopes
 BR - Boyer sandy loam, 0 to 6 percent slopes
 Co - Consook-Brookston loams
 HgshA - Houghton Muck, 0 to 1 percent slopes
 MAC - Filer Fine Sandy Loam, Saginaw Loam, 6 to 12 percent slopes
 MSB - Maska Loam (sand), 2 to 6 percent slopes
 SB - Sebeka Loam, 0 to 2 percent slopes

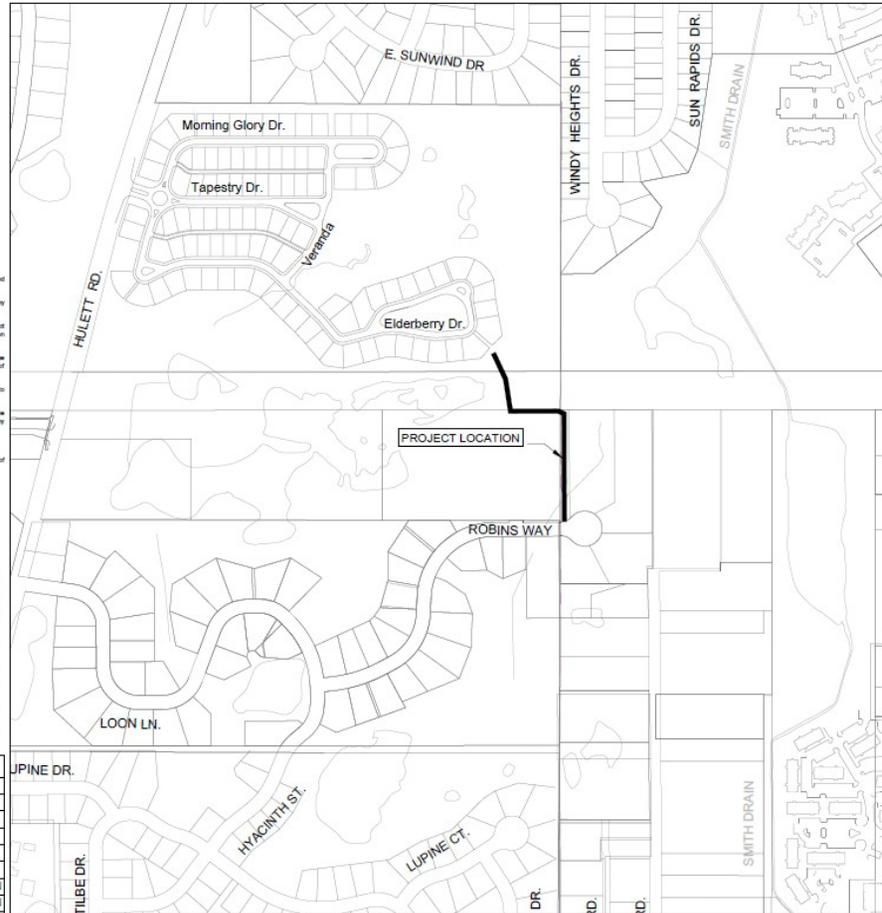
RECOMMENDED CONSTRUCTION SCHEDULING & SEQUENCING	MONTH											
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
INSTALL SESC MEASURES												
ROUGH GRADE FOR TRAIL												
INSTALL CONCRETE TRAIL												
CLEANUP AND RESTORATION												
REMOVE SESC MEASURES												

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	OVERALL PATHWAY SITE PLAN
3	PATHWAY SITE PLAN
4	PATHWAY SITE PLAN
5	PATHWAY SITE PLAN
6	CULVERT PROFILE AND CROSS SECTION
7	CULVERT PROFILE AND CROSS SECTION
8	PATHWAY STANDARD DETAIL SHEET
9	TYPICAL SECTION

**SANCTUARY III PATHWAY
CONSTRUCTION PLANS
FOR
MERIDIAN TOWNSHIP
INGHAM COUNTY, MICHIGAN**



Call 811 before you dig.



STANDARD CONSTRUCTION NOTES

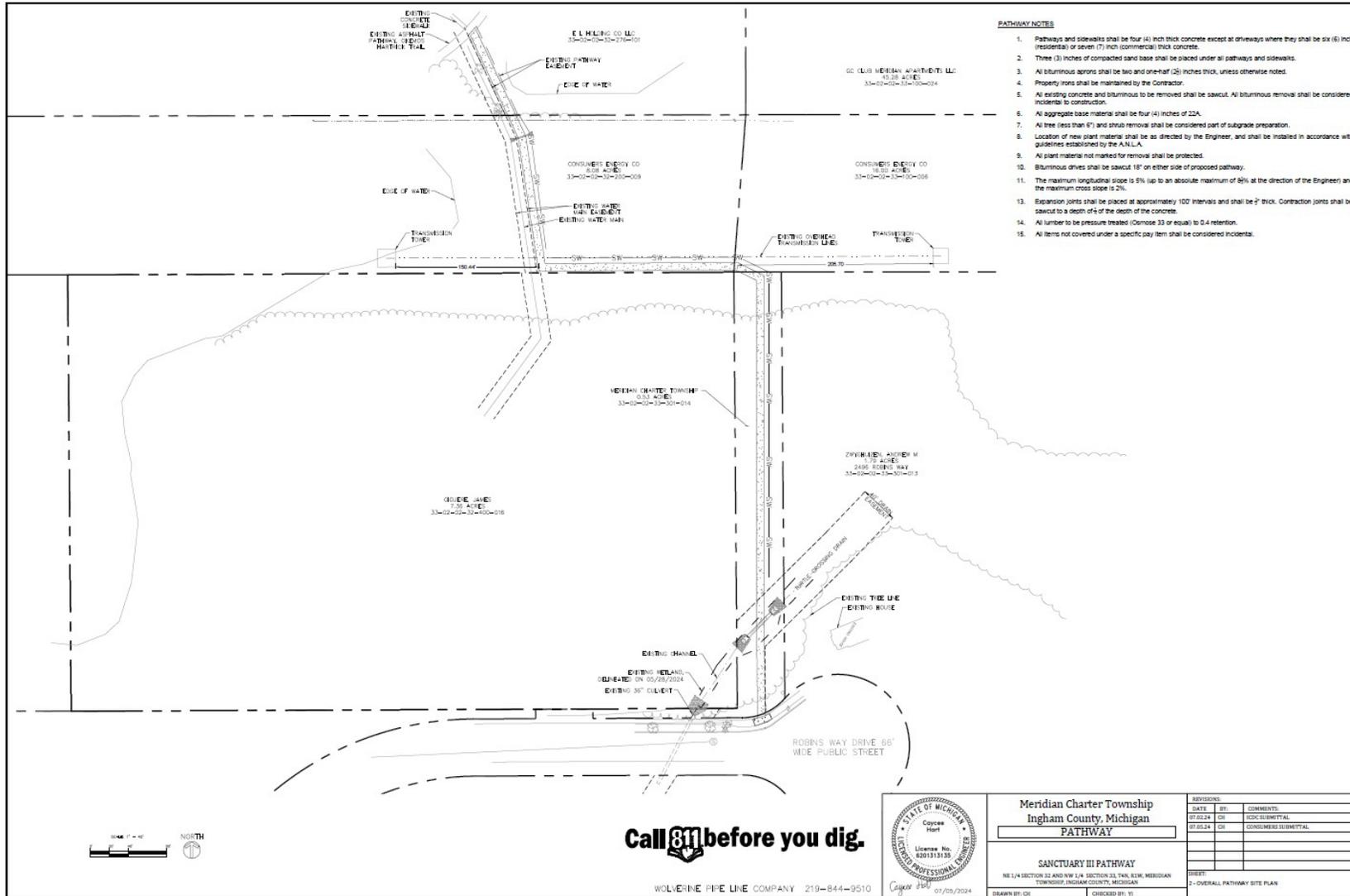
- The Contractor shall notify the Charter Township of Meridian, Department of Public Works, Office of Engineering 617-853-4440 a minimum of 72 hours prior to the start of construction of public utilities or of construction within the public right-of-way.
- All construction shall conform to the current standards and specifications of the Charter Township of Meridian which are included as part of these plans in effect at the time of construction.
- After the completion of construction of public utilities or construction within public right-of-way, the contractor must request a final inspection. Any punchlist items resulting from the final inspection must be resolved prior to final release and acceptance.
- The existing utilities indicated on the plans are in accordance with available information. It shall be the contractor's obligation to verify the exact location of all existing utilities, which might affect this job.
- The contractor shall notify "811" prior to 4:00-4:30 PM at least 72 hours prior to the start of construction.
- The contractor shall at all times be aware of inconvenience caused to the adjoining property owners and the general public. Where the contractor does not remedy undue inconveniences, the Charter Township of Meridian, upon four hours notice, reserves the right to perform the work and deduct the cost therefrom from the money due the contractor.
- A Registered Land Surveyor provided by the contractor at the contractor's expense shall replace all property irons and monuments disturbed or destroyed by the contractor's operations.
- Contractor shall provide Charter and Township Engineer a copy of written permission to use private property for storage of equipment and materials or for his construction operations.
- Trench backfill under existing or proposed roadways, driveways, and parking areas, shall be sand or gravel, placed in 12" layers (maximum) and consolidated to 95% of maximum density as measured by modified proctor unless otherwise noted.
- Trees and shrubs are to be protected during construction and bored where necessary.
- Existing fences shall be removed and restored to their original condition or better where in conflict with construction.
- Driveways, culverts, ditches, drain tile, tile fields, drainage structures, etc., that are disturbed by the contractor's operations shall be immediately restored.
- All established lawn areas disturbed by the contractor's operations shall be reseeded with matching seed. All other areas shall be seeded and mulched. Seeding and mulching shall be done in accordance with the General Specifications.
- All ditch slopes shall have established vegetation and be protected from erosion.
- All utility poles in close proximity to construction shall be supported in a manner satisfactory to the utility owner.
- On-site parking and sanitary facilities shall be provided for construction workers. The facilities shall be constructed and operated with minimal impact to the surrounding area to the satisfaction of the Township.

PATHWAY NOTES

- Pathways and sidewalks shall be four (4) inch thick concrete except at driveways where they shall be six (6) inch (residential) or seven (7) inch (commercial) thick concrete.
- Three (3) inches of compacted sand base shall be placed under all pathways and sidewalks.
- All bituminous aprons shall be two and one-half (2 1/2) inches thick, unless otherwise noted.
- Property irons shall be maintained by the Contractor.
- All existing concrete and bituminous to be removed shall be sawcut. All bituminous removal shall be considered normal to construction.
- All aggregate base material shall be four (4) inches of 22A.
- All tree (less than 6") and shrub removal shall be considered part of subgrade preparation.
- Location of new plant material shall be as directed by the Engineer, and shall be installed in accordance with guidelines established by the A.N.L.A.
- All plant material not marked for removal shall be protected.
- Bituminous drives shall be sawcut 18" on either side of proposed pathway.
- The maximum longitudinal slope is 5% (up to an absolute maximum of 6% at the direction of the Engineer) and the maximum cross slope is 2%.
- Expansion joints shall be placed at approximately 100' intervals and shall be 2" thick. Contraction joints shall be sawcut to a depth of 1/2 of the depth of the concrete.
- All lumber to be pressure treated (Comose 33 or equal) to 0.4 retention.
- All items not covered under a specific pay item shall be considered incidental.



Exhibit B



- PATHWAY NOTES**
1. Pathways and sidewalks shall be four (4) inch thick concrete except at driveways where they shall be six (6) inch incidental or seven (7) inch commercial thick concrete.
 2. Three (3) inches of compacted sand base shall be placed under all pathways and sidewalks.
 3. All bituminous aprons shall be two and one-half (2½) inches thick, unless otherwise noted.
 4. Property irons shall be maintained by the Contractor.
 5. All existing concrete and bituminous to be removed shall be sawcut. All bituminous removal shall be considered incidental to construction.
 6. All aggregate base material shall be four (4) inches of 22A.
 7. All trees (less than 6") and shrub removal shall be considered part of subgrade preparation.
 8. Location of new plant material shall be as directed by the Engineer, and shall be installed in accordance with guidelines established by the A.N.L.A.
 9. All plant material not marked for removal shall be protected.
 10. Bituminous drives shall be sawcut 18" on either side of proposed pathway.
 11. The maximum longitudinal slope is 5% (up to an absolute maximum of 6% in the direction of the Engineer) and the maximum cross slope is 2%.
 12. Expansion joints shall be placed at approximately 100' intervals and shall be 2" thick. Contraction joints shall be sawcut to a depth of 4" of the depth of the concrete.
 13. All lumber to be pressure treated (Comose 33 or equal) to 0.4 retention.
 14. All items not covered under a specific pay item shall be considered incidental.



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510

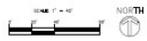
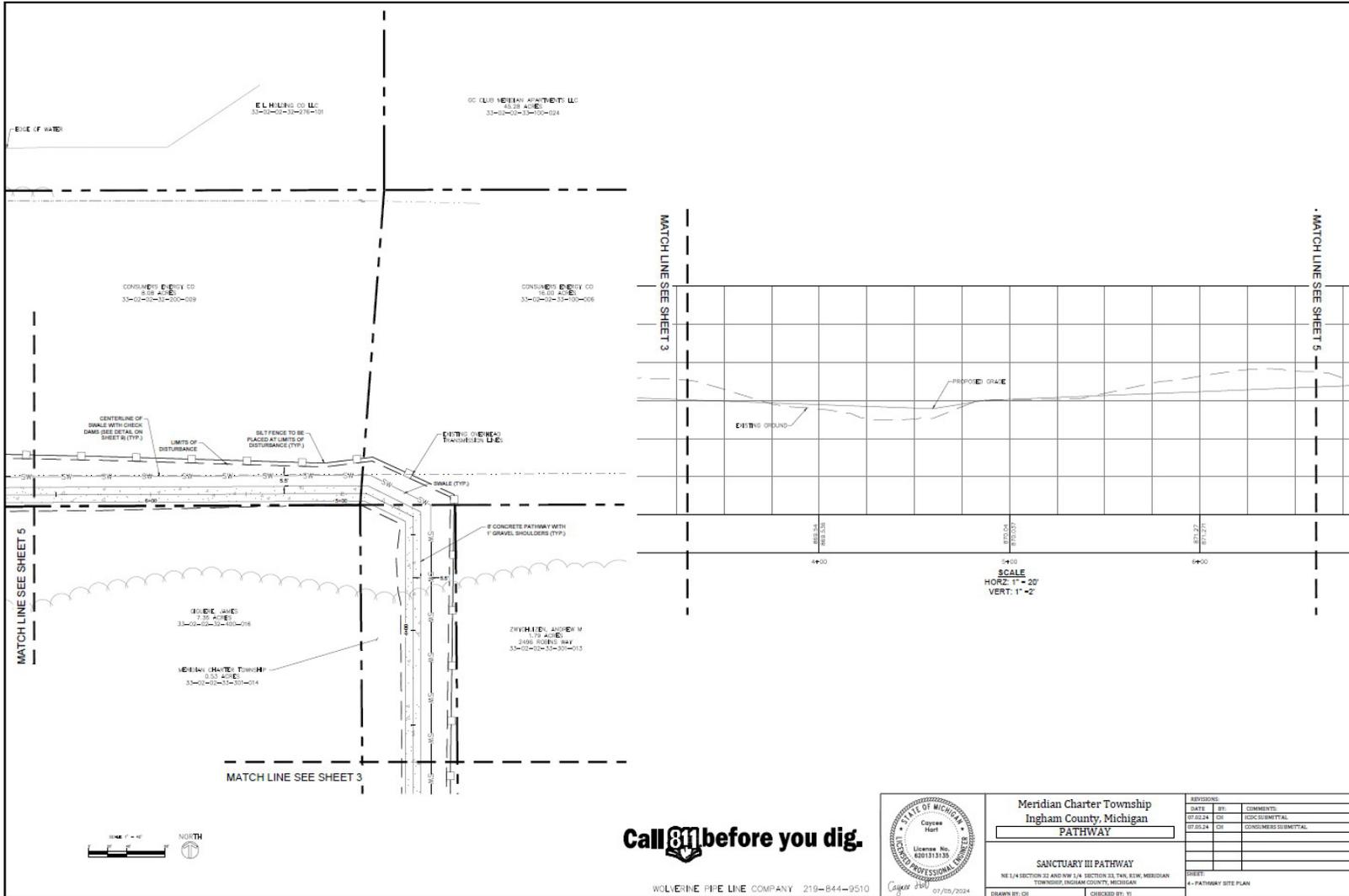


Meridian Charter Township
Ingham County, Michigan
PATHWAY

SANCTUARY III PATHWAY
NE 1/4 SECTION 22 AND NW 1/4 SECTION 23, T4N, R16W, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN

REVISIONS	DATE	BY	COMMENTS
07.02.24	CH	100% SUBMITTAL	
07.02.24	CH	CONSUMER SUBMITTAL	

DRAWN BY: CH
CHECKED BY: YJ



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan
PATHWAY

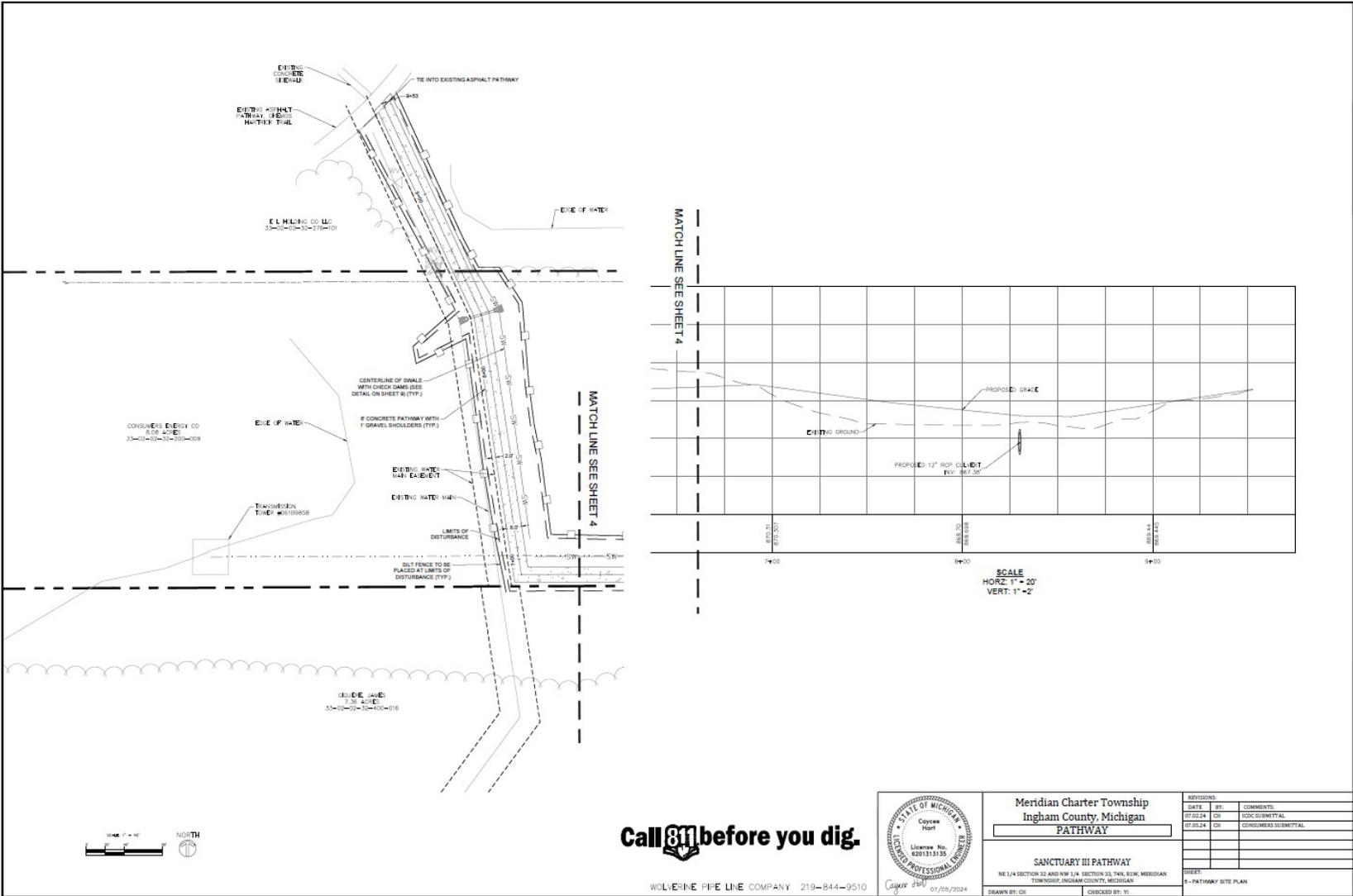
SANCTUARY III PATHWAY
NE 1/4 SECTION 23 AND SW 1/4 SECTION 25, T4N, 36W, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN

DRAWN BY: DJL CHECKED BY: JJ

REVISIONS:		DATE	BY	COMMENTS
07.01.24	CR	07.01.24	CR	ENGINEER SUBMITTAL
07.01.24	CR	07.01.24	CR	CONSUMER SUBMITTAL

PROJECT: 4 - PATHWAY SITE PLAN

Exhibit B (cont.)



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
 Ingham County, Michigan
PATHWAY

SANCTUARY III PATHWAY
 NE 1/4 SECTION 24 AND NW 1/4 SECTION 25, T4N, R10W, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN

REVISIONS	DATE	BY	COMMENTS
	07.02.24	CH	100% SUBMITTAL
	07.05.24	CH	CONSUMERS SUBMITTAL

DRAWN BY: CH CHECKED BY: YI

Exhibit B (cont.)

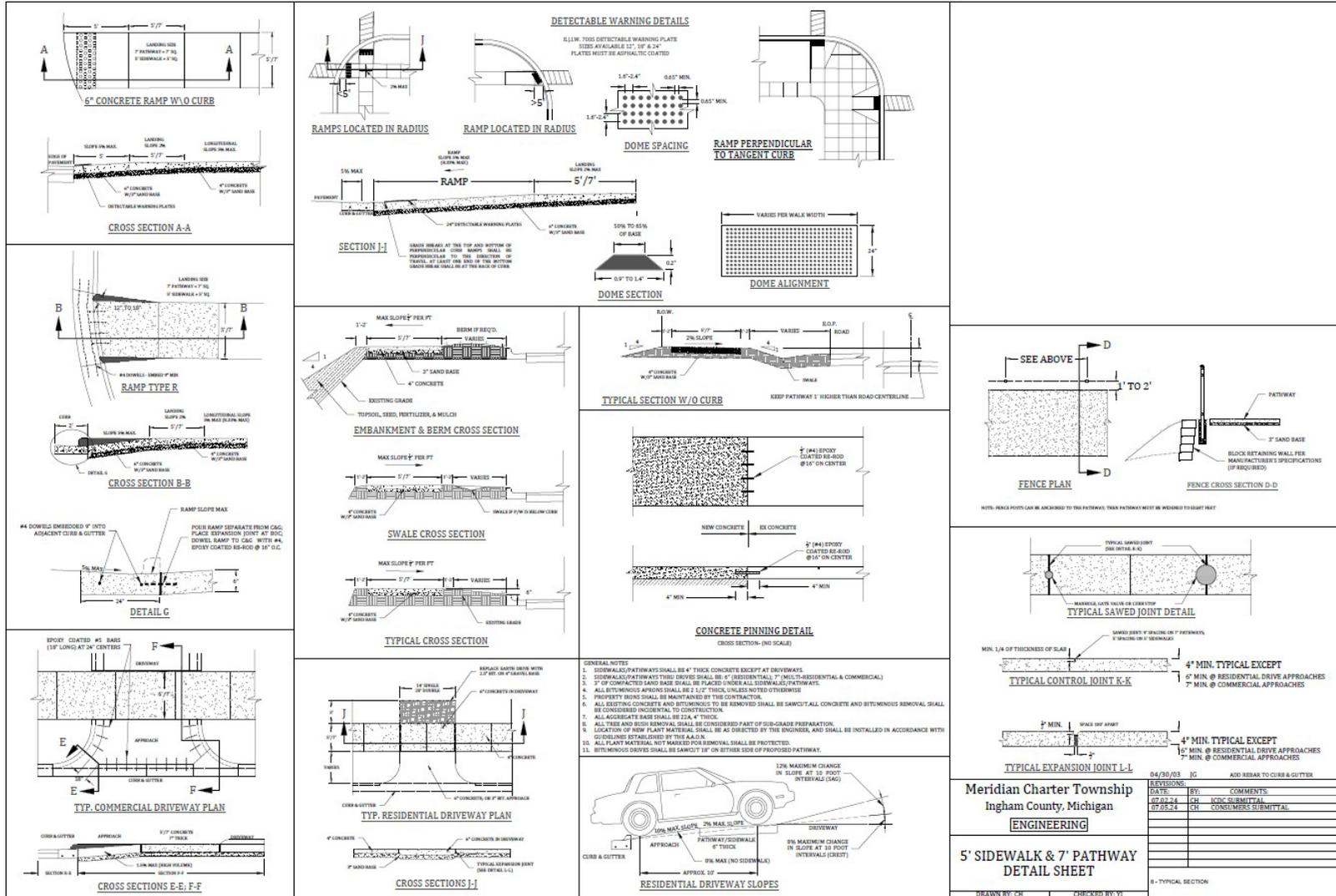
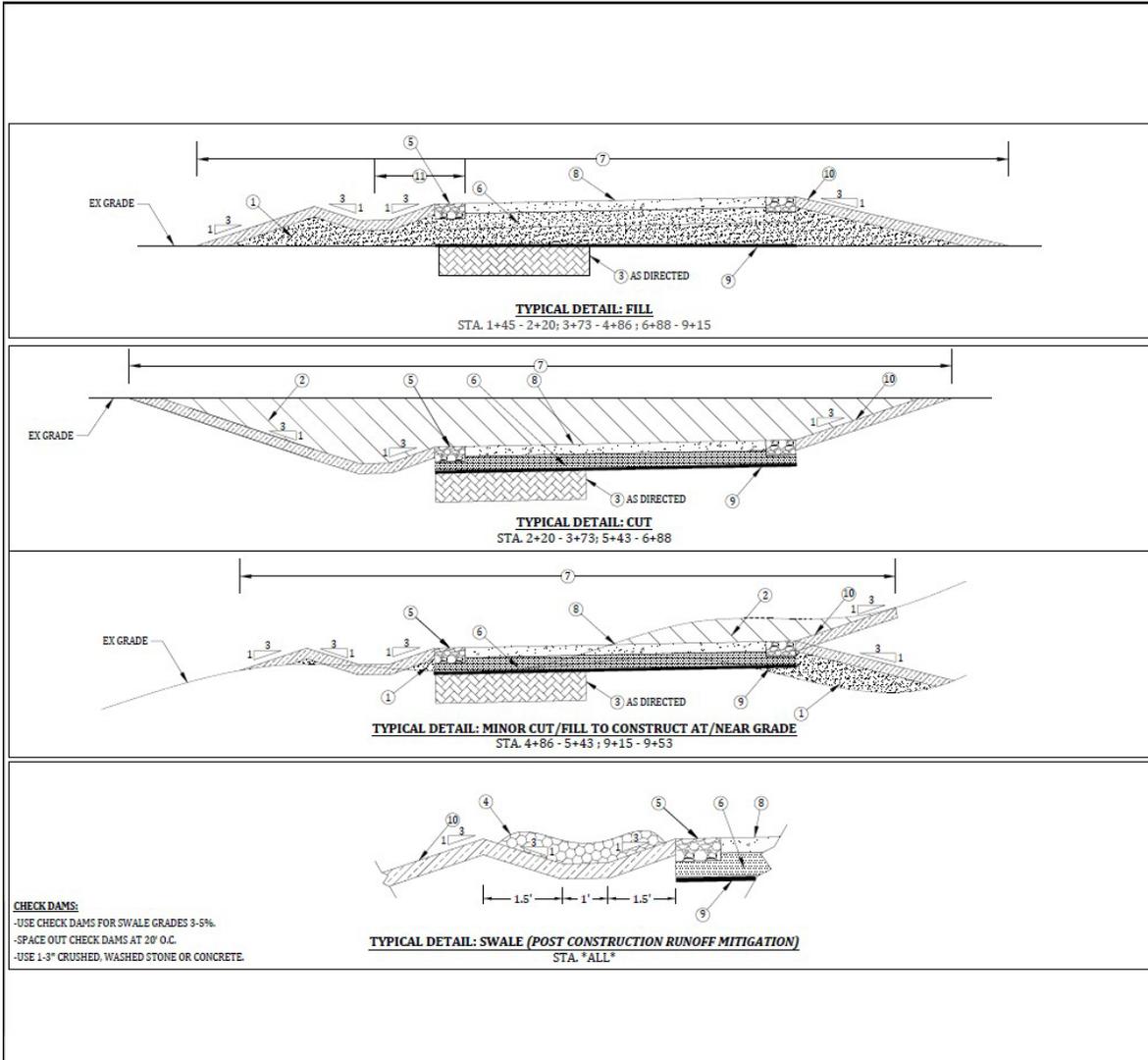


Exhibit B (cont.)



PAY ITEM LEGEND:

- 1 EMBANKMENT, LM
- 2 EXCAVATION, EARTH
- 3 SUBGRADE UNDERCUTTING, TYPE II
- 4 EROSION CONTROL, CHECK DAM, STONE
- 5 SHLD. CL II, 6 INCH (1 FOOT WIDE)
- 6 SHARED USE PATH, AGGREGATE (6 INCH DEEP)
- 7 SHARED USE PATH, GRADING
- 8 SHARED USE PATH, CONCRETE
- 9 CHEMICAL ROOT INHIBITOR
- 10 SITE RESTORATION (3" SCREENED TOPSOIL)
- 11 DISTANCE FROM EDGE OF PATHWAY TO CENTERLINE OF THE TRAIL VARIES, SEE PLAN

GENERAL NOTES:

- CROSS-SECTIONS ARE NOT TO SCALE.
- CROSS-SECTIONS ARE LOOKING DOWN-STATION.
- SALVAGE OR REMOVE EXISTING TOPSOIL WITHIN THE GRADING LIMITS, OR AS DIRECTED BY THE ENGINEER. REMOVAL AND DISPOSAL WILL BE PAID FOR AS EXCAVATION, EARTH.
- TOPSOIL FOR SITE RESTORATION MAY BE SALVAGED FROM SITE, BUT MUST BE SCREENED OR RAKED TO REMOVE 1" OR GREATER DEBRIS.
- FOR SITE RESTORATION, USE SEED MEETING MDOT THM MIXTURE.
- EMBANKMENT, LM SHALL BE CLASS II GRANULAR MATERIAL OR ASPHALT MILLINGS.
- SHARED USE PATH, AGGREGATE SHALL BE SAND OR ASPHALT MILLINGS.
- FOR EMBANKMENT, LM AND SHARED USE PATH, AGGREGATE THE CONTRACTOR MAY USE MILLINGS FROM THE STOCKPILE AT MERIDIAN TOWNSHIP'S SERVICE CENTER. THERE ARE MORE THAN ENOUGH MILLINGS FOR ALL OF THE FILL REQUIRED ON THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE THE LABOR AND EQUIPMENT TO LOAD AND TRANSPORT THE MILLINGS FROM THE STOCKPILE LOCATION TO THE CONSTRUCTION SITE.

ESTIMATED CUT/FILL QUANTITIES:
TOTAL CUT- 626 CY
TOTAL FILL- 560 CY

Meridian Charter Township
Ingham County, Michigan
ENGINEERING

DATE	BY	COMMENTS
07.02.24	CH	100% SUBMITTAL
07.06.24	CH	CONSUMERS SUBMITTAL

TYPICAL SECTIONS

2 - TYPICAL SECTION

DRAWN BY: CH CHECKED BY: YI

Exhibit B (cont.)



To: Township Board

From: Timothy R. Schmitt, *AICP*
Director of Community Planning and Development

Date: July 2, 2025

Re: MUPUD 22-14-Haslett Village Square-Extension

The Township Board approved the MUPUD for Haslett Village Square on July 27, 2022. The applicant had two years from that date to commence construction on the project, which started with the issuance of the demolition permit on October 31, 2023. Under the provisions of our ordinance, all construction related to the project must be completed within 36 months from the effective date, which would be July 27, 2025. The Township Board can grant one 12-month extension, which is being requested at this time. Staff is also preparing an ordinance adjustment to grant the Board the ability to further extend projects, similar to plats, which can be granted biannually with no final expiration.

Move to extend the approval for MUPUD 22-14 – Haslett Village Square, for one year, per Section 86-128(d).

Attachment:

1. Request for Extension

To: Meridian Township Board Members

From: SP Holding LLC

Re: Haslett Village Square – Request for Extension of MUPUD Approval

6/18/25

Dear Board Members,

First and foremost, thank you for your continued support and patience as we work to bring the Haslett Village Square project to fruition. Over the past 18 months, we have also been navigating delays related to coordination with the Ingham County Drain Commission, which have extended our anticipated timeline.

Given these unforeseen circumstances, we respectfully request an extension of our MUPUD approval originally granted on July 26, 2022.

We remain committed to this development and look forward to working closely with you in the months ahead as we strive to move the project forward.

Sincerely,



Chad Koster

Member

SP Holding LLC



To: Board Members

**From: Dan Opsommer, Deputy Township Manager
Director of Public Works and Engineering**

Date: June 24, 2025

Re: Gate Valve Replacement 2025 Contract

Township staff recently requested proposals for the installation of three (3) new 16-inch gate valves, one (1) new 20-inch gate valve, and repair of one (1) 8-inch gate valve on Grand River Avenue and Park Lake Road in Meridian Township.

The low bidder was Fonson Company, Inc. Township staff have checked references and recommend awarding this contract to Fonson Company, Inc.

The Board approved funding for this project in the 2025 budget. This project shall be paid out of 591-900.901-974.000.

We are happy to answer any questions the Board may have.

The following motion has been prepared for the Board's consideration:

MOVE TO APPROVE THE CONTRACT WITH FONSON COMPANY, INC. IN THE AMOUNT OF \$417,366.20 AND DIRECT THE TOWNSHIP SUPERVISOR TO EXECUTE THE AGREEMENT.

Attachments:

1. Gate Valve Replacement 2025 Contract
2. Gate Valve Replacement 2025 Contract Bid Tab

GATE VALVE REPLACEMENT 2025

MERIDIAN TOWNSHIP

DEPARTMENT OF PUBLIC WORKS

INGHAM COUNTY, MICHIGAN

GATE VALVE REPLACEMENT 2025

FOR
CHARTER TOWNSHIP OF MERIDIAN

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CHARTER TOWNSHIP OF MERIDIAN

GATE VALVE REPLACEMENT 2025

ADVERTISEMENT FOR BIDS

Sealed proposals will be received by the Charter Township of Meridian, Ingham County, Michigan, at the Meridian Township Clerk's Office, Municipal Building, 5151 Marsh Road, Okemos, Michigan, 48864-1198, Ph. 517.853.4000, up to 11:00 am, local time on Monday, June 5, 2025 for the installation of three (3) new 16-inch gate valves, one (1) new 20-inch gate valve, and repair of one (1) 8-inch gate valve mostly along Grand River Avenue in Meridian Township.

Bids are solicited on a unit price basis. The work involves the following major bid items:

- Isolation of sixteen (16) inch D.I. water main at three (3) locations
- Isolation of twenty (20) inch D.I. water main at one (1) location
- Installation of three (3) 16-inch gate valves
- Installation of one (1) 20-inch gate valve
- Repair of one (1) 8-inch gate valve

Proposals shall include the furnishing of all labor, material, and some equipment to complete the project. Equipment to be furnished by Meridian Township includes:

- Three (3) 16" Gate Valves, Valve Boxes, and MEGALUG Fittings
- One (1) 20" Gate Valve, Valve Box, and MEGALUG Fittings

Work on the project must commence within ten (10) days of issuance of the "Notice To Proceed." Construction shall be completed by November 1st, 2025. Completion is defined as being constructed, tested, placed in service, and the site restored.

Each proposal shall be accompanied by a certified check or a bid bond by a recognized surety company similar to a U.S. Government Standard form bid bond, in the amount of five percent (5%) of the bid, payable to the Charter Township of Meridian, Ingham County, Michigan as security for the acceptance of the Contract.

Insurance and bonds are required from the successful bidder for this project; please see pages G-2 thru G-3 for those requirements. *Please note Owner/Contractors Protective Liability is required for all our contracts.*

The vendor's agreement to pay prevailing wage rates is one relevant consideration that Meridian Township may make in its determination of which bidder should receive this contract. Meridian Township may thus consider in awarding this contract whether any vendor voluntarily pays employees and sub-contractors, directly upon the site of work, at least the prevailing wages and fringe benefits as determined and published by the United States Department of Labor for the Ingham County area.

The contract documents may be examined at the following locations:

- Meridian Charter Township, Dept of Public Works, 5151 Marsh Road, Okemos, MI 48864
- Builders Exchange of Lansing & Central MI, 1240 E. Saginaw St., Lansing, MI 48906-5522
- Builders Exchange of Michigan, 678 Front Ave. NW, Ste. 330, Grand Rapids, MI 49504
- Construction Assoc of MI, 43636 Woodward, Bloomfield Hills, MI 48302
- Dodge Data & Analytics, 2521 E. Michigan Avenue, Lansing, MI 48912-4010

PDF copies of the plans and contract documents can be downloaded from the Township website here: <https://www.meridian.mi.us/government/township-projects>. To be added to the Township's list of prospective bidders, please make sure to contact the Engineering Office, as described below.

Hard copies of the contract documents for the work may be obtained from the Department of Public Works & Engineering at 5151 Marsh Road, Okemos, Michigan, for a non-refundable fee of ten dollars (\$10). There is a five dollar (\$5.00) fee for mailing contract documents. Contract documents may be obtained via email free of charge. Questions regarding this contract may be addressed to Meridian Township Department of Public Works & Engineering by phone at 517.853.4440, or by email at DPW@meridian.mi.us.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any or all bids, to award the Gate Valve Replacement 2025

Contract to other than the low bidder, to award separate contracts for each project and/or phase, to waive irregularities and/or formalities, and in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the Owner.

INSTRUCTIONS TO BIDDERS

1. PROPOSALS

Proposals must be made upon the forms provided, without modifications or changes and all other data submitted as required.

The proposal must be enclosed in a sealed envelope marked "Bid Proposal – Meridian Township Gate Valve Replacement Contract 2025" clearly indicating the name and address of the bidder, and filed at the place and by the time specified in the Advertisement.

2. BASIS OF PROPOSALS

Proposals are solicited on the basis of unit prices for the entire work of the contract. Proposals may be submitted for any one or all of the projects or phases, as may be applicable.

The right is reserved by the Owner to reject any and all bids, to award the Contract to other than the low bidder, to award separate Contracts for each project and/or phase, to waive irregularities and/or formalities, and in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the Owner.

3. BID DEPOSITS

Each proposal shall be accompanied by a certified check, or bid bond from a recognized surety company, in the amount of five percent (5%) of the total amount of the bid, payable to the order of the Owner, to be forfeited to the Owner in case of failure on the part of the successful bidder to enter into the attached form of Contract to do the work covered by such Proposal at the price and within the time stated therein. The bid deposit of all except the successful bidder will be returned within four weeks after opening of bids. The bid deposit of the successful bidder will be returned within 48 hours after the executed Contract has been finally approved by the Owner.

4. QUALIFICATION OF BIDDERS

It is the intention of the Owner to award the Contract(s) to contractor(s) fully capable, both financially and as regards experience to perform and complete all work in a satisfactory manner. Evidence of such competency must be furnished, including a listing of similar projects which the bidder has satisfactorily undertaken and completed.

5. INTERPRETATION OF DOCUMENTS

If the bidder is in doubt as to the true meaning of any part of the plans, specifications or Contract Documents, he may submit to the Engineer a written request for an interpretation thereof. Any interpretation made in response to such query will be mailed or duly delivered to each prospective bidder. The Owner will not be responsible for any other explanation or interpretation of the Contract Documents.

6. REQUIREMENT OF SIGNING BIDS

Bids which are not signed by the individual making them shall have attached thereto a power of attorney evidencing authority to sign the bid in the name of the person for whom it is signed.

Bids, which are signed by a partnership, shall be signed by all of the partners or by an attorney-in-fact. If signed by an attorney-in-fact, there shall be attached to the bid a power of attorney evidencing authority to sign the bid, executed by the partners.

Bids which are signed for a corporation shall have the correct corporate name thereof and the signature of the president or other authorized officers of the corporation manually written below the corporate name following the word "By". If such a bid is manually signed by an officer other than the president of the corporation, a certified copy of a resolution of the board of directors evidencing the

INSTRUCTIONS TO BIDDERS

authority of such official to sign the bid shall be attached to it. Such a bid shall also bear the attested signature of the secretary of the corporation and the corporate seal.

7. EXECUTION OF AGREEMENT

The bidder to whom an award is made will be required to enter into the written contract included herein, within ten (10) calendar days after being notified of the acceptance of his bid and receipt by him of the copies of the documents to be executed. In case of failure to comply with this requirement, he may be considered to have abandoned all his rights and interests in the award and his certified check or amount of bidder's bond may be declared to be forfeited to the Owner and the Contract may be awarded to another bidder.

8. INSURANCE (Ref. General Conditions – GC.2)

The contractor will be required to carry Worker's Compensation Insurance, Bodily Injury and Property Damage, Builder's Risk Insurance and Owner's Protective Liability in the amounts specified in the General Conditions. Certificates of such insurance must be attached to each copy of the executed Contract Documents.

9. BONDS (Ref. General Conditions – GC.1)

The successful bidder will be required to furnish for each set of executed Contract Documents and conformed copies thereof an original completed Performance Bond, and Labor and Material Bond with surety acceptable to the Owner as set forth in the General Conditions.

10. BIDDER'S RESPONSIBILITY FOR EXAMINING PLANS AND SITE

At the time of opening bids, each bidder will be presumed to have made a personal investigation of the site of the work and of existing structures, and to have read and be thoroughly familiar with the plans, specifications and Contract Documents (including all addenda). He shall determine to his own satisfaction the conditions to be encountered, the nature of the ground, difficulties involved in completing the Contract and all factors affecting the work proposed under this Contract.

The bidder to whom this contract is awarded will not be entitled to any additional compensation by reason of his failure to fully acquaint himself with the conditions at the site or by his failure to fully examine the plans, specifications and Contract Documents.

11. NON-DISCRIMINATION IN EMPLOYMENT

The Contractor shall adhere to all applicable Federal, State and local laws, ordinances, rules and regulations prohibiting discrimination with regards to employees and applicants for employment. The contractor and his/her subcontractors shall not discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, including a benefit plan or system or a matter directly or indirectly related to employment, because of race, color, religion, national origin, sex, age, height, weight, condition of pregnancy, marital status, physical or mental limitation, disability, source of income, familial status, educational association, sexual orientation, gender identity or expression, or HIV status. Breach of this section shall be regarded as a material breach of this Contract.

PROPOSAL

TO: Charter Township of Meridian
5151 Marsh Road
Okemos, MI 48864

RE: GATE VALVE REPLACEMENT 2025

Board of Trustees:

The undersigned, as a bidder, hereby declares that these bids are made in good faith, without fraud or collusion with any person or persons bidding on the same Contract, that he has read and examined the Advertisement, Instruction to Bidders, Proposal, Contract, General Conditions, Specifications, Special Provisions and Plans and understands all of the same; that he or his representative has made personal investigation at the site and has informed himself fully with regard to the conditions to be met in the execution of the Contract.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any or all bids, to award the Contract to other than the low bidder, to award separate contracts for each project and/or phase, to waive irregularities and/or formalities, and in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the Owner.

It is further understood and agreed by the undersigned that any qualifying statement or conditions made to this proposal as originally published, as well as any interlineation, erasures, omissions or entered wording obscure as to its meaning, may cause the bid to be declared irregular and may be cause for rejection of the bid.

The undersigned agrees to start work within ten (10) days of issuance of the Notice to Proceed. The undersigned further agrees to complete all work covered by this Proposal to the point of use of the project by the Owner by the completion date stated in the Advertisement or within the number of calendar days stated in the Advertisement; and that for all days thereafter until final acceptance, there will be charged, as liquidated damages, the sum of \$1,000 per calendar day per project for each and every day thereafter until final acceptance.

The undersigned hereby proposes to perform everything required to be performed and to furnish all labor, materials, tools, equipment and all utility and transportation services necessary to complete in a workmanlike manner all the work to be done under this Contract, including addenda thereto, for the sums set forth in the following Bidding Schedule:

GATE VALVE REPLACEMENT 2025

PROPOSAL - Line Stops

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1a.	Traffic Control (Grand River Ave)	1	LS	\$ _____	\$ _____
1b.	Traffic Control (Park Lake Rd)	1	LS	\$ _____	\$ _____
9a.	Pavt, Rem, Concrete	200	SF	\$ _____	\$ _____
9b.	Pavt, Rem, Asphalt	500	SF	\$ _____	\$ _____
31a.	Water Main, 16 inch, Line Stop	6	EA	\$ _____	\$ _____
31b.	Water, Sleeve, 16 inch	3	EA	\$ _____	\$ _____
31c.	Water Main, 20 inch, Line Stop	2	EA	\$ _____	\$ _____
31d.	Water, Sleeve, 20 inch	1	EA	\$ _____	\$ _____
32a.	Water, Gate Valve, 16 inch (Installation)	3	EA	\$ _____	\$ _____
32b.	Water, Gate Valve, 20 inch (Installation)	1	EA	\$ _____	\$ _____
32c.	Water, Gate Valve, 8 inch (Exposure)	1	EA	\$ _____	\$ _____
32d.	Water, Gate Valve, 8 inch (Repair Allowance)	1	EA	\$3,000	\$3,000
40a.	Concrete, 4 inch	200	SF	\$ _____	\$ _____
40b.	Concrete, 7 inch	100	SF	\$ _____	\$ _____
42.	HMA, 13A	30	TN	\$ _____	\$ _____
45a.	Curb & Gutter, Rem	40	FT	\$ _____	\$ _____
45b.	Curb & Gutter, Inst	40	FT	\$ _____	\$ _____
53a.	Erosion Control, Silt Fence	200	FT	\$ _____	\$ _____
53b.	Erosion Control, Inlet Protection, Fabric Drop 5	5	EA	\$ _____	\$ _____
54.	Site Restoration	1	LS	\$ _____	\$ _____

TOTAL BID: \$ _____

GATE VALVE REPLACEMENT 2025

PROPOSAL - Insertion Valve

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1a.	Traffic Control (Grand River Ave)	1	LS	\$ _____	\$ _____
1b.	Traffic Control (Park Lake Rd)	1	LS	\$ _____	\$ _____
9a.	Pavt, Rem, Concrete	200	SF	\$ _____	\$ _____
9b.	Pavt, Rem, Asphalt	500	SF	\$ _____	\$ _____
32c.	Water, Gate Valve, 8 inch (Exposure)	1	EA	\$ _____	\$ _____
32d.	Water, Gate Valve, 8 inch (Repair Allowance)	1	EA	\$ <u>3,000</u>	\$ <u>3,000</u>
32e.	Water, Insertion Valve, 16 inch (Installation)	3	EA	\$ _____	\$ _____
32f.	Water, Insertion Valve, 20 inch (Installation)	1	EA	\$ _____	\$ _____
40a.	Concrete, 4 inch	200	SF	\$ _____	\$ _____
40b.	Concrete, 7 inch	100	SF	\$ _____	\$ _____
42.	HMA, 13A	30	TN	\$ _____	\$ _____
45a.	Curb & Gutter, Rem	40	FT	\$ _____	\$ _____
45b.	Curb & Gutter, Inst	40	FT	\$ _____	\$ _____
53a.	Erosion Control, Silt Fence	200	FT	\$ _____	\$ _____
53b.	Erosion Control, Inlet Protection, Fabric Drop 5	5	EA	\$ _____	\$ _____
54.	Site Restoration	1	LS	\$ _____	\$ _____

TOTAL BID: \$ _____

Give the name of the Owners and dates of other projects which the Bidder has constructed or has had responsible charge of construction:

NAME

DATE

The Bidder acknowledges that his bid is in accordance with the information contained in Addendum No. ____, ____, ____, ____.

The Bidder is hereby reminded that the Pay Items listed under the Bidding Schedule are the only items for which he will receive payment under this Contract. In the event that lesser or greater quantities of specific Pay Items are required to complete the work and place the system in operation, the total amount bid for the specific item will be adjusted by the unit price bid to the actual quantities utilized. In the event that an error is made in extending the unit prices, the Bidder is hereby notified that the unit prices as bid, will govern in determining the Total Base Bid. It is expressly understood and agreed that the Total Base Bid is the basis for establishing the amount of Bid Security on this Proposal and for comparison of bids only and is not to be constructed as a lump sum Proposal.

The undersigned attaches hereto a certified check or bidder's bond in the sum of not less than five percent (5%) of the Total Base Bid as required by the Advertisement and Instructions to Bidders and the undersigned agrees that in case he shall fail to fulfill his obligations under this Proposal and/or shall fail to furnish bonds, as specified, the Owner may, at its option determine that the certified check or amount of said certified check or bidder's bond accompanying this Proposal has been forfeited to the Owner, but otherwise the said certified check or bidder's bond shall be returned to the undersigned upon the execution of the Contract and acceptance of the bond.

The undersigned further agrees that this proposal shall be effective for a period of sixty (60) days from the date established for opening of all bids.

Date _____ Company Name _____

By _____ Address _____
Signature

Printed Name

Title _____ Phone Number _____

Email Address _____

The vendor's agreement to pay prevailing wage rates is one relevant consideration that Meridian Township may make in its determination of which bidder should receive this contract. Meridian Township may thus consider in awarding this contract whether any vendor voluntarily pays employees and sub-contractors, directly upon the site of work, at least the prevailing wages and fringe benefits as determined and published by the United States Department of Labor for the Ingham County area.

Will the bidder voluntarily pay its employees and sub-contractors, directly upon the site of work, at least the prevailing wages and fringe benefits as determined and published by the United States Department of Labor for the Ingham County area. Please circle one below:

Yes or No

GATE VALVE REPLACEMENT 2025

THIS CONTRACT, dated _____, 2025 by and between _____, hereinafter called the "CONTRACTOR", and Meridian Charter Township, 5151 Marsh Road, Okemos, MI 48864-1198, hereinafter called the "OWNER".

WITNESSETH, that the CONTRACTOR and the OWNER for the consideration herein agree as follows:

ARTICLE I. SCOPE OF WORK.

The CONTRACTOR shall perform everything required to be performed and shall provide and furnish all labor, materials, necessary tools, expendable equipment and all utility and transportation services required to perform and complete in a workmanlike manner all the work required for constructing the project as described in the Advertisement and Proposal and for performing all related work for the OWNER, required by and in strict accordance with the plans and specifications, including any and all addenda, and other Contract Documents mentioned and made a part hereof.

ARTICLE II. THE CONTRACT PRICE.

The OWNER shall pay for constructing the project complete with all labor, materials, equipment, appurtenances, surface restoration and related work in strict accord with the Plans and Specifications, ready for use, the unit prices as listed in the Proposal and herein made a part of this Contract. Payment shall be made to the CONTRACTOR in accordance with and subject to the conditions specified under General Conditions.

ARTICLE III. TIME.

Time is of the essence in the performance of this contract. The CONTRACTOR agrees to start work within ten (10) days of issuance of the Notice to Proceed and to fully complete the work so as to permit use of the project by the OWNER within the number of calendar days or by the completion date listed in the Advertisement.

ARTICLE IV. DELAYS AND DAMAGES.

If the CONTRACTOR refuses or fails to prosecute the work, or any separate part thereof, with such diligence as will insure its substantial completion, ready for operation within the number of consecutive calendar days specified herein, or any extension thereof, or fails to complete said work within such time, the OWNER may, by written notice to the CONTRACTOR, terminate the CONTRACTOR's right to proceed with the work or such part of the work as to which there has been delay. In such event, the OWNER may take over the work and prosecute the same to completion by contract or otherwise, and the CONTRACTOR and his sureties shall be liable to the OWNER for any excess cost occasioned thereby. If the CONTRACTOR's right to proceed is so terminated, the OWNER will take possession of and utilize in completing work such materials, appliances, and plant as may be on the site of the work and necessary therefore.

If the OWNER does not terminate the right of the CONTRACTOR to proceed, the CONTRACTOR shall continue to work, in which event the actual damages for the delay will be impossible to determine and in lieu thereof the CONTRACTOR shall pay the OWNER the sum of one thousand dollars (\$1,000.00) per day as fixed, agreed, and liquidated damages for each calendar day of delay until the work is substantially completed, ready for operation and the CONTRACTOR and his sureties shall be liable for the amount thereof. However, the right of the CONTRACTOR to proceed shall not be terminated or the CONTRACTOR charged with liquidated damages because of any delays in the completion of the work due to unforeseeable causes beyond control and without the fault or negligence of the CONTRACTOR, including, but not restricted to acts of God, or of the public enemy, acts of the OWNER, fires, floods, epidemics, quarantine restrictions, delays of subcontractors due to such causes, if the CONTRACTOR shall, within ten (10) days from the beginning of any such delay (unless the OWNER shall grant a further period of time prior to the date of final settlement of the Contract) notify the OWNER in writing of the cause of delay and extend the time for completing the work when, in OWNER's judgement, the finding of fact justify such an extension and OWNER's findings of fact thereon shall be final and conclusive on the parties thereto. In no event shall bankruptcy or labor disputes, or the like, either of CONTRACTOR or any of its subcontractors or suppliers, be considered as an unforeseeable cause beyond the control and without the fault or negligence of the CONTRACTOR.

ARTICLE V. COMPONENT PARTS OF THIS CONTRACT.

This Contract consists of the following component parts, all of which are as fully a part of the Contract as if herein set out verbatim, or, if not attached: 1) Advertisement, 2) Instructions to Bidders, 3) Proposal, 4) Addenda, 5) Contract, 6) Bonds and Insurance, 7) General Conditions, 8) General Specifications, 9) Ingham County Department of Transportation and Roads Specifications, 10) Standard Specifications, 11) Special Provisions, 12) Plans, and 13) Notice to Proceed.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed in three (3) original counterparts the day and year first above written.

CONTRACTOR

WITNESS:

By: _____

Title: _____

**CHARTER TOWNSHIP OF MERIDIAN
OWNER**

WITNESS:

By: _____
Scott Hendrickson

Title: Supervisor

Date: _____

NOTICE OF AWARD

Dated: _____

TO: _____

ADDRESS: _____

CONTRACT: **GATE VALVE REPLACEMENT 2025**

You are notified that your Bid dated _____, for the above Contract has been considered. You are the apparent Successful Bidder and have been awarded a Contract for **GATE VALVE REPLACEMENT 2025.**

The Contract Price of your Contract is: \$ _____.

Three copies of each of the proposed Contract Documents accompany this Notice of Award.

You must comply with the following conditions within 10 days of the date you receive this Notice of Award.

1. Deliver to the OWNER **three** fully executed counterparts of the Contract Documents. (Each of the Contract Documents must bear your signature on page C-3.)
2. Deliver with the executed Contract Documents the Contract security (Bonds and Insurance) as specified in General Conditions (GC).
3. If not listed as the owner, president, or partner, we need a letter (on letterhead) stating the person signing contract, has permission to sign the contract.

Failure to comply with these conditions within the time specified will entitle OWNER to consider your Bid in default, to annul this Notice to Award and to declare your Bid security forfeited.

Within ten days after you comply with the above conditions, OWNER will return to you one fully executed counterpart of the Contract Documents.

CHARTER TOWNSHIP OF MERIDIAN

By: _____
Dan Opsommer
Deputy Township Manager
Director of Engineering & Public Works

NOTICE TO PROCEED

Dated: _____

TO: _____

ADDRESS: _____

CONTRACT: **GATE VALVE REPLACEMENT 2025**

You are notified that the Contract Times under the above Contract will commence to run on _____ 2025. By that date, you are to start performing your obligations under the Contract Documents. In accordance with Article III of the Contract, the date of Completion is: _____ 2025.

Deliver to **OWNER** an acknowledged copy of this Notice to Proceed.

MERIDIAN TOWNSHIP

By: _____
Younes Ishraidi, P.E.
Township Engineer/Deputy Director PW

ACKNOWLEDGEMENT OF ACCEPTANCE OF NOTICE TO PROCEED

CONTRACTOR acknowledges acceptance of this Notice to Proceed this _____ day of _____, 2025.

By: _____
.

GENERAL CONDITIONS

GENERAL CONDITIONS

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GENERAL CONDITIONS

GC.1 CONTRACT SECURITY

The Contractor shall furnish a surety bond, by a duly authorized surety company satisfactory to the Owner, in an amount equal to 100 percent (100%) of the Contract price as security for the faithful performance of this Contract. The Contractor shall also furnish a separate surety bond, by a duly authorized surety company satisfactory to the Owner, in an amount equal to 100 percent (100%) of the Contract price as security for the payment of all persons performing labor and/or furnishing materials.

The surety company writing the bid, performance, labor and material, and maintenance bond shall be: 1) acceptable to the Owner, 2) be listed in the Federal Register as published by the U.S. Department of Treasury under most recently revised Circular 570; 3) have an A.M. Best Company's Insurance reporting rating of no less than A- (Excellent); and 4) authorized to do business in the State of Michigan by the Michigan Department of Licensing & Regulatory Affairs Office of Financial and Insurance Regulations. Upon request, the Contractor shall submit evidence of such insurance.

GC.2 CONTRACTORS' AND SUBCONTRACTORS' INSURANCE

The Contractor shall not commence work under this Contract until he/she has obtained all the insurance required under this section and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his/her subcontract until all similar insurance required of the subcontractor has been so obtained and approved. Contractors and subcontractors are required to file with the Owner completed certificates of insurance, as evidence that they carry adequate insurance to comply with the requirement of this section. New Certificates of Insurance shall be furnished to the Owner at the renewal date of all policies named on these certificates.

A. Policies, Coverages, and Endorsements

The Contractor agrees to maintain, or to cause its personnel providing services under this Contract to maintain, at its sole cost and expense or the cost and expense of his personnel, the following insurance policies, with the specified coverages and limits, to protect and insure the Owner and Contractor against any claim for damages arising in connection with Contractors responsibilities or the responsibilities of Contractors personnel under this Contract and all extensions and amendments thereto.

1. **Commercial General Liability**

a.	General Aggregate	\$2,000,000
b.	Each Occurrence	\$1,000,000

Such insurance shall include, but not be limited to, coverage for:
Comprehensive form, Premises-operations, Explosion and collapse hazard, Underground hazard, Products/completed operations hazard, Contractual insurance, Broad form property damage, Independent contractor, Personal injury

2. **Workers' Compensation & Employer' Liability** (if applicable)

a.	Medical & Indemnity	Statutory Requirements
b.	Bodily Injury by Accident	\$500,000 Each Accident
c.	Bodily Injury by Disease	\$500,000 Each Employee
d.	Bodily Injury by Disease	\$500,000 Policy Limit
e.	Employers Liability	\$500,000

3. **Automobile Liability**

Including hired and non-owned Automobiles \$1,000,000 (Combined Single Limit)
Such insurance shall include, but not be limited to, coverage for:
Comprehensive form, Owned vehicles, Hired vehicles, Non-owned vehicles

GENERAL CONDITIONS

GC.2 CONTRACTORS' AND SUBCONTRACTORS' INSURANCE (Cont'd.)

B. Builder's Risk Insurance (Fire and Extended Coverage)

Until the project is completed and accepted by the Owner, the Contractor is required to maintain Builder's Risk Insurance (fire and extended coverage) on a 100 percent completed value basis on the insurable portion of the project for the benefit of the Owner, the Contractor, and subcontractors as their interests may appear.

C. Owner's Protective Liability

The Contractor shall procure and shall maintain during the life of this Contract Owner's/Contractor's Protective Liability Insurance, listing the Owner as the named insured. The minimum limit of liability shall be not less than \$1,000,000.00 per occurrence/aggregate.

D. Insured Parties

All policies shall contain a provision naming The Charter Township of Meridian, it's Board of Trustees, agents, officers, employees, and volunteers as Additional Insured parties on the original policy and all renewals or replacements during the term of this Contract.

E. Acceptable Insurance Companies

All insurance companies required by this section shall be: 1) acceptable to the Owner; 2) authorized to do business in the State of Michigan by the Michigan Department of Licensing & Regulatory Affairs Office of Financial and Insurance Regulations, and 3) have an A.M. Best Company's Insurance reporting rating of no less than A- (Excellent). Upon request, the Contractor shall submit evidence of such insurance.

F. Indemnification and Hold Harmless

The Contractor shall, at its own expense, protect, defend, indemnify and hold harmless the Owner and its elected and appointed officers, employees, and agents from all claims, damages, costs, lawsuits and expenses, including, but not limited to, all costs for administrative proceedings, court costs and attorney fees that they may incur as a result of any acts, omissions, or negligence of the Contractor, its subcontractors, sub-subcontractors or any of their officers, employees, or agents. This includes but is not limited to injury or death to any person or persons, including the contractors employees, and damage to property. The furnishing by the Contractor of any insurance required by this Contract, or the acceptance or approval thereof by the Owner as provided in this Contract, or otherwise, shall not diminish the Contractor's obligation to fully indemnify the Owner, its elected and appointed officers, employees, and agents as required in this section.

The Contractor shall not cancel or reduce the coverage of any insurance required by this section without providing 30-day prior written notice to the Owner. All such insurance must include an endorsement whereby the insurer shall agree to notify the Owner immediately of any reduction by the Contractor. The Contractor shall cease operations on the occurrence of any such cancellation or reduction, and shall not resume operations until new insurance is in force.

GC.3 QUALIFICATION FOR EMPLOYMENT

The Contractor shall employ competent laborers and mechanics for the work under this Contract, and shall comply with all applicable regulations of the United States Department of Labor and any other agencies having jurisdiction.

GC.4 PROGRESS SCHEDULE

The Contractor, if requested by the Owner, immediately after being awarded the Contract, shall prepare and submit to the Owner and its representative an estimated progress schedule for the work in relation to the entire project. This schedule shall indicate the dates for the starting and completion of the various stages of construction.

GENERAL CONDITIONS

GC.4 PROGRESS SCHEDULE (Cont'd.)

If the Contractor chooses to work overtime, they will be backcharged for inspection. Overtime is any Township recognized holiday and/or any time other than 8:00 a.m. to 5:00 p.m., local time, Monday through Friday. No work will be allowed at the site prior to 7:00 a.m. or after 7:00 p.m., or dusk, of any working day. No work will be allowed on Sundays with the exception of work necessitated by an emergency.

GC.5 ACCIDENT PREVENTION

Precaution shall be exercised at all times for the protection of persons (including employees) and property, and hazardous conditions shall be guarded against or eliminated. The Contractor is entirely responsible for all aspects of job safety and shall execute the work under this Contract in strictest conformance with all state and local safety codes, rules and regulations.

GC.6 CONTRACT PRICE SCHEDULE

The Contractor, if requested by the Owner, shall submit to the Owner a cost breakdown for the various items of the work. The schedule shall be prepared in a manner acceptable to the Owner as to both form and completeness and supported by data as necessary to substantiate its correctness.

GC.7 PAYMENT TO CONTRACTOR

The Contractor shall submit semi-monthly, or at longer intervals, if he so desires, an invoice covering work previously performed for which he believes payment, under the Contract terms, is due, and shall deliver said invoice to the Owner. Each request for payment shall be accompanied by a statement certifying that all bills for labor and materials have been paid up for all previous pay requests.

Each progress payment request shall be paid within one of the following time periods, whichever is later:

- A. Thirty (30) days after the Owner has certified that the work is in place in the portion of the facility covered by the applicable request for payment in accordance with the documents.
- B. Fifteen (15) days after the Owner has received the funds with which to make the progress payment from a department or agency of the federal or state government, if any funds for the facility are to come from either of these sources.

To assure proper performance of the Contract by the Contractor, the Owner shall retain ten percent (10%) of the dollar value of all work in place until the work is fifty percent (50%) in place. After the work is fifty percent (50%) in place, additional retainage shall not be withheld unless the Owner determines that the Contractor is not making satisfactory progress, or for other specific cause relating to the Contractor's performance under the Contract. In the event of such a determination the Owner may retain up to but not to exceed ten percent (10%) of the dollar value of the work more than fifty percent (50%) in place.

Any funds retained by the Owner shall not exceed the prorated share of the Owner's matching requirement if the project is funded, in part, with federal or state funds. Any retained funds shall not be commingled with other funds of the Owner and shall be deposited in an interest-bearing account in a regulated financial institution.

At any time after ninety-four percent (94%) of the work under the Contract is in place and at the request of the Contractor, the Owner shall release the retainage plus interest, only if the Contractor provides to the Owner an irrevocable letter of credit in the amount of the retainage plus interest, issued by a bank authorized to do business in the State of Michigan, containing terms mutually acceptable to the Contractor and Owner.

Retainage shall be released to the Contractor together with the final progress payment.

GENERAL CONDITIONS

GC.7 PAYMENT TO CONTRACTOR (Cont'd.)

Owner and Contractor agree that disputes concerning retainage, at the option of the Owner, shall be submitted to the decision of the agent as provided in Section 4 of Act 524 of the Michigan Public Acts of 1980 (MCLA 125.1564; MSA 5.2949 (104)) and that interest earned on retainage shall be released to the Contractor together with the final progress payment except as provided in said Section 4 of 1980 PA 524.

The final progress payment request by the Contractor shall include:

- A. A final invoice in a form satisfactory to the Owner.
- B. A sworn statement certifying that all bills for labor and materials have been paid by the Contractor.
- C. A sworn statement waiving any further claims (other than the final payment, retainage and interest, if any) by the Contractor against the Owner.
- D. A certificate from Contractor's bonding company approving issuance of final payment.

All payments shall take due account of additions to or deductions from the Contract price as herein provided.

The acceptance by the Contractor of payment on the final progress payment request shall be conclusive evidence of Contractor's acceptance and approval of estimates, accounting and deductions, and of full payment by the Owner for all work, labor, materials and services done or furnished hereunder, and a full satisfaction, discharge, release and waiver of all claims and demands of or on behalf of the Contractor, its agents or employees against the Owner arising out of this agreement.

GC.8 SUBCONTRACTING

The Contractor shall not award any work to any subcontractor, supplier, manufacturer or fabricator without prior written approval of the Owner, which approval will not be given until the Contractor submits a written statement to the Owner concerning the proposed award to the subcontractor. Said statement shall contain such information as the Owner may require.

The Contractor shall be as fully responsible to the Owner for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the Contractor by the terms of the General Conditions and other Contract documents insofar as applicable to the work of the subcontractors, and to give the Contractor the same power of terminating any subcontract that the Owner may exercise over the Contractor under any provision of the Contract documents.

Nothing contained in this Contract shall create any contractual relation between any subcontractor and the Owner.

GC.9 ASSIGNMENTS

The Contractor shall not assign the whole or any part of this Contract or any monies due or to become due hereunder without written consent of the Owner. In case the Contractor assigns all or any part of any monies due or to become due under this Contract, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any monies due or to become due to the Contractor shall be subject to prior liens of all persons, firms and corporations for services rendered or materials supplied for the performance of the work called for in this Contract.

GENERAL CONDITIONS

GC.10 EXTRAS

Except as otherwise herein provided, no charge for any extra work or materials will be allowed unless the same has been ordered in writing by the Owner and the price stated in such order.

GC.11 CHANGES IN WORK/PAYMENT ADJUSTMENTS

Adjustments, if any, in the amounts to be paid by the Contractor by reason of changes in, additions to, or deductions from the work to be performed or the materials to be furnished under this Contract, shall be made on the basis of the acceptable unit prices or lump sums submitted by the Contractor covering such changes, additions or deductions.

Failing an acceptable lump sum or unit price basis for extra work caused by changes or additions, the Contractor may be directed to proceed with extra work on the basis of actual total cost of:

- A. Labor, including foremen (including fringe benefits);
- B. Materials entering permanently into the work;
- C. The ownership or rental cost of construction plant and equipment during the time of use on the extra work at a rate not to exceed AGC rates;
- D. Power and consumable supplies for the operation of power equipment;
- E. Insurance;
- F. Social Security and unemployment contributions.

To the cost of the six items above, there shall be added a fixed fee, to be agreed upon but not to exceed fifteen percent (15%) of the actual cost of the work. The single fee shall be compensation to both the Contractor and/or subcontractor to cover the cost of supervision, overhead, bond, profit and any other general expenses.

Failing an acceptable lump sum or unit price basis for adjustment for any decrease in work caused by changes or deductions, the amount of such adjustment may be determined on a similar basis to that described for extra work, with the Contractor furnishing all pertinent cost data from his/her books and records that may be available and necessary for determination of the amount of adjustment.

All changes in, additions to, or deductions from the work specified shall be made only by written order by the Owner or by an authorized representative of the Owner. No claim for extra work will be allowed, unless ordered in writing as above stated, and the claim therefore presented in writing by the Contractor on or before the fifth (5th) day of the month following that in which the work was done.

GC.12 TIME OF MAKING CLAIMS

If the Contractor shall claim compensation or extension of time for any losses, damages, or delays sustained by reason of the acts of the Owner or its agents or other causes, he/she shall make a written statement of the nature of the loss, damage, or delay sustained to the Owner, within ten (10) days after the sustaining of such loss, damage, or delay. At the time of delivery and as a part of the Contractor's Declaration as hereinafter provided, the Contractor shall file with the Owner an itemized statement of the details and amounts of the loss, damage, or delay, and unless the statement shall be made as thus required, the Contractor's claim for compensation or extension of time shall be forfeited and invalidated, and he/she shall not be entitled to payment or extension of time on account of any such loss, damage or delay.

GENERAL CONDITIONS

GC.13 MATERIALS, SERVICES, AND FACILITIES

It is understood that except as otherwise specifically stated in the Contract documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature and all construction facilities whatsoever necessary to execute, complete, and deliver the work within the specified time.

Any work necessary to be performed after regular working hours, or Sundays and legal holidays, shall be performed without additional expense to the Owner.

GC.14 TERMINATION FOR BREACH

In the event that any of the provisions of this Contract are violated by the Contractor or by any of his subcontractors, the Owner may serve written notice upon the Contractor and the Surety of its intention to terminate the Contract, such notice to contain the reasons for terminating the Contract, and unless within ten (10) days after the serving of such notice upon the Contractor, the violation shall cease and satisfactory arrangements for correction be made, the Contract shall cease and terminate. In the event of a termination of the Contract, the Owner shall immediately serve notice thereof upon the Surety and the Contractor, and the Surety shall have the right to take over and perform the Contract.

However, if the Surety does not commence performance thereof within 30 days from the date of mailing said Notice of Termination to such Surety, the Owner may take over the work and prosecute the same to completion by contract for the account and at the expense of the Contractor. The Contractor and his Surety shall be liable to the Owner for any excess cost incurred by the Owner in completing the work, and Owner may take possession of and utilize in completing the work, all materials, appliances and plants as may be on the site of the work and necessary therefore.

GC.15 OWNER'S RIGHT TO WITHHOLD CERTAIN AMOUNTS AND MAKE APPLICATION THEREOF

The Owner may withhold a sufficient amount of any payment otherwise due to the Contractor to cover:

- A. Payments that may be past due and payable for just claims for labor, materials, or equipment furnished in and about the performance of the work on the project under this Contract.
- B. For defective work not remedied.
- C. For failure of the Contractor to make proper payments to his subcontractors.

The Owner shall disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. Any payment so made by the Owner shall be considered as a payment made under the Contract by the Owner to the Contractor. The Owner will render to the Contractor a proper accounting of all funds disbursed in behalf of the Contractor.

GC.16 SUPERINTENDENCE

The Contractor shall give his/her personal superintendence to the work or have a competent foreman or superintendent, satisfactory to the Owner, on the worksite at all times during work progress, with authority to act for the Contractor.

GENERAL CONDITIONS

GC.17 NOTICE AND SERVICE THEREOF

Where in any of the Contract documents there is any provision in respect to the giving of any notice, such notice shall be deemed to have been given; as to the Owner, when written notice shall be delivered to the Owner, or shall have been placed in United States mails with first-class postage pre-paid addressed to the chief executive officer of the Owner at the place where the bids or proposals for the Contract were opened; as to the Contractor, when a written notice shall be delivered to the chief representative of the Contractor, at the site of the project or by mailing such written notice in the United States mails with first-class postage pre-paid addressed to the Contractor at the place stated in the papers prepared by him to accompany his proposal as to the address of his permanent place of businesses; as to the Surety, when a written notice is placed in the United States mails with first-class postage pre-paid addressed to the Surety at the home office of such Surety or to its agent or agents who executed bonds in behalf of such surety.

GC.18 COMPLIANCE WITH LAW, APPLICABLE LAW, AND VENUE

The Contractor shall comply with all applicable Federal, State, County, and Municipal laws, ordinances, rules and regulations.

This contract shall be construed according to the laws of the State of Michigan.

The venue for the bringing of any legal or equitable action under this contract shall be the County of Ingham, of the State of Michigan. In the event that any action is brought under this Contract in Federal Court, the venue for such action shall be the Federal Judicial District of Michigan, Western District, Southern Division.

GC.19 PERMITS

The Township will secure and pay for the Building Permit from the Meridian Township Building Department. All other permits or licenses which may be needed for prosecution of the work are to be obtained by the Contractor at the Contractor's expense.

GC.20 ROYALTIES AND PATENTS

The Contractor shall pay for all royalties and patents, and defend all suits or claims for infringement on any patent right, and shall save and hold harmless the Owner from loss on account thereof.

GC.21 INSPECTIONS

The Owner and its representative shall at all times have access to the work wherever it is in preparation or progress and the Contractor shall provide facilities for such access and for inspection.

The Owner and/or its representative shall have the right to reject materials and workmanship which are defective, or require their correction. Work on the project may be ordered terminated until correction is made. Rejected workmanship shall be satisfactorily corrected, and rejected materials shall be removed from the premises without charge to the Owner. If the Contractor does not correct condemned work and remove rejected materials within a reasonable time, fixed by written notice, the Owner may remove them and charge the expense to the Contractor.

Should it be considered necessary or advisable by the Owner at any time before final acceptance of the entire work to make an examination of work already completed, by removing or tearing out same, the Contractor shall on request promptly furnish all necessary facilities, labor, and materials. If the work is found to be defective in any material respect, due to fault of the Contractor or their subcontractors, they shall defray all the expenses of examination and satisfactory reconstruction. If, however, the work is found to meet the requirements of the Contract, the actual cost of labor and material necessarily involved in the examination and replacement, plus 15 percent (15%) shall be allowed the Contractor.

GENERAL CONDITIONS

GC.22 CORRECTION OF WORK AFTER FINAL PAYMENT

Neither the final payment nor any provision in the Contract documents nor partial or entire occupancy of the premises by the Owner shall relieve the Contractor of the responsibility for negligence or faulty materials or workmanship within the extent and period provided by law, and, upon written notice, he/she shall repair any defects due thereto and pay for any damage due to other work resulting therefrom, which shall appear within **one year** after date of completion and acceptance.

GC.23 PROTECTION OF WORK

The Contractor shall continuously maintain adequate protection of all his/her work from damage and shall protect the Owner's and adjacent property from injury arising in connection with this Contract, and shall be responsible for all damage and/or injury caused by or arising out of his operations.

GC.24 USE OF JOB SITE

The Contractor shall confine his/her equipment apparatus, the storage of materials and operations of his/her workmen to limits indicated by law, ordinances, permits or directions of the Owner and shall not encumber the premises with his materials.

GC.25 "OR EQUAL" CLAUSE

Whenever in any of the Contract documents an article, material or equipment is defined by describing a proprietary product, or by using the name of a manufacturer or vendor, the term "or equal" if not inserted, shall be implied. The specific article, material or equipment mentioned shall be understood as indicating the type, function, minimum standard of design, efficiency, and quality desired and shall not be construed in a manner so as to exclude manufacturer's products of comparable quality, design and efficiency. The Contractor shall comply with the requirement of the Contract documents relative to the Owner's approval of materials and equipment before they are incorporated in the project.

GC.26 PLANS AND SPECIFICATIONS

The Contractor shall keep on the worksite a copy of the drawings and specifications and shall at all times give the Owner access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like affect as if shown or mentioned in both. In case of difference between drawings and specifications the specifications shall govern. In any case of discrepancy in the figures, drawings or specifications, the matter shall be immediately submitted to the Owner, without whose decision said discrepancy shall not be adjusted by the Contractor, save only at his/her own risk and expense.

The Owner shall furnish from time to time such detail drawings and other information as he/she may consider necessary, unless otherwise provided. The Contractor shall keep such drawings at the site of the work.

GC.27 OWNER'S RIGHT TO DO WORK

If the Contractor should neglect to prosecute the work properly or fail to perform any provision of this Contract, the Owner three (3) days after given written notice to the Contractor and his/her Surety may, without prejudice to any other remedy the Owner may have, make good such deficiencies and may deduct the cost thereof from the payment due to the Contractor.

GENERAL CONDITIONS

GC.28 CLEANING UP

The Contractor shall at all times keep the premises free from accumulations of waste material or rubbish caused by his/her employees or work, and at the completion of the work he/she shall remove all his/her rubbish from and about the work and all his/her tools, equipment, scaffolding and surplus materials and shall leave his/her work clean and ready for use. In case of dispute, the Owner may remove the rubbish and surplus materials and charge the cost to the several Contractors in proportion to the amounts as shall be determined to be just.

GC.29 REPORTS, RECORDS AND DATA

The Contractor and each of his/her subcontractors shall submit to the Owner such schedules of quantities, costs, progress schedules, payrolls, reports, estimates, records, and other data as the Owner may request concerning work performed or to be performed under this Contract.

GC.30 NON-DISCRIMINATION IN EMPLOYMENT

The Contractor shall adhere to all applicable Federal, State and local laws, ordinances, rules and regulations prohibiting discrimination with regards to employees and applicants for employment. The Contractor, as required by law, shall not discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight, marital status, or handicap that is unrelated to the individual's ability to perform the duties of a particular job or position. Breach of this section shall be regarded as a material breach of this Contract.

GC.31 DEFINITIONS

The following terms as used in these Contract documents are respectively defined as follows:

- (a) "Contractor" The person, firm or corporation to whom the within Contract is awarded by the Owner and who is subject to the terms hereof.
- (b) "Subcontractor" A person, firm or corporation other than a Contractor, supplying labor and materials or labor for work at the site of the project.
- (c) "Project" The total construction proposed by the Owner to be constructed in part or in whole pursuant to the within Contract.
- (d) "Work on the Project" Work to be performed, including work normally done, at the location of the project.
- (e) "Surety" Any person, firm or corporation that has executed, as surety, the Contractor's performance and/or labor and material bonds securing the attached Contract.
- (f) "Owner" The public body or authority for whom the work is to be performed and as identified in the advertisement and proposal.
- (g) "Engineer" The Director of Public Works and Engineering for the Meridian Township or their authorized representative.

GENERAL SPECIFICATIONS

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GS.1 DEFINITION

The Contractor shall furnish all materials specified herein, shown on the plans, and required to be incorporated in the work of the Contract. They shall furnish all labor, construction equipment, tools, supplies and facilities required to construct the elements designated by the Contract documents and shall construct all of the designated elements complete and in full conformance with the requirements of these documents. They shall comply with all regulatory provisions of the Contract, General Conditions and the Specifications.

GS.2 ELEVATIONS

All the elevations shown on the plans or referred to herein are in feet above mean sea level datum as established by the United States Geological Survey, unless otherwise noted. The Contractor shall verify all the existing structure locations and elevations at points of connection or possible interference between their work and the existing structures and shall report at once to the Engineer any interference's or discrepancies discovered.

GS.3 QUALITY OF MATERIALS AND EQUIPMENT FURNISHED

All materials and equipment furnished by the Contractor hereunder shall be new and conform to specifications herein.

Materials, supplies, and equipment, whether furnished by the Contractor or the Owner, shall be stored at the site of the work in such manner as not to interfere with traffic, convenience to public or other Contractors on the site or in the vicinity. The Contractor shall be responsible for any damage caused to new or existing structures by reason of such storage or handling of materials, supplies, or equipment.

Flammable materials in portable containers are not to be stored overnight on the site. This includes, but is not limited to, gasoline and diesel fuel for use in construction machinery. Portable containers

GENERAL SPECIFICATIONS

suitably protected, will be allowed overnight at the site, if confined to permanent tanks which are a normal part of the construction machinery.

GS.3 QUALITY OF MATERIALS AND EQUIPMENT FURNISHED (Cont'd.)

Where the Contractor is required to do work within rights of way under the jurisdiction of governmental bodies, they shall meet the requirements of said governmental bodies for work and storage within their jurisdiction. Such requirements must be met as a minimum requirement, and if the specifications given herein impose further limitation on the work, they shall also be met as the required work standard.

The Contractor's attention is directed to the Ingham County Road Department permit specifications, Section 5. Restoration and Maintenance of Right-Of-Way (e.), for dust control requirements.

GS.4 CARE OF EXISTING STRUCTURES

The Contractor shall be solely responsible for any damage to any existing underground services or structures, or to structures and roadway above ground caused by their operations or those of their subcontractors and suppliers.

GS.5 CARE OF NEW STRUCTURES

The Contractor shall use every reasonable precaution to prevent injury to the new structures being constructed hereunder. They shall be responsible to correct all injury or damage resulting from their operations and/or occurring while the work is under their supervisory control. They shall furnish and install such guards, coverings and other protection as may be needed to insure that the structures remain undamaged prior to completion of the entire work.

In the event damage does occur to the finished portions of the work, or to the work in progress, the Contractor shall take such corrective action and measures as may be necessary to repair the damage to the satisfaction of the Engineer.

GS.6 EXISTING PUBLIC UTILITIES

Existing public utilities and underground structures such as pipelines, electric conduits and sewers are shown on the drawings from available information. The Contractor shall, through Miss Dig and any other reasonable measures, verify the exact location of underground utilities for themselves.

The Contractor shall conduct their operations so as not to damage any existing utility whether or not shown on the plans. The Contractor shall correct, at their own expense, any damage or injury that may be caused by them during their operations or damage or injury caused during the operations of their subcontractors or suppliers.

The Contractor shall be responsible for coordinating relocation or repair of existing public and private utilities with the appropriate utility or owner. No extra payment will be allowed for repairs.

If the Contractor desires, or is required by the utility companies, to relocate any power or telephone poles to facilitate their work, any expense encountered from such relocation shall be borne by the Contractor.

GS.7 PROTECTION OF TREES AND SHRUBS

All trees and shrubs encountered along the route of the project shall be protected from damage by the Contractor and saved from harm resulting from any of their operations or operations of their subcontractors and suppliers. Only those trees and shrubs marked for removal on the plans shall be removed. All others will be saved from damage by tunneling or by slightly adjusting the alignment of the project as directed by the Engineer.

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GS.8 SAFETY PRECAUTIONS

During the progress of the work, the Contractor shall maintain adequate facilities for the protection and safety of all persons and property. The Contractor and all their subcontractors and suppliers shall comply with the "Construction Safety and Health Standards" as published by the Michigan Occupational Safety and Health Administration, and to all other local, state and federal laws, ordinances, rules and regulations pertaining to safety of persons or property.

GS.9 SANITARY REQUIREMENTS

The Contractor shall provide adequate sanitary facilities for all persons employed on this Project. The sanitary facilities shall conform in every way to the requirements of the "Construction Health and Safety Standards" as published by the Construction Safety Standards Commission of the State of Michigan.

GS.10 UTILITIES

The Contractor shall make all necessary arrangements for the provision of all utility services required to prosecute the work under this Contract. The Contractor shall pay the costs for such connections and service. Where the Owner has utility service at the site, the Contractor may obtain service by connection to the Owner's service, subject to reasonable regulation of its use and satisfactory agreement as to charges. In the event that the Contractor's use of any or all of the Owner's utility services causes the Owner to have an inadequate supply of such service, the Contractor shall disconnect said service and provide their own separate supply at no cost to the Owner.

All utility services shall be inspected by and meet the requirements of the applicable local codes and governmental bodies.

GS.11 PUMPING AND DRAINAGE

Adequate pumping and drainage facilities shall be provided and water from whatever sources entering the work during any stage of construction shall be removed promptly and disposed of. All pumping and drainage shall be done with no damage to property or structures and without interference with the right of the public, owners of private property, pedestrians, vehicular traffic, or the work of other contractors. Dewatering shall be done in such a manner that the soil under or adjacent to existing structures shall not be disturbed, removed or displaced.

The overloading or obstructing of existing drainage facilities shall not be permitted, and the Contractor shall be solely responsible for damages caused to such existing drainage facilities by their operations. Additionally, sufficient measures shall be utilized to prevent migration of soil from the site due to any pumping or drainage activities.

GS.12 WINTER CONSTRUCTION

The Engineer has authority over approving the prosecution of work which is proposed to be done during the winter months. The Contractor shall provide adequate weather protection, temporary heating and take any other measures which are necessary to ensure that work performed during the winter months is properly installed and protected against damage from freezing.

Reference is made in Division 4 of the Technical Specifications to the requirements for performing concrete construction and masonry construction in cold weather.

GS.13 USE OF FACILITIES BEFORE FINAL COMPLETION

The Owner shall have the right to make use of, during construction, such portions of completed and acceptably tested facilities as it finds practicable. Such use by the Owner shall not relieve the Contractor from responsibility for any defective work which may be subsequently discovered.

GENERAL SPECIFICATIONS

GS.14 TEST OF MATERIALS

All laboratory tests, except as otherwise noted, are to be made at the expense of the Contractor as specified in the Technical Specifications. The Contractor shall furnish satisfactory containers for taking and shipping samples. The name of the laboratory making the test must be submitted by the Contractor to the Engineer for approval.

In all cases "laboratory" refers to an independent laboratory of recognized standing. Acceptance of materials tested shall be based upon compliance with the specifications hereinafter stated for the various items. Where no particular tests are specified, the tests shall be those normally made for determination of the fitness of the particular material. Certificates of tests shall be furnished by the testing laboratory or producer, in triplicate, to the Engineer.

The Owner may require, at its own option and expense, additional mill and/or shop inspection by competent parties. The Owner may require, at its own option and expense, additional field inspection by a qualified inspector.

All materials failing to meet the requirements of the specifications, as determined by test or otherwise, shall be rejected and not used in the work. The cost of testing materials which fail to meet requirements shall be paid by the Contractor. All follow-up testing required shall also be paid by the Contractor. Materials, if rejected at the site, shall be immediately removed therefrom and shall not be used in the work.

GS.15 OTHER WORK

The Contractor shall cooperate with other Contractors on the site or adjoining work to the end that the entire Project may proceed with the utmost harmony and with a minimum of delay.

Where the work under this Contract is to involve work completed under other contracts or existing facilities or structures, the Contractor shall investigate the condition of such other work or facility to determine its suitability for incorporation into the work of this Contract. Any defect or discrepancy in other work of facility making it unsuitable for proper execution of this Contract shall be immediately reported to the Owner who shall order such adjustments in the work of the project as necessary for proper completion, and unless such defect or discrepancy is reported promptly, the Contractor shall be solely responsible for any adjustments in the work as shall be found necessary to properly complete the work on this project.

GS.16 LINES AND GRADES

General control lines and grades will be established by the Owner. The Contractor shall notify the Engineer no less than 48 hours prior to requiring such control. The Contractor shall furnish all stakes and labor for driving them and rodmen to assist the Owner in this work. The Contractor shall carefully preserve the general control lines and grades established by the Engineer. The cost of replacement of stakes which are damaged or lost shall be borne by the Contractor.

Construction lines and grade shall be transferred and set by the Contractor from the control lines and grades established by the Engineer, and the Contractor shall furnish necessary instruments and competent personnel for performing such work, and they shall be responsible for the accuracy of the transferred line and grade. The Owner will check the work at intervals, as it deems necessary, and the Contractor shall make correction of error, if any, at their own expense, as may be required for the proper function and performance of the structure and installed equipment.

GS.17 COMPLETE WORK REQUIRED

It is the intent of the Contract documents to provide that the Project to be constructed under this Contract will be complete and ready for use. Any minor items not specifically called for on the plans or specifications, but which are clearly necessary, are to be included.

GENERAL SPECIFICATIONS

GS.18 PROPERTY MARKERS

The Contractor shall take precautions not to move or destroy any monuments or stakes marking the boundaries of property along or near the work. A licensed surveyor shall reestablish property irons in the proper location if disturbed. Buried property irons shall be extended 1/2" diameter rods. The Contractor shall pay for reestablishment.

GS.19 RECORDS AND MEASUREMENTS

The Contractor shall keep careful records showing measured overall length of underground facilities installed and distances of such from any available line as may be designated by the Engineer. Such records shall be turned over to the Engineer as the work progresses and the records must be accurate and complete.

GS.20 GUARANTEE

The Contractor shall guarantee and shall secure from the manufacturer of each item of manufactured equipment used in the project a written guarantee that all materials and equipment furnished by them shall be first class and free from defects, and the guarantor agrees that they will, upon notice and without delay, make good or repair without expense to the Owner the whole or any part of the equipment furnished by them hereunder, which within a year from date of acceptance of that portion of completed work incorporating such equipment shall fail or develop unfitness for the purpose for which it is intended as a result of any defect in design, material, workmanship, erection or construction.

**INGHAM COUNTY ROAD DEPARTMENT
SUPPLEMENTARY PERMIT SPECIFICATIONS
FOR UTILITY INSTALLATIONS**

As referred to herein:

“Board” shall denote the Board of Ingham County Road Commissioners or its duly appointed agents.

“Utility” shall denote any cable, conduit, pipe, structure, or similar facility installed within the road right-of-way.

“Contractor” shall denote an individual or legal entity contracted to perform a proposed utility’s installation.

1. GENERAL

- a. All proposed utility installations within county road right-of-way shall be reviewed and approved by means of a permit issued by the Board, regardless of the type, size, location, or installation method. The Board shall have absolute authority over any work to be performed within the county road right-of-way and shall exercise said authority at its discretion. The Board reserves the right to impose, at its discretion, cash bond requirements for any permit granted. The cash bond may be used to reimburse the Board for work not performed by the Contractor, restoration of roadways caused by Contractor activities, costs associated with detour signing, and other reasonable expenses incurred by the road commission.
- b. The Board shall have the authority to direct any work or stop any work, permitted or not permitted, that in its opinion is not being performed to the Board’s satisfaction. All costs for corrective work or work stoppages shall be the responsibility of the Contractor.
- c. To issue a utility installation permit, the applicant must provide drawings that illustrate all the work to be performed, the method of installation, and materials to be used. If road or lane closures are proposed, along with the information required below, the approximate start and completion date shall be provided on the permit application.

2. ROAD CROSSINGS

- a. All proposed utility crossings of county roads shall be performed using methods other than open cut methods unless otherwise permitted by the Board. The following are general specifications or provisions to be followed when installing utilities using methods other than open cut methods.
 1. The methods of utility installation described in this section include, but are not limited to, tunneling, bore and jacking, and directional boring. These methods represent preferred installation methods and are employed to allow installation of utility road crossings without closing the road to through traffic or damaging the existing road pavement. The Board, at its discretion, may require that a particular installation method be employed by the Contractor.
 2. When a utility is to be installed by tunneling methods, the tunnel shall be adequately sheeted and shored to prevent the tunnel walls from collapsing and the road pavement from settling or cracking.
 3. When a utility is to be installed by bore and jacking methods, a casing pipe will be required with the utility to be installed inside the casing pipe. The annular space between the utility and the casing pipe shall be filled and sealed using pressure grouting or other approved methods.
 4. All shafts or pits not sheeted and shored shall be located, at least, 10 feet off the edge of road pavement in rural sections and 6 feet behind the back of curb in urban sections.

5. If any settlement or other changes in grade occur in the vicinity of the utility crossing within one year of the work, upon notification the road shall be immediately reconstructed to the proper grade at the Contractor's expense. In addition, damage to the roadway embankment, shoulder, and pavement shall also be immediately repaired to the Board's satisfaction.
 6. Unless otherwise approved by the Board, all utilities shall have a minimum cover of 4 feet below the road surface. Where approved construction plans indicate cover greater than 4 feet, the plan depth shall govern.
 7. All costs for maintaining traffic, including flagging operations, shall be the responsibility of the permitted party. Traffic control shall be erected in accordance with the current edition of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD) or as directed by the Board. Modifications to traffic control measures may be ordered by the Board, at its discretion, and the cost of any modifications shall be the responsibility of the Contractor. Once work is completed for the day, traffic control signs which are not appropriate shall be covered or removed so that the motoring public is made aware of the road's condition and how to safely traverse through the work zone.
 8. If, in the opinion of the Board, traffic conditions warrant suspension of utility installation operations and restoration of a road's full capacity, the Contractor shall comply immediately. All costs associated with such an action shall be borne by the Contractor.
- b. If the Board permits a proposed utility crossing of a county road using open cut methods, the following general specifications or provisions shall be followed:
1. Large projects that involve many utility crossings and or may extend for several months shall be completed in "sections". The intent being, that once a particular crossing, of many, is completed or a 1/4 mile "section" of a multi-mile utility has been installed, the Contractor shall restore the road and right-of-way to the satisfaction of the Board before moving on to the next crossing or section of utility installation.
 2. In general, open cut utility crossings will not be allowed during winter months.
 3. Open cut utility crossings shall be performed during off-peak traffic hours unless specifically permitted by the Board. Off-peak hours vary, but they are typically between the hours of 9:00 am to 3:00 pm.
 4. Unless otherwise approved by the Board, all utilities shall have a minimum cover of 4 feet between the utility and the road surface. Where approved construction plans indicate cover greater than 4 feet, the plan depth shall govern.
 5. All costs for maintaining traffic, including flagging operations, shall be the responsibility of the permitted party. For road closures intended to last one or two days, the contractor will submit a deposit with the permit application, the Ingham County Road Department will set up, maintain, and dismantle the road closure, the actual costs incurred will be subtracted from the deposit and the remainder returned to the contractor. If incurred costs exceed the deposit, the contractor will be billed for the overage. For road closures intended to last an extended period of time, the Contractor shall set up, maintain, and dismantle the closure per the approved detour plan. Regardless, traffic control shall be erected in accordance with the current edition of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD) or as directed by the Board. All traffic control schemes are to be approved prior to the beginning of work. Modifications to traffic control measures may be ordered by the Board, at its sole discretion, and the cost of any modifications shall be the responsibility of the Contractor.

6. If a proposed road closure is not permitted, at least one lane of traffic shall be maintained with proper flagging operations in effect throughout the work day. Road cuts shall be backfilled, flush with the driving surface at the end of each working day, appropriately signed, and opened for overnight traffic. Depending on traffic volumes and other conditions, the Board may require the permit applicant to provide by-pass lanes (either paved or unpaved) to maintain traffic.
7. Maintenance of open cut work zones is the responsibility of the Contractor and shall be in effect 24 hours a day for the duration of the work.

3. PAVEMENT AND GRAVEL SURFACE REMOVAL AND REPLACEMENT

- a. All proposed open cut utility installations or existing utility installations needing corrective reconstruction shall conform to the following specifications or provisions:
 1. All pavement to be removed shall be saw cut, full depth, to its removal limit and carefully removed as to not damage the saw cut edge. All damaged edges shall be subsequently saw cut and removed back to sound pavement. The pavement removal limit shall extend, at least, 1 foot beyond both sides of the open cut trench.
 2. Both bituminous and concrete pavement removal shall have a minimum width of 6 feet, be perpendicular to the centerline of the road, and extend the full width of existing lanes. Diagonal pavement removal and replacements will not be allowed unless approved by the Board.
 3. Concrete pavement removal limits are to utilize existing joints whenever possible. The minimum distance between a concrete replacement slab and an existing pavement joint shall be 5.5 feet unless approved by the Board. The Contractor shall verify concrete pavement removal limits with the Board prior to pavement replacement.
- b. Pavement replacement and gravel road surface restoration shall conform to the following specifications or provisions:
 1. Aggregate base material under pavement shall be a minimum of 8-inches thick and meet MDOT 21AA or 22A aggregate specifications, as determined by the Board. The proposed aggregate base material shall conform to the characteristics of the insitu aggregate base material as much as possible. Bituminous pavement replacement shall either match the existing pavement thickness or be 5-inches thick, whichever is greater, and utilize hot mix asphalt materials that meet or exceed MDOT 13A bituminous mix specifications. Concrete pavement replacement shall either match the existing pavement thickness or be 7-inches thick, whichever is greater, and utilize 4500 psi strength concrete that meets or exceeds MDOT specifications. Concrete pavement patch size and geometry shall be determined by the Board and shall be doweled into adjacent concrete pavement. Aggregate surfaced roads and shoulder material shall be a minimum of 6-inches thick and meet MDOT 22A or 23A aggregate specifications. Aggregate base shall be compacted to 95% of its maximum density, hot mix asphalt is to be compacted to 97% of its maximum density, and aggregate shoulder material shall be sufficiently graded and compacted to prevent standing water and erosion problems.
 2. The finished driving surface shall be installed to conform to the vertical profile of the existing roadway and not exhibit “dips” or “humps” that are noticeable to the motoring public. “Mounding” over excavations to allow for future settlement will not be permitted. If settling or upheavals occur at pavement replacement locations, the Contractor may be required to remedy the situation. Failure to do so may result in a stoppage of subsequent work or denial of subsequent permits.

3. Bituminous pavements shall not be replaced using lifts that exceed 250 lbs/syd (2 1/4 inches thick). A tack coat emulsion shall be applied between successive lifts of bituminous paving.
4. Replacement concrete pavement shall be doweled into adjacent pavement using 18-inch long by #9 and #5 epoxy coated deformed bars. The dowels shall be drilled, inserted 9-inches, and grouted in accordance with current MDOT specifications. Dowels installed along the pavement edge, parallel to the lane lines (#9), shall be spaced at 18-inches on center. Dowels installed along the pavement edge, perpendicular to the lane lines (#5), shall be spaced at 24-inches on center.
5. Composite pavements, such as asphalt overlaying concrete pavement shall be replaced to match the existing pavement structure using the same provisions described above. If approved by the Board, composite pavements may be replaced with full depth asphalt equal in thickness to the existing pavement structure.

4. BACKFILLING AND COMPACTION

- a. All utility trenches, holes, bore pits, and other excavations within the county road right-of-way shall be backfilled with granular material that meets or exceeds MDOT class II material. Excavation backfill shall be placed and compacted to 95% of its maximum density in successive layers that are no more than 12-inches thick. In-place backfill density shall be verified and reported to the Board by an independent testing laboratory. The cost of said verification and reporting shall be the responsibility of the Contractor. The above backfilling and compaction provisions shall apply to that portion of the subgrade that is within the influence of the roadway pavement structure, including the shoulder. Refer to MDOT Trench Detail "B". Failure to meet said backfill and compaction requirements may result in a stoppage of subsequent work, replacement of deficient backfill, and denial of subsequent permits.
- b. All under drain systems and similar facilities destroyed or disturbed due to the utility installation shall be rebuilt using similar materials and in a manner that completely restores their function.

5. RESTORATION AND MAINTENANCE OF RIGHT-OF-WAY

- a. All drainage courses shall be restored with topsoil, seed, and mulch immediately after completion of utility installations. The Contractor shall employ and maintain soil erosion and sedimentation measures to stabilize all disturbed grounds per the Ingham County Drain Commissioner's (ICDC) standards. Disturbed drainage courses or backslopes that have steep grades, as determined by the Board, shall be stabilized with mulch blanket, rock check dams, or both. The Contractor shall follow ICDC and Michigan Department of Environmental Quality (MDEQ) Best Management Practices (BMS) for soil erosion and sedimentation control.
- b. All existing storm sewer, drainage structures, culverts, and similar facilities shall be protected during utility installation. If permitted by the Board and the structure owner, the Contractor may remove and replace said facilities if needed for utility installation. All replacement facilities shall be in accordance with current agency (owner) requirements for materials and construction standards, regardless of existing condition. Any damaged facilities left in place during utility installation shall be fully repaired to the satisfaction of the Board, or be replaced in accordance with current agency (owner) requirements. It is the responsibility of the contractor to research and obtain permission from the appropriate "owner" for the proposed work.
- c. All traffic signs requiring replacement or that need to be relocated due to utility installation shall be replaced or relocated by Ingham County Road Department personnel and their costs reimbursed by the Contractor.

- d. Encroachments (private installations) within the road right-of-way, such as fences, mailboxes, and hedges that must be removed due to utility installation may be replaced or re-installed, within the right-of-way, upon approval of the Board. In general, removed objects, other than mailboxes, cannot be re-installed within the road right-of-way. Please be aware that the Ingham County Road Department will not become involved with negotiations between the utility owner and property owners relative to encroachment removal and replacement, but the Board will ultimately approve or disapprove whether replacements are allowed, and their subsequent locations.
- e. The Contractor shall maintain a safe work area, free from dust and free from dirt and mud being tracked onto the adjacent roadway. The Contractor shall make arrangements to have paved roads swept and gravel roads treated with dust palliative for the duration of installation activities. If requested by the Board, the Contractor shall sweep roads or apply dust palliative within 4 hours of the request. Failure to do so may result in a stoppage of work.

6. MANHOLE CASTING, VALVE, AND FIRE HYDRANT LOCATIONS

- a. Permitted utility manhole structures and vaults shall conform to the following specifications or provisions:
 - 1. In general, proposed manhole castings and valve boxes shall be located outside the paved road surface and somewhere other than in the roadside ditch. If approved by the Board, manhole castings and valve boxes installed within a paved surface or parkway shall be located flush with the existing surface, manhole castings and valve boxes installed within the traveled portion of a gravel road shall be located 6-inches below the road's surface, and manhole castings and valve boxes installed in a ditch bottom shall be located, at least 12-inches below the ditch bottom. The contractor may be required to re-route the ditch around manhole castings and valve boxes, at the discretion of the Board.
 - 2. Manhole castings and valve boxes shall not protrude from the backslope of the road or above the normal ground contour by more than 6-inches. The contractor may be required to adjust a manhole casting or regrade the area, to the Board's satisfaction, at their expense.
 - 3. Proposed manhole casting and valve box type shall be approved by the Board prior to the start of installation. If at any future time it is determined that the type of casting or valve box must be changed due to road reconstruction, widening, resurfacing, etc., the utility owner agrees, by performing under permit, to bear all costs for the change
 - 4. Proposed fire hydrant installations shall be approved by the Board prior to the start of installation. If at any future time it is determined that the fire hydrant must be moved due to road reconstruction, widening, resurfacing, etc., the utility owner agrees, by performing under permit, to bear all costs for moving the fire hydrant.

7. TREE REMOVAL, TRIMMING, AND TUNNELING

- a. All tree removals, trimming, and tunneling within county road right-of-way shall be reviewed and approved by means of permit by the Board of Ingham County Road Commissioners. Any trees, regardless of their location, that cannot be protected due to utility installation or are in eminent danger of dying as a result of utility installation shall be removed by the Contractor. All stumps shall either be removed or ground flush with the average ground surface in the vicinity of the stump.
- b. Proposed tree removals, trimming, and tunneling shall be sufficiently illustrated on construction plans along with the tree's species and size so that a proper review and site visit can be performed.
- c. Trees that are located close to proposed utility installations, in the county road right-of-way, and reside within maintained lawn areas shall be protected from above ground and below ground

damage. Any trees, as described above, that are to be removed due to utility installation, shall only be removed after the Contractor has given notice to the adjacent property of the intent to remove the tree(s) and offered replacement trees. In general, the Board will require the Contractor to replace “lawn” trees removed due to utility installation. Replacement trees shall be planted outside the road right-of-way or at locations approved by the Board.

- d. All stumps, logs, limbs, and litter shall become the property of the utility installation contractor and be properly disposed of. The adjacent property owners have the right of ownership of wood felled within the right-of-way, therefore the Contractor shall offer to leave the felled wood for the property owners use. Wood requested by the property owner shall be left outside of the county road right-of-way.

8. CONDUCT OF OPERATIONS

- a. The Contractor shall control and ensure that trucking operations related to utility installations adhere to the current Michigan Vehicle Code and restrictions imposed by the Board, including spring weight restrictions. Failure to do so will result in the truck operator being ticketed and may also result in a stoppage of work.
- b. Contractors, permitted or not permitted, who conduct utility installation operations in a manner detrimental to the Board’s statutory obligation to maintain county roads reasonably safe for the public will be required to cease utility installation activities and correct all detrimental conditions immediately. If deemed necessary by the Board, cash deposits to cover the cost of a full-time ICRD inspector to ensure proper operations may have to be submitted to the Board before utility installation continues.
- d. Dewatering water disposed of by the Contractor within the county road right-of-way must be approved by the Board in advance of any discharge and conform to Michigan Department of Environmental Quality (MDEQ) Best Management Practices (BMS) for soil erosion and sedimentation control. In general, discharge of water into roadside ditches for more than a couple of hours will not be allowed. If the Board deems it necessary that dewatering activities be modified or discontinued altogether, the Contractor shall comply and devise another method to complete their work. The Contractor, by performing under permit, accepts the responsibility of restoring the road right-of-way and affected drainage system to the satisfaction of the Board and the Ingham County Drain Commissioner after dewatering system removal.
- e. The Contractor shall store construction materials as far off the road so that the materials do not pose a hazard nor block the vision of the traveling public and those seeking egress and ingress to private property. Only materials to be installed immediately can be stored within the right-of-way. All other materials and equipment shall be stored outside of the right-of-way.
- e. For location of underground utilities, the Contractor shall call Miss Dig at 1-800-482-7171 a minimum of three working days prior to utility installation.

Rev. 01-06

EARTHWORK (DIVISION 1)

MERIDIAN TOWNSHIP TECHNICAL SPECIFICATIONS DIVISION 1

EARTHWORK

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8. RESTORATION & CLEAN UP

1.01 SCOPE

The Contractor shall furnish all labor, materials, tools and equipment for all excavation and backfilling required for work under this contract, including all sheeting, shoring and bracing, dewatering of excavation, and other work as herein specified. All work shall be done in accordance with the current Michigan Department of Transportation Standard Specifications for Construction, except as stated within this specification.

1.02 CONSTRUCTION METHODS

1. Clearing the Site

The Contractor shall clear the site of all brush and debris which may be present and interfering with construction operations and shall remove and dispose of the same. No trees or shrubs are to be removed unless shown on the plans or permitted by the Engineer. Concrete, asphalt, trees, and shrubs shown on the plans to be removed shall be disposed of at a suitable location off the site of the work.

2. Protection of Trees

All trees which are to be preserved or which, in the opinion of the Engineer, might be subject to damage by the Contractor's operations, shall be adequately protected against damage to the bark by 2-inch thick vertical planking securely wired or tied completely around the tree trunk. Such protection shall not be removed until authorized by the Engineer.

No excavation greater than 1 foot in depth shall be made by machine within 5 feet of any tree. If the excavation cuts within the canopy (dripline) of a tree, the Contractor shall tunnel under roots and protect them from injury throughout the work. All roots greater than 2" shall be cleanly cut, if removed.

Trees which interfere with the work, and the removal of which is permitted, shall be removed by the Contractor in a safe manner and incidental to construction unless otherwise noted on plans and proposal. No trees are to be removed without the expressed approval of the governmental body or property owner having jurisdiction thereof, and of the Engineer.

Trees, trunks, and limbs to be removed that are greater than six inches in diameter shall be trimmed and cut into lengths less than eight feet and piled outside of the right of way for use if the abutting property owner so desires. If the property owner does not desire the timber, the timber becomes the property of the Contractor. All other timber, brush, limbs, and stumps shall be disposed of by the Contractor. Onsite burning will not be allowed.

EARTHWORK (DIVISION 1)

1.02 **CONSTRUCTION METHODS** (Cont'd.)

3. **Erosion Control**

Erosion Control devices shall be installed as shown on the plans and as needed to eliminate the migration of soil from the worksite. Typical devices include catch basin fabric drops (silt sacks) and silt fence. Additional requirements, as necessary, can be found in the Special Provisions.

Fabric drops shall be designed and constructed for use in the specified structure. Drops shall be installed prior to construction, cleaned and maintained in a working state for the duration of the project, and removed and disposed of upon final completion and restoration of the construction site.

Silt fence shall be a product in accordance with the MDOT 2020 SSC, Section 910.

Grass shall be growing before the erosion control measures are removed. Retainage will not be released until the sediment guards are removed.

4. **Excavation**

A. General

Trench excavation shall be by open cut, except as otherwise shown or permitted. Excavation may be performed by any practical method consistent with the integrity and protection of the work, adjoining structures, and the protection of workers and the public.

Excavation of trenches for piping shall provide a minimum net clearance of six inches outside the barrel of the pipe and, in all cases, shall be of sufficient width to permit the convenient placing of pipe and making of joints. The bottom of the trench shall be shaped so as to conform as nearly as possible to the outside of the pipe, particular care being taken to recess the bottom of the trench in such a manner as to relieve the bell of all load and to provide continuous soil bedding under the lower quadrant of the pipe.

Excavation for structures shall be extended sufficiently beyond the limits of the structure to provide ample room for practical construction methods to be followed.

If excess excavation is made or the material becomes disturbed so as to require removal beyond the prescribed limits, the resulting space shall be refilled with selected material. It shall be thoroughly tamped into place in not more than six inch layers, to the satisfaction of the Engineer, before the construction work proceeds. Alternatively it may be filled with Class B Concrete or Flowable Fill.

Foreign materials such as slabs of wood, boulders, etc. which obstruct the excavation, shall be removed with other excavation; and where such obstructions occur at or near the bottom, requiring excavation below grade for their removal, the excavated area shall be brought back to grade as in the previous paragraph, and incidental to construction. Unnecessary excavation below grade by the Contractor shall be refilled to grade as in previous paragraph, and at the Contractor's expense.

B. Existing Utilities and Structures

The Contractor shall cooperate with all utility firms, in advance, to locate and avoid interference with and damage to existing facilities, insofar as possible. Means for elimination of interference and correction of damage shall be subject to the instruction or approval of the Engineer. Where any apparent conflicts with underground utilities become evident, the Contractor shall excavate the utility in advance of working in the area. The Engineer shall then determine if any conflict exists and, if so, shall determine the action to be taken. Exploration for underground utilities is incidental to the other work performed.

Underground pipes or structures encountered in excavation shall be adequately supported during the Contractor's operations. Before backfilling, the structure shall receive a permanent support of a suitable material approved by the Engineer, extending from the bottom of the excavation to the underside of the pipe or other structure.

EARTHWORK (DIVISION 1)

1.02 **CONSTRUCTION METHODS**

4. **Excavation**

B. Existing Utilities and Structures (Cont'd.)

The Contractor shall use care not to damage adjoining structures and existing underground utilities. Existing underground pipes and cables are shown on the plans insofar as information is reasonably available. The Contractor shall be responsible to ascertain the locations of all utilities, whether shown on the plans or not.

Work within MDOT and Ingham County Road Department (ICRD) rights of way is done under separate permit from the agency involved. In addition, to these specifications, the Contractor shall adhere to all conditions contained in such permits.

When excavating along paved roads, extreme care shall be taken that the existing pavement and structures will not be damaged or undermined. All sheeting, bracing, and other equipment necessary to prevent damage shall be furnished by the Contractor. Where a trench must be cut through a roadway or driveway, particular care shall be taken not to unnecessarily damage adjoining areas of pavement. Existing pavement shall be sawcut prior to excavation.

Sheeting or other suitable protection, as required, shall be provided wherever excavation is performed adjacent to an existing structure. Any material removed from beneath the foundation of an existing structure shall be replaced with Class B concrete. Sheeting, bracing, and shoring required to support the sides of excavation shall be removed with care after completion of the work. Any injury to the work or to adjacent property resulting from the removal shall be repaired by the Contractor.

The Contractor shall be responsible for any damage caused by their operations to pipes, structures, poles and accessories, and the like above or below ground, whether shown on the plans or not. They shall make good and repair any such damage to the satisfaction of the Engineer. Particular care shall be exercised where excavation or other work is being prosecuted near electric or telephone lines.

C. Ground Water

Excavations shall be kept dry during placing of pipe and initial backfill. The Contractor shall supply stone sumps and pumps as necessary to maintain satisfactory conditions. This work is considered incidental to the pipe cost.

The Contractor shall take all necessary precautions to prevent the accumulation of water to such a level as might cause damaging uplift pressure to partially completed structures. The Contractor shall be responsible for any damage to partially completed structures because of inadequate or improper protection from uplift pressure, and shall repair or remove and replace at their own expense, to the satisfaction of the Engineer, all work so damaged.

D. Dewatering

The Engineer may direct the installation of a dewatering system if they deem it necessary to lower the adjacent water table. This is a pay item which includes all costs to furnish and operate the system, including down-time and remobilization. Only use this method when normal methods, outlined in above paragraph (4C), prove to be insufficient.

5. **Backfilling and Rough Grading**

A. Bedding and Initial Backfill

The backfilling and bedding of utilities shall not incorporate frozen materials. Trench backfill shall be carefully placed such that pipeline and grade are not disturbed. Bedding and initial backfill shall be as specified for ductile iron, plastic, and concrete pipe in Division 2 and for ductile iron pipe in Division 3 of the Technical Specifications.

EARTHWORK (DIVISION 1)

1.02 **CONSTRUCTION METHODS**

5. **Backfilling and Rough Grading** (Cont'd.)

B. Final Backfill Outside Right of Way

The remainder of the trench, if not in a roadway, may be backfilled with excavated material unless it contains peat, muck, cinders, stones larger than 6" in diameter, or other undesirable material as determined by the Engineer. This undesirable material shall, upon written order of the Engineer, be removed and replaced with Extra Sand Backfill or material approved by the Engineer.

In a field, above a point 12-inches over the pipe, water main trenches may be backfilled completely with loose material and compacted from the top of the trench. Sewer trenches shall be backfilled and compacted in layers of 3'. In lawn areas the layers in each case shall not exceed 12".

Excavated material, above a point 12-inches over the top of the pipe, shall be compacted by running the wheel or track of excavation equipment along the trench or by methods and equipment approved by the Engineer. At least 30" cover over the top of pipe is required for wheeled or tracked vehicles and 48" cover for machine mounted compactors. Temporary mounding of excess material over the trench will be allowed only until such time as lawn repairs are completed.

C. Backfill within Roadway Zone of Influence

Where excavation cuts through a road, drive, or sidewalk, or is in the zone of influence of a pavement, the trench shall be backfilled with granular material and compacted in accordance with MDOT or ICRD specifications, whichever is applicable. Road crossings are incidental to pipe installation. Longitudinal trenches will be paid as the bid item Extra Sand Backfill, unless otherwise specified.

D. Rough Grading

At the end of each working day, all excavations shall be completely backfilled up to existing grade with all excess excavated material being removed from the site. The excavation at the point where pipe installation is to start on the next working day need not be backfilled if it is greater than 6 feet deep, adequately protected, fenced, and lighted. However, in all cases, roadways and driveways should be made accessible overnight.

Excessive soil settlement and any resulting damage which occurs within one year of final approval shall be repaired by the Contractor at no cost to the owner.

6. **Extra Sand Backfill**

When the Engineer deems the native backfill material above the pipe to be unsuitable (such as rocks, peat or landfill outside the right of way or clay within the right of way) they may order extra sand backfill.

The unsuitable material shall be removed from the site and replaced with an approved granular material. This granular material shall be compacted as previously specified for excavated material.

Sand used under paved driveways, for road crossings, for pavement sub-base or for pipe bedding and backfill to a point 12" over the pipe is considered incidental to the project and does not qualify as Extra Sand Backfill, unless it is the result of a plan change.

7. **Extra Stone Bedding**

This item is used, as directed by the Engineer, to replace any unsuitable earth foundation, (such as muck, landfill or rubble), below the pipe bedding or trench bottom. The unsuitable material shall be removed from the site and replaced with one-inch crushed stone.

Stone used for dewatering purposes and for pipe bedding and backfill is considered incidental to the project and does not qualify as Extra Stone Bedding.

EARTHWORK (DIVISION 1)

1.02 CONSTRUCTION METHODS (Cont'd.)

8. Restoration & Clean-Up

As construction operations proceed, the Contractor shall follow their operations with a general clean-up which shall include rough grading, removal of debris, temporary replacement of mailboxes, temporary restoration of driveways, etc. The general clean-up shall follow construction such that no more than 1000 feet shall remain uncompleted at any time. Access to individual homes and parcels shall remain uninterrupted during construction operations with all driveways temporarily restored to use at the end of each working day. Temporary driveways and roads shall be maintained by the Contractor during the period of construction.

After all construction has been completed, the Contractor shall finish, grade and rake all areas disturbed by construction. Topsoil shall then be spread on the prepared areas to a depth of 3-inches. All stones and lumps larger than 1-inch diameter plus all roots, litter and other foreign material shall be raked out prior to seeding or sodding.

Lawn areas and vacant land shall be repaired with seeding, fertilizer and mulch. 12-12-12 fertilizer shall be evenly applied at a rate of 200 lbs./acre. Seed shall be MDOT "THM" mixture and shall be sown following or in conjunction with the fertilizer and while topsoil is in a friable condition. Seed shall be evenly sown at a rate of 220 pounds per acre and shall not be sown through mulch. Mulch blankets shall be installed immediately after seeding and shall be pinned in place, unless otherwise specified.

If called for, lawn areas shall be repaired with first-quality commercial lawn sod. The existing sod in the excavated areas shall be cut, trimmed and removed as necessary to accept a minimum 12-inch width of new sod without overlapping new sod onto the existing or without leaving gaps between the new sod and existing. Watering of new sod shall be the responsibility of individual property owners.

Driveways and approaches shall be repaired with material of the same quality, width and thickness as that which existed prior to construction, but shall not be less than the following:

- i. Concrete shall be 6-sack, transit-mixed; formed, jointed and finished to match existing. Slabs less than 24-inches wide shall be removed and replaced with new concrete – see Division 4 of the Technical Specifications for additional requirements.
- ii. Asphalt shall be MDOT HMA 13A, three inches compacted thickness and rolled to a uniform, dense surface. Prior to placing of new asphalt, the existing asphalt shall be trimmed with a concrete saw to straight edges which are parallel with the adjoining roadway. Overlays shall be preceded by an asphalt primer. Thicknesses greater than two inches shall be placed in two layers that have cooled between courses.

It is the intent that upon completion of the work all surfaces will be returned to the standard of profile and conditions that existed prior to this work. All gravel, top soil, seeding, sodding, surface restoration, paving, etc., shall be performed under this contract. Surface restoration shall include replacement of mailboxes, posts, fences, signs, culverts, ditches and other miscellaneous improvements. No deviations from existing conditions will be allowed without the written permission of both the Engineer and the affected property owner.

MERIDIAN TOWNSHIP STANDARD SPECIFICATION

WATER DISTRIBUTION SYSTEM

DIVISION 3

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3.05 TESTING AND STERILIZATION

1. Pressure Testing
2. Sterilization and Bacteriological Testing

3.01 SCOPE

The contractor shall furnish all labor, equipment and materials to completely construct, test, and place in operation the water system as shown on the plans and as specified herein.

3.02 WATER MAIN MATERIALS

All pipes, piping fittings, plumbing fittings, and fixtures that are used for potable water must comply with the new lead-free requirement and must bear the mark NSF/ANSI Standard 61, Annex G or NSF 61-G.

1. Pipe

- A. General: All pipe used for main lines shall be ductile iron meeting the requirements of ANSI/AWWA C151/A21.51. Where these specifications differ with ANSI/AWWA C151/A21.51, these specifications will prevail.
- B. Joints: The bell of each length of pipe shall provide for the seating of a single rubber gasket meeting the requirements of ANSI/AWWA C111/A21.11 Standards. The gasket shall be self-centering when the plain end of a pipe enters the bell. Sufficient lubricant shall be furnished to provide a coating on each plain end of pipe. The lubricant shall be non-toxic, shall impart no taste or odor to the water and have no deleterious effect on the rubber gasket. The lubricant shall be of a consistency that can be easily applied to the pipe in hot or cold weather and shall adhere to either wet or dry pipe.
- C. Cement Mortar Lining: Cement Mortar lining of pipe shall conform to ANSI/AWWA C104/A21.4, except for the following items. Care shall be taken to insure that no mortar remains in the joint surface of the bell. If mortar is found in the joint surface or lining of greater thickness than allowed, the pipe will be returned.
- D. Length of Pipe: The minimum nominal laying length of the pipe shall be 18 feet. A maximum of 20 percent of the total number of each size of an order may be furnished as much as 24 inches shorter than the nominal laying length; an additional 10 percent may be furnished as much as 6 inches shorter than nominal laying length.
- E. Pipe Thickness: Ductile iron pipe shall have a wall metal thickness as follows:

6-inch pipe	0.37 inch (Class 54)
8-inch pipe	0.39 inch (Class 54)
12-inch pipe	0.43 inch (Class 54)
16-inch pipe	0.46 inch (Class 54)
20-inch pipe	0.48 inch (Class 54)

Tolerances will be as allowed in ANSI/AWWA C151/A21.51. Pipe sizes not listed above will not be approved for use as main lines in the Township water system.

- F. Coating: The inside and outside of the pipe shall be coated with a bituminous coating of either coal-tar or asphalt base one mil thick.
- G. Independent Tests: The supplier shall furnish reports of all tests and inspections as required in ANSI/AWWA C151/A21.51.

3.02 WATER MAIN MATERIALS (Cont'd.)

2. Fittings

All fittings shall be mechanical joint ductile iron, shall be short bodied and conform to ANSI/AWWA C153/A21.53 or ANSI/AWWA C110/A21.10 Standards. Ductile Iron fittings shall be designed for a working pressure of 350 pounds per square inch (psi).

Seal coating with bituminous material of the fittings shall conform to ANSI/AWWA C104/A21.4 Standard. Fittings shall be bituminous coated inside and out.

All mechanical joint accessories including glands, rubber gaskets and bolts shall be furnished for each joint opening and shall conform with ANSI/AWWA C111/A21.11, except cast bolts are not permitted.

Tapping sleeves shall be from the same manufacturer as the valve. They shall be ductile iron (ASTM A536 Grade 65-45-12), or stainless steel. The flange dimensions and drilling shall comply with ANSI B16.1 Class 125 with MSS SP-60. The mechanical joint shall comply with AWWA C111.

3. Valves

Valves shall be iron body, bronze mounted, double disc, and parallel seat gate valves conforming to AWWA C-500 or resilient seated gate valves conforming to AWWA C-509. The valve ends shall be mechanical joints with glands, bolts, and gaskets furnished. The stem seal shall be of the double "O" Ring design. The operating nut shall be a standard 2-inch square. The valve shall have a non-rising stem, open left inside screw. All bolts, pins and fasteners used for attachments in the disk or wedging mechanism shall be bronze.

The wedge rubber shall be permanently bonded to the wedge in a process meeting the requirements of ASTM D429.

Gate valves shall be EJIW FlowMaster® series with an EJIW screw-type valve box,

Valves greater than 12 inches shall be butterfly type meeting the requirements of AWWA C504. Butterfly valves shall have a 150-pound per square inch rating with the seat molded, vulcanized and bonded to the body. Ends shall be mechanical joints with glands, bolts, and gaskets furnished. The valve shall open left with a minimum of 32 turns, have a non-rising stem and a standard 2-inch square operating nut. Valves shall be equal to those manufactured by Traverse City Iron Works, Dresser Manufacturing, Henry Pratt Company or equal as approved by Engineer.

4. Valve Boxes

Valves smaller than 12-inch shall be fitted with a valve box. The valve boxes shall be cast iron, screw type, three piece, consisting of the base, the center section and the top section. The length shall be adjusted by means of threads cast into the top and center section. The center section shall lock into the base. A cover shall be furnished marked "Water".

The base shall be No. 6 Round and the shaft shall be 5-1/4 inch. The size shall provide for a range of extension of 55-75 inches from the top of pipe.

The valve boxes shall be Tyler Series 6860 or Clow F2450, or as approved by Engineer.

WATER DISTRIBUTION SYSTEM (DIVISION 3)

3.02 WATER MAIN MATERIALS (Cont'd.)

5. Fire Hydrants

The fire hydrants shall have a center stem with double "O" Ring packing. The hydrant valve shall be 5-1/4 inch in diameter. The barrel and head shall be cast iron with a breakable traffic safety flange. All fire hydrants shall conform to AWWA C502 Specifications.

The drain mechanism shall drain the hydrant barrel down to the level of the valve seat. The hydrant head shall contain the hose nozzles and be able to face in any of eight positions without digging up the hydrant. The hydrant head shall have two 2½-inch hose nozzles and one 4-inch pumper connection. Each nozzle cap shall be attached to the hydrant with a non-linking chain. The inlet connection shall be 6-inch mechanical joint.

The depth of trench shall be 5½ feet. Threads shall be Meridian Township Standards.

The hydrants shall open left with a standard 1½-inch pentagon nut, shall be painted OSHA red and shall be East Jordan Iron Works 5 BR. The hose nozzle threads shall be #4 (2 ½" National Standard Thread). The pumper nozzle shall be fitted with the "Harrington Integral Hydrant Storz" nozzle.

6. Bolts

No cast iron bolts shall be used. All bolts shall meet approval of Engineer.

3.03 INSTALLATION METHODS

1. Pipe [Ref. Sec. 1.02]

The installation, handling, and storage of all pipe and appurtenances shall be in accordance with AWWA Standard C-600 and manufacturer's recommendations. Pipe shall at all times be protected against impact shocks and free fall. Stockpiling of pipe and appurtenances at the site shall be in such a location as to minimize handling and prevent collecting or submergence with water.

A water main shall be separated from a sanitary sewer crossing by 18" vertical and a 10' horizontal separation when parallel. The trenching method for Class 54 ductile iron shall be AWWA Type 1: flat bottom (undisturbed earth), loose backfill.

The depth of trench shall be such that the top of the pipe shall not be less than five feet below the proposed finish grade, unless otherwise shown on the plans or so ordered by the Engineer. The trench shall be of such width as will readily permit the laying, handling and assembling of the pipes in the trench and to allow a thorough filling and compacting of the earth refill adjacent to the lower half of the pipe. Holes, no larger than necessary, shall be provided for the bells at each joint and to ensure that the pipe barrel will lie flat on the trench bottom. Blocking of pipe will not be allowed.

After the trench has been excavated, the pipe, fittings, valves and hydrants shall, after first being inspected and the joints cleaned, be carefully placed into the trench in such a manner as to prevent damage to them. Under no circumstances shall water main materials be dropped or dumped into the trench. All lumps, blisters and excess tar coating shall be removed from the bell and spigot ends of each pipe and fittings. The outside of the spigot and the inside of the bell shall be wire brushed and wiped clean and dry before the pipe is laid. Any damage to the exterior coating of the pipe shall be repaired with an approved coating before the pipe is laid. After placing a length of pipe in the trench, the spigot end shall be lubricated and then entered in the bell and the pipe forced home and brought to correct line and grade. Lubricants recommended by the pipe manufacturer and approved for use on potable water systems shall be applied as recommended. Due care should be used to seat the gasket evenly in the bell at all points.

3.03 INSTALLATION METHODS

1. Pipe [Ref. Sec. 1.02] (Cont'd.)

The plain end of the slip type joint is furnished with a slight taper to ease its sliding fit with the gasket when the joint is made up. When necessary to cut pipe in the field, the outside of the cut end should be tapered by filing or grinding back about 1/8 inch at an angle of about 30 degrees with the centerline of the pipe.

A plug shall be used during any breaks in construction to prevent any possible contamination. If the trench contains any water, the open ends of the pipe shall be plugged with a watertight plug.

To form a long-radius curve or to avoid obstructions, the pipe may be deflected within the tolerances recommended by the manufacturer and approved by the Engineer. Some common deflections from AWWA C-600 are:

Diameter	Push-on Joint Max. Offset		Mechanical Joint Max. Offset	
	18'	20'	18'	20'
6"	19"	21"	27"	30"
8"	19"	21"	20"	22"
12"	19"	21"	20"	22"
16"	11"	12"	13½"	15"

Backfill for a Type 1 trench requires no compaction. When under existing or future roadways or lawns, then specified density procedures shall prevail.

Polyethylene encasement of pipes will be required in areas with corrosive soils including swamp, marshes, alkaline soils, cinder beds, landfill areas or any other potentially corrosive location. The encasement thickness shall be 8 mil minimum and installed in accordance with ANSI/AWWA C105/A21.5.

2. Valve Manholes

Valves 12 inches and greater shall be installed in a valve manhole. All tap valves shall be installed in manholes. The size of the manholes shall be 5' in diameter for existing mains that are smaller than 12", and 6' in diameter for 12" mains and larger. The manhole covers shall have "Meridian Township Water" cast into the top.

3. Setting Valves and Boxes

All valves shall be set with the stem in a vertical position and shall be plumb. Valve box shall be so set that it will not transmit shock or stress to the valve. It shall be centered over the stem nut of the valve and shall be true and plumb. The box shall be adjusted so that the cover is flush with the finished ground surface or as directed by the Engineer. Stone shall not be placed around the valves.

4. Setting Fire Hydrants

Fire hydrants shall be located as shown on the plans, or as directed by the Engineer. All hydrants shall be set to a grade that will place the 4" hose nozzle twenty-one (21) inches above the ground surface, unless otherwise directed by the Engineer. Sufficient barrel extensions shall be furnished and installed by the contractor to meet this requirement.

Each hydrant shall be connected to the main by a 6-inch branch. A 6-inch gate valve shall be installed in each hydrant connection. The hydrant and valve shall be connected to the mainline tee by 3/4-inch rods as shown in the detail on the plans.

3.03 INSTALLATION METHODS

4. Setting Fire Hydrants (Cont'd.)

Excavation for each hydrant shall extend at least twelve inches (12") below the base of the hydrant and shall have an area of at least four square feet. Before setting the hydrant, the excavation shall be filled to the elevation of the hydrant, base with washed or broken stone. After the hydrant is set and securely blocked, additional washed or broken stone shall be placed around the base of the hydrant to an elevation of twelve inches (12") over the 6-inch branch connection.

5. Thrust Blocks

All bends, stub ends, plugs and any other portion of the system which may be subject to separation of joints because of water pressure shall be securely thrust blocked. Blocking shall be concrete poured in place and shall be so placed as to prevent any movement of pipe or fitting joints due to water pressure. Size and shape of blocks shall be in accordance with the details shown on the plans.

3.04 WATER SERVICES

1. Pipe Material

Allowable sizes are 1-inch, 1½-inch, 2-inch, 3-inch, 4-inch, or as specified for mains.

Material for 3- and 4-inch shall be Class 54 ductile iron as specified for mains. Material for 1-inch, 1½-inch, and 2-inch shall be Type K annealed seamless copper tubing conforming to ASTM B-88.

2. Service Fittings

Corporation stops, curb stops and unions shall be only Mueller 110 compression style, or Township approved "Ford" fittings. The inlet on the corporation stop shall have AWWA threads.

Curb boxes for new construction shall be only Minneapolis Pattern, 4½-foot depth, cast iron.

Double strap service clamps shall be used with 1½-inch and 2-inch corporation stops.

3. Installation

All service pipe shall be buried 5 feet below finished grade. Curb box locations under driveways and sidewalks shall be prohibited.

Joints shall be made using three-part unions as described above. Solder and band type couplings will not be allowed.

Water and sewer service lines may be installed in a common trench if a minimum horizontal separation of 3.0 feet is maintained.

4. Inspection

All service lines shall be inspected by Township personnel prior to being backfilled. The contractor shall notify the Township a minimum of 6 hours prior to inspection. Any services which are backfilled prior to being inspected shall not be approved and the contractor shall be responsible for all costs of exposing the services.

5. Guarantee

The contractor and/or developer shall be responsible indefinitely for the correct elevation and measurements of house services and curb boxes. If a curb box or house service cannot be found, is not at the correct elevation, or has been installed improperly, the contractor will be notified of the situation. He will then be required to pay for finding the curb box or house service, fixing the installation, or reinstallation, whichever the case may be.

3.05 TESTING AND STERILIZATION

1. Pressure Testing

The contractor shall furnish equipment for the test, and the test shall be run by him in compliance with AWWA C-600 and under the direction of the Engineer. The test shall be made at 150 pounds per square inch hydrostatic pressure and shall be maintained for at least (2) hours and the leakage shall not exceed 11.65 gallons per day, per mile of pipe, per inch of nominal diameter. The contractor shall furnish all labor and equipment to make the test.

All valves shall be opened such that all air in the line can be removed upon filling with water. The contractor shall install any corporation stops necessary to allow the air to be expelled.

Upon opening all valves the test will begin. If the line is a dead end, the 1st hour of the test shall be against the last hydrant. After 1 hour of testing the dead end valves shall be closed and all bleeder lines (dead end hydrants) shall be opened. The test will continue for the remaining 1 hour. If the line is not dead end, the test will be a continuous 2 hours.

The contractor shall run a preliminary test to determine that all air has been expelled and to check for any leakage. If any leakage should exist the contractor shall make the necessary repairs and perform the preliminary testing until satisfactory results are obtained. The final test shall be made in the presence of the Engineer. The contractor shall notify the Engineer in advance of the testing a minimum of 48 hours. The contractor shall provide the equipment necessary to add and measure the water necessary to maintain the hydrostatic pressure within 5 pounds per square inch (psi) of the required test pressure for the duration of the test. When the testing period is complete the contractor shall add and measure the water to bring the final pressure reading to the initial pressure reading. The total gallons added during the duration of the test shall not exceed the allowable leakage.

2. Sterilization and Bacteriological Testing

Disinfection and bacteriological testing shall be in accordance with AWWA Standard C-651. Before the mains are chlorinated, they shall be thoroughly flushed. All mains shall be chlorinated for a period of twenty-four (24) hours. The contractor shall furnish all necessary equipment and materials, and the work shall be done under the direction of the Engineer in accordance with all local and state health department regulations. Chlorine shall be added in sufficient quantity to give a 50-ppm residual of free chlorine after a twenty-four (24) hour period.

After completion of the chlorine procedure, the main shall be flushed. Then the Engineer shall take a sample of water from the main for bacteriological tests. If the tests should result in unsafe conditions, the chlorinating shall be repeated by the contractor. The contractor shall be responsible for all costs associated with necessary retesting.

CONCRETE WORK (DIVISION 4)

**MERIDIAN TOWNSHIP TECHNICAL SPECIFICATIONS
DIVISION 4**

CONCRETE WORK

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4.03	CONSTRUCTION METHODS 1. SUBGRADE PREPARATION 2. FORMWORK 3. PLACEMENT 4. FINISHING 5. JOINTS 6. CURING & PROTECTION
4.04	TESTING

4.01 **SCOPE**

This work shall consist of furnishing all labor, materials and equipment necessary for the proper mixture and placement of concrete. The current MDOT Standard Specifications for Construction (SSC) shall be followed, unless otherwise specified.

4.02 **MATERIALS**

1. Supplier

The use of transit-mix concrete is required. The Contractor shall notify the Engineer who the supplier will be prior to beginning work. The Engineer must approve the concrete supplier and the mixer trucks used to transport the concrete.

2. Concrete Mixture

Batching and mixing operations shall conform to ASTM C94. Water shall not be added to the mix after the trucks leave the batching plant. The mix for sidewalk shall be MDOT P1 with approximated proportions of one part cement; two parts fine aggregate, and three parts coarse aggregate. The mix shall contain 6 sacks of cement per cubic yard, with a maximum allowable slump of 3½" (three and one-half inches).

Coarse aggregate shall conform to MDOT 6AA. Fine aggregate shall conform to MDOT 2NS. Cement shall be Type 1A air-entraining Portland cement conforming to ASTM Specification C150 or Type 1 with an air entrainment admixture. Air shall be 6% plus or minus 1%.

The compressive strength of Class A concrete shall not be less than 3,500 pounds per square inch (psi) after 28 days. The compressive strength of Class B concrete shall not be less than 3,000 psi after 28 days.

CONCRETE WORK (DIVISION 4)

4.02 **MATERIALS**

2. **Concrete Mixture** (Cont'd.)

Water shall be clean and free from deleterious substances such as oil, alkali and organic matter. Potable water shall be used from sources approved by the Engineer.

No admixtures will be used unless approval is received from the Engineer, or is specified. Admixtures, if approved, shall be used in strict accordance with manufacturer's directions and shall conform with applicable ASTM Standards.

3. **Reinforcing**

Concrete slabs, walls and footings shall be reinforced with steel bars or mesh as shown on the plans. Bars shall be rust-free, new deformed billet-steel conforming to ASTM A615, Grade 60 and mesh shall conform to ASTM A1064.

The Contractor shall prepare and submit to the Engineer shop drawings showing bending and assembly diagrams, splicing, laps of bars, shapes, dimensions and details of bars. Scaled dimensions from drawings shall not be used in determining the lengths of reinforcing bars.

4.03 **CONSTRUCTION METHODS**

1. **Subgrade Preparation**

The earthgrade shall be prepared by removing the topsoil, vegetative cover and root mat. The base shall then be prepared by excavating and/or placing of embankment material to achieve the grade and cross-section required. All soft and yielding material shall be removed and replaced with acceptable material.

When a pathway is benched into cut or fill slopes, grading shall be done in accordance with the MDOT 2020 SSC, Section 205, Roadway Earthworks. Subgrade density shall be not less than 95% of Maximum Unit Weight in fills. In cuts, the Engineer will visually inspect the grade and may order additional compaction to achieve the desired subgrade density.

A minimum of three (3) inches of Class II granular material shall be used under all pathway construction. The base shall be smoothed, trimmed and compacted prior to placement of forms. The Engineer may order additional compaction to achieve the desired subgrade density after visual inspection.

2. **Formwork**

All concrete work shall be accurately formed to the lines and grade shown on the plans. Forms shall extend to the full depth and width of the specified concrete surface. Forms shall be shored and braced from the outside to maintain ¼" tolerance in thickness, line and grade. All formwork shall be oiled with an approved non-staining form oil before placing concrete. Formwork shall be left in place until the concrete is sufficiently hard so as to not be damaged upon removal.

Construct all formwork to provide continuous, straight, smooth surfaces and edges. Exposed edges to have ½" chamfer. Curved walks shall be formed on a radius with flexible forms.

CONCRETE WORK (DIVISION 4)

4.03 **CONSTRUCTION METHODS** (Cont'd.)

3. **Placement**

All formwork and reinforcement placement shall be inspected by the Engineer prior to placement of concrete. The Contractor shall give ample notice and time so that such inspection can be made.

No concrete shall be deposited until the area has been dewatered and not until after the Contractor has made satisfactory provisions to eliminate all possibility of water entering or flowing through the concrete while it is being poured or is curing.

Subgrades shall be wetted and forms shall be oiled prior to concrete placement. All debris shall be removed from forms and reinforcement.

Type of Unit	Time Between Charging Mixer and Placing Concrete (minutes)		
	Concrete Temperature (ASTM C1064)		
	<60 °F	60 °F - 85 °F	>85 °F
Truck Mixers	90	60	45
Truck Mixers with Concrete containing Water-Reducing Retarding Admixture	120	90	70

Exposed concrete shall not be poured when the atmospheric temperature is below 40 °F or when the concrete temperature is below 55 °F as placed. Concrete shall not be poured on frozen ground. Concrete shall not be cast if the temperature of the concrete is above 90 °F.

~~Tickets shall be prepared in accordance with the MDOT 2020 SSC, Section 602, Portland Cement Concrete For Pavements.~~

When placement of concrete is started, it shall be carried on as a continuous operation until the placement of the section is completed. Concrete in walls shall be placed in 24-inch lifts keeping surface of concrete level throughout. Concrete shall be deposited to the full depth of the forms in one pour. Drops of greater than 5' shall use tubes.

Reinforced concrete greater than six inches in finished thickness shall be compacted by high frequency internal vibrators. The concrete shall be thoroughly worked around the reinforcement and into the corners of the forms, using procedures which minimize air pockets and honeycombs. Care shall be taken in vibrating concrete so as not to move reinforcement out of place.

Concrete less than six inches in finished depth shall be compacted by spading along all edges and joints and by alternately tamping and striking off the surface until all voids are removed.

4. **Finishing**

Horizontal, exposed surfaces shall be floated and troweled just enough to produce a smooth, dense surface, free from irregularities. All joints and edges shall be rounded to a radius of one-quarter inch by the use of an approved edging tool. After completion of floating and finishing, a fine brush shall be drawn across the finished surface to remove tool marks, and provide a non-slip surface.

CONCRETE WORK (DIVISION 4)

4.03 CONSTRUCTION METHODS

4. **Finishing** (Cont'd.)

Formwork panels are intended to provide a satisfactory finish for vertical, exposed surfaces. Finishing shall be limited to minor rubbing, removal of fins and patching of honeycombed areas. Unexposed surfaces need not be finished except for patching of honeycombed areas.

All concrete sidewalk and driveway approaches shall be legibly stamped with the name of the Contractor and the year, with figures 1½" to 2½" tall. The stamps shall be used at the ends of each segment, each truck load, and at intervals no greater than 100 feet in length.

5. **Joints**

1. Construction cold joints not indicated on the plans shall be so made and located so as to least impair the strength of the structure. The location of all construction joints shall be approved by the Engineer. Slabs shall have a cold joint at the end of each truck load.
2. Transverse expansion joints ½" thick shall be placed in sidewalk at approximately 100 foot intervals. ½" thick expansion joints shall be placed anywhere that the walk meets the back of curb, and where the walk meets the edge of concrete driveways or building walls.

Expansion joints material shall be pre-molded of bitumen filled fiber placed at right angles to the line of the walk, perpendicular to the surface and shall extend from ¼" below the surface of the walk to the subgrade.

3. Contraction (plane of weakness) joints shall be placed at a minimum distance equal to the width of the sidewalk. Contraction joints for bicycle pathways (7-foot width) shall be spaced approximately nine feet apart. The joint shall be sawed to a width of 1/8" and to a depth of ¼ of the slab thickness.

Sawing must be accomplished as soon as the concrete has hardened such that no excess raveling or spalling occurs, but before any random cracks develop. Joints shall be at right angles to the line of the walk, and perpendicular to its surface. Tooled joints are not allowed.

6. **Curing and Protection**

Sidewalks and other slabs on grade shall be treated with a curing compound conforming to the requirements of ASTM C309. The compound shall be sprayed or rolled on to provide a continuous film over the entire surface of the walk after completion of finishing, and as soon as all free water has left the surface. Compound shall be applied at the rate of not less than one gallon per 200 square feet. Immediately upon removing sidewalk forms, the exposed concrete edge shall be sprayed with curing compounds or backfilled with earth. The final grading of topsoil will be such that the mature sod will be ½" below the concrete.

All concrete shall be protected from vehicles for the first 72 hours after placing. The period of protection will increase to 7 days as the temperature decreases to 40 degrees. Any concrete found to be defective or damaged due to weather, vandalism, or other causes shall be removed and replaced, at the Contractor's expense. Damaged sections of sidewalk and curb and gutter shall be removed back to the nearest joint or as indicated by the Engineer.

Freshly placed concrete shall be protected from rain by covering with polyethylene film.

CONCRETE WORK (DIVISION 4)

4.03 **CONSTRUCTION METHODS**

6. **Curing and Protection (Cont'd.)**

Concrete shall not be allowed to freeze for 72 hours. Protection must be provided when there is a forecast for freezing.

Barricades shall be placed at the areas under repair from the time the damaged section is removed until it is ready for use. Lighted barricades will be required for intersection areas left under repair overnight.

4.04 **TESTING**

The Contractor shall make arrangements for and coordinate various concrete tests as ordered by the Engineer. The testing company will be selected by the Township and the Township will pay for the tests. The Contractor will be charged for any waiting time suffered by the testing company. All tests will be done according to ASTM standards.

**MERIDIAN TOWNSHIP TECHNICAL SPECIFICATIONS
DIVISION 7**

PAY ITEMS, METHOD OF MEASUREMENT & BASIS OF PAYMENT

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PAY ITEMS (DIVISION 7)

7.01 **SCOPE**

It is intended that payment for all work done under the Contract Documents including the furnishing of all labor, equipment and materials and the performing of all operations in connection with the construction of the project, will be made under the following pay items. Other work for which there is not a specific pay item will be considered included in the Contract Unit Price for the various specified pay items and no additional compensation will be allowed.

The Owner reserves the right to alter the plans, extend or shorten the improvement and increase or decrease the quantities of work to be performed to accord with such changes, including the deduction or cancellation of any one or more of the Pay Items. Such changes shall not be considered as a waiver of any conditions of the Contract nor to invalidate any of the provisions thereof. A supplemental agreement between the Contractor and the Owner will be required when such changes involve a net increase or decrease in the total amount of the original contract of more than 25 percent. For a net increase or decrease of less than 25 percent, the Contractor will accept payment according to contract prices for such items of work as appear in the original contract.

The work will be done in compliance with the Contract Documents and paid for under the Pay Items or Contract Items herein listed. The Contractor shall take no advantage of any apparent error or omission in the plans or specifications, and the Engineer shall be permitted to make such corrections and interpretations as may be deemed necessary for the fulfillment of the intent of the Contract.

7.02 **SPECIFIC PAY ITEMS**

1-19 GENERAL

1. Traffic Control

- A. **Description:** The Contract Unit Price on this item includes labor, equipment, and material necessary to complete traffic control for this project in accordance with the Michigan Manual of Uniform Traffic Control Devices and, as applicable, Michigan Department of Transportation (MDOT) or Ingham County Road Department (ICRD) requirements.
- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price on the following basis: after first use of traffic control measures, 25% will be paid; once 50% of the original contract price is completed, 50% will be paid; once 75% of the original contract price is completed, 75% will be paid; once the contract work is complete, 100% will be paid.

2. Road Repair

- A. **Description:** The Contract Unit Price on this item includes restoration of all public roads to at least their conditions as existed prior to the start of construction. Specific examples are furnishing and placing of subbase, gravel or asphalt base and gravel, asphalt or concrete surface plus all other miscellaneous work associated with the complete restoration of all public roads including shoulders. All work shall be done in accordance with the plans and specifications.
- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price when all public roads have been restored to their original condition.

PAY ITEMS (DIVISION 7)

7.02 **SPECIFIC PAY ITEMS**

1-19 GENERAL (Cont'd.)

3. Extra Sand Backfill [Ref. Sec. 1.02 (E)]

- A. Description: When the Engineer deems the native backfill material above the pipe to be unsuitable (such as rocks, peat or landfill outside the right of way and clay within the right of way) the Engineer may order extra sand backfill. It includes the excavation and disposal of the unsuitable material. Fill material shall be Class II granular material and placed at the direction of and to the satisfaction of the Engineer.

Sand used under paved driveways, for pavement subbase at road crossings, or for pipe bedding and initial backfill is considered incidental to sewers or water main and will not be paid for under this item.

- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price for the total volume actually furnished and placed. Volume will be determined compacted-in-place (CIP) by measurements obtained at the site unless otherwise stated.

4. Extra Stone Bedding [Ref. Sec. 1.02 (F)]

- A. Description: The Contract Unit Price on this item includes the furnishing and placing of crushed stone bedding material to replace unsuitable subgrade material under the pipe. This work shall be done at the direction of, and to the satisfaction of, the Engineer.

Stone used for dewatering purposes or to stabilize water sand is considered incidental to sewers or water main and will not be paid for under this item.

- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price for the total volume actually furnished and placed. Volume will be determined in place by measurements obtained at the site unless otherwise stated.

5. Road and Railroad Crossing

- A. Description: The Contract Unit Price on this item includes all extra work over and above that described under Sewers, Site Restoration, and Road Repair herein. Specific work includes furnishing and installing the steel casing pipe (by methods other than open cut), placing crushed stone around the carrier pipe, sealing the casing ends plus all miscellaneous related work.

- B. Method of Measurement & Basis of Payment: This item will be paid for the Contract Unit Price after the work is completed. The lineal footage of pipe installed inside the casing will be paid for under the pay item sewer or water main in addition to this item.

6. Abandonment

- A. Description: The Contract Unit Price on this item includes everything necessary to abandon the structure or facility as described in the contract.

- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price per pile set for the actual number placed and incorporated into the finished work.

7. Dewatering [Ref. Sec. 1.02 (4.D)]

- A. Description: The Contract Unit Price on this item includes the furnishing, installation, operation and removal of all materials and equipment to lower the groundwater level adjacent to the construction area to expedite the excavation for and installation of the work.

PAY ITEMS (DIVISION 7)

7.02 **SPECIFIC PAY ITEMS**

1-19 GENERAL

7. Dewatering (Cont'd.) [Ref. Sec. 1.02 (4.D)]

- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price per lineal foot of excavation actually dewatered or as lump sum. Measurement will be along the centerline of the pipeline.

8. Special Structure

- A. **Description:** The Contract Unit Price on this item includes the furnishing and installation of labor and materials to complete the structure as shown on the plans, including excavation, backfilling, access openings and covers, floor drains and associated piping, pre-cast concrete sections, poured-in-place concrete, waterproofing, vent piping, removal of surplus excavated material and restoration of surface to within three inches of finished grade.
- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price for each special structure as actually installed.

9. Pavement Removal

- A. **Description:** The Contract Unit Price on this item includes all labor, equipment, and material necessary to remove and dispose of existing concrete or asphalt as marked in the field by the Engineer and as described herein. The Contractor shall **SAWCUT** the existing pavement to the full depth to ensure clean and proper removal. Any additional sawcutting, removal, and replacement necessitated by damage caused by the Contractor shall be incidental.
- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price as measured in the field.

10. Miscellaneous Items

- A. **Description:** This item includes the complete labor, equipment, and materials for constructing and/or placing in service a bid item not found elsewhere in this division.
- B. **Method of Measurement & Basis of Payment:** This item will be paid for at the Contract Unit Price.

20-29 SANITARY

20. Sewer Mains

- A. **Description:** The Contract Unit Price on this item includes clearing the work site of all trees, brush, structures and other objects which interfere with the placement of the sewer under construction, all excavation, the furnishing and placing of sewer pipe complete including wyes or tees, bedding material, backfilling, removal of surplus excavated material, testing, concrete work, protection and replacement or repair of existing utilities, and restoration of the surface to within three inches of original grade or to bottom of pavement base course. All work shall be done in accordance with the plans and specifications.

20. Sewer Mains

- B. **Method of Measurement & Basis of Payment:** The length of sewers to be paid for at the Contract Unit Price will be determined by measurement along the centerline of the various diameters, classes and depths of pipe as actually furnished and installed. Diameters, classes and depths shall be as shown on the proposal. Measurements shall be from center to center of adjacent manholes with no deduction for manhole diameter. Depth shall be determined by measuring the distance from sewer invert to existing grade at each manhole plus at a point midway between manholes; the average of the three measurements shall be the average depth of the sewer.

PAY ITEMS (DIVISION 7)

7.02 SPECIFIC PAY ITEMS

20-29 SANITARY (Cont'd.)

21. Manholes

- A. Description: The Contract Unit Price on this item includes all excavation, the furnishing and placing of precast sections and cast iron frame and cover, concrete work, drop pipes, connection of existing and new pipes, backfilling, removal of surplus excavated material, and restoration of surface to within three inches of original grade. All work shall be in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price per manhole for the various depths as actually installed. The depth shall be determined by measuring the distance from sewer invert to top of casting.

22. Sewer Services

- A. Description: The Contract Unit Price on this item includes all the work and materials (excepting wyes and tees but including necessary bends) as described in sewer main above.
- B. Method of Measurement & Basis of Payment: The length of sewers to be paid for at the Contract Unit Price will be determined by measurement along the centerline of the pipe including risers as actually furnished and installed. Measurement shall be from end of tee or wye to end of service.

23. Bypass Pumping

- A. Description: The Contract Unit Price on this item includes everything necessary to provide bypass pumping sufficient to complete the contract work.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price.

30-39 WATER

30. Ductile Iron Water Mains

- A. Description: The Contract Unit Price on this item includes clearing the work site of all trees, brush, structures and other objects which interfere with the placement of the water main under construction, all excavation, the furnishing and placing of water main testing, concrete work, disinfecting, backfilling and the removal of surplus excavated material, protection and replacement or repair of existing utilities, and restoration of the surface to within three inches of original grade or to bottom of pavement base course. All work shall be done in accordance with the plans and/or specifications.
- B. Method of Measurement & Basis of Payment: The length of water mains will be paid for on a lineal foot basis for pipe measured along the centerline of the various diameters and classes of pipe actually furnished and installed. There will be no deductions for fitting lengths. Unit price includes all labor and materials and related work described above.

31. Water Main Fittings

- A. Description: The contract unit price includes the furnishing and installation of the fittings delineated in the proposal.
- B. Method of Measurement & Basis of Payment: Fittings will be paid for at the Contract Unit Price for each piece successfully installed, complete with restraints, thrust block, and required appurtenances.

PAY ITEMS (DIVISION 7)

7.02 **SPECIFIC PAY ITEMS**

30-39 WATER (Cont'd.)

32. Water Valves and Boxes

- A. Description: The Contract Unit Price on this item includes the furnishing and installation of valves and valve boxes. All work shall be done in accordance with the Plans and/or Specifications and result in an operating valve.
- B. Method of Measurement & Basis of Payment: This work will be paid for at the Contract Unit Price per valve specified by size of valve on the proposal, which price includes all labor, materials, and related work as described above.

33. Fire Hydrants

- A. Description: The Contract Unit Price on this item will consist of furnishing and installing fire hydrants. It shall also include the furnishing and installation of the tee, auxiliary valve, valve box, connecting piping, thrust block, drainage pit, and miscellaneous appurtenances. All work shall be done in accordance with the plans and/or specifications and result in an operating hydrant.
- B. Method of Measurement & Basis of Payment: Fire hydrants will be paid for at the Contract Unit Price per complete Fire Hydrant assembly, which payment includes the furnishing and placing of all materials, the labor, and all related work necessary to complete the work as described above.

34. Live Tap

- A. Description: The Contract Unit Price on this item will consist of furnishing and installing tapping sleeves and valves on existing mains without loss of pressure in the existing main. It shall also include the installation of a valve box and a thrust block. All work shall be done in accordance with the plans and/or specifications.
- B. Method of Measurement & Basis of Payment: This work will be paid for at the Contract Unit Price per live tap as specified on the proposal, which price includes all labor, materials, and related work as described above.

35. Water Services

- A. Description: The Contract Unit Price on this item includes the furnishing and installation of corporation stops, curb stops, curb boxes and service pipe in accordance with the plans and or specifications. Work includes all excavation, backfill, furnishing and replacement of sand backfill, tapping of main, and removal of surplus excavated material. Long side service leads includes crossing of roads. Short side service leads are those which do not cross roads.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price for each service lead completely installed.

40-49 PAVEMENT

40. Concrete Sidewalk

- A. Description: The Contract Unit Price on this item includes furnishing all labor, equipment, and materials required in connection with forming, placing, and curing of the concrete sidewalk to the lines and grade shown on the plans or as directed. All work shall be done in accordance with the plans and specifications.

PAY ITEMS (DIVISION 7)

7.02 **SPECIFIC PAY ITEMS**

40-49 PAVEMENT

40. Concrete Sidewalk (Cont'd.)

- B. Method of Measurement: Concrete sidewalk will be measured and paid for in square feet, determined by multiplying the actual length as measured along the centerline of the surface of the pathway, by the actual width. The area of fillets and odd shaped sidewalk will be computed separately. Deductions will be made for structures, crossroads, sidewalk ramps, and other discontinuities in the sidewalk. Sidewalk ramps and other appurtenances included in the contract as pay items will be paid for separately.

41. Sidewalk Ramps

- A. Description: Sidewalk Ramps consist of several different pay items, the combination of which include all labor, equipment, and material necessary to construct an ADA compliant curb ramp, in accordance with MDOT Special Detail R-28. The ramp pay items are depicted below in **7.04 RAMP PAY ITEMS**. All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: The ramp components will be measured and paid for at each Contract Unit Price.

42. Bituminous Construction

- A. Description: The Contract Unit Price on this item includes all labor, equipment, and material necessary for the construction of a bituminous surface, on a prepared foundation, at the specified application rate. If the bituminous mixture is not specified, the type used shall meet the approval of the Engineer. Construction methods shall conform to the latest edition of the MDOT Standard Specifications for Construction (SSC). All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price as verified at the site through load tickets from the supplier or by field measurements.

43. Embankment

- A. Description: The Contract Unit Price on this item includes all labor, equipment, and materials required in connection with delivery and placement of granular embankment material. Embankment includes areas requiring fill as called for on the plans and the 3" of base for concrete sidewalk. All work shall be done in accordance with the plans and specifications. Granular material as noted shall mean Class II material per the MDOT 2020 SSC, Section 902.
- B. Method of Measurement & Basis of Payment: Embankment material shall be as measured in the vehicle transporting the material to the site. Load tickets from the supplier are required to verify the delivered amount.

44. Aggregate Base or Surface Course

- A. Description: The Contract Unit Price for this item includes all labor, equipment, and materials required in connection with the delivery and placement of the material. This work includes the required shaping, grading, and compacting of the material for the foundation of the asphalt ramps and driveway approaches.

The material shall be 21AA or 22A aggregate per the MDOT 2020 SSC, Section 902, unless otherwise specified. All work shall be done in accordance with the plans and specifications.

PAY ITEMS (DIVISION 7)

- B. Method of Measurement & Basis of Payment: Aggregate Surface Course shall be as measured in the vehicle transporting the material to the site. Load tickets from the supplier are required to verify the delivered amount.

7.02 **SPECIFIC PAY ITEMS**

40-49 PAVEMENT (Cont'd.)

45. Curb and Gutter

- A. Description: The Contract Unit Price on this item includes furnishing all labor, equipment, and materials required for forming, placing, and curing of the concrete curb and gutter to the line and grade as shown on the plans, including excavation, backfill, reinforcing steel, removal of existing curb and gutter, and all joints and joint materials. All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: The length of curb and gutter to be paid for at the Contract Unit Price will be determined by measurement along the face of the curb as actually installed, with no deductions in length for catch basins, inlet castings or gutters through concrete driveway openings.

46. Subgrade Preparation

- A. Description: The work of subgrade preparation includes furnishing all labor, equipment, and material necessary for clearing and grubbing, including all tree and bush removal, tree trimming, topsoil stripping, grading to shape the earth to develop the typical cross section shown on the plans, and any additional excavation required to construct the pavement to the grade shown on the plans.
- B. Method of Measurement & Basis of Payment: This item will be paid on a basis of lineal feet of pathway for work completed according to the specifications.

50-59 LANDSCAPE

50. Retaining Wall

- A. Description: The Contract Unit Price for this item includes all labor, equipment, and materials required in connection with the construction of a retaining wall, as shown on the plans. All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: Retaining walls will be measured by the square foot of the exposed face, above the pathway/sidewalk.

51. Fence

- A. Description: The Contract Unit Price for this item includes all labor, equipment, and materials required in connection with the construction of a fence, as shown on the plans. All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: The fence will be measured along the centerline of the fence, from centerline to centerline of the end posts.

52. Ditching

- A. Description: The Contract Unit Price on this item includes all excavation, and grading to develop the cross sections such that upon completion of site restoration the final grade shall be within plus or minus 0.1 foot of the required lines and grade. This item will also include clearing the work site of all trees, brush, structures and other objects which interfere with the performance of the work. All work shall be done in accordance with the plans and specifications. Final restoration will be paid for separately.

PAY ITEMS (DIVISION 7)

- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price when the required cross section has been obtained. Measurement will be made along the centerline of the ditch. Payment for any final trimming of the subgrade required prior to site restoration is included in this pay item.

7.02 SPECIFIC PAY ITEMS

50-59 LANDSCAPE (Cont'd.)

53. Erosion Control

- A. Description: The Contract Unit Price on these items includes all labor, equipment, and material necessary to install and maintain the specified erosion control device(s).
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price for each erosion control item used.

54. Site Restoration

- A. Description: The Contract Unit Price on this item includes restoration of the ground surface to at least its preconstruction state. Specific examples are final grading of the top three inches of ground surface, furnishing and installation of seed and mulch, driveway and parking area repair, culvert replacement, sidewalk repair, replacement of signs, mailboxes, and fences, plus all other miscellaneous work associated with the complete restoration of the project site. The slope between new sidewalks and a lawn shall not exceed 1:3. All work shall be done in accordance with the plans and specifications.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price when the complete project site has been restored to its original condition.

55. Drainage Pipe

- A. Description: The Contract Unit Price on these items includes all labor, equipment, and material necessary to install drainage pipe of the type and size specified, as shown on the plans.
- B. Method of Measurement & Basis of Payment: This item will be paid for at the Contract Unit Price for the length installed, as measured along the ground surface.

GATE VALVE REPLACEMENT 2025

SPECIAL PROVISIONS

These Special Provisions are in addition to those in the General and Technical Specifications, and supersede the General and Technical Specifications in the event of a conflict.

GENERAL

TESTING – The Contractor will be responsible for scheduling concrete and compaction testing. Testing will be done by Soil and Materials Engineers, Inc. (SME), (517) 887-9181. The cost will be paid by Meridian Township, except for any wait time. Compaction testing will be required for all backfill within the road zone-of-influence.

PROPERTY IRONS – A licensed surveyor shall reestablish property irons in the proper location, if disturbed. Buried property irons shall be extended using ½" diameter rods. The Contractor shall pay for reestablishment.

ROAD RIGHT-OF-WAY – All work in the public right-of-way is done under permit and approval of the Michigan Department of Transportation (MDOT), and Ingham County Road Department (ICRD). Meridian Township will secure the necessary MDOT permit.

BACKFILL – Backfilling shall be in accordance with ICRD and MDOT specifications, including compacted Class II granular material within the road zone of influence, and 12 inches of compacted 21AA aggregate below the pavement surface. The contractor may use the Township's materials, located at the Service Center, 2100 Gaylord C. Smith Ct., Haslett, MI 48840. The contractor is responsible for loading and transporting the material. Backfilling is incidental to this contract.

DEWATERING – All dewatering costs involved with this project will be incidental to the work. If dewatering is required it shall be pre-approved by the township engineer.

SHORING – Any shoring necessary to protect existing utilities or structures is incidental.

SITE CLEANUP – At the end of each day the work site shall be rough graded. In the event that it is necessary to leave a point of excavation open overnight, the area shall be safely barricaded. At the end of each week, or as deemed necessary by the Township, the street surface shall be wetted and swept clean of all construction debris.

JOINT RESTRAINT – All mechanical fittings shall be restrained using MEGALUG® style restraints or approved equal.

WATER MAINS – The depths of existing water mains will typically be 5~7 feet between the ground surface and crown of the pipes.

NOTES:

- *All water main shutdowns shall be coordinated with Meridian Township personnel. All shutdowns shall be timed to minimize the impact to water customers, including by utilizing overnight work.*
- *The pay items detailed in this contract are intended to provide for the complete scope of work as depicted on the plans. Any and all work not covered under a specific pay item, but necessary to complete the project, is considered incidental.*

PAY ITEMS

1a&b. **TRAFFIC CONTROL** – These pay items include all labor, equipment, and material necessary to provide and maintain traffic control as described herein, in accordance with the Michigan Manual of Uniform Traffic Control Devices, MDOT, and ICRD (if applicable) permit requirements.

All necessary traffic control devices are included. All barrels remaining in the road overnight must be lighted. See Appendix A for general traffic control details.

9a&b. **PAVT, REM, _____** – These pay items include all labor, equipment, and material necessary to remove and dispose of existing concrete or asphalt pavement as marked in the field by the Engineer and as described herein. The Contractor shall **sawcut** the existing pavement to ensure clean and proper removal. The pavement shall be sawcut to the full thickness. Sawcutting is incidental to the removal and replacement process. Any additional removal, necessitated by damage caused by the Contractor, is incidental. *Dust masks must be used during all sawcutting activity.*

31a. **WATER MAIN, 16 INCH, LINE STOP** – This pay item includes all labor, equipment, and material necessary to install and maintain a device which is designed and constructed to stop the flow of water through the main to allow the installation of three (3) new 16-inch gate valves. The construction area shall be isolated and shut off using a temporary shut-off method such as a line stop or an alternative Township approved method. Contractor shall coordinate with property owners to minimize disruptions to water supply during constructions. Shutdowns are to be limited to 12 hours, or temporary water services must be supplied. Note: Additional utilities may be present in the work area and will be identified by Miss Dig prior to construction.

31b. **WATER, SLEEVE, 16 INCH**– This pay item includes all labor, equipment, and material necessary to install the specified sleeve as shown on the plans and as described in *Technical Specification 3*.

31c. **WATER MAIN, 20 INCH, LINE STOP** – This pay item includes all labor, equipment, and material necessary to install and maintain a device which is designed and constructed to stop the flow of water through the main to allow the installation of one (1) new 20-inch gate valve. The construction area shall be isolated and shut off using a temporary shut-off method such as a line stop or an alternative Township approved method. Contractor shall coordinate with property owners to minimize disruptions to water supply during constructions. Shutdowns are to be limited to 12 hours, or temporary water services must be supplied. Note: Additional utilities may be present in the work area and will be identified by Miss Dig prior to construction.

31d. **WATER, SLEEVE, 20 INCH**– This pay item includes all labor, equipment, and material necessary to install the specified sleeve as shown on the plans and as described in *Technical Specification 3*.

32a. **WATER, GATE VALVE, 16 INCH (Installation)** – This pay item includes all labor, equipment, and material necessary to install an EJIW FlowMaster® series gate valve with an EJIW screw-type valve box. This includes any and all watermain pipe necessary for installation of the valve. The Township will supply the 16” gate valves, valve boxes, and MEGALUG fittings.

32b. **WATER, GATE VALVE, 20 INCH (Installation)** – This pay item includes all labor, equipment, and material necessary to install an EJIW FlowMaster® series gate valve with an EJIW screw-type valve box. This includes any and all watermain pipe necessary for installation of the valve. The Township will supply the 20” gate valve, valve box, and MEGALUG fittings.

32c. **WATER, GATE VALVE, 8 INCH (EXPOSURE)** – This pay item includes all labor, equipment, and material necessary to expose an existing 8” gate valve located within the driveway at 1830 Grand River Avenue, Okemos, MI 48864. This item shall be completed after the installation of the in-line 16” valve to the west. Contractor shall ensure access to utilize the driveway at this location is maintained throughout construction.

32d. **WATER, GATE VALVE, 8 INCH (REPAIR ALLOWANCE)** – This pay item includes all labor, equipment, and material necessary to repair an existing 8” gate valve located within the driveway at 1830 Grand River Avenue, Okemos, MI 48864. The repair scope will be determined after valve

exposure as the valve type and exact repair parts are not known. An allowance of \$3,000 will be provided for this pay item. Payments for the repair exceeding the allowance amount will be paid for in accordance with "GC.11: CHANGES IN WORK/PAYMENT ADJUSTMENTS".

32e. **WATER, INSERTION VALVE, 16 INCH (Installation)** - This pay item includes all labor, equipment, and material necessary to install a Hydro-Stop [Insta-Valve](#) or similar insertion valve approved by the engineer.

32f. **WATER, INSERTION VALVE, 20 INCH (Installation)** - This pay item includes all labor, equipment, and material necessary to install a Hydro-Stop [Insta-Valve](#) or similar insertion valve approved by the engineer.

40a. **CONCRETE, 4 INCH** – This pay item includes all labor, equipment, and material necessary to install concrete of the specified depth in accordance with Division 4 and the Pathway/Sidewalk Detail Sheet. This work includes joining the proposed concrete to the existing concrete as shown in the Concrete Pinning Detail on the Detail Sheet.

40b. **CONCRETE, 7 INCH** – This pay item includes all labor, equipment, and material necessary to install concrete of the specified depth in accordance with Division 4 and the Pathway/Sidewalk Detail Sheet. This work includes joining the proposed concrete to the existing concrete as shown in the Concrete Pinning Detail on the Detail Sheet.

42. **HMA, 13A** – This pay item includes all labor, equipment, and material necessary to replace asphalt pavement necessitated by the gate valve installation. All pavements shall meet the existing material depth or the following minimum depths, whichever is greater: asphalt roadway, five (5) inches; commercial asphalt driveway, four (4) inches. The pavement on Park Lake Road is expected to be seven to eight (7-8) inches thick.

45a&b. **CURB & GUTTER, REMOVE/REPLACE** – These pay items include all labor, equipment, and material necessary to remove and replace curb and gutter. New curb and gutter shall be tied to the existing with 18 inch, #4 epoxy coated dowels drilled 9 inches into the adjacent curb in accordance with ICRD requirements.

HMA, 13A shall be used to repair any damage to the roadway caused by the contractor. Asphalt shall be used to repair the road only; asphalt shall not extend onto adjacent curb, gutter, or ramps, unless directed by the Engineer. Damaged asphalt shall be sawcut in order to provide a proper surface for the asphalt repair. All such asphalt repair work shall be considered incidental.

53a. **EROSION CONTROL, SILT FENCE** – This pay item includes all labor, equipment, and material necessary to install and maintain silt fence in accordance with Section 208 of the MDOT 2020 SSC. Final retainage will not be released until all SESC measures have been successfully removed.

53b. **EROSION CONTROL, INLET PROTECTION, FABRIC DROP** – This pay item includes all labor, equipment, and material necessary to install and maintain a device which is designed and constructed for use in the specified structure. Catch basin sediment guards shall be installed prior to construction, cleaned and maintained in a working state for the duration of the project, and removed and disposed of upon final completion and restoration of the construction site. Grass shall be growing before the sediment guards are removed, and retainage will not be released until the sediment guards are fully removed.

54. **SITE RESTORATION** – This pay item includes all labor, equipment, and material necessary to restore disturbed grass areas in accordance with the MDOT 2020 Standard Specifications for Construction (SSC), Section 816, and as described herein. The disturbed areas shall be restored to grade with three (3) inches of screened topsoil. For slopes less than 1:4, hydroseeding may be utilized with fertilizer, loose mulch, and a spray-applied tackifier. For slopes greater than 1:4, mulch blankets must be used.

All soil within the road zone of influence shall be restored and compacted to the specifications of both MDOT and the Township.

DISTANCE BETWEEN TRAFFIC SIGNS, "D"

"D" DISTANCES	POSTED SPEED LIMIT, MPH (PRIOR TO WORK AREA)										
	25	30	35	40	45	50	55	60	65	70	75
D (FEET)	250	300	350	400	450	500	550	600	650	700	750

GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE, "B"

"B" LENGTHS	SPEED*, MPH (PRIOR TO WORK AREA)											
	20	25	30	35	40	45	50	55	60	65	70	75
B (FEET)	33	50	83	132	181	230	279	329	411	476	542	625

* POSTED SPEED, OFF-PEAK 85TH PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED.

MINIMUM MERGING TAPER LENGTH, "L" (FEET)

OFFSET (FEET)	POSTED SPEED LIMIT, MPH (PRIOR TO WORK AREA)										
	25	30	35	40	45	50	55	60	65	70	75
1	11	15	21	27	45	50	55	60	65	70	75
2	21	30	41	54	90	100	110	120	130	140	150
3	32	45	62	80	135	150	165	180	195	210	225
4	42	60	82	107	180	200	220	240	260	280	300
5	53	75	103	134	225	250	275	300	325	350	375
6	63	90	123	160	270	300	330	360	390	420	450
7	73	105	143	187	315	350	385	420	455	490	525
8	84	120	164	214	360	400	440	480	520	560	600
9	94	135	184	240	405	450	495	540	585	630	675
10	105	150	205	267	450	500	550	600	650	700	750
11	115	165	225	294	495	550	605	660	715	770	825
12	125	180	245	320	540	600	660	720	780	840	900
13	136	195	266	347	585	650	715	780	845	910	975
14	146	210	286	374	630	700	770	840	910	980	1050
15	157	225	307	400	675	750	825	900	975	1050	1125

NOT TO SCALE

	NOT TO SCALE	MAINTAINING TRAFFIC TYPICAL	"B", "D" AND "L" TABLES CHANNELIZING DEVICE SPACING, SIGN BORDER KEY, AND ROLL-AHEAD SPACING	DATE: MAY 2021
		NO: 101-GEN-SPACING-CHARTS		SHEET: 1 OF 3

FILE: 101-GEN-SPACING-CHARTS.dgn

THE FORMULAS FOR THE MINIMUM LENGTH OF A MERGING TAPER IN DERIVING THE "L" VALUES SHOWN IN THE ABOVE TABLES ARE AS FOLLOWS:

"L" = $\frac{W \times S^2}{60}$ WHERE POSTED SPEED PRIOR TO THE WORK AREA IS 40 MPH OR LESS

"L" = W X S WHERE POSTED SPEED PRIOR TO THE WORK AREA IS 45 MPH OR GREATER

L = MINIMUM LENGTH OF MERGING TAPER
 S = POSTED SPEED LIMIT IN MPH PRIOR TO WORK AREA
 W = WIDTH OF OFFSET

TYPES OF TAPERS

UPSTREAM TAPERS

- MERGING TAPER
- SHIFTING TAPER
- SHOULDER TAPER
- 2 TO 1 LANE ROAD TAPER

TAPER LENGTH

- L - MINIMUM
- 1/2 L - MINIMUM
- 1/3 L - MINIMUM
- 100' - MAXIMUM

DOWNSTREAM TAPERS
 (USE IS RECOMMENDED)

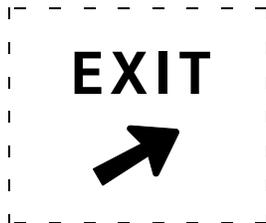
100' (PER LANE)

MAXIMUM SPACING FOR CHANNELIZING DEVICES

WORK ZONE SPEED LIMIT	DRUM AND 42" DEVICE SPACING (FT)		NIGHTTIME 42" DEVICE SPACING (FT)	
	TAPER	TANGENT	TAPER	TANGENT
< 45 MPH	1 x SPEED LIMIT	2 x SPEED LIMIT	25 FEET	50 FEET
≥ 45 MPH	50 FEET	100 FEET	25 FEET	50 FEET

SIGN OUTLINE KEY

DASHED OUTLINES INDICATE A SIGN THAT EXISTS ON SITE, AND NEEDS TO BE COVERED.



SOLID OUTLINES INDICATE A SIGN THAT IS TO BE PLACED ON THE PROJECT



NOT TO SCALE

	NOT TO SCALE	MAINTAINING TRAFFIC TYPICAL	"B", "D" AND "L" TABLES CHANNELIZING DEVICE SPACING SIGN BORDER KEY AND ROLL-AHEAD SPACING	DATE: MAY 2021
		NO: 101-GEN-SPACING-CHARTS		SHEET: 2 OF 3

FILE: 101-GEN-SPACING-CHARTS.dgn

THE FOLLOWING NOTES APPLY IF CALLED FOR ON THE TRAFFIC TYPICAL

GENERAL NOTES

- G1: SEE GEN-SPACING-CHARTS FOR COMMON VALUES INCLUDING:
D = DISTANCE BETWEEN TRAFFIC CONTROL DEVICES
L = MINIMUM LENGTH OF TAPER
B = LENGTH OF LONGITUDINAL BUFFER
ROLL AHEAD DISTANCE
- G2: DISTANCE BETWEEN SIGNS, "D", THE VALUES FOR WHICH ARE SHOWN IN TYPICAL GEN-KEY ARE APPROXIMATE AND MAY NEED ADJUSTING AS DIRECTED BY THE ENGINEER.
- G3: ALL TEMPORARY SIGNS, TYPE III BARRICADES, THEIR SUPPORT SYSTEMS AND LIGHTING MUST MEET NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 350 (NCHRP 350) TEST LEVEL 3, OR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) TL-3 AS WELL AS THE CURRENT EDITION OF THE MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE STANDARD PLANS AND APPLICABLE SPECIAL PROVISIONS. ONLY DESIGNS AND MATERIALS APPROVED BY MDOT WILL BE ALLOWED.
- G4: DO NOT STORE EQUIPMENT, MATERIALS OR PERFORM WORK IN ESTABLISHED BUFFER AREAS.
- G5: ALL EXISTING PAVEMENT MARKINGS WHICH ARE IN CONFLICT WITH EITHER PROPOSED CHANGES IN TRAFFIC PATTERNS OR PROPOSED TEMPORARY TRAFFIC MARKINGS SHALL BE REMOVED BEFORE ANY CHANGE IS MADE IN THE TRAFFIC PATTERN. EXCEPTION WILL BE MADE FOR TRAFFIC PATTERNS FOR WORK LESS THAN THREE DAYS THAT ARE ADEQUATELY DELINEATED BY OTHER TRAFFIC CONTROL DEVICES.

SIGN NOTES

- S1: ALL NON-APPLICABLE SIGNING WITHIN THE CIA MUST BE MODIFIED TO FIT CONDITIONS, COVERED, OR REMOVED. FOR GUIDANCE SEE THE WORK ZONE SAFETY AND MOBILITY MANUAL, SECTIONS 6.01.09 AND 6.01.10.
- S2: R5-18b SIGNS ARE ONLY REQUIRED ON FREEWAY PROJECTS WITH A DURATION OF 15 DAYS OR LONGER OR NON-FREEWAY PROJECTS WITH A DURATION OF 90 DAYS OR LONGER. TO APPLY THIS TYPICAL WITHOUT R5-18b SIGNS, REMOVE THE SIGNS AND CONSOLIDATE THE SEQUENCE AS APPROPRIATE.
- S3: R5-18c IS ONLY REQUIRED IN THE INITIAL SIGNING SEQUENCE IN THE WORK ZONE. OMIT THIS SIGN IN SUBSEQUENT SEQUENCES IN THE SAME WORK ZONE.
- S4: ADDITIONAL SIGNING AND/OR ELONGATED SIGNING SEQUENCES SHOULD BE USED WHEN TRAFFIC VOLUMES ARE SIGNIFICANT ENOUGH TO CREATE BACKUPS BEYOND THE W20-5 SIGNS.
- S5: PLACE ADDITIONAL SPEED LIMIT SIGNS REFLECTING THE WORK ZONE SPEED AFTER EACH MAJOR CROSSROAD THAT INTERSECTS THE WORK ZONE, OR AFTER EACH ENTRANCE RAMP THAT COMES ONTO THE FREEWAY WHERE THE REDUCED SPEED IS IN EFFECT. PLACE ADDITIONAL SPEED LIMIT SIGNS AT INTERVALS ALONG THE ROADWAY SUCH THAT NO SPEED LIMIT SIGNS ARE MORE THAN 2 MILES APART. WHEN REDUCED SPEED LIMITS ARE UTILIZED IN THE WORK AREA, PLACE ADDITIONAL SPEED LIMIT SIGNS RETURNING TRAFFIC TO ITS NORMAL SPEED BEYOND THE LIMITS OF THE WORK AREA AS INDICATED. IF PERMANENT SIGNS DISPLAYING THE CORRECT SPEED LIMIT ARE POSTED, OMIT ALL W3-5b AND R2-1 SIGNS AND REDUCE SPACING ACCORDINGLY.
- S6: FABRICATE SPECIAL SIGNS IN ACCORDANCE WITH CURRENT SIGNING DESIGN STANDARDS.
- S7: PLACE ADDITIONAL R8-3 SIGNS AT A MAXIMUM 500' SPACING THROUGHOUT THE WORK ZONE.
- S8: WHEN SPEED LIMIT SIGNS CANNOT BE PLACED SIDE BY SIDE AS SHOWN, PLACE THEM "D" DISTANCE APART.
- S9: STOP SIGNS NOT REQUIRED IF SIGNALS ARE ON 4-WAY FLASHING RED. STOP AHEAD SIGNS ARE NOT REQUIRED IF THERE IS ADEQUATE VISIBILITY OF THE STOP SIGN OR IF SIGNALS ARE BEING USED TO CONTROL TRAFFIC.
- S10: PLACE REDUCED SPEED ZONE AHEAD SIGN (W3-5b) HERE WHEN USING A SPEED REDUCTION IN THIS DIRECTION.
- S11: THE NUMBER OF W1-6 SHIFT SIGNS TO PLACE FOR A SHIFT IS AS FOLLOWS:
SHIFTS 4FT OR LESS, PLACE ONE W1-6(R)(L)
SHIFTS 5FT TO 12FT, PLACE TWO W1-6(R)(L)
SHIFTS MORE THAN 12FT, PLACE THREE OR MORE W1-6(R)(L) SIGNS DEPENDING UPON LENGTH OF SHIFT AND AS PER THE ENGINEER.
- S12: PLACE R2-1 SIGNS AS DETAILED IN NOTE S5 WHEN THERE IS A SPEED REDUCTION IN THIS DIRECTION

TRAFFIC REGULATOR NOTES

- TR1: TRAFFIC REGULATORS MUST FOLLOW ALL THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS, THE STANDARD PLANS AND APPLICABLE SPECIAL PROVISIONS, THE CURRENT VERSIONS OF THE TRAFFIC REGULATOR'S INSTRUCTION MANUAL AND THE VIDEO "HOW TO SAFELY REGULATE TRAFFIC IN MICHIGAN". THE MAXIMUM DISTANCE BETWEEN THE TRAFFIC REGULATORS IS DETERMINED BY THE ROADWAY ADT, GEOMETRICS, AND AS DIRECTED BY THE ENGINEER.
- TR2: PROVIDE APPROPRIATE BALLOON LIGHTING TO SUFFICIENTLY ILLUMINATE TRAFFIC REGULATOR'S STATIONS WHEN TRAFFIC REGULATING IS ALLOWED DURING THE HOURS OF DARKNESS.

TEMPORARY TRAFFIC CONTROL DEVICE NOTES

- TCD1: THE MAXIMUM DISTANCE IN FEET BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD NOT EXCEED 1.0 TIMES THE WORK ZONE SPEED LIMIT IN MPH FOR ROADWAYS WITH A POSTED WORK ZONE SPEED LIMIT LESS THAN 45 MPH AND SHOULD NOT EXCEED 50 FEET ON ROADWAYS WITH A POSTED WORK ZONE SPEED LIMIT OF 45 MPH OR GREATER. THE SPACING FOR 42 INCH CHANNELIZING DEVICE TAPERS ARE NOT TO EXCEED 25 FEET AT NIGHT.
- TCD2: THE MAXIMUM DISTANCE IN FEET BETWEEN CHANNELIZING DEVICES IN A TANGENT SHOULD NOT EXCEED TWICE THE WORK ZONE SPEED LIMIT IN MPH FOR ROADWAYS WITH A POSTED WORK ZONE SPEED LIMIT LESS THAN 45 MPH AND SHOULD NOT EXCEED 100 FEET ON ROADWAYS WITH A POSTED WORK ZONE SPEED LIMIT OF 45 MPH OR GREATER. THE SPACING FOR 42 INCH CHANNELIZING DEVICE TANGENTS ARE NOT TO EXCEED 50 FEET AT NIGHT.
- TCD3: TYPE III BARRICADES MUST BE LIGHTED FOR OVERNIGHT CLOSURES.
- TCD4: WHEN THE HAUL ROAD IS NOT IN USE, PLACE LIGHTED TYPE III BARRICADES WITH "ROAD CLOSED" EXTENDING COMPLETELY ACROSS THE HAUL ROAD.
- TCD5: USE VERTICAL PANELS IN LIEU OF THE TYPE B HIGH INTENSITY LIGHT SHOWN IN THE STANDARD PLAN FOR TEMPORARY CONCRETE BARRIER (R-53, AND R-126) WHEN USED WITH A TEMPORARY SIGNAL SYSTEM.
- TCD6: PLACE LIGHTED ARROW PANELS AS CLOSE TO THE BEGINNING OF TAPERS AS PRACTICAL, BUT NOT IN A MANNER THAT WILL OBSCURE OR CONFUSE APPROACHING MOTORISTS WHEN PHYSICAL LIMITATIONS RESTRICT PLACEMENT. IN CURBED SECTIONS, IF ARROW BOARD CANNOT BE PLACED BEHIND CURB, PLACE ARROW BOARD IN THE CLOSED LANE AS CLOSE TO THE BEGINNING OF TAPER AS POSSIBLE.
- TCD7: ADDITIONAL TYPE III BARRICADES MAY BE REQUIRED TO COMPLETELY CLOSE OFF ROAD FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
- TCD8: WHERE THE SHIFTED SECTION IS SHORTER THAN 600 FEET, A DOUBLE REVERSE CURVE SIGN (W24-1) CAN BE USED INSTEAD OF THE FIRST REVERSE CURVE SIGN, AND THE SECOND REVERSE CURVE SIGN CAN BE OMITTED.
- TCD9: RUMBLE STRIPS ARE TO BE PLACED AS SPECIFIED IN THE CONTRACT. IF NOT SPECIFIED IN THE CONTRACT, PLACE RUMBLE STRIPS AS SHOWN, AND IN ACCORDANCE WITH THE RUMBLE STRIP MANUFACTURER'S RECOMMENDATIONS. AN ARRAY OF RUMBLE STRIPS CONTAINS THREE RUMBLE STRIPS. PLACE THE RUMBLE STRIPS IN THE ARRAY AT A CONSISTENT DISTANCE, BETWEEN 10' AND 20' APART.
- TCD10: SEE THE WORK ZONE SAFETY AND MOBILITY MANUAL, PORTABLE CHANGEABLE MESSAGE SIGN GUIDELINES FOR RECOMMENDED AND CORRECT PCMS MESSAGING. STAGGER PCMS THAT ARE ON OPPOSING SIDES OF THE ROAD 1000 FEET FROM EACH OTHER.

RAMP NOTES

- RMP1: WHEN CONDITIONS ALLOW, E5-1 SIGNS MUST BE REMOVED OR COVERED AND CHANNELIZING DEVICES MUST BE POSITIONED TO ENABLE RAMP TRAFFIC TO DIVERGE IN A FREE MANNER
- RMP2: STOP AND YIELD CONDITIONS SHOULD BE AVOIDED WHENEVER PRACTICAL. WHEN CONDITIONS WARRANT, R1-1 SIGNS MAY BE USED IN PLACE OF R1-2 SIGNS. WHEN R-1 SIGNS ARE USED, W3-1 SIGNS MUST BE USED IN PLACE OF W3-2 SIGNS. CONSIDERATION SHOULD BE GIVEN TO CLOSING THE RAMP TO COMPLETE WORK TO ALLOW AN ADEQUATE MERGE DISTANCE. WORK SHOULD BE EXPEDITED TO AVOID THE STOP AND/OR YIELD CONDITIONS.

	NOT TO SCALE	MAINTAINING TRAFFIC TYPICAL	<p align="center">TRAFFIC TYPICALS NOTE SHEET</p>	DATE: MAY 2021
		NO: 102-GEN-NOTES		SHEET: 1 OF 2

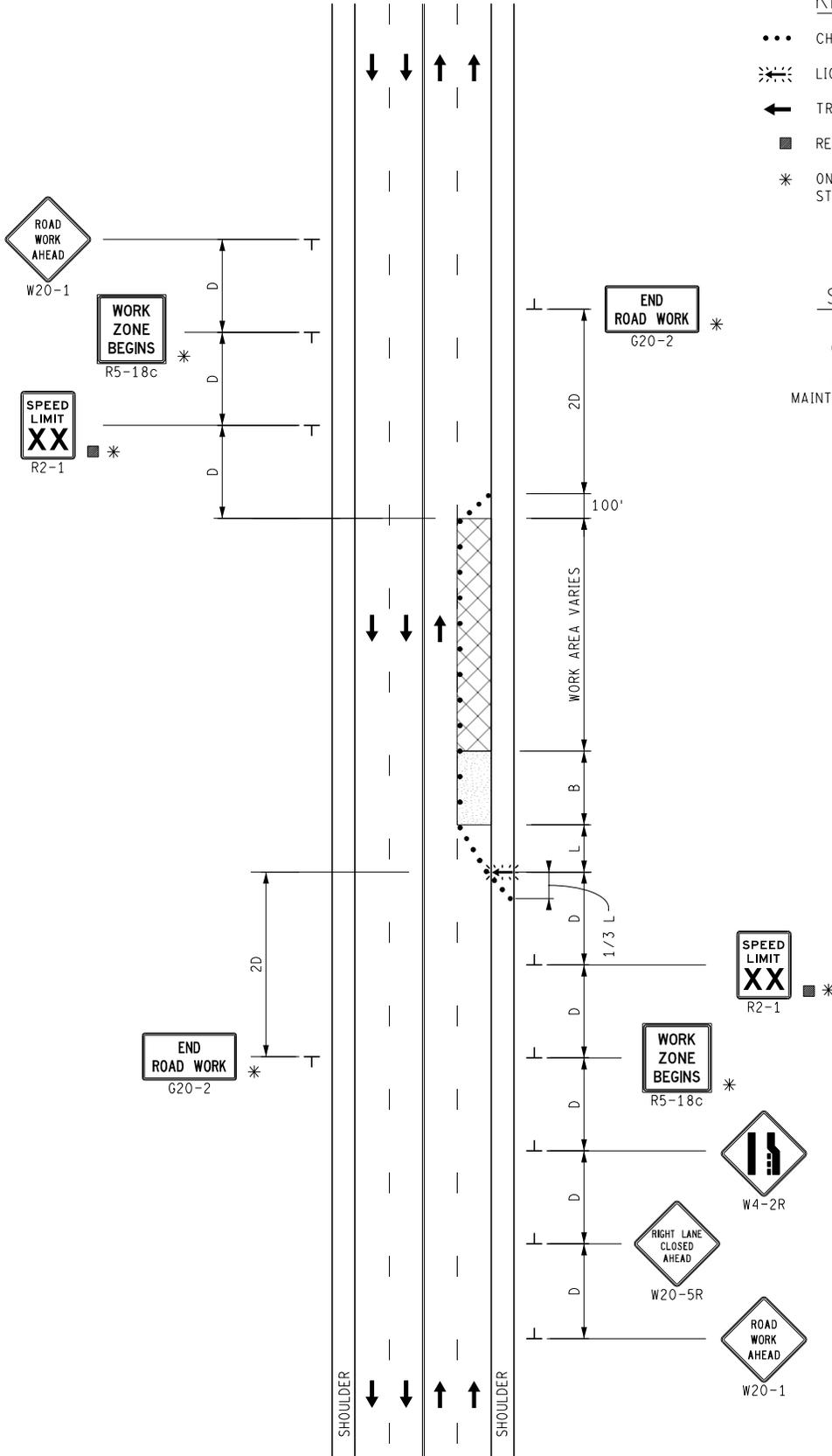
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KEY

- CHANNELIZING DEVICES
- ⚡ LIGHTED ARROW PANEL
- ← TRAFFIC FLOW
- REFLECTS EXISTING SPEED LIMIT
- * ONLY REQUIRED FOR INTERMEDIATE-TERM STATIONARY AND LONG-TERM STATIONARY

STANDARD NOTES

(SEE 102-GEN-NOTES)
 GENERAL: G1, G2, G3, G4
 SIGNING: S1, S3
 DEVICES: TCD1, TCD2, TCD6
 MAINT & SURV MS2, MS3, MS4



NOT TO SCALE

	MAINTENANCE MAINTAINING TRAFFIC TYPICAL	DURATION: LONG-TERM STATIONARY INTERMEDIATE-TERM STATIONARY SHORT-TERM STATIONARY	RIGHT LANE CLOSURE ON AN UNDIVIDED MULTI-LANE ROADWAY, NO SPEED REDUCTION	DATE: MAY 2021
				NO: 4123A-M-NFW-1LC-(R)
				SHEET: 1 OF 1

FILE: 4123A-M-NFW-1LC-(R).dgn

Notes for Figure 6H-22—Typical Application 22
Right Lane Closure on Far Side of Intersection

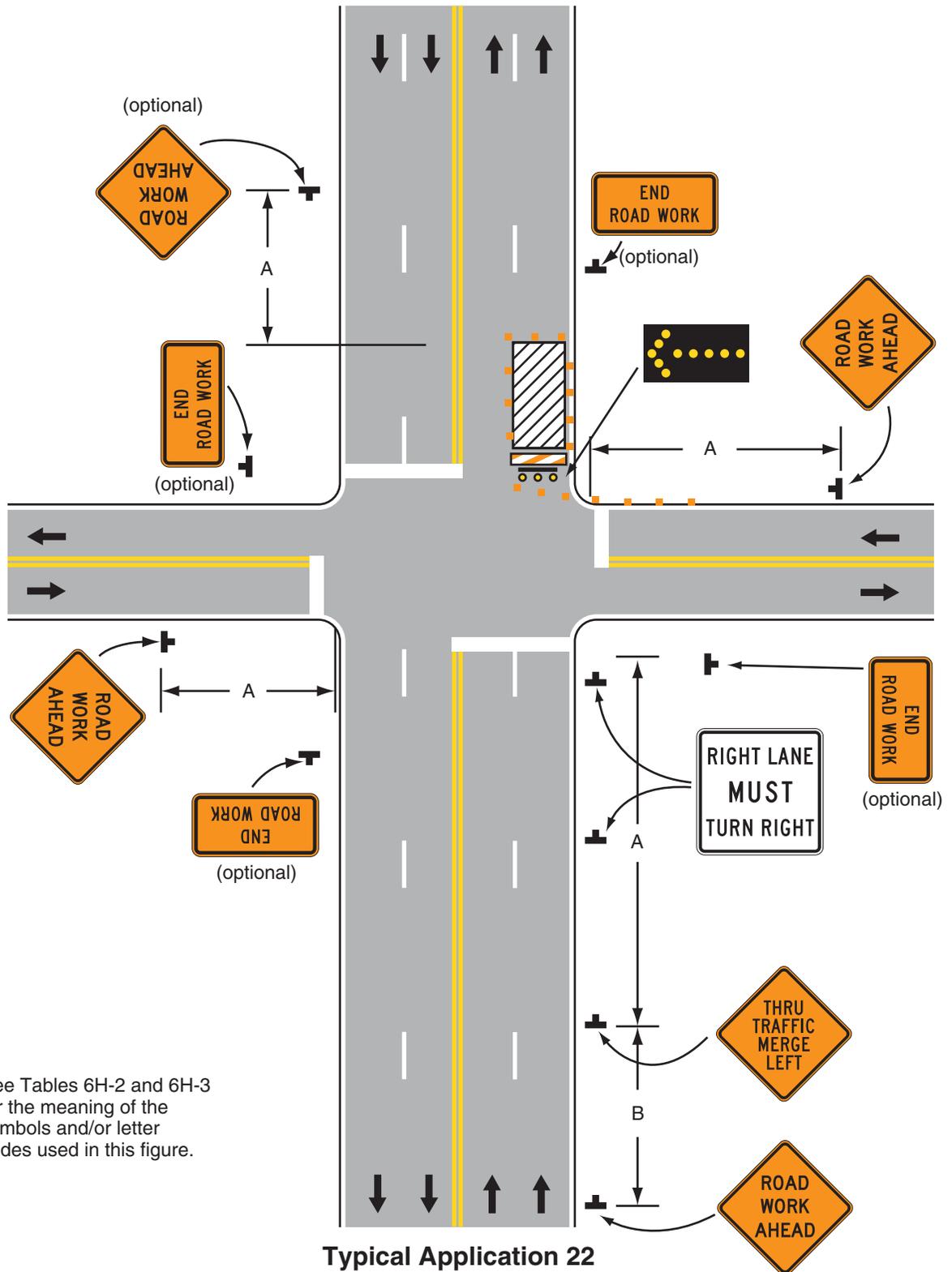
Guidance:

1. If the work space extends across a crosswalk, the crosswalk should be closed using the information and devices shown in Figure 6H-29.

Option:

2. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only, as shown. This procedure increases the through capacity by eliminating right turns from the open through lane.
3. For intersection approaches reduced to a single lane, left-turning movements may be prohibited to maintain capacity for through vehicular traffic.
4. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
5. Where the turning radius is large, it may be possible to create a right-turn island using channelizing devices or pavement markings.

Figure 6H-22. Right Lane Closure on Far Side of Intersection (TA-22)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 22

Gate Valve Replacement 2025 Options - Line Stops

Did not acknowledge addendum and did not include bid bond

ITEM	DESCRIPTION	QTY		Engineer's Estimate 5151 Marsh Road Okemos, MI 48864		Aesir Group LLC 23688 Mabel Ct. Brownstown, MI, 48183		Fonson Company, Inc. 7644 Whitmore Lake Road Brighton, MI 48116		TL Contracting, Inc. 16803 Industrial Parkway Lansing, MI 48906		E.T. MacKenzie Company 4248 W. Saginaw Grand Ledge, MI 48837		Leavitt & Starck Excavating, Inc. 16220 National Parkway Lansing, MI 48906		Scarlett Excavating 16486 Grove Road Lansing, MI 48906		Cal's Excavating, Inc. 2661 Norvell Rd Grass Lake, MI 49240	
				PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1a.	Traffic Control (Grand River Ave)	1	LSUM	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$23,329.00	\$23,329.00	\$ 30,000.00	\$ 30,000.00	\$21,750.00	\$21,750.00	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00
1b.	Traffic Control (Park Lake Ave)	1	LSUM	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$10,256.00	\$10,256.00	\$ 26,200.00	\$ 26,200.00	\$15,750.00	\$15,750.00	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00
9a.	Pavt, Rem, Concrete	200	SF	\$5.00	\$1,000.00	\$20.00	\$4,000.00	\$5.06	\$1,012.00	\$13.31	\$2,662.00	\$ 12.75	\$ 2,550.00	\$8.00	\$1,600.00	\$40.00	\$8,000.00	\$5.00	\$1,000.00
9b.	Pavt, Rem, Asphalt	500	SF	\$5.00	\$2,500.00	\$20.00	\$10,000.00	\$9.13	\$4,565.00	\$7.32	\$3,660.00	\$ 30.70	\$ 15,350.00	\$12.00	\$6,000.00	\$20.00	\$10,000.00	\$5.00	\$2,500.00
31a.	Water Main, 16 inch, Line Stop	6	EA	\$10,000.00	\$60,000.00	\$20,000.00	\$120,000.00	\$21,000.00	\$126,000.00	\$11,728.33	\$70,369.98	\$ 22,200.00	\$ 133,200.00	\$24,853.00	\$149,118.00	\$36,000.00	\$216,000.00	\$14,000.00	\$84,000.00
31b.	Water, Sleeve, 16 inch	3	EA	\$3,000.00	\$9,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$9,000.00	\$2,068.67	\$6,206.01	\$ 4,100.00	\$ 12,300.00	\$4,411.41	\$13,234.23	\$9,500.00	\$28,500.00	\$1,500.00	\$4,500.00
31c.	Wate Main, 20 inch, Line Stop	2	EA	\$14,000.00	\$28,000.00	\$30,000.00	\$60,000.00	\$26,000.00	\$52,000.00	\$13,454.00	\$26,908.00	\$ 24,600.00	\$ 49,200.00	\$27,462.50	\$54,925.00	\$48,500.00	\$97,000.00	\$20,000.00	\$40,000.00
31d.	Water, Sleeve, 20 inch	1	EA	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$5,009.00	\$5,009.00	\$ 5,350.00	\$ 5,350.00	\$5,131.40	\$5,131.40	\$13,500.00	\$13,500.00	\$2,200.00	\$2,200.00
32a.	Water, Gate Valve, 16 inch (Installation)	3	EA	\$45,000.00	\$135,000.00	\$20,000.00	\$60,000.00	\$25,000.00	\$75,000.00	\$53,096.33	\$159,288.99	\$ 27,100.00	\$ 81,300.00	\$34,242.00	\$102,726.00	\$15,000.00	\$45,000.00	\$50,000.00	\$150,000.00
32b.	Water, Gate Valve, 20 inch (Installation)	1	EA	\$55,000.00	\$55,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$65,632.00	\$65,632.00	\$ 39,500.00	\$ 11,600.00	\$36,140.00	\$36,140.00	\$17,500.00	\$17,500.00	\$75,000.00	\$75,000.00
32c.	Water, Gate Valve, 8 inch (Exposure)	1	EA	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$1,159.00	\$1,159.00	\$ 11,600.00	\$ 39,500.00	\$12,430.00	\$12,430.00	\$8,500.00	\$8,500.00	\$10,000.00	\$10,000.00
32d.	Water, Gate Valve, 8 inch (Repair Allowance)	1	EA	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$ 3,000.00	\$ 3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
40a.	Concrete, 4 inch	200	SF	\$18.00	\$3,600.00	\$25.00	\$5,000.00	\$21.00	\$4,200.00	\$26.31	\$5,262.00	\$ 32.80	\$ 6,560.00	\$35.12	\$7,024.00	\$15.00	\$3,000.00	\$15.00	\$3,000.00
40b.	Concrete, 7 inch	100	SF	\$22.00	\$2,200.00	\$50.00	\$5,000.00	\$23.00	\$2,300.00	\$38.62	\$3,862.00	\$ 67.80	\$ 6,780.00	\$56.12	\$5,612.00	\$20.00	\$2,000.00	\$35.00	\$3,500.00
42.	HMA, 13A	30	TN	\$400.00	\$12,000.00	\$100.00	\$3,000.00	\$700.00	\$21,000.00	\$659.07	\$19,772.10	\$ 555.00	\$ 16,650.00	\$315.00	\$9,450.00	\$400.00	\$12,000.00	\$350.00	\$10,500.00
45a.	Curb & Gutter, Inst	40	FT	\$30.00	\$1,200.00	\$100.00	\$4,000.00	\$18.00	\$720.00	\$49.55	\$1,982.00	\$ 39.25	\$ 1,570.00	\$25.00	\$1,000.00	\$25.00	\$1,000.00	\$10.00	\$400.00
45b.	Curb & Gutter, Rem	40	FT	\$60.00	\$2,400.00	\$100.00	\$4,000.00	\$68.66	\$2,746.40	\$73.55	\$2,942.00	\$155.00	\$6,200.00	\$104.75	\$4,190.00	\$45.00	\$1,800.00	\$55.00	\$2,200.00
53a.	Erosion Control, Silt Fence	200	FT	\$3.00	\$600.00	\$40.00	\$8,000.00	\$6.00	\$1,200.00	\$8.31	\$1,662.00	\$11.90	\$2,380.00	\$5.25	\$1,050.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00
53b.	Erosion Control, Inlet Protection, Fabric Drop	5	EA	\$150.00	\$750.00	\$200.00	\$1,000.00	\$124.56	\$622.80	\$115.00	\$575.00	\$450.00	\$2,250.00	\$262.50	\$1,312.50	\$200.00	\$1,000.00	\$82.00	\$410.00
54.	Site Restoration	1	LSUM	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00	\$13,000.00	\$13,000.00	\$5,734.00	\$5,734.00	\$11,900.00	\$11,900.00	\$15,700.00	\$15,700.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00
Total:				\$381,250.00	Total:	\$412,000.00	Total:	\$417,366.20	Total:	\$419,271.08	Total:	\$ 463,840.00	Total:	\$467,143.13	Total:	\$529,800.00	Total:	\$416,210.00	



To: Board Members

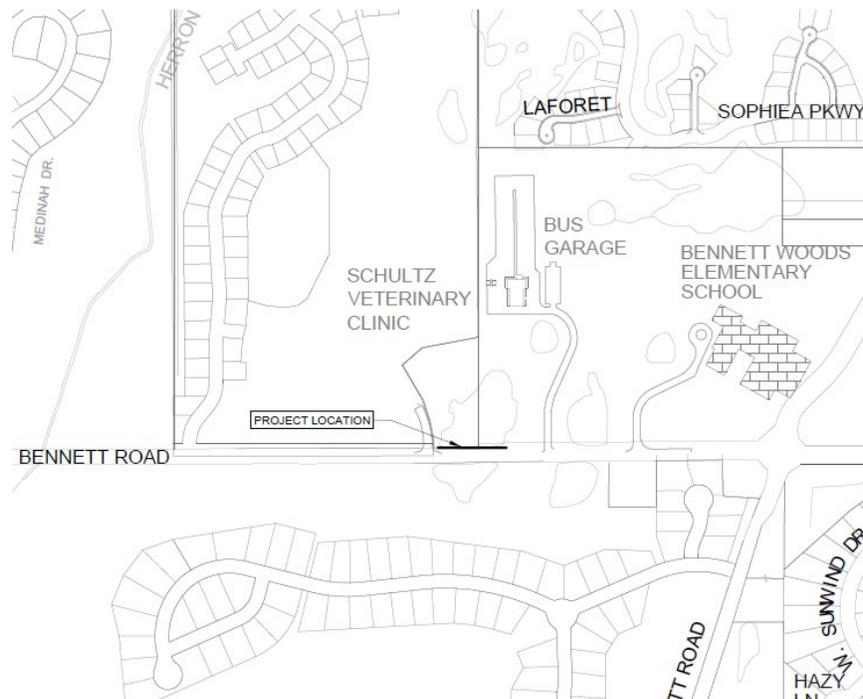
**From: Dan Opsommer, Deputy Township Manager
Director of Public Works and Engineering**

Date: June 24, 2025

Re: Permit to Cross Drain - Schultz Pathway Project

As part of the Township’s approvals to construct the Schultz Pathway Project later this year, we must execute a drain crossing permit with the Ingham County Drain Commissioner’s Office to cross the Hoskins Drain, an existing drain located within the Township’s project limits, and to encroach within the drain easement.

The Township’s project involves constructing concrete pathway and a boardwalk to fill in this existing gap in the Township’s pathway system:



Before the Board this evening is the Permit to Cross a Drain and Encroach within the Drain Easement for the Schultz Pathway Project.

We are happy to answer any questions the Board may have.



Memo to Township Board
June 24, 2025
Re: Permit to Cross Drain - Schultz Pathway Project

The following motion has been prepared for the Board's consideration:

**MOVE TO APPROVE THE LICENSE AGREEMENT WITH CONSUMERS ENERGY AND
DIRECT THE TOWNSHIP SUPERVISOR AND CLERK TO EXECUTE THE AGREEMENT.**

Attachment:

1. Hoskins Drain – Permit to Cross a Drain and Encroach within the Drain Easement for the Schultz Pathway Project

HOSKINS DRAIN

PERMIT TO CROSS A DRAIN AND ENCROACH WITHIN DRAIN EASEMENT SCHULTZ PATHWAY

25- _____

WHEREAS, the Hoskins Drain (“Drain”) is a county drain under the jurisdiction of the Ingham County Drain Commissioner (“Drain Commissioner”) 707 Buhl Avenue, Mason, MI 48854; and

WHEREAS, Meridian Charter Township (the “Township”) has proposed to construct a public non-motorized pathway (commonly referred to as the “Schultz Pathway”) consisting of a 9-foot-wide boardwalk (“Boardwalk”).

WHEREAS, the Boardwalk is proposed to be constructed over and across Parcel Identification Nos. 33-02-02-29-300-014 and 33-02-02-29-451-002 (the “Properties”). The Properties are described in **Exhibit A** and the Boardwalk is depicted in **Exhibit B**; and,

WHEREAS, the Township has obtained easements over the Properties for the construction and maintenance of the Boardwalk. Copies of the Township easements over Properties are attached as **Exhibit C**.

WHEREAS, the Drain Commissioner on behalf of the Drainage District maintains a drain easement on, over and across the Properties for the operation, maintenance, repair and improvement of the Drain (“Drain Easement”). The Drain Easement is attached hereto as **Exhibit D**; and

WHEREAS, the Township’s proposed construction and public use of the Boardwalk would cross the Drain and encroach upon the Drain Easement and would affect the ability of the Drain Commissioner to fully operate, maintain, repair, re-locate, or otherwise improve the Drain on the Properties, and further, acknowledges and agrees that the Drain Commissioner shall have the unencumbered ability to maintain the Drain; and,

WHEREAS, the Township has been advised, understands and agrees that the Boardwalk will require a crossing and encroachment permit for the construction and installation of the Boardwalk (the “Permit”) within and on the Drain Easement; and

WHEREAS, the Township has been advised, understands and agrees to assume the total costs necessary to construct and install the Boardwalk related to this Permit, including any fees attendant to this Permit; and

WHEREAS, the Drain Commissioner has reviewed the Township's proposed plans and specifications for the construction of the Boardwalk, dated April 17, 2025, and attached hereto as **Exhibit E** ("Plans"), and has agreed to authorize the Township to construct and install the Boardwalk, subject to the terms and conditions of this Permit set forth below.

NOW, THEREFORE, in consideration of the premises and covenants of each, the Parties agree as follows:

1. The Township is authorized to construct and install the Boardwalk across the Drain and within the Drain Easement in accordance with Plans, attached hereto as **Exhibit E**, and in accordance with generally accepted construction methods. The Township shall not make any other crossings or encroachments or perform any other activities on the Drain or within the Drain Easement except as provided in **Exhibit E** without prior written permission of the Drainage District.
2. The Township has deposited \$550.00 with the Drain Commissioner for permit application fees.
3. The Township shall notify the Drain Commissioner's office at least three (3) business days prior to the construction and installation of the Boardwalk by calling Angelica Cosman, ICDC Drain Engineer, at the Drain Commissioner's office at (517) 719-5431. The Township shall not commence or construct the Boardwalk authorized herein without an Ingham County Drain Office inspector present, unless the inspector determines it is not necessary. The Drain Commissioner may have an inspector present at all times during the construction and installation of the Boardwalk.
4. The Township shall obtain any and all permits required by any federal, state or local permitting agencies, including, but not limited to Parts 31, 91, 301 and 303 of the Michigan Natural Resources and Environmental Protection Act, Public Act 451 of 1994, as amended. In addition, the Township warrants that it has all of the necessary property rights on, over and across the Properties to construct the Boardwalk and the public use of the same. The Drain Commissioner shall be provided copies of all correspondence and reports involving any governmental agency with respect to the Boardwalk on the Drain.
5. The Township shall not obstruct the flow of water in the Drain as defined by Sections 421 of the Drain Code, MCL 280.421, unless specifically authorized in writing by the Drain Commissioner acting on behalf of the Drainage District.
6. The Township shall maintain all Part 91 Soil Erosion and Sedimentation Control measures to prevent sedimentation of the Drain and adjacent waters of the State at all

times during construction of the Boardwalk authorized herein. The Drain Commissioner may stop the construction and installation of the Boardwalk should sedimentation of the Drain occur during the construction and installation of the Boardwalk authorized herein.

7. Within thirty (30) days of completion of the Boardwalk as authorized herein, the Township shall provide the Drain Commissioner with one (1) copy of as-built drawings of the crossing of the Drain and the encroachment on the Drain Easement, sealed by a Michigan licensed professional engineer. The as-built drawing shall show the Drain Easement, location of the crossings and encroachments, and all other relevant information for the authorized crossing of the Drain and the encroachment within the Drain Easement. The as-built drawing shall be submitted as a digital (pdf) file. If the Township fails to timely provide the as-built drawings, the Township agrees to be responsible for all costs incurred by the Drainage District and/or Drain Commissioner, including but not limited to the costs incurred to survey and prepare the required as-built drawings, and any related attorney fees.
8. The Township shall be responsible for any increased costs for the future maintenance or improvement of the Drain incurred by the Drain Commissioner or Drainage District due to the existence of the Boardwalk within the Drain Easement. In the event that the Drain Commissioner requires removal or damages the Boardwalk in connection with the maintenance of the Drain, Township shall be responsible all restoration costs. Neither the Drain Commissioner or Drainage District shall be responsible for any damages, including, consequential or business disruption damages, in connection with the operation and maintenance of the Drain.
9. Failure to comply with the terms and conditions of this Permit shall constitute a violation and may result in the revocation of the Permit and removal of Boardwalk.
10. To the extent permitted by law, the Township agrees to indemnify, defend and hold harmless the Drainage District and Drain Commissioner against any and all claims or liability whatsoever for injuries or damages allegedly sustained by any person or business as a result of, or in any way related to, the construction, occupation and use of the Easement and operations conducted thereon by Township, including payment of attorneys and engineering fees incurred by the Drainage District or Drain Commissioner in defense of a claim. During construction of Boardwalk, the Township also agrees to add or have its contractors add the Drainage District, Drain Commissioner, its respective officers, employees and representatives as an “additional insureds” on the Township’s or contractor’s liability policies applicable to matters addressed in this Permit.
11. This instrument contains the entire agreement between the Parties relating to the rights herein granted and the obligations herein assumed. Any oral representations or modifications concerning this instrument shall be of no force and effect. Any modification of this Permit must be in writing and must be signed by the party to be charged.

12. This Permit is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan. The language of all parts of this Permit are intended to and, in all cases, shall be construed as a whole according to its fair meaning, and not construed strictly for or against any Party.
13. The Parties agree that the terms and conditions herein are contractual and are not a mere recital and that there are no other agreements, understandings, contracts, or representations between the Parties in any way related to the subject matter hereof, except as expressly stated herein.
14. If any provision of this Permit or their application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Permit shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.
15. This Permit shall become effective upon execution by the Township and the Drain Commissioner on behalf of the Drainage District and shall become binding upon the successors and assigns of each party.

IN WITNESS WHEREOF, the parties hereto have caused this Permit to be executed by their duly authorized officers as of the day and year first above written.

[Signatures and Acknowledgments on following pages]

**HOSKINS DRAIN DRAINAGE
DISTRICT**

Patrick E. Lindemann
Ingham County Drain Commissioner

STATE OF MICHIGAN)
) ss:
COUNTY OF INGHAM)

On this ___ day of _____, 2025, before me, a Notary Public in and for said County, appeared Patrick E. Lindemann, on behalf of the Hoskins Drain Drainage District to me personally known, and who executed the foregoing instrument and acknowledged the same to be his free act and deed.

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

EXHIBIT A

Exhibit A

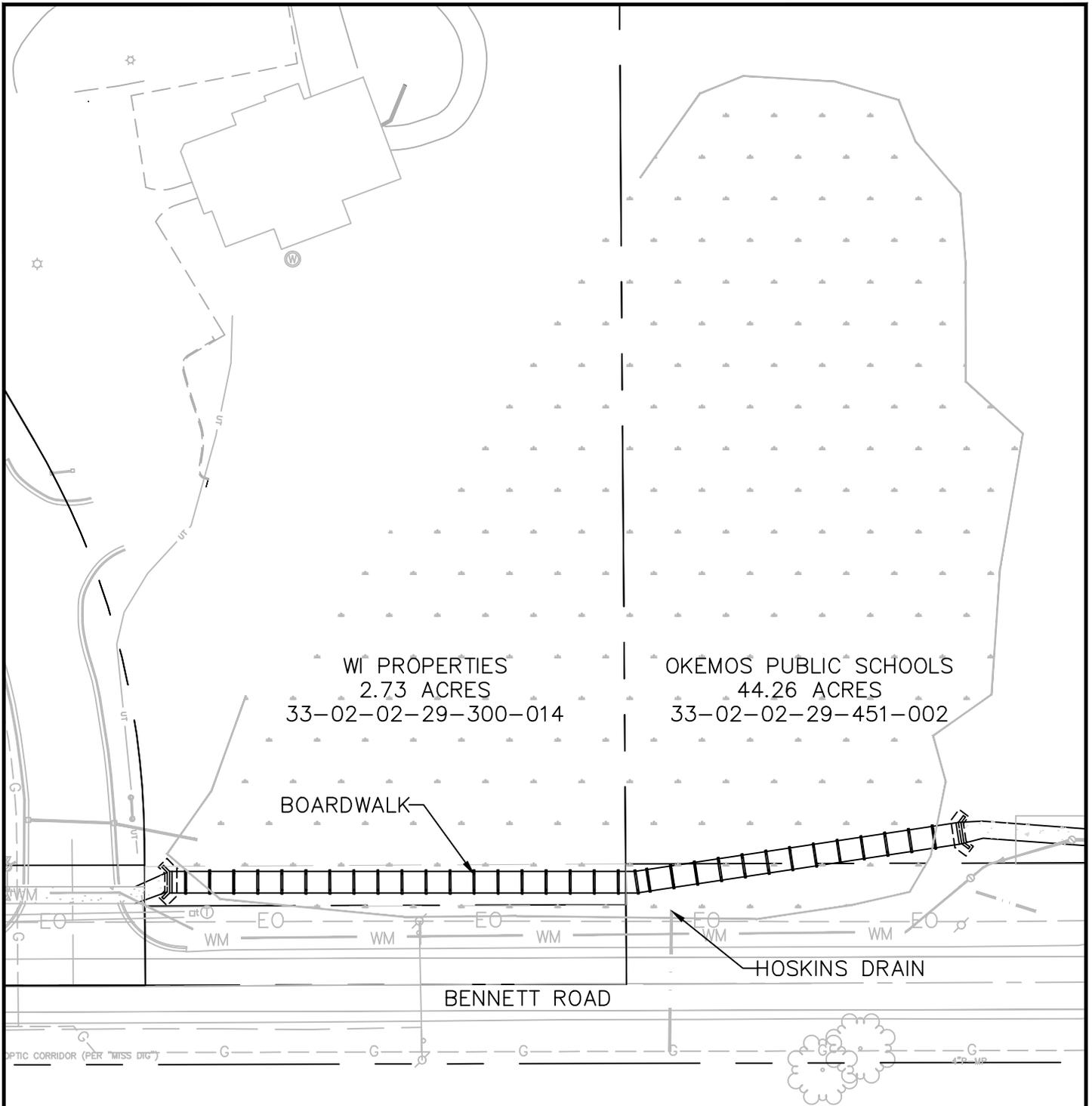
TAX ID: 29-300-014

LEGAL DESCRIPTION: M 29-15-3- BEG AT S 1/4 COR SD SEC 29 -W ON S SEC LN 200 FT -N 0 DEG 18'55"W, 60.77 FT -ON CURVE LEFT 174.36 FT HAVING A 333 FT RAD & A CHD OF 172.37 FT. BRG N 15 DEG 18'55"W, -N 30 DEG 18'55"W, 175.77 FT -N 49 DEG 08'47" E, 114 FT -N 79 DEG 14'28"E, 250 FT TO NS 1/4 LN -S 0 DEG 18'55"E, 500 FT ON 1/4 LINE TO POB. SEC 29 T4NR1W 2.73 AC M/L

TAX ID: 29-451-002

LEGAL DESCRIPTION: COM @ THE S 1/4 COR SEC 29 - N 80 RODS TO N LN OF S 1/2 OF SE 1/4 - E ON N LN 1314.7 FT - S 426.5 FT - E 537.1 FT TO C/L HULETT RD - SW'LY ON C/L 1036.22 FT TO S SEC LN - W ON S SEC LN 1324.92 FT TO THE POB. EXC R/W FOR BENNETT & HULETT RD DESC AS COM @ THE S 1/4 COR SEC 29 - N 33 FT TO THE POB. - N 17 FT - N 89 DEG 29'35" E, 1211.32 FT- N 48 DEG 18'54" E, 103.79 FT - ALONG CURVE RT 170 FT HAVING A 314.36 FT RADIUS & A CHD OF 167.94 FT BRG N 29 DEG 40'35" E - N 45 DEG 10' 08" E 125.64 FT - ON CURVE LEFT 140 FT HAVING A 534.53 FT RADIUS & A CHD OF 139.60 FT BRG N 37 DEG 39'56" E - N 30 DEG 09' 44" E, 484.33 FT - N 90 DEG E 30.76 FT - S 30 DEG 25' 06" W 984.28 FT - S 89 DEG 29' 35" W 1322.15 FT TO THE POB SEC 29 T4NR1W 44.26 AC +/-

EXHIBIT B



SCALE: 1" = 60'



NORTH



Meridian Charter Township
Ingham County, Michigan

SCHULTZ PATHWAY
EXHIBIT B

DATE	BY:	COMMENTS:
03/03/24	CH	

SHEET

1

EXHIBIT C

GRANT OF EASEMENT

WI Properties, LLC, a Michigan Limited Liability Company, whose address is 2770 Bennett Rd, Okemos, MI 48864 ("Grantor"), hereby grants to the CHARTER TOWNSHIP OF MERIDIAN, a Michigan Municipal Corporation, whose address is 5151 Marsh Road, Okemos, Ingham County, Michigan ("Grantee"), a perpetual easement for the construction, operation, maintenance, enlargement, reconstruction, repair and/or replacement and use of a **WATER MAIN and NON-MOTORIZED PATHWAY**, and related wires, cables, conductors, anchors, pipes, devices, appliances and facilities over, on, under, through and across Grantor's land located in the Township of Meridian, County of Ingham, and State of Michigan, more particularly described as:

PROPERTY ADDRESS: 2770 Bennett Rd, Okemos, MI 48864

PARCEL NUMBER: 33-02-02-29-300-014

LEGAL DESCRIPTION: M 29-15-3- BEG AT S 1/4 COR SD SEC 29 -W ON S SEC LN 200 FT -N 0 DEG 18'55"W, 60.77 FT -ON CURVE LEFT 174.36 FT HAVING A 333 FT RAD & A CHD OF 172.37 FT. BRG N 15 DEG 18'55"W, -N 30 DEG 18'55"W, 175.77 FT -N 49 DEG 08'47" E, 114 FT -N 79 DEG 14'28"E, 250 FT TO NS 1/4 LN -S 0 DEG 18'55"E, 500 FT ON 1/4 LINE TO POB. SEC 29 T4NR1W 2.73 AC M/L

The location or placement of the easement within Grantor's above-described land shall be as follows:

EASEMENT DESCRIPTION:

A TRACT OF LAND LYING IN THE SOUTHWEST 1/4 OF SECTION 29, TOWNSHIP 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, WHICH IS DESCRIBED AS COMMENCING AT SOUTH 1/4 CORNER OF SAID SECTION 29; N 0°18'55" W 33.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SECTION 29 TO THE POINT OF BEGINNING (P.O.B.) OF SAID TRACT; THENCE CONTINUING N 0°18'55" W 17.00 FEET ALONG SAID NORTH-SOUTH LINE; THENCE S 89°41'5" W 200.00 FEET; THENCE S 0°18'55" E 17.00 FEET; THENCE S N 89°41'5" E 200.00 FEET TO THE P.O.B. WITH AN AREA OF ABOUT 3,340 SQUARE FEET.

This Easement shall run with the land, and burden the above-described property.

Pursuant to this Grant of Easement, Grantor hereby grants and conveys to the Grantee all of the Grantor's right, title and interest in the landscaping, buildings, and improvements located in the easement described herein.

Grantor grants to the Grantee, its successors and assigns, the perpetual right to enter upon the above-described real estate at any time as it may see fit to construct, operate, repair, maintain, enlarge, reconstruct and replace the line, pipes and facilities on, over, under, through and across the lands herein before described, together with the right to excavate and refill ditches and/or trenches for the location of such lines, pipes and facilities in, over and upon the above described property, and to enter upon sufficient land adjacent to said easement for such purposes. This easement shall be irrevocable and exclusive, however, Grantor and Grantor's successors and assigns of the above described parcel may use and enjoy the easement area for purposes not inconsistent with the easement rights herein granted to Grantee, provided such use and enjoyment does not unreasonably interfere with the Grantee's use of the easement granted by this instrument. Grantor, its successors and assigns, agree not to construct any buildings or permanent improvements within the easement area. Non-use or a limited use of this easement by Grantee shall not prevent Grantee from later making use of the easement to the full extent conveyed.

This easement is granted for the sum of \$1.00, the receipt and sufficiency of which is hereby acknowledged. This Grant of Easement is exempt from transfer tax under MCLA 207.505(a), and exempt from state transfer tax under MCLA 207.526(a).

This easement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the Grantor and Grantee. Grantor covenants with Grantee that Grantor is lawfully seized and possessed of the real estate above described, that Grantor has a good and lawful right to convey the real estate, that the real estate is free of all encumbrances, and that Grantor will forever warrant and defend title thereto against the lawful claims of all persons whatsoever.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals on the dates appearing in their respective acknowledgements set forth below.

GRANTOR(s):

sign: Ingrid K. Schultz
print: Ingrid K. Schultz
title: member

sign: William E. Schultz
print: William E. Schultz
title: Member

address: 2770 Bennett Rd
Okemos, MI 48864

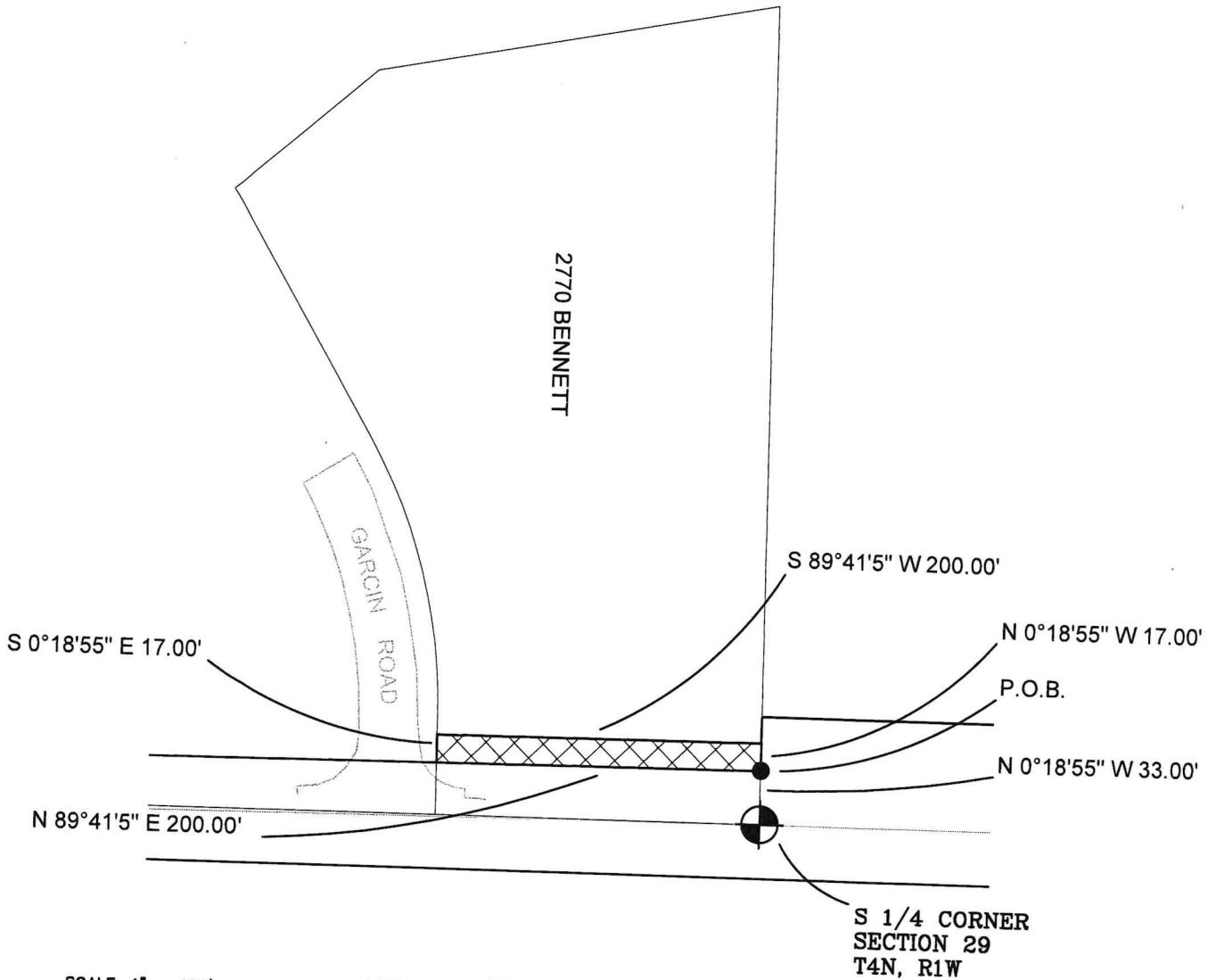
STATE OF MICHIGAN)
) ss.
COUNTY OF INGHAM)

Acknowledged before me in Ingham County, Michigan, on March 16, 2023,
by Ingrid Schultz William Schultz of WI Properties, LLC, a Michigan Limited
Liability Company.

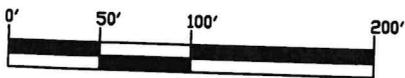
Robb Faust
ROBB FAUST
CLERK
Notary Public, Ingham County, Michigan
My Commission Expires: 02.14.2028
Acting in Ingham County

Drafted by and return to:
Ryan Schaner
Meridian Township
Public Works & Engineering
5151 Marsh Road
Okemos, MI 48864

EASEMENT DESCRIPTION:
 A TRACT OF LAND LYING IN THE
 SOUTHWEST 1/4 OF SECTION 29,
 TOWNSHIP 4 NORTH, RANGE 1 WEST,
 MERIDIAN TOWNSHIP, INGHAM COUNTY,
 MICHIGAN, WHICH IS DESCRIBED AS
 COMMENCING AT SOUTH 1/4 CORNER OF
 SAID SECTION 29; N 0°18'55" W 33.00 FEET
 ALONG THE NORTH-SOUTH 1/4 LINE OF
 SECTION 29 TO THE POINT OF BEGINNING
 (P.O.B.) OF SAID TRACT; THENCE
 CONTINUING N 0°18'55" W 17.00
 FEET ALONG SAID NORTH-SOUTH LINE;
 THENCE S 89°41'5" W 200.00 FEET; THENCE
 S 0°18'55" E 17.00 FEET; THENCE S N
 89°41'5" E 200.00 FEET TO THE P.O.B. WITH
 AN AREA OF ABOUT 3,340 SQUARE FEET.



SCALE: 1" = 100'



NORTH



Meridian Charter Township
 Ingham County, Michigan
 2770 BENNETT RD
 PATHWAY EASEMENT

DATE	BY	COMMENTS	SHEET 1
00/00/00	XX	XX	
00/00/00	XX	XX	
00/00/00	XX	XX	
03/10/23	RS	FINAL	

\\unas\data\ENGINEERING\EASEMENTS\MISCELLANEOUS\2770_Bennett_pathway_ease.dwg

2025-014965
INGHAM COUNTY, MI
DERRICK QUINNEY
REGISTER OF DEEDS

OFFICIAL LAND RECORD

Instrument Number: 2025-014965

Number of Pages: 4

Arrival Date and Time: 6/4/2025 2:38:00 PM

Recording Date and Time: 06/05/2025 11:36 AM

Document Type: EASEMENT/RIGHT OF WAY

I hereby certify that this instrument was RECEIVED and RECORDED on the date and times stamped above in the OFFICIAL PUBLIC RECORDS of the REGISTER OF DEEDS, INGHAM COUNTY, MICHIGAN.



A handwritten signature in black ink, appearing to read 'Derrick Quinney', written over a horizontal line.

DERRICK QUINNEY
REGISTER OF DEEDS
INGHAM COUNTY, MICHIGAN

This cover page is PAGE 1 of your document and is part of the Official Public Record.

For Internal Use ONLY:

TxId: 4514482

DocId: 8738600

3
8738600

GRANT OF EASEMENT

OKEMOS PUBLIC SCHOOLS, a Michigan general powers school district organized and operating under the Revised School Code, MCL 380. 1 et seq., whose address is 4407 N Okemos Road, Okemos, MI 48864, ("Grantor"), hereby grants to the CHARTER TOWNSHIP OF MERIDIAN, a Michigan Municipal Corporation, whose address is 5151 Marsh Road, Okemos, Ingham County, Michigan, ("Grantee"), a perpetual easement for the construction, operation, maintenance, enlargement, reconstruction, repair and/or replacement and use of a *Non-Motorized Pathway / Boardwalk* and related wires, cables, conductors, anchors, pipes, devices, appliances and facilities over, on, under, through and across Grantor's land located in the Township of Meridian, County of Ingham, and State of Michigan, more particularly described as:

Property Address: 4009 Hulett Road, Okemos, Michigan 48864

Parcel Number: 33-02-02-29-451-002

Legal Description: COM @ THE S 1/4 COR SEC 29 - N 80 RODS TO N LN OF S 1/2 OF SE 1/4 - E ON N LN 1314.7 FT - S 426.5 FT - E 537.1 FT TO C/L HULETT RD - SW'LY ON C/L 1036.22 FT TO S SEC LN - W ON S SEC LN 1324.92 FT TO THE POB. EXC R/W FOR BENNETT & HULETT RD DESC AS COM @ THE S 1/4 COR SEC 29 - N 33 FT TO THE POB. - N 17 FT - N 89 DEG 29'35" E, 1211.32 FT - N 48 DEG 18'54" E, 103.79 FT - ALONG CURVE RT 170 FT HAVING A 314.36 FT RADIUS & A CHD OF 167.94 FT BRG N 29 DEG 40'35" E - N 45 DEG 10' 08" E 125.64 FT - ON CURVE LEFT 140 FT HAVING A 534.53 FT RADIUS & A CHD OF 139.60 FT BRG N 37 DEG 39'56" E - N 30 DEG 09' 44" E, 484.33 FT - N 90 DEG E 30.76 FT - S 30 DEG 25' 06" W 984.28 FT - S 89 DEG 29' 35" W 1322.15 FT TO THE POB SEC 29 T4NR1W 44.26 AC +/- . Located in the NW 1/4 of Section 20, T4N, R1W, Meridian Township, Ingham County, Michigan (the "Grantor's Property");

The location or placement of the easement within Grantor's above-described land shall be as follows:

EASEMENT DESCRIPTION:

Non-Motorized Pathway #1 Easement Description as shown on Exhibit 1:

A TRACT OF LAND LYING IN THE SOUTHEAST 1/4 OF SECTION 29, TOWNSHIP 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, WHICH IS DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 29; N0° 18' 54" W 50.00 FEET TO THE POINT OF BEGINNING (P.O.B.) OF SAID TRACT; THENCE N80° 12' 36"E 143.43 FEET; THENCE S86° 24' 36"E 133.97 FEET; THENCE N90° 00' 00"E 53.92 FEET; THENCE S78° 09' 02" E 65.99 FEET; THENCE S89° 38' 35"W 393.55' TO THE P.O.B. WITH AN AREA OF ABOUT 5,402 SQUARE FEET.

Non-Motorized Pathway #2 Easement Description as shown on Exhibit 3:

A TRACT OF LAND LYING IN THE SOUTHEAST 1/4 OF SECTION 29, TOWNSHIP 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, WHICH IS DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 29; N0° 18' 54" W 50.00 FEET, THENCE N89° 39' 53"E 601.42 FEET ALONG THE RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING (P.O.B.) OF SAID TRACT; THENCE CONTINUING N69° 15' 19"E 57.83 FEET; THENCE N90° 00' 00"E 55.43 FEET; THENCE S82° 56' 14"E 162.52 FEET; THENCE S89° 39' 53" W 270.79 FEET TO THE P.O.B. WITH AN AREA OF ABOUT 3,254 SQUARE FEET.

This Easement shall run with the land, and burden the above-described property.

Pursuant to this Grant of Easement, Grantor hereby grants and conveys to the Grantee all of the Grantor's right, title and interest in the landscaping, buildings, and improvements located in the easement described herein.

Grantor grants to the Grantee, its successors and assigns, the perpetual right to enter upon the above-described real estate at any time as it may see fit to construct, operate, repair, maintain, enlarge, reconstruct and replace the line, pipes and facilities on, over, under, through and across the lands herein before described, together with the right to excavate and refill ditches and/or trenches for the location of such lines, pipes and facilities in, over and upon the above described property, and to enter upon sufficient land adjacent to said easement for such purposes. This easement shall be irrevocable and exclusive, however, Grantor and Grantor's successors and assigns of the above described parcel may use and enjoy the easement area for purposes not inconsistent with the easement rights herein granted to Grantee, provided such use and enjoyment does not unreasonably interfere with the Grantee's use of the easement granted by this instrument. Grantor, its successors and assigns, agree not to construct any buildings or permanent improvements within the easement area. Non-use or a limited use of this easement by Grantee shall not prevent Grantee from later making use of the easement to the full extent conveyed.

This easement is granted for the sum of \$1.00, the receipt and sufficiency of which is hereby acknowledged. This Grant of Easement is exempt from transfer tax under MCLA 207.505(a), and exempt from state transfer tax under MCLA 207.526(a).

This easement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the Grantor and Grantee. Grantor covenants with Grantee that Grantor is Lawfully seized and possessed of the real estate above described, that Grantor has a good and lawful right to convey the real estate, that the real estate is free of all encumbrances, and that Grantor will forever warrant and defend title thereto against the lawful claims of all persons whatsoever.

IN WITNESS WHEREOF, the undersigned have hereunto set their hands and seals on the dates appearing in their respective acknowledgements set forth below.

GRANTOR(S): OKEMOS PUBLIC SCHOOLS

sign: *John J. Hood*
print: John J. Hood
title: Superintendent

RW
4400 address: 4407 N Okemos Road,
Okemos, MI 48864

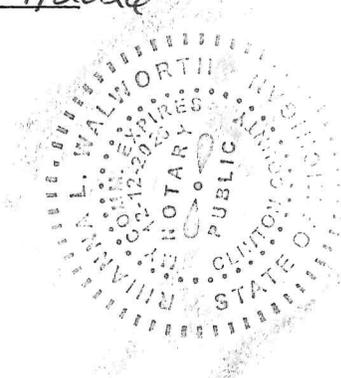
STATE OF MICHIGAN)
) ss.
COUNTY OF INGHAM)

The foregoing instrument was acknowledged before me this 30th day of May, 2025,
by John J. Hood, Superintendent of Okemos Public Schools.

Rhianna L. Walworth

Notary Public, Ingham County, Michigan
Acting in Ingham County
My Commission Expires: Dec 19, 2026

RHIANNA L. WALWORTH
Notary Public, State of Michigan
County of Clinton
My Commission Expires 12-12-2026
Acting in the County of Ingham

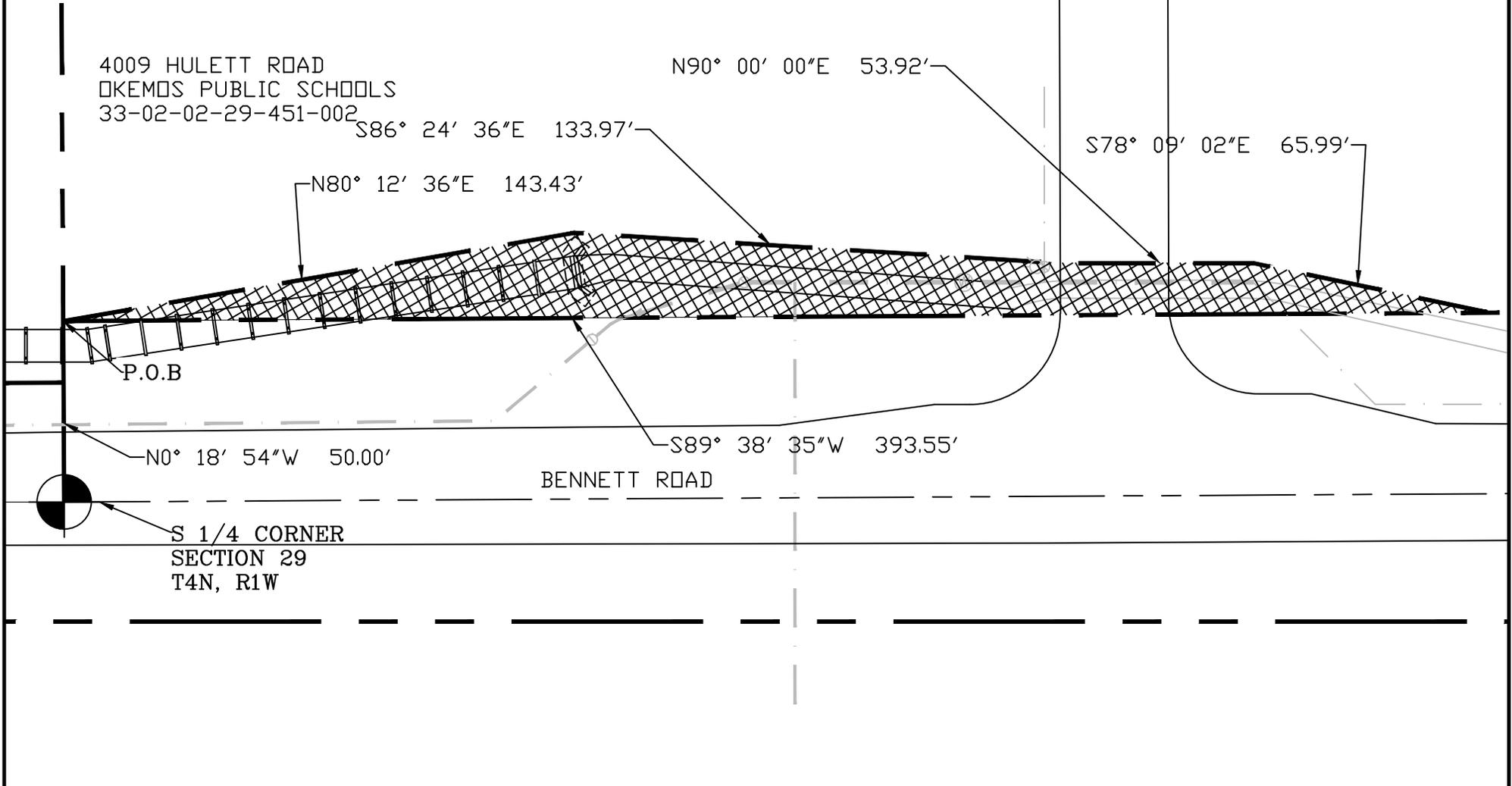


Drafted by and return to:
Caycee Hart
Meridian Township Engineering
5151 Marsh Road
Okemos, MI 48864

EXHIBIT 1

NON-MOTORIZED PATHWAY #1 EASEMENT DESCRIPTION:

A TRACT OF LAND LYING IN THE SOUTHEAST 1/4 OF SECTION 29, TOWNSHIP 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, WHICH IS DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 29; N0° 18' 54" W 50.00 FEET TO THE POINT OF BEGINNING (P.O.B.) OF SAID TRACT; THENCE N80° 12' 36"E 143.43 FEET; THENCE S86° 24' 36"E 133.97 FEET; THENCE N90° 00' 00"E 53.92 FEET; THENCE S78° 09' 02" E 65.99 FEET; THENCE S89° 38' 35"W 393.55' TO THE P.O.B. WITH AN AREA OF ABOUT 5,402 SQUARE FEET.



SCALE: 1" = 40'



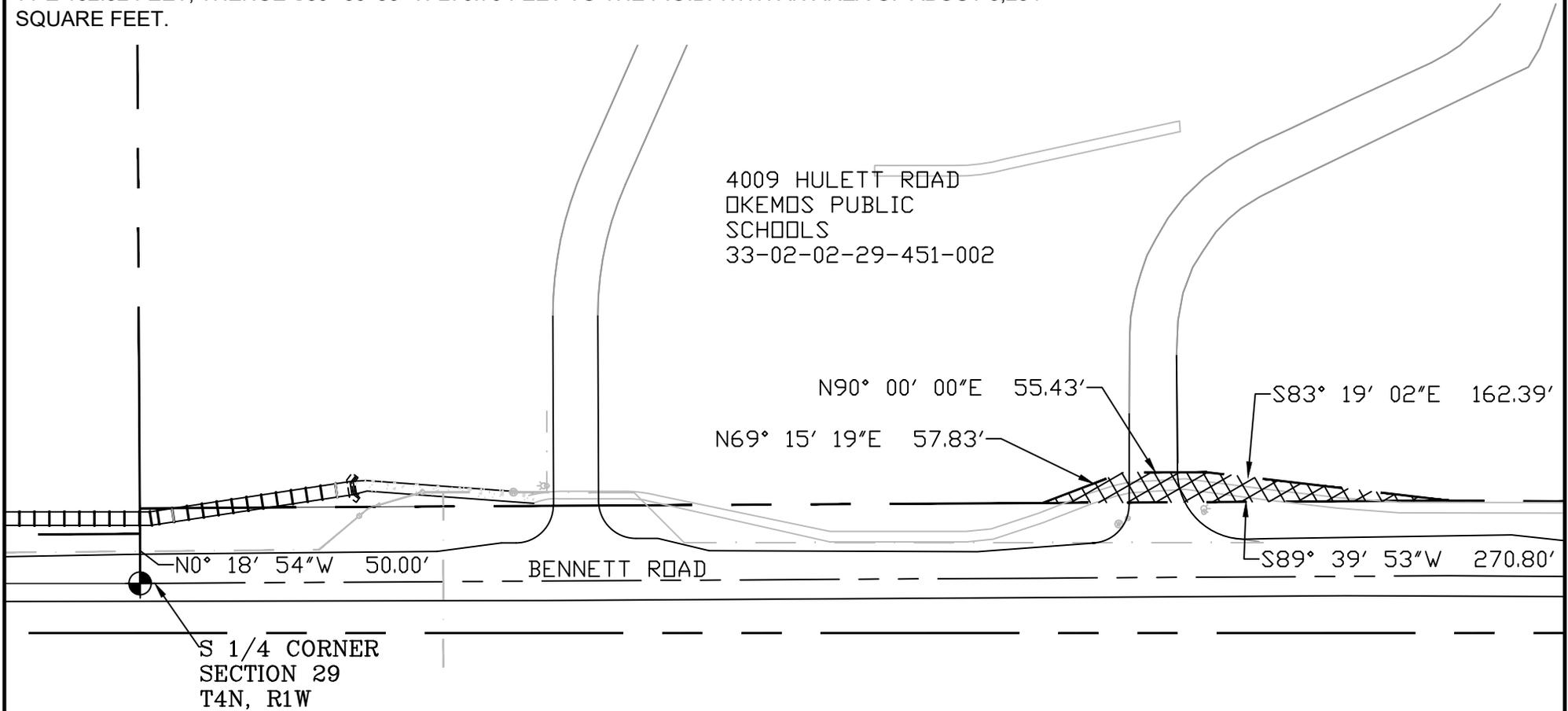
Meridian Charter Township
Ingham County, Michigan
4009 HULETT RD
PATHWAY EASEMENT

DATE	BY:	COMMENTS:	SHEET
04/04/25	CH	ESMT EXHIBIT	1

EXHIBIT 2

NON-MOTORIZED PATHWAY #2 EASEMENT DESCRIPTION:

A TRACT OF LAND LYING IN THE SOUTHEAST 1/4 OF SECTION 29, TOWNSHIP 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, WHICH IS DESCRIBED AS COMMENCING AT THE SOUTH 1/4 CORNER OF SAID SECTION 29; N0° 18' 54" W 50.00 FEET, THENCE N89° 39' 53"E 601.42 FEET ALONG THE RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING (P.O.B.) OF SAID TRACT; THENCE CONTINUING N69° 15' 19"E 57.83 FEET; THENCE N90° 00' 00"E 55.43 FEET; THENCE S82° 56' 14"E 162.52 FEET; THENCE S89° 39' 53" W 270.79 FEET TO THE P.O.B. WITH AN AREA OF ABOUT 3,254 SQUARE FEET.



4009 HULETT ROAD
 OKEMOS PUBLIC
 SCHOOLS
 33-02-02-29-451-002

N90° 00' 00"E 55.43'
 N69° 15' 19"E 57.83'
 S83° 19' 02"E 162.39'
 S89° 39' 53"W 270.80'

S 1/4 CORNER
 SECTION 29
 T4N, R1W

SCALE: 1" = 40'



Meridian Charter Township
 Ingham County, Michigan
 4009 HULETT RD
 PATHWAY EASEMENT

DATE	BY:	COMMENTS:	SHEET
04/04/25	CH	ESMT EXHIBIT	2

EXHIBIT D

Release of Right of Way Across

For and in the Consideration of the sum of
 00 Dollars to me in hand paid by
 J. H. Mullett, the Township Drain Commission
 of the Township of Meridian in the County
 of Argus, State of Mich the receipt
 thereof is hereby acknowledged & Catherine
 Wins of Meridian do hereby convey & release
 to the Township of Meridian aforesaid, the
 right of way over and across the following
 lands owned, or occupied by me, and situated
 in said Township of Meridian, County &
 State aforesaid & further described as
 E^{1/2} of SW^{1/4} of Sect 29 in Township 4 N.
 R 1 West. The right of way hereby conveyed
 & released is for the sole & only purpose of loca-
 ting & constructing over & across said premises a certain
 Drain, application for which has been made to
 me on the 3^d day of August A.D. 1886, by Cath.
 Austin & others & the necessity for which has been
 determined by the said Drain Com. in his
 Order bearing date the 1st day of Sept A.D. 1886
 in which said Order the route & course of said
 Drain is described as follows, to wit:

Commencing at the Herron Creek Drain
 near the NW cor. of the E^{1/2} of the SW^{1/4} of Sec
 29 thence Eastward along the 1/4 line about 80 rods
 thence Southeast & Westward, & terminating near
 the SW South 1/4 part of Sect 29.

This said Conveyance is based upon
 the above described line of route & shall be
 deemed to include the extreme width of said
 Drain as shown in the survey thereof, to which
 survey reference is hereby made for a more

Drain

withheld measurement, & include a release for all Claims & damages in any way arising from or incident to the opening & main running of said Drain across said premises & includes also sufficient ground on either side of the Center line of said Drain for the deposits of the sediments therefrom.

Witness my hand & Seal this 3^d day of Sept. A. D., 1886.

In the presence of
J. A. Mullett

C. A. Hopkins

Spec. of Mule (to
County of McKean)

Be it remembered that on this 3^d day of Sept. A. D., 1886 before me a Drain Com. of the said Township of Meridian personally came C. A. Hopkins & me known to be the person who executed the foregoing instrument, and acknowledged the execution thereof to be his free act & deed.

J. A. Mullett

Drain Commissioner
of Meridian

Copied & filed by J. B. Park
Township Clerk

Nov 9th 1886

EXHIBIT E

UTILITY COMPANY UTILITIES

AT&T
337 N. ABBOTT, RM. 201
EAST LANSING, MI 48823
517.337.3660

TELEPHONE

CONSUMERS ENERGY
530 W. WILLOW ST.
P.O. BOX 30162
LANSING, MI 48909
517.373.6100

GAS
ELECTRIC

COMCAST
1070 TROWBRIDGE ROAD
EAST LANSING, MI 48823
517.332.1012

CABLE TV

MERIDIAN TOWNSHIP
5151 MARSH RD.
OKEMOS, MI 48864
517.853.4440

WATER MAINS
SANITARY SEWER
PATHWAYS

WOLVERINE PIPE LINE
8105 VALLEYWOOD LANE
PORTAGE, MI 49024-5251
231.323.2491

PETROLEUM PIPELINE

INGHAM COUNTY DRAIN
COMMISSIONER
707 BUHL ST.
MASON, MI 48854
517.676.8395

DRAINS
STORM SEWER

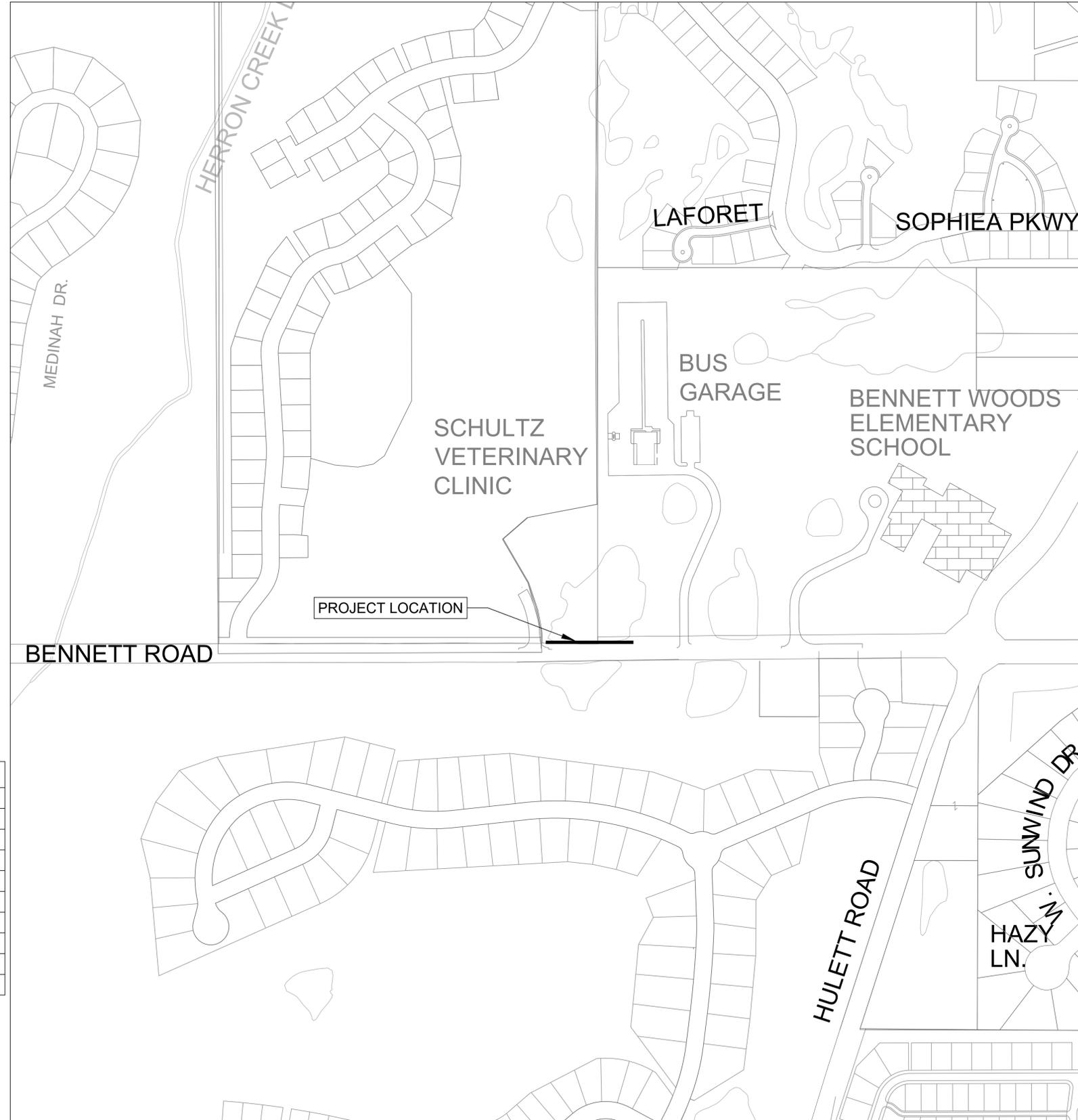
INGHAM COUNTY ROAD DEPT
301 BUSH ST.
MASON, MI 48854
517.676.9722

PUBLIC ROADS AND
RIGHTS OF WAY

SCHULTZ PATHWAY CONSTRUCTION PLANS FOR MERIDIAN TOWNSHIP INGHAM COUNTY, MICHIGAN



Call 811 before you dig.



STANDARD CONSTRUCTION NOTES

1. The Contractor shall notify the Charter Township of Meridian, Department of Public Works, Office of Engineering 517-853-4440 a minimum of 72 hours prior to the start of construction of public utilities or of construction within the public right-of-way.
2. All construction shall conform to the current standards and specifications of the Charter Township of Meridian which are included as part of these plans in effect at the time of construction.
3. After the completion of construction of public utilities or construction within public right-of-way, the contractor must request a final inspection. Any punchlist items resulting from the final inspection must be resolved prior to final release and acceptance.
4. The existing utilities indicated on the plans are in accordance with available information. It shall be the contractor's obligation to verify the exact location of all existing utilities, which might affect this job.
5. The contractor shall notify "MISS DIG" 1-800-482-7171 at least 72 hours prior to the start of construction.
6. The contractor shall at all times be aware of inconvenience caused to the abutting property owners and the general public. Where the contractor does not remedy undue inconveniences, the Charter Township of Meridian, upon four hours notice, reserves the right to perform the work and deduct the cost therefore from the money due the contractor.
7. A Registered Land Surveyor provided by the contractor at the contractor's expense shall replace all property irons and monuments disturbed or destroyed by the contractor's operations.
8. Contractor shall provide Owner and Township Engineer a copy of written permission to use private property for storage of equipment and materials or for his construction operations.
9. Trench backfill under existing or proposed roadways, driveways, and parking areas, shall be sand or gravel, placed in 12" layers (maximum) and consolidated to 95% of maximum density as measured by modified proctor unless otherwise noted.
10. Trees and shrubs are to be protected during construction and bored where necessary.
11. Existing fences shall be removed and restored to their original condition or better where in conflict with construction.
12. Driveways, culverts, ditches, drain tile, tile fields, drainage structures, etc., that are disturbed by the contractor's operations shall be immediately restored.
13. All established lawn areas disturbed by the contractor's operations shall be resodded with matching sod. All other areas shall be seeded and mulched. Seeding and mulching shall be done in accordance with the General Specifications.
14. All ditch slopes shall have established vegetation and be protected from erosion.
15. All utility poles in close proximity to construction shall be supported in a manner satisfactory to the utility owner.
16. Onsite parking and sanitary facilities shall be provided for construction workers. The facilities shall be constructed and operated (with minimal impact to the surrounding area) to the satisfaction of the Township.

PATHWAY NOTES

1. Pathways and sidewalks shall be four (4) inch thick concrete except at driveways where they shall be six (6) inch (residential) or seven (7) inch (commercial) thick concrete.
2. Three (3) inches of compacted sand base shall be placed under all pathways and sidewalks.
3. All bituminous aprons shall be two and one-half (2½) inches thick, unless otherwise noted.
4. Property irons shall be maintained by the Contractor.
5. All existing concrete and bituminous to be removed shall be sawcut. All bituminous removal shall be considered incidental to construction.
6. All aggregate base material shall be four (4) inches of 22A.
7. All tree (less than 6") and shrub removal shall be considered part of subgrade preparation.
8. Location of new plant material shall be as directed by the Engineer, and shall be installed in accordance with guidelines established by the A.N.L.A.
9. All plant material not marked for removal shall be protected.
10. Bituminous drives shall be sawcut 18" on either side of proposed pathway.
11. The maximum longitudinal slope is 5% (up to an absolute maximum of 8½% at the direction of the Engineer) and the maximum cross slope is 2%.
13. Expansion joints shall be placed at approximately 100' intervals and shall be ½" thick. Contraction joints shall be sawcut to a depth of ¼ of the depth of the concrete.
14. All lumber to be pressure treated (Osmose 33 or equal) to 0.4 retention.
15. All items not covered under a specific pay item shall be considered incidental.

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
2	SESC PLAN
3	SESC NOTES AND DETAILS
4	SESC NOTES AND DETAILS
5	GRADING PLAN
6	SITE PLAN
7	TYPICAL DETAILS
8	BOARDWALK DETAILS
9	TYPICAL SECTIONS

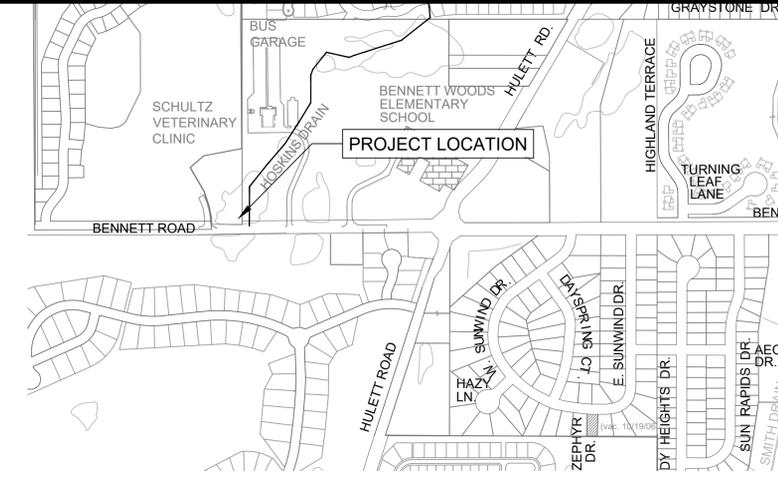


SEQUENCE OF CONSTRUCTION

1. INSTALL CONSTRUCTION ENTRANCE, INLET PROTECTION, AND SILT FENCE.
2. CONSTRUCT BOARDWALK BY DRIVING PILES, CONSTRUCTING THE SUPPORT SPAN OF BOARDWALK BETWEEN THE PILES. THE MACHINES USED TO DRIVE THE PILES WILL DRIVE ON THE BOARDWALK SUPPORT IN ORDER TO ENTER THE WETLAND.
3. DEMOLISH THE EXISTING CONCRETE PATHWAY.
4. CONSTRUCT THE PROPOSED CONCRETE PATHWAY
5. PERMANENTLY SEED AREAS ONCE THEY HAVE REACHED FINAL GRADE.
6. REMOVE SESC MEASURES ONCE THE SITE IS FULLY STABILIZED.

RECOMMENDED CONSTRUCTION SCHEDULING & SEQUENCING

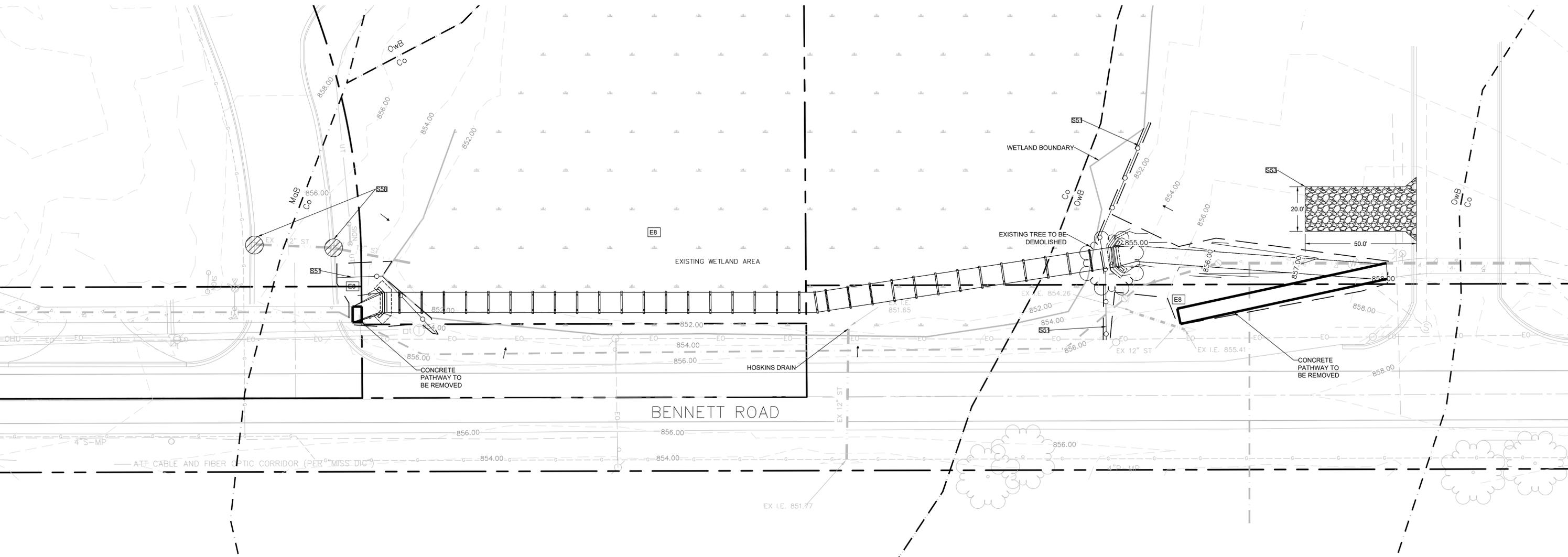
INSTALL SESC MEASURES	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY
CONSTRUCT BOARDWALK AND ABUTMENTS												
DEMOLISH EXISTING CONCRETE PATHWAY												
CONSTRUCT CONCRETE PATHWAY												
SITE CLEANUP AND RESTORATION												
REMOVE SESC MEASURES												



THE PROJECT IS LOCATED WITHIN 0' OF THE >1 ACRE WETLAND AND HOSKINS DRAIN.

PAY ITEMS (THIS SHEET)

EROSION CONTROL, GRAVEL ACCESS APPROACH	1	EA
EROSION CONTROL, SILT FENCE	165	FT
EROSION CONTROL, INLET PROTECTION	2	EA
SIDEWALK, REMOVAL	85	SY
TREE REMOVAL, 19 TO 36 INCH	1	EA

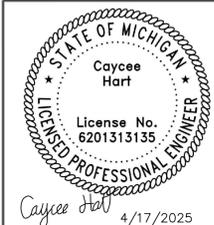


SOILS:
 Co - Colwood-Brookston loams
 MaB - Marlette Fine Sandy Loam, 2 to 6 percent slopes
 OwB - Owosso-Marlette Sandy Loams, 2 to 6 percent slopes

LEGEND

---	PROPERTY LINE
---xxx---	EXISTING CONTOUR
---xxx---	PROPOSED CONTOUR
○-○-○-○	SILT FENCE
---	LIMITS OF DISTURBANCE
- - - - -	SOIL BOUNDARY
○	INLET PROTECTION
█	CONSTRUCTION ENTRANCE

KEY	BEST MANAGEMENT PRACTICES	SYMBOL	WHERE USED
SEDIMENT CONTROLS			
S51	SILT FENCE		Use adjacent to critical areas, to prevent sediment laden sheet flow from entering these areas.
S53	STABILIZED CONSTRUCTION ACCESS		Used at every point where construction traffic enters or leaves a construction site.
S58	INLET PROTECTION FABRIC DROP		Use at stormwater inlets, especially at construction sites.
E8	PERMANENT SEEDING		Stabilization method utilized on sites where earth change has been completed (final grading attained).



Meridian Charter Township
 Ingham County, Michigan
PATHWAY

SCHULTZ PATHWAY
 SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
 INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

REVISIONS:

DATE	BY:	COMMENTS:
11.02.24	CH	EGL 2ND SUBMITTAL
2.20.25	CH	EGL 3RD SUBMITTAL
4.11.25	CH	EGL 4TH SUBMITTAL
4.17.25	CH	BID SET

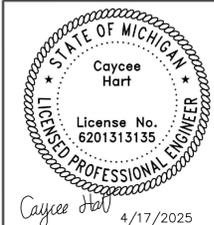
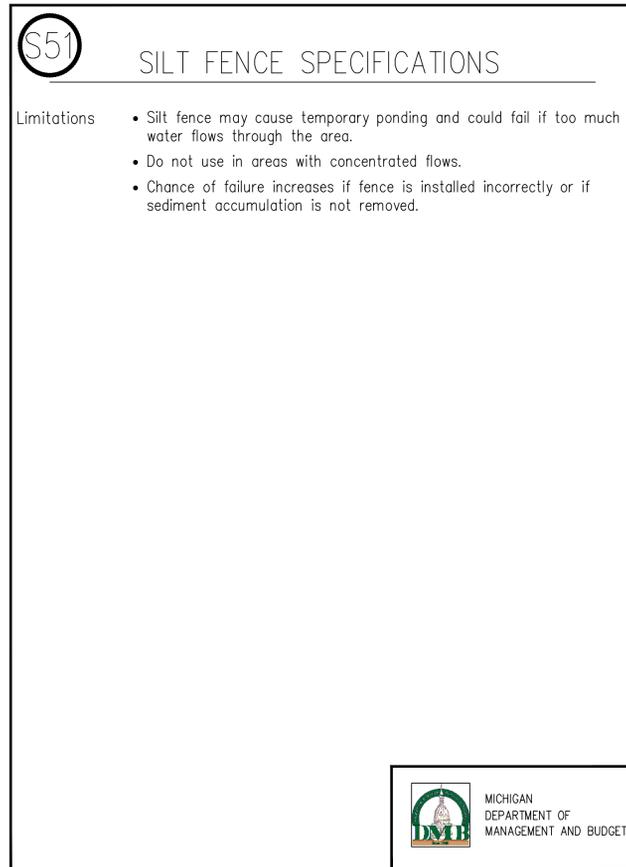
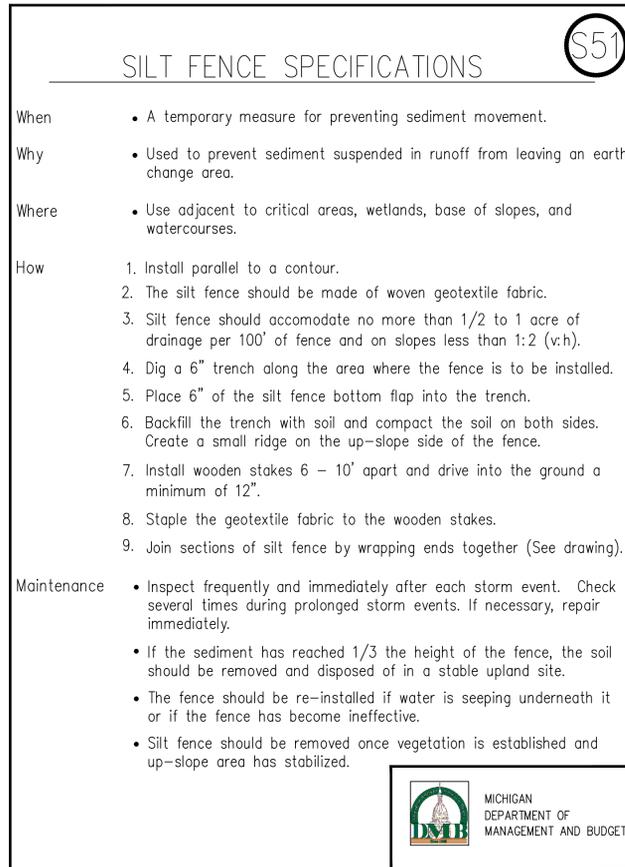
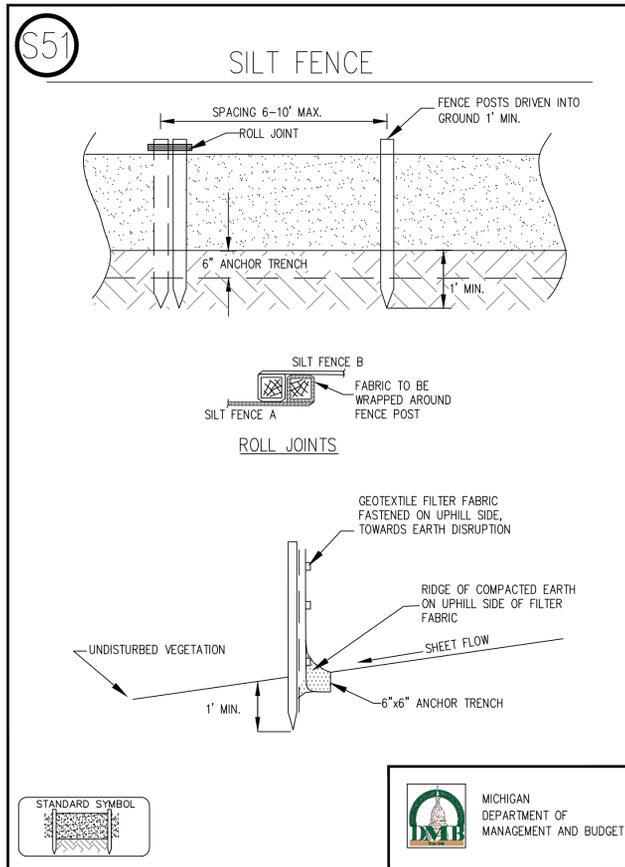
SHEET:

TAX ID: 29-300-014
 LEGAL DESCRIPTION: M 29-15-3- BEG AT S 1/4 COR SD SEC 29 -W ON S SEC LN 200 FT -N 0 DEG 18'55"W, 60.77 FT -ON CURVE LEFT 174.36 FT HAVING A 333 FT RAD & A CHD OF 172.37 FT. BRG N 15 DEG 18'55"W, -N 30 DEG 18'55"W, 175.77 FT -N 49 DEG 08'47" E, 114 FT -N 79 DEG 14'28"E, 250 FT TO NS 1/4 LN -S 0 DEG 18'55"E, 500 FT ON 1/4 LINE TO POB. SEC 29 T4NR1W 2.73 AC ML

TAX ID: 29-451-002
 LEGAL DESCRIPTION: COM @ THE S 1/4 COR SEC 29 - N 80 RODS TO N LN OF S 1/2 OF SE 1/4 - E ON N LN 1314.7 FT - S 426.5 FT - E 537.1 FT TO C/L HULETT RD - SWLY ON C/L 1036.22 FT TO S SEC LN - W ON S SEC LN 1324.92 FT TO THE POB. EXC R/W FOR BENNETT & HULETT RD DESC AS COM @ THE S 1/4 COR SEC 29 - N 33 FT TO THE POB. - N 17 FT - N 89 DEG 29'35" E, 1211.32 FT - N 48 DEG 18'54" E, 103.79 FT - ALONG CURVE RT 170 FT HAVING A 314.36 FT RADIUS & A CHD OF 167.94 FT BRG N 29 DEG 40'35" E - N 45 DEG 10' 08" E 125.64 FT - ON CURVE LEFT 140 FT HAVING A 534.53 FT RADIUS & A CHD OF 139.60 FT BRG N 37 DEG 39'56" E - N 30 DEG 09' 44" E, 484.33 FT - N 90 DEG E 30.76 FT - S 30 DEG 25' 06" W 984.28 FT - S 89 DEG 29' 35" W 1322.15 FT TO THE POB SEC 29 T4NR1W 44.26 AC +/-

SOIL EROSION & SEDIMENTATION CONTROL NOTES

- All soil erosion and sediment control (SESC) work shall conform to the standards and specifications of the Ingham County Drain Commissioner's Office and Meridian Township.
- Daily inspections shall be made by the contractor for effectiveness of SESC measures. Any necessary repairs shall be performed without delay.
- Erosion of any sediment from work on the site shall be contained on-site and not allowed to collect on any off-site areas or in waterways. Waterways include both natural and man-made open ditches, streams, storm drains, lakes, ponds, and wetlands.
- The Contractor shall apply temporary SESC measures when required and as directed on these plans. The Contractor shall remove temporary measures as soon as permanent stabilization of slopes, ditches, and other changes have been established.
- Staging the work shall be done by the Contractor as directed in these plans and as required to ensure progressive stabilization of disturbed earth.
- Soil erosion control practice shall be established in the early stages of construction by the Contractor. Sedimentation control practices shall be applied as a perimeter defense against any transporting of soil off the site.
- The Contractor shall preserve natural vegetation as much as possible.
- Vegetative stabilization of all disturbed areas shall be established within 15 days of completion of the final grading.



Meridian Charter Township
 Ingham County, Michigan
PATHWAY

SCHULTZ PATHWAY
 SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
 INGHAM COUNTY, MICHIGAN

DRAWN BY: GH CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
11.02.24	CH	EGL 2ND SUBMITTAL
2.20.25	CH	EGL 3RD SUBMITTAL
4.11.25	CH	EGL 4TH SUBMITTAL
4.17.25	CH	BID SET

SHEET: 3 - SESC NOTES AND DETAILS

S58 INLET PROTECTION – FABRIC DROP

INLET GRATE

2'-0"

4'-0"

5'-0"

1" REBAR FOR BAG REMOVAL FROM INLET

ISOMETRIC VIEW

INSTALLATION DETAIL

STANDARD SYMBOL

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET

S58 INLET PROTECTION – FABRIC DROP SPECIFICATIONS

When

- When sediment laden stormwater requires treatment before entering a stormwater drainage system.

Why

- To prevent sediment from entering stormwater systems.

Where

- Use in or at stormwater inlets, especially at construction sites or in streets.

How

1. A filter fabric bag is hung inside the inlet, beneath the grate.
2. Replace grate, which will hold bag in place.
3. Anchor filter bag with 1" rebar for removal from inlet.
4. Flaps of bag that extend beyond the bag can be buried in soil in earth areas.

Maintenance

- Drop inlet filters should be inspected routinely and after each major rain event.
- Damaged filter bags should be replaced.
- Clean and/or replace filter bag when 1/2 full.
- Replace clogged fabric immediately.
- If needed, initiate repairs immediately upon inspection.
- Remove entire protective mechanism when upgradient areas are stabilized and streets have been swept.

Limitations

- Can only accommodate small flow quantities.
- Requires frequent maintenance.
- Ponding may occur around storm drains if filter is clogged.

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET

E8 PERMANENT SEEDING SPECIFICATIONS

When

- To finalize stabilization of temporary seeding areas or when an area needs permanent stabilization following completion of construction. Also used when vegetative establishment can correct existing soil erosion or sedimentation problem.
- Within 5 days of final grade.

Why

- To stabilize soil and prevent or reduce soil erosion/sedimentation problems from developing.

Where

- Used on construction and earth change sites which require permanent vegetative stabilization.

How

1. Review SESC plan and construction phasing to identify areas in need of permanent vegetative stabilization.
2. Select perennial grass and ground cover for permanent cover.
3. Seed mixes vary. However, they should contain native species.
4. Seed mixes should be selected through consultation with a certified seed provider and with consideration of soil type, light, moisture, use applications, and native species content.
5. Soil tests should be performed to determine the nutrient and pH levels in the soil. The pH may need to be adjusted to between 6.5 and 7.0.
6. Prepare a 3–5" deep seedbed, with the top 3–4" consisting of topsoil.
7. Slopes steeper than 1:3 should be roughened.
8. Apply seed as soon as possible after seedbed preparation. Seed may be broadcast by hand, hydroseeding, or by using mechanical drills.
9. Mulch immediately after seeding.
10. Dormant seed mixes are for use after the growing season, using seed which lies dormant in the winter and begins growing as soon as site conditions become favorable.

STANDARD SYMBOL

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET

E8 PERMANENT SEEDING SPECIFICATIONS

How (cont.)

11. Protect seeded areas from pedestrian or vehicular traffic.
12. Divert concentrated flows away from the seeded area until vegetation is established.

Maintenance

- Inspect weekly and within 24 hours following each rain event in the first few months following installation to be sure seed has germinated and permanent vegetative cover is being established.
- Add supplemental seed as necessary.

Limitations

- Seeds need adequate time to establish.
- May not be appropriate in areas with frequent traffic.
- Seeded areas may require irrigation during dry periods.
- Seeding success is site specific, consider mulching or sodding when necessary.

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET

E8 PERMANENT SEEDING

Planting Zones:	Lower Peninsula (South of T20N) Zone 1	Lower Peninsula (North of T20N) Zone 2	Upper Peninsula Zone 3
Seeding Window Permanent Seeding	4/15 – 10/10	5/1 – 10/1	5/1 – 9/20
Seeding Window Dormant Seeding*	11/15 – Freeze	11/01 – Freeze	11/01 – Freeze

Source: Adapted from MDOT Interim 2003 Standard Specifications for Construction

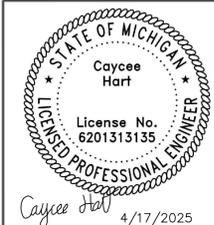
	Zone 1 Lower Peninsula (South of U.S. 10)	Zone 2 Lower Peninsula (North of U.S. 10)	Zone 3 Upper Peninsula
Seeding Dates (with Irrigation or Mulch)	4/1 – 8/1	5/1 – 9/20	5/1 – 9/10
Seeding Dates (w/o Irrigation or Mulch)	4/1 – 5/20 or 8/10 – 10/1	5/1 – 6/10 or 8/1 – 9/20	5/1 – 6/15 or 8/1 – 9/20
Dormant Seeding Dates*	11/1 – Freeze	10/25 – Freeze	10/25 – Freeze

Source: Adapted from USDA NRCS Technical Guide #342 (1999)

* Dormant seeding is for use in the late fall after the soil temperature remains consistently below 50°F, prior to the ground freezing. This practice is appropriate if construction on a site is completed in the fall but the seed was not planted prior to recommended seeding dates. No seed germination will take place until spring. A cool season annual grass may be added in an attempt to have some fall growth.

- Mulch must be used with dormant seed.
- Do not seed when the ground is frozen or snow covered.
- Do not use a dormant seed mix on grassed waterways.

MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET



Meridian Charter Township
Ingham County, Michigan

PATHWAY

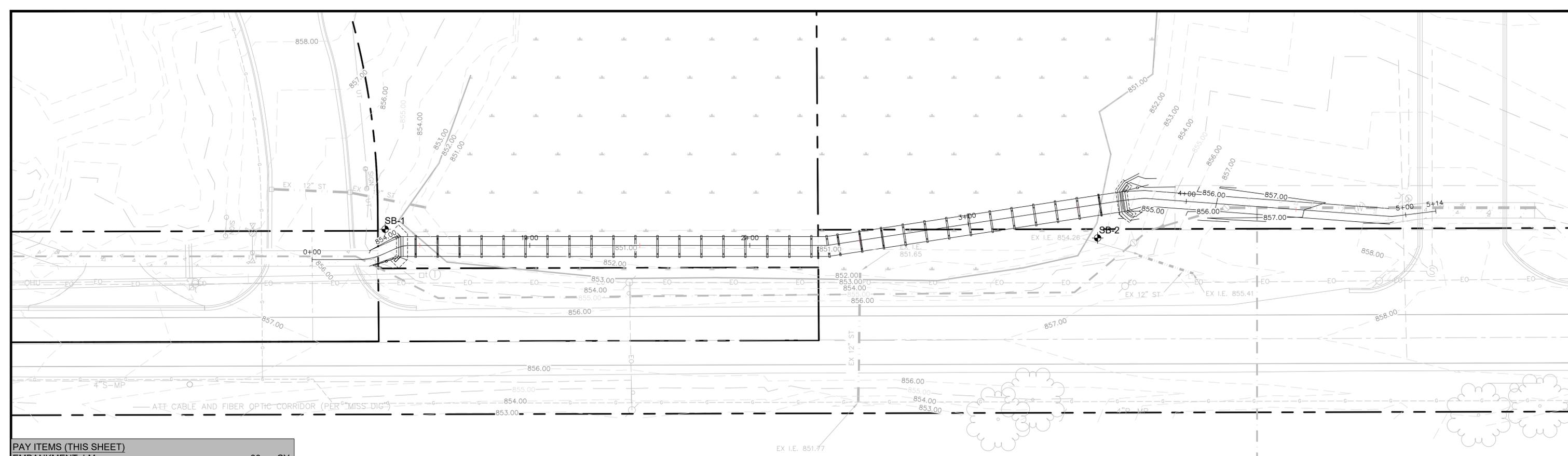
SCHULTZ PATHWAY
SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
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2.20.25	CH	EGL 3RD SUBMITTAL
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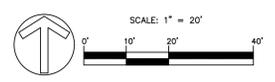
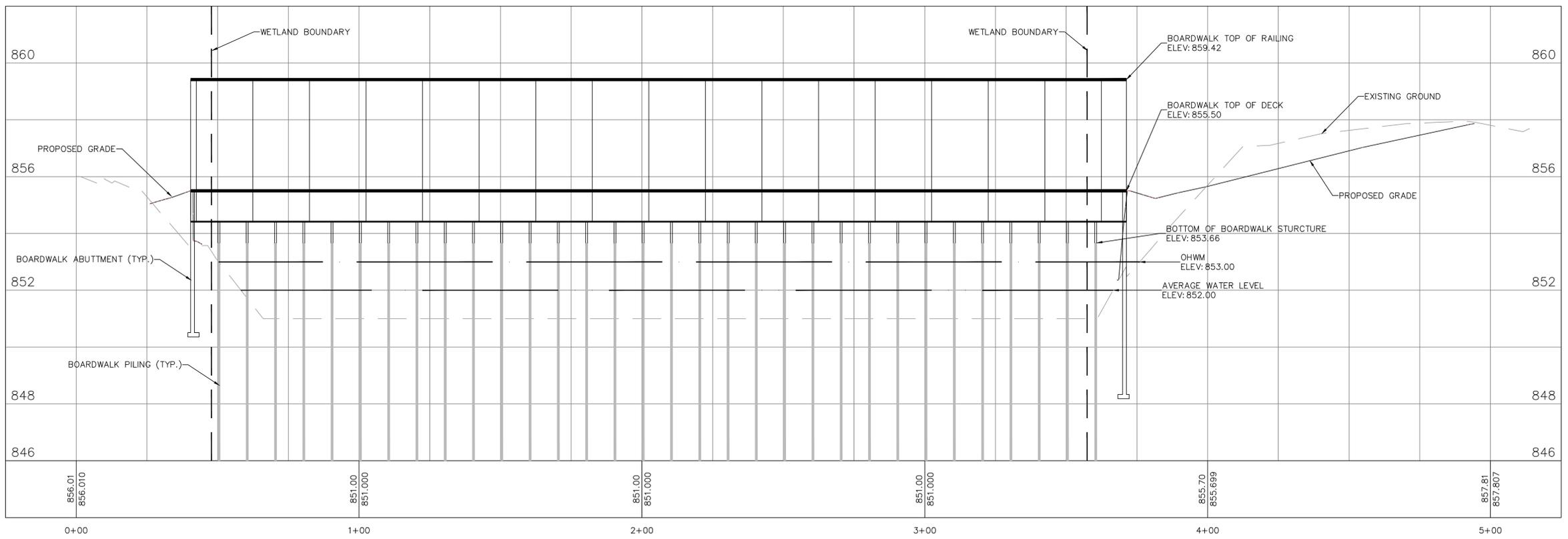
SHEET:

4 - SESC NOTES AND DETAILS



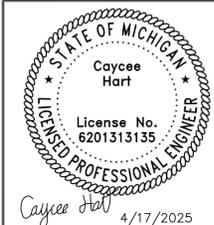
PATHWAY PROFILE

PAY ITEMS (THIS SHEET)	
EMBANKMENT, LM	30 CY
EXCAVATION, EARTH	75 CY
SHARED USE PATH GRADING	140 FT



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



Meridian Charter Township
Ingham County, Michigan

PATHWAY

SCHULTZ PATHWAY
SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

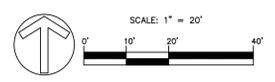
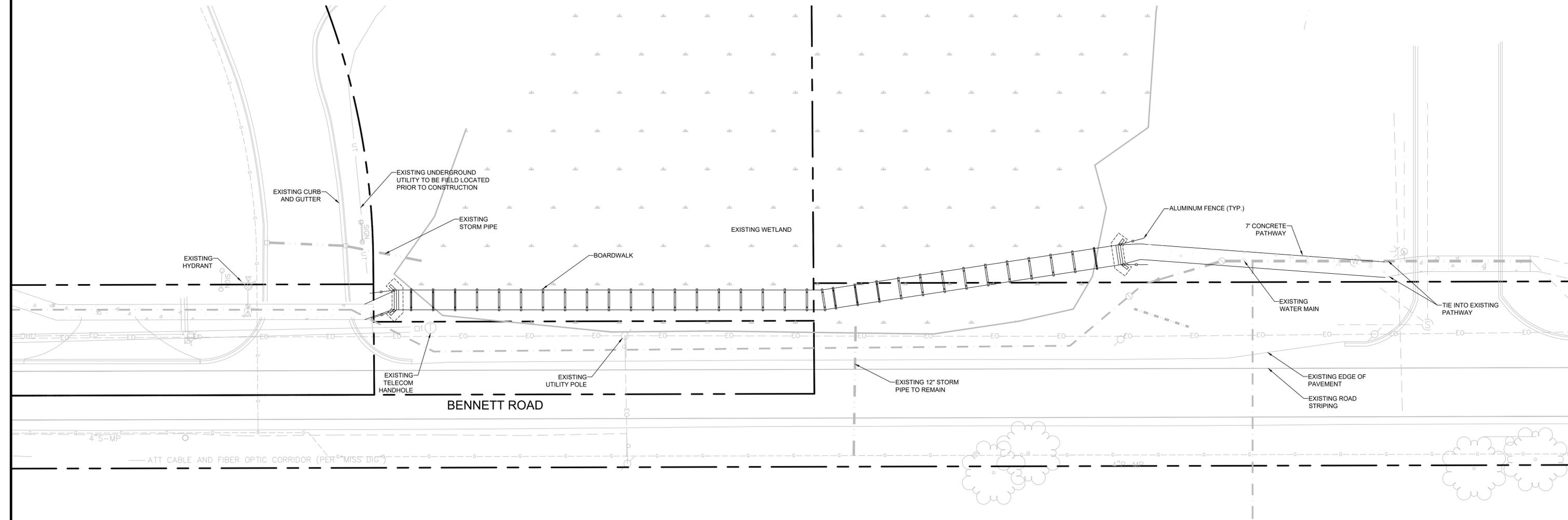
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2.20.25	CH	EGLE 3RD SUBMITTAL
4.11.25	CH	EGLE 4TH SUBMITTAL
4.17.25	CH	BID SET

SHEET:

PAY ITEMS (THIS SHEET)		
SHARED USE PATH, CONCRETE	115	SY
SHARED USE PATH, AGGREGATE	36	TN
CONCRETE ABUTMENT	2	EA
TREATED TIMBER BOARDWALK	335	FT
BOARDWALK STRUCTURAL PILES	1	LS
SITE RESTORATION	1	LS
FENCE, ALUMINUM	50	FT

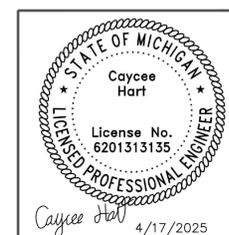
LEGEND

- — — — — PROPERTY LINE
- — — — — EXISTING OVERHEAD ELECTRIC LINE
- — — — — EXISTING WATER MAIN



Call 811 before you dig.

WOLVERINE PIPE LINE COMPANY 219-844-9510



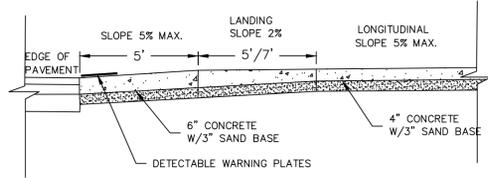
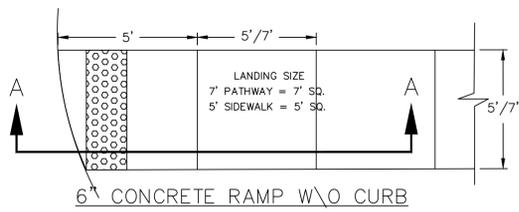
Meridian Charter Township
Ingham County, Michigan

PATHWAY

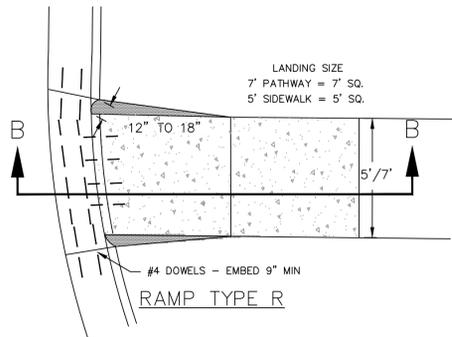
SCHULTZ PATHWAY
SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

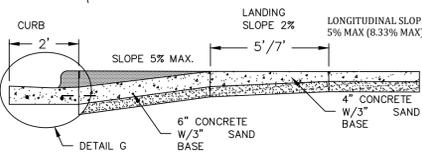
REVISIONS:		
DATE	BY:	COMMENTS:
11.02.24	CH	EGL 2ND SUBMITTAL
2.20.25	CH	EGL 3RD SUBMITTAL
4.11.25	CH	EGL 4TH SUBMITTAL
4.17.25	CH	BID SET
SHEET:		



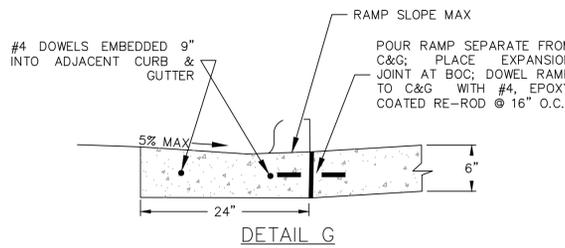
CROSS SECTION A-A



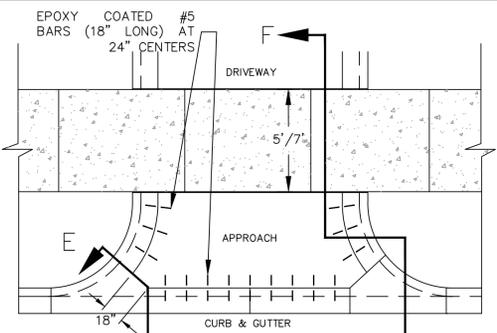
RAMP TYPE R



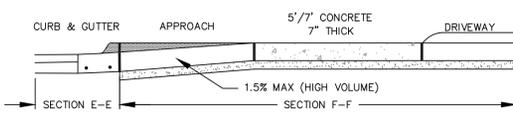
CROSS SECTION B-B



DETAIL G



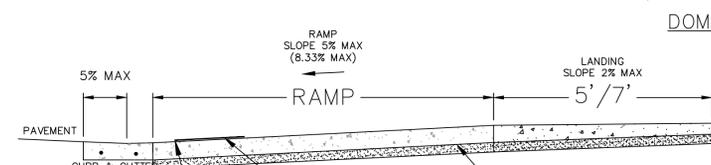
TYP. COMMERCIAL DRIVEWAY PLAN



CROSS SECTIONS E-E; F-F



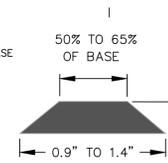
RAMPS LOCATED IN RADIUS



SECTION J-J

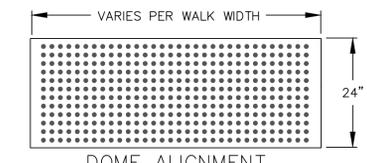
DETECTABLE WARNING DETAILS

DOME SPACING

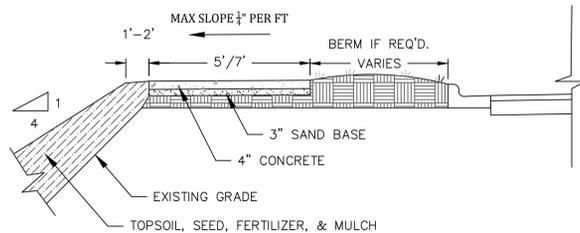


DOME SECTION

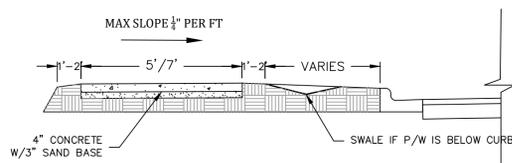
RAMP PERPENDICULAR TO TANGENT CURB



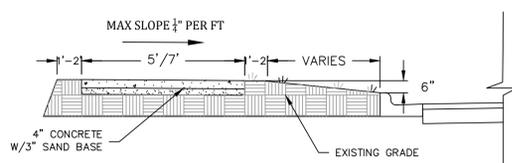
DOME ALIGNMENT



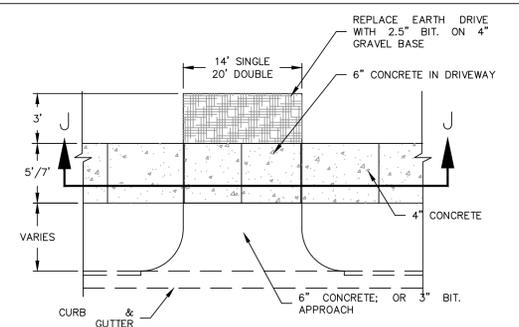
EMBANKMENT & BERM CROSS SECTION



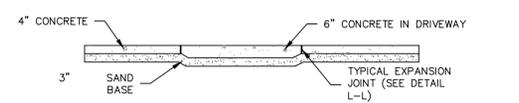
SWALE CROSS SECTION



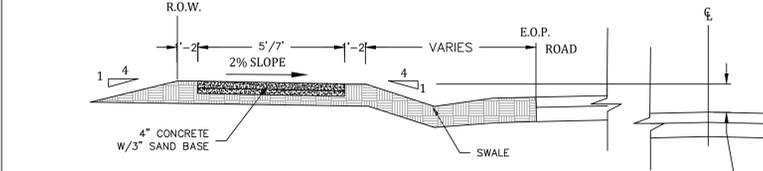
TYPICAL CROSS SECTION



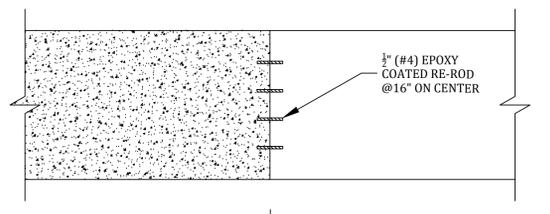
TYP. RESIDENTIAL DRIVEWAY PLAN



CROSS SECTIONS J-J

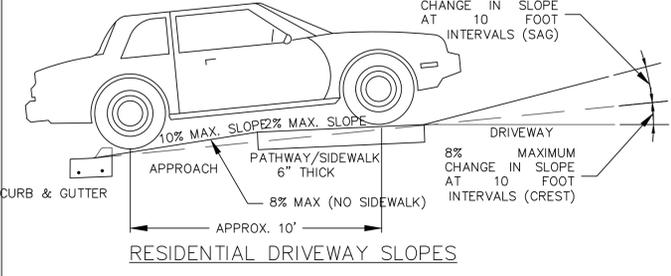


TYPICAL SECTION W/O CURB

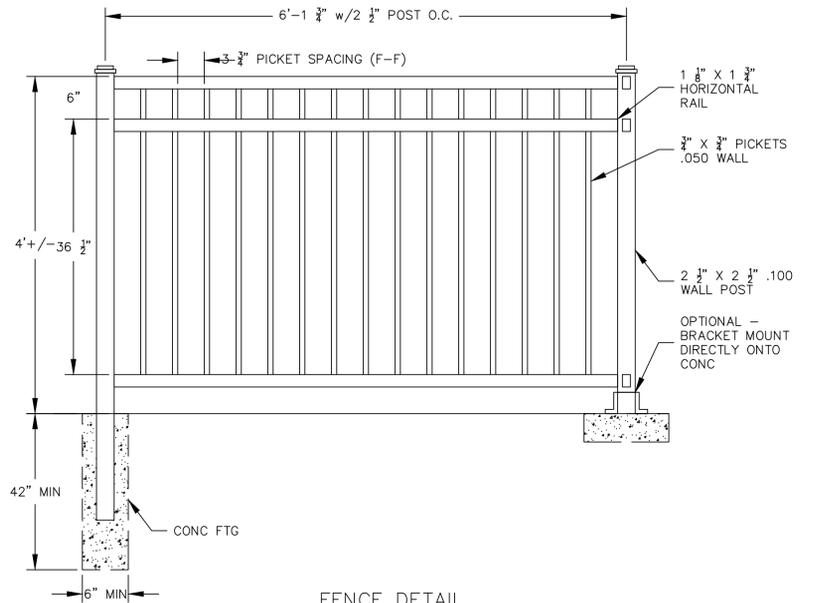


CONCRETE PINNING DETAIL

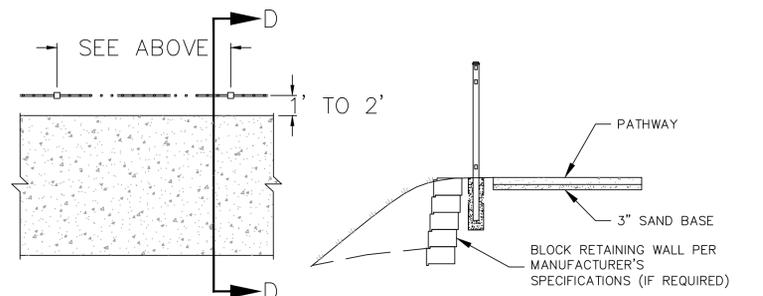
- GENERAL NOTES
1. SIDEWALKS/PATHWAYS SHALL BE 4" THICK CONCRETE EXCEPT AT DRIVEWAYS.
 2. SIDEWALKS/PATHWAYS THRU DRIVES SHALL BE: 6" (RESIDENTIAL); 7" (MULTI-RESIDENTIAL & COMMERCIAL)
 3. 3" OF COMPACTED SAND BASE SHALL BE PLACED UNDER ALL SIDEWALKS/PATHWAYS.
 4. ALL BITUMINOUS APRONS SHALL BE 2 1/2" THICK, UNLESS NOTED OTHERWISE
 5. PROPERTY IRONS SHALL BE MAINTAINED BY THE CONTRACTOR.
 6. ALL EXISTING CONCRETE AND BITUMINOUS SHALL BE SAWCUT. ALL CONCRETE AND BITUMINOUS REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
 7. ALL AGGREGATE BASE SHALL BE 22A, 4" THICK.
 8. ALL TREE AND BUSH REMOVAL SHALL BE CONSIDERED PART OF SUB-GRADE PREPARATION.
 9. LOCATION OF NEW PLANT MATERIAL SHALL BE AS DIRECTED BY THE ENGINEER, AND SHALL BE INSTALLED IN ACCORDANCE WITH GUIDELINES ESTABLISHED BY THE A.A.O.N.
 10. ALL PLANT MATERIAL NOT MARKED FOR REMOVAL SHALL BE PROTECTED.
 11. BITUMINOUS DRIVES SHALL BE SAWCUT 18" ON EITHER SIDE OF PROPOSED PATHWAY.



RESIDENTIAL DRIVEWAY SLOPES



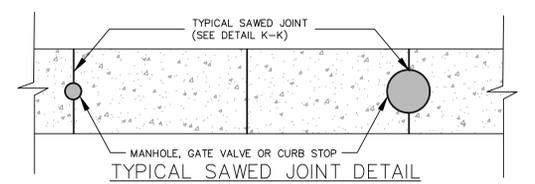
FENCE DETAIL



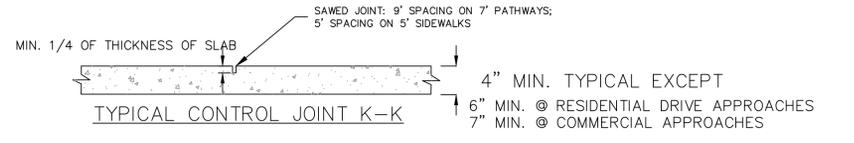
FENCE PLAN

FENCE CROSS SECTION D-D

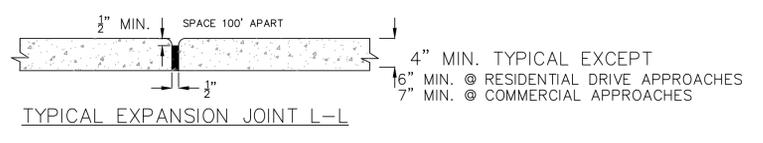
NOTE: FENCE POSTS CAN BE ANCHORED TO THE PATHWAY; THEN PATHWAY MUST BE WIDENED TO EIGHT FEET



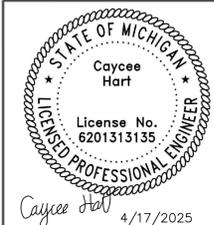
TYPICAL SAWED JOINT DETAIL



TYPICAL CONTROL JOINT K-K



TYPICAL EXPANSION JOINT L-L



Meridian Charter Township
Ingham County, Michigan

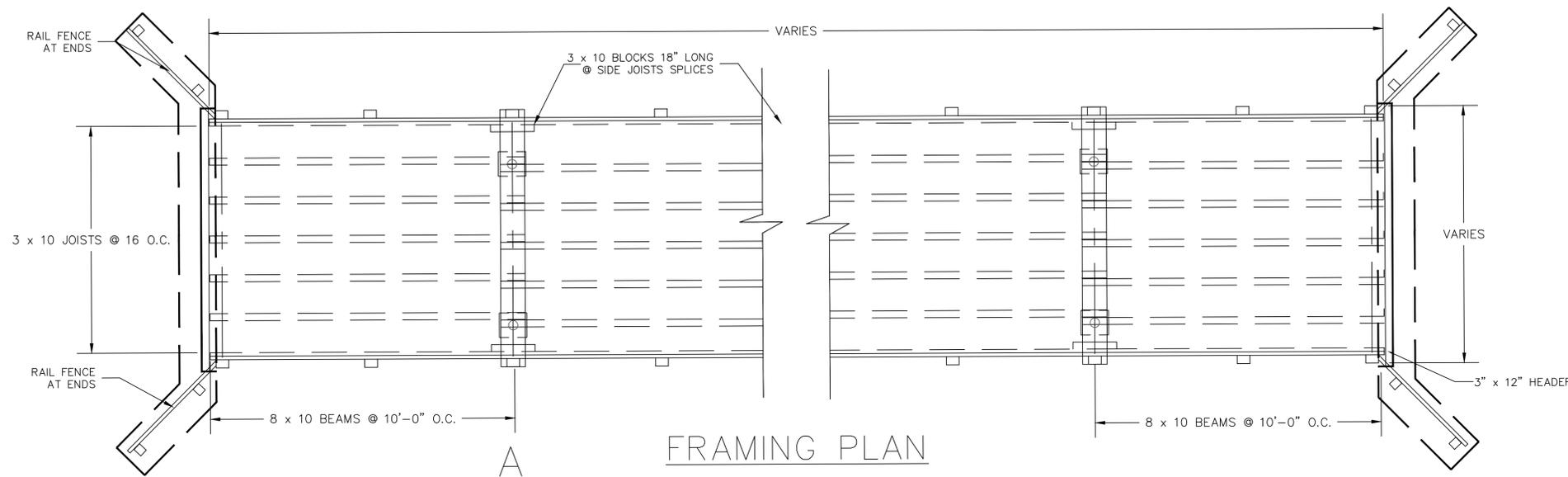
PATHWAY

SCHULTZ PATHWAY
SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: CH CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
11.02.24	CH	EGLE 2ND SUBMITTAL
2.20.25	CH	EGLE 3RD SUBMITTAL
4.11.25	CH	EGLE 4TH SUBMITTAL
4.17.25	CH	BID SET

SHEET:



FRAMING PLAN

BOARDWALK MATERIALS			EXTREME FIBER BENDING STRENGTH F _b (PSI)	MODULES OF ELASTICITY E (PSI)
ITEM	DESCRIPTION	SIZE/LENGTH		
1.	8" X 10" BEAMS	9'	2400	1600000
2.	3" X 10" JOISTS	11'	2400	1600000
3.	3" X 10" JOIST SPLICES	18"	2400	1600000
4.	3" X 8" DECK	9'	1500	1800000
5.	4" X 8" RAIL POSTS	4'-6"	1200	1200000
6.	2 X 10 TOP RAILS	11'	1200	1200000
7.	2 X 8 SIDE RAILS	11'	1200	1200000
8.	10" WOOD WOLMANIZED POSTS	5'-7" (VARIES)		
9.	3" X 12" HEADER	9'	2400	1600000
10.	3/8" CARRIAGE BOLTS, NUTS & WASHERS	5-1/2" - 7" (SPUCE PLATES)		
11.	3/4" BOLTS, NUTS & WASHERS	10"		
12.	3/4" BOLTS, NUTS & WASHERS	7-1/2"		
13.	7 GA. GALVANIZED STEEL PLATES	4" X 8"		
14.	5/8" LAG BOLTS	3"		
15.	ICE & WATER CAP	6"		

MATERIALS:

A. WOOD:

All wood members shall be Coast Region Douglas Fir or Southern Yellow Pine species. Commercial grade lumber for beams, joists, blocking and deck panels shall be similar to 2400f-1.6E(MSR). All other members shall be similar to 1200f-1.2E(MSR). All members shall be conditioned and pressure-treated in accordance with the requirements of AWPAC C2. The preservative chemical used shall meet applicable EPA requirements. The use of waterborne chemicals will not be allowed.

Handrails and posts shall be conditioned and pressure-treated with a clean preservative such as pentachlorophenol.

Joists shall extend over the full width of the supporting 8"x10" beams (except side joists).

Deck members shall be continuous over the deck width with no intermediate splices. Deck members shall lay up with no spaces between them. Deck members shall be in full contact with joists below.

Field cutting and drilling of wood members will not be allowed, unless all cuts and field-drilled holes are brush treated with a 5% pentachlorophenol solution or other approved field-treatment. Creosote solutions will not be approved for field-treatment.

All wood members shall have a smooth surface finish.

Wood posts shall meet ASTM D-25 standards for round timber posts. Posts shall be pressure treated in accordance with APWA standard C3.

All wood posts to have a minimum cover of 5'.

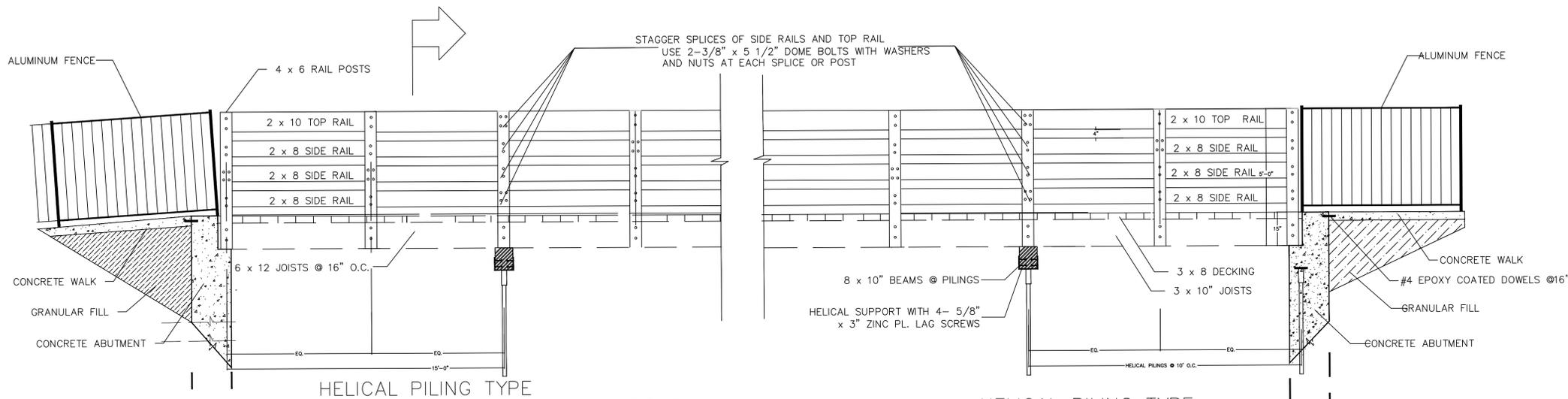
Manufacturer shall submit a certificate attesting to compliance with preservative specifications.

B. HARDWARE:

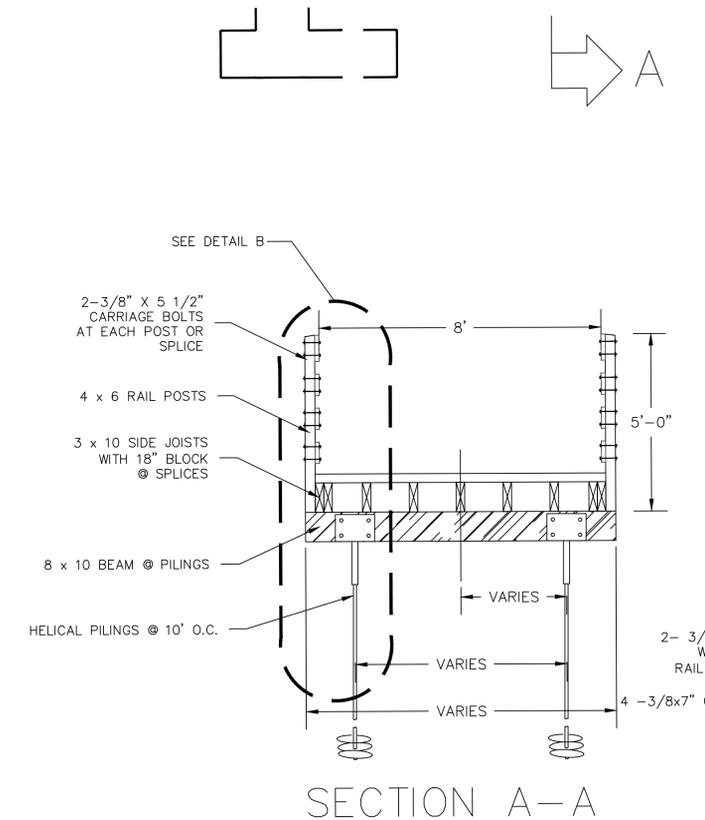
Bolts, nuts, and washers used for assembly shall conform to the requirements of ASTM A 325 and shall be hot-dip galvanized in accordance with ASTM A 153 or stainless steel.

Steel plate brackets used to connect beams to posts shall be ASTM A36 steel with hot-dip galvanized coating conforming to the requirements of ASTM A 153. Dimensions shall be as shown on plan.

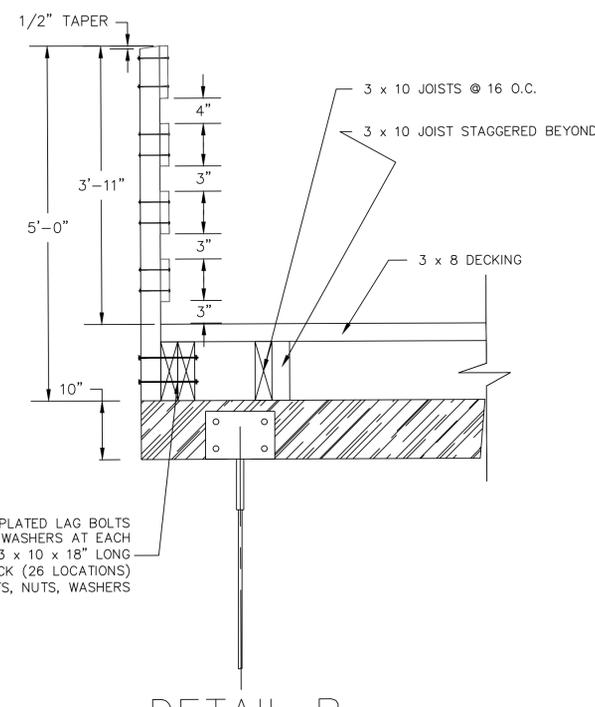
Deck Screws shall be epoxy coated t25 (#10 x 5") coarse thread. Provide two (2) screws per each for the following: joist to beam, joist laps, and blocking. Pre-drill toe-nailed joist to beam members, and deck ends (at side joists) with a 6" ring shank nail, to prevent splitting. Counterset deck screws 1/4", otherwise place as directed.



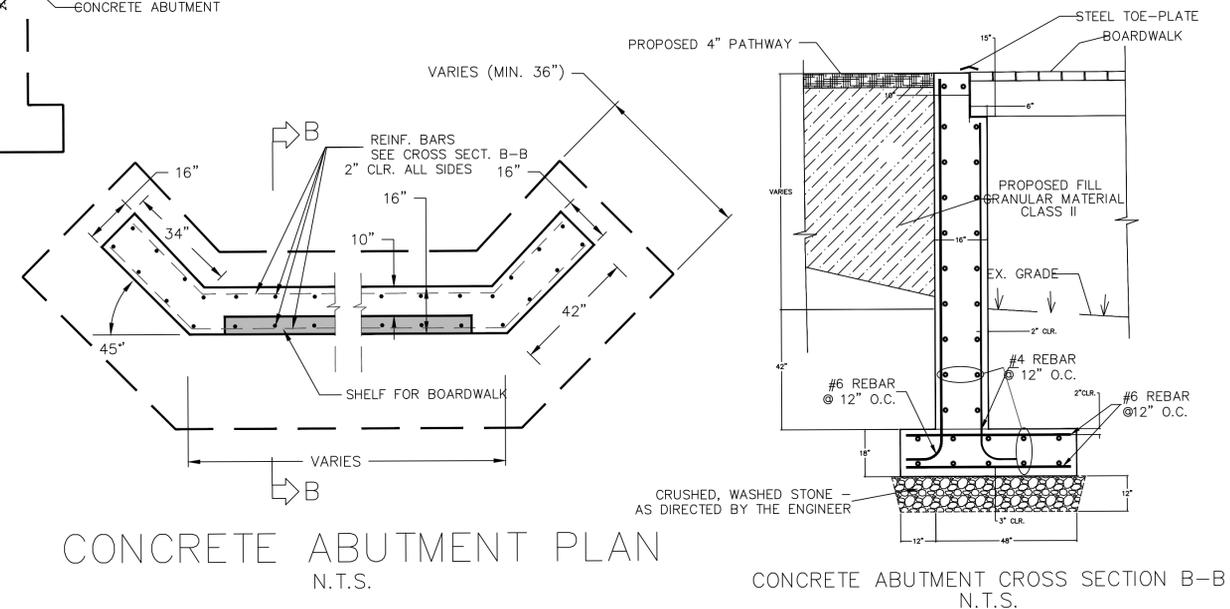
BOARDWALK ELEVATION
SCALE: 1" = 3'



SECTION A-A

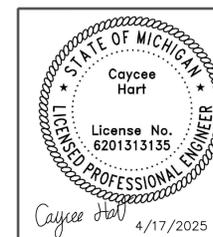


DETAIL B



CONCRETE ABUTMENT PLAN
N.T.S.

CONCRETE ABUTMENT CROSS SECTION B-B
N.T.S.



Meridian Charter Township
Ingham County, Michigan
PATHWAY

SCHULTZ PATHWAY

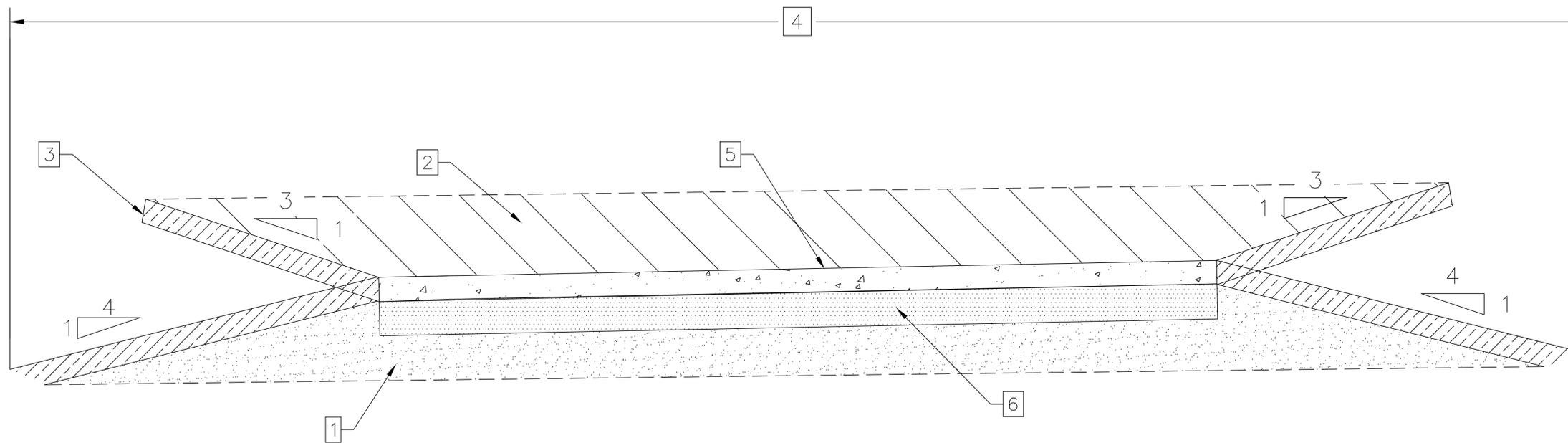
SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: GH

CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
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2.20.25	CH	EGLE 3RD SUBMITTAL
4.11.25	CH	EGLE 4TH SUBMITTAL
4.17.25	CH	BID SET

SHEET:



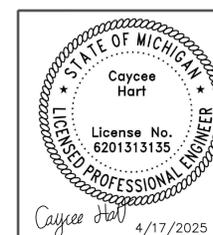
TYPICAL SECTION: CONCRETE PATHWAY

PAY ITEM LEGEND:

- 1 EMBANKMENT, LM
- 2 EXCAVATION, EARTH
- 3 SITE RESTORATION, 3" SCREENED TOPSOIL
- 4 SHARED USE PATH, GRADING
- 5 SHARED USE PATH, 4" CONCRETE
- 6 SHARED USE PATH, AGGREGATE (6" DEPTH)

GENERAL NOTES:

- CROSS-SECTIONS ARE NOT TO SCALE.
- SALVAGE OR REMOVE EXISTING TOPSOIL WITHIN THE GRADING LIMITS, OR AS DIRECTED BY THE ENGINEER. REMOVAL AND DISPOSAL WILL BE PAID FOR AS EXCAVATION, EARTH.
- TOPSOIL FOR SITE RESTORATION MAY BE SALVAGED FROM SITE, BUT MUST BE SCREENED OR RAKED TO REMOVE 1" OR GREATER DEBRIS.
- FOR SITE RESTORATION, USE SEED MEETING MDOT THM MIXTURE.
- EMBANKMENT, LM SHALL BE CLASS II GRANULAR MATERIAL OR ASPHALT MILLINGS.
- FOR EMBANKMENT, LM THE CONTRACTOR MAY USE MILLINGS FROM THE STOCKPILE AT MERIDIAN TOWNSHIP'S SERVICE CENTER. THERE ARE MORE THAN ENOUGH MILLINGS FOR ALL OF THE FILL REQUIRED ON THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE THE LABOR AND EQUIPMENT TO LOAD AND TRANSPORT THE MILLINGS FROM THE STOCKPILE LOCATION TO THE CONSTRUCTION SITE.



Meridian Charter Township
Ingham County, Michigan
PATHWAY

SCHULTZ PATHWAY

SE 1/4 AND SW 1/4 SECTION 29, T4N, R1W, MERIDIAN TOWNSHIP,
INGHAM COUNTY, MICHIGAN

DRAWN BY: CH

CHECKED BY: YI

REVISIONS:		
DATE	BY:	COMMENTS:
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2.20.25	CH	EGL 3RD SUBMITTAL
4.11.25	CH	EGL 4TH SUBMITTAL
4.17.25	CH	BID SET

SHEET:



To: Board Members
From: Stephen Gebes, IT Director
Date: July 3, 2025
Re: 2025 JustFOIA Contract Addendum

JustFOIA/MCCi is a company that provides an online service portal to Meridian Township. The service manages information related to Freedom of Information Act (FOIA) requests made to the Township. The portal is used for the following purposes:

1. Allows anyone with Internet access to submit FOIA requests
2. Monitors FOIA requests as they are processed by Township Staff at all levels of the organization
3. Tracks costs associated with compilation of the requested information
4. Processes payments for the information & services
5. Provides a uniform digital interface to allow the requestor to collect the information via the Internet

This contract is substantially similar to previous year's contracts with the following exceptions:

- A. The contract end is being modified to terminate on December 31, 2025
- B. The contract is set for a one (1) year renewal on January 1, 2026.

While not an essential change, this is being done to simplify payments and accounting of payments throughout administration, and to increase transparency of contractual obligations from budget year to budget year.

As such, the following motion is presented for the Board's consideration:

MOVE TO EXECUTE ADDENDUM NO. 1 WITH JUSTFOIA, INC, MODIFYING THE EXISTING CONTRACT TO END ON DECEMBER 31, 2025, AND RENEWING ON JANUARY 1, 2026.

Attachment:

1. JustFOIA Contract Addendum

This addendum, designated as Addendum No. 1 (this "Addendum") is entered into as of _____ ("**Addendum Effective Date**"), by and between JustFOIA and Client and is subject to Order No. 35766. This Addendum is hereby incorporated into the Order and made a part thereto. If there is any conflict between a provision of the Order and this Addendum, the Order will control. Any capitalized terms not otherwise defined herein shall have the meaning set forth in the Order. This Addendum supersedes any previous quotes or proposals received on the subject matter hereof. Use of pre-printed forms, including, but not limited to email, purchase orders, shrink-wrap or click-wrap agreements, acknowledgements, or invoices, is for convenience only and all unilaterally issued and/or pre-printed terms and conditions stated thereon, except as specifically set forth in this Order, are void and of no effect.

IN WITNESS WHEREOF, the parties hereto have caused this Addendum to be executed by their respective duly authorized representatives as of the Addendum Effective Date.

JustFOIA, Inc. ("Company")

Signed: _____

Name: _____

Title: _____

Date: _____

MERIDIAN CHARTER TOWNSHIP ("Client")

Signed: _____

Name: _____

Title: _____

Date: _____

PRICING



3717 Apalachee Parkway, Suite 201
 Tallahassee, FL 32311
 850.701.0725
 850.564.7496 fax

Bill to: Stephen Gebes
geb@meridian.mi.us

Ship to: Emily Gordon
gordon@meridian.mi.us

cc AP Contact: geb@meridian.mi.us
cole@meridian.mi.us

Client Name: Meridian Charter Township
Client Address: 5151 Marsh Road, Okemos, MI 48864
Quote Number: 35766
Quote Type: Expansion

Quote Date: 4/21/2025

Subscription Period Start Date: 05/13/2026

Subscription Period End Date: 12/31/2026

<i>Product Description:</i>	<i>Qty.</i>	<i>Unit Cost</i>	<i>Total</i>
JustFOIA ANNUAL RECURRING SERVICES			
<input checked="" type="checkbox"/> JustFOIA Pro Tier 3: 30,000-69,999 Population	1	\$9,095.63	\$9,095.63
<input checked="" type="checkbox"/> Any & All Document Management for JustFOIA Pro	1	\$2,273.91	\$2,273.91
<input checked="" type="checkbox"/> Single Sign on for JustFOIA Pro	1	\$1,364.35	\$1,364.35
<input checked="" type="checkbox"/> Unlimited Admins, Power Users & General Users	1	Included	Included
<input checked="" type="checkbox"/> 3 TB of Storage	1	Included	Included

SUBTOTAL - RECURRING ANNUAL SERVICES **\$12,733.89**

JustFOIA Subscription Proration for 7+ Months (\$4,605.13)

YEAR 1 ORDER COST **\$8,128.76**

Based on payment of Renewal Invoice RN21894.

All Quotes Expire 30 Days from Quote Date

This is NOT an invoice. Please use this confirmation to initiate Client's purchasing process.

RECURRING SERVICES

The Recurring Services portion of this Order will renew based on the same terms included in the JustFOIA Subscription Order, to which this expansion applies.

SALES TAX

Sales tax will be invoiced where the Client is not exempt and/or has not communicated its tax status to JustFOIA. Sales tax is not included in the fee quote above.

TERM

Either party may terminate this Order upon any of the following:

- (a) Thirty (30) days after a party's receipt of written notice from the other party that this Order and/or applicable addendum shall be terminated; or

- (b) Thirty (30) days after one party notifies the other in writing that they are in breach or default of this Order, unless the breaching party cures such breach or default within such thirty (30) day period; or
- (c) Fifteen (15) days after the filing of a petition in bankruptcy by or against either party, any insolvency of a party, any appointment of a receiver for such party, or any assignment for the benefit of such party's creditors (a "**Bankruptcy Event**"), unless such party cures such Bankruptcy Event within the fifteen (15) day period; or
- (d) If Client has not paid in full the renewal invoice within 45 days after scheduled renewal date of the Recurring Services, the Order (and/or applicable addendum) will systematically terminate, but may be reinstated if/when the Client pays the renewal invoice in full (including any applicable reinstatement fees); or
- (e) If Client is a city, county, or other government entity the following applies: If Client's governing body fails to appropriate sufficient funds to make payments due and to become due during Client's next fiscal period, Client may, subject to the terms herein, terminate the Order as of the last day of the fiscal period for which appropriations were received (each an "**Event of Non-appropriation**"). Client agrees to deliver notice of an Event of Non-appropriation to JustFOIA at least 30 days prior to the end of Client's then-current fiscal period, or if an Event of Non-appropriation has not occurred by that date, promptly upon the occurrence of any such Event of Non-appropriation. If this Order is terminated following an Event of Non-appropriation, Client agrees to compensate JustFOIA for services rendered prior to such Event of Non-appropriation.

[remainder of page intentionally left blank]

BILLING

JustFOIA will invoice Client as follows:

Product/Service Description	Timing of Billing
Recurring Services	Within 30 days of receipt of Order.

JustFOIA shall not send any invoices, nor claim payment, for any fees or expenses incurred by JustFOIA until both parties authorize this Order.

PAYMENT

Client agrees to pay all undisputed invoices and undisputed portions of a disputed invoice in full within thirty (30) days from the date of each invoice. Once payment has been received, no refunds for Recurring Services are available.

TECHNICAL SUPPORT

To support your journey, it's important to have a plan in case issues or needs arise.

Technical Support

JustFOIA Technical Support is provided for all clients through the online support center, by email (support@justfoia.com), or by telephone (800-342-2633), during business hours of 8 a.m. to 8 p.m. Eastern Time. Technical Support covers Solution break/fix support, version updates, and continued educational resources including the JustFOIA Training Center.

	JustFOIA Technical Support Services	JustFOIA Managed Support Services	JustFOIA Process Administration Support Services
Description	Technical	JMSS	JPASS
Easy access to JustFOIA's team of support technicians for break/fix support issues (i.e., error codes, bug fixes, etc.) & basic Q&A support	■	■	■
Remote access support through web meeting	■	■	■
Access to version updates, security updates and hotfixes	■	■	■
Customized JustFOIA Training Center Support	■	■	■
Access to high-level support technicians with enhanced knowledge		■	■
Remote Training for New/Existing Users		■	■
Annual System Review (upon Client request)		■	■
System Settings Consultation		■	■
Assistance with Current System Modifications*		■	■
Assistance with New System Configurations**		■	■
Configuration Changes to Routing of Current DirectRoute Workflows		■	■
Dedicated Technical Support Professional			■
Institutional Knowledge of Client's Solution			■
Proactive recurring consultation calls upon the Client's request			■
Adjust Current SSO or Payment Portal Connections			■

***Current System Modifications** includes Public Portal, Forms, Standard Workflows, Email Templates, Advanced Reports, Custom Dashboards, Dynamic Fields, Users, and Redaction settings.

****New System Configurations** includes Users, Forms, Standard Workflows, Email Templates, Advanced Reports, Custom Dashboards, Dynamic Fields, Users, and Redaction settings. This will also include new additional features that are added to Client's subscription in the future.

Note on Hours usage: JustFOIA allows clients to use their hours for a multitude of post-implementation services, as long as a request will not start a service that cannot be completed within the hours available. The creation of new DirectRoute Workflows is not included in Supplemental Support Services.

JUSTFOIA ASSUMPTIONS

THESE ASSUMPTIONS APPLY TO ALL ORDERS PLACED FOR THE SOLUTION.

THESE PROVISIONS SHALL SURVIVE AFTER TERMINATION OR EXPIRATION OF ANY AND ALL PORTIONS OF THE ORDER.

WARRANTIES & DISCLAIMERS

JUSTFOIA DOES NOT PROMISE THAT THE SOLUTION WILL BE UNINTERRUPTED OR ERROR-FREE. CLIENT ACKNOWLEDGES THAT THERE ARE RISKS INHERENT IN INTERNET CONNECTIVITY THAT COULD RESULT IN THE LOSS OF CLIENT PRIVACY, CLIENT DATA, CONFIDENTIAL INFORMATION, AND PROPERTY.

JustFOIA Warranties

JustFOIA warrants that (i) the Solution shall perform materially in accordance with any specifications or descriptions set forth herein, (ii) subject to exceptions related to non-JustFOIA software, the functionality of the Solution will not be materially decreased during the term of this Order, (iii) JustFOIA will use industry standard measures to not transmit malicious code and the like ("Malicious Code") to Client, provided that if Client or a user uploads a file containing Malicious Code into the Solution Client shall be liable for the same; and (iv) to JustFOIA's knowledge, Client's use of the Solution in strict compliance with the Order shall not infringe or violate the intellectual property rights of any third-party.

The warranties herein are void to the extent of any Client failure to perform in accordance with the Order and any licensing terms. JustFOIA shall not be responsible for any decrease in functionality or other issues that are the result of (i) the Solution not being used in accordance with the Order, (ii) the Solution being modified or altered by or on behalf of Client without JustFOIA's written permission, or (iii) Internet or network connections, third-party software, streaming services, computers, equipment and/or devices not supplied by JustFOIA.

Client Warranties

Client warrants that JustFOIA's use of Client data and/or any other item provided by Client, in accordance with the Order will not infringe or violate the intellectual property or other rights of any third-party.

Client warrants that it shall have all rights and licenses of third-parties necessary or appropriate for JustFOIA to access or use such third-party products and agrees to produce evidence of such rights and licenses upon the reasonable request of JustFOIA.

TECHNICAL SUPPORT

JustFOIA Technical Support is provided for all clients through the online support center, by email (support@JustFOIA.com), or by telephone (800-342-2633), during business hours of 8 a.m. to 8 p.m. Eastern Time. Technical Support covers Solution break/fix support, version updates, and continued educational resources including the Training center for JustFOIA.

PROFESSIONAL SERVICES

CHANGE ORDER PROCESS

Any deviations from the contract will be documented in a Change Order that Client must execute.

SCHEDULING

All rates are based on normal business hours, Monday through Friday from 8 am to 5 pm local time. If scheduling needs to occur after business hours, additional rates may apply.

LIMITED LIABILITY

If the Master Agreement is silent on each party's limited liability, or there exists no master agreement, except for breach of any Intellectual Property right or Acceptable Use Policy, liability is limited to the amount of dollars received by JustFOIA directly associated with this Order in the twelve (12) months prior to the date of the Claim. If the applicable agreement provides for a limitation of liability, then such limitation applies to the greatest extent allowed.

JustFOIA also does not warrant any third-party products procured on behalf of Client. If there are any product warranties provided by the manufacturer of the product, any remedy should be requested directly from manufacturer and JustFOIA has no liability associated therewith.

CLIENT SOLUTION CUSTOMIZATIONS

Client may also choose to customize their system internally without JustFOIA's help. JustFOIA is not responsible for any damage caused by the user's customization of the system not performed by JustFOIA. JustFOIA will not be held responsible for correcting any problems that may occur from these customizations.

CLIENT INFORMATION TECHNOLOGY ASSISTANCE

For JustFOIA to excel in providing the highest level of service, Client must provide timely access to technical resources. Client must provide adequate technical support for all JustFOIA installation and support services. If Client does not have "in-house" technical support, it is Client's responsibility to make available the appropriate Information Technology resources/consultant when needed.

LICENSED SOFTWARE AND SERVICES

During the term of the Order and any applicable addenda, JustFOIA grants to Client and Client accepts a non-transferable, revocable, non-exclusive, and limited license to use the Solution as defined herein subject to the terms, obligations and restrictions set forth in the Order. All rights to the Solution not granted to Client are reserved by JustFOIA.

CLIENT RESPONSIBILITIES

Files and other content that JustFOIA may provide to Client may be protected by intellectual property rights of others. Client will not copy, upload, download, or share files unless Client has the right to do so. Client, not JustFOIA, will be fully responsible and liable for what is copied, shared, uploaded, downloaded, or otherwise used while using the Solution. Client will not upload malware or any other malicious software to the Solution. Client is also responsible for the timely and accurate fulfillment of records requests, and ensuring that no classified, confidential, or illegal information is provided to or through the Solution.

ACCEPTABLE USE POLICY

Client agrees that it will not misuse or attempt to misuse the Solution, and that the Solution will only be used in a manner consistent with the Order. Client may only store non-confidential data to the Solution. It is understood and agreed that the uploading of confidential data to the Solution shall be allowed for redaction purposes (redaction process not to extend beyond 30 calendar days) and that the Solution is not to be used for long-term storage of unredacted confidential data following closure of the request.

Client acknowledges and agrees that all use of the Solution hosted on the Azure Government Cloud is subject to the Microsoft terms and conditions surrounding the same. JustFOIA's obligations and liability and Client's rights are limited by the same. Further, JustFOIA neither accepts liability for, nor warrants the functionality, utility, availability, reliability, or accuracy of, third-party software or third-party services.

INFORMATION & PRIVACY

By using the Solution, Client will be providing JustFOIA with information. Client retains full ownership of its information, and JustFOIA does not assert ownership. These Assumptions do not grant JustFOIA any rights to Client's information or intellectual property except for the limited rights that are needed to run the Solution, as explained below.

JustFOIA may need Client's permission to handle its information as directed and required for the functioning of the Solution. An example is hosting files or sharing them. Client hereby grants a license to JustFOIA to use and process such information solely to the extent necessary to fulfill JustFOIA's obligations. This license also extends to trusted third parties JustFOIA works with to do the same.

Client is solely responsible for its conduct, the content of its files, and its communications with others while using the Solution. For example, it is Client's responsibility to ensure that it has the rights or permission needed to comply with these Assumptions, Terms & Conditions.

INFORMATION SHARING AND DISCLOSURE

JustFOIA may use certain trusted third-party companies and individuals to help JustFOIA provide, analyze, and improve the Solution (including but not limited to data storage, maintenance services, database management, web analytics, payment processing, and improvement of the Solution's features). These third parties may have access to Client's information only for purposes of performing these tasks on JustFOIA's behalf and under obligations similar to those in the Information & Privacy section above.

INTELLECTUAL PROPERTY

The Solution and any services surrounding the same herein are not considered "Works made for Hire" or otherwise a grant of any right, title or interest. Except for the license grant herein, all rights to the Solution and all services surrounding the same are—and remain—with JustFOIA. Client shall retain a non-exclusive, royalty-free, world-wide, perpetual license to use the outputs generated by Solution and stored external to Solution by Client during the Subscription Period.

Except for the license grants hereunder, as between Client and JustFOIA, Client retains all rights to Client data and information.

ACCOUNT SECURITY

Client is responsible for any activity using its account and for safeguarding the passwords used to access the Solution, including not disclosing passwords to any third-party. Client will immediately notify JustFOIA of any unauthorized use of Client's account. Client acknowledges that if it wishes to protect its transmission of data or files to the Solution, it is Client's responsibility to use a secure network to communicate with the Solution.

DATA RETENTION & ACCESS

JustFOIA will retain Client's information (data hosted in the Solution) for as long as its account is active or as needed to provide the Solution. If Client wishes to cancel its account or request that JustFOIA no longer use Client's information to provide the Solution, Client may request that JustFOIA delete its account. JustFOIA may retain and use Client's information as necessary to comply with legal obligations, resolve disputes, and enforce mutual agreements. Consistent with these requirements, Client may request that JustFOIA delete Client's information. Please note, however, that there might be latency in deleting information from JustFOIA servers and backed-up versions might exist after deletion. In addition, JustFOIA does not delete Client information from its server's files that Client has in common with other users, provided that JustFOIA's confidentiality obligations will persist with regard to such retained confidential information. Client understands and agrees that once the Client instance of the Solution is decommissioned, JustFOIA may not be able to provide Client a copy of the data included therein. Client agrees that it will back up all Client information that it requires. JustFOIA may decommission any environment after 45 days of Client not maintaining an active subscription to the applicable environment, including without limitation, as a result of non-renewal and/or non-payment. For the avoidance of doubt, if Client has an active subscription, Client may download its data at any time.

NON-JUSTFOIA APPLICATIONS AND PROVIDERS

The Solution may contain links to third-party websites or resources. JustFOIA does not endorse and is not responsible or liable for third-party websites, including, without limitation, availability, accuracy, the related content, products, or services. Client is solely responsible for its use of any such websites or resources.

Acquisition of Non-JustFOIA Products and Services

JustFOIA or third parties may from time to time make available to Client third-party products or services, including but not limited to non-JustFOIA applications and implementation, customization, and other consulting services. Such products and services shall be clearly designated as provided by a third-party in the applicable Order. Any acquisition

by Client of such non-JustFOIA products or services, and any exchange of data between Client and any non-JustFOIA provider, is solely between Client and the applicable non-JustFOIA provider. JustFOIA does not warrant or support products or services not provided by JustFOIA, whether or not they are designated by JustFOIA as "Certified" (as that term is defined below) or otherwise, except as specified in the Order and/or applicable addenda. No purchase of non-JustFOIA products or services is required to use the Solution except a supported computing device, operating system, web browser and Internet connection, all of which Client is solely responsible for providing in accordance with the specifications that may be provided by JustFOIA from time to time. For purposes of the Order, "Certified" shall describe applications and other products developed and sold by third parties that JustFOIA has verified interoperate with the Solution.

Non-JustFOIA Applications and Client information

If Client installs or enables non-JustFOIA applications for use with the Solution, Client acknowledges that JustFOIA may allow providers of those non-JustFOIA applications to access Client information as required for the interoperation of such non-JustFOIA applications with the Solution. JustFOIA shall not be responsible for any disclosure, modification or deletion of Client information resulting from any such access by non-JustFOIA application and/or providers. The Solution shall allow Client to restrict such access by restricting users from installing or enabling such non-JustFOIA applications for use with the Solution. JustFOIA is not responsible for, and Client agrees to hold JustFOIA harmless from any third-party claims or liability owed to third parties resulting from any unauthorized use or disclosure or any damage or loss of Client information as a result of use of non-JustFOIA applications or access to Client information by non-JustFOIA application and/or providers.

Integration with Non-JustFOIA Services

The Solution may contain features designed to interoperate with non-JustFOIA applications (e.g., Laserfiche, Adobe, Authorize.net, or PayPal applications). To use such features, Client may be required to obtain access to such non-JustFOIA applications from their providers. If the provider of any such non-JustFOIA application ceases to make the non-JustFOIA application available for interoperation with the corresponding Solution features on reasonable terms, JustFOIA may cease providing such features without entitling Client to any refund, credit, or other compensation, unless the provider of such non-JustFOIA application provides for a refund of such fees.



To: Board Members
From: Rick Grillo, Chief of Police
Date: July 8, 2025
Re: Ingham County Mutual Police Assistance Agreement

Ingham County law enforcement agencies have long-standing mutual aid agreements. These agreements are crucial for ensuring public safety during incidents that necessitate additional police resources or exceed the Meridian Township Police Department's immediate capabilities. Similarly, the Meridian Township Police Department provides assistance to other municipalities when requested. All law enforcement agencies in Ingham County have historically participated in the mutual aid agreement.

The mutual aid agreement currently in use was executed in 2019. The proposed mutual aid agreement for 2025 has updated language and current agency heads listed.

As such, the following motion is presented for the Board's consideration:

MOVE TO AUTHORIZE THE UPDATED INGHAM COUNTY MUTUAL POLICE ASSISTANCE AGREEMENT WITH UPDATED LANGUAGE AND CURRENT AGENCY HEADS LISTED.

Ingham County Mutual Police Assistance Agreement

Section 1. Parties and Authority

- A. This Agreement is made and entered into by and among the County of Ingham, the Cities of Lansing, East Lansing, Williamston, Leslie and Mason, the Village of Stockbridge, Lansing Charter Township and the Charter Township of Meridian, Michigan State University, Lansing Community College, and the Capital Region Airport Authority. The parties are authorized to enter into this Agreement by virtue of the provisions of the Michigan Constitution of 1963, Article VII, Section 28 and/or Article VIII, Section 5; Act 236 of the Michigan Public Acts of 1967 (Mutual Police Assistance Agreements); Act 278 of the Michigan Public Acts of 1909 (Home Rule Village Act); Act 279 of the Michigan Public Acts of 1909 (Home Rule City Act); Act 7 of the Public Acts of 1967 (the Urban Cooperation Act, MCL 124.502 et seq.); Act 120 of 1990 (Public Safety Officers Act); Act 327 of 1945 (Aeronautics Code of the State of Michigan); the Intergovernmental Contracts Act, MCL 124.1 et seq.; and the respective charters of the parties.
- B. It is mutually understood and agreed that each of the parties and their officers, agents and employees, in carrying out this Agreement, are engaged in a governmental function as provided for in Act 170 of the Michigan Public Acts of 1964, as amended and are acting pursuant to these statutes, and are thus entitled to all immunities under Michigan law.
- C. It is agreed by the parties that Michigan Commission on Law Enforcement Standards (MCOLES) licensed police officers (under MCL 28.609) in the employ of each of parties shall, during on-duty hours and when carrying out this Agreement, have the same state law enforcement authorities, powers, duties, privileges and immunities as are conferred upon them as police officers in their own jurisdiction, in the jurisdiction of each of the parties when acting on an emergent need or special police need. An emergent need shall not require a request for aid pursuant to Section 4.
- D. Written procedure for responding to specific types of emergent needs and special police needs will be developed as needed and included as addenda to this Agreement. Adoption of these procedures shall not require a municipal resolution and instead, shall become effective with the signature of the chief law enforcement officers of the parties.

Section 2. Purpose of the Agreement

The parties to this agreement are located in proximity to each other in the County of Ingham. The parties recognize the mutual advantage and benefit in rendering to each other supplemental police protection in the event of an emergent need, or a special police need of the magnitude that has developed, appears to be developing, or is anticipated, where the special police need is beyond the capabilities of a single police department and therefore requires the assistance of one or more of them.

Section 3. Definitions

- A. "Senior Officer" shall mean the highest ranking on-duty police officer in the governmental unit who has the authority and the responsibility for directing the law enforcement agency of one of the parties at the time of a special police need, and with the actual authority to approve a mutual aid response pursuant to this Agreement.
- B. "Special Police Need" shall mean the circumstance or a combination of circumstances requiring a response or action for which additional police resources are needed for public safety or which are beyond the immediate and available capability of the requesting party. Examples include, but are not limited to, assistance by a specialized unit or capability (e.g., canine, bomb disposal, etc.), assistance to respond to an urgent or emergency incident such as a crime or disorder, a special event (e.g., parade, dignitary protection visit, sporting event, etc.), a joint task force or collaborative investigation (e.g., involving on-going investigation of a specific crime event, group of related crimes, or a specialized type of crime), disaster (e.g., tornado, ice storm, etc.), or critical incident of extended duration (e.g., civil disorder OT riot, barricaded suspect, etc.).
- C. "Requesting Agency" shall mean the law enforcement agency of the governmental entity in which a special police need exists and who requests aid pursuant to this Agreement.
- D. "Responding Agency" shall mean the law enforcement agency of the governmental entity which sends personnel and/or equipment to a Requesting Agency pursuant to this Agreement.
- E. "Unified Incident Command" shall mean the command structure for a special police need, involving representatives from the requesting and all Responding Agencies.
- F. "Emergent Need" shall mean any situation which an on-duty officer reasonably believes may be a threat to public safety.

Section 4. Request for Assistance

- A. The Senior Officer of the Requesting Agency shall be responsible for determining and declaring that a special police need exists within the municipality.
- B. Upon such a determination, the Senior Officer of the Requesting Agency shall make a request for aid to the Senior Officer of the participating parties that possess the apparent resources to respond.
- C. A request for assistance may be transmitted in person, by electronic mail, telephone, radio, or through the appropriate communications center or dispatch center. The request shall specify the nature of the special police need, type of response requested, location and safe route(s) to the scene of the incident and staging area, and communications, i.e., radio frequencies, telephone numbers, etc.

Section 5. Response to Request

- A. The Senior Officer of the Responding Agency must evaluate each request and determine whether assistance may be provided.
- B. If the request is granted, the nature and extent of the response shall be determined in the sole discretion of the Senior Officer of the Responding Agency. In that event, the Responding Agency shall immediately inform the Requesting Agency of the nature and extent of the response and shall immediately make available such personnel, equipment, aid or assistance as is requested and available to meet the special police need without jeopardizing the safety of the Responding Agency's jurisdiction.
- C. The Senior Officer of the Responding Agency may decline the request for aid in his/her sole discretion. In that event, the Senior Officer of the Responding Agency shall immediately notify the Requesting Agency that the request has been declined.
- D. No party to this Agreement shall be liable for declining to respond to an emergent need or a request for assistance to a special police need.

Section 6. Command and Control

- A. The person in charge of general direction of police operations at the scene of a special police need shall be the Senior Officer of the Requesting Agency.
- B. Dependent upon the duration, magnitude, or nature of the special police need incident, a Unified Incident Command may be established by the Senior Officer of the Requesting Agency. Representatives of each of the Responding Agencies will participate in the Unified Incident Command, providing expertise, information and intelligence, and input to decision-making.
- C. All personnel and equipment of a Responding Agency shall remain under the direction of the Senior Officer of that Responding Agency throughout the special police need response, except as may be otherwise agreed by the Senior Officer of that Responding Agency to meet the specific requirements of the special police need incident and response.

Section 7. Withdrawal of Personnel and Equipment

- A. The personnel and equipment from a Responding Agency will be released and returned for duty in its own jurisdiction as soon as the special police need is concluded or comes within the capability of the Requesting Agency to satisfactorily handle it within its own resources.
- B. Notwithstanding subparagraph A above, the personnel, equipment, aid and assistance of a Responding Agency may be withdrawn at any time, without liability, in the sole discretion of the Senior Officer of the responding party. However, such withdrawal should only occur

after notification of the Senior Officer of the Requesting Agency and a reasonable opportunity to make other accommodations.

- C. It is mutually understood and agreed that this Agreement does not relieve any of the participating agencies hereto from providing police protection within their own jurisdictions.

Section 8. Critique and Evaluation

Within thirty (30) days of a request for assistance as defined within this Agreement, the chief law enforcement officer of either the Requesting Agency or a Responding Agency may request a meeting to discuss and evaluate the effectiveness of the response.

Section 9. Liability

- A. It is the intent of this Agreement that each participating government entity shall bear the sole responsibility for the acts or omissions of its personnel in all activity entered into pursuant to this Agreement, including but not limited to, providing a response to an emergent need or to a special police need.
- B. Nothing contained herein shall be intended to provide third party beneficiary rights to all persons or to create a cause of action in favor of such persons. Nothing contained herein shall be construed as a waiver of governmental immunity or other defenses to liability of any party.

Section 10. Compensation

- A. All costs to a Responding Agency related to compensation and disability payments, retirement, and furlough payments; and all charges incurred for damage to or loss of equipment occurring as a result of, and pursuant to this Agreement, shall be borne by the Responding Agency, with the exception of any reimbursement funds made available pursuant to Section 10.C.
- B. No party to this Agreement shall be required to pay any compensation to any other party to this Agreement for services rendered; the mutual advantages and protections afforded by this Agreement being considered adequate compensation to all of the parties.
- C. The Requesting Agency or its parent governmental entity, when seeking reimbursement of the cost for emergency operations, shall seek such funds from the appropriate external sources, on behalf of any Responding Agencies. Each agency shall maintain appropriate records to support such application.

Section 11. Termination

A party may withdraw from this Agreement by providing the chief law enforcement officer of the other parties with written notice of its intent to withdraw no less than thirty (30) days prior to the date the party will cease to participate in this Agreement.

Section 12. Approval by Participants

Other municipal corporations and government entities may be added to this Agreement upon ratification of the legislative bodies of all current parties and exchange of resolutions.

Section 13. Acceptance and Execution

IN WITNESS WHEREOF, the parties have executed this Agreement, as authorized by these respective governing bodies, June, 2025.

COUNTY OF INGHAM

By: _____
Ryan Sebolt
Ingham County Board of Commissioners

By: _____
Scott Wriggelsworth
Ingham County Sheriff

Attest: _____
Barb Byrum
Ingham County Clerk

COUNTY OF INGHAM

Approved for entry by County of Ingham, Cohl, Stoker & Toskey, P.C.

Timothy M. Perrone
Attorney at Law

CITY OF LANSING (A Michigan Municipal Corporation)

By: _____
Andy Schor
Lansing Mayor

By: _____
Robert Backus
LPD Chief of Police

Attest: _____
City Clerk

CITY OF LANSING

Approved as to form:

Gregory Venker
City Attorney

CITY OF EAST LANSING (A Michigan Municipal Corporation)

By: _____
Robert Belleman
City Manager

By: _____
Jennifer Brown
ELPD Chief of Police

Attest: _____
City Attorney

CITY OF LESLIE

By: _____
Ron Bogart
City Manager

By: _____
Evan R. Bennehoff
Leslie Chief of Police

Attest: _____
City Clerk

CITY OF MASON (A Michigan Municipal Corporation)

By: _____
Deborah Stuart
City Manager

By: _____
Matthew Shutes
Mason Chief of Police

Attest: _____
City Clerk

CITY OF STOCKBRIDGE (A Michigan Municipal Corporation)

By: _____
Jill Ogden
Stockbridge Village Council President

By: _____
Matthew Bartus
Stockbridge Chief of Police

Attest: _____
Village Clerk

CITY OF WILLIAMSTON (A Michigan Municipal Corporation)

By: _____
Tammy Gilroy
Mayor

By: _____
Jeff Weiss
Williamston Chief of Police

Attest: _____
City Clerk

LANSING CHARTER TOWNSHIP (A Michigan Municipal Corporation)

By: _____
Maggie Sanders
Township Supervisor

By: _____
John Joseph
Chief of Police

Attest: _____
Township Clerk

MERIDIAN CHARTER TOWNSHIP (A Michigan Municipal Corporation)

By: _____
Tim Dempsey
Township Manager

By: _____
Rick Grillo
Chief of Police

Attest: _____
Township Clerk

CAPITOL REGION AIRPORT AUTHORITY

By: _____
Steve Gonzalez
Chief of Public Safety

By: _____
Nicole Noll-Williams
President & CEO

Attest: _____
Name

LANSING COMMUNITY COLLEGE

By: _____
Daryl Gaines
LCC Chief of Police

Attest: _____
Name

MICHIGAN STATE UNIVERSITY

By: _____
Vennie Gore
Executive Vice President for Administration

By: _____
Mike Yankowski
MSU Chief of Police

Attest: _____
Jacquelyn Kittel
Office of General Counsel



9. J

To: Board Members
From: Scott Hendrickson, Township Supervisor
Date: July 3, 2025
Re: Brownfield Redevelopment Authority Appointment

At the March 10, 2025 Planning Commission meeting, Brandon Brooks was appointed to serve as the Planning Commission representative to the Brownfield Redevelopment Authority.

The following motions have been prepared for Board consideration:

MOVE TO APPOINT BRANDON BROOKS, AS THE PLANNING COMMISSION REPRESENTATIVE, TO THE BROWNFIELD REDEVELOPMENT AUTHORITY FOR A TERM ENDING 12/31/27.

Attachment:

1. March 10, 2025 Planning Commission Minutes

CHARTER TOWNSHIP OF MERIDIAN
REGULAR MEETING PLANNING COMMISSION
5000 Okemos Road, Okemos MI 48864-1198
517.853.4000, Central Fire Station-Community Room
Monday, March 10, 2025, 6:30 pm

PRESENT: Chair Shrewsbury, Vice Chair Snyder, Commissioners Brooks, McConnell, McCurtis, and Romback.

ABSENT: None

STAFF: Planner Shorkey

1. CALL MEETING TO ORDER

Chair Shrewsbury called the March 10, 2025, regular meeting for the Meridian Township Planning Commission to order at 6:31 pm.

2. ROLL CALL

Chair Shrewsbury called the roll of the Board. All Board members except for Commissioner Romback were present. Commissioner Romback arrived at 6:34 pm.

3. PUBLIC REMARKS

None

4. APPROVAL OF AGENDA

Chair Shrewsbury asked for approval of the agenda.

Commissioner McCurtis moved to approve the March 10, 2025, Regular Planning Commission meeting agenda. Seconded by Vice Chair Snyder. Motion passed unanimously.

5. APPROVAL OF MINUTES

Chair Shrewsbury asked for approval of the minutes.

Commissioner McCurtis moved to approve Minutes of the February 24, 2025 meeting with minor amendments. Seconded by Vice chair Snyder. Motion passed unanimously.

6. COMMUNICATIONS

None

7. PUBLIC HEARINGS

A. SUP #25003 – Okemos Land Investments

Principal Planner Shorkey gave an overview of the Special Use Permit process and briefed the Commission on the application.

Commissioner McCurtis asked for more details about the timeline for completing the demolition and building of the proposed project, expressing concerns that the developer be held accountable to a reasonable timeline. Principal Planner Shorkey outlined the parts of the planning process that involve specific timelines.

Commissioner Brooks noted that the reason the Commission denied a previous permit for this development was to get an updated traffic study. Commissioner Brooks then asked about the non-conformance of the lot size. Principal Planner Shorkey stated that so long as the construction fits the existing building, no variance will be required.

Commissioner McCurtis asked about the proposed appearance of the property. Anderson Grandstaff, the attorney representing the applicant, explained that the original plan was to remodel the existing building, but the new plan proposes a new but smaller building. John Gumma, project engineer, noted that the project should be completed within six months and the building is intended to look like a house consistent with the applicant's branding.

Commissioner Romback asked why the plan was changed from remodeling the original building to building a new structure. Mr. Gumma stated that it would be faster, easier, and energy-compliant to build new than to rehabilitate the existing building.

Commissioner McConnell asked for more details regarding the traffic study. Zach Lask, project manager, interpreted the data provided and noted that the building size will limit the amount of traffic. Principal Planner Shorkey noted that if the Road Department has problems with the site plan, it will not be approved until those problems are resolved.

Commissioner Romback questioned the long-term viability of the type of business planned for the location. Mr. Grandstaff noted that market research shows the need for this type of business in this area based on data that shows residents are traveling out of the area to access this type of business.

Commissioners indicated via straw poll that they would likely support the permit.

8. UNFINISHED BUSINESS

None

9. OTHER BUSINESS

A. 2025 Brownfield Redevelopment Authority Appointment

Commissioner Brooks stated that he would like to be appointed to the Planning Commission's seat on the BRA.

Commissioner McConnell moved to appoint Commissioner Brandon Brooks to the Brownfield Redevelopment Authority. Supported by Commissioner McCurtis. Motion passed unanimously.

10. REPORTS AND ANNOUNCEMENTS

A. Township Board Update

Principal Planner Shorkey stated that there was an update to the Emergency Management Plan, Rezoning 2025-03 was discussed as was potential housing Tax Increment Funding. Action on Rezoning 2025-03 will be taken at the next meeting.

B. Liaison Reports

Commissioner McConnell noted that the Environmental Commission welcomed a new staff member and adopted a resolution for a grant application for installing solar on a fire station and submitted a proposal for small scale anaerobic digestion units.

11. PROJECT UPDATES

Principal Planner Shorkey noted that Puff Puff Tobacco is going into a vacant property on Okemos Road and is expected to open in April. Principal Planner Shorkey gave Commissioners a copy of the Notice of Intent-CHILL Grant public notice that appeared in Lansing Pulse.

12. PUBLIC REMARKS

None

13. COMMISSIONER COMMENTS

Commissioners discussed clarifying requirements for traffic studies.

Commissioners discussed attendance at upcoming meetings. Principal Planner Shorkey asked that members notify him immediately if they were going to be absent as that would mean that there would be no quorum.

14. ADJOURNMENT

Chair Shrewsbury called for a motion to adjourn the meeting at 7:22 pm

Commissioner McConnell moved to adjourn the March 10, 2025 regular meeting of the Planning Commission. Seconded by Commissioner Brooks. Motion passed unanimously.



To: Township Board
From: Neighborhoods & Economic Development Director, Amber Clark
Date: July 8, 2025
Re: Haslett Village Square Brownfield Plan Amendment Public Hearing

On June 17, 2025, the Township Board scheduled a public hearing for July 8, 2025, to consider an amendment to the Haslett Village Square Brownfield Plan for the properties located at 1621 and 1655 Haslett Road. This amendment supports the remediation and redevelopment of approximately 19.5 acres at the southwest corner of Haslett and Marsh Roads in Meridian Township. It builds upon a previously approved Brownfield Plan to further facilitate environmental cleanup and site revitalization. The Meridian Township Brownfield Redevelopment Authority (MTBRA) reviewed the proposed amendment at its June 12, 2025, meeting. While the Authority expressed general support for the proposal, a formal vote on the Plan is scheduled for July 10, 2025.

In accordance with the provisions of the Brownfield Redevelopment Financing Act, Public Act 381 of 1996, as amended, the public hearing is required to be held by the Township Board. To afford all residents, taxpayers, interested parties, and taxing units affected by the plan an opportunity to be heard, prior to final review and potential approval.

Following the scheduling of the public hearing, staff sent both email and postal notifications to all impacted taxing agencies. These include the Michigan Department of Great Lakes and Energy (EGLE), the Michigan Economic Development Corporation (MEDC), and the Michigan State Housing Development Authority (MSHDA), as the Plan proposes the use of School Education Tax to support redevelopment efforts. A public notice was also published in the local newspaper. At this time, staff has not received any comments from the notified taxing jurisdictions.

The proposed amendment is scheduled for discussion during the meeting following the public hearing. The development team and their consultants will provide a brief presentation outlining the key elements of the Plan. Board members will then have the opportunity to engage in a robust discussion related to agenda item 12A. In accordance with state law, no formal action may be taken on the Plan until at least 10 days after the public hearing.

Attachment:

[Haslett Village Square Redevelopment Brownfield Plan Amendment 1621-1655 Haslett Road.](#)



To: Township Board

From: Timothy R. Schmitt, *AICP*
Director of Community Planning and Development

Date: December 20, 2024

Re: Text Amendment #2025-04 – Off Street Parking Requirements - ADOPTION

Text Amendment #2025-04 is an ordinance update initiated by the Staff and the Planning Commission to update the off-street parking requirements in Section 86-755. The draft ordinance, recommended for approval by the Planning Commission and attached here, achieves three key goals:

1. Reduces impervious surfaces in future developments by removing the 25% overflow requirement in multiple-family developments, as well as reducing the number of required spaces for studios and one-bedroom apartments from 2 to 1.5.
2. Modernizes the land uses in the list and removes outdated or obsolete terms.
3. Simplifies some parking calculations for ease of use.

This matter was discussed by the Planning Commission at their [November 18, 2024](#), [December 9, 2024](#), [January 27, 2025](#), and [February 24, 2025](#) meetings. A Public Hearing was held on the changes at their [March 24, 2025](#) meeting and a recommendation to the Township Board was made at their [April 14, 2025](#) meeting. Packets for each of those meetings can be found at the links above. The Township Board had an initial discussion of the proposal at their [May 20, 2025](#) meeting and the main question that came up was regarding parking at Meridian Mall. At the [June 3, 2025](#) Township Board meeting, the Board reviewed the matter and directed Staff to publish the introduction of the ordinance.

Staff **recommends approval** of the proposed ordinance at this time to amend the Code of Ordinances to update the requirements for Off Street Parking in the Township. Staff has provided the following recommended motion and attached resolution to introduce the ordinance.

Move to adopt the resolution approving Text Amendment #2025-04 to amend the Code of Ordinances of the Charter Township of Meridian at Section 86-755 to update the requirements for off-street parking in the Township.

Attachments:

1. Resolution to approve Ordinance 2025-04
2. Ordinance 2025-04 – Off Street Parking Requirements

RESOLUTION TO APPROVE

**Zoning Amendment #2025-04
Parking Ordinance Update**

RESOLUTION

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 8th day of July, 2025, at 6:00 p.m., Local Time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, One of the goals of the 2023 Master Plan was a review and update to the parking standards in the ordinance; and

WHEREAS, Staff worked with the Planning Commission to updated a number of the standards for how many parking spaces are required for a specific use, modernizing the ordinance; and

WHEREAS, the Planning Commission reviewed the matter on November 18 and December 9, 2024 and January 27 and February 24, 2025 and held a public hearing on March 24, 2025, before recommending unanimous approval to the Township Board on April 14, 2025; and

WHEREAS, the proposed ordinance would serve three main purposes:

1. Reducing impervious surfaces in future developments by removing the 25% overflow requirement in multiple-family developments, as well as reducing the number of required spaces for studios and one-bedroom apartments from 2 to 1.5.
2. Modernizing the land uses in the list and removes outdated or obsolete terms.
3. Simplifying some parking calculations for ease of use; and

WHEREAS, the Township Board reviewed the matter at their May 20, 2025 meeting and raised no major concerns, directing Staff to bring forward introduction of the ordinance;

WHEREAS, the Township Board introduced the ordinance at their June 3, 2025 meeting and directed Staff to publish the ordinance, as required, prior to the next meeting;

WHEREAS, Staff has published the ordinance, as directed, allowing for final adoption;

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby ADOPTS Ordinance No. 2025-04, entitled "An Ordinance to amend Section 86.755, Schedule of Requirements for Parking Spaces, of the Charter Township of Meridian Zoning Code to update the standards therein"; and

ORDINANCE NO. 2025-04

AN ORDINANCE TO AMEND SECTION 86-755, SCHEDULE OF REQUIREMENTS FOR PARKING SPACES, OF THE CHARTER TOWNSHIP OF MERIDIAN ZONING CODE TO UPDATE THE STANDARDS THEREIN

THE CHARTER TOWNSHIP OF MERIDIAN ORDAINS:

Section 1. Section 86-755, Schedule of Requirements for Parking Spaces, is hereby amended to read as follows:

Parking space shall be provided in accordance with the design standards of this chapter and according to this schedule:

Use	Number of Motor Parking Spaces Required Per Unit of Measure
Residential	
Single-family dwelling or duplex living unit	2 for each dwelling unit
Multiple-family District	1.5 for each efficiency or one-bedroom unit and 2 for each dwelling unit with 2 or more bedrooms,
Housing for the elderly	1 for each 2 units and 1 for each employee on peak employment shifts. Should units revert to general occupancy, then 1.5 for each efficiency or one-bedroom unit and 2 for each dwelling unit with 2 or more bedrooms
Mobile home parks	2 for each mobile home or mobile home site
Institutional	
Places of worship	1 for each 5 fixed seats, 10 linear feet of pews, and one for each 30 square feet of assembly floor area without fixed seats
Hospitals	1 for each 1 bed
Homes for the aged and convalescent homes	1 for each 4 beds plus 1 for each employee on the largest working shift
Child care centers and adult care centers	1 per every teacher or caregiver
Fire and police stations	1 for each employee on duty during the highest staffed shift plus 25% for visitors
Elementary and junior high schools	1 for each 1 teacher and administrator in addition to the requirements of the auditorium
Senior high schools	1 for each employee plus 1 for each 10 students, based on the number of students that the facility is designed to handle at any one time, in addition to the requirements of the auditorium
Theaters, auditoriums, and concert halls	1 for each 4 seats at maximum capacity plus 1 for each 2 employees
Museums and art galleries	1 space for every 500 square feet of gallery area, 1 space per employee, plus 1 space for every 4 seats in a theater or auditorium

Dance halls, civic clubs, fraternal orders, clubs, union halls or any similar type use	1 space for each 100 square feet of useable floor area
Libraries	1 spaces for every 250 square feet of gross floor area (GFA) plus 1 per 2 employees
Business and Commercial	
Athletic clubs and health spas	1 per 300 square feet of useable floor space. Accessory uses shall require additional parking
Business or trade schools	1 space for each seat plus 1 space for each teacher or other employee
Commercial centers and shopping malls	
Centers less than 50,000 square feet	1 for each 200 square feet of gross floor area
Centers greater than 50,000 square feet	1 for each 400 square feet of gross area
All other retail businesses, unless specifically defined	
For businesses with a gross floor area (GFA) less than 25,000 square feet	5 spaces per 1,000 square feet (minimum) to 5 1/2 spaces per 1,000 square feet (maximum)
For businesses with a gross floor area (GFA) equal to or greater than 25,000 square feet	4 spaces per 1,000 square feet (minimum) to 4 1/2 spaces per 1,000 square feet (maximum)
Motor vehicle, recreational vehicle, boat, or mobile home sales or service establishments	1 for each 200 square feet of useable floor space of sales room, 1 for each service bay, and 1 for each employee
Dance or music studios	1 space for every 200 square feet of instructional area plus 1 for each teacher
Restaurants, taverns, bars, nightclubs, and brewpubs	One (1) space per 4 seats + one (1) space per employee + 5 stacking spaces per drive-through lane. Outdoor seating areas shall count toward total parking required unless the proprietor demonstrates that outdoor seating areas do not increase the capacity of the restaurant.
Barber shops, beauty shops	1.5 spaces for each chair, plus 1 for every 2 employees
Laundromats and coin-operated dry cleaners	1 for each 2 washing or dry cleaning machines
Mini storage establishments and Enclosed climate controlled storage facilities	10 exterior spaces for the storage facility, plus 2 for the office, plus 1 space for each employee. Rows between storage buildings shall be designed to allow for simultaneous vehicle parking and passage
Drive-in carwashes, automatic	15 stacking spaces for each washing bay, plus 1 space for each 2 employees
Drive-in carwashes, self-service	3 stacking spaces for each washing bay
Gasoline service stations	1 for each bay and 1 for each employee on the largest shift. Parking shall be provided for convenience stores and other uses operated in conjunction with a gasoline service station, based on standards set forth herein.

Bowling alleys	4 for each 1 alley, in addition to any requirement for other uses such as bar, restaurant, or billiard room
Golf courses open to the general public, except miniature or "par-three"	4 for each 1 golf hole and 1 for each employee. Additional spaces shall be provided as required for clubhouse, restaurant, pro shop, or other affiliated facilities
Golf courses, miniature or "par three"	3 for each 1 hole plus 1 for each 1 employee
Golf driving range, stand alone	1 space for every two tees
Mortuary establishments	1 for each 50 square feet of usable floor space
Motels, hotels, or other commercial lodging establishments	1 for each 1 occupancy unit plus extra spaces for dining rooms, ball rooms, or meeting rooms as required by this division.
Industrial	
Industrial or research establishments	1 for every 2 employees on the largest working shift
Warehousing or wholesale establishments	1 for every 2 employees on the largest working shift
Contractor's establishments	1 for each 1,000 square feet of gross floor area (GFA), but no less than 5
Offices	
General Office	3 spaces per 1,000 square feet of gross floor area (minimum) to 4 spaces per 1,000 feet of gross floor area (maximum)
Dental office	1 space per 300 square feet of gross floor area
Medical office	5 spaces per 1,000 square feet of gross floor area
Financial institutions (banks, credit unions, etc.)	1 space for every 150 square feet of useable floor area and 3 stacking spaces

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Section 2. Validity and Severability. The provisions of this Ordinance are severable and the invalidity of any phrase, clause or part of this Ordinance shall not affect the validity or effectiveness of the remainder of the Ordinance.

Section 3. Repealer Clause. All ordinances or parts of ordinances in conflict therewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

Section 4. Savings Clause. This Ordinance does not affect rights and duties matured, penalties that were incurred, and proceedings that were begun, before its effective date.

Section 5. Effective Date. This Ordinance shall be effective seven (7) days after its publication or upon such later date as may be required under Section 402 of the Michigan Zoning Enabling Act (MCL 125.3402) after filing of a notice of intent to file a petition for a referendum.

1 ADOPTED by the Charter Township of Meridian Board at its regular meeting this **8th** day of
2 **July**, 2025.

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Scott Hendrickson, Township Supervisor

Angela Demas, Township Clerk



To: Township Board
From: Neighborhoods & Economic Development Director, Amber Clark
Date: July 8, 2025
Re: Haslett Village Square Brownfield Plan Amendment – 1621-1655 Haslett Road

Summary:

On September 8, 2022, the Township Board, following a recommendation from the Meridian Township Brownfield Redevelopment Authority (MTBRA), approved a Brownfield Plan for the Haslett Village Square (HVS) Redevelopment. The approved Plan included the use of School Education Tax (SET) through the Michigan Economic Development Corporation (MEDC), for 11 years. By August of 2023 the developer had submitted for site plan approval with Township Staff. At that meeting the Ingham County Drain Commission halted further progress to construct the site. 18 months later, the Drain Commissioner determined a final design to address storm water management for the site. The 18 month delay pushed the project into a financially volatile condition, creating additional stress on the projects Pro forma and the developer’s capacity to construct. The proposed amendment to the Plan, includes the use of SET, in the support of housing development for incomes at or below 120% of the Area Median Income (AMI), support to redevelop the entire 19.5 acres with a commercially mixed used site, the inclusion of a new 14,000 square foot commercial building, 21 new buildings and the renovation of an existing building to become a “Community Hub”. The “Community Hub” is a public amenity to be available to anyone in the Township looking for an active commercial area to eat, shop, or relax. The Community Hub will provide a centralized common area for the public to access the commercial establishments and prepare to hike/bike the interurban trail. This feature alone provides a public purpose related to the overall project. A general comparison of the approved Plan versus the proposed amendment is provided in a table below.

Category	Original (2022-23)	Plan Amendment (2025)	#1	Notes
Rental Units	289 units	115 units		Reduced; now includes 23 “affordable housing” units
For-Sale Units	0 units	84 units		No For-Sale Units are included as “affordable housing”
Residential Space	274,000 sf	157,710 sf		42.44% decrease
Commercial/Retail Space	21,750 sf	23,230 sf		Slight increase
Open Space/Public Amenity Features	91,825 sf	Similar		Some community amenities now included as Eligible Activity Costs



Category	Original (2022-23)	Plan (2025)	#1	Notes
Environmental Costs	\$57,900	\$105,100		Slight increase
Demolition	\$945,000	\$975,000		Slight increase
Site Prep & Infrastructure	\$0	\$9,731,480		Included due to Housing eligibility
Housing Subsidy	\$0	\$2,195,873		Included due to Housing eligibility
Contingency (15%)	\$250,000	\$1,224,607		Increase due to expanded Project scope
Total Eligible Activities	\$2,437,243	\$14,542,060		497% increase
Reimbursement Term	11 years	23 years		12 additional years
BRA Admin Fees	\$13,502	\$634,288		increase due to extended length of plan
LBRF Capture	\$13,502	\$602,891		increase due to extended length of plan
State BRF Fees	\$313,459	\$1,099,142		Increase due to extended length of plan
Base Taxable Value	\$953,555	Same		No change
Projected Full TV	\$16.9 million	\$17.2 million		Slight increase in value projection.
Capital Investment	\$68.3 million	\$62.2 million		Slight decrease; less residential units

HVS Brownfield Amendment Plan Details:

The amended plan requests the inclusion of SET in the capture for reimbursement to support the redevelopment of the 19.5 acres into a mixed commercial and residential use project. In addition 20% of the multifamily housing units will support incomes at or below 120% of the AMI.

- **Total Tax Increment Revenue (TIR):** \$17,609,291
- **Total Reimbursement Requested:** ~\$14.5 million over 23 years
 - \$4.5 million from local Meridian Township taxes
 - \$10 million from millages captured by Ingham County, the Michigan Department of Great Lakes and Energy (EGLE), and the Michigan State Housing Development Authority (MSHDA)

As a note, SET dollars are reimbursed by the State to the school districts that are impacted by the capture, the districts are to be made whole by the State of Michigan.

The project site and mixed-used development components have remained the same as previously approved. The key difference is the resizing of the overall development in square feet, number of units in the development, housing eligibility, infrastructure, and duration of the capture. We have spoken to the developer and their consultant TriTerra regarding the number of proposed income qualified housing units with respect to the overall project and our policy. This includes the number of subsidized units in



relation to the total number of units in the project. Overall, we have no major concerns with the request presented.

The proposed plan meets the standards of a public purpose by:

- Remediating former contamination in the ground which could impact groundwater
- Removing asbestos from the commercial buildings
- Redeveloping a functionally obsolete 19.5 acres
- Updating public infrastructure
- Increasing the number of housing units and affordable housing units in the Township
- Increasing development and jobs
- Redevelopment designated to our high traffic, obsolete commercial area of Haslett, designated a Potential Intensity Change Area (PICA) in the 2017 Masterplan and updated 2023 Masterplan.

A request to include housing as an eligible activity for a Brownfield Plan Reimbursement must be made by the Meridian Township Brownfield Redevelopment Authority (MTBRA) to the Michigan State Housing Development Authority (MSHDA) for approval. The MTBRA will need the Township Board to adopt a resolution supporting the proposed Plan amendment, along with an adopted reimbursement Agreement detailing eligibility, record keeping, income verification, deed covenants, and procedures for reimbursement. All of these details must be submitted to MSHDA with notification of the public hearing regarding the project submitted no later than 10 days before the hearing.

Board Decision Criteria:

When considering a Brownfield Plan, Public Act 381, as amended PA 90 of 2023, requires that the highest level of a governing body, determine whether the Plan constitutes a public purpose. Public purpose is not defined in the Act, but the Natural Resources and Environmental Protection Act, which is referenced in PA 381, provides some guidance. This includes whether or not a project provides significant and measurable environmental, community, and economic benefits. Economic benefits are generally considered private investment, increases in taxable value, and job creation. If a public purpose is identified, the Board can approve the Plan or approve the Plan with modifications.

Public purpose can be determined in several ways. Some of the most common are related to the investment the development will provide the community, contamination/clean-up of an obsolete property, removal of asbestos, redevelopment of a functionally obsolete property, increased development activity, and now with our updated policy, housing developments that will support incomes at or below 120% of the Area Median Income (AMI).

There is no proposed motion for the Board to consider at this time. At a future meeting of the Township Board, a motion will be prepared.



Attachments:

1. **[Proposed Haslett Village Square Redevelopment Brownfield Plan](#)**
2. **Staff Memo to MTBRA June 12, 2025**
3. **Consultant Review provided by AKT Peerless**
4. **DRAFT June 12, 2025 MTBRA Meeting Minutes**



To: Brownfield Redevelopment Authority Members
From: Amber Clark Neighborhoods & Economic Development Director
Date: June 12, 2025
Re: Haslett Village Square BRA Amendment #1 1655-1621 Haslett Road

Summary:

The developers of Haslett Village Square have submitted an amendment to their approved BRA plan for 2022. This amendment includes an extension of 12 years to their Brownfield Plan, with a base year start of 2025. The project site is located at the southwest portion of the Haslett and Marsh Road intersection, covering 19.5 acres. The approved mixed-used unit development (MUPUD) aims to construct housing and commercial space.

Amendment Details:

The amended plan requests the inclusion of School Education Taxes in the capture for reimbursement. This request must be made by the Meridian Township Brownfield Redevelopment Authority (MTBRA) to the Michigan State Housing Development Authority (MSHDA) for approval. The total requested reimbursement is approximately \$14.5 million over 23 years.

The table provided by AKT Peerless provides a side-by-side comparison of the originally approved plan versus the proposed amendment:

Category	Original Plan (2022-23)	Amendment (2025)	#1	Notes
Rental Units	289 units	115 units		Reduced; now includes 23 "affordable housing" units
For-Sale Units	0 units	84 units		No For-Sale Units are included as "affordable housing"
Residential Space	274,000 sf	157,710 sf		42.44% decrease
Commercial/Retail Space	21,750 sf	23,230 sf		Slight increase
Open Space/Public Amenity Features	91,825 sf	Similar		Some community amenities now included as Eligible Activity Costs



Category	Original (2022-23)	Plan (2025)	#1	Notes
Environmental Costs	\$57,900	\$105,100		Slight increase
Demolition	\$945,000	\$975,000		Slight increase
Site Prep & Infrastructure	\$0	\$9,731,480		Included due to Housing eligibility
Housing Subsidy	\$0	\$2,195,873		Included due to Housing eligibility
Contingency (15%)	\$250,000	\$1,224,607		Increase due to expanded Project scope
Total Eligible Activities	\$2,437,243	\$14,542,060		497% increase
Reimbursement Term	11 years	23 years		12 additional years
BRA Admin Fees	\$13,502	\$634,288		increase due to extended length of plan
LBRF Capture	\$13,502	\$602,891		increase due to extended length of plan
State BRF Fees	\$313,459	\$1,099,142		Increase due to extended length of plan
Base Taxable Value	\$953,555	Same		No change.
Projected Full TV	\$16.9 million	\$17.2 million		Slight increase in value projection.
Capital Investment	\$68.3 million	\$62.2 million		Slight decrease; less residential units

The project site and mixed used development components have remained, much of the request for reimbursement through the Brownfield program are the same. The key difference is the resizing of the overall development in square feet, number of units in the development, housing eligibility, infrastructure, and duration of the capture. We have spoken to the developer and their consultant TriTerra regarding the number of proposed income qualified housing units with respect to the overall project and our policy. This includes the number of subsidized units in relation to the total number of units in the project. Overall, we have no major concerns with the request presented.

The proposed plan meets the standards of a public purpose by:

- Remediating former contamination in the ground which could impact groundwater
- Removing asbestos from the commercial buildings
- Redeveloping a functionally obsolete 19.5 acres
- Updating public infrastructure
- Increasing the number of housing units and affordable housing units in the Township
- Increasing development and jobs within a designated Potential Intensity Change Area (PICA)

Budgetary Impacts:

Should the BRA and the Township Board approve the plan, fees to support the administration of the plan will be \$12,000. Over the course of the plan duration, the BRA could see \$600,000 into the Revolving Loan Fund to be used at the BRA’s discretion. The overall taxable value increase is estimated to be about \$16 million.



Timeline:

The community and Township Board will notify the potential date of the public hearing as July 8, 2025. Members of the public will soon have access to the amended Plan for comments and questions starting June 17, 2025. The MTBRA will review the Plan at their June and July meetings, with the potential to recommend approval to the Township Board in July. The MTBRA will notify MSHDA no less than 10 days of the public hearing and 30 days from submittal that the project will request the use of SET for reimbursement. The project proposal for Brownfield TIF will then be reviewed by MSHDA with potential approval in fall 2025.

After review, staff would recommend approval of an amendment to the Haslett Village Square Brownfield Plan. The notes from our consultants indicate that some typology changes and edits could enhance the Plan as written. The Township or MTBRA may desire to see 40 units subsidized by the program which would alter the Plan as written. There is no formal action the MTBRA will need to take at this time.

Attachments

1. AKT Peerless Review of HVS BRA Plan Amendment
2. Haslett Village Square Brownfield Redevelopment Plan Amendment



Charter Township of Meridian
Brownfield Redevelopment Authority
Township Municipal Building, 5151 Marsh Road, Okemos, MI 48864
Thursday, June 12, 2025– Minutes -**DRAFT**

Members

**Present: Manager Tim Dempsey, Dave Ledebuhr, Jeff Theuer, Jim Houthoofd,
And John Sarver**

Members

Absent: None

Others Present: Amber Clark Neighborhoods & Economic Development Director, Dave Van Haaren of Triterra, Connor Cook of Triterra, Chad Koster of SP Holding LLC

1. **CALL MEETING TO ORDER**
Chair Theuer called the regular meeting to order at 9:00 a.m.

2. **APPROVAL OF THE AGENDA**
Director Sarver moved to approve the agenda as presented. Supported by Director Ledebuhr.
VOICE VOTE: Motion carried unanimously.

3. **APPROVAL OF THE MINUTES**
Director Sarver moved to approve the May 8, 2025 Meeting Minutes Draft. Supported by Manager Dempsey.
VOICE VOTE: Motion carried unanimously.

4. **FINANCIAL REPORT- April**
Economic Development Director Amber Clark presented the April Financial Report. She noted that no major transactions had occurred since the last BRA meeting. Key updates included: Tax Capture #3 – Elevation Apartments, has received their 2024 winter tax reimbursement. Tax Capture #4 - Joes on Jolly has received their 2024 winter tax reimbursement, tax capture #5 has outstanding Planning item for a required bike rack. Director Clark noted that Planning and Economic Development have been unable to get a hold of the property owner or representative. The Township will withhold issuance to the recipient until we are able to resolve the issue of the bike rack. Tax Capture #6 –American House Meridian has received their winter tax reimbursement, as well as, started the process to appeal their property taxes. This is an issue we will need to resolve. Tax appeal is the process by which a property appeals to the State that the taxable value they are assessed at



is incorrect. A major complication to this process is our established Brownfield Redevelopment Plan that was amended in 2022 with updated project and land values included. American House Meridian will have to prove that their agreed upon value was incorrect. There is a clause in the executed Reimbursement Agreements that forbids a Brownfield TIF recipient from submitting for a tax appeal. Until the process is finalized the Township's Treasury department will hold on to any further reimbursements. It could mean that the Township is finished with reimbursing the property should the appeal be approved. Until all of the elements are determined with the property, no other reimbursements will be issued.

Chair Theuer moved to have a motion to accept the Financial Report. Moved by Director Houthoofd and Supported by Director Ledebuhr.

VOICE VOTE: Motion carried unanimously.

5. **PUBLIC REMARKS**- None

6. **NEW BUSINESS**

a. Haslett Village Square Brownfield Plan Amendment- Request for the use of SET for Housing Construction.

Director Clark provided an introduction to request for the Haslett Village Square Brownfield Plan Amendment. The recent Brownfield Policy updates approved by the Brownfield Authority and the Township Board were in support of what staff believed would be a request from the Haslett Village Square development team. The Developers submitted a letter to the Township in early second quarter, detailing that the site is unable to meet the required financing without the support of a stronger and longer Brownfield Tax Increment Financing (TIF) Plan that would support the infrastructure and construction of housing units.

The Haslett Village Square Redevelopment has an approved Brownfield Plan in support of the mixed used commercial/residential plan for 1655 -1621 Haslett Road. That plan is \$2.4 Million dollars in available capture for 11 years. This is layered with a 10 year PA 210 Commercial property tax abatement on the value of the buildings on the property that will convert to multifamily residential. The project reached "site plan approval", which is the last step in the review process at the Township before approving a site for construction. At that meeting in August of 2023 the Ingham County Drain office halted further development of the site due to a storm water maintenance issue, that was found after all of the plans had been approved. This was two years after the Drain office received notification of the Township's intent to revitalize the area, and we requested comments to address any issues. The remedy for the storm water issue was not determined for another 18 months which has had significant impact on the financial capabilities of the developer and the project in general. Township staff urged the Drain office to come up with an alternative that would allow the project to proceed, and those alternatives were not guaranteed until April of 2025. That includes a provision to allow rain water to flow from the site and



settle on the land preserve to the west of the site that is owned by the Township. The Land Preservation Board was not the most pleased with the idea of additional untreated water flowing into the preservation area, however they understand the importance of this project to the entire community and see the benefit outweighs the cost of a flowage easement. This applies to the critical determination of “but/for” incentive, when deciding if this Plan serves as a Public Purpose. The project site will sit in its current condition if the proposed MUPUD is not developed. The site would be under construction now, if the Drain office had worked with the developer in the early stages of the project’s concept planning. The additional infrastructure required for the storm water management provides an update to public infrastructure and the surrounding environment that will not occur without the development. With the storm water management approved, the project financing needed to be realigned to bring the development to fruition. The approved changes to the Township’s new Brownfield Policy to allow the Meridian Township Brownfield Authority (MTBRA) the ability to request the support of the State of Michigan through the Michigan State Housing Development Authority or MSHDA, will propel the project to a stage ready for construction. The developer along with their consultants are present and prepared to walk the BRA through the proposed changes for the project.

Dave Van Haaren of TriTerra and Chad Koster of SP Holding were called to the stand to begin the presentation of the proposed Brownfield Plan Amendment. Mr. Koster wanted to provide a general thank you for taking into consideration this amendment. Mr. Koster thanked staff for their time and insight to make the project feasible. The site will have not only apartments but townhomes for sale, to create a more completed and layered neighborhood. Mr. Koster noted how excited they are to bring the finished product to the Township and asking for the MTBRA’s support to get the Plan before MSHDA to meet the projects goals. Mr. Van Haaren introduced himself and his team member Connor Cook, as the environmental and BRA consultant for the development. Mr. Van Haaren opened the presentation for the Plan. The presentation included images of the site plan, phased construction, details related to the number of units and housing types. SP Holding LLC is a Michigan real estate development team that bought the property in 2022 and ready to start today. The financing is the last element to keep the project from construction. Total investment is \$62 Million dollars with many amenities and public infrastructure. The dog park amenity will also be granted to the Township in either a land transfer or easement. The site had a previous history of development, with a dry cleaner that was in operation for a limited time. Part of the Brownfield Plan will remediate the area to the point that no long term mitigation system will have to be used for the life of the new project. Asbestos removal was also included in the BRA Plan clean up, that has been completed to date. The total requested is \$14.5 million for 23 years. The amended PA 381, has allowed for the inclusion of housing, as long as the rental rates will support incomes at or below 120% of the area median income. The Community Hub, which is a public space amenity that will provide a rest, relax, and engagement area for members of the community. It surrounds the commercial existing 9,565 sq. ft. building that will be home to three small business retailers, two of which the developers have LOI’s for



suites in the development. The new proposed 14,000 square foot building will enhance the corner of Marsh road with an additional business, hopefully a restaurant.

AKT Peerless the Township's consultant provided an overview which is included in the pack for MTBRA members to review. AKT Peerless has no major issues with the requested ask of the development. The general support of Meridian Township taxes only supports about \$3.8 Million of the reimbursable eligible activities with an additional \$1 million associated with the value of the tax abatement applied to the property. A total of about \$4.8 Million is the amount the Township will spend to have a completed project site in Meridian for 20 years.

Director Ledebuhr asked if the Drain office has given any indication that they are on board with the proposed storm water management changes, and if they will approve that plan to keep the project moving forward.

Chad Koster of SP Holding LLC responded that the Drain Office submitted a package of easements, drain maintenance, and access agreements to the development team to review and sign. That signifies that the storm water proposed plan can be adopted for the project once the developer has signed. This package includes the Township's approval for the flowage easement onto our property, the retention regional basin agreements for the retention basin on the site, and the relocation of the drain. Mr. Koster noted that once their attorneys have reviewed the agreements they can sign them and send them back to the Drain office. The Drain office did submit a letter in April to the developer and Township noting that once these agreements are signed by the developer they would be conditionally approved to being construction.

Director Ledebuhr followed up with a question regarding the State's approval process, particularly if access to the TIF is a competitive approval process.

Mr. Van Haaren reiterated that this is a part of the State's Tax Increment Financing process, that there is no competitive approval process associated with access to the TIF. Parameters need to be met with the project such as, showing how the development will manage the income verification/requirements, how the project supports a public need, the duration of the capture and total capture does not exceed the value of the overall project etc. Once submitted the State will begin review of the Plan and determine if we meet the necessary criteria. Once MSHDA determines the criteria is met, then they will process the TIF request within reason. The approval is specific to the site and possible taxes generated. This is an ongoing approval process for any project statewide.

Director Ledebuhr asked if the owner occupied units are a requirement in order for MSHDA to support the project through the TIF.

Mr. Van Haaren stated no, that the owner occupied is a not a requirement of MSHDA. The requirement for MSHDA is to prove that the income verification will occur with



the affordable for rent units. The 115 rental units will have the 20% (Township Policy Requirement) as the affordable subsidized units in the Plan. The for-sale components will have some of their infrastructure supported by the TIF Plan, but those units won't be subsidized by the Plan. This will allow the Plan to stay near a 20 year duration and keep the project concise.

Director Ledebuhr noted that he appreciates the mix of for-sale, townhomes, of multiple size to be included in the development. Creates a mix of incomes, housing types and families in the 19 acres.

Mr. Van Haaren noted it will be a mix of market rate, affordable units, and creates a missing middle haven of all income types.

Directors requested a simple walk through of the site plan of all of the unit types including the commercial components.

Chad Koster began with the properties that run along Haslett Road to the intersection of Marsh Road. Those buildings are set to be commercial, with the existing 9500 approx. Sq. ft. building to serve as the "community hub". Public/private amenity space for the development. The private spaces will be the three business establishment suites that will be open for commercial use once the development is constructed. The developers currently have two letters of interest from commercial retail parties to take over those spaces. 14,000 square feet is proposed for a new commercial building at the corner of Haslett and Marsh. On the west portion of the development site, the one and two bedroom multifamily units will be constructed. Finally the Townhomes with garages are along the backside of the project site, adjoining the Dog Park and bathrooms near the interurban trail. These units vary from 2 to 3 bedroom units. Some townhomes are built like a brownstone with the garage as the basement and the other levels constructed above. There are ground level garden style ranch townhomes with garages on the site as well.

Chair Theuer asked about the School Education Taxes in the financial component and why it is necessary for this project. Mr. Van Haaren replied that the ability to use SET provides an available taxable increases and capture of the 23 school mills to support the project. Chair Theuer asked if the original approved BRA Plan for this site included the use of SET. Mr. Van Haaren replied, yes, it was the Michigan Strategic Fund (MSF) Board to combine the SET capture with local capture to make the original plan possible. The State will make the millages whole for the schools that are impacted.

Director Clark added that a large portion of the changes requested in this Plan supports the Ingham County Drain requirements for the storm water management. This by itself is the "but-for" related to a public need and purpose. The Township has also submitted a conditional approval to the developer to begin construction of Phase I of the development based on the submitted Plans. The Ingham County Road department has submitted comments related to the project as well. They've requested that one of the drives should be eliminated to maintain traffic efficiency.



Chair Theuer spoke regarding the community's desire to see this project completed.

Manager Dempsey spoke regarding his interview with the township initially, that he suggested that additional incentives may need more support in order to see the project completed. In addition, staff, Township Board and the community wants to see a completed project. It is a bigger number but it is in line with what other developments statewide are requesting.

Director Clark hopes to bring a final Plan and Reimbursement Agreement to the BRA in July.

No vote is required for the BRA at this time. A motion will be presented to the BRA at their next meeting.

- b. Reimbursement to Meridian Township General Fund- Legal Fees Fahey Schultz
Chair Theuer opened the item with a general statement that the attorney fees for Fahey Schultz Burzych and Rhodes are paid for by the Township's General Fund. It is the BRA's policy to review the fees and reimburse the Township's General Fund. Chair Theuer asked the BRA members if there were questions or comments on the items.

None were provided.

Motion made by Director Ledebuhr to approve the following payment to be issued from the MTBRA Administrative dollars and reimburse the General Fund for legal fees, in the amount of \$3,309.00. Supported by Director Houthoofd.

ROLL CALL VOTE: Director Ledebuhr- Yes, Manager Dempsey- Yes, Director Theuer- Yes, Director Sarver- Yes, Director Houthoofd- Yes.

Motion carried unanimously.

7. **OLD BUSINESS - NONE**

8. **PROJECT UPDATES**

Director Clark provided a general project overview during the financial discussion portion of the meeting. Director Clark had no other comments regarding projects at this time.

9. **PUBLIC REMARKS - None**

10. **ADJOURNMENT - 9:43 a.m.**

Respectfully Submitted,

Amber Clark
Economic Development Director

Memorandum

TO: Meridian Township Brownfield Redevelopment Authority (MTBRA)

FROM: Jenn Gelletly, Economic Development Services, AKT Peerless

DATE: June 6, 2025

SUBJECT: Act 381 Work Plan Amendment #1 – Haslett Village
1621 and 1655 Haslett Road, Haslett, Michigan

PROJECT DESCRIPTION

Original Brownfield Plan and Act 381 Work Plan

The project described within the original brownfield plan (approved September of 2022) and the Act 381 Work Plan (approved April of 2023) includes the redevelopment of the Haslett Village Square shopping center located at 1621 and 1655 Haslett Road, Haslett, Michigan (the “Property”). The Haslett Village redevelopment (the “Project”) includes the new construction of 289 multi-family residential units totaling 274,800 square feet, new construction of 14,000 square feet of commercial/retail space and 7,750 square feet of redeveloped commercial space for restaurant and community use. Additionally, the redevelopment includes approximately 91,825 square feet of new public space including a public plaza, trailhead, dog park green space and public sidewalks.

Brownfield Plan Amendment #1

Amendment #1 to the Brownfield Plan (“Amendment #1”) revises the original project by reducing the total number of multi-family residential units to 115, encompassing approximately 108,400 square feet, and introducing for-sale housing units. The amendment also expands the scope of eligible activities to include site preparation work and both public and private infrastructure improvements. A housing subsidy is requested to support the affordable housing component. The plans for new construction and renovation of commercial and community space remain generally consistent with the original Brownfield Plan, as do the proposed public and community amenities.

See table below comparing the original Brownfield Plan/Act 381 Work Plan and the Amendment #1:

Category	Original Plan (2022-23)	Amendment #1 (2025)	Notes
Rental Units	289 units	115 units	Reduced; now includes 23 “affordable housing” units
For-Sale Units	0 units	84 units	No For-Sale Units are included as “affordable housing”
Residential Space	274,000 sf	157,710 sf	42.44% decrease
Commercial/Retail Space	21,750 sf	23,230 sf	Slight increase
Open Space/Public Amenity Features	91,825 sf	Similar	Some community amenities now included as Eligible Activity Costs

Category	Original Plan (2022-23)	Amendment #1 (2025)	Notes
Environmental Costs	\$57,900	\$105,100	Slight increase
Demolition	\$945,000	\$975,000	Slight increase
Site Prep & Infrastructure	\$0	\$9,731,480	Included due to Housing eligibility
Housing Subsidy	\$0	\$2,195,873	Included due to Housing eligibility
Contingency (15%)	\$250,000	\$1,224,607	Increase due to expanded Project scope
Total Eligible Activities	\$2,437,243	\$14,542,060	497% increase
Reimbursement Term	11 years	23 years	12 additional years
BRA Admin Fees	\$13,502	\$634,288	increase due to extended length of plan
LBRF Capture	\$13,502	\$602,891	increase due to extended length of plan
State BRF Fees	\$313,459	\$1,099,142	Increase due to extended length of plan
Base Taxable Value	\$953,555	Same	No change.
Projected Full TV	\$16.9 million	\$17.2 million	Slight increase in value projection.
Capital Investment	\$68.3 million	\$62.2 million	Slight decrease; less residential units

ELIGIBLE PROPERTY QUALIFICATION

Original Brownfield and Act 381 Work Plan

The Property qualifies as an “Eligible Property,” as defined by Brownfield Redevelopment Financing Act, Michigan Public Act 381 of 1996, as amended, (Act 381), Section 2 because: (a) it was previously utilized for a commercial purpose; and (b) the parcel comprising the property has been classified to be a “facility” in accordance with Part 201 of Act 451 of 1994, as amended, and (c) it is adjacent and contiguous to the “facility” parcel.

The property is not located within a Qualified Local Governmental Unit (QLGU) or “Core-Community”.

Brownfield Plan Amendment #1

The Eligible Property retains the same qualifications outlined in the original Brownfield Plan, with the added designation of “Housing Property” as defined under Public Act 90 of 2023 (PA 90) and Act 381, as amended. Section 2(y) of PA 90 of 2023 defines “Housing Property” as follows:

- (i) A property on which 1 or more units of residential housing are proposed to be constructed, rehabilitated, or otherwise designed to be used as a dwelling.
- (ii) One or more units of residential housing proposed to be constructed or rehabilitated and located in a mixed-use project.

ELIGIBLE ACTIVIES REVIEW

Amendment #1 adds Site Preparation, Infrastructure Improvements, and a Housing Subsidy as eligible activities. These are consistent with the expanded definitions of ‘Eligible Activities’ and ‘Housing Property’

under PA 90 of 2023, Sections 2(o) and 2(y), which permit such costs when supporting housing development in communities with identified housing needs:

(i) For all eligible properties:

- Department-specific activities
- Relocation of public buildings/operations for economic development
- Reasonable costs for environmental insurance
- Costs for developing brownfield and work plans, including legal/consulting fees not typical in real estate acquisition
- Costs for plan implementation, compliance tracking, and cost estimation by any involved party
- Demolition of structures or site improvements not considered response activities, including removal of manufactured debris (excluding interest reimbursement)
- Lead, asbestos, or mold abatement
- Repayment of principal and interest on obligations issued to fund eligible activities (except as limited above)

(ii) For housing properties in communities with demonstrated housing need and supporting data:

- All activities listed in (i)
- Housing development activities
- Infrastructure improvements needed for housing development
- Site preparation supporting housing development (excluding response activities)

Site Preparation activities and the Infrastructure Improvements included in Amendment #1 look to be applied to the entire project site. A Potential Rent Loss calculation (Table 1.b of Amendment #1) has been provided to demonstrate the financing gap for the affordable housing component, totaling the eligible amount for a Housing Subsidy.

BROWNFIELD TIR ESTIMATES

Amendment #1 estimates that the first increase in taxable value will occur in Year 1 or 2026, with full assessment of the property's taxable value anticipated by 2030. An annual inflation rate of 1% is assumed thereafter. A PA 210 Commercial Rehabilitation Act tax abatement has been granted to the site and impacts local tax increment revenue (TIR) until the abatement expires by 2034.

Amendment #1 also models the capture of both School (State Education Tax) and Local TIR for Work Plan Exempt eligible activities—those that have been preapproved and do not require Act 381 Work Plan approval from state agencies— Site Preparation, Infrastructure Improvements, Housing Subsidy, Monitoring and Reporting (housing subsidy), Brownfield Plan and Act 381 Work Plan activities. Local only TIR remains utilized for environmental, Due Care activities.

The Plan's initial or base taxable value remains set to the original Brownfield Plan's base value at \$953,555, which is permitted under Act 381.

The Plan models the MTBRA's administrative fees at an annual rate of 5% of the local tax increment revenue (TIR), with total fees estimated at \$634,622 over the life of the Plan. Annual deposit to the BRA's Local Brownfield Revolving Fund calculates an annual rate of 5% on remaining local TIR (after BRA Admin fee), totaling \$602,891 over the life of the plan.

Additionally, 50% of the annual SET tax increment revenue will be used to pay the State Brownfield Revolving Fund (SBRF) fee, as is required by Act 381, and is estimated to total \$1,099,142.

ENVIRONMENTAL CONDITIONS

Historical environmental investigations confirmed the presence of tetrachloroethylene (PERC) in soils exceeding regulatory criteria, associated with a former dry cleaner, which qualifies the site as a "facility." A vapor intrusion risk has been identified and will be mitigated. Hazardous materials surveys identified asbestos-containing materials requiring abatement prior to demolition.

The proposed environmental activities—including due care investigation, documentation of due care compliance, and asbestos abatement activities—are consistent with state regulations and best practices.

RECOMMENDATIONS

Upon review, AKT Peerless recommends the following:

1. A thorough review of the text of the plan may help identify and refine any issues related to typographical errors, repetitive language, inconsistencies, or accidental omissions:
 - **Section 3.0** should reference whether the eligible property is located within a Qualified Local Governmental Unit, per Act 381 guidelines.
 - **Section 4.0, page 6** references the Township's 2017 Master Plan. This should be updated to reference the Township's 2023 Master Plan.
2. Amendment #1 currently includes Contingency on all eligible activities excluding Pre-Approved activities, Brownfield Plan and Act 381 Work Plan activities. However, some demolition (and presumably asbestos abatement) has been completed on the property. Therefore, it is recommended that an accurate cost accounting of completed eligible activities performed under the original Brownfield Plan and Act 381 work plan be detailed within Amendment #1 and removed from the contingency calculation (if included).
3. Per Section 6 of the 2025 Meridian Township Brownfield Program Policies and Procedures (Township Policies and Procedures), the Brownfield Plan application fee is based upon the estimated capital investment of the Project. It is recommended that the application fee be changed to \$12,000.
4. Section 4.B(6) of the Township Policies and Procedures, qualification for brownfield incentives includes (but is not limited to) providing a pro forma financial statement. It is recommended that the MTBRA receive an updated pro forma for this project with current costs if it has not done so.
5. Section 4.H(2) of the Township Policies and Procedures, approved Plans that include reimbursement of eligible housing activities, the MTBRA's percentage of local TIR increases to 10%. It is recommended Amendment #1 be updated accordingly.
6. Section 5 of the Reimbursement Agreement associated with the original Brownfield Plan states, "No activities that would otherwise be Eligible Activities, if completed after September 20, 2025, shall be considered Eligible Activities for the purposes of reimbursement under this Agreement."

It is recommended that the Reimbursement Agreement be amended, upon approval of Brownfield Plan Amendment #1, to extend this deadline in alignment with the current construction schedule and in accordance with the BRA's policies and procedures.

7. The plan does not identify which Site Preparation and Infrastructure Improvements are directly related to the affordable housing component. It is recommended that the BRA determine if it will support the Site Preparation and Infrastructure Improvement activities for the entire redevelopment project or only a portion related to the affordable housing ratio.
8. Under Michigan Public Act 90 of 2023, "housing development activities" eligible for tax increment financing (TIF) reimbursement are defined and include:
 - Reimbursement for qualified rehabilitation of rental housing.
 - Costs for public infrastructure and necessary safety improvements.
 - Demolition and renovation costs necessary to accommodate income-qualified purchasers or renters.
 - Temporary relocation costs for income-qualified households (up to one year).
 - Acquisition costs for blighted or obsolete rental units to promote rehabilitation or adaptive reuse.
 - Reimbursement to developers to fill financing gaps associated with developing housing units priced for income-qualified households, including costs related to infrastructure improvements and site preparation that are necessary for new housing development

Some of the activities detailed under the *Private* Infrastructure Improvements are for amenities which have not been traditionally considered eligible Infrastructure Improvements under MEDC guidelines:

- EV Car Charging Stations
- Pool & Sundeck
- Pickleball Courts
- Pickleball Pavilion
- Residents park

It is recommended that the private Infrastructure Improvements section of the plan be reviewed for compliance with PA 90 and the MTBRA's 2025 Policies and Procedures, including whether the proposed amenities align with established housing goals. Additionally, consultation with MSHDA is advised to determine if these amenities meet eligibility criteria. The development team should also justify the necessity of these amenities in supporting housing development.

CONCLUSION

Amendment #1 to the Haslett Village Brownfield Plan is fairly consistent with the requirements of PA 381 and PA 90, as well as the MTBRA's 2025 Policies and Procedures. The amendment introduces significant changes in project scope and eligible activities, particularly to support housing development. While the plan is sound in concept and financial modeling, final approval should be contingent on clarifications regarding completed activities, a distinction being made between private luxury amenities and amenities for general public use, and appropriate updates to the Reimbursement Agreement and supporting

documentation. Implementation of the project will result in significant community benefits, including new housing, public amenities, and environmental remediation.