

# Application for Permit to Develop in a Floodplain Area



The undersigned hereby makes application for a permit to develop in a designated floodplain area. The work to be performed is described below and in attachments hereto. The undersigned agrees that all such work shall be done in accordance with the requirements of the City of Saginaw Floodplain Ordinance and with all other applicable local, State and Federal regulations. This application does not create liability on the part of the City of Saginaw or any officer or employees thereof for any flood damage that results from the reliance on this application or any administrative decision made lawfully thereunder.

Owner: RACER Trust (c/o Dave Favero) Consultant: GHD Services, Inc. c/o John-Eric Pardys  
Address: 1505 Woodward Avenue, Suite 200, Detroit MI Address: 455 Philip Street, Waterloo, ON, CA  
Telephone: 1-217-741-6235 Telephone: 519-340-4316  
email: dfavero@racertrust.org Email : john-eric.pardys@ghd.com  
Location: 2100 Veterans Memorial Parkway  
Saginaw, MI

## A. Description of Work (Complete for All Work): see Attachment 1

1. Proposed Development Description:

New Building  Improvement to Existing Building   
Manufactured Home  Filling   
Other Remediation (removal and off-Site disposal of impacted soil)

2. Size and location of proposed development (attach site plan):

Approximately 1,200 square feet (See Attachment 2)

3. Is the proposed development in a Special Flood Hazard Area (Zones A, AE, A1-A3, AH or AO)?

Yes  No

4. Per the floodplain map, what is the zone and panel number of the area of the proposed development?

Zone AE Panel Number Panel 85 of 360 (26145C0085D - See Attachment 3)

5. Are other Federal, State or local permits obtained?

Yes x Type: EGLE Water Resources Division Permit WRP019885. See Attachment 4.

No          Reason: Work is in a 100-year floodplain

6. Is the proposed development in an identified floodway?

Yes  No

7. If yes to #6, is a "No Rise Certification" with supporting data attached?

Yes  No

**B. Complete for New Structures and Building Sites:**

1. Base Flood Elevation at the site: \_\_\_\_\_ feet NGVD
2. Required lowest floor elevation(including basement): \_\_\_\_\_ feet NGVD
3. Elevation to which all attendant utilities, including all heating and electrical equipment will be protected from flood damage: \_\_\_\_\_ feet NGVD

**C. Complete for Alterations, Additions, or Improvements to Existing Structures:**

1. What is the estimate market value of the existing structure? \$ \_\_\_\_\_
2. What is the cost of the proposed construction? \$ \_\_\_\_\_
3. If the cost of the proposed construction equals or exceeds 50 percent of the market value of the structure, then the substantial improvement provisions shall apply.

**D. Complete for Non-residential Flood proofed Construction:**

1. Type of flood proofing method: \_\_\_\_\_
2. The required flood proofing elevation is: \_\_\_\_\_ feet NGDV
3. Flood proofing certification by a registered engineer is attached: Yes  No

**E. Complete for Subdivisions and Planned Unit Developments:**

1. Will the subdivision or other development contain 50 lots or 5 acres? Yes  No
2. If yes, does the plat or proposal clearly identify base flood elevations? Yes  No
3. Are the 100 Year Floodplain and Floodway delineated on the site plan? Yes  No

**NOTE:** Upon Completion of the project, elevation certificate(s) must be provided by the applicant in order to receive an occupancy permit.

**ADMINISTRATIVE**

1. Permit approved \_\_\_\_\_ Permit denied \_\_\_\_\_
2. Elevation Certification attached: Yes  No
3. As-Built lowest floor elevation \_\_\_\_\_ feet NGVD

Applicant's Signature: David Favew Date 6/25/2020

Approved City Engineer: \_\_\_\_\_ Date: \_\_\_\_\_

Approved Chief Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Questions please call (989) 759-1410, 7:30am to 4pm

Return for review and processing:

City of Saginaw – Engineering Department, 1315 S Washington Ave., Saginaw, MI 48601

ATTACHMENT 1 – SCOPE OF WORK

## ATTACHMENT 1

### SCOPE OF WORK CITY OF SAGINAW - APPLICATION FOR PERMIT TO DEVELOP IN A FLOODPLAIN AREA RACER NODULAR INDUSTRIAL LAND SAGINAW, MI

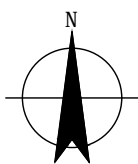
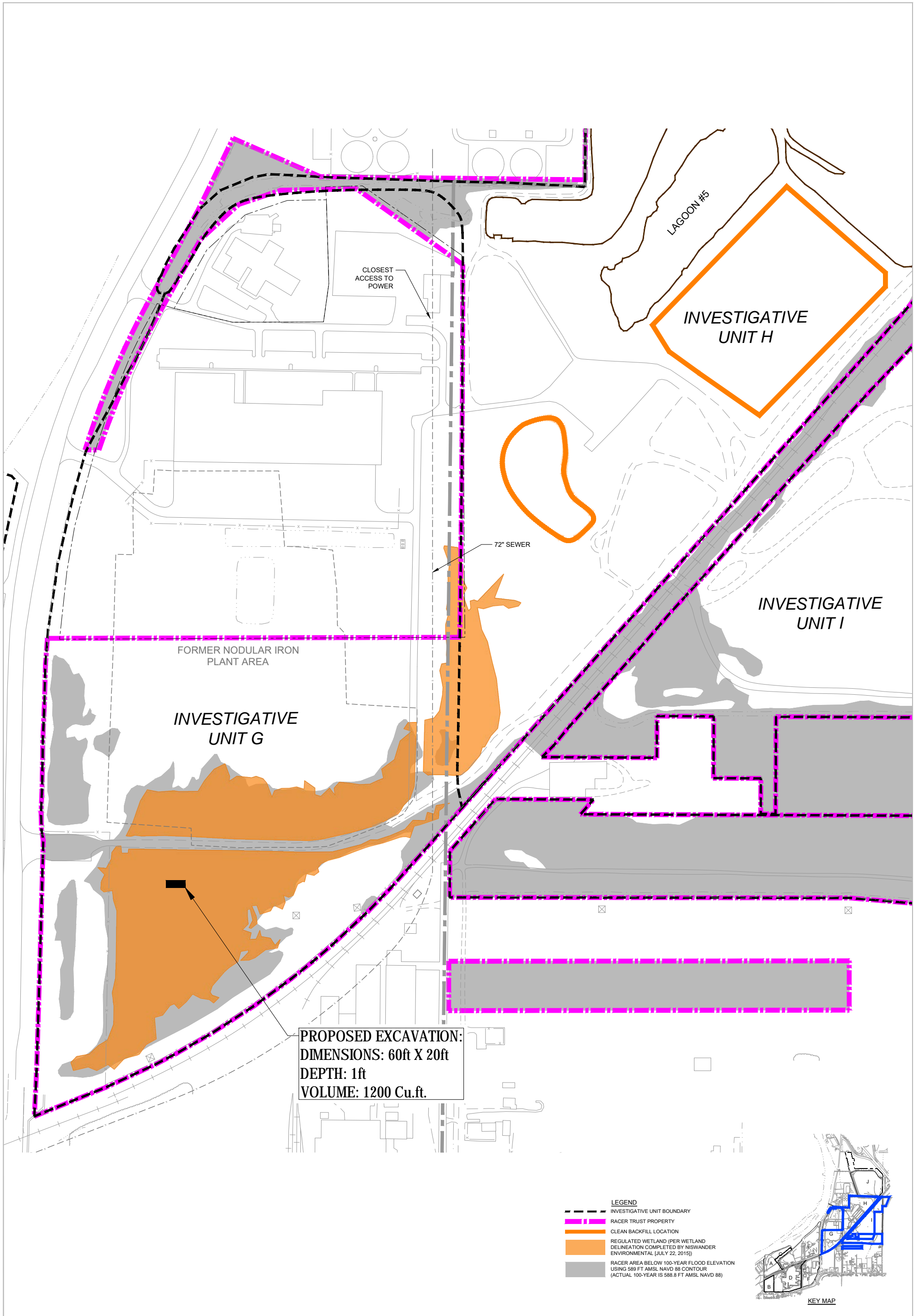
#### **Scope of Work**

The proposed scope of work is to be completed on a portion of RACER's Saginaw Nodular Industrial Land (Site) (see Figure in Attachment 2). The proposed scope of work associated with this permit request involves the removal of approximately 44 cubic yards of PCB-impacted soil from a wetland area of approximately 1,200 square feet. The proposed work was approved by U.S. EPA via email on September 19, 2019, and a Michigan Department EGLE Water Resources Division Permit (WRP019885) was obtained (see Attachment 4).

The construction sequence for the proposed removal and off-Site disposal of PCB-impacted soil will include:

- Track down vegetation with tracked equipment or clear with brush hog
- Surveyors to stake out the area of the proposed removal and install silt fencing
- Place crane mats from edge of gravel road to excavation area, as necessary
- Use tracked excavator to excavate impacted soil and condition with Portland cement to remove excess moisture in order to pass the paint filter test (required by the disposal facility)
- Load conditioned soil into haul truck and transport to an approved non-hazardous landfill
- Backfill excavation with clean on-Site material
- Re-vegetate area with wetland seed mix
- All equipment that comes in contact with PCB-impacted soil will be decontaminated prior to demobilization

ATTACHMENT 2 – SITE PLAN



RACER TRUST  
SAGINAW, MICHIGAN

Project No. 11208041  
Date May 2020

SITE PLAN

FIGURE 2

ATTACHMENT 3 – FLOODPLAIN DOCUMENTS

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program; it does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for possible updated flood hazard information prior to use of this map for property purchase or construction purposes.

Coastal base flood elevations apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD), and include the effects of wave action: these elevations may differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of special flood hazard (100-year flood) include Zones A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

Corporate limits shown on this map are based on the best data available. The user should contact appropriate community officials to verify the corporate limits delineations shown on this map.

For community map revision history prior to countywide mapping, see section 6.0 of the Flood Insurance Study Report.

For adjoining map panels see separately printed Map Index.

**DIGITAL DATA AVAILABILITY:** Digital files containing the thematic floodplain information shown on these maps are published by the Federal Emergency Management Agency in D/G-3 Colorized format on CD-ROM. Requests for data should include the full name of the community or county and the Flood Insurance Rate Map panel numbers covered by the request. Contact the Federal Emergency Management Agency, Map Service Center, 6730 Santa Barbara Court, Baltimore, Maryland 21227-5832. Telephone 1-800-358-9616.

**NOTE:** The coordinate system used for the production of this Flood Insurance Rate Map (FIRM) is Universal Transverse Mercator (UTM), North American Datum of 1983 (NAD83). Clarke 1866 spheroid. Corner coordinates shown on the FIRM are in latitude and longitude referenced to the Universal Transverse Mercator projection, NAD83. Differences in the datum and spheroid used in the production of FIRMs for adjacent counties may result in slight positional differences in map features at the county boundaries. These differences do not affect the accuracy of the information shown on the FIRM.

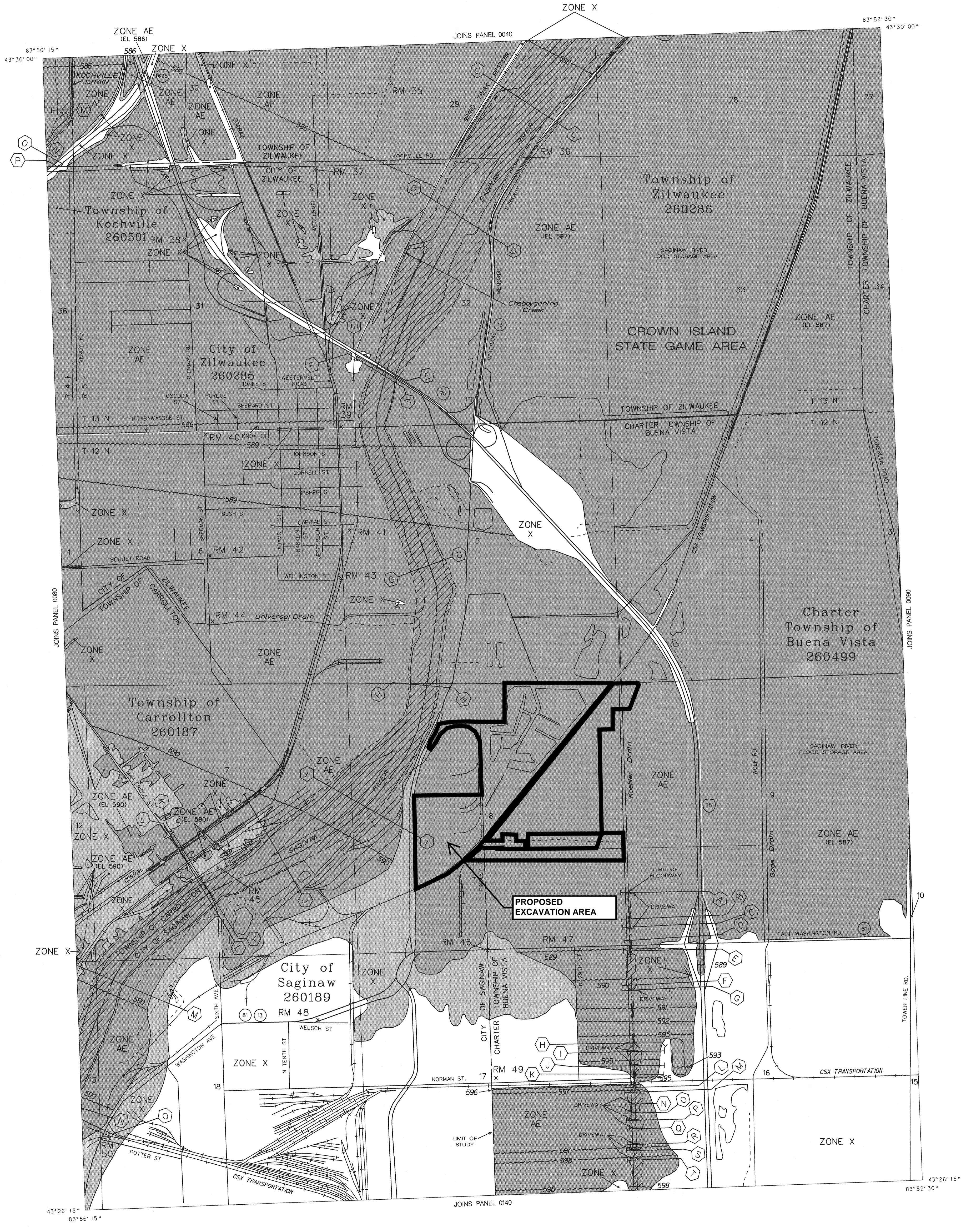
**ATTENTION:** Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, contact the National Geodetic Survey at the following address:  
Vertical Network Branch, 11/0013  
National Geodetic Survey, NOAA  
Silver Spring Metro Center 3  
1315 East-West Highway  
Silver Spring, Maryland 20910  
(301) 713-3191

**BASE MAP SOURCE:** Planimetric base map files were provided in digital format by the Detroit District of the U.S. Army Corps of Engineers (USACE). These files were compiled from aerial photographs dated 1982 to 1987 provided by the USACE and digital U.S. Geological Survey 7.5-Minute Series Topographic Maps at a scale of 1:24,000 provided by the Michigan Department of Natural Resources. Additional information may have been derived from other sources. Users of this FIRM should be aware that minor adjustments may have been made to specific base map features.

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD) <sup>1</sup>	DESCRIPTION OF LOCATION
RM 35	585.02	A railroad spike in the west side of a power pole, approximately 900 feet east from Westervelt Road along Kochville Road and approximately 1,600 feet north-east from Kochville Road along a farm lane, approximately 15 feet southeast of the farm lane Johnson & Anderson.
RM 36	587.83	A bronze disk, stamped Sand, 36 feet west of the west edge of the Veteran's Memorial Parkway government, approximately 1.25 miles north of southbound Interstate 75 Johnson & Anderson.
RM 37	586.78	A chiseled cross on the top west bolt on the hydrant flange, 27 feet west and approximately 75 feet south of the intersection of Westervelt and Kochville Roads Johnson & Anderson.
RM 38	584.00	A railroad spike in the southeast side of a power pole, 33 feet west of the centerline of Sherman Road, approximately 1,500 feet south of the intersection of Sherman and Kochville Roads Johnson & Anderson.
RM 39	589.69	A cross cut in the concrete on top of the southwest footing of the transmission tower, 0.9 foot from the south face and 1.0 foot from the west face, at the foot of Tittabawassee Street Johnson & Anderson.
RM 40	586.77	A railroad spike in the west side of a power pole at the southeast corner of the intersection of Sherman Road and Tittabawassee Street Johnson & Anderson.
RM 41	589.47	A railroad spike in the east side of a power pole, approximately 18 feet east of the centerline of Westervelt Road, approximately 100 feet south of the intersection of Westervelt Road and Capital Street Johnson & Anderson.
RM 42	588.03	A chiseled cross on the top of the east bolt on the hydrant flange on the northeast corner of the intersection of Sherman Road and Schust Road Johnson & Anderson.
RM 43	587.76	A railroad spike in the east side of a power pole, approximately 18 feet east of the centerline of Westervelt Road, approximately 100 feet north of the intersection of Wellington Street and Westervelt Road Johnson & Anderson.
RM 44	587.70	Top of arrow over "W" in "CW" on fire hydrant located on east side of Sherman Road, approximately 100 feet north of Universal Drain.
RM 45	592.79	Bronze disk set vertically in the south-east face of south side in a group of six at the Huron Portland Cement Company located approximately 225 feet northeast along the Grand Trunk Western from intersection of Grand Trunk Western and Sixth Avenue.
RM 46	592.44	Arrow over "W" in "CW" on fire hydrant located in southwest corner of intersection of East Washington Road and Findley Street.
RM 47	588.61	Top of east-northeast bolt on fire hydrant located in southeast corner of intersection of North 29th Street and East Washington Road.
RM 48	595.53	A bronze U.S. Lake Survey disk designated "SR 13" set vertically on east face of Chevrolet office building located northeast of intersection of Welch Street and North 10th Street, approximately 2.4 feet from southeast corner of building.
RM 49	596.65	Arrow over "M" in "Michigan" on fire hydrant located in northeast corner of intersection of Findley Street and Norman Street.
RM 50	597.04	A U.S. Geological Survey disk designated "039" set vertically in north face of CSX Transportation depot located north-east of the intersection of Potter Street and Washington Avenue, approximately 6.0 feet east of northeast corner.

<sup>1</sup>National Geodetic Vertical Datum of 1929



LEGEND

- SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD
  - ZONE A No base flood elevations determined.
  - ZONE AE Base flood elevations determined.
  - ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
  - ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow fan flooding, velocities also determined.
  - ZONE A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
  - ZONE V Coastal flood with velocity hazard (wave action); no base flood elevations determined.
  - ZONE VE Coastal flood with velocity hazard (wave action); base flood elevations determined.
- FLOODWAY AREAS IN ZONE AE
- OTHER FLOOD AREAS**
  - ZONE X Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 100-year flood.
  - ZONE D Areas in which flood hazards are undetermined.
- OTHER AREAS**
  - ZONE X Areas determined to be outside 500-year floodplain.
  - ZONE D Areas in which flood hazards are undetermined.
- UNDEVELOPED COASTAL BARRIERS\***
  - Identified 1983
  - Identified 1990
  - Otherwise Protected Areas

\*Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

- Base Flood Elevation Line: Elevation in Feet\*\*
- Cross Section Line
- Base Flood Elevation in Feet Where Uniform Within Zone\*\*
- Elevation Reference Mark
- River Mile

\*\*Referenced to the National Geodetic Vertical Datum of 1929

MAP REPOSITORY  
Refer to Repository Listing on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP  
OCTOBER 16, 1997

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

Refer to the FLOOD INSURANCE RATE MAP effective date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.  
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.

APPROXIMATE SCALE  
1000 0 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP  
SAGINAW COUNTY,  
MICHIGAN  
(ALL JURISDICTIONS)

PANEL 85 OF 360  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BUENA VISTA, CHARTER TOWNSHIP OF	260499	0085	0
CARROLLTON, TOWNSHIP OF	260807	0085	0
KOCHVILLE, TOWNSHIP OF	260592	0085	0
SAGINAW, CITY OF	260889	0085	0
ZILWAUKEE, CITY OF	260285	0085	0
ZILWAUKEE, TOWNSHIP OF	260286	0085	0

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER  
26145C0085 D

EFFECTIVE DATE:  
OCTOBER 16, 1997

Federal Emergency Management Agency

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	(FEET NGVD)		
						WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Saginaw River								
A	11.802	923	14,252	4.8	587.2	587.2	587.3	0.1
B	12.569	1,416	20,955	3.3	587.8	587.8	587.9	0.1
C	13.249	1,085	15,405	4.4	588.0	588.0	588.1	0.1
D	13.747	1,195	17,540	3.9	588.3	588.3	588.4	0.1
E	14.385	537	14,224	4.8	588.6	588.6	588.7	0.1
F	14.407	540	10,764	6.4	588.6	588.6	588.6	0.0
G	15.156	713	15,498	4.4	589.1	589.1	589.2	0.1
H	15.612	545	13,361	5.1	589.3	589.3	589.4	0.1
I	16.169	1009	14,687	4.7	589.7	589.7	589.8	0.1
J	16.500	659	16,294	4.2	589.9	589.9	590.0	0.1
K	16.758	447	14,365	4.7	590.0	590.0	590.1	0.1
L	16.776	561	12,181	5.6	590.0	590.0	590.0	0.0
M	17.282	592	14,446	4.7	590.3	590.3	590.4	0.1
N	17.758	450	12,384	5.5	590.5	590.5	590.6	0.1
O	17.791	732	15,750	4.3	590.7	590.7	590.8	0.1
P	18.134	560	13,585	5.0	590.8	590.8	590.9	0.1
Q	18.161	531	12,616	5.4	590.8	590.8	590.8	0.0
R	18.268	518	12,345	5.5	590.8	590.8	590.9	0.1
S	18.335	430	12,428	5.5	590.9	590.9	591.0	0.1
T	18.431	441	10,255	6.6	590.8	590.8	590.9	0.1
U	18.598	435	11,431	5.9	591.1	591.1	591.2	0.1
V	18.871	460	12,171	5.6	591.3	591.3	591.4	0.1
W	18.939	550	11,467	5.9	591.3	591.3	591.4	0.1
X	19.432	510	11,830	5.7	591.7	591.7	591.8	0.1
Y	19.463	575	12,717	5.3	591.9	591.9	592.0	0.1
Z	20.116	510	10,866	6.3	592.2	592.2	592.3	0.1

<sup>1</sup>Miles above mouth

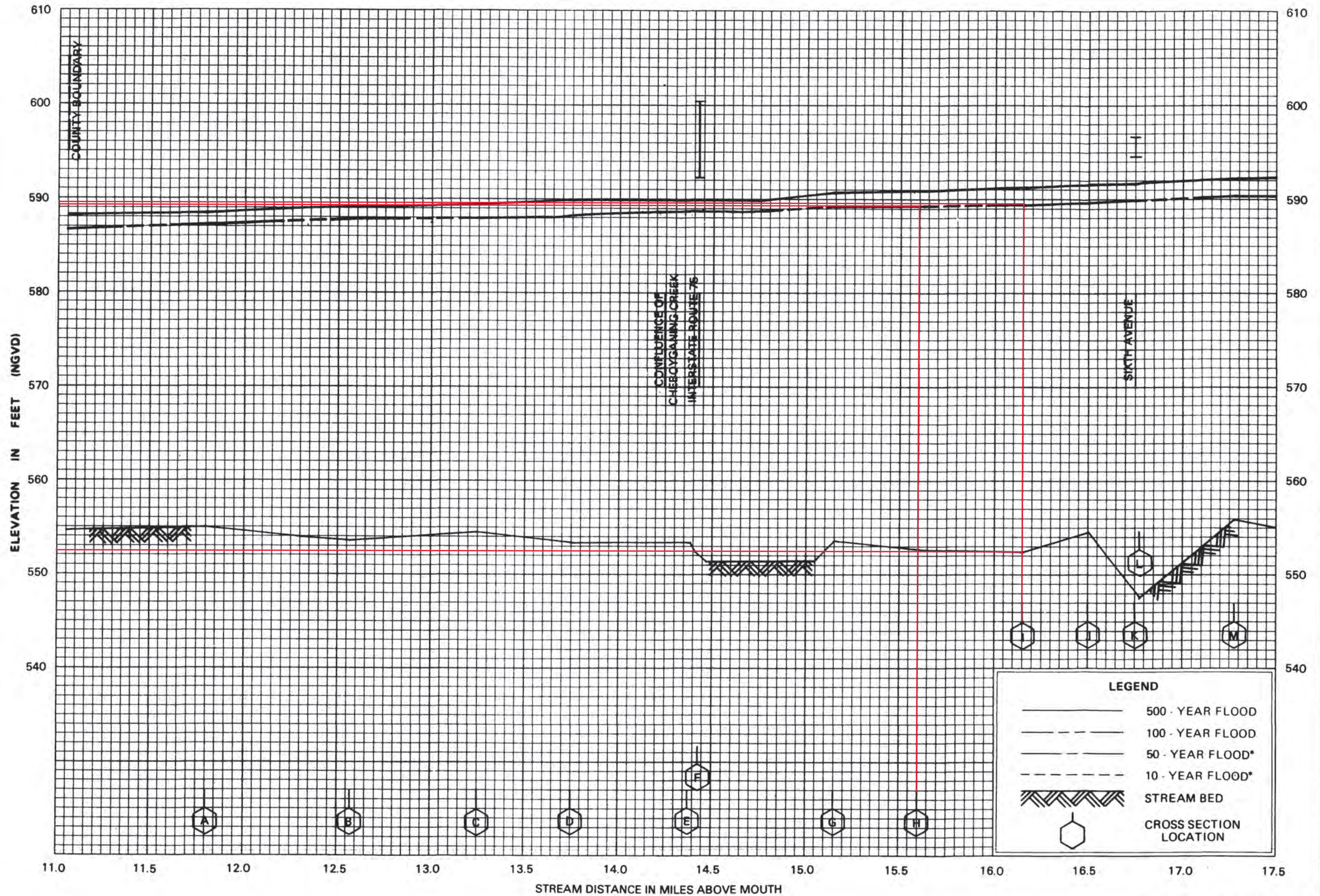
TABLE 7

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAGINAW COUNTY, MI**  
(ALL JURISDICTIONS)

**FLOODWAY DATA**

**SAGINAW RIVER**



LEGEND	
	500 - YEAR FLOOD
	100 - YEAR FLOOD
	50 - YEAR FLOOD*
	10 - YEAR FLOOD*
	STREAM BED
	CROSS SECTION LOCATION

**FLOOD PROFILES  
SAGINAW RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**SAGINAW COUNTY, MI**  
(ALL JURISDICTIONS)

\*DATA NOT AVAILABLE

ATTACHMENT 4 – EGLE PERMIT



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
WATER RESOURCES DIVISION  
PERMIT

**Issued To:**

David Favero  
1505 Woodward Ave Ste 200  
Detroit, MI 48226

**Permit No:** WRP019885 v.1  
**Submission No.:** HNT-09MT-RQM1E  
**Site Name:** RACER-Saginaw Nodular Indust  
**Issued:** January 16, 2020  
**Revised:**  
**Expires:** January 16, 2025

This permit is being issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- |   |   |
|---|---|
| <input type="checkbox"/> Part 301, Inland Lakes and Streams   | <input type="checkbox"/> Part 323, Shorelands Protection and Management |
| <input checked="" type="checkbox"/> Part 303, Wetlands Protection   | <input type="checkbox"/> Part 325, Great Lakes Submerged Lands          |
| <input type="checkbox"/> Part 315, Dam Safety   | <input type="checkbox"/> Part 353, Sand Dunes Protection and Management |
| <input checked="" type="checkbox"/> Part 31, Water Resources Protection (Floodplain Regulatory Authority) |   |

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

**Authorized Activity:**

Removal of 60 linear feet by 20 linear feet of hazardous waste requested by EPA. Fill 60 linear feet by 20 linear feet with sand once project is done. Excavate 45 cubic yards of material and place up to 45 cubic yards of fill within the 100-year floodplain of the Saginaw River, in accordance with the attached plans and specifications of this permit.

**Waterbody Affected:** Emergent Wetland and Saginaw Floodplain  
**Property Location:** Saginaw County, City of Saginaw, T 12 N/R 05 E/Section 05

**Authority granted by this permit is subject to the following limitations:**


- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.

- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify EGLE within one week after the completion of the activity authorized by this permit by completing and forwarding the attached preaddressed postcard to the office addressed thereon.
- J. This permit shall not be assigned or transferred without the written approval of EGLE.
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- M. In issuing this permit, EGLE has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, EGLE may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from EGLE. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by EGLE prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all the above information may be provided to EGLE. EGLE will review the request and, if approved, will provide written notification to the new owner.
- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.

- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit [www.mi.gov/eglestormwater](http://www.mi.gov/eglestormwater) and select "Soil Erosion and Sedimentation Control Program" under "Related Links."
  2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
  3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
  4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
  5. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.
  6. Prior to the initiation of any permitted construction activity, a sedimentation barrier shall be installed along the entire route of the disturbed wetland area and maintained in good working order until permanent stabilization and re-vegetation of all disturbed areas has occurred. The sedimentation barrier shall be removed after re-vegetation.
  7. Construction must be undertaken and completed during the dry period of the wetland, or when frozen.
  8. If the area does not dry out or freeze, construction shall be done on equipment mats to prevent compaction of the soil.
  9. Upon completion of the project, the disturbed wetland areas shall be restored to the original contour elevation, revegetated and reseeded with species native to Michigan appropriate to the site, and mulched to prevent erosion.
  10. All fill/backfill shall consist of clean inert material which will not cause siltation nor contain soluble chemicals, organic matter, pollutants, contaminants or **broken concrete**. All fill shall be contained in such a manner so as not to erode into any surface water, floodplain, or wetland. All raw areas associated with the permitted activity shall be stabilized with sod and/or seed and mulch, riprap, or other technically effective methods as necessary to prevent erosion.
  11. The design flood or 1% annual chance (100-year) floodplain elevation at this location on the Saginaw River is 589.3 feet NGVD29 (588.5 feet NAVD88).
  12. Fill within the 100-year floodplain is limited to 45 cubic yards.

13. The compensating cut (excavations) for floodplain fill, as authorized by this permit, shall be completed prior to, or concurrently with, the placement of the fill. The compensating cut and fill areas shall be properly stabilized to prevent soil erosion and off site sedimentation in conformance with Part 91, Soil Erosion and Sedimentation Control, of the NREPA.
14. Fill shall not be placed to prevent surface water drainage across the site. Site runoff shall be directed to public or natural drainage ways and not unnaturally discharged onto adjacent properties.
15. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
16. All fill/backfill shall consist of clean inert material that will not cause siltation nor contain soluble chemicals, organic matter, pollutants, or contaminants. All fill shall be contained in such a manner so as not to erode into any surface water, floodplain, or wetland. All raw areas associated with the permitted activity shall be stabilized with sod and/or seed and mulch, riprap, or other technically effective methods as necessary to prevent erosion.
17. Unless specifically stated under the "Permitted Activity" of this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a floodplain are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
18. Under Appendix G of the Michigan Building Code 2009, a local building permit is required for development located in flood hazard areas.
19. The project is located within a community that participates in the National Flood Insurance Program (NFIP). As a participant in the NFIP, the community must comply with the Michigan Building Code (including Appendix G and listed supporting materials); the Michigan Residential Code; and Title 44 of the Code of Federal Regulations, Part 60, Criteria for Land Management and Use. The community is also responsible to ensure that its floodplain maps and studies are maintained to show changes to flood elevations and flood delineations as described in 44 CFR, Part 65, Identification and Mapping of Special Hazard Areas.
20. This permit is limited to authorizing the construction as specified above and carries with it no assurances or implications that associated lake, stream, wetland or floodplain areas can be developed and serviced by the structures authorized by this permit.
21. The permittee is hereby notified that portions of the parcel, not covered by this permit, fall under the regulatory authority of Part 301, Inland Lakes and Streams, and/or Part 31, Floodplain Regulatory Authority/Water Resources Protection, and/or Part 303, Wetlands Protection, of the NREPA. A permit from the EGLE Water Resources Division may be required for certain regulated activities. Failure to comply with the requirements of the NREPA may subject the owner to compliance actions as provided by statute.
22. Historic artifacts could occur on or near this project site and may be impacted by your activities. If during the course of construction artifacts are encountered, immediately contact the Office of the State Archaeologist, at 517-373-6358.

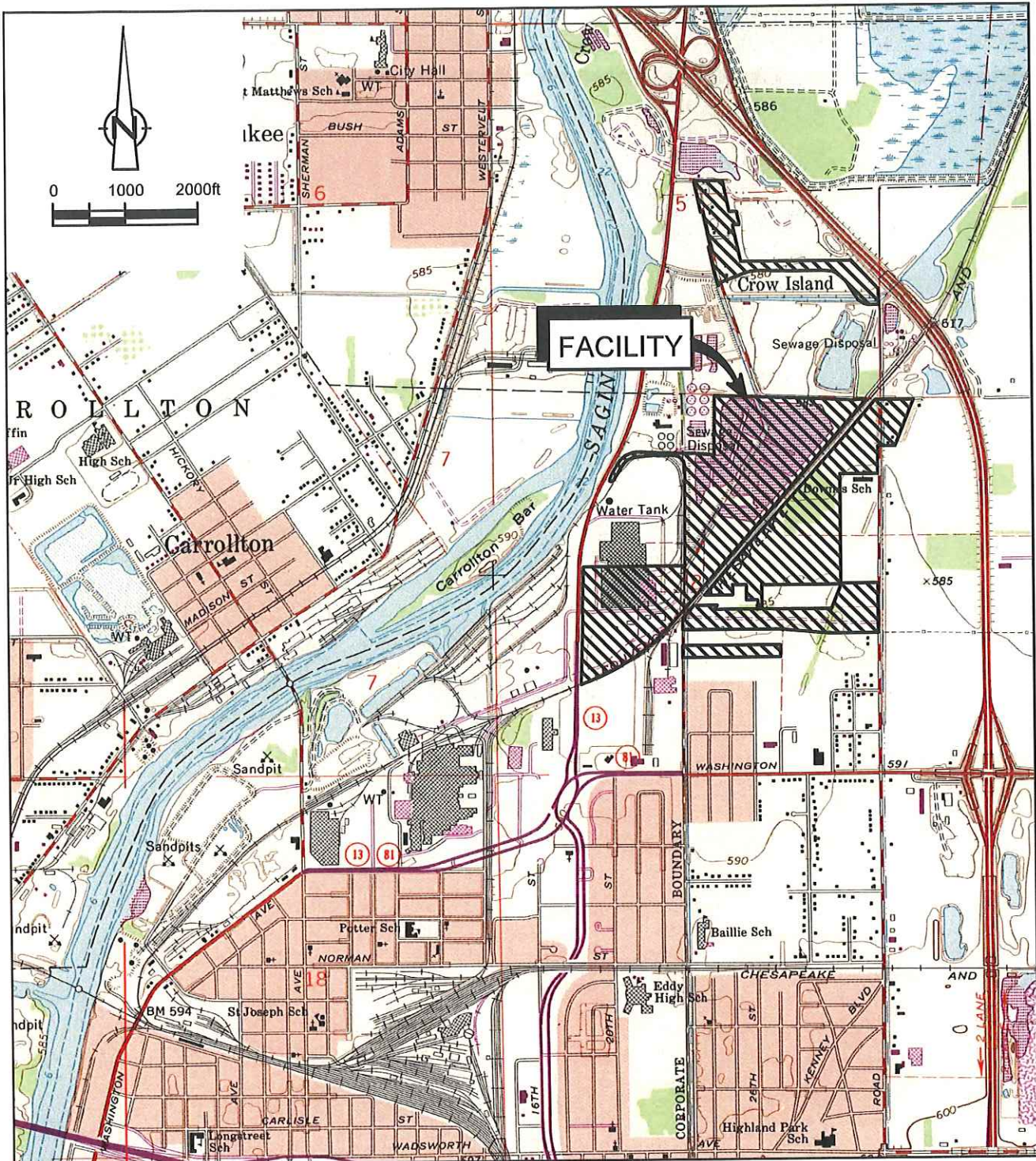
23. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by EGLE, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.

Issued By:   
Whitney Hoppes  
Environmental Quality Analyst  
Bay City District Office  
Water Resources Division  
989-355-4959



Attached; Plans

cc: City of Saginaw Clerk  
Saginaw County Drain Commissioner  
Saginaw County CEA  
City of Saginaw Building Official/Floodplain Administrator  
John-Eric Pardys- Agent



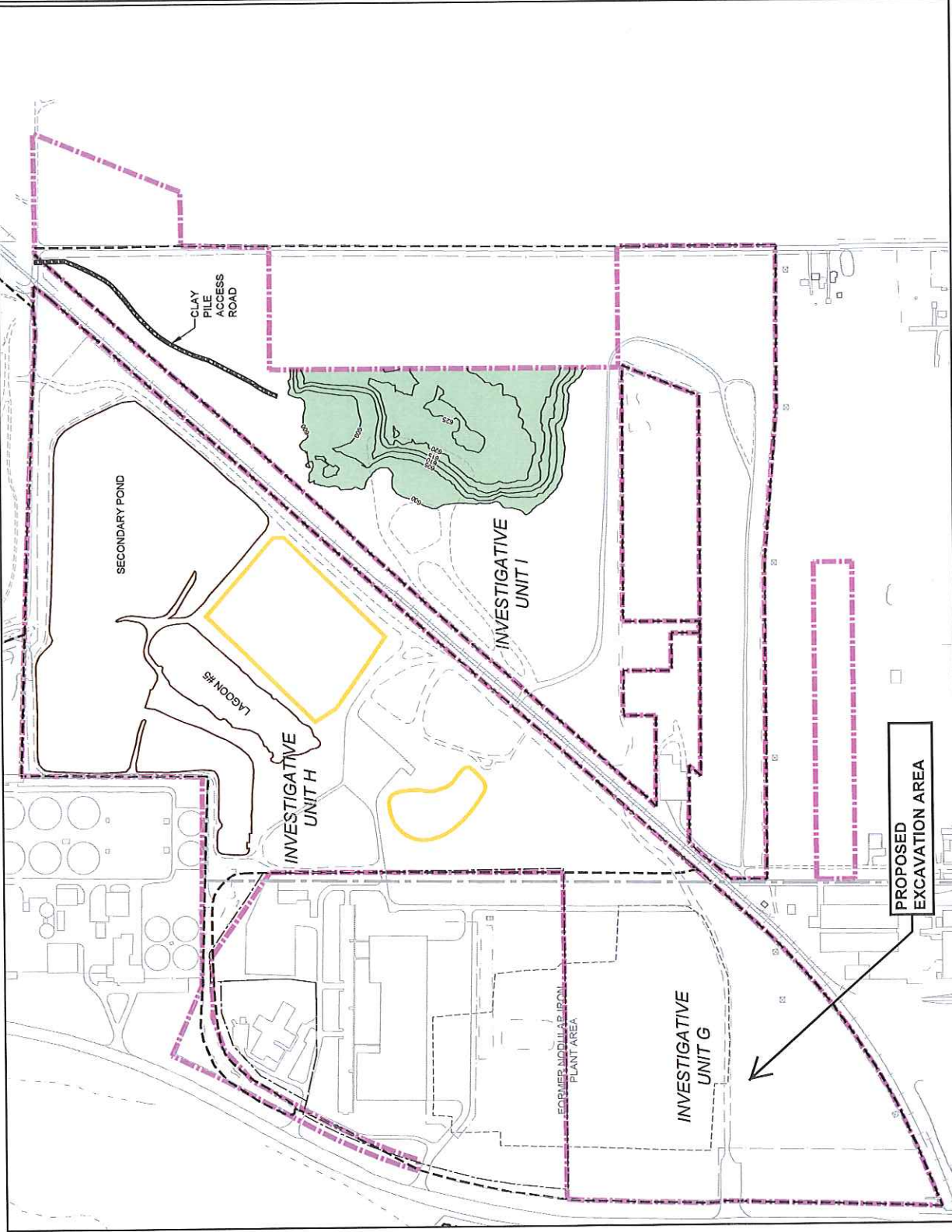
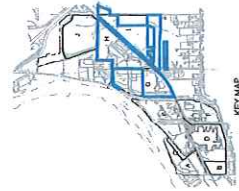
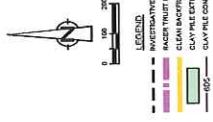
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE; SAGINAW, MICHIGAN 1967



figure 1.1  
 SITE LOCATION  
 REVITALIZING AUTOMOTIVE COMMUNITY  
 ENVIRONMENTAL RESPONSE  
 Saginaw, Michigan



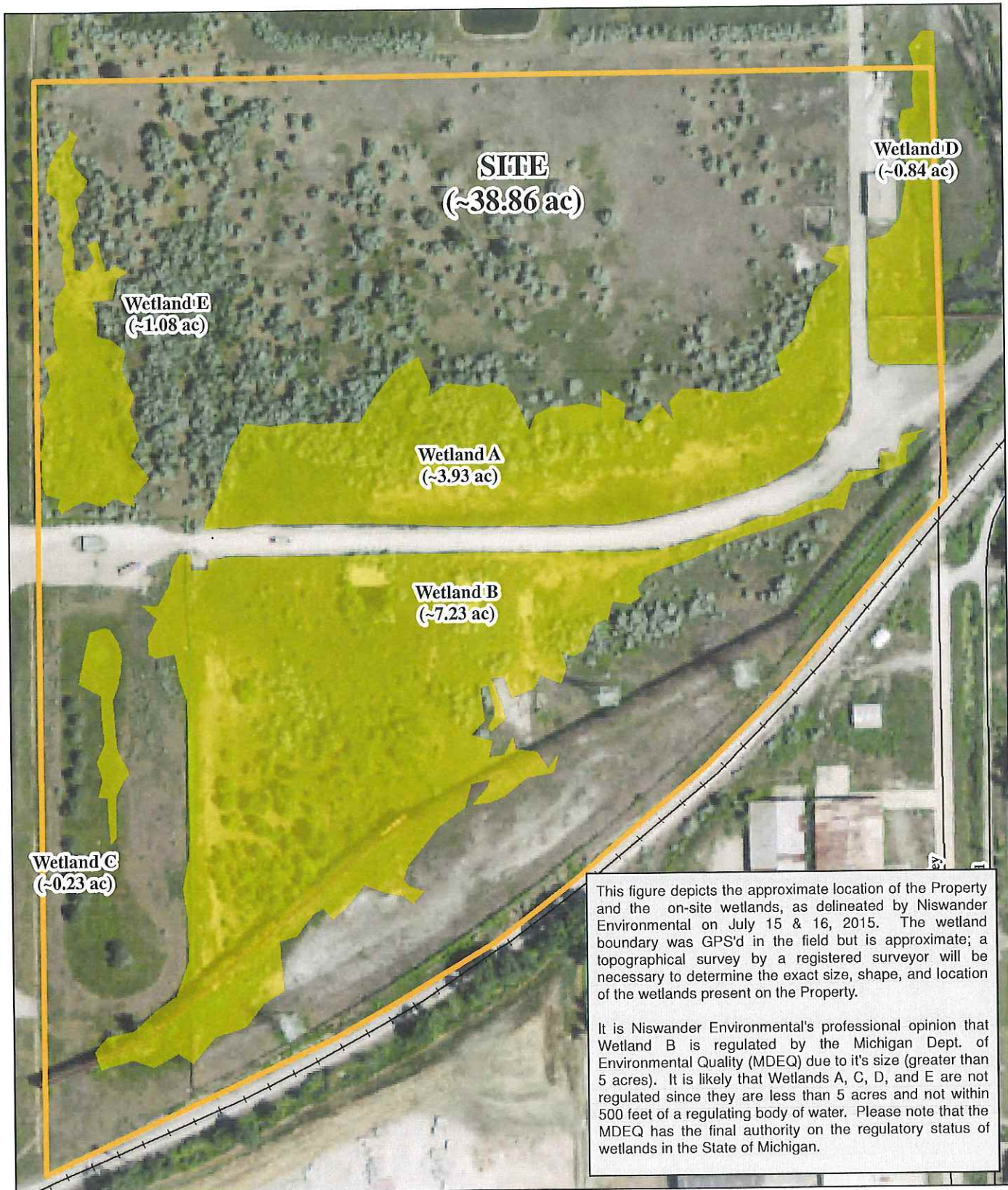




**RACER TRUST**  
 SAGINAW, MICHIGAN  
 CLEAN BACKFILL STOCKPILES

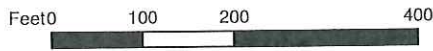
<small>           GEOTECHNICAL ENGINEERING            SPECIALTY GROUP            PROJECT NUMBER: 98500-102            PROJECT NAME: CLEAN BACKFILL STOCKPILES            DATE: OCTOBER 2016            DRAWING NUMBER: 015            DRAWING TITLE: Figure 2         </small>	

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**Figure 1. Wetland Location Map**

NE 1424 Racer Trust Industrial Park  
 Client: Menard, Inc.  
 38.86-Acre Property at 2100 Veterans Memorial Parkway  
 Section 8 of Buena Vista Twp., Saginaw Co., MI (T12N, R5E)  
 Delineation Date: July 15 & 16, 2015  
 Map Created: July 16, 2015



**NISWANDER**  
**ENVIRONMENTAL**

9436 Maltby Road, Brighton, MI 48116  
 810.225.0539 office | 810.225.0653 fax



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
 FLOOD INSURANCE RATE MAP  
 SAGINAW COUNTY,  
 MICHIGAN  
 (CALL JURISDICTIONS)

PANEL 85 OF 360  
 (SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BIEN VISTA, CHARTER TOWNSHIP OF	26149	005	D
CARROLLTON, TOWNSHIP OF	26201	005	D
ACQUVILLE, TOWNSHIP OF	26204	005	D
SAGINAW, CITY OF	26205	005	D
ZELMER, CITY OF	26225	005	D
ZELMER, TOWNSHIP OF	26226	005	D

Notice to User: The Map Number shown below should be used  
 when ordering the COMMUNITY NUMBER shown  
 above should be used in insurance applications for the subject  
 community.

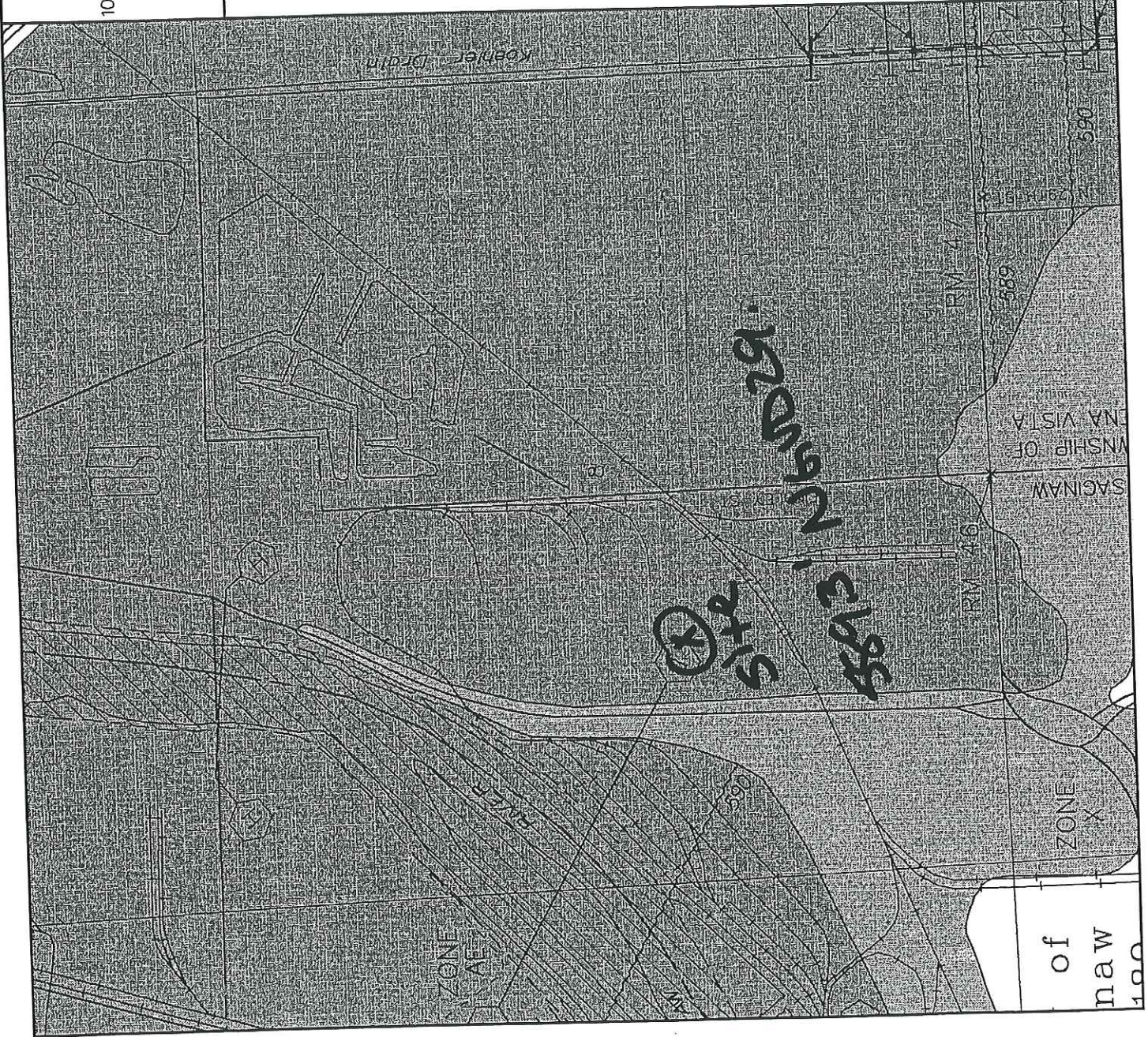
MAP NUMBER  
 26145C0085 D



EFFECTIVE DATE:  
 OCTOBER 16, 1997

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-IRM On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)







FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY (FEET NGVD)	WITH FLOODWAY	INCREASE
Saginaw River								
A	11.802	923	14,252	4.8	587.2	587.2	587.3	0.1
B	12.569	1,416	20,955	3.3	587.8	587.8	587.9	0.1
C	13.249	1,085	15,405	4.4	588.0	588.0	588.1	0.1
D	13.747	1,195	17,540	3.9	588.3	588.3	588.4	0.1
E	14.385	537	14,224	4.8	588.6	588.6	588.7	0.1
F	14.407	540	10,764	6.4	588.6	588.6	588.6	0.0
G	15.156	713	15,498	4.4	589.1	589.1	589.2	0.1
H	15.612	545	13,361	5.1	589.3	589.3	589.4	0.1
I	16.169	1009	14,687	4.7	589.7	589.7	589.8	0.1
J	16.500	659	16,294	4.2	589.9	589.9	590.0	0.1
K	16.758	447	14,365	4.7	590.0	590.0	590.1	0.1
L	16.776	561	12,181	5.6	590.0	590.0	590.0	0.0
M	17.282	592	14,446	4.7	590.3	590.3	590.4	0.1
N	17.758	450	12,384	5.5	590.5	590.5	590.6	0.1
O	17.791	732	15,750	4.3	590.7	590.7	590.8	0.1
P	18.134	560	13,585	5.0	590.8	590.8	590.9	0.1
Q	18.161	531	12,616	5.4	590.8	590.8	590.8	0.0
R	18.268	518	12,345	5.5	590.8	590.8	590.9	0.1
S	18.335	430	12,428	5.5	590.9	590.9	591.0	0.1
T	18.431	441	10,255	6.6	590.8	590.8	590.9	0.1
U	18.598	435	11,431	5.9	591.1	591.1	591.2	0.1
V	18.871	460	12,171	5.6	591.3	591.3	591.4	0.1
W	18.939	550	11,467	5.9	591.3	591.3	591.4	0.1
X	19.432	510	11,830	5.7	591.7	591.7	591.8	0.1
Y	19.463	575	12,717	5.3	591.9	591.9	592.0	0.1
Z	20.116	510	10,866	6.3	592.2	592.2	592.3	0.1

<sup>1</sup>Miles above mouth

**FLOODWAY DATA**

**SAGINAW RIVER**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAGINAW COUNTY, MI**  
(ALL JURISDICTIONS)

**TABLE 7**

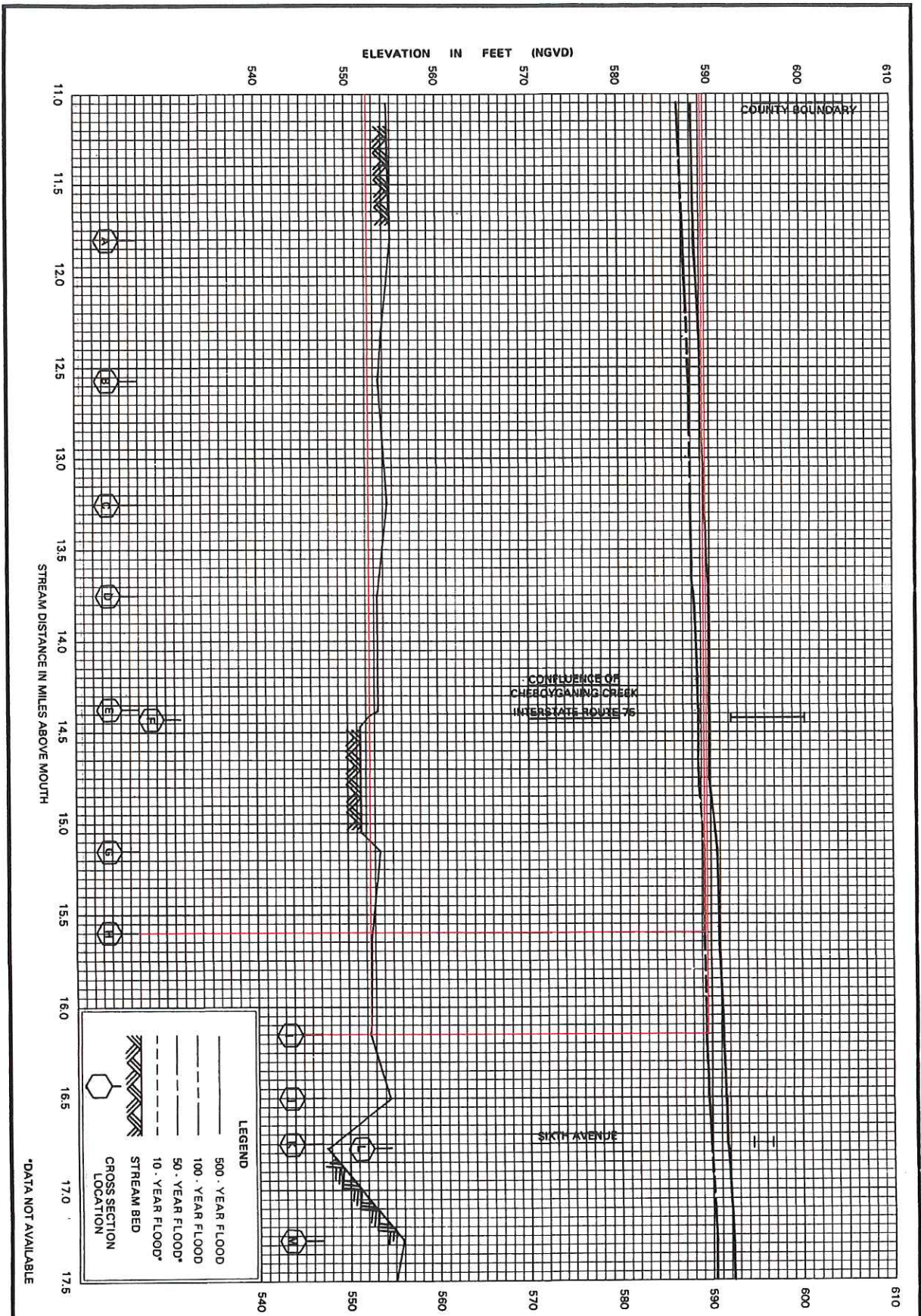




Photo 1 – Proposed Wetland Excavation Area



## Site Photographs



Photo 2 – Proposed Wetland Excavation Area





Photo 3 – Proposed Wetland Excavation Area



## Site Photographs

