CORPS OF ENGINEERS

U.S. ARMY

82°58'30" W 42°20'10" N 82°58'20" W 82°58'10" W 82°58'0" W

PROJECT DEPTH = 28.5'

42°20'0" N

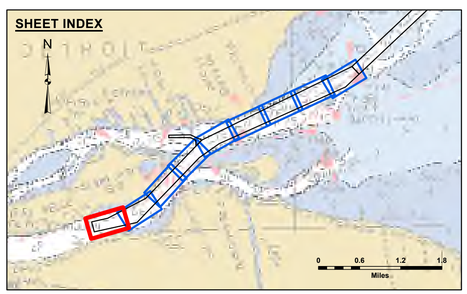
82°57'50" W

1463+00 1464+00 1465+00 1466+00 1467+00 1468+00 1469+00 1470+00 1471+00 1472+00 1473+00 1474+00 1475+00 1476+00 1477+00 1478+00 1479+00 1480+00 1481+00 1482+00 1483+00 1484+00 1485+00 1486+00 1487+00 1488+00

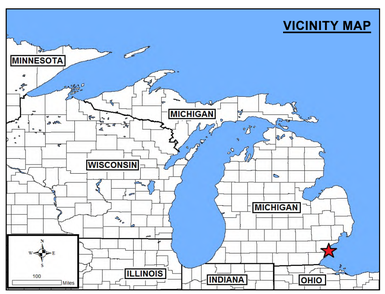
Microsoft, Vantor

82°58'20" W 82°58'10" W 82°58'0" W 42°20'0" N 82°57'50" W

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

N W E S

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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FORT WAYNE, MI 9044036
WINDMILL POINT, MI 9044049

POSITIONING: APPLANIX POS-MV4 W/ VRS/RTK OR MARINESTAR GNSS.
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT

US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Submitted:	Surveyed By: ____	
Recommended: Chief, Survey Section	Plotted By: ____	
Approved: Chief, Technical Services	Checked By: ____	

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

Sheet Reference Number 1 of 9

Revision Number:
5.26.04.06-5.26.04.06

82°58'0" W 82°57'50" W 42°20'20" N 82°57'40" W 82°57'30" W

42°20'10" N

PROJECT DEPTH = 28.5'

42°20'0" N

82°57'50" W 42°20'0" N 82°57'40" W 82°57'30" W 42°20'10" N 82°57'20" W

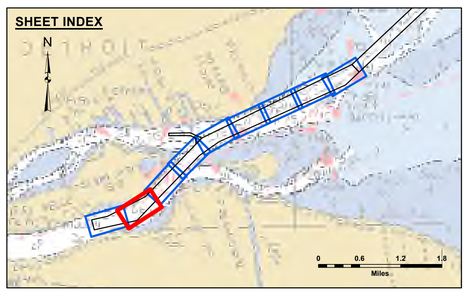
Microsoft, Vantor

82°57'20" W

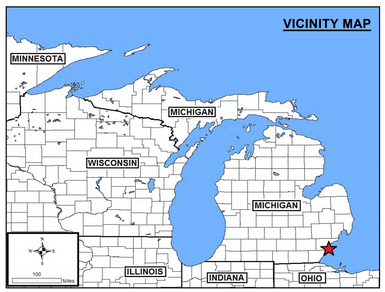
42°20'0" N

1488+00 1489+00 1490+00 1491+00 1492+00 1493+00 1494+00 1495+00 1496+00 1497+00 1498+00 1499+00 1500+00 1501+00 1502+00 1503+00 1504+00 1505+00 1506+00 1507+00 1508+00 1509+00 1510+00 1511+00 1512+00 1513+00 1514+00 1515+00

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
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SOUNDING LEGEND

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N W E S

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By:	
Plotted By:	
Checked By:	
Submitted:	
Recommended:	Chief, Survey Section
Approved:	Chief, Technical Services

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

Sheet Reference Number 2 of 9

Revision Number: 5.26.04.06-5.26.04.06

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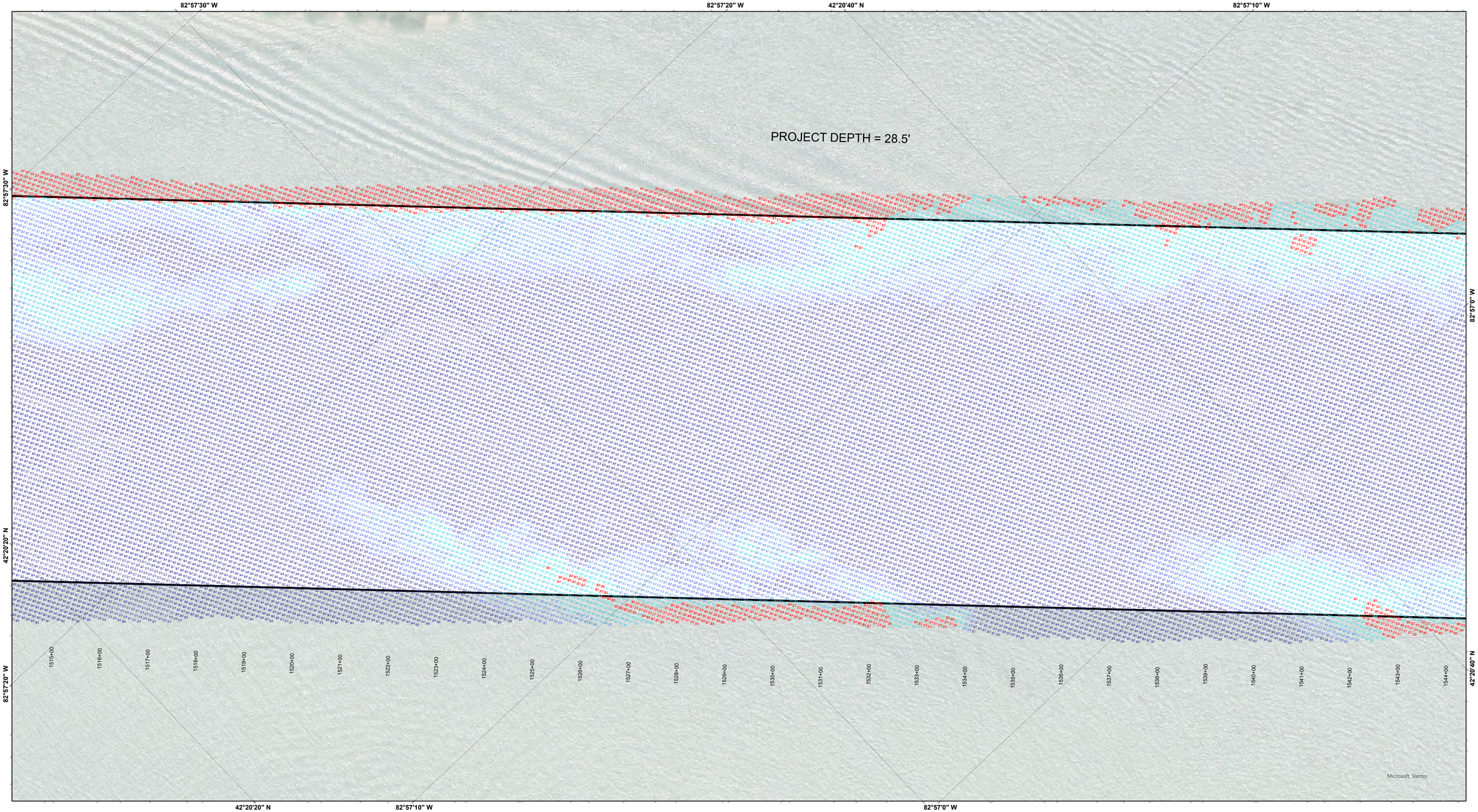
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US Army Corps of Engineers
District: CELRE

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U.S. ARMY CORPRPS OF ENGINEERS
DETROIT DISTRICT

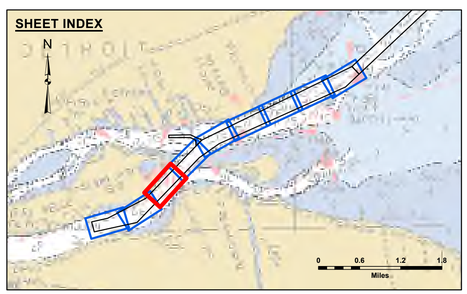
Submitted	Surveyed By: ____
Recommended	Plotted By: ____
Chief, Survey Section	____
Approved	Checked By: ____
Chief, Technical Services	____

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

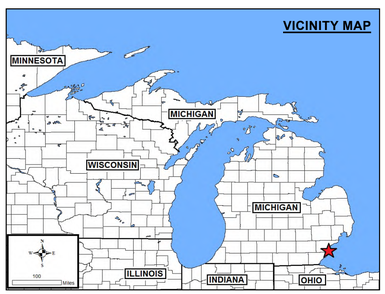
Sheet Reference Number
3 of 9

Revision Number:
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VICINITY MAP



LEGEND
- Cable Submarine
- Cable Overhead
- Placement Area
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- Channel_Limits

SOUNDING LEGEND
- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
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Feet
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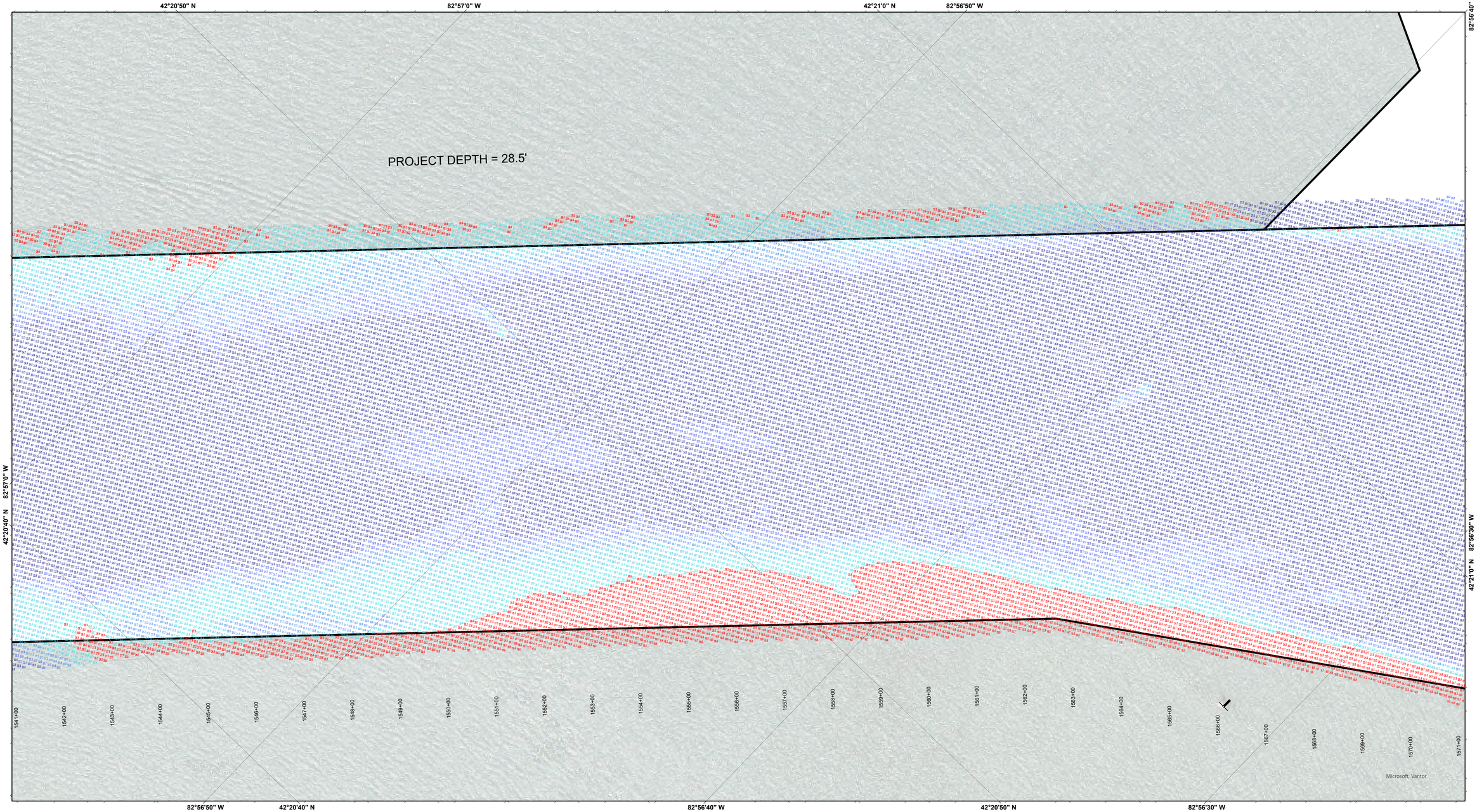
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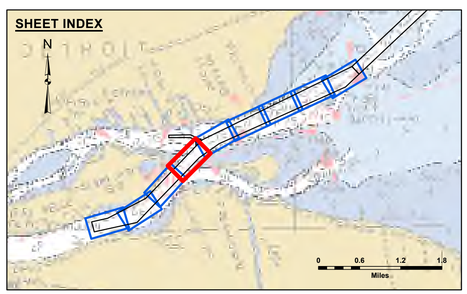
FORT WAYNE, MI 9044036
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SOFTWARE: HYPACK

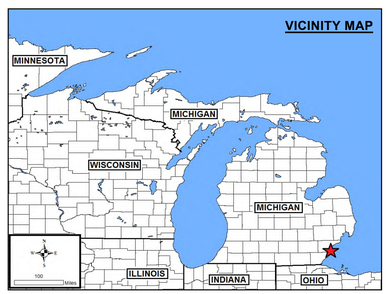
AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT



SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
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- Channel_Limits

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- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
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- PROJECT DEPTH +5'

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Feet

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By:	____
Plotted By:	____
Checked By:	____
Submitted:	____
Recommended:	Chief, Survey Section
Approved:	Chief, Technical Services

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

Sheet Reference Number 4 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

82°56'40" W

42°21'10" N

82°56'30" W

82°56'20" W

42°21'0" N

82°56'10" W

42°21'20" N

82°56'0" W

PROJECT DEPTH = 28.5'

03+00

02+00

01+00

1567+00

1568+00

1569+00

1570+00

1571+00

1572+00

1573+00

1574+00

1575+00

1576+00

1577+00

1578+00

1579+00

1580+00

1581+00

1582+00

1583+00

1584+00

1585+00

1586+00

1587+00

1588+00

1589+00

1590+00

1591+00

1592+00

1593+00

1594+00

1595+00

1596+00

1597+00

1598+00

Microsoft, Vantor

SHEET INDEX

N

0 0.6 1.2 1.8
Miles

VICINITY MAP

MINNESOTA
MICHIGAN
WISCONSIN
MICHIGAN
ILLINOIS
INDIANA
OHIO

0 100 200 300
Miles

LEGEND

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SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT

US Army Corps of Engineers
District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By: _____

Plotted By: _____

Checked By: _____

Chief, Technical Services

Chief, Survey Section

Recommended

Submitted

Approved:

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
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Sheet Reference Number 5 of 9

Revision Number:
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CORPS OF ENGINEERS

U.S. ARMY

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82°55'50" W

82°55'40" W

82°55'30" W

42°21'20" N

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PROJECT DEPTH = 28.5'

1596+00 1597+00 1598+00 1599+00 1600+00 1601+00 1602+00 1603+00 1604+00 1605+00 1606+00 1607+00 1608+00 1609+00 1610+00 1611+00 1612+00 1613+00 1614+00 1615+00 1616+00 1617+00 1618+00 1619+00 1620+00 1621+00 1622+00 1623+00 1624+00 1625+00

Microsoft, Vantor

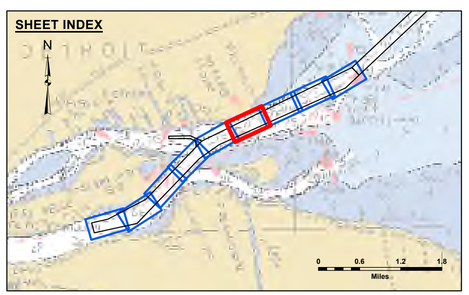
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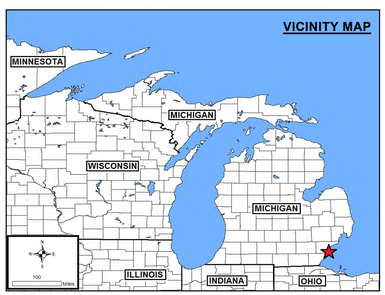
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Surveyed By:

Plotted By:

Checked By:

U.S. ARMY CORPPS OF ENGINEERS
DETROIT DISTRICT

Submitted

Recommended Chief, Survey Section

Approved Chief, Technical Services

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

Sheet Reference Number
6 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

82°55'30" W

82°55'20" W

82°55'10" W

82°55'0" W

42°21'30" N

42°21'20" N

42°21'40" N

82°54'50" W

PROJECT DEPTH = 28.5'

1623+00 1624+00 1625+00 1626+00 1627+00 1628+00 1629+00 1630+00 1631+00 1632+00 1633+00 1634+00 1635+00 1636+00 1637+00 1638+00 1639+00 1640+00 1641+00 1642+00 1643+00 1644+00 1645+00 1646+00 1647+00 1648+00 1649+00 1650+00 1651+00 1652+00

Microsoft Vantor

82°55'20" W

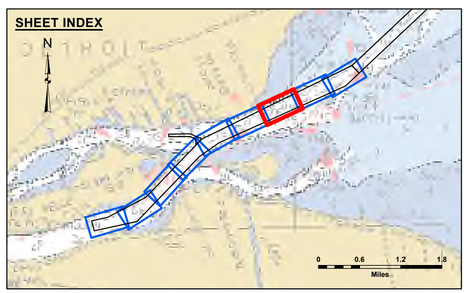
42°21'20" N

82°55'10" W

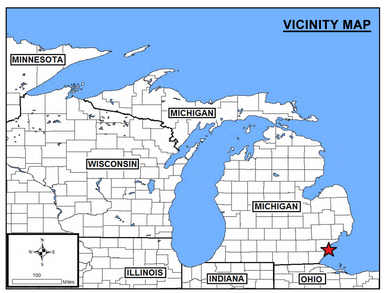
82°55'0" W

82°54'50" W

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

N W E S

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

NOTES: THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10X10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1X1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SHOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

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ALL SOUNDINGS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85).

PROJECT DEPTHS FOR THE FLEMING CHANNEL = 28.5'

TIDE VALUES ARE DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATIONS:

FORT WAYNE, MI 9044036
WINDMILL POINT, MI 9044049

POSITIONING: APPLANIX POS-MV4 W/ VRS/RTK OR MARINESTAR GNSS.
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: R2SONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT

US Army Corps of Engineers
District: CELRE

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Surveyed By: _____
Plotted By: _____
Checked By: _____

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Submitted: _____ Chief, Survey Section
Recommended: _____
Approved: _____ Chief, Technical Services

Detroit River, MI
Fleming Channel
DR_01_FMC_20260507_CS
07 May 2026

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7 of 9

Revision Number:
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82°55'0" W 82°54'50" W 82°54'40" W 42°21'50" N 82°54'30" W

42°21'40" N

42°21'30" N

42°21'50" N

42°21'40" N

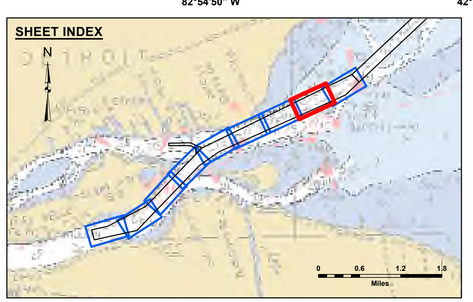
PROJECT DEPTH = 28.5'

82°54'50" W 42°21'30" N 82°54'40" W 82°54'30" W 82°54'20" W

1650+00 1651+00 1652+00 1653+00 1654+00 1655+00 1656+00 1657+00 1658+00 1659+00 1660+00 1661+00 1662+00 1663+00 1664+00 1665+00 1666+00 1667+00 1668+00 1669+00 1670+00 1671+00 1672+00 1673+00 1674+00 1675+00 1676+00 1677+00 1678+00 1679+00

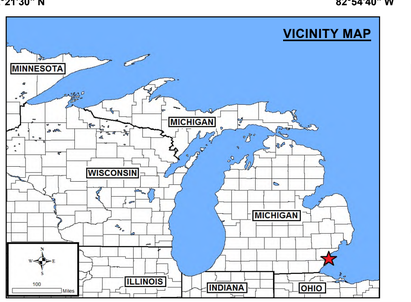
Microsoft, Vantor

SHEET INDEX



0 0.6 1.2 1.8 Miles

VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: MAXAR, MICROSOFT

US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Chief, Survey Section
Chief, Technical Services

Surveyed By:
Plotted By:
Checked By:

Submitted:
Recommended:
Approved:

Detroit River, MI
Fleming Channel
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CORPS OF ENGINEERS

U.S. ARMY

82°54'20" W

82°54'10" W

42°22'0" N

82°54'0" W

42°21'50" N

PROJECT DEPTH = 28.5'

PROJECT DEPTH = 27.5'

82°53'50" W

42°21'40" N

82°54'20" W

1678+00

1679+00

1680+00

1681+00

1682+00

1683+00

1684+00

1685+00

1686+00

1687+00

1688+00

1689+00

1690+00

1691+00

1692+00

1693+00

1694+00

1695+00

1696+00

1697+00

1698+00

1699+00

1700+00

1701+00

1702+00

1703+00

1704+00

1705+00

Microsoft, Vantor

42°21'40" N

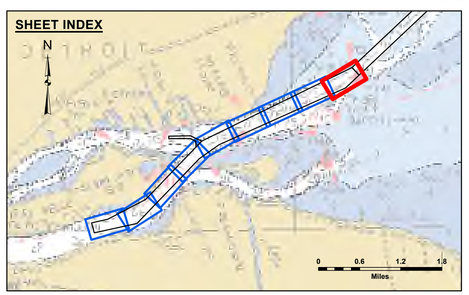
82°54'10" W

82°54'0" W

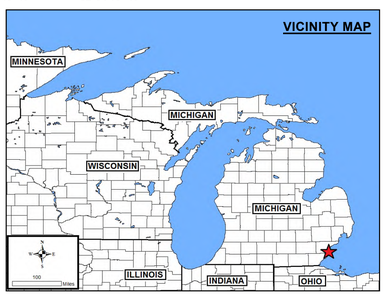
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SHEET INDEX



VICINITY MAP



LEGEND

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U.S. ARMY CORPS OF ENGINEERS
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