CORPS OF ENGINEERS

U.S. ARMY

42°14'20" N

42°14'10" N

42°14'0" N

83°7'40" W

83°7'50" W

PROJECT DEPTH = 28.5'

PROJECT DEPTH = 27.0'

873+00

872+00

870+00

869+00

871+00

868+00

867+00

866+00

865+00

864+00

863+00

862+00

861+00

860+00

859+00

858+00

857+00

856+00

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850+00

849+00

848+00

847+00

846+00

845+00

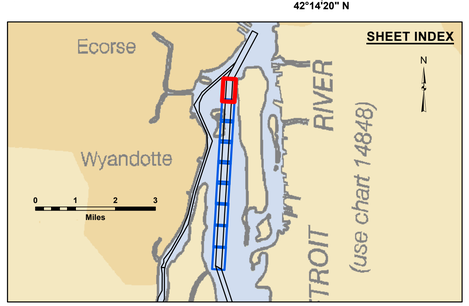
844+00

843+00

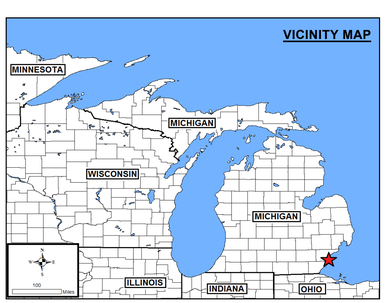
842+00

Microsoft, Vantor

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'

E N S W

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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PROJECT DEPTH FOR FIGHTING ISLAND CHANNEL = 28.5'

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

WYANDOTTE, MI (#9044030)
GIBRALTAR (#9044020)
FERMI POWER PLANT, MI (#9063090)

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: USGS

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
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

Sheet Reference Number 1 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°13'50" N

42°13'40" N

83°7'40" W

42°13'30" N

83°7'40" W

83°7'50" W

PROJECT DEPTH = 28.5'

844+00 843+00 842+00 841+00 840+00 839+00 838+00 837+00 836+00 835+00 834+00 833+00 832+00 831+00 830+00 829+00 828+00 827+00 826+00 825+00 824+00 823+00 822+00 821+00 820+00 819+00 818+00 817+00 816+00 815+00

83°8'0" W

42°13'50" N

42°13'40" N

42°13'30" N

83°7'50" W

Microsoft, Vantor

US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

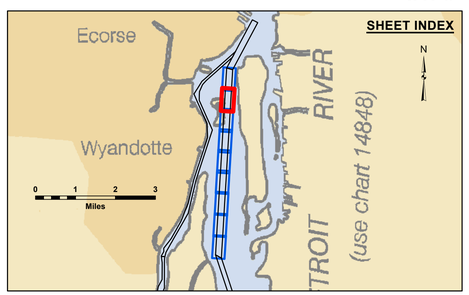
Surveyed By:	Submitted:	
Plotted By:	Recommended	Chief, Survey Section
Checked By:	Approved:	Chief, Technical Services

Detroit River, MI
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

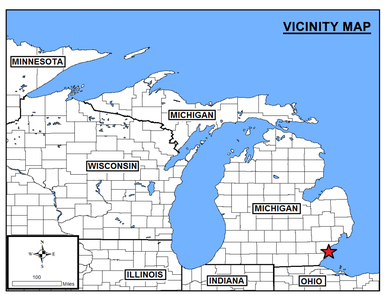
Sheet Reference Number 2 of 9

Revision Number:
5.26.04.06-5.26.04.06

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'

E N S W

1 inch = 100 feet

Feet
0 100 200 300 400 500 600

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SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: USGS

CORPS OF ENGINEERS

U.S. ARMY

42°13'20" N

42°13'10" N

42°13'0" N

PROJECT DEPTH = 28.5'

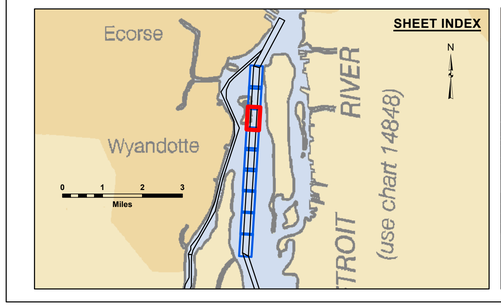
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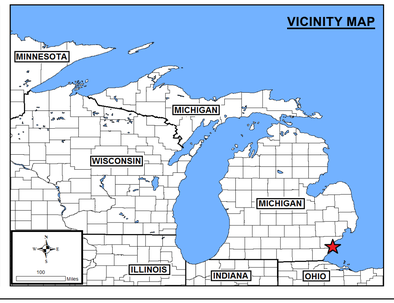
83°8'0" W

42°13'30" N

42°13'0" N

Microsoft, Vantor





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 E S W

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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SOFTWARE: HYPACK

AERIAL PHOTOGRAPHY DATA SOURCE: USGS

US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPRPS OF ENGINEERS
DETROIT DISTRICT

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

Detroit River, MI
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

Sheet Reference Number 3 of 9

Revision Number:
5.26.04.06-5.26.04.06

42°13'0" N

42°12'50" N

42°12'40" N

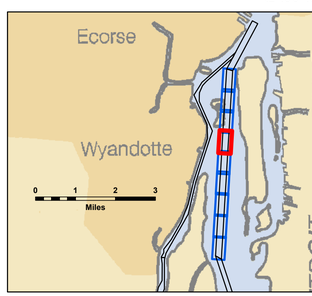
PROJECT DEPTH = 28.5'

83°7'50" W

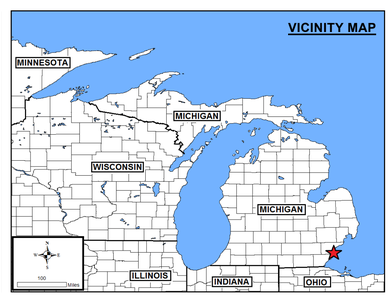
83°8'0" W

789+00 788+00 787+00 786+00 785+00 784+00 783+00 782+00 781+00 780+00 779+00 778+00 777+00 776+00 775+00 774+00 773+00 772+00 771+00 770+00 769+00 768+00 767+00 766+00 765+00 764+00 763+00 762+00 761+00 760+00

Microsoft, Vantor



SHEET INDEX



VICINITY MAP

LEGEND

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

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
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Feet
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US Army Corps of Engineers District: CELRE

U.S. ARMY CORPRPS OF ENGINEERS
DETROIT DISTRICT

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

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

Detroit River, MI
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

Sheet Reference Number 4 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°12'30" N

42°12'20" N

42°12'10" N

83°7'50" W

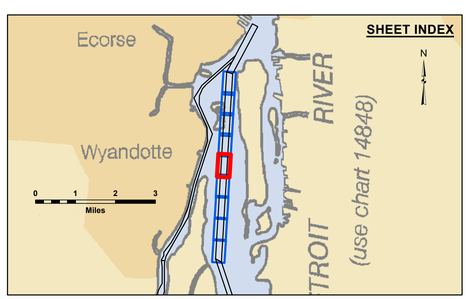
83°8'0" W

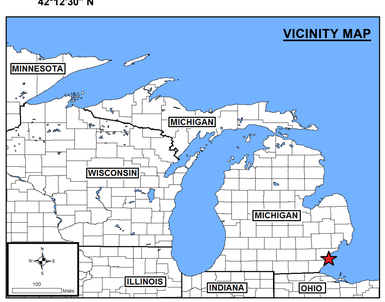
83°8'10" W

PROJECT DEPTH = 28.5'

762+00 761+00 760+00 759+00 758+00 757+00 756+00 755+00 754+00 753+00 752+00 751+00 750+00 749+00 748+00 747+00 746+00 745+00 744+00 743+00 742+00 741+00 740+00 739+00 738+00 737+00 736+00 735+00 734+00 733+00

Microsoft Vantor





LEGEND

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SOUNDING LEGEND

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E N S W

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Feet

0 100 200 300 400 500 600

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US Army Corps of Engineers
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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

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

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

Detroit River, MI
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

Sheet Reference Number
5 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°12'0" N

83°7'50" W

42°11'50" N

42°11'40" N

83°7'50" W

83°8'0" W

83°8'10" W

PROJECT DEPTH = 28.5'

735+00 734+00 733+00 732+00 731+00 730+00 729+00 728+00 727+00 726+00 725+00 724+00 723+00 722+00 721+00 720+00 719+00 718+00 717+00 716+00 715+00 714+00 713+00 712+00 711+00 710+00 709+00 708+00 707+00 706+00

42°12'0" N

42°11'50" N

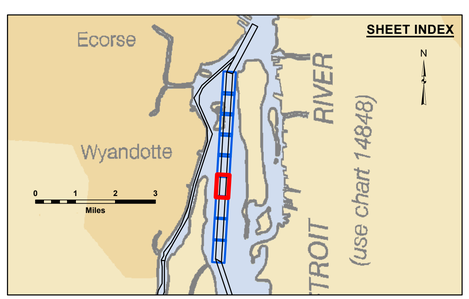
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83°8'0" W

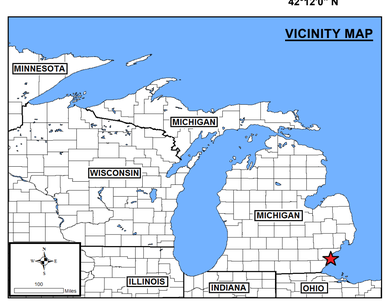
83°8'10" W

Microsoft, Vantor

SHEET INDEX



VICINITY MAP



LEGEND

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SOUNDING LEGEND

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FERMI POWER PLANT, MI (#9063090)

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: USGS

US Army Corps of Engineers
District: CELRE

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CORPS OF ENGINEERS

U.S. ARMY

42°11'40" N

42°11'30" N

42°11'20" N

PROJECT DEPTH = 28.5'

707+00 706+00 705+00 704+00 703+00 702+00 701+00 700+00 699+00 698+00 697+00 696+00 695+00 694+00 693+00 692+00 691+00 690+00 689+00 688+00 687+00 686+00 685+00 684+00 683+00 682+00 681+00 680+00 679+00 678+00

83°08'0" W

83°08'10" W

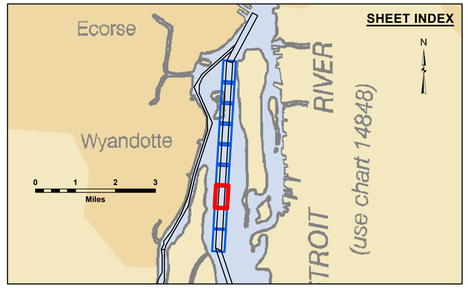
Microsoft, Vantor

42°11'40" N

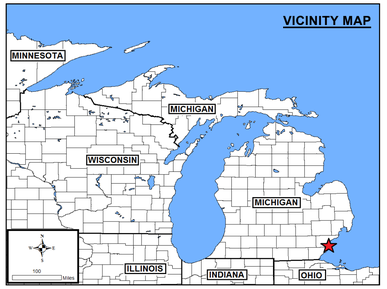
42°11'30" N

42°11'20" N

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'

E N S W

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 INTERNATION GREAT LAKES DATUM OF 1985 (IGLD85).

PROJECT DEPTH FOR FIGHTING ISLAND CHANNEL = 28.5'

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

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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
Fighting Island Channel
DR_01_FIC_20260422_CS
22 April 2026

Sheet Reference Number 7 of 9

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°11'10" N

42°11'0" N

42°10'50" N

83°9'0" W

83°8'10" W

PROJECT DEPTH = 28.5'

678+00 677+00 676+00 675+00 674+00 673+00 672+00 671+00 670+00 669+00 668+00 667+00 666+00 665+00 664+00 663+00 662+00 661+00 660+00 659+00 658+00 657+00 656+00 655+00 654+00 653+00 652+00 651+00 650+00 649+00

Microsoft, Vantor

US Army Corps of Engineers
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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

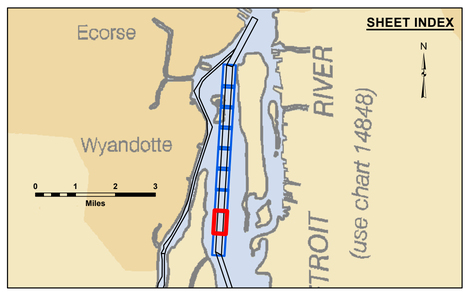
Surveyed By:		Plotted By:	Checked By:
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Recommended:			
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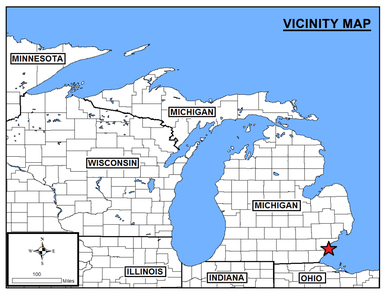
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VICINITY MAP

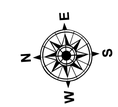


LEGEND

- 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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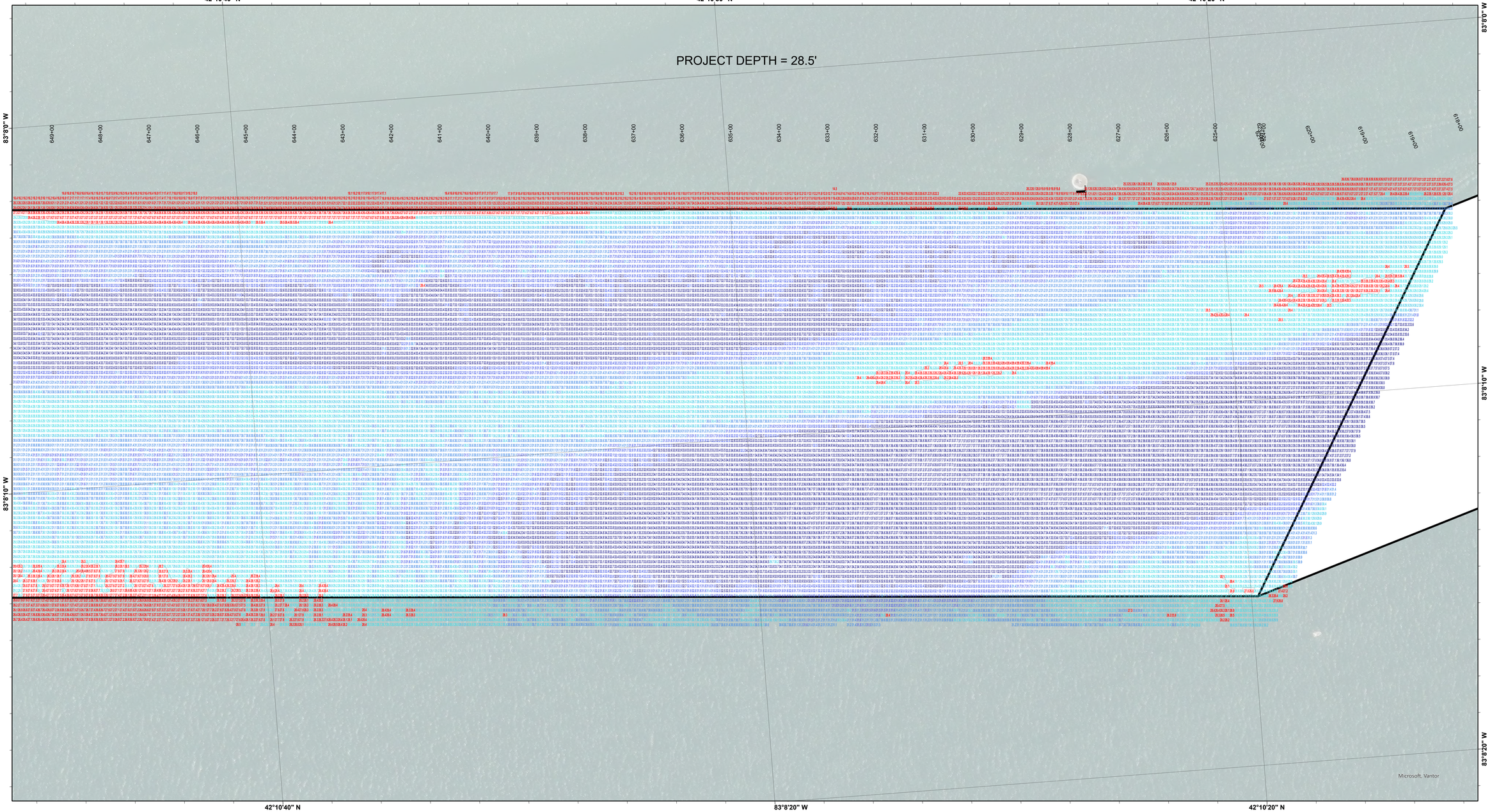
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Checked By:		

U.S. ARMY CORPPS OF ENGINEERS
DETROIT DISTRICT

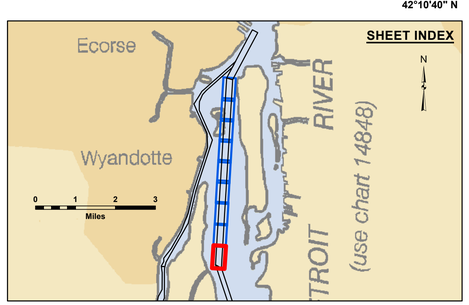
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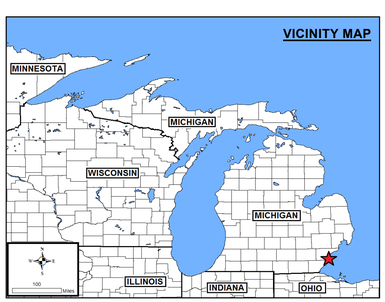
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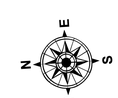


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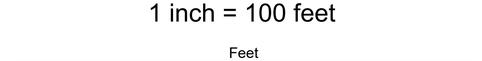
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