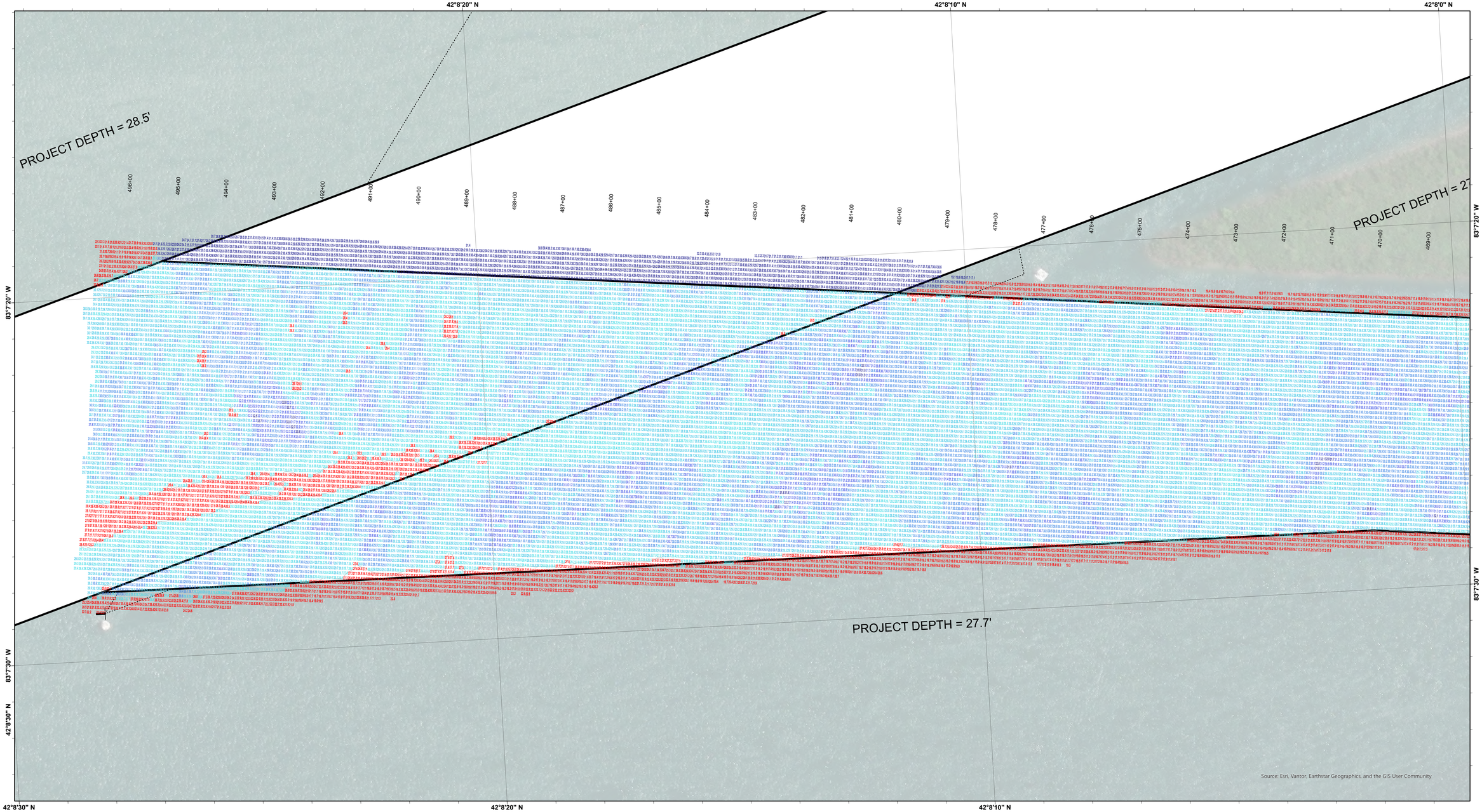
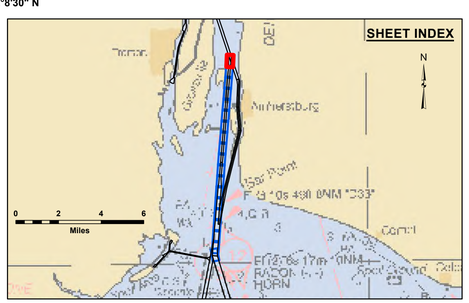
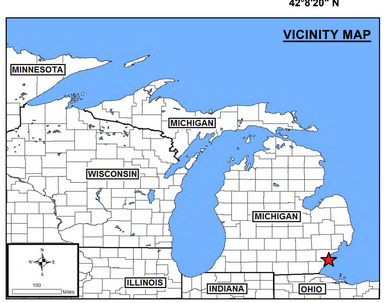
CORPS OF ENGINEERS

U.S. ARMY







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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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)
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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

Surveyed By:
Plotted By:
Checked By:

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

Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
25 June 2026

Sheet Reference Number 1 of 19

Revision Number:
5.26.04.06-5.26.04.06

42°8'0" N | 42°7'50" N | 42°7'40" N

83°7'20" W

PROJECT DEPTH = 27.5'

PROJECT DEPTH = 27.7'

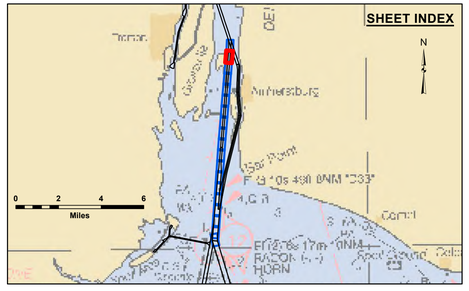
83°7'30" W

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

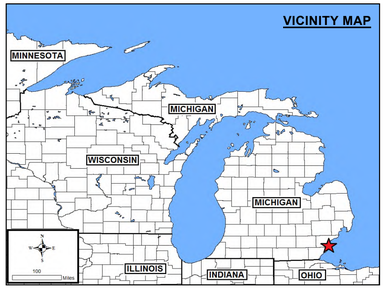
83°7'40" W

42°8'0" N | 42°7'50" N | 42°7'40" 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'
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- PROJECT DEPTH +5'

E N S W

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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

Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
25 June 2026

Sheet Reference Number
2 of 19

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°7'30" N

83°7'20" W

42°7'20" N

42°7'10" N

83°7'30" W

83°7'40" W

PROJECT DEPTH = 27.7'

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

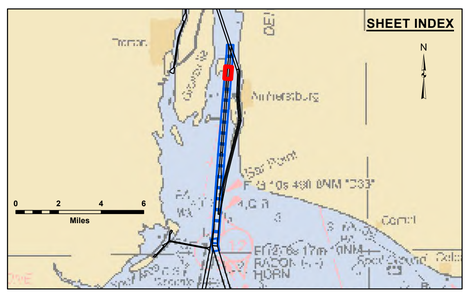
83°7'40" W

42°7'30" N

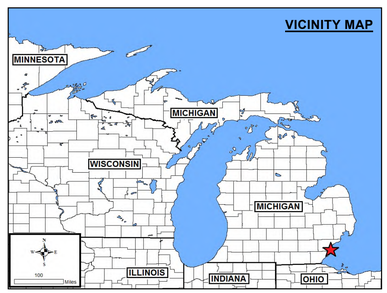
42°7'20" N

42°7'10" 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'
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- PROJECT DEPTH +4'
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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:
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Technical Services

Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
25 June 2026

Sheet Reference Number
3 of 19

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°7'0" N

42°6'50" N

42°6'40" N

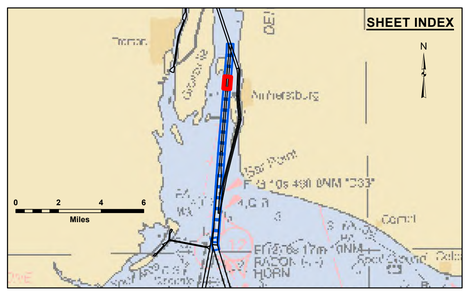
83°7'30" W

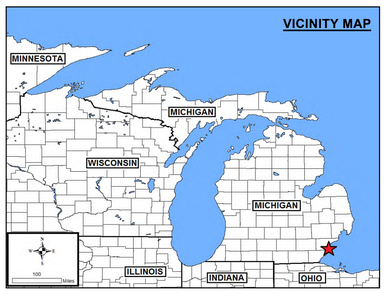
83°7'40" W

42°7'10" N

PROJECT DEPTH = 27.7'

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community





LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
- Contour Lines
- Channel Limits

SOUNDING LEGEND

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

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Surveyed By: _____

Plotted By: _____

Checked By: _____

Submitted: _____

Recommended: Chief, Survey Section

Approved: Chief, Technical Services

Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
25 June 2026

Sheet Reference Number
4 of 19

Revision Number:
5.26.04.06-5.26.04.06

CORPS OF ENGINEERS

U.S. ARMY

42°6'40" N

42°6'30" N

42°6'20" N

83°7'30" W

83°7'40" W

83°7'50" W

389+00 388+00 387+00 386+00 385+00 384+00 383+00 382+00 381+00 380+00 379+00 378+00 377+00 376+00 375+00 374+00 373+00 372+00 371+00 370+00 369+00 368+00 367+00 366+00 365+00 364+00 363+00 362+00 361+00 360+00

PROJECT DEPTH = 27.7'

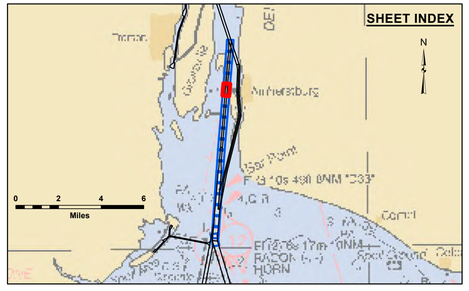
Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

42°6'40" N

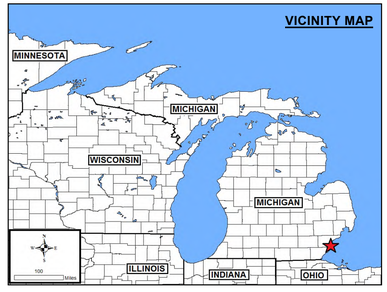
42°6'30" N

83°7'50" W

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
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SOUNDING LEGEND

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Feet

0 100 200 300 400 500 600

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SOFTWARE: HYPACK

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DETROIT DISTRICT

Surveyed By: _____

Plotted By: _____

Checked By: _____

Submitted: _____

Recommended: _____
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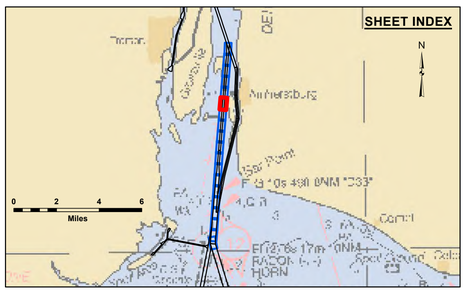
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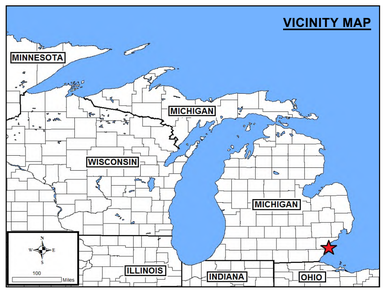
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42°6'10" N
83°7'30" W
42°6'0" N
42°5'50" N
83°7'40" W
83°7'50" W

PROJECT DEPTH = 27.7'

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community





LEGEND

- Cable Submarine
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- Channel Limits

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DETROIT DISTRICT

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

Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
25 June 2026

Sheet Reference Number 6 of 19

Revision Number:
5.26.04.06-5.26.04.06

42°5'40" N 42°5'30" N 42°5'20" N

83°7'40" W 83°7'50" W 42°5'50" N

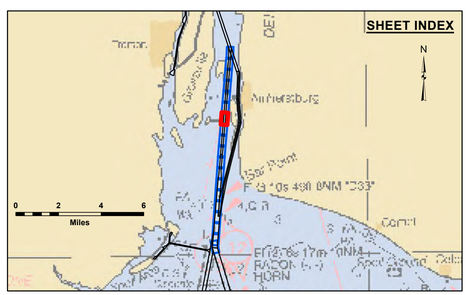
PROJECT DEPTH = 27.7'

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

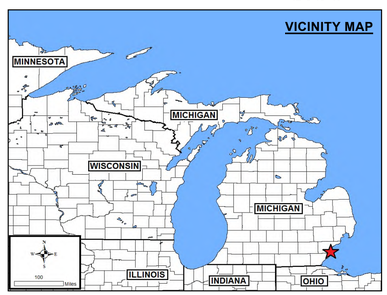
335+00 334+00 333+00 332+00 331+00 330+00 329+00 328+00 327+00 326+00 325+00 324+00 323+00 322+00 321+00 320+00 319+00 318+00 317+00 316+00 315+00 314+00 313+00 312+00 311+00 310+00 309+00 308+00 307+00 306+00 305+00

42°5'50" N 42°5'40" N 42°5'30" 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'

1 inch = 100 feet

Feet

0 100 200 300 400 500 600

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

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GIBRALTAR (#9044020)
FERMI POWER PLANT, MI (#9063090)
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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:	
	Plotted By:	
	Checked By:	
Recommended:	Chief, Survey Section	
Approved:	Chief, Technical Services	

Detroit River, MI
Livingston Channel
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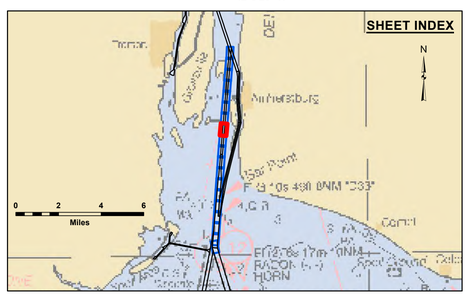
Sheet Reference Number 7 of 19

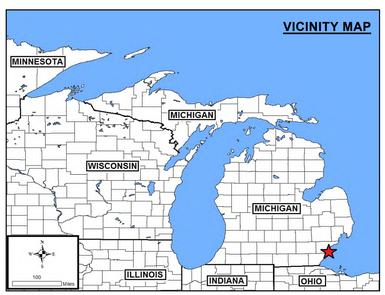
Revision Number:
5.26.04.06-5.26.04.06

42°5'20" N
42°5'10" N
42°5'0" N
83°7'40" W
83°7'50" W
83°8'0" W

PROJECT DEPTH = 27.7'

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community





LEGEND

- Cable Submarine
- Cable Overhead
- Placement Area
- Beacon, General
- Contour Lines
- Channel Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
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SOFTWARE: HYPACK

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US Army Corps of Engineers District: CELRE

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

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Detroit River, MI
Livingston Channel
DR_01_LVC_20260625_CS
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8 of 19

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CORPS OF ENGINEERS

U.S. ARMY

83°7'40" W

42°4'40" N

42°4'30" N

83°7'50" W

280+00 279+00 278+00 277+00 276+00 275+00 274+00 273+00 272+00 271+00 270+00 269+00 268+00 267+00 266+00 265+00 264+00 263+00 262+00 261+00 260+00 259+00 258+00 257+00 256+00 255+00 254+00 253+00 252+00 251+00

PROJECT DEPTH = 27.7'

83°8'0" W

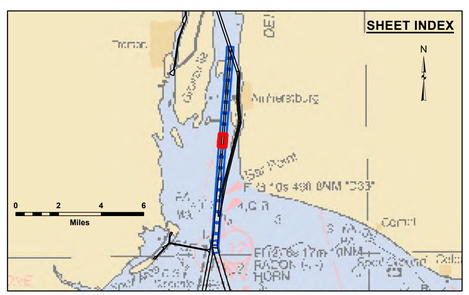
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42°4'50" N

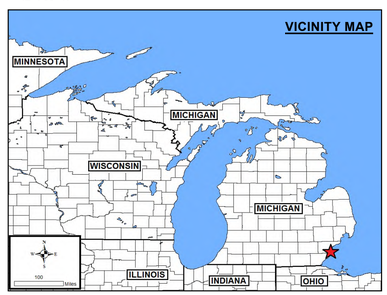
42°4'40" N

42°4'30" N

SHEET INDEX



VICINITY MAP



LEGEND

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CORPS OF ENGINEERS U.S. ARMY

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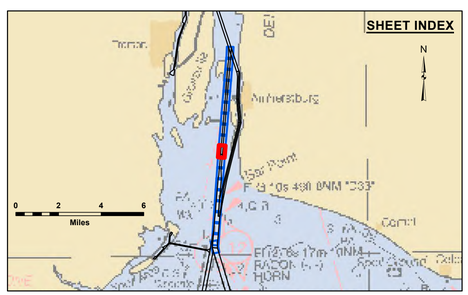
PROJECT DEPTH = 27.7'

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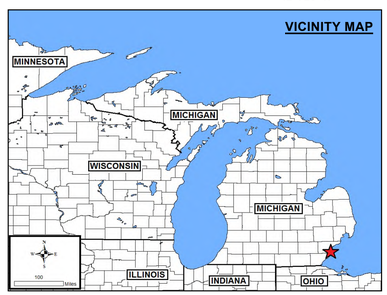
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253+00 252+00 251+00 250+00 249+00 248+00 247+00 246+00 245+00 244+00 243+00 242+00 241+00 240+00 239+00 238+00 237+00 236+00 235+00 234+00 233+00 232+00 231+00 230+00 229+00 228+00 227+00 226+00 225+00 224+00

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VICINITY MAP



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