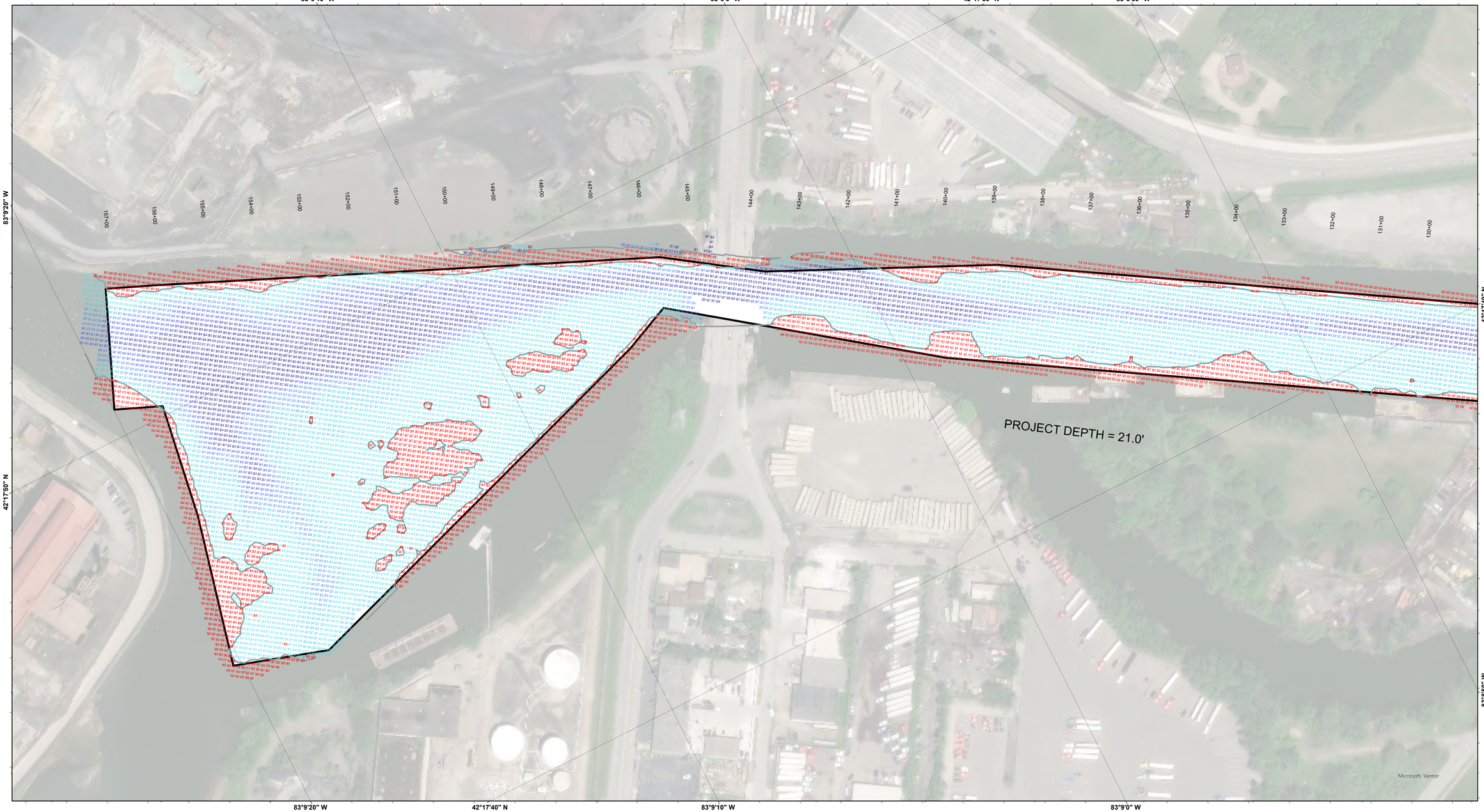
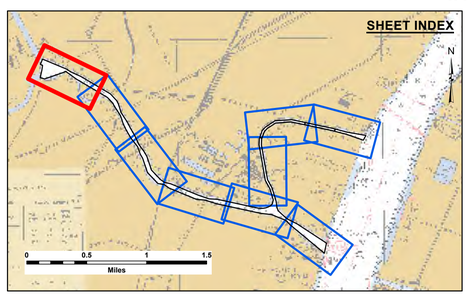
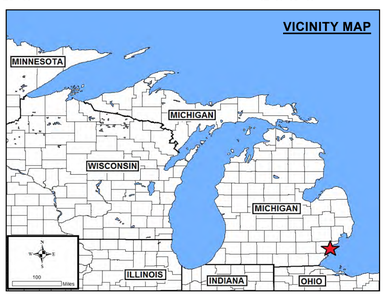






LEGEND

- 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 equals 100 feet

Feet
0 100 200 300 400 500 600

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SOFTWARE: HYPACK

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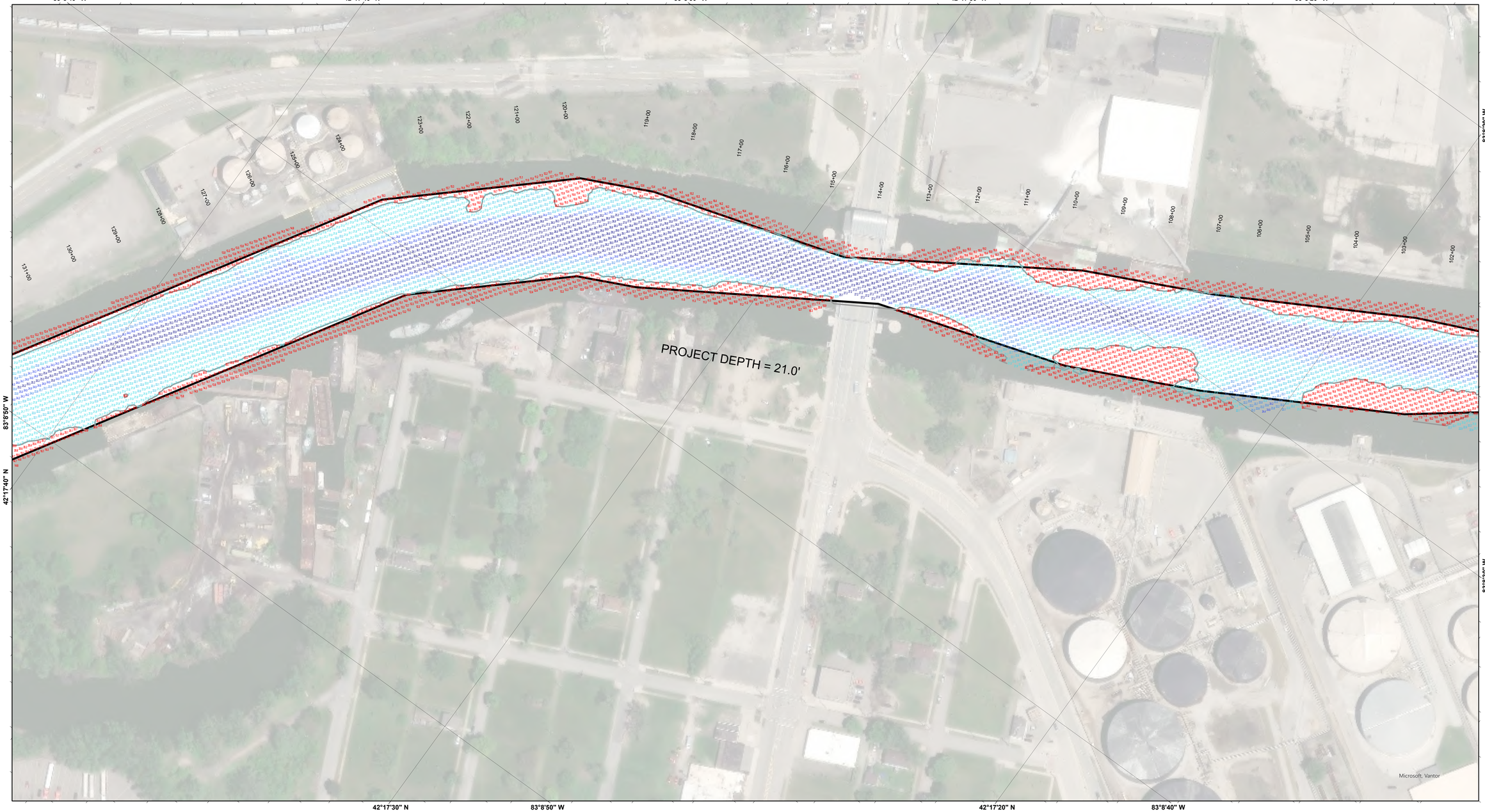
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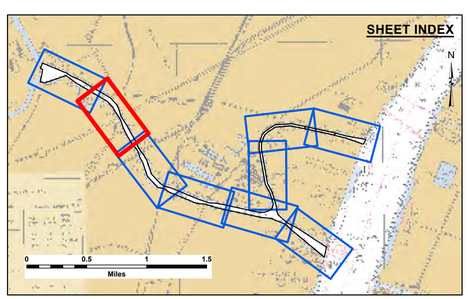
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Submitted:	Recommended: Chief, Survey Section	
	Approved: Chief, Technical Services	

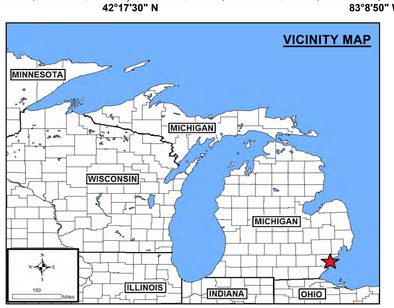
River Rouge, MI
Rouge River
RR_01_ROU_20260924_CS
24 September 2026

Sheet Reference Number 1 of 9

Revision Number:
5.26.04.06-5.26.04.06







LEGEND

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

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0 100 200 300 400 500 600

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DETROIT DISTRICT

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

River Rouge, MI
Rouge River
RR_01_ROU_20260924_CS
24 September 2026

Sheet Reference Number 2 of 9

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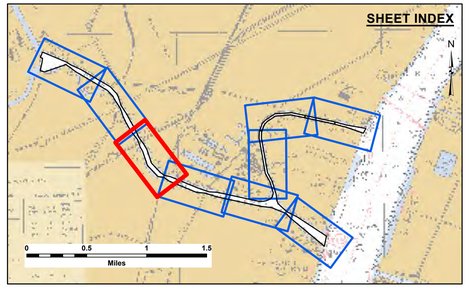
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83°8'10" W
42°17'10" N
83°8'0" W
42°17'0" N
83°8'20" W
42°17'20" N
83°8'30" W
42°17'10" N
83°8'10" W
42°17'0" N
83°8'20" W
42°16'50" N

103+00 102+00 101+00 100+00 99+00 98+00 97+00 96+00 95+00 94+00 93+00 92+00 91+00 90+00 89+00 88+00 87+00 86+00 85+00 84+00 83+00 82+00 81+00 80+00 79+00 78+00 77+00 76+00 75+00 74+00 73+00 72+00 71+00

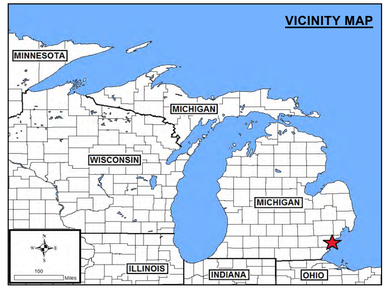
PROJECT DEPTH = 21.0'

Microsoft, Vantor

SHEET INDEX



VICINITY MAP



LEGEND

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

SOUNDING LEGEND

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1 inch equals 100 feet

Feet
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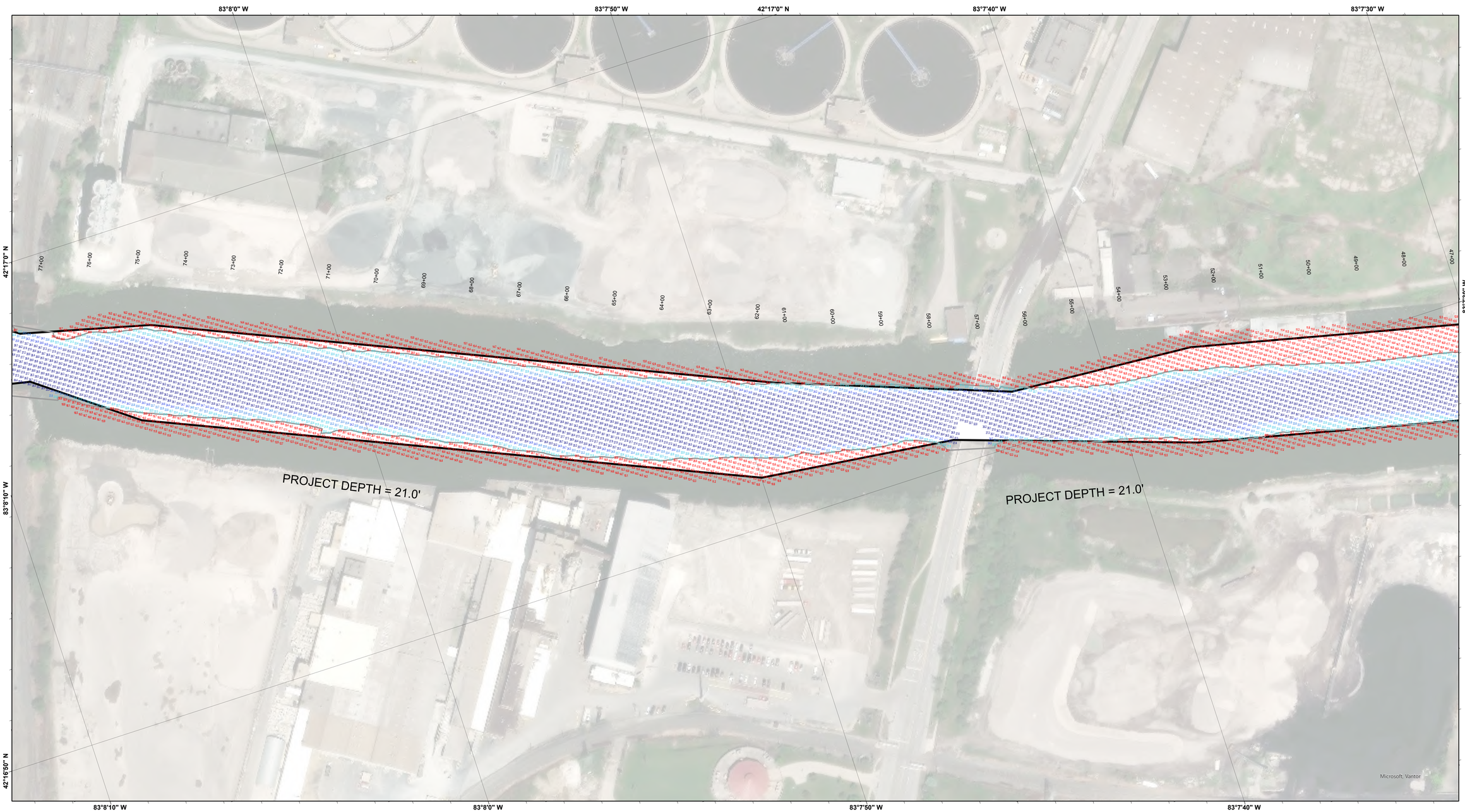
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Plotted By: ____
Checked By: ____

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

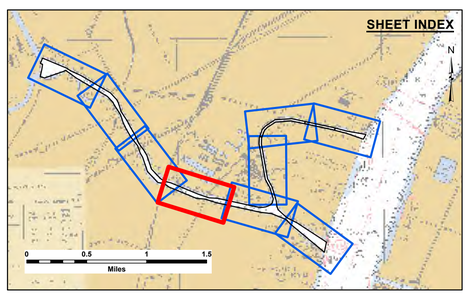
River Rouge, MI
Rouge River
RR_01_ROU_20260924_CS
24 September 2026

Sheet Reference Number 3 of 9

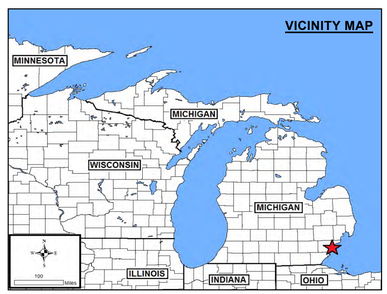
Revision Number:
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SHEET INDEX



VICINITY MAP



LEGEND

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

SOUNDING LEGEND

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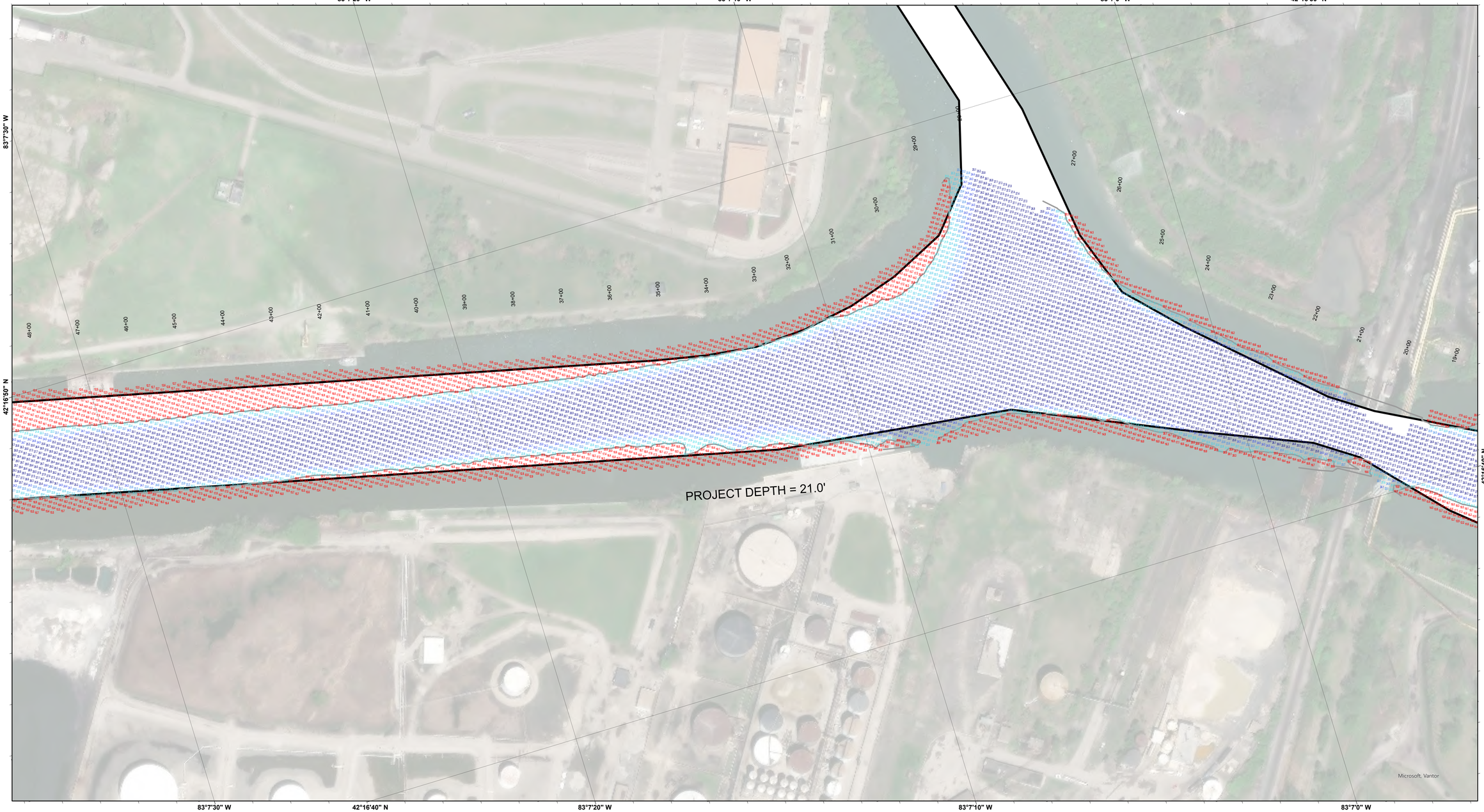
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Submitted:	
Plotted By:	
Recommended: Chief, Survey Section	
Checked By:	
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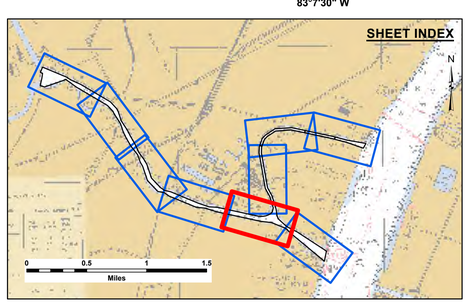
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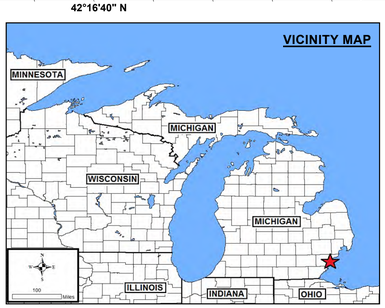
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Submitted:	Surveyed By:
Recommended: Chief, Survey Section	Plotted By:
Approved: Chief, Technical Services	Checked By:

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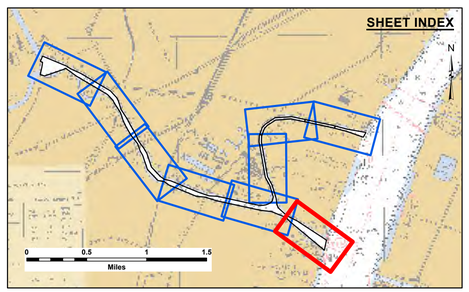
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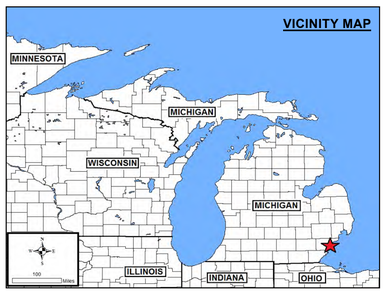
42°16'30" N 83°7'0" W 42°16'40" N 83°6'30" W 42°16'20" N

PROJECT DEPTH = 21.0'

Microsoft, Vantor

83°7'0" W 42°16'30" N 83°6'50" W 83°6'40" W 42°16'20" N





LEGEND

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

N E S W

1 inch equals 100 feet

Feet

0 100 200 300 400 500 600

NOTES: THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1 FOOT BY 1 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 NOTICES TO NAVIGATION INTERESTS.

THE SOUNDINGS DEPICTED HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND TENTHS THEREOF AND ARE REFERENCED TO THE FOLLOWING DATUMS:

HORIZONTAL: MICHIGAN STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE #2113, NORTH AMERICAN DATUM (NAD) OF 1983, U.S. SURVEY FEET

VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985. THE LOW WATER DATUM FOR THE ROUGE RIVER IS 571.2'.

THE GRID SHOWN REFERENCES LATITUDE/LONGITUDE DISPLAYED AS DEGREES, MINUTE, SECONDS IN 10 SECOND INCREMENTS. THE SURVEY DATA REPRESENTED HEREIN IS PROJECTED TO THE MICHIGAN STATE PLANE, SOUTH ZONE (2113), NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

PROJECT DEPTHS FOR THE ROUGE RIVER INCLUDE: 17', 18', 21' AND 25'

TOP OF 5 FOOT GAGE BOARD LOCATED AT THE JEFFERSON AVE BRIDGE WAS USED TO DETERMINE THE WATER LEVEL.

THE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY VESSEL(S) WHEELER AND/OR LAUNCH 3053, EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS -M /V
CORRECTIONS: VRS/RTK OR MARINESTAR GNSS
SONAR: R2SONIC 2024 (MULTI-BEAM), CV-300 (SINGLE-BEAM)
SOFTWARE: HYPACK

AERIAL IMAGERY SOURCE: VANTOR, MICROSOFT

US Army Corps of Engineers
District: CELRE

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U.S. ARMY CORRPS OF ENGINEERS
DETROIT DISTRICT

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

River Rouge, MI
Rouge River
RR_01_ROU_20260924_CS
24 September 2026

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6 of 9

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