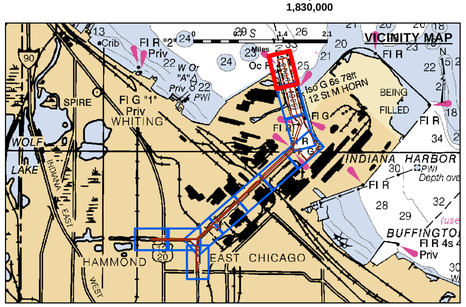

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers District: CELRC

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detroit District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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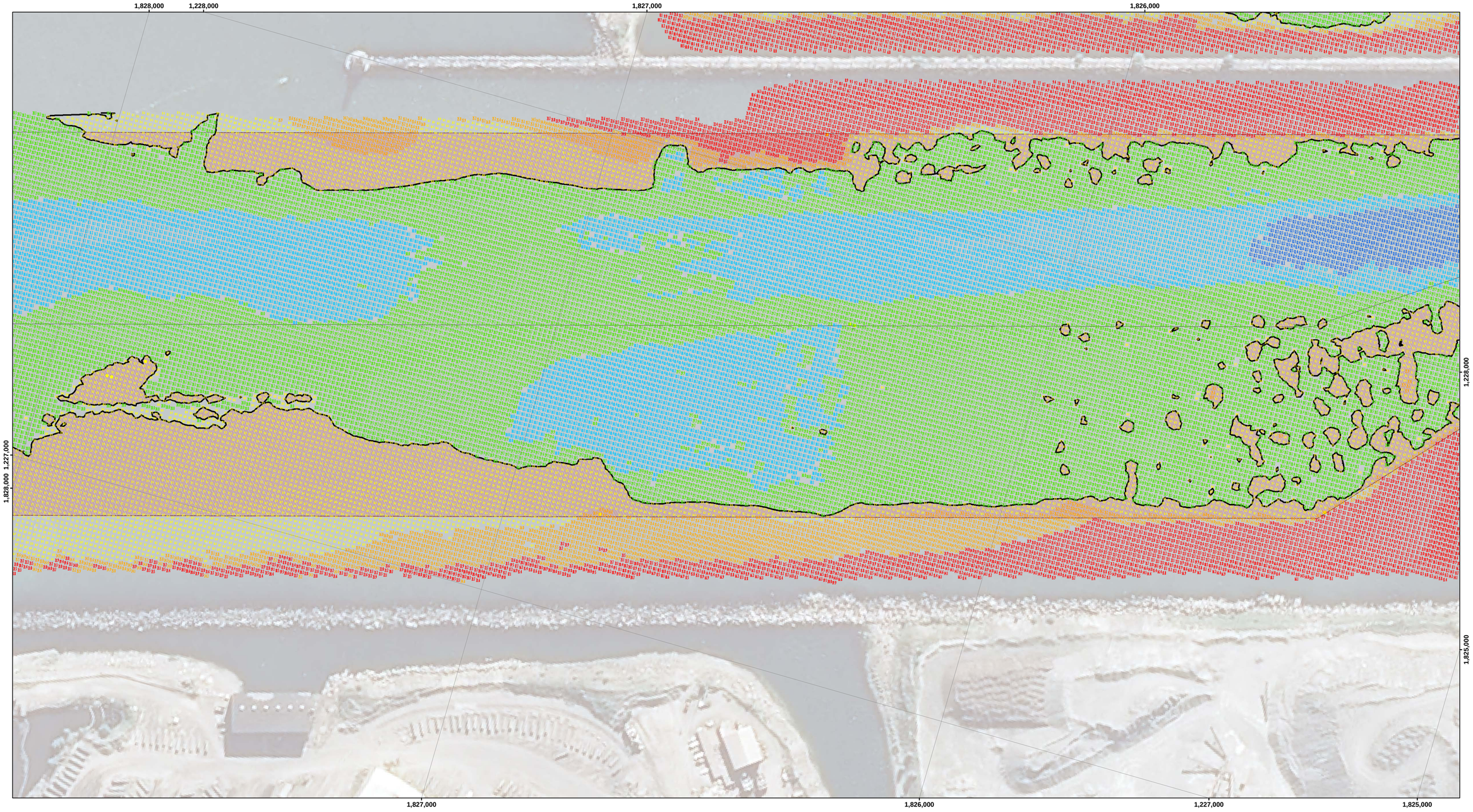
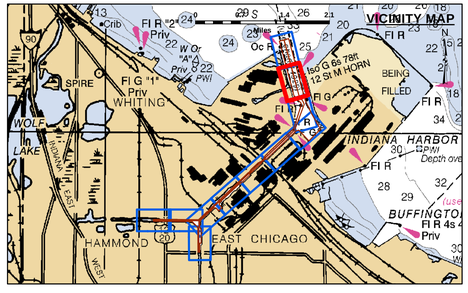
INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
1 of 11

Revison Number: 3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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US Army Corps of Engineers
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Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ermis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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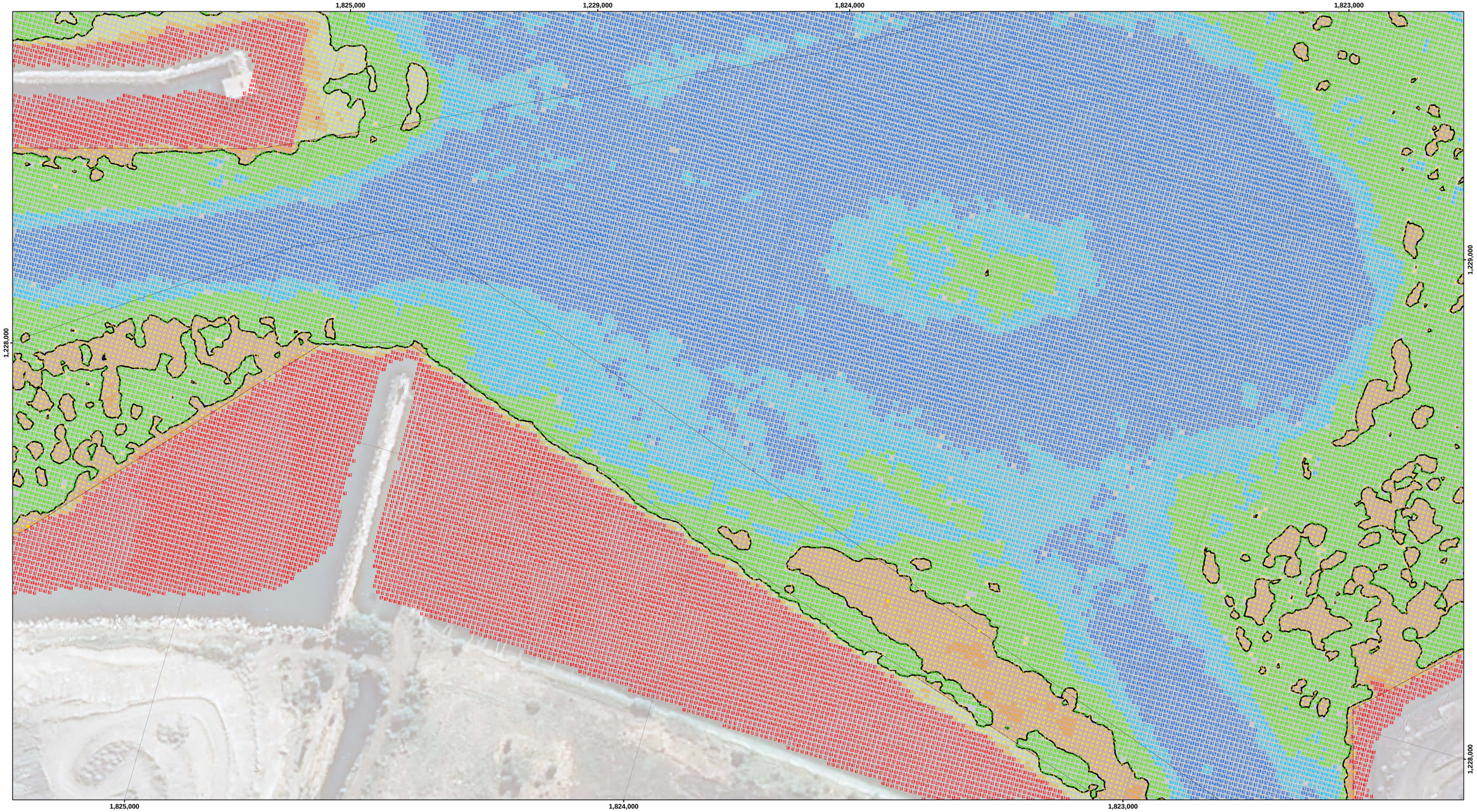
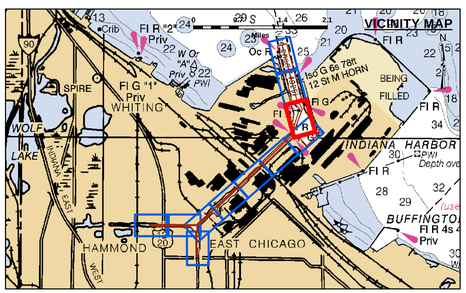
U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
2 of 11

Revison Number:
3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

4+ Feet Above Authorized Channel Depth
2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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Mapping: JD Ermis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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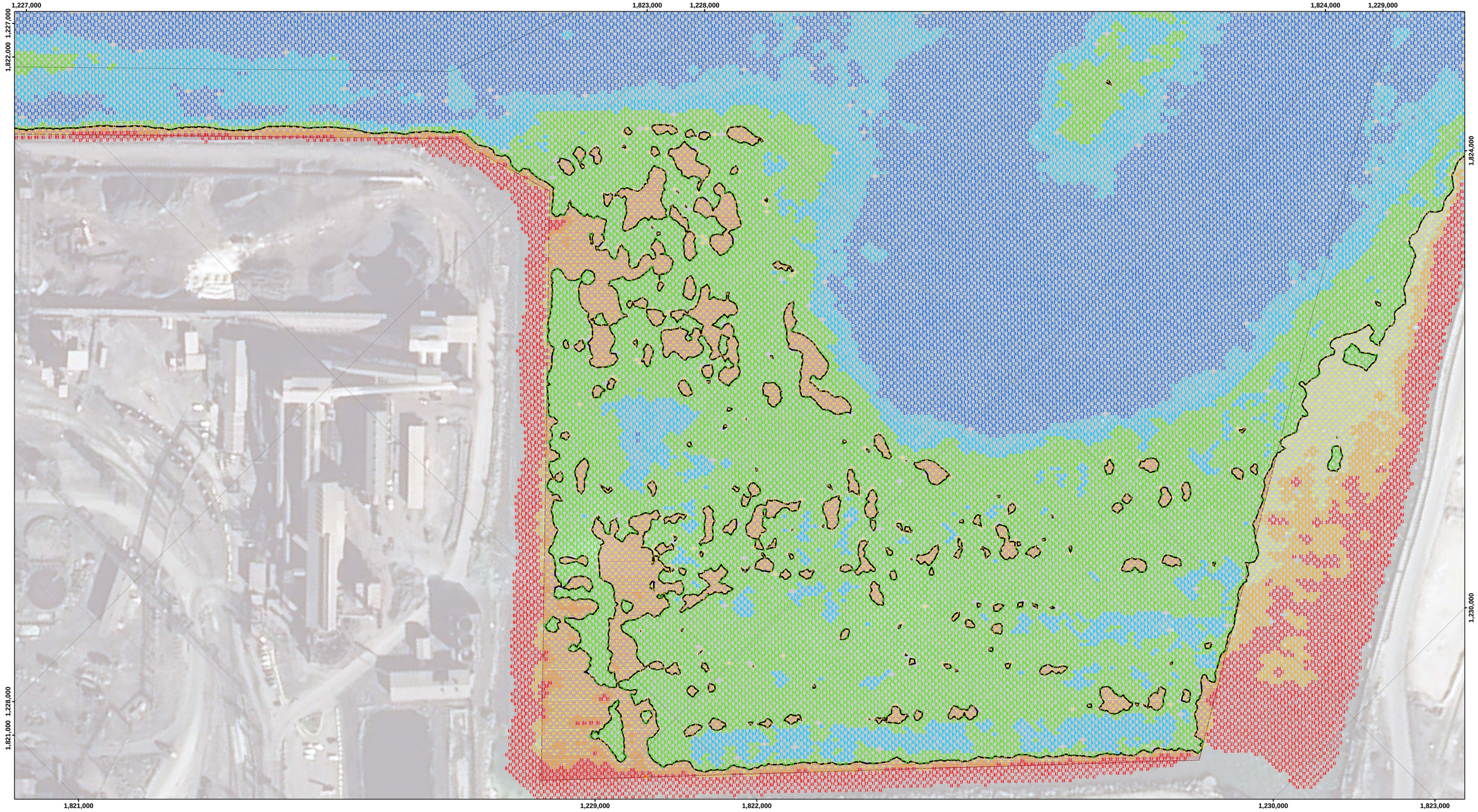
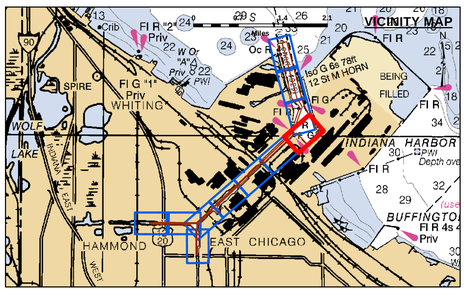
U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
3 of 11

Revison Number:
3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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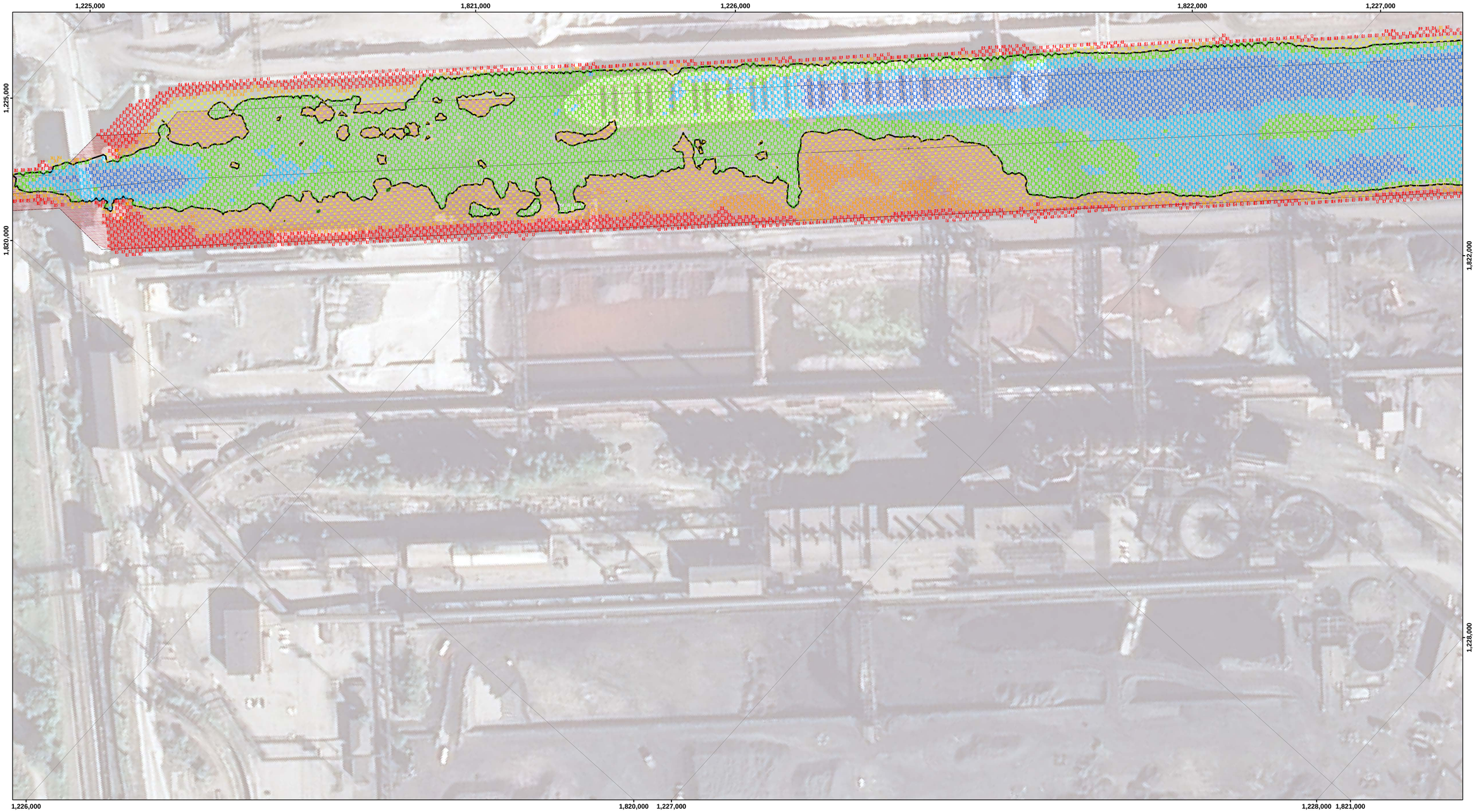
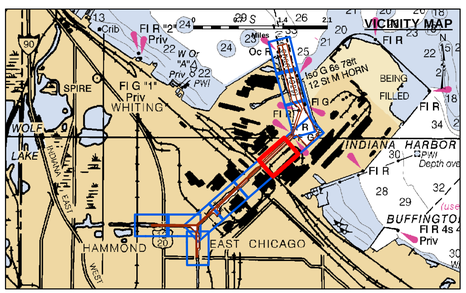
INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
4 of 11

Revison Number:
3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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- Obstruction Point
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2-4 Feet Above Authorized Channel Depth
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0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

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29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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Jim Mrozek, Detriot District
Mapping:
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Reviewed by:
Phil Horstman, Chicago District
Path:
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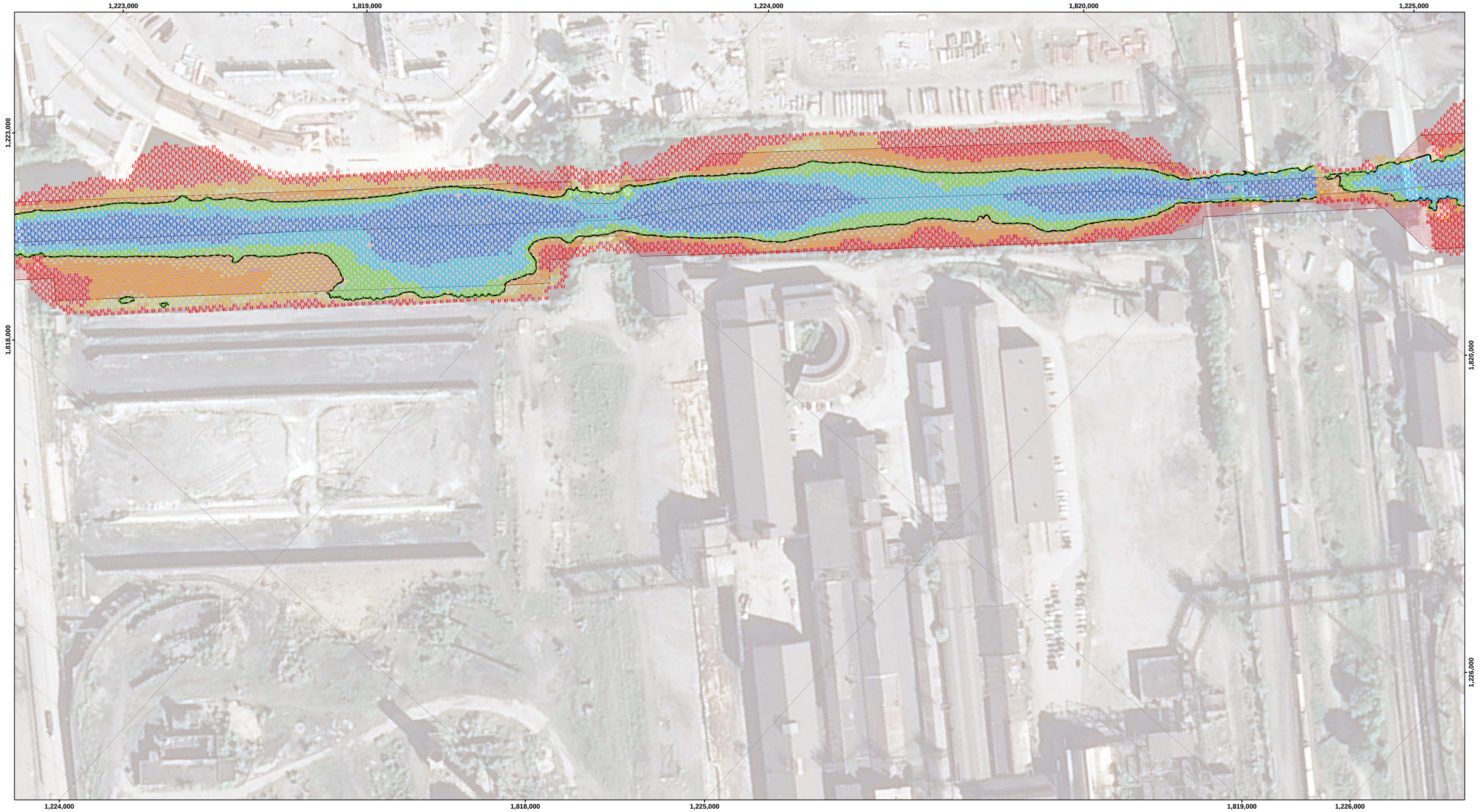
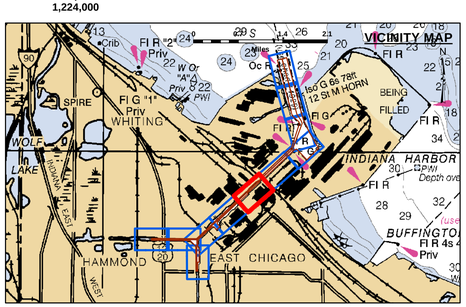
U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
5 of 11

Revison Number:
3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Placement Area
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4+ Feet Above Authorized Channel Depth
2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

Feet
0 100 200

NOTES:

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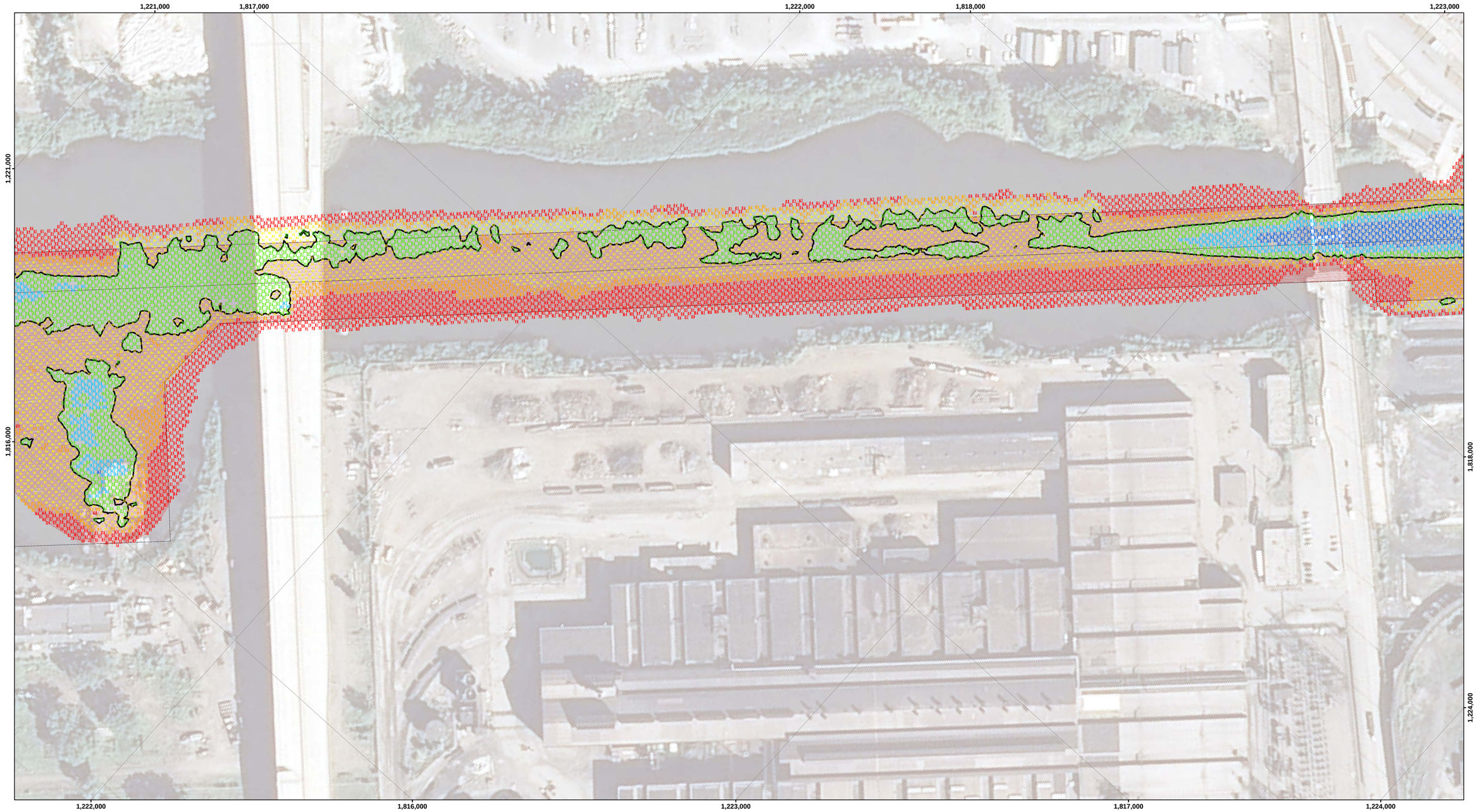

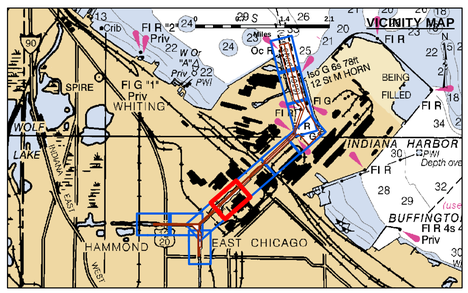

LEGEND

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- Federal Navigation Center Line
- Cable Submarine
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2-4 Feet Above Authorized Channel Depth
0-2 Feet Above Authorized Channel Depth
0-2 Feet Below Authorized Channel Depth
2-4 Feet Below Authorized Channel Depth
4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N E S W

Feet
0 100 200

NOTES:

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

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Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
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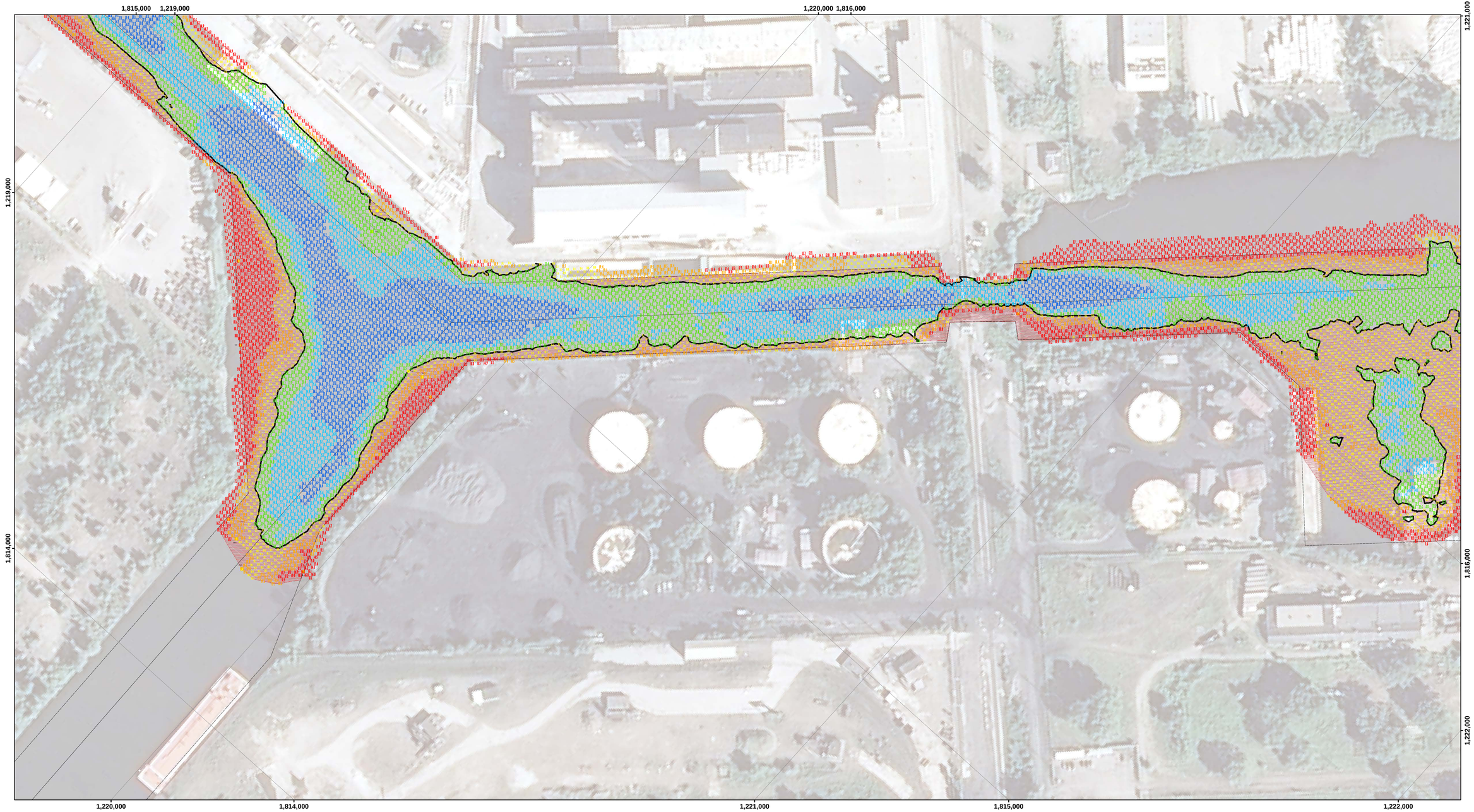
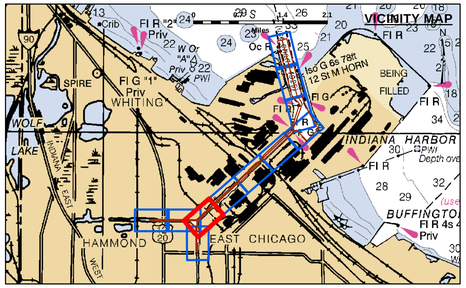
Revison Number: 3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

- 4+ Feet Above Authorized Channel Depth
- 2-4 Feet Above Authorized Channel Depth
- 0-2 Feet Above Authorized Channel Depth
- 0-2 Feet Below Authorized Channel Depth
- 2-4 Feet Below Authorized Channel Depth
- 4+ Feet Below Authorized Channel Depth

UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

W N S E

Feet
0 100 200

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

Surveyed by: Jim Mrozek, Detriot District
Mapping: JD Ennis, Chicago District
Reviewed by: Phil Horstman, Chicago District
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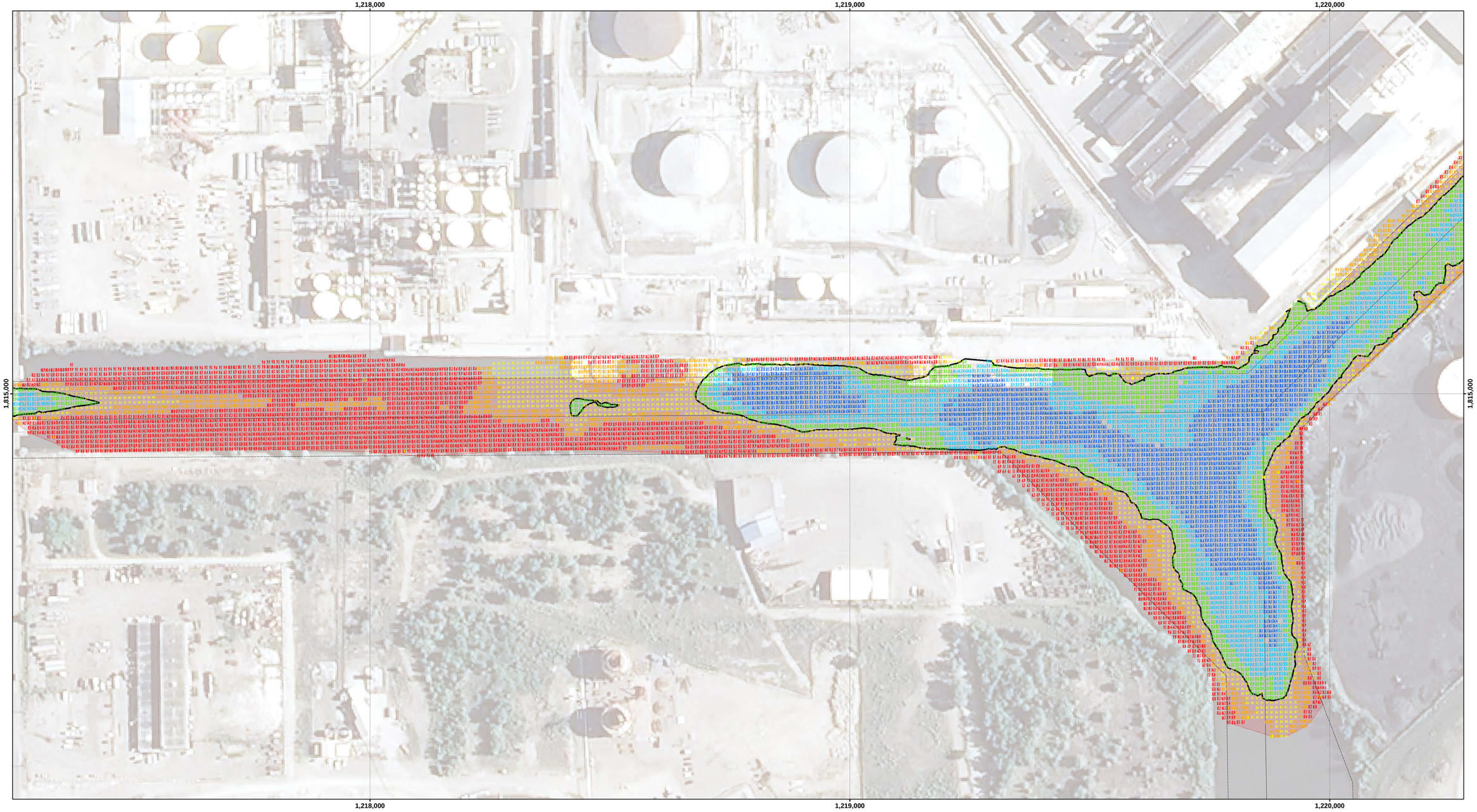
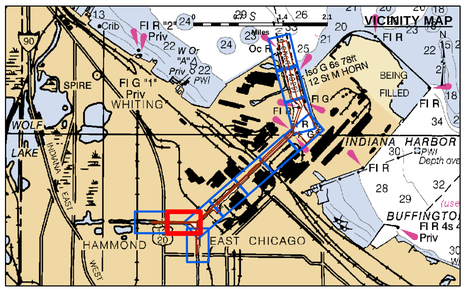
INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
8 of 11

Revison Number: 3.10.8-20160502





LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding**
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UNLESS OTHERWISE NOTED PROJECT DEPTH IS:
29.0' APPROACH CHANNEL
28.0' TURNING BASIN
27.0' INNER HARBOR
22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N W E S

Feet
0 100 200

NOTES:

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Reviewed by: Phil Horstman, Chicago District
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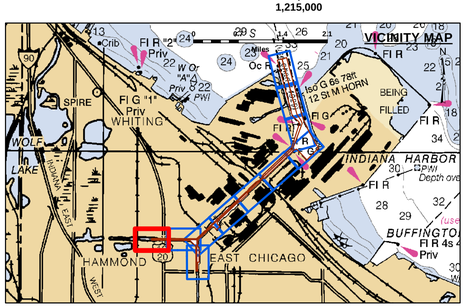
U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

INDIANA HARBOR
CONDITION SURVEY
17 April 2017

Sheet Reference Number
9 of 11

Revison Number: 3.10.8-20160502



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
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N W E S

Feet
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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

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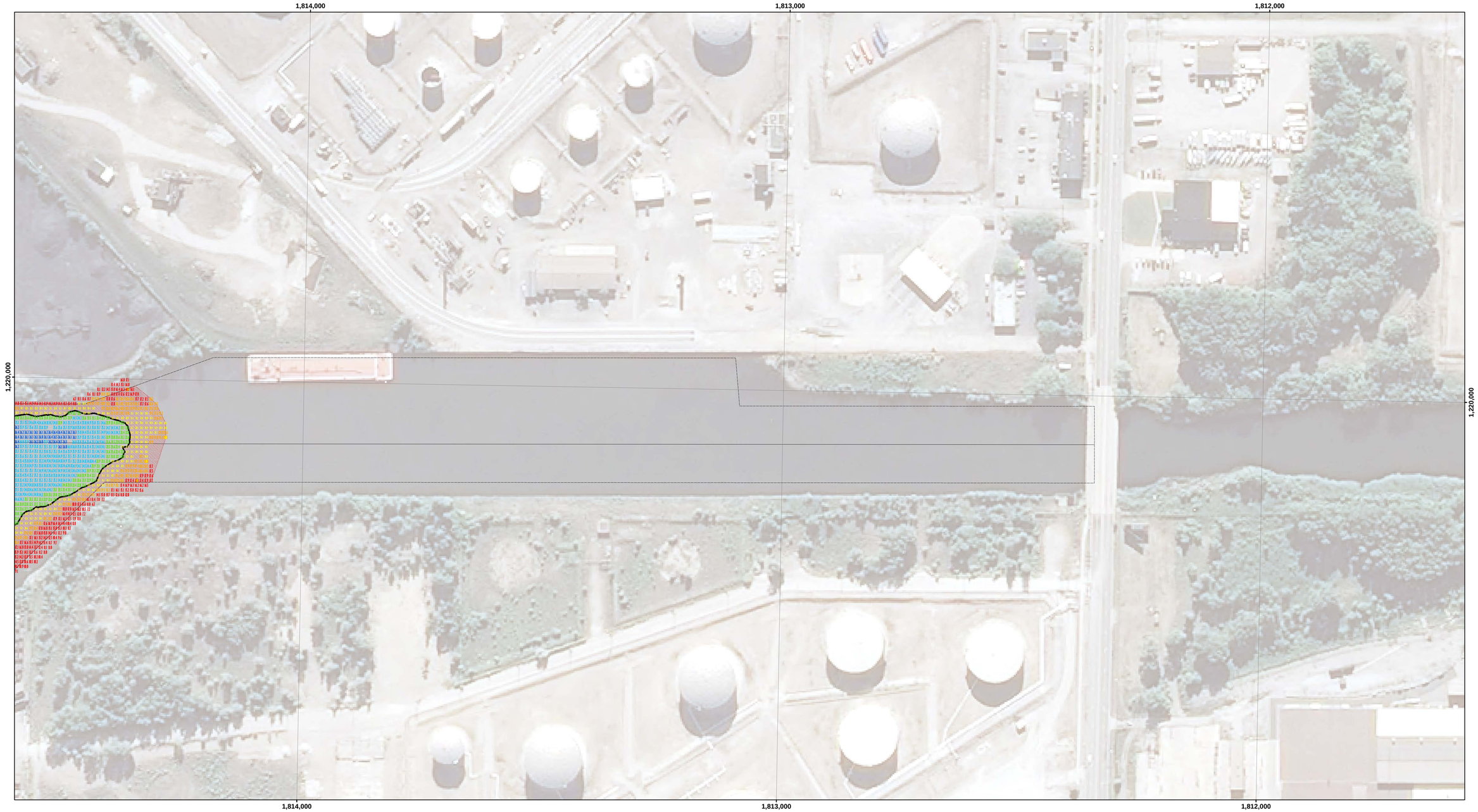

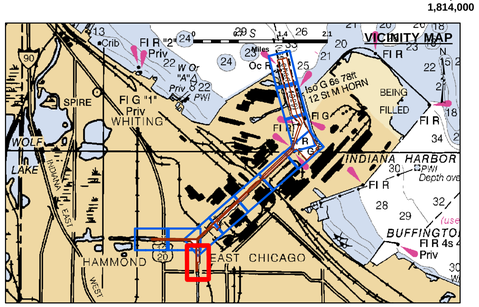

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
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22.0' CANEL
DEPTH BELOW LOW WATER DATUM (LWD)

N W E S

Feet
0 100 200

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U.S. ARMY ENGINEER CORPS OF ENGINEERS CHICAGO, ILLINOIS

INDIANA HARBOR
CONDITION SURVEY
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