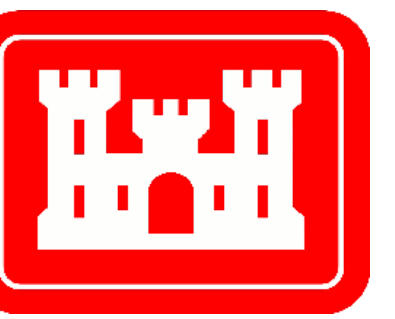
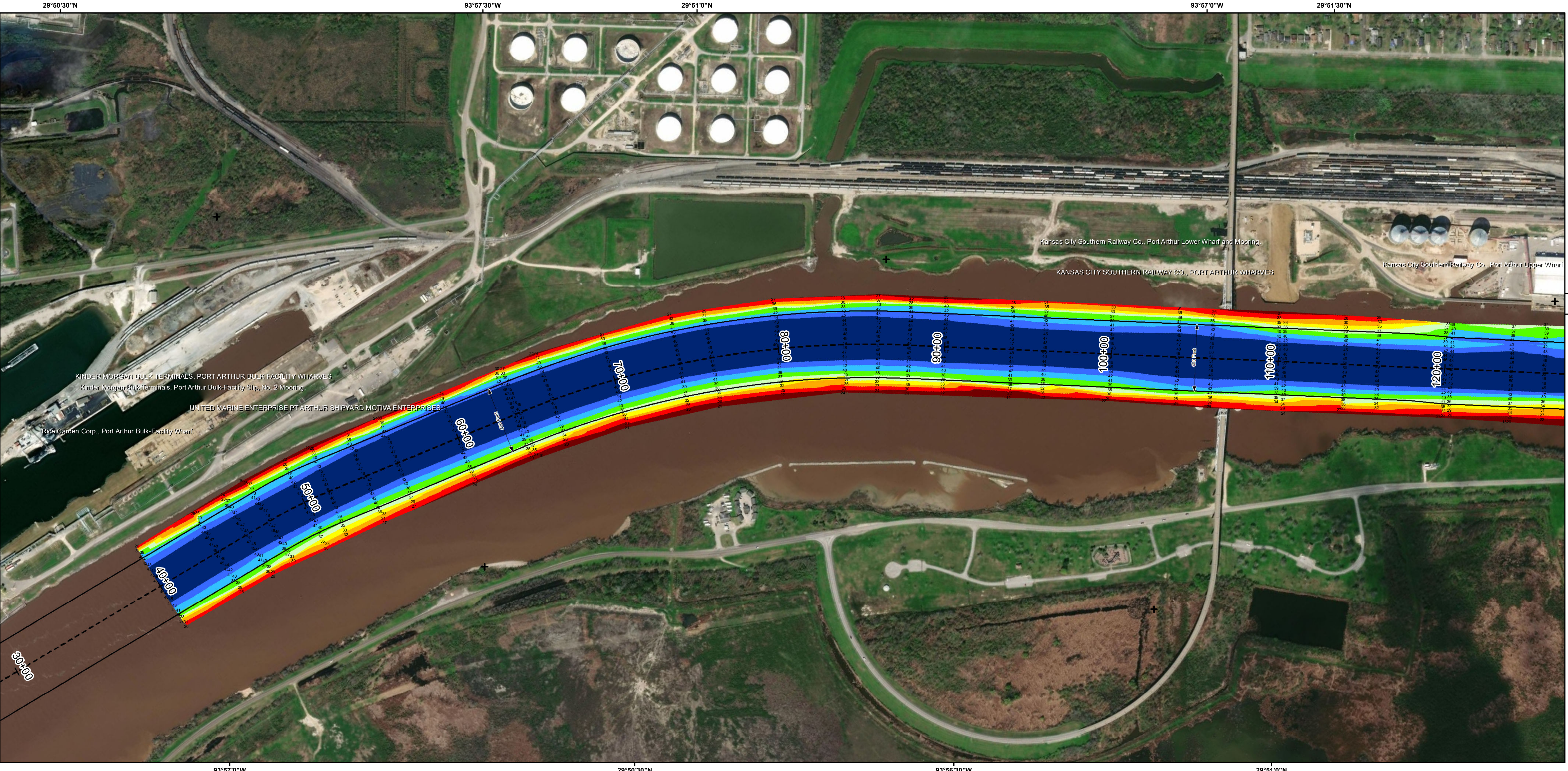


# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



U.S. Army Corps of Engineers  
Galveston District



**Channel Features**

- Channel Toe
- Channel Center Line
- Channel Station Lines
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 25, 25 - 30, 30 - 34, 34 - 36, 36 - 38, 38 - 40, 40 - 42, 42 - 44, < 44

**NOAA Bathymetry (DREDGING REACH EXTENT)**

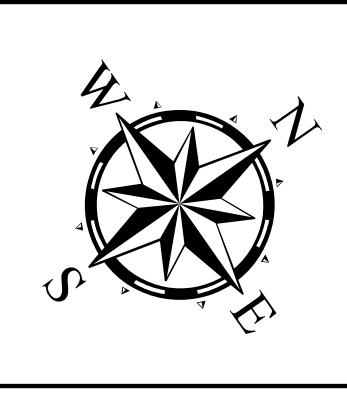
0 - 10, 10 - 15, 15 - 20, 20 - 25, 25 - 30, 30 - 50

**NOTES:**

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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet  
Projection: Lambert Conformal Conic /Datum: North American 1983

**Dredging Reach Extent**

0 0.375 0.75 1.5 Miles

**Hydrographic Survey Extent**

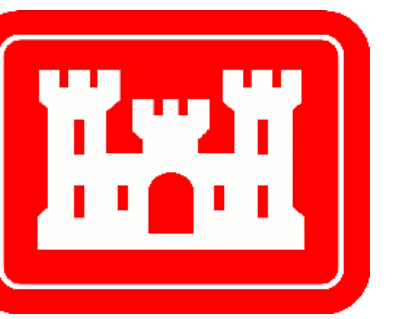
0 305 610 1,220 Feet

Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 24 of 74	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:3,500	Print Date: 9/16/2019
Mapped by: m3odnm/m	
Additional Info:	

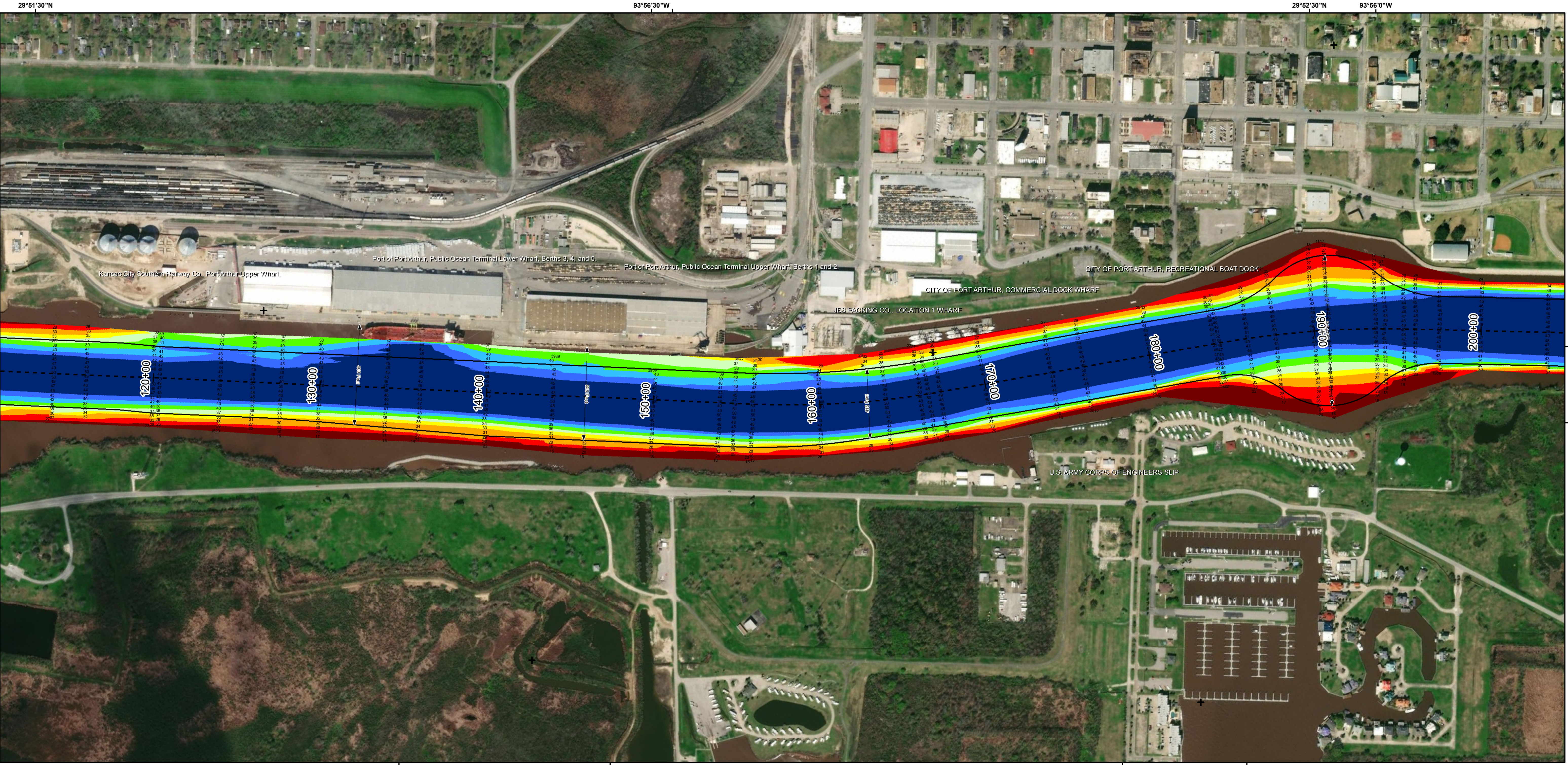
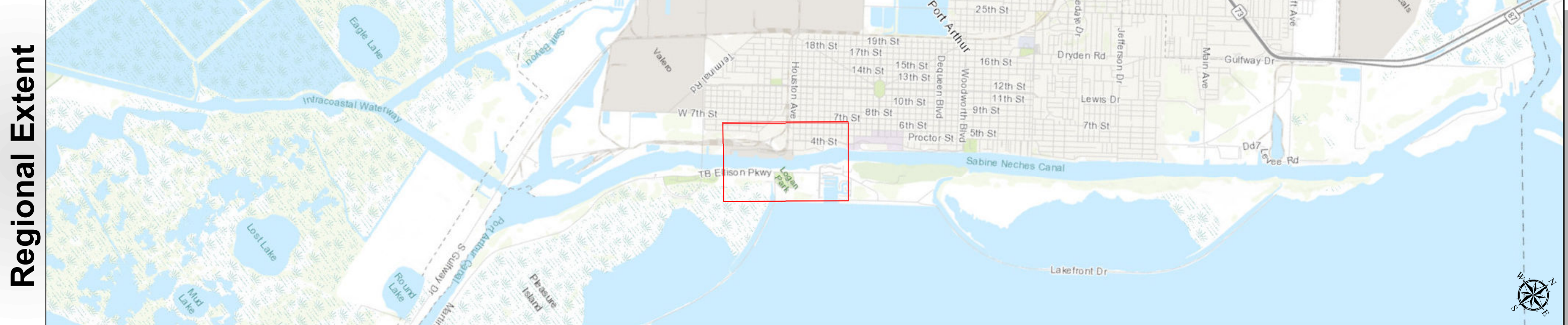
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



U.S. Army Corps of Engineers  
Galveston District

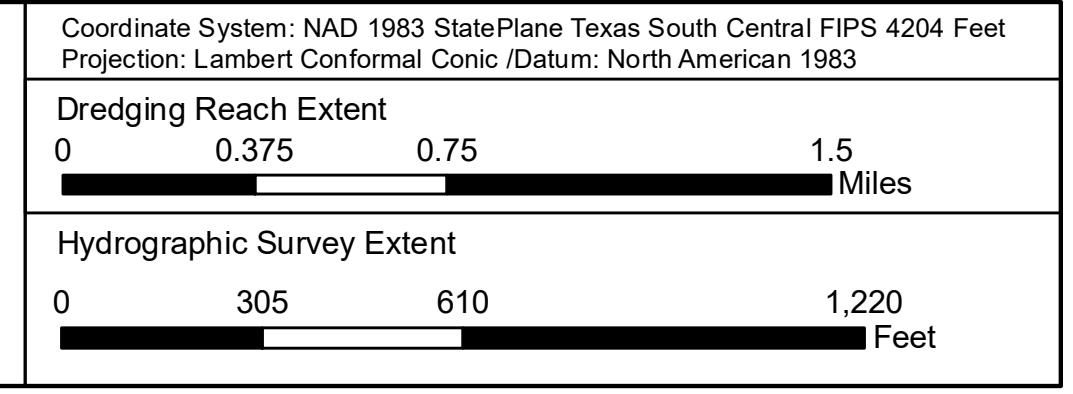
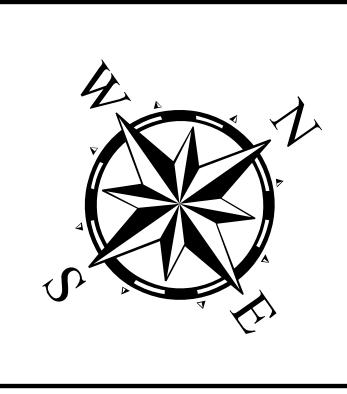


Channel Features	Aids to Navigation	MLLW
— Channel Toe	Green Side Aids	0 - 25
- - - Channel Center Line	Red Side Aids	25 - 30
— Channel Station Lines	Lights	30 - 34
↔ Channel Dimensions		34 - 36
		36 - 38
		38 - 40
		40 - 42
		42 - 44
		< 44
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

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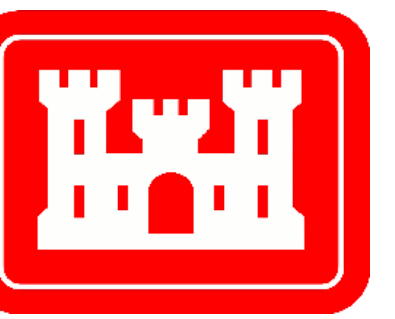


Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 25 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmnm	Print Date: 9/16/2019
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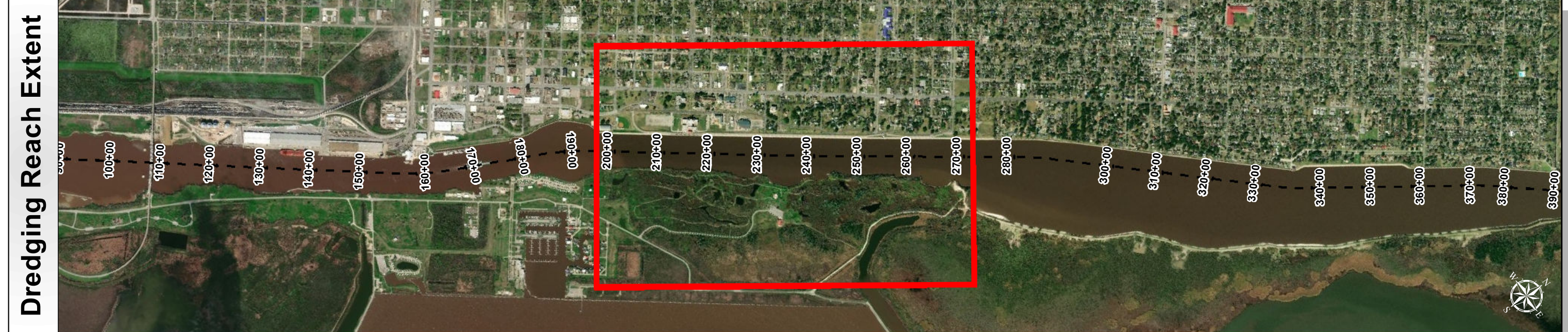
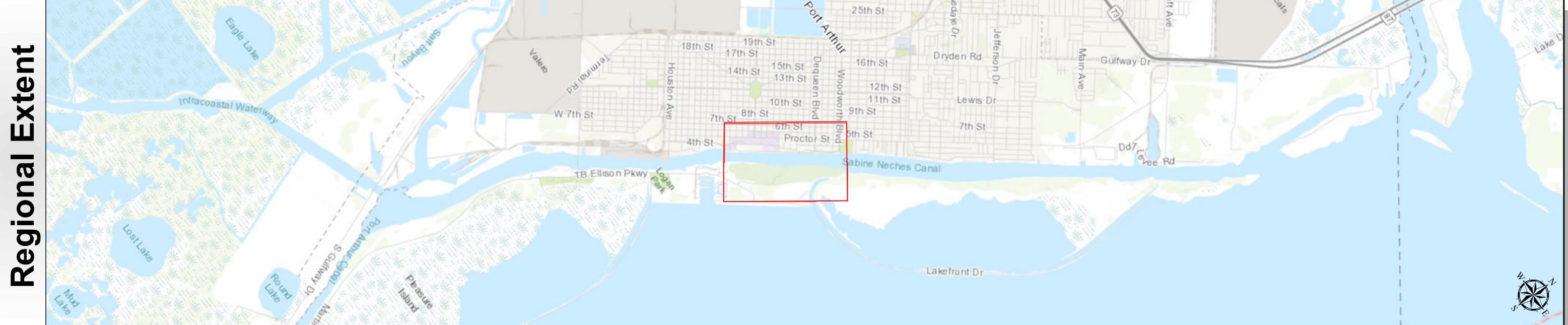
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



U.S. Army Corps of Engineers  
Galveston District



**Channel Features**

- Channel Toe
- Channel Center Line
- Channel Station Lines
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 25	25 - 30	30 - 34	34 - 36	36 - 38	38 - 40	40 - 42	42 - 44	< 44
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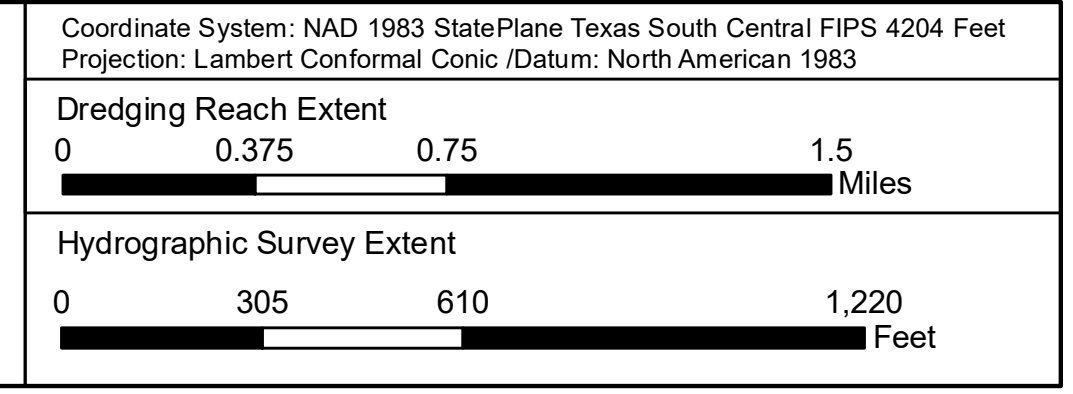
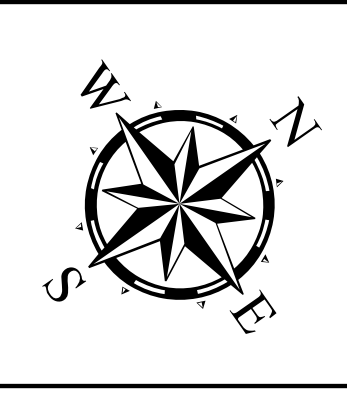
**NOAA Bathymetry (DREDGING REACH EXTENT)**

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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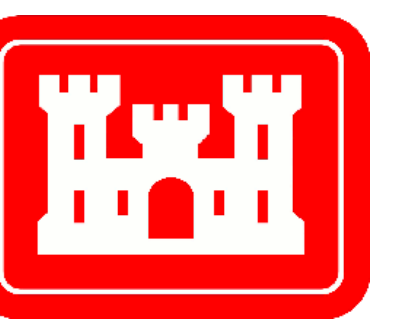


Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 26 of 74	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:3,500	Print Date: 9/16/2019
Mapped by: m3odnm/m	
Additional Info:	

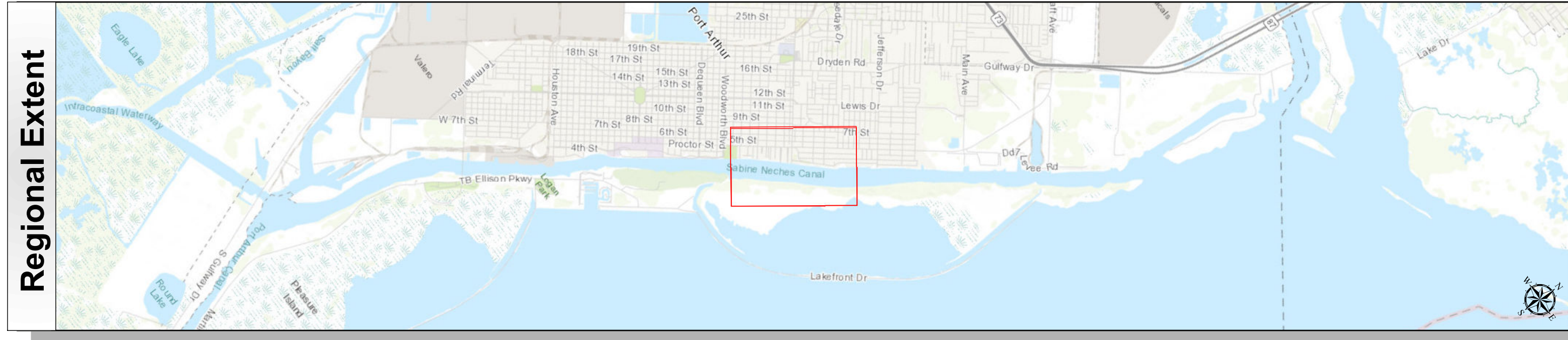
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

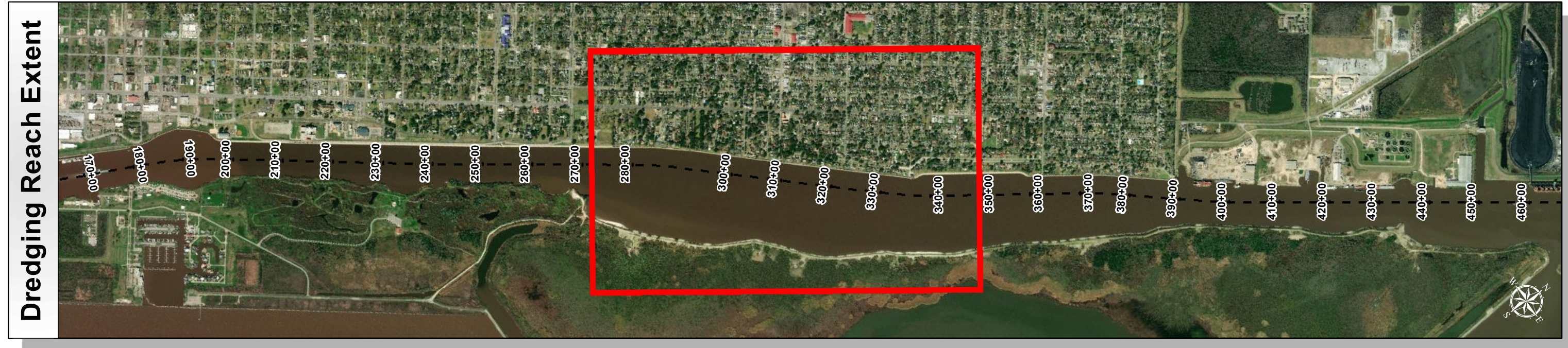
# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



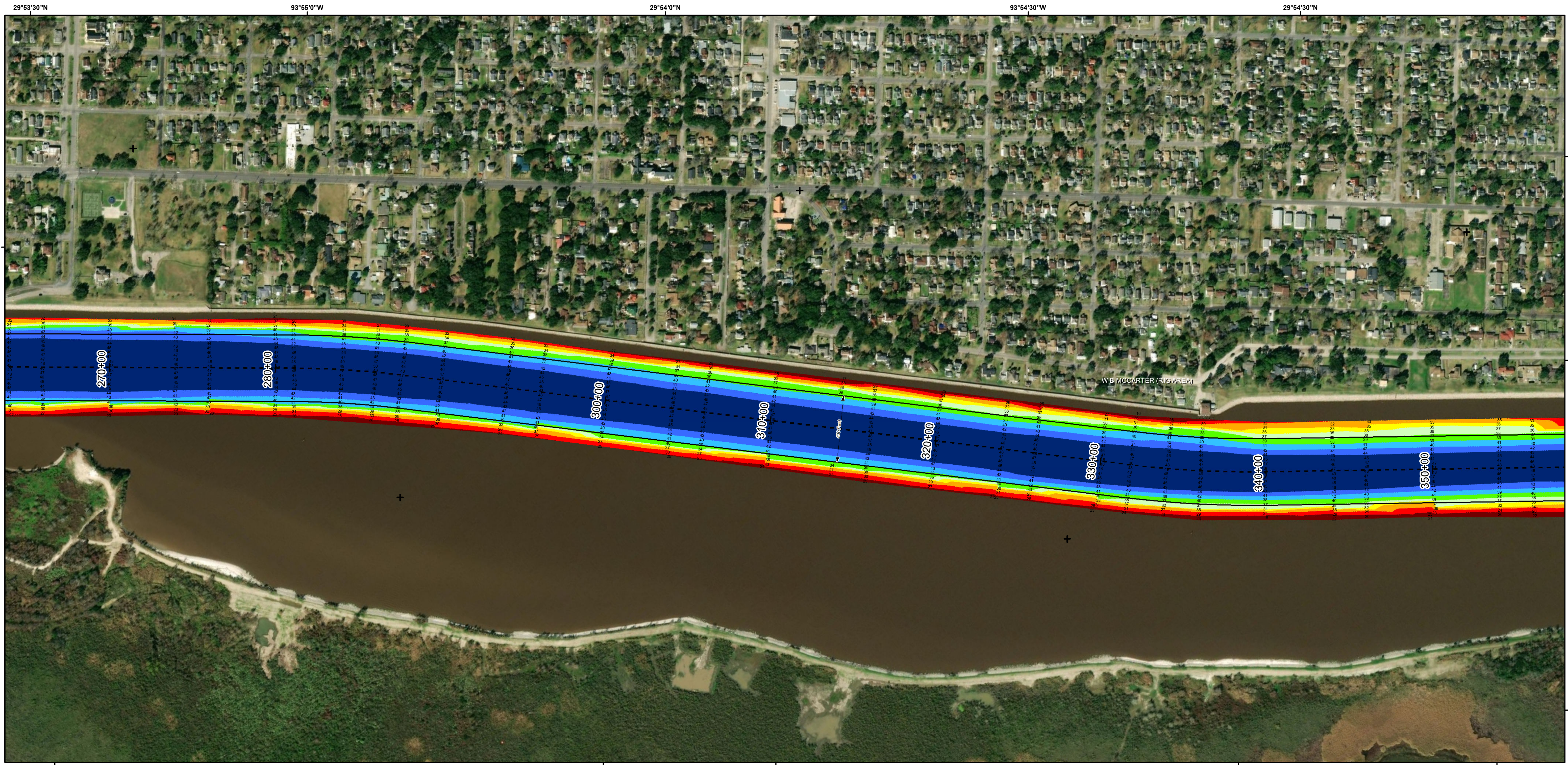
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



**Channel Features**

- Channel Toe
- Channel Center Line
- Channel Station Lines
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

**MLLW**

0 - 25  
25 - 30  
30 - 34  
34 - 36  
36 - 38  
38 - 40  
40 - 42  
42 - 44  
< 44

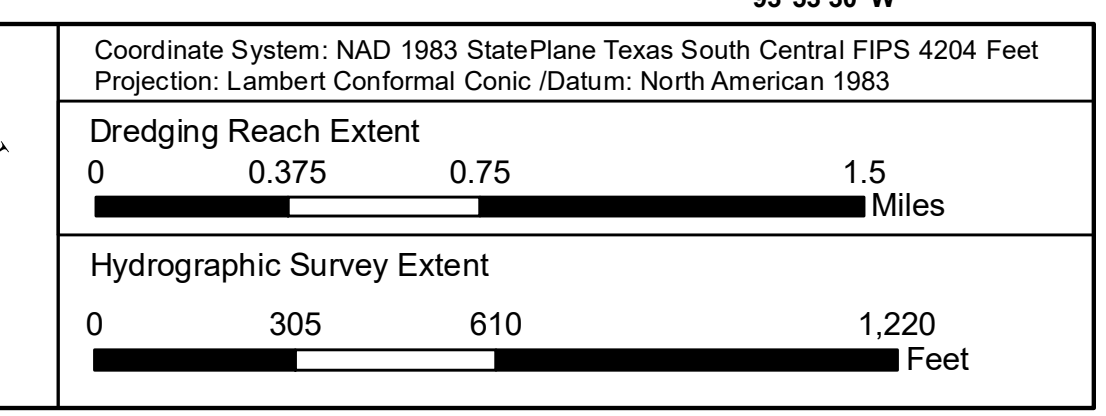
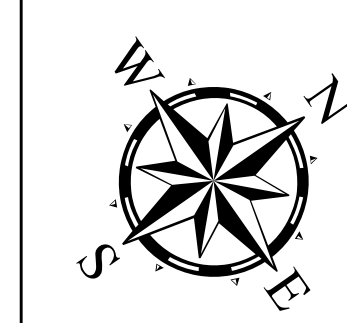
**NOAA Bathymetry (DREDGING REACH EXTENT)**

0 - 10   10 - 15   15 - 20   20 - 25   25 - 30   30 - 50

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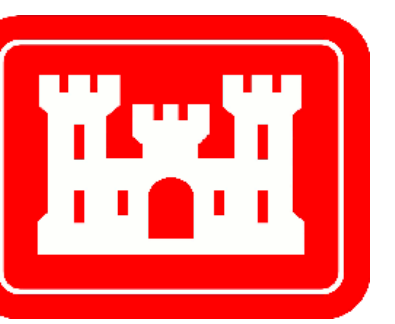


Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 27 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odmnm	Print Date: 9/16/2019
Additional Info:	

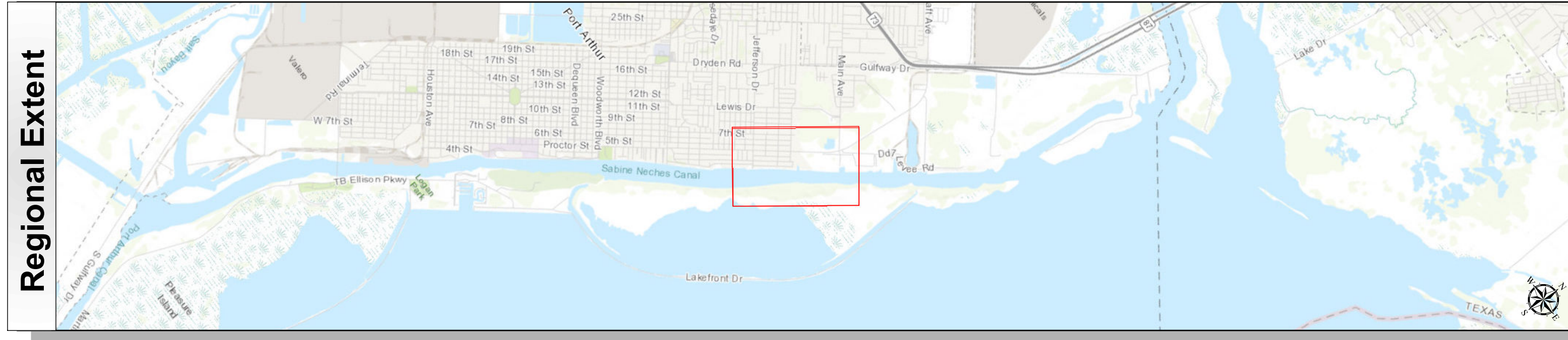
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



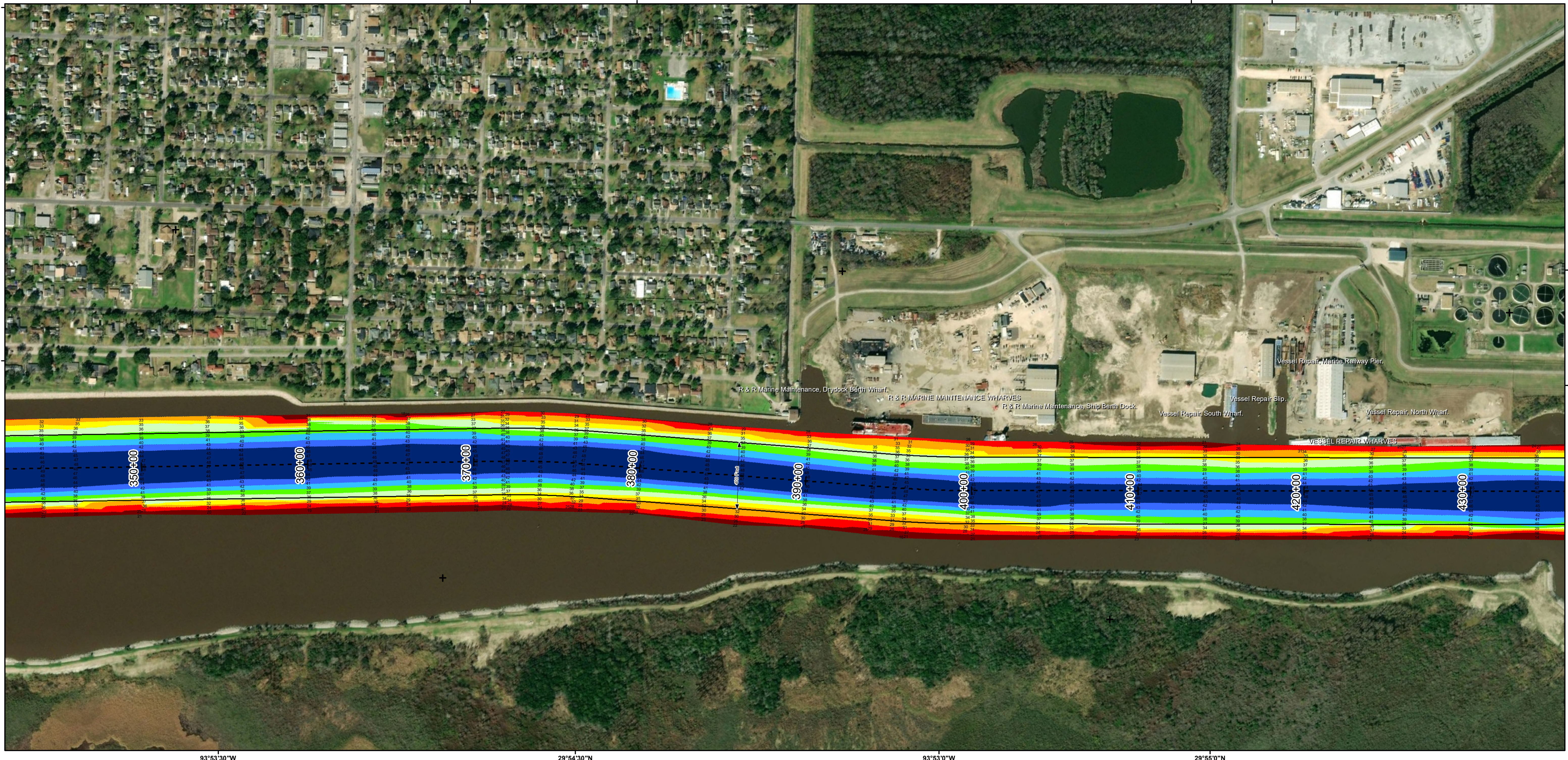
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



29°54'30"N

93°54'0"W

93°53'30"W

93°54'0"W

29°55'0"N

93°53'30"W

29°55'30"N

93°53'0"W

29°55'30"N

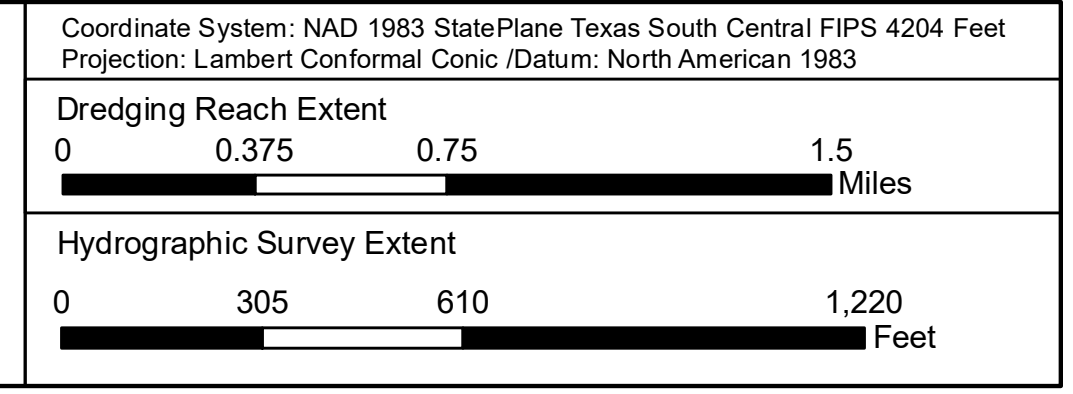
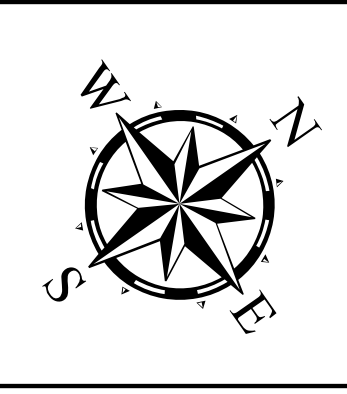
Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> <li>Channel Toe</li> <li>Channel Center Line</li> <li>Channel Station Lines</li> <li>Channel Dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Green Side Aids</li> <li>Red Side Aids</li> <li>Lights</li> </ul>	<p>NOAA Bathymetry (DREDGING REACH EXTENT)</p>

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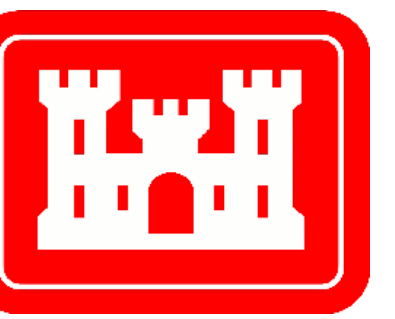


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Page: 28 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	Additional Imagery: © DigitalGlobe Inc.
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Additional Info:	

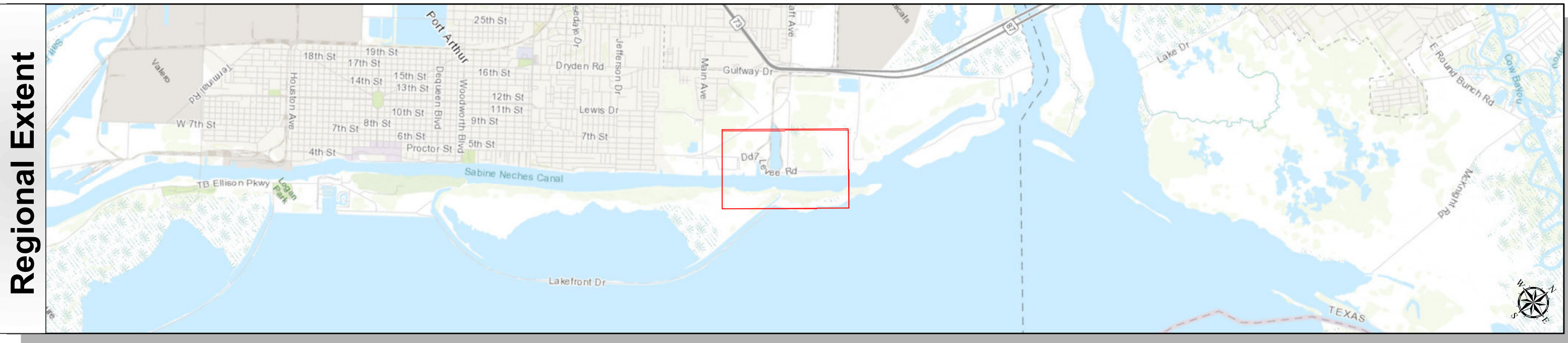
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
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**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

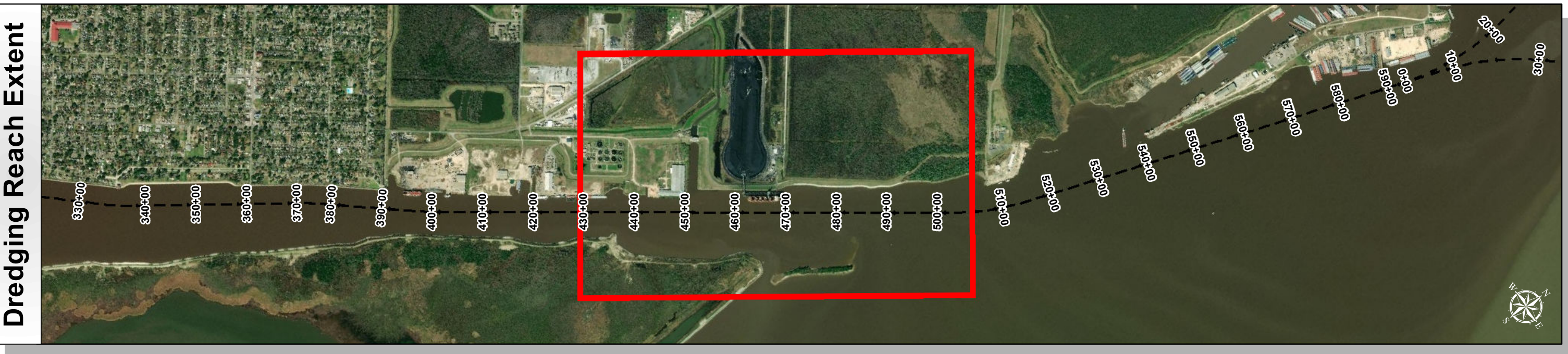
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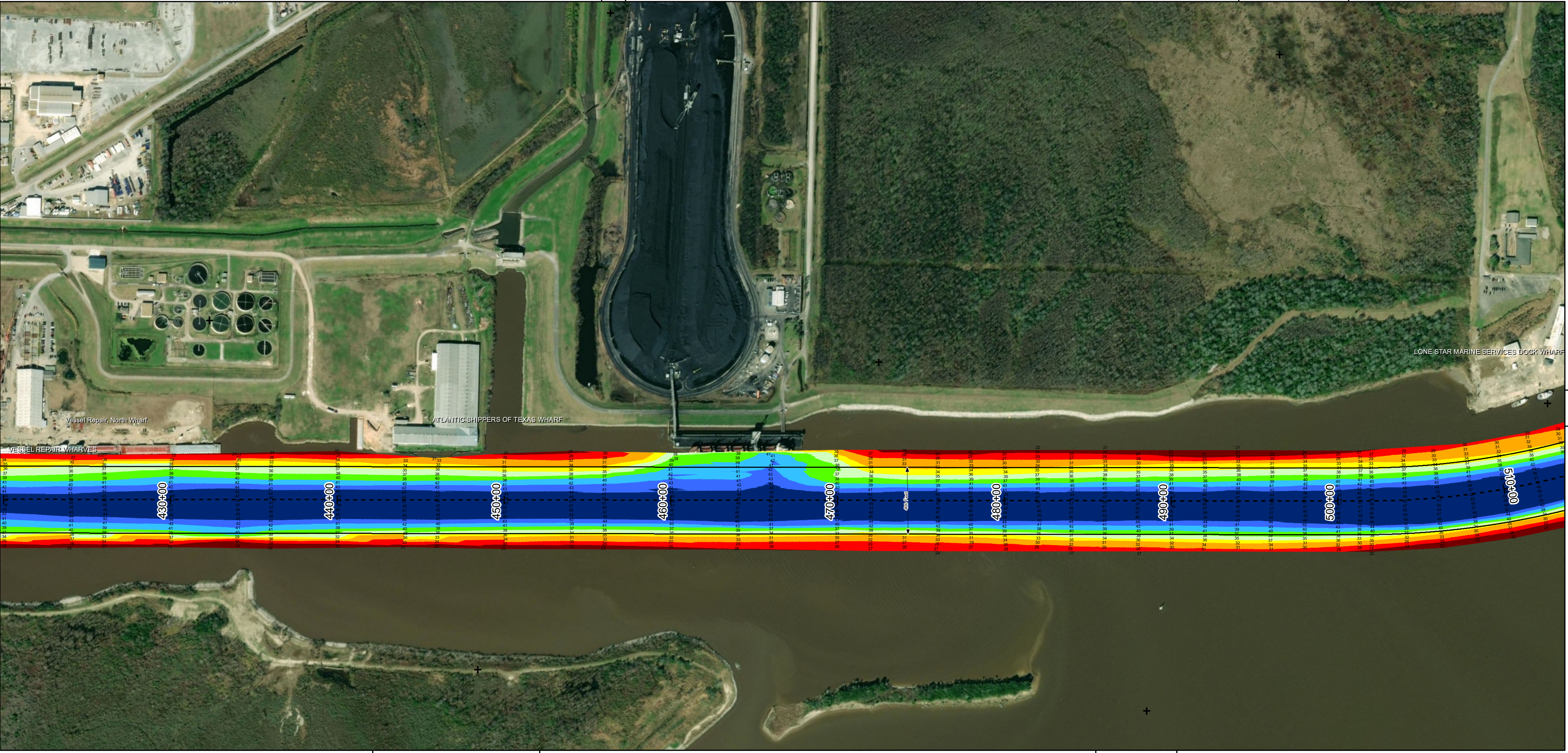
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent

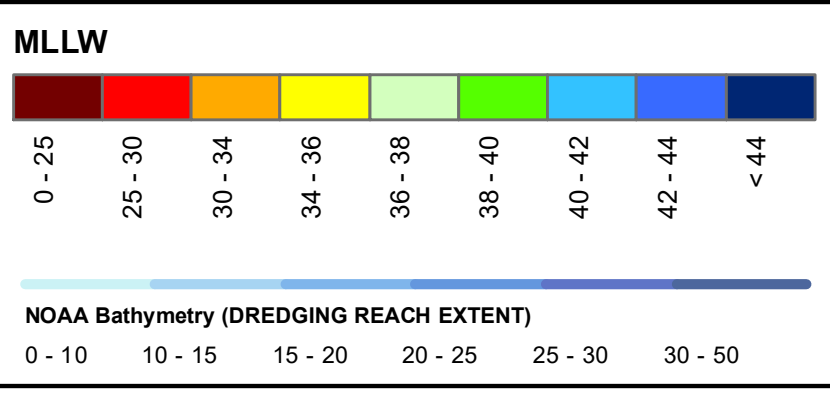


**Channel Features**

- Channel Toe
- Channel Center Line
- Channel Station Lines
- Channel Dimensions

**Aids to Navigation**

- Green Side Aids
- Red Side Aids
- Lights

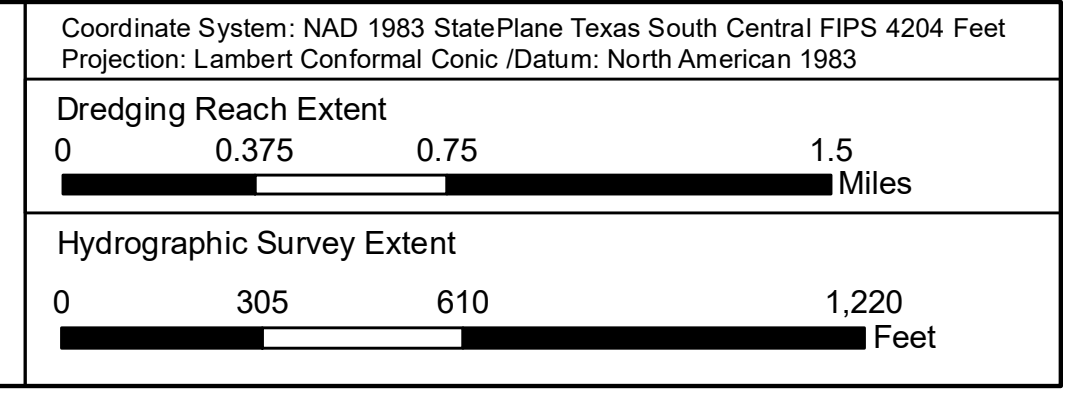
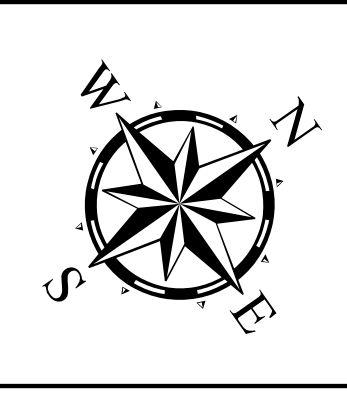


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- THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325
- FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [HTTP://WWW.SWG.USACE.ARMY.MIL/MISSIONS/NAVIGATION/HYDROGRAPHICS/SURVEYS/](http://www.swg.usace.army.mil/missions/navigation/hydrographics/surveys/)
- NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/OCEAN SURVEY, AVAILABLE FROM THE NATIONAL GEOPHYSICAL DATA CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.

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Sources: Esri, HERE, Garmin, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community  
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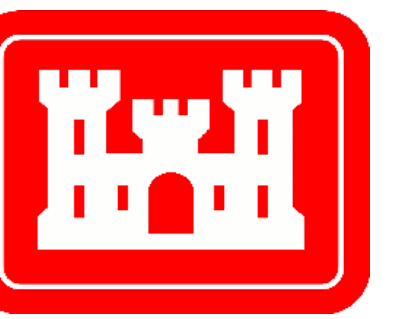


Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 29 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	Map: Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnmjg	Print Date: 9/16/2019
Additional Info:	

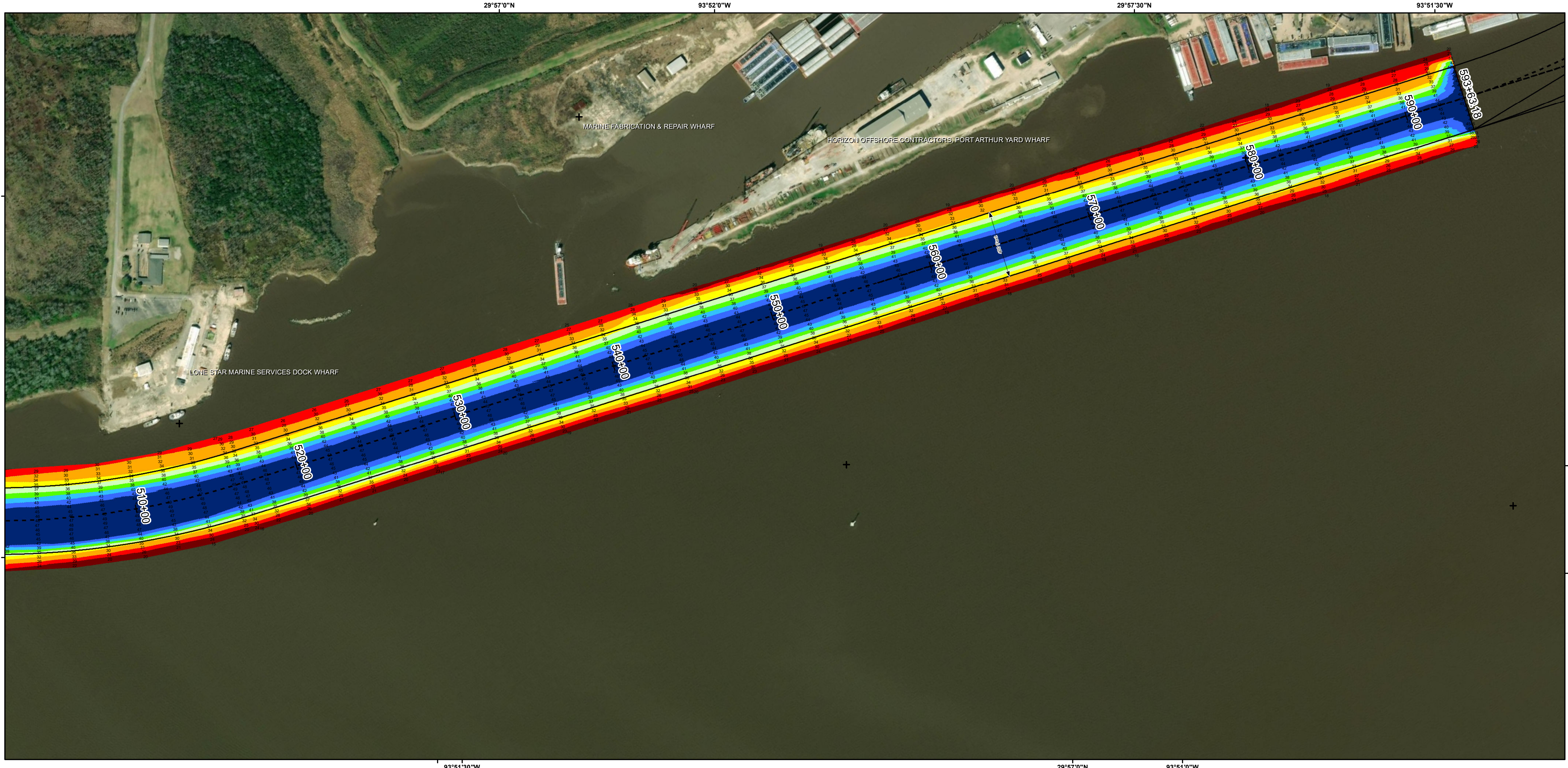
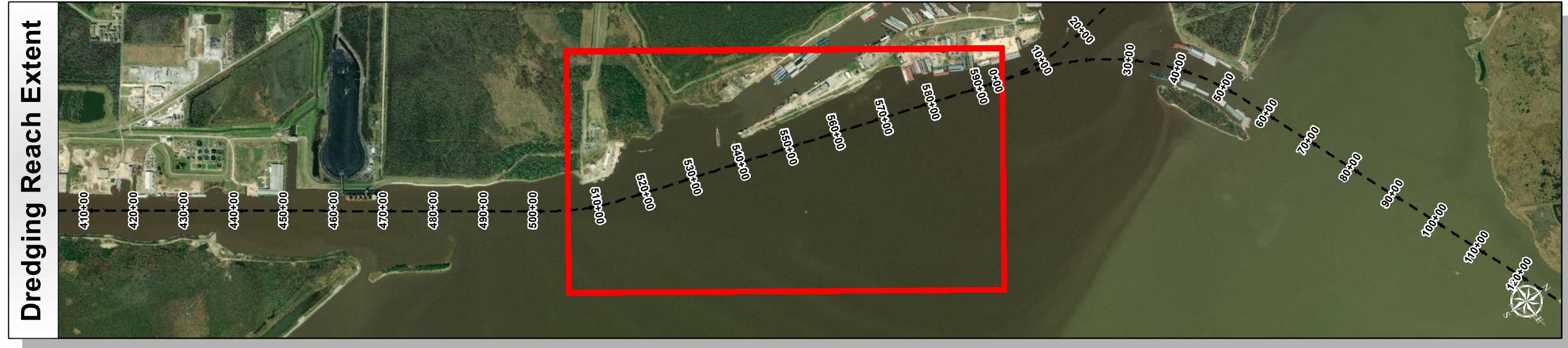
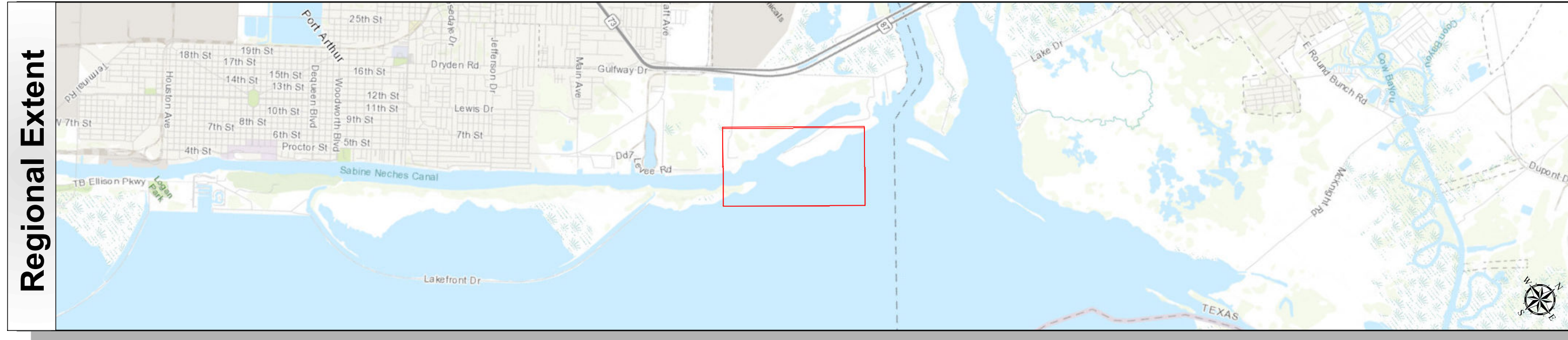
**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

**Station: 40+00 to 593+68.50**  
**SABINE NECHES**  
PORT ARTHUR, TEXAS

# Sabine Neches Waterway: Junction with Port Arthur Canal to Neches River



U.S. Army Corps of Engineers  
Galveston District



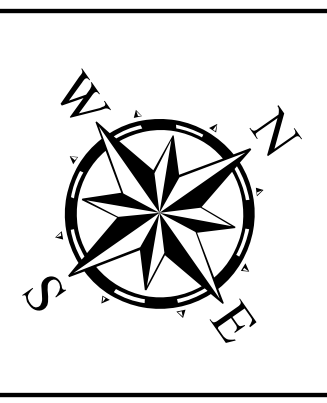
Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> <li>Channel Toe</li> <li>Channel Center Line</li> <li>Channel Station Lines</li> <li>Channel Dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Green Side Aids</li> <li>Red Side Aids</li> <li>Lights</li> </ul>	<p>0 - 25   25 - 30   30 - 34   34 - 36   36 - 38   38 - 40   40 - 42   42 - 44   &lt; 44</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <p>0 - 10   10 - 15   15 - 20   20 - 25   25 - 30   30 - 50</p>

**NOTES:**

- HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.
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Sources: Esri, HERE, Garmin, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community  
Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic /Datum: North American 1983	
Dredging Reach Extent	0   0.375   0.75   1.5 Miles
Hydrographic Survey Extent	0   305   610   1,220 Feet

Survey Date(s): 11 September 2019	Authorized Depth: -40ft.
Page: 30 of 74	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnmimg	Print Date: 9/16/2019
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