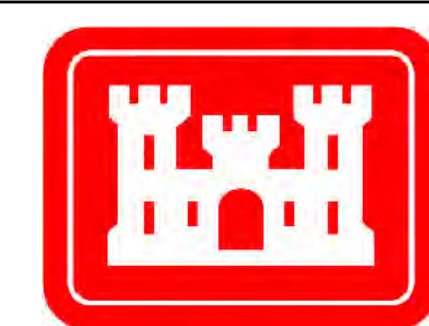
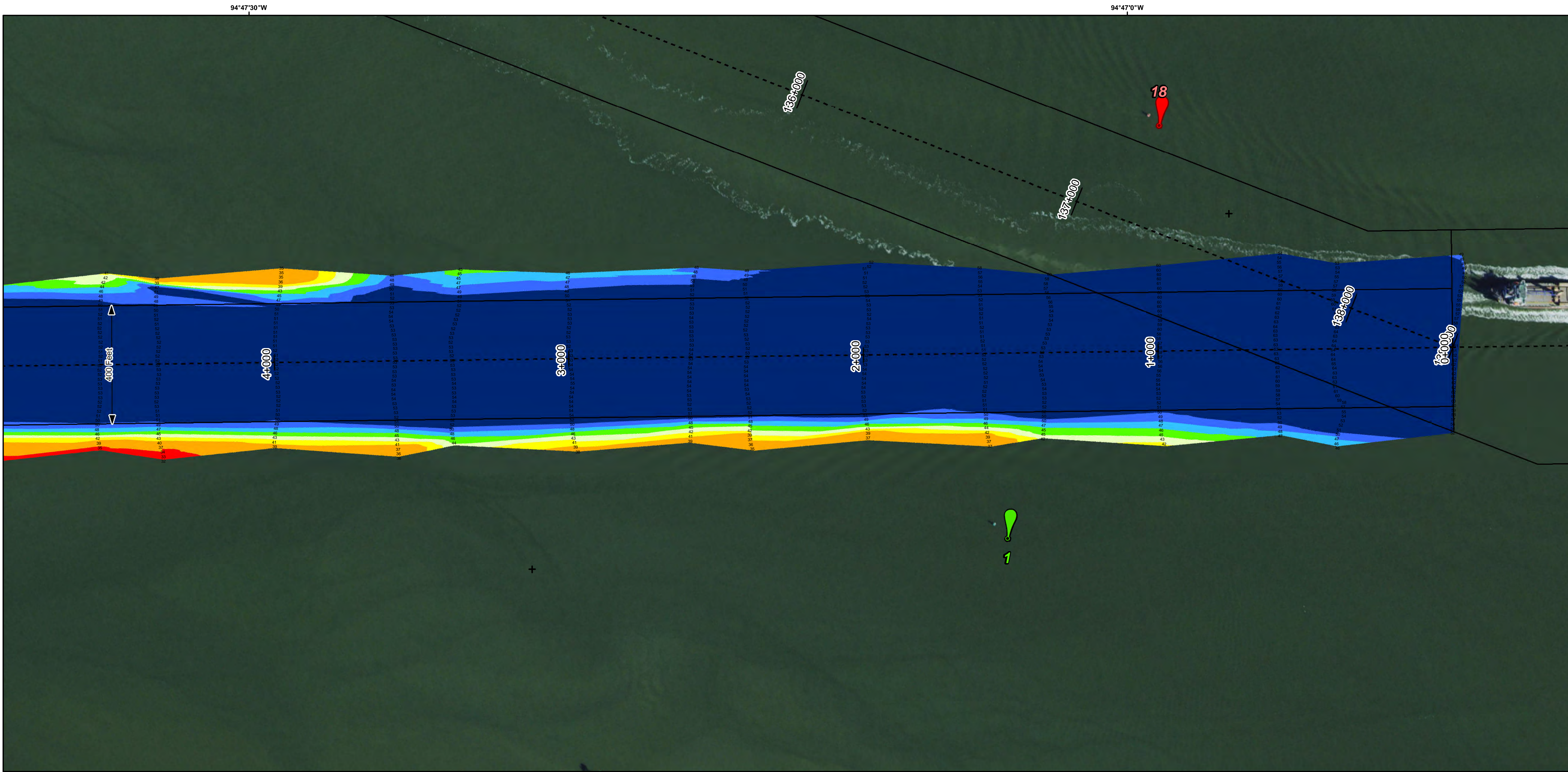
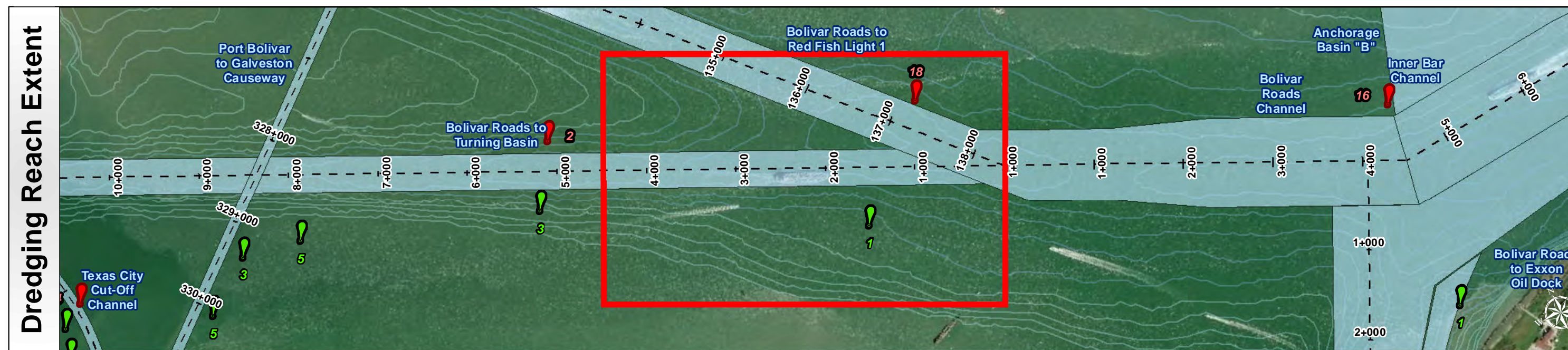


# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 1 of 12	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:2,000	Print Date: 4/8/2019
Mapped by: MSAOX PAC	Additional Info:

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 - 30</p> <p>30 - 35</p> <p>35 - 40</p> <p>40 - 42</p> <p>42 - 44</p> <p>44 - 46</p> <p>46 - 48</p> <p>48 - 50</p> <p>50+</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <p>0 - 10   10 - 15   15 - 20   20 - 25   25 - 30   30 - 50</p>

NOTES:

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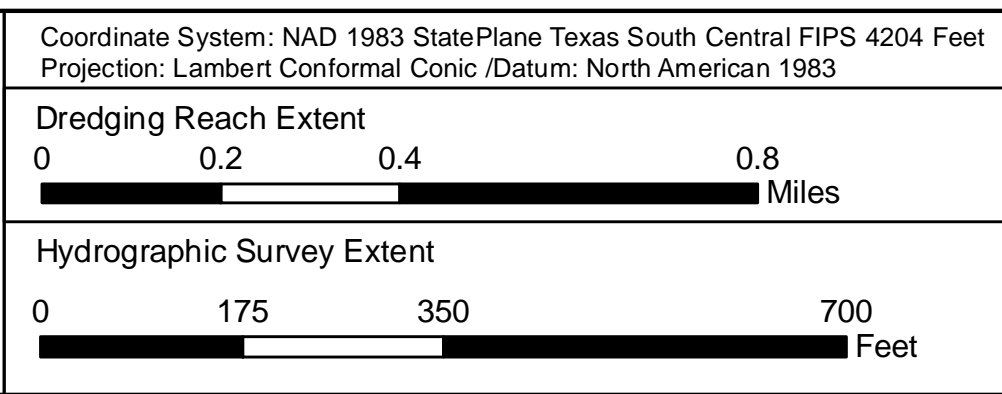
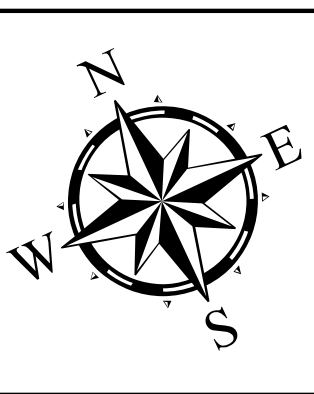
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**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

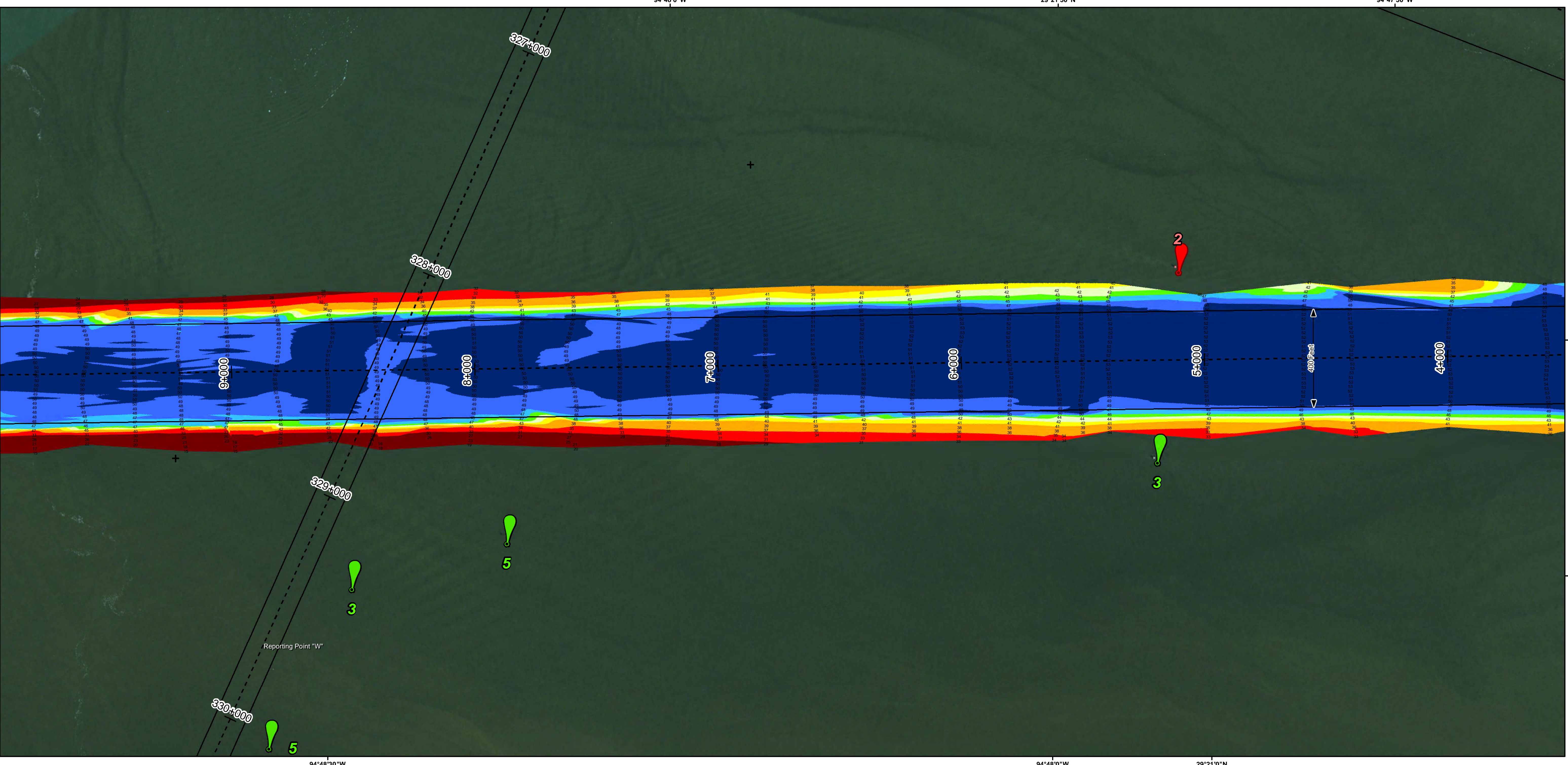
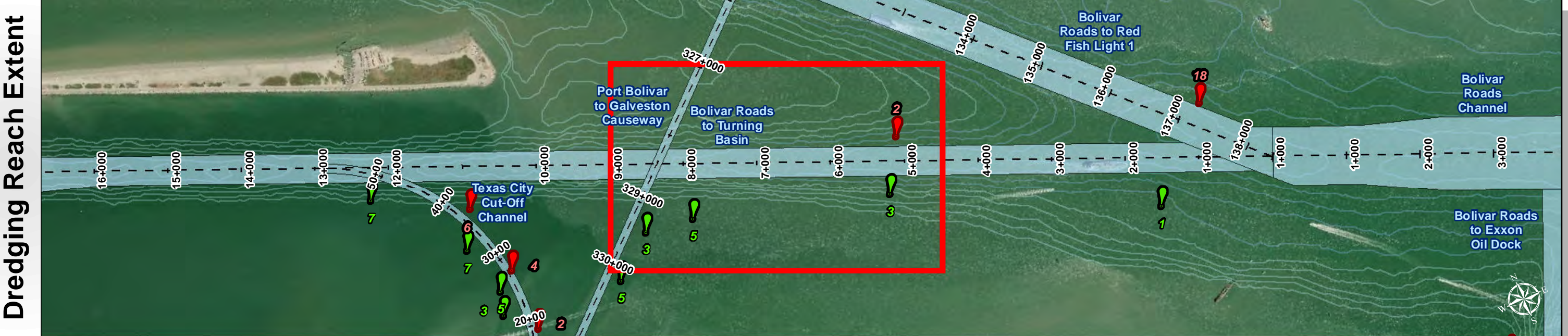
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District

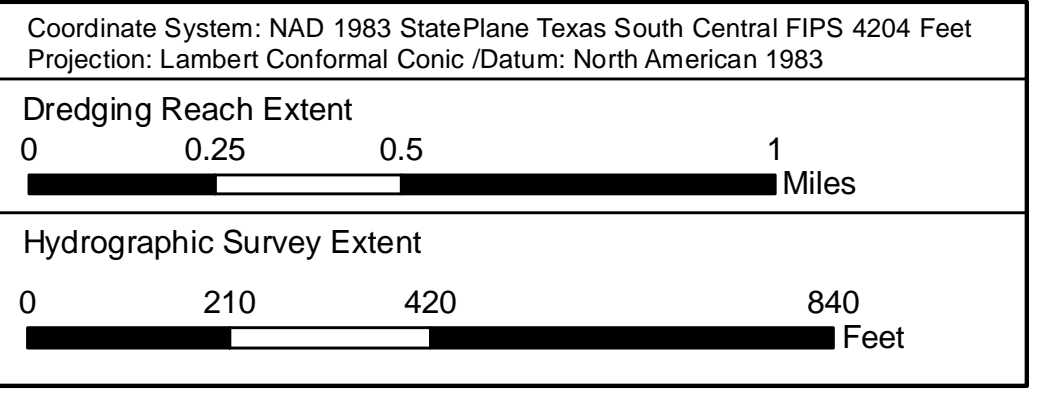
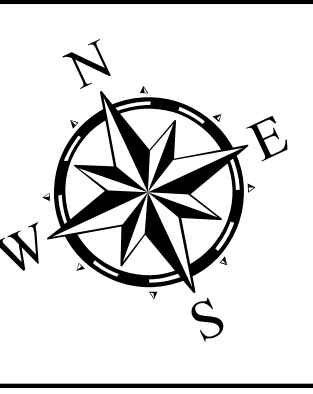


Channel Features	Aids to Navigation	MLLW															
<ul style="list-style-type: none"> <li>Channel Toe</li> <li>Channel Center Line</li> <li>Channel Station Lines</li> <li>Channel Dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Green Side Aids</li> <li>Red Side Aids</li> <li>Lights</li> </ul>	<table border="1"> <tr> <td>0 - 30</td> <td>30 - 35</td> <td>35 - 40</td> <td>40 - 42</td> <td>42 - 44</td> <td>44 - 46</td> <td>46 - 48</td> <td>48 - 50</td> <td>50+</td> </tr> </table> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <table border="1"> <tr> <td>0 - 10</td> <td>10 - 15</td> <td>15 - 20</td> <td>20 - 25</td> <td>25 - 30</td> <td>30 - 50</td> </tr> </table>	0 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	50+	0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
0 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	50+									
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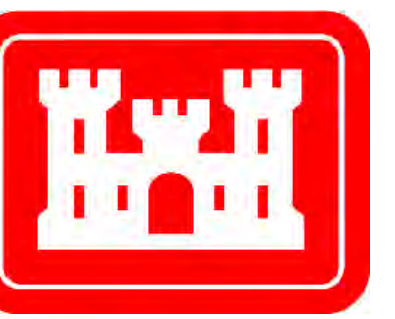
Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 2 of 12	Map: Side Slope Ratio: (Rise : Run)
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Mapped by: MSAOX PAC	Print Date: 4/8/2019
Additional Info:	

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

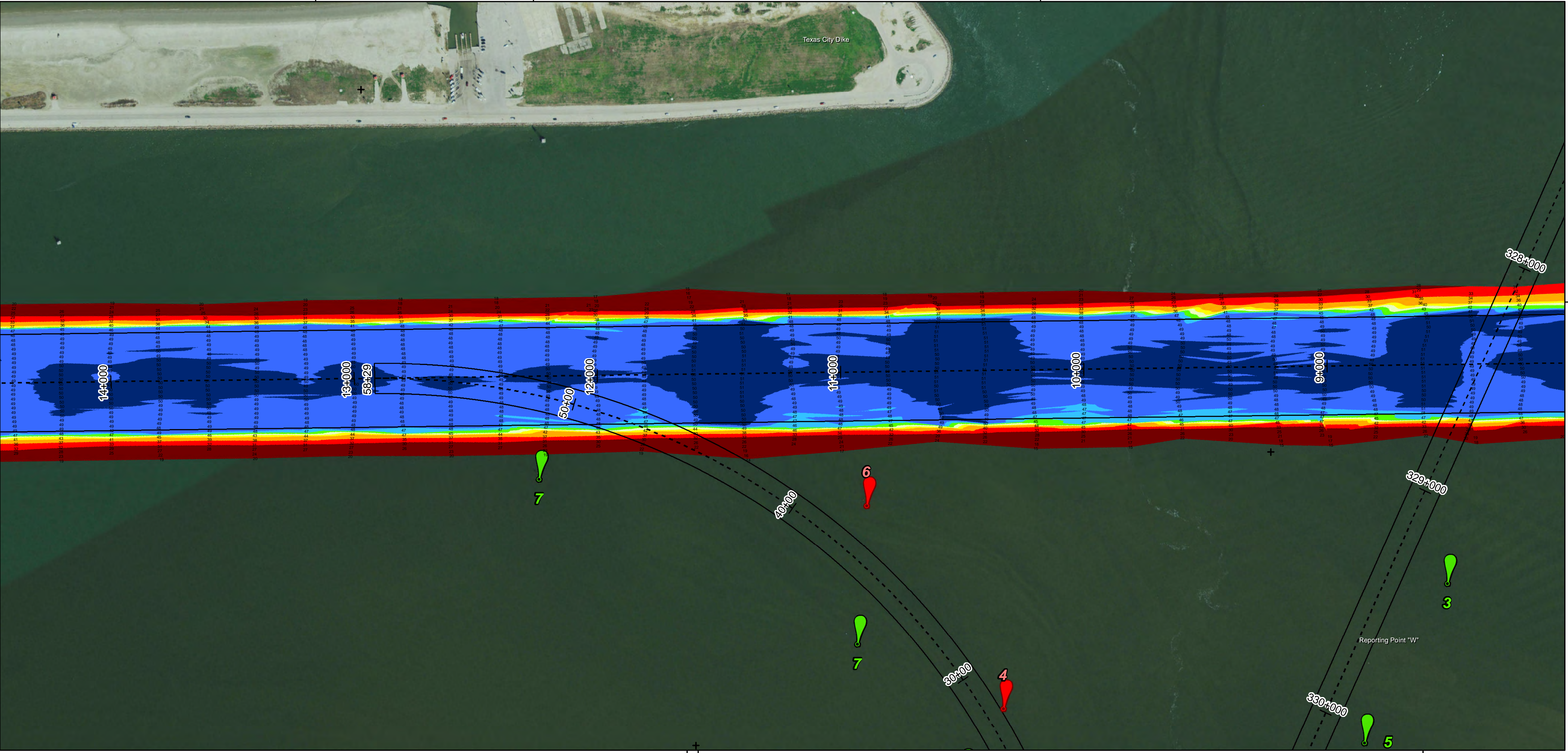
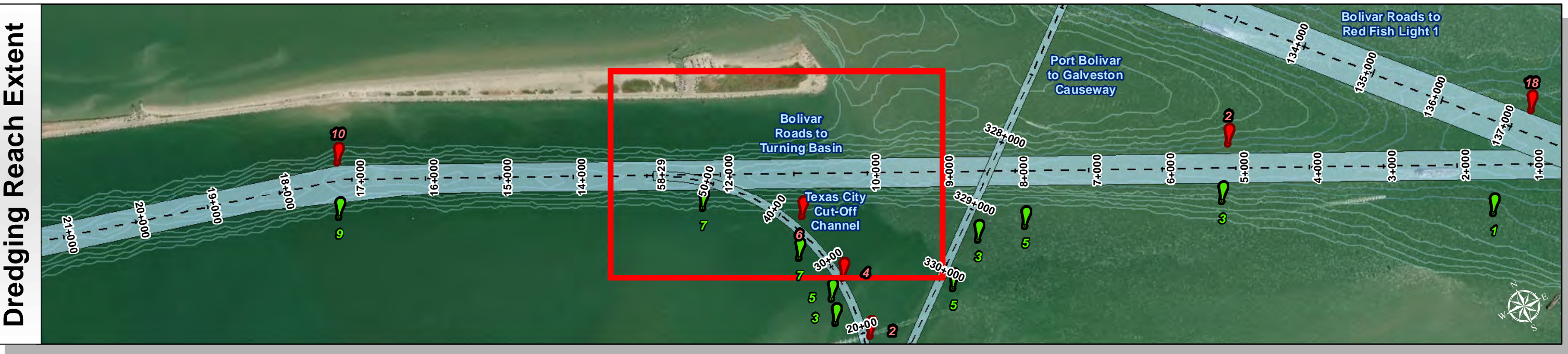
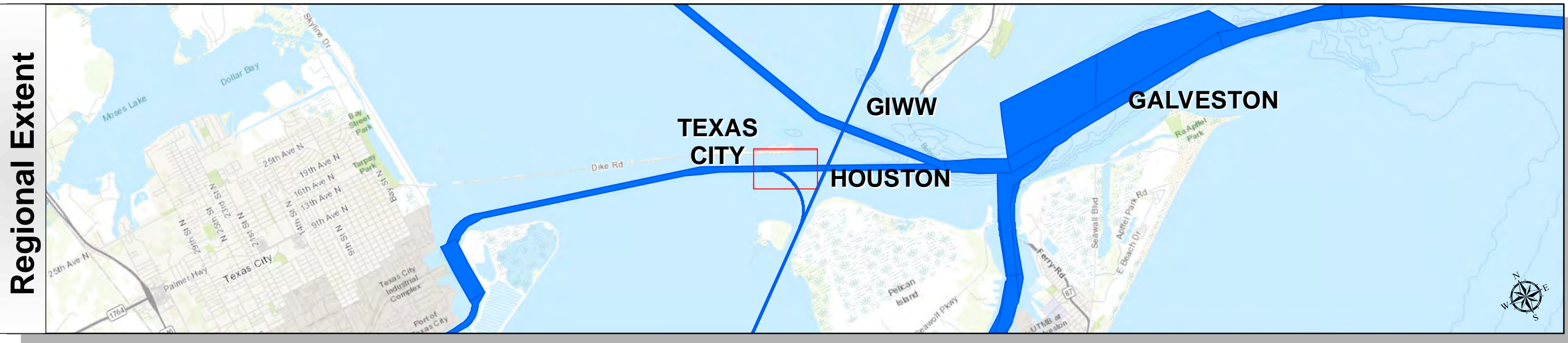
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District



Channel Features	Aids to Navigation	MLLW															
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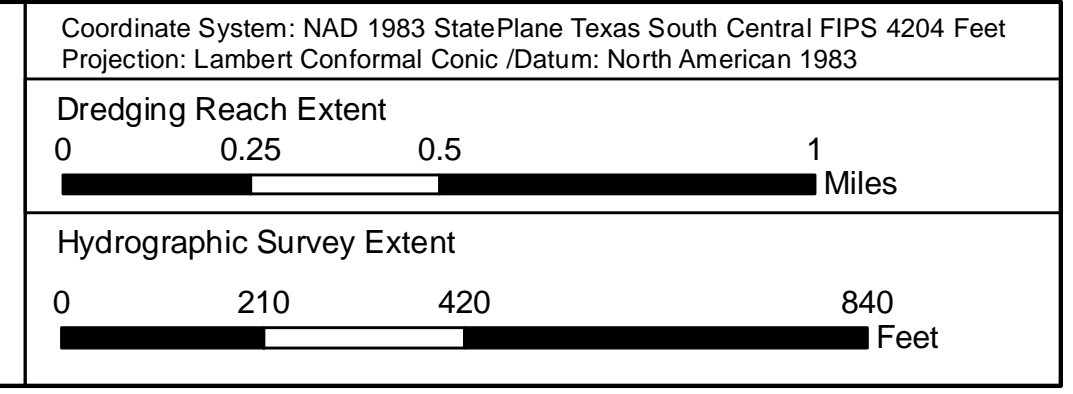
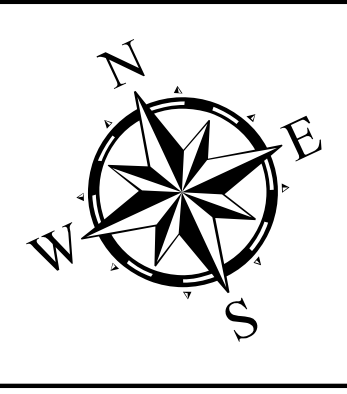
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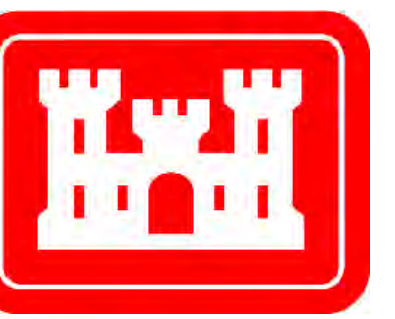
Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 3 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 4/8/2019
Additional Info:	

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

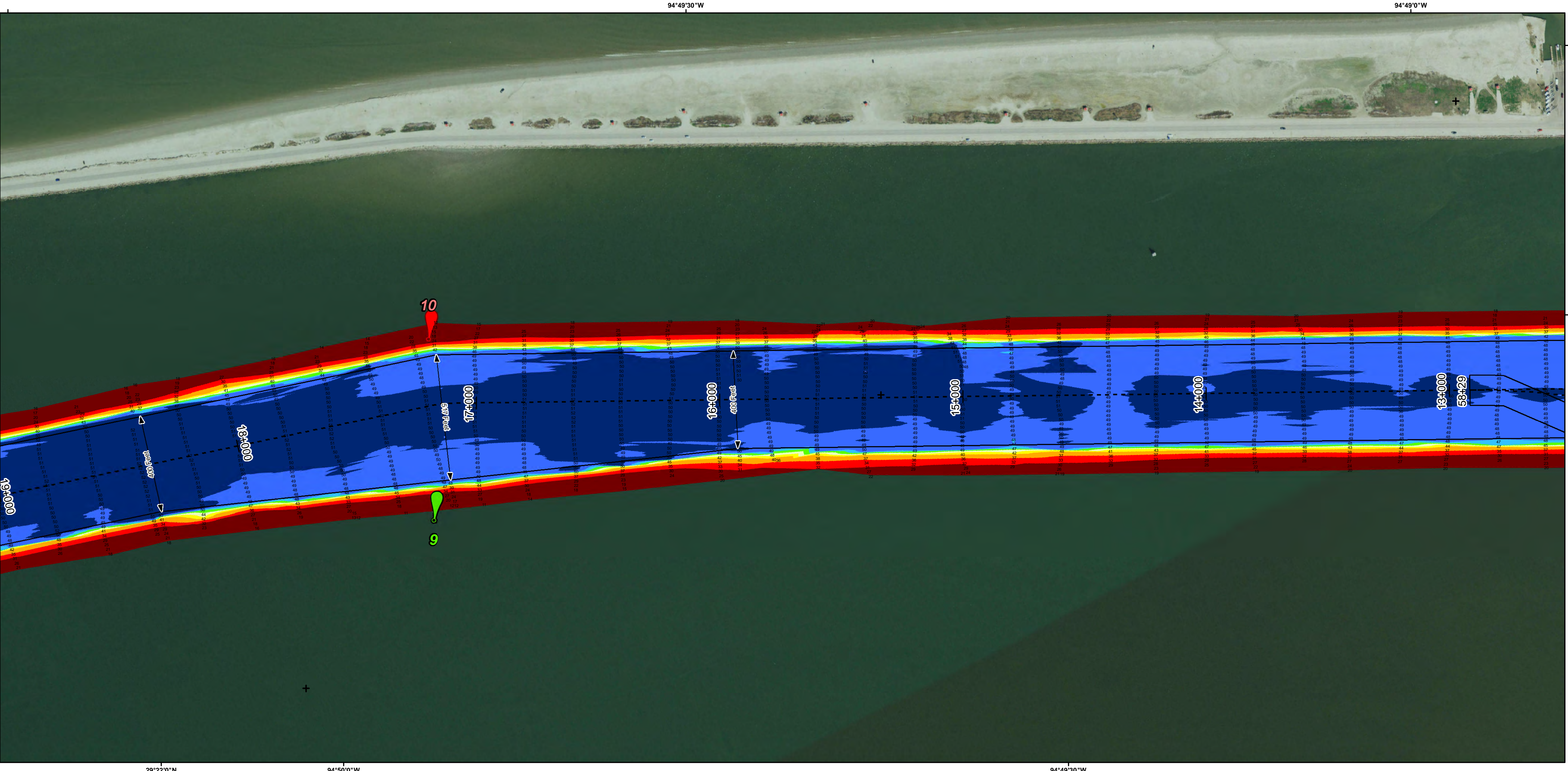
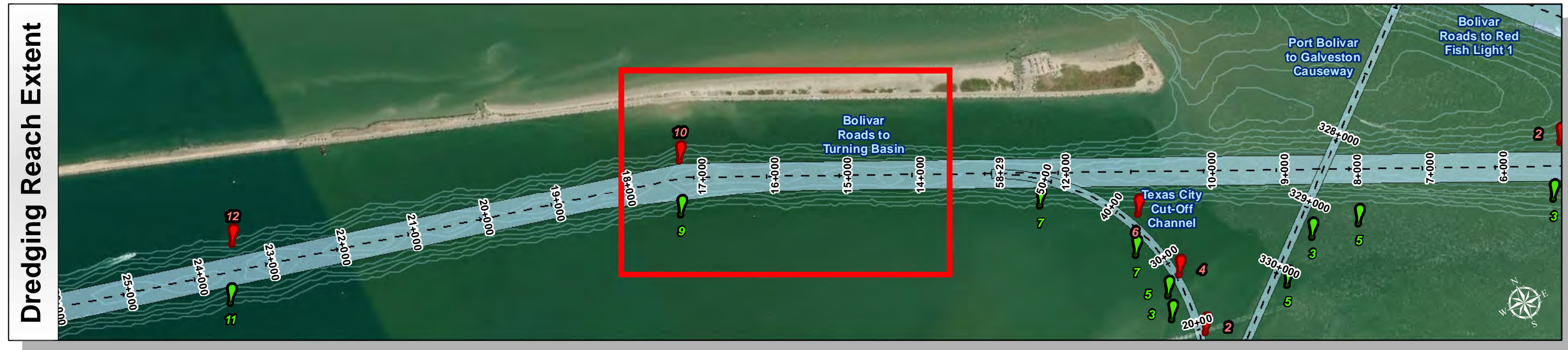
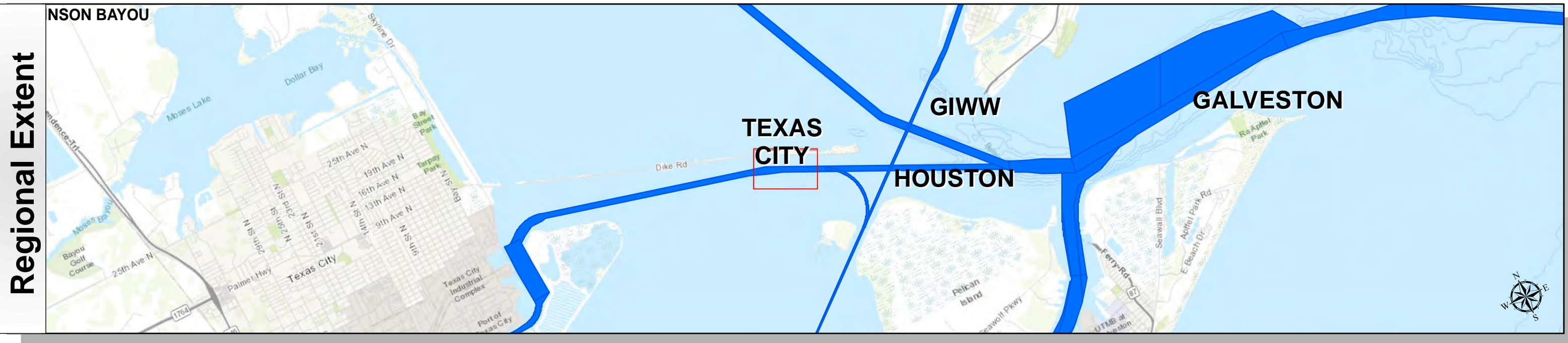
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District

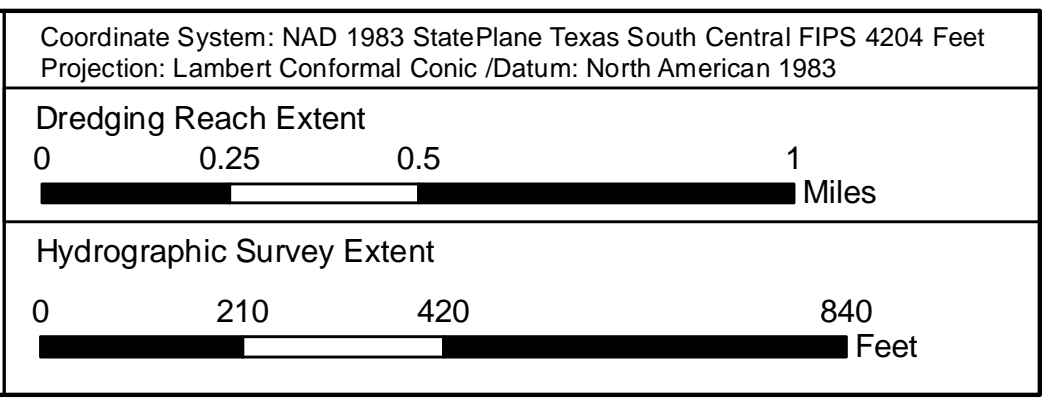
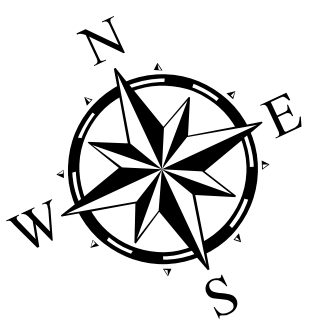


Channel Features	Aids to Navigation	MLLW
<ul style="list-style-type: none"> <li>Channel Toe</li> <li>Channel Center Line</li> <li>Channel Station Lines</li> <li>Channel Dimensions</li> </ul>	<ul style="list-style-type: none"> <li>Green Side Aids</li> <li>Red Side Aids</li> <li>Lights</li> </ul>	<p>0 - 30 30 - 35 35 - 40 40 - 42 42 - 44 44 - 46 46 - 48 48 - 50 50+</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT) 0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50</p>

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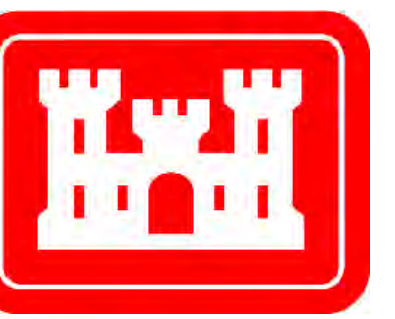
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Page: 4 of 12	Side Slope Ratio: (Rise : Run)
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Additional Info:	

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CORPS OF ENGINEERS  
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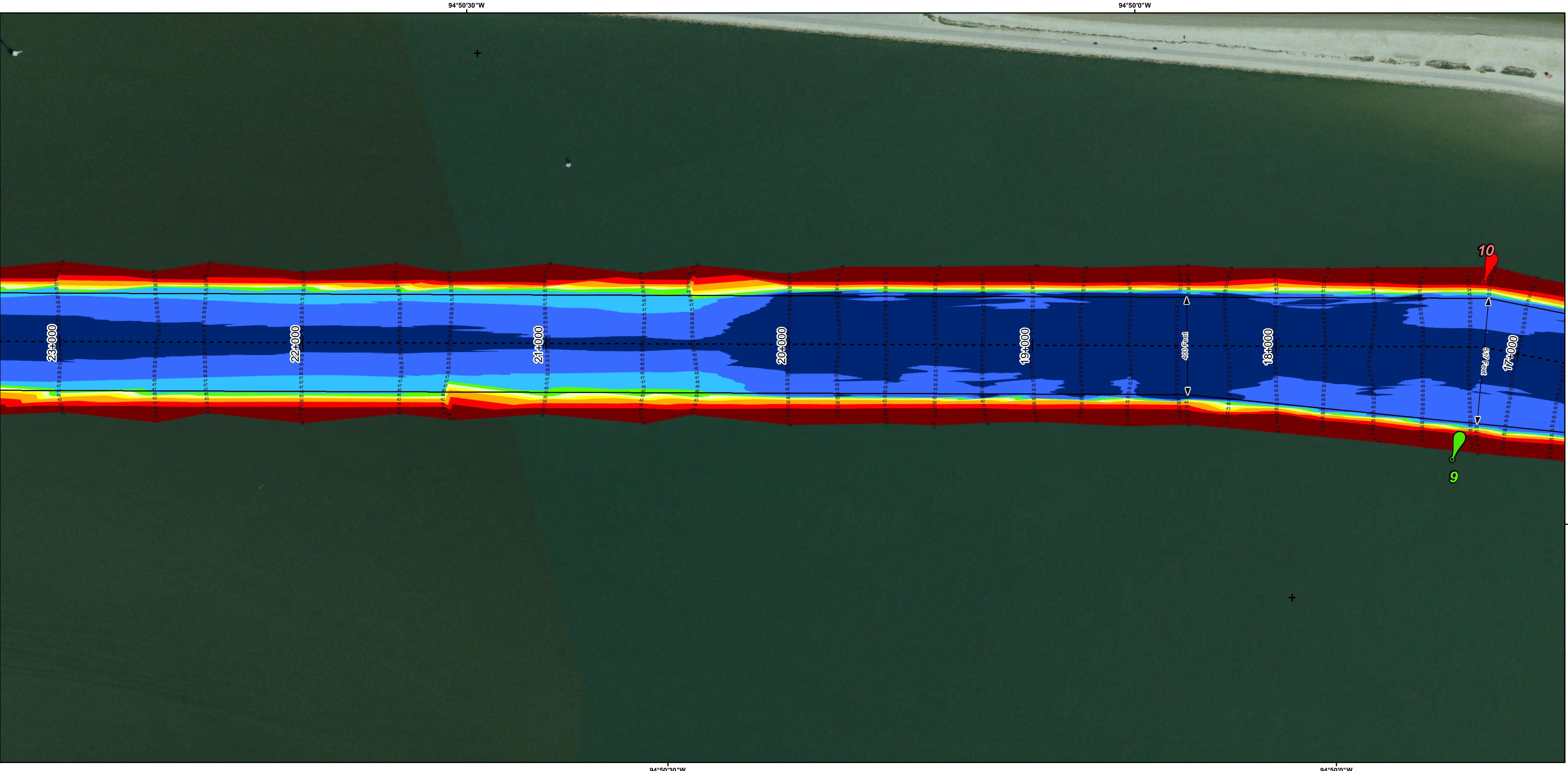
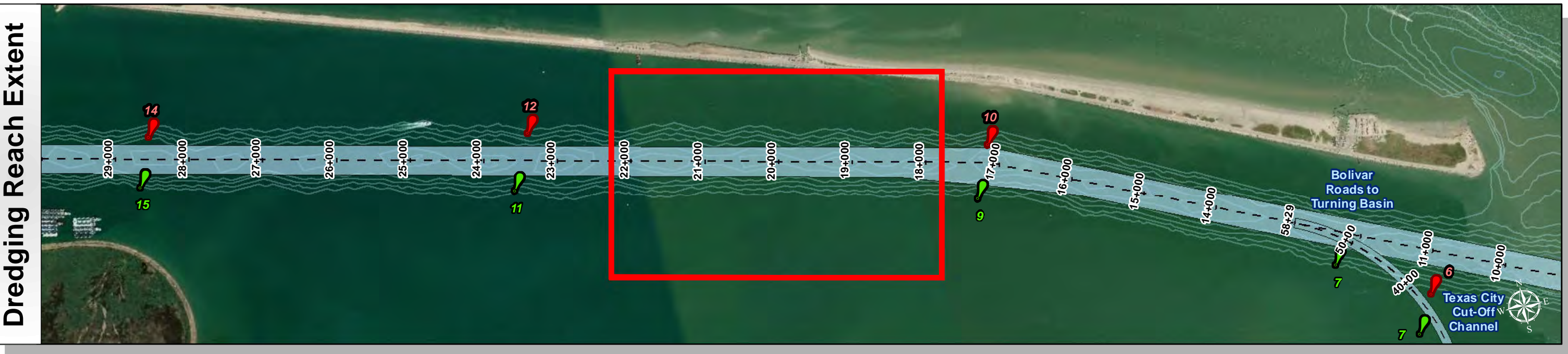
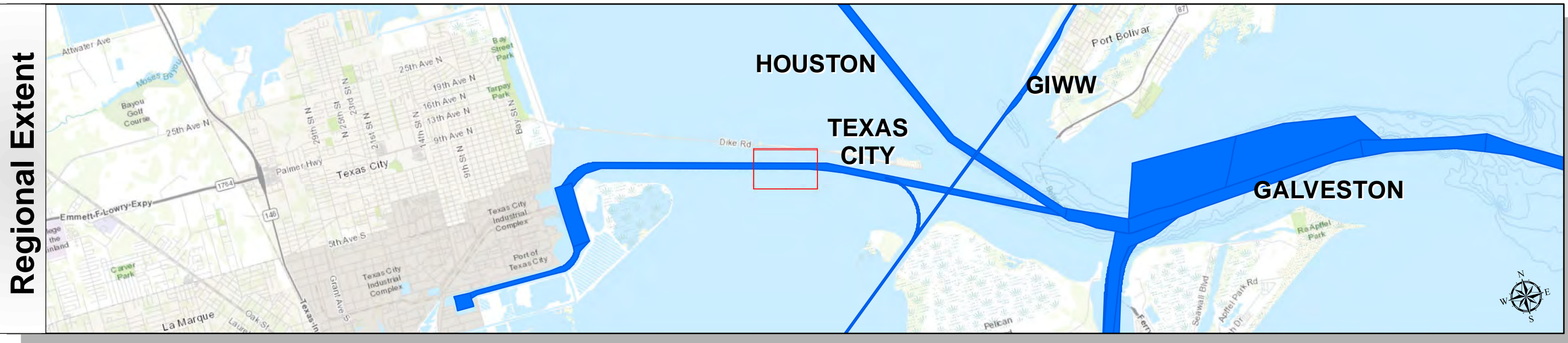
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District

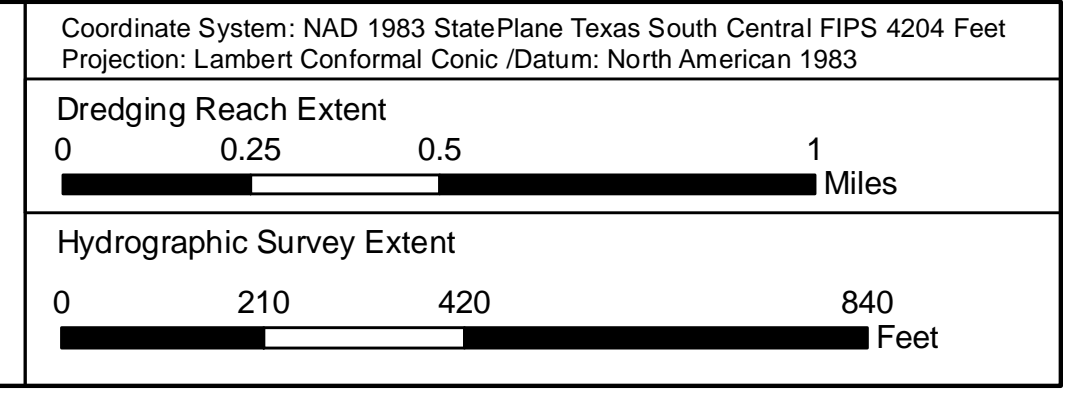
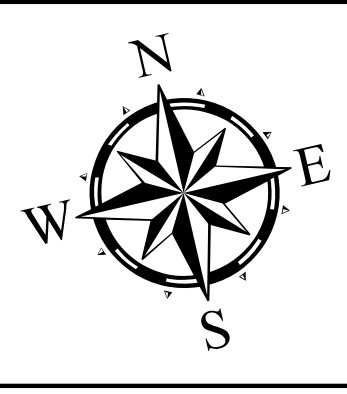


Channel Features	Aids to Navigation	MLLW
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- - - Channel Center Line	Red Side Aids	NOAA Bathymetry (DREDGING REACH EXTENT)
— Channel Station Lines	Lights	0 - 10   10 - 15   15 - 20   20 - 25   25 - 30   30 - 50
↔ Channel Dimensions		

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Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 5 of 12	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:2,400	Print Date: 4/8/2019
Mapped by: MSAOX PAC	
Additional Info:	

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CORPS OF ENGINEERS  
GALVESTON, TEXAS

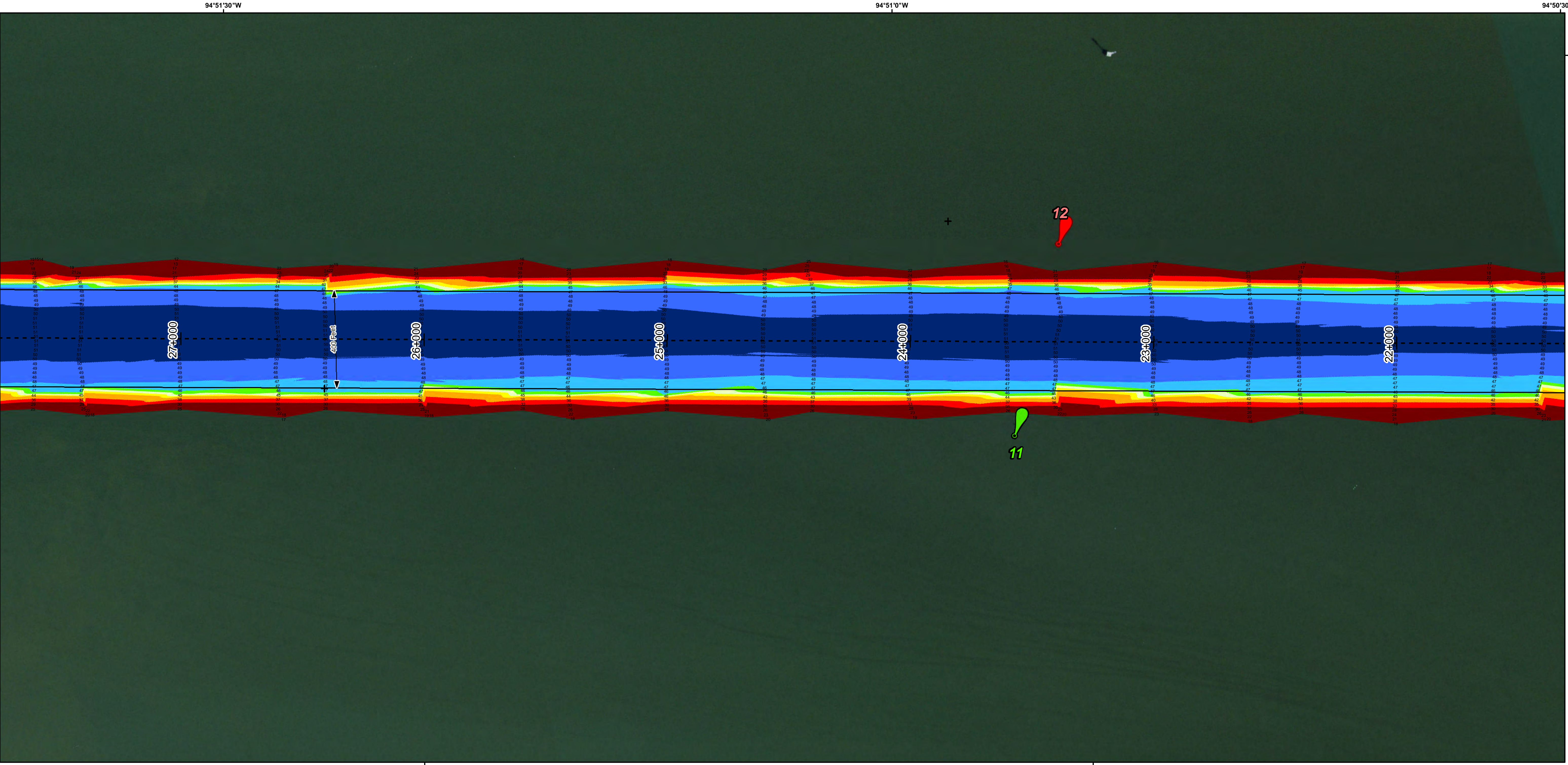
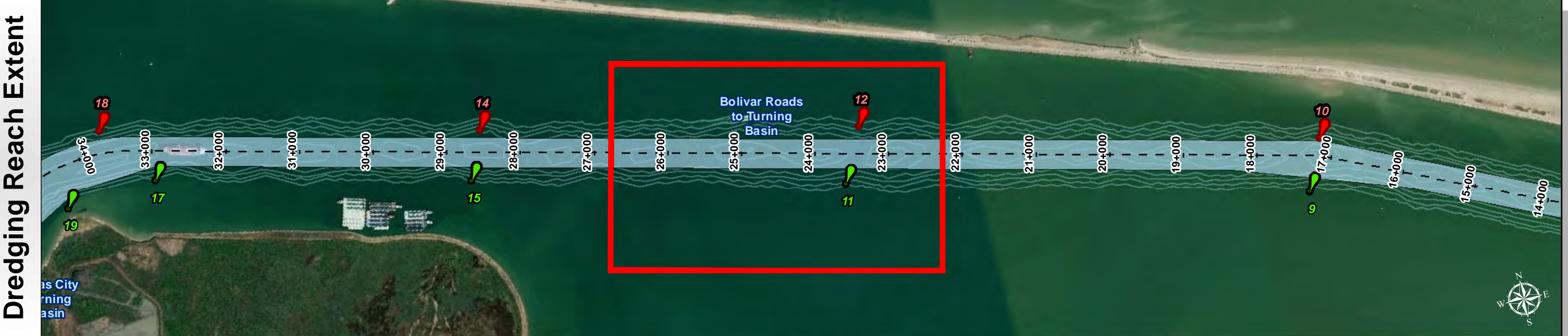
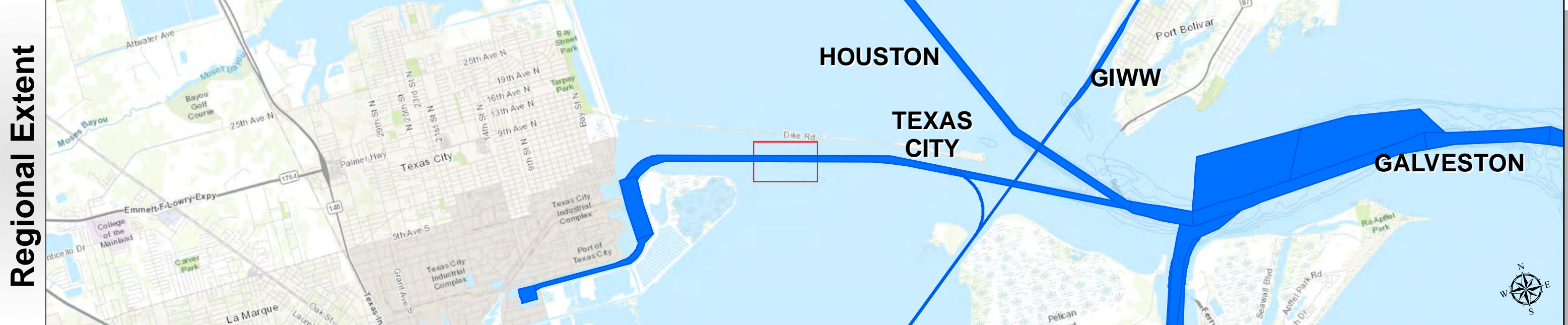
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



U.S. Army Corps of Engineers  
Galveston District



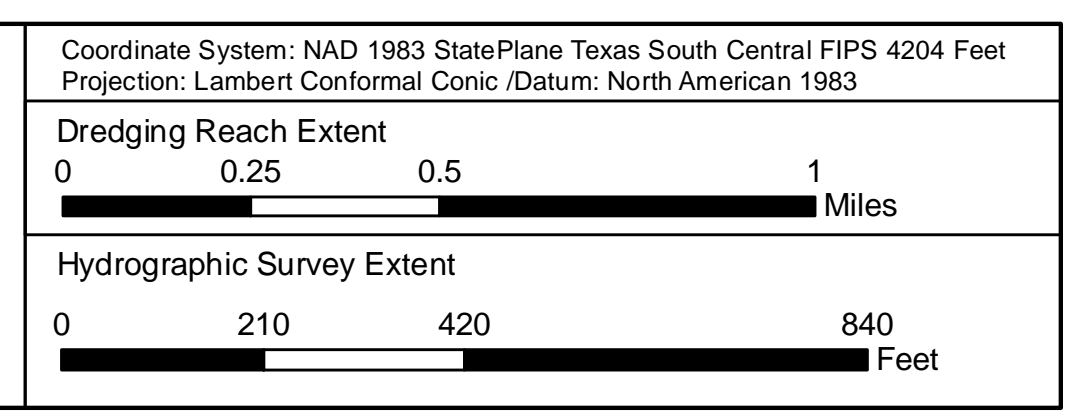
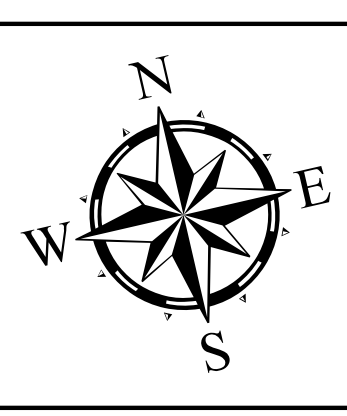
Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 6 of 12	Side Slope Ratio: (Rise : Run)
Map:	Additional Imagery: © DigitalGlobe Inc.
Scale: 1:2,400	Print Date: 4/8/2019
Mapped by: MSAOX PAC	
Additional Info:	

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 - 30 30 - 35 35 - 40 40 - 42 42 - 44 44 - 46 46 - 48 48 - 50 50+</p> <p>NOAA Bathymetry (DREDGING REACH EXTENT)</p> <p>0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50</p>

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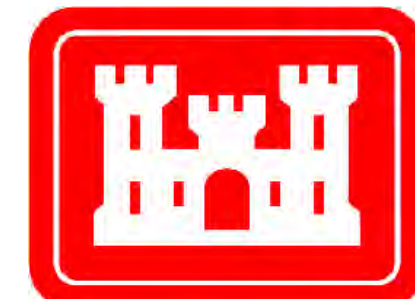


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

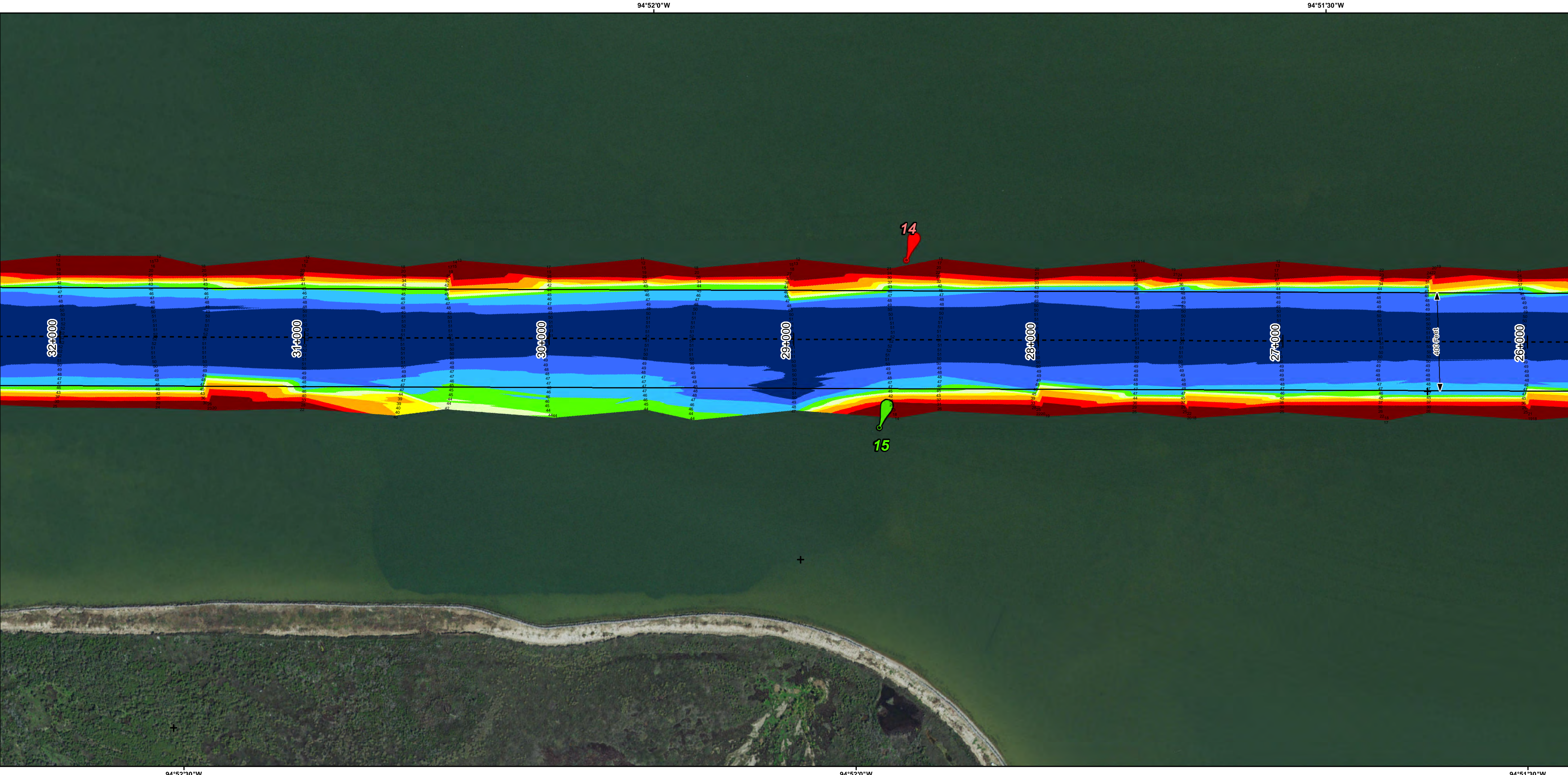
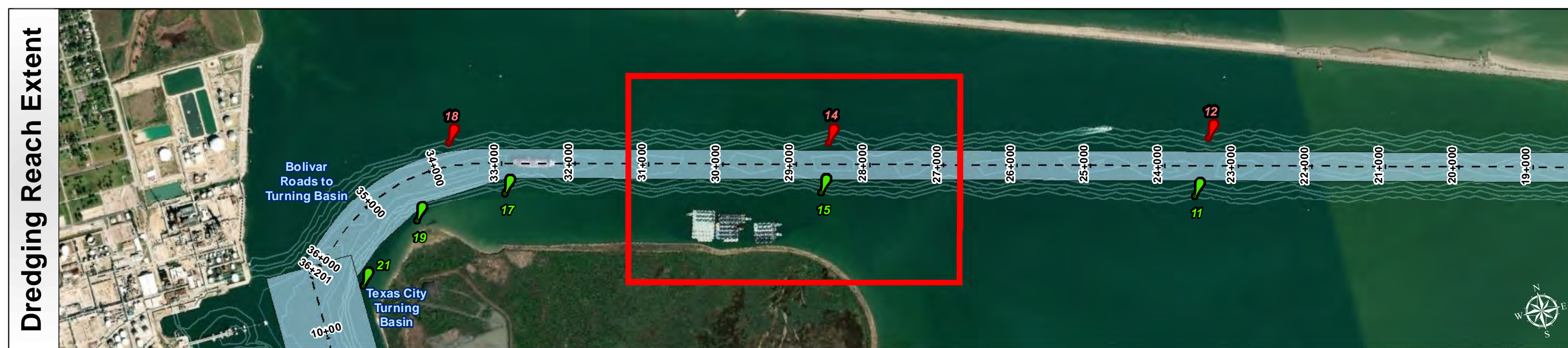
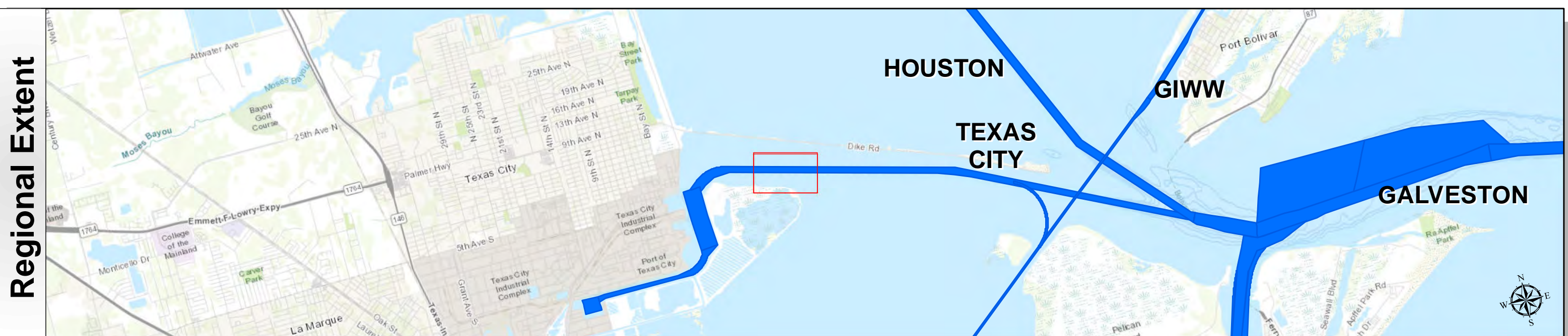
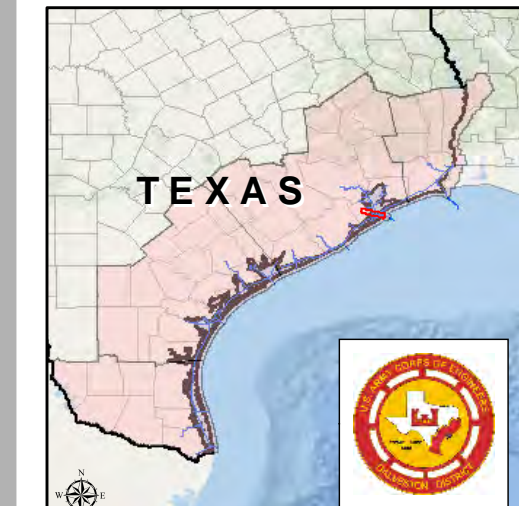
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



# Texas City Harbor Channel: Bolivar Roads to Turning Basin



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 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	50+
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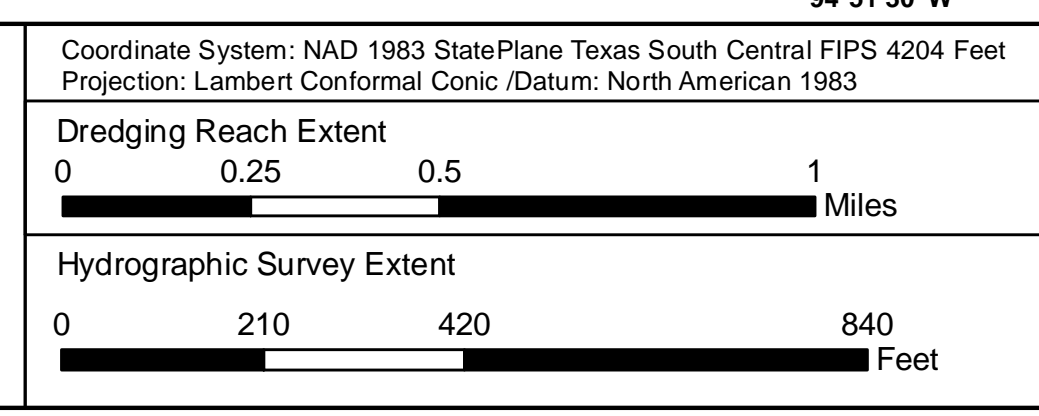
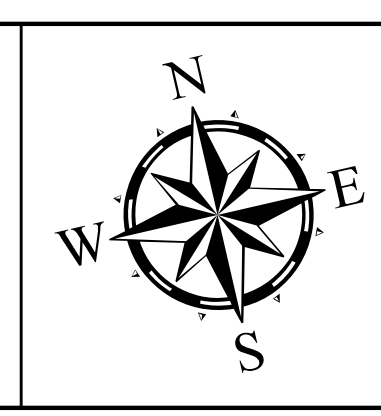
**NOAA Bathymetry (DREDGING REACH EXTENT)**

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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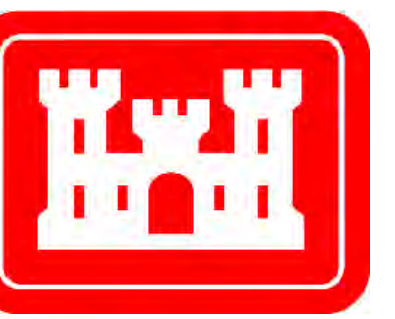
Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 7 of 12	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 4/8/2019
Additional Info:	

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CORPS OF ENGINEERS  
GALVESTON, TEXAS

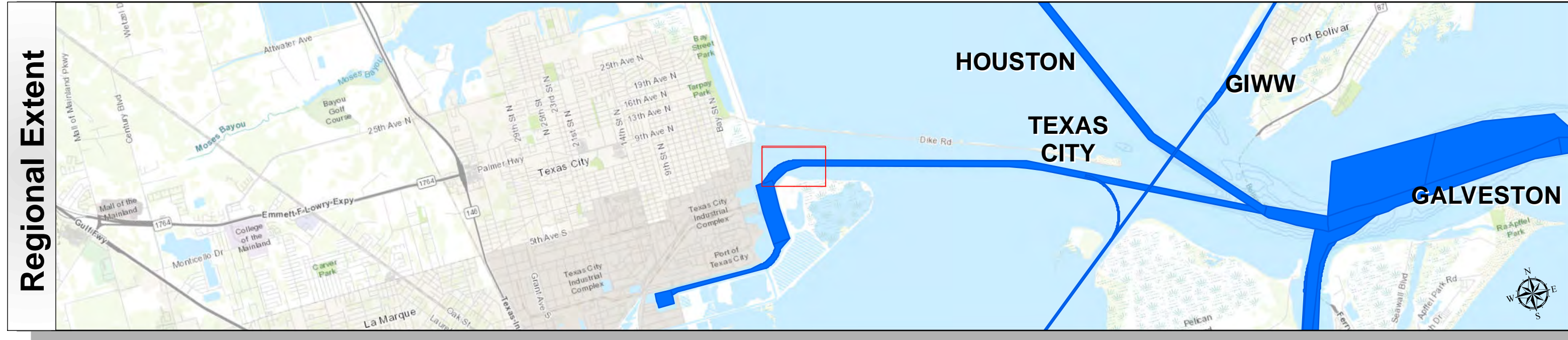
**Station: 0+000 to 36+200.7**  
**TEXAS CITY**  
TEXAS CITY, TEXAS



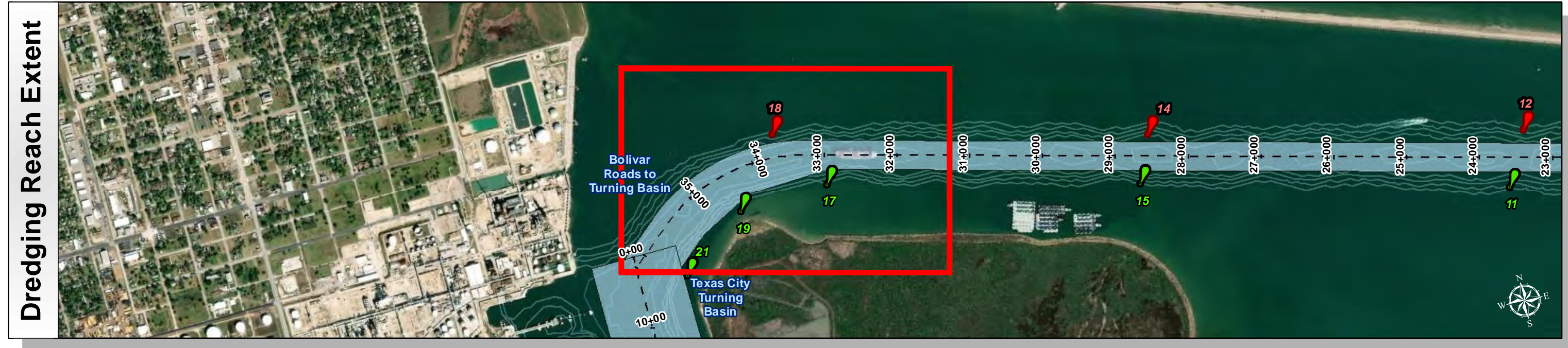
# Texas City Harbor Channel: Bolivar Roads to Turning Basin



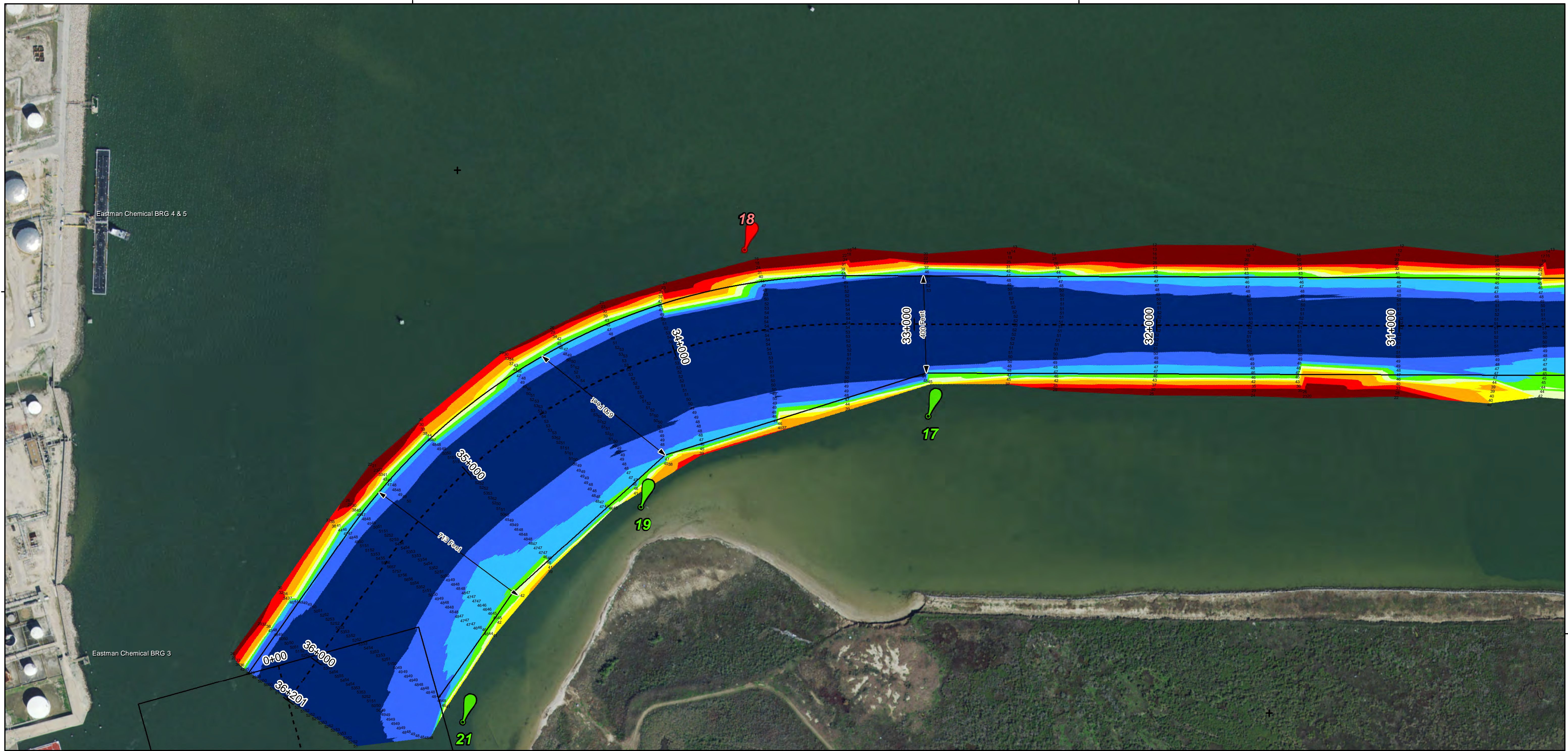
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



Survey Date(s): 06 April 2019	Authorized Depth: -46ft.
Page: 8 of 12	Side Slope Ratio: (Rise : Run)
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0 - 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	50+
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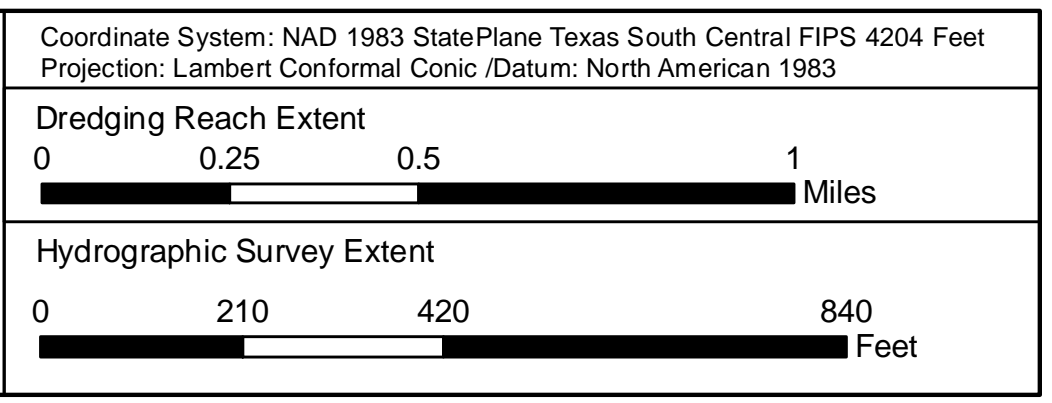
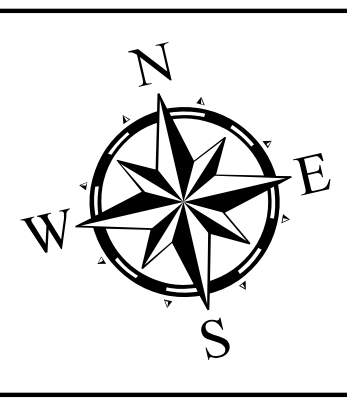
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0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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