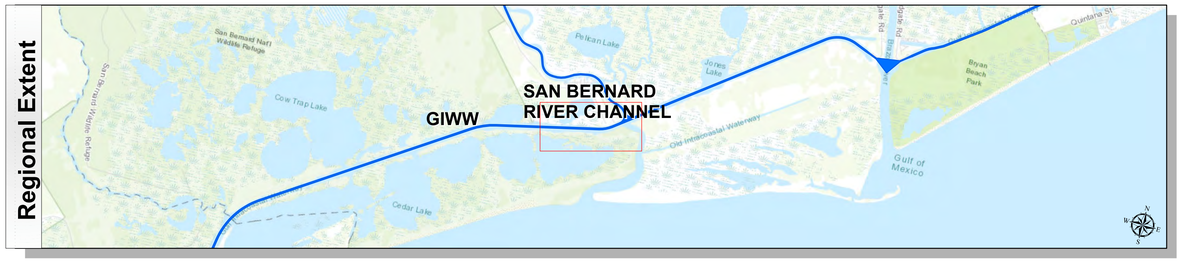
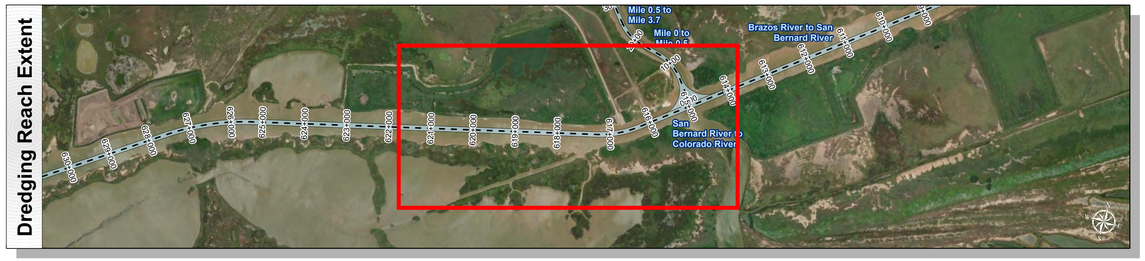
Gulf Intracoastal Waterway: San Bernard River to Colorado River







U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 18 August 2026
Document Page: 1 of 25
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Width Range: 75ft to 125ft
Side Slope Ratio: (Rise : Run)
PDF Print Date: 9/16/2026
Website Index Number: 91

N
W
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S

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 4 | 4 - 6 | 6 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 16 | 16 - 18 | < 18

NOTES:
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5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/

Service Layer Credits: World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

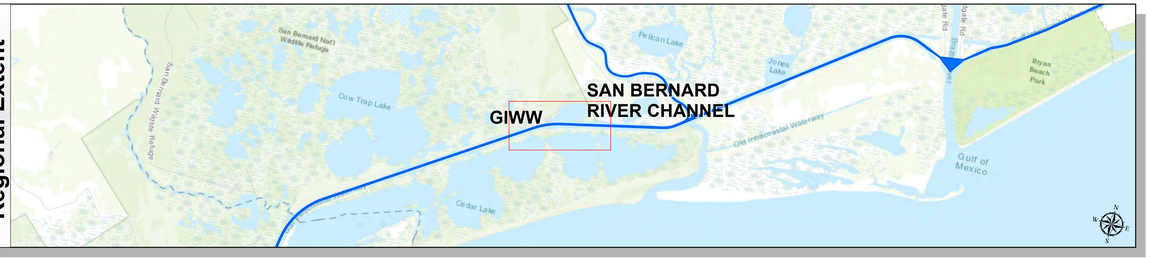
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District

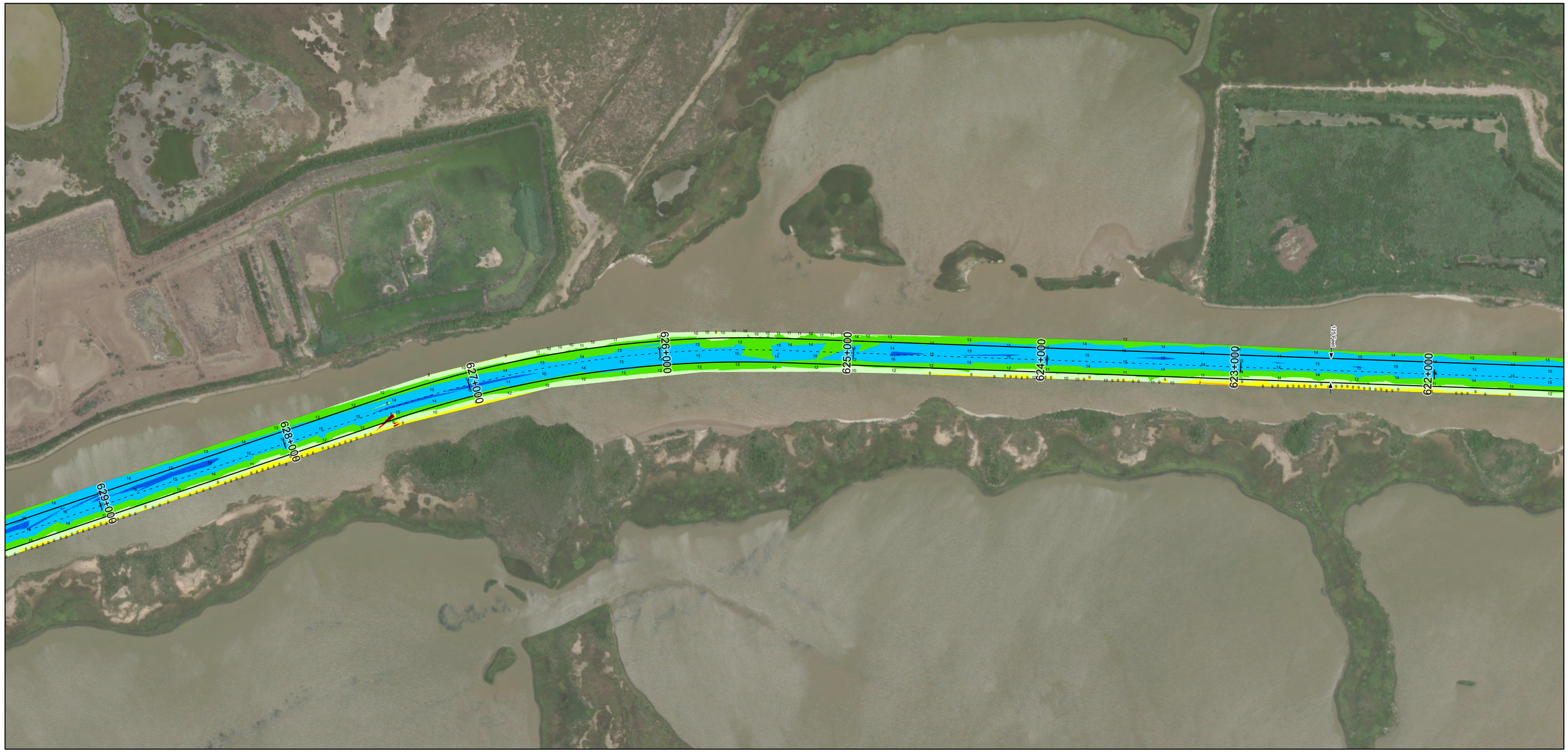
Regional Extent



Dredging Reach Extent







Latest Survey Collection Date:	18 August 2026
Document Page:	2 of 25
Website Index Number:	92
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000_728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09_739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

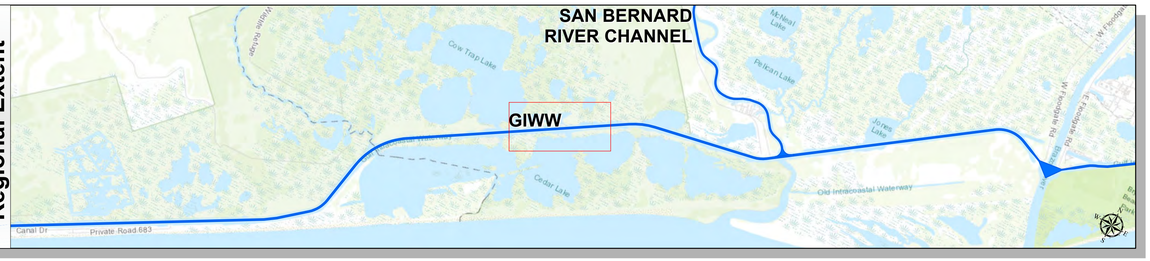
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

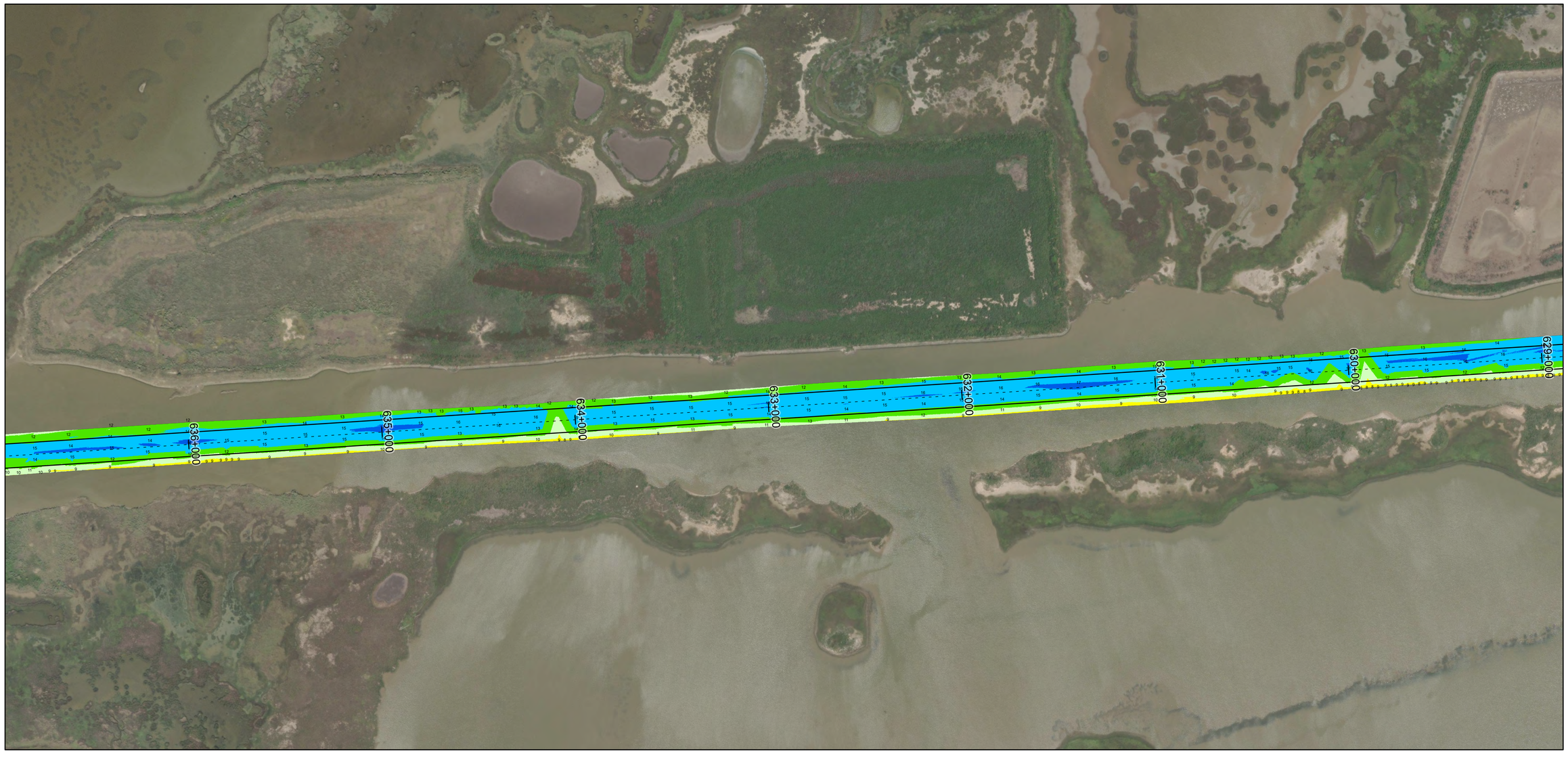


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page:	3 of 25
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Website Index Number:	93
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

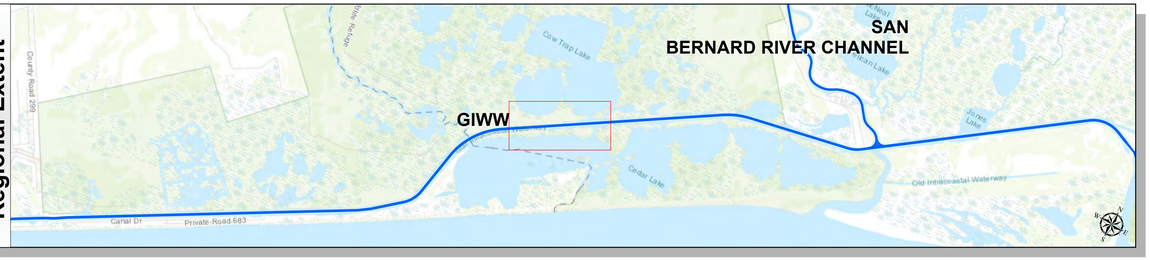
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

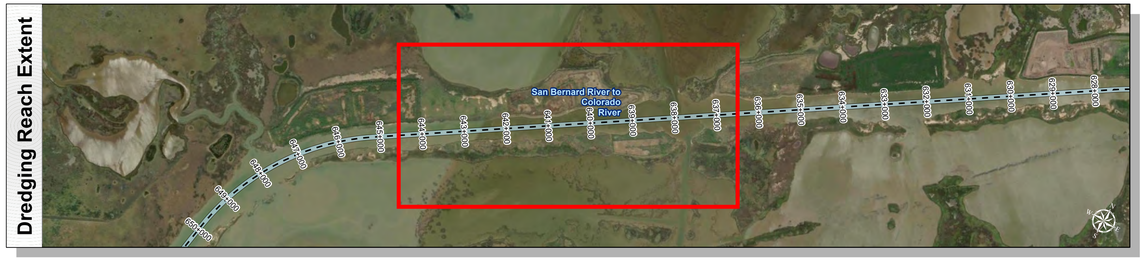
Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District

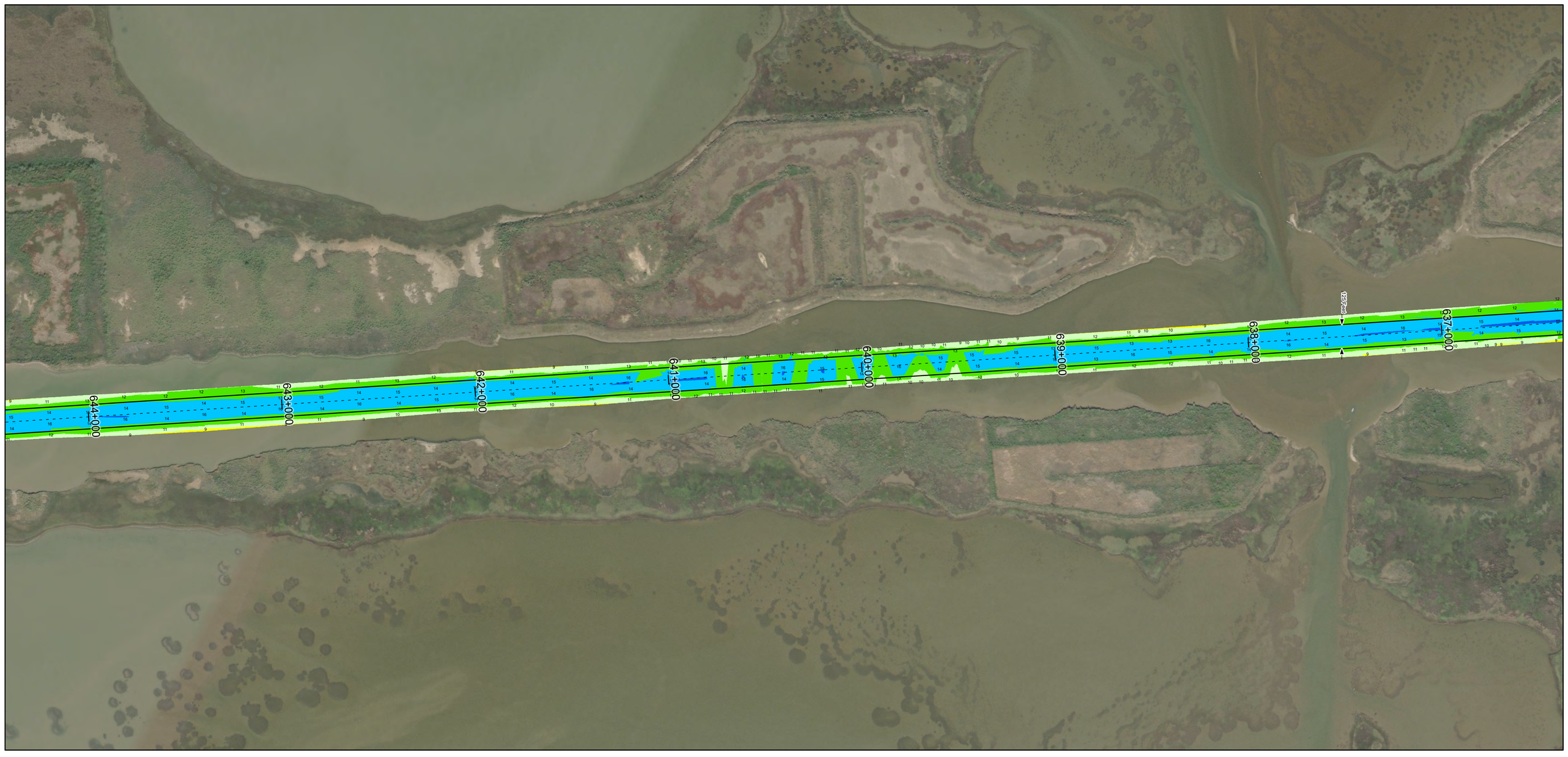
Regional Extent



Dredging Reach Extent







Latest Survey Collection Date:	18 August 2026
Document Page: 4 of 25	Website Index Number: 94
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: - 14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

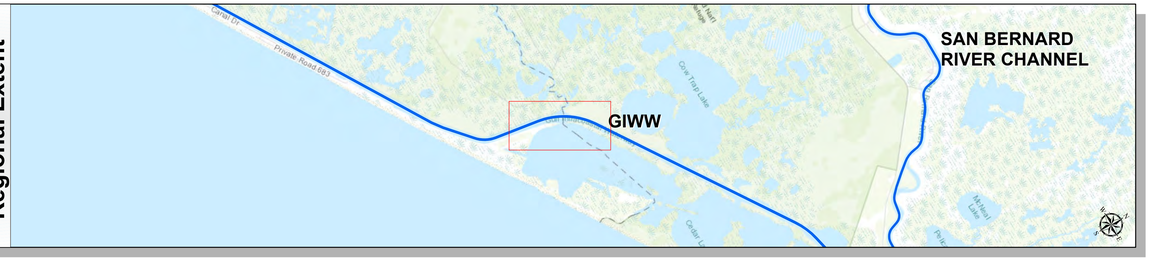
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

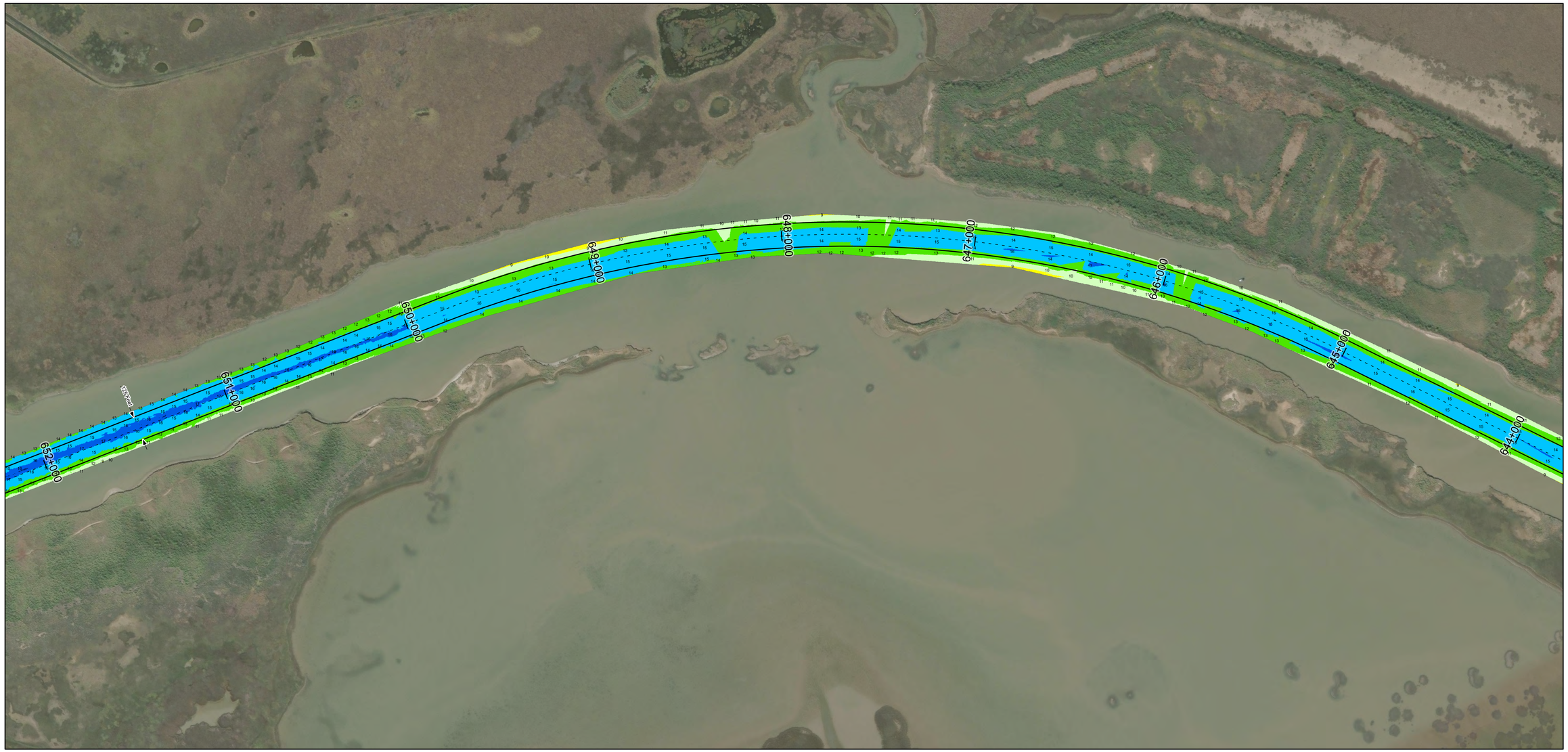


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 5 of 25	Website Index Number: 95
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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

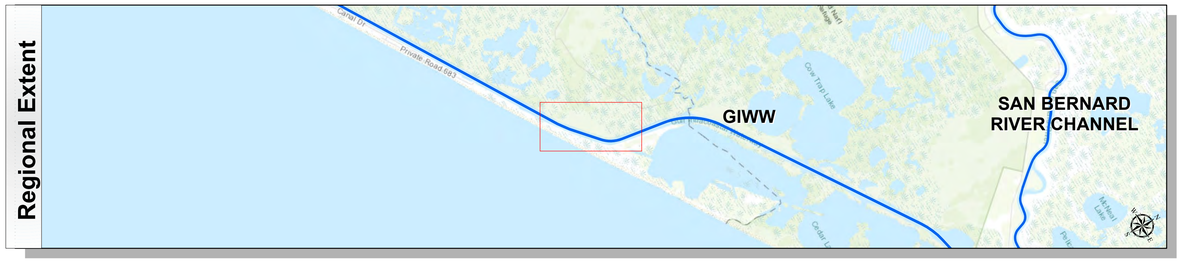
Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

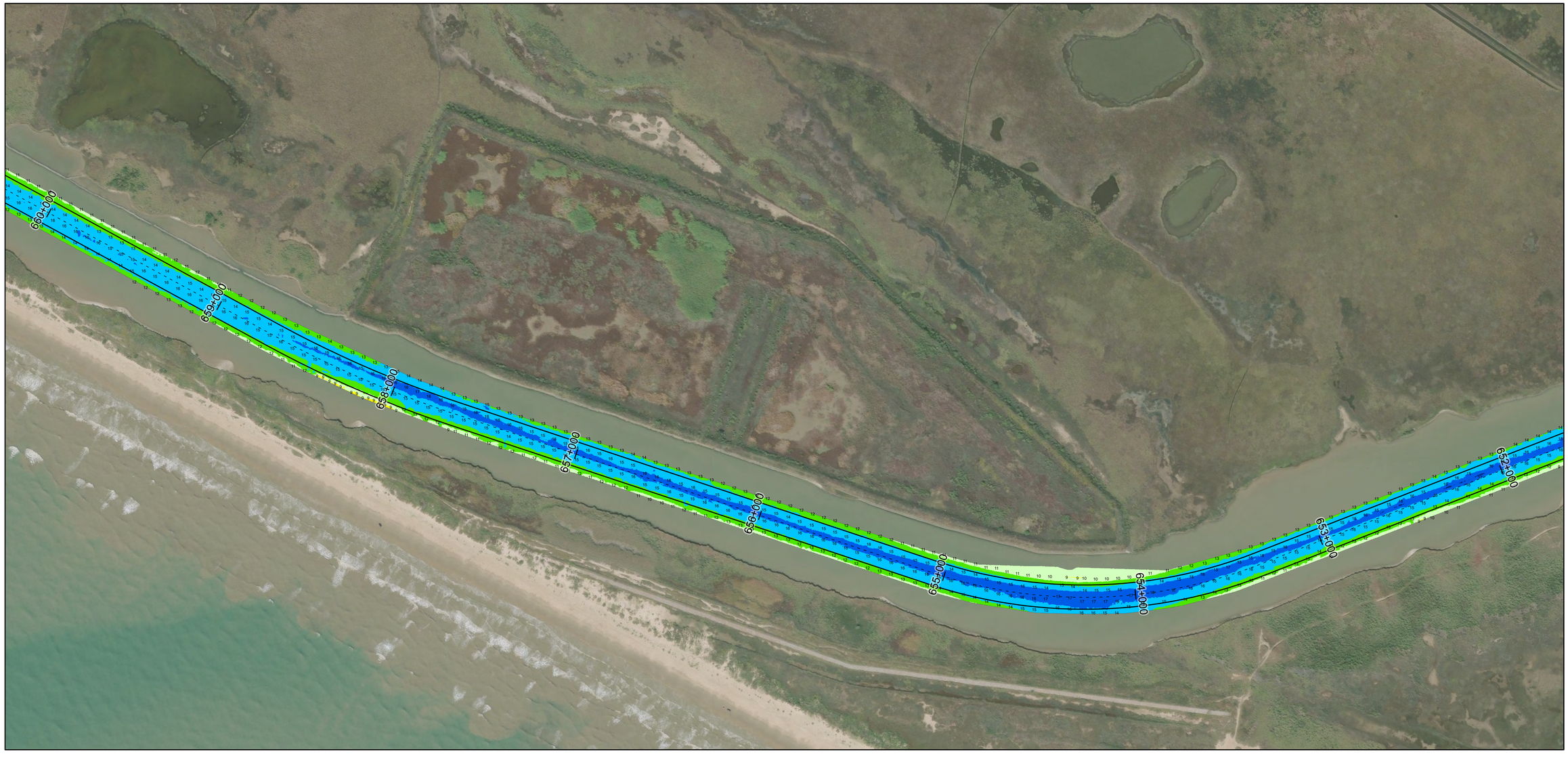
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date: 18 August 2026	Authorized Depth: -14ft.
Document Page: 6 of 25	Website Index Number: 96
Scale: 1:3,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 9/16/2026
Additional Imagery info:	



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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 4 | 4 - 6 | 6 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 16 | 16 - 18 | < 18

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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

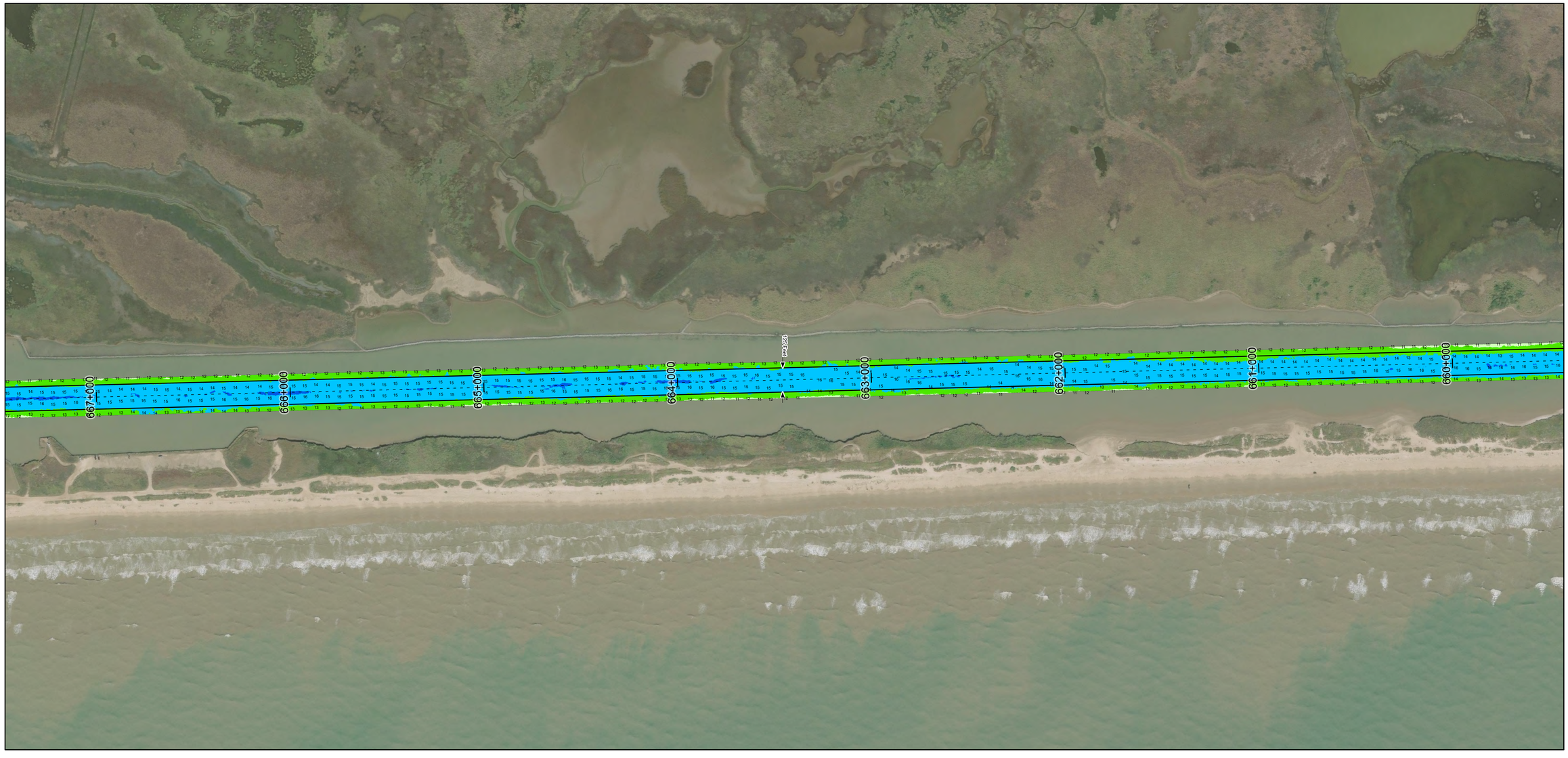
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 7 of 25	Website Index Number: 97
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: - 14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	



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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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Additional Combined Survey Dates and Stationing:

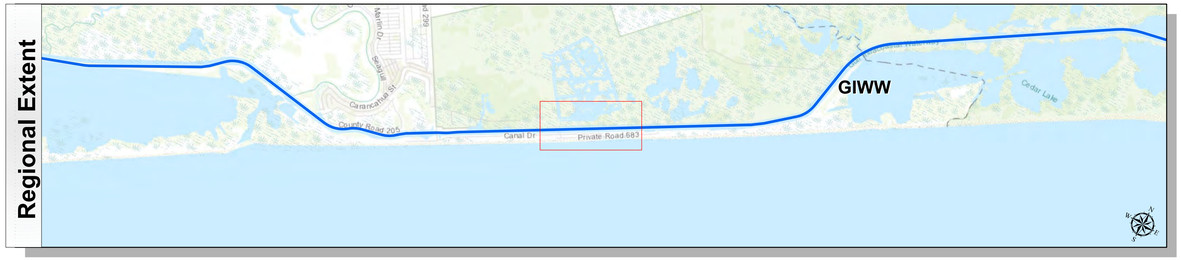
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20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000;
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_733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000;
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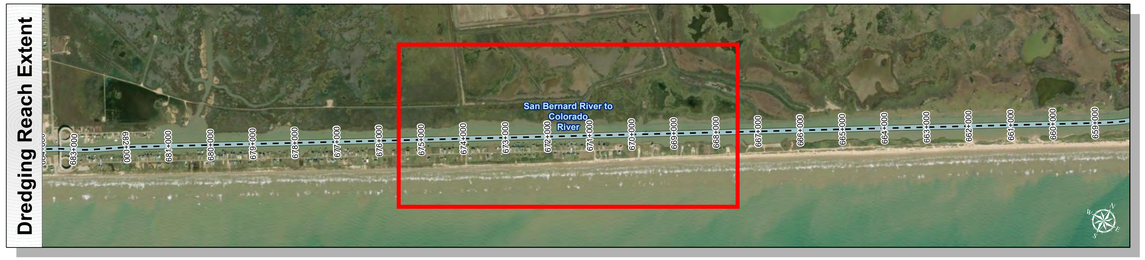
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

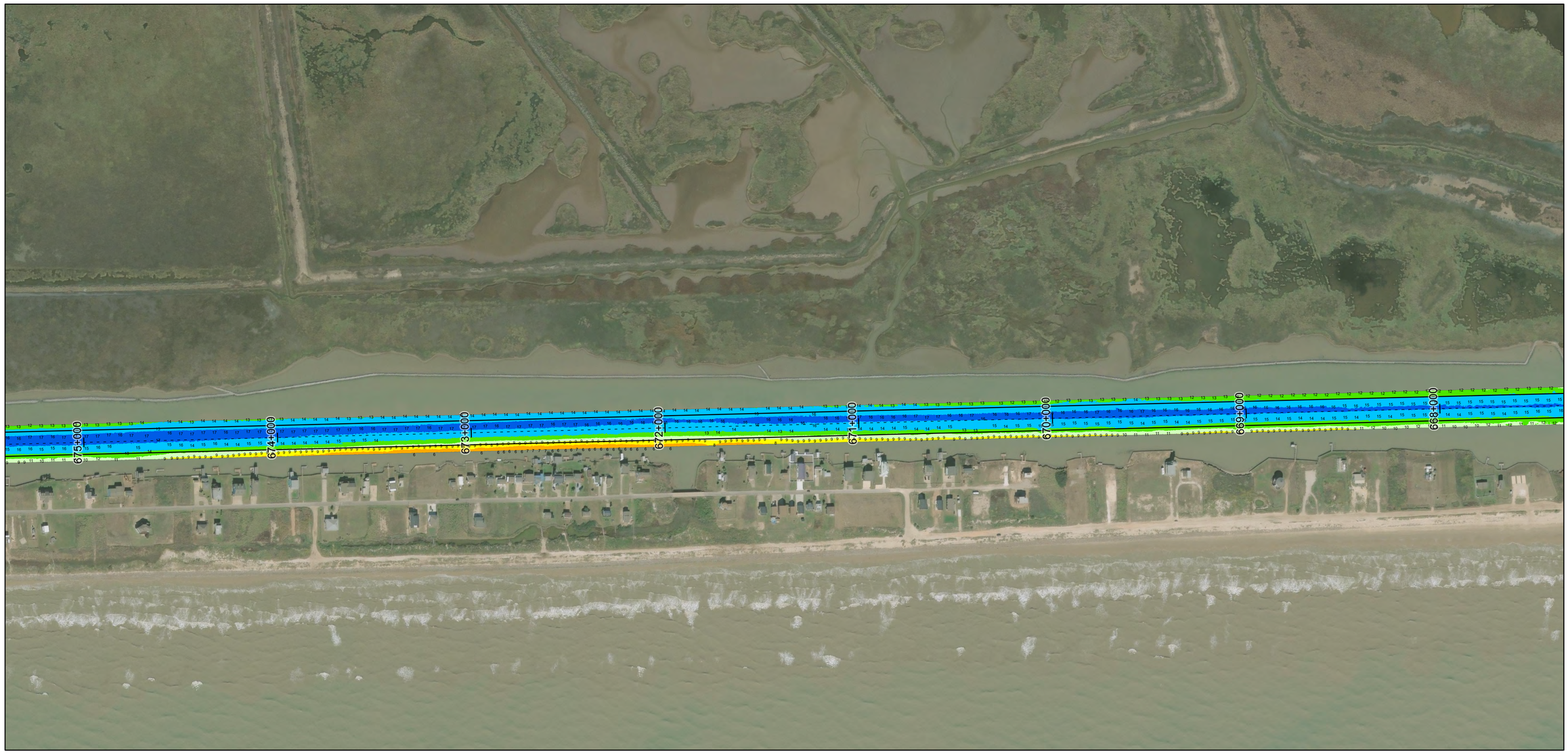
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date: 18 August 2026
Document Page: 8 of 25
Authorized Depth: -14ft.
Website Index Number: 98
Width Range: 75ft to 125ft
Side Slope Ratio: (Rise : Run)
Scale: 1:3,000
PDF Print Date: 9/16/2026
Mapped by: M3AOXPAC
Additional Imagery info:



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000_728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

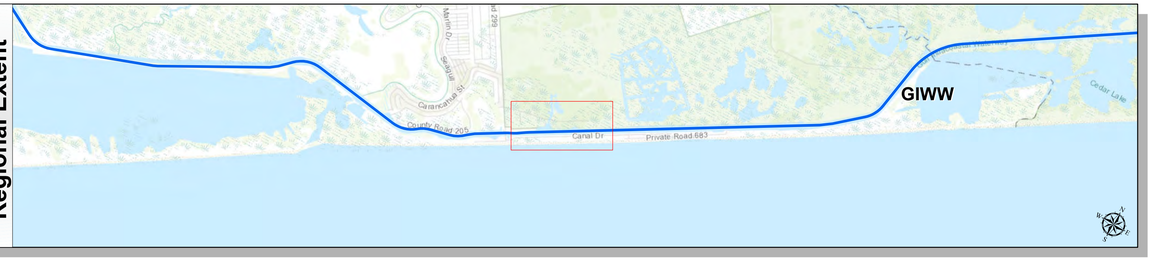
HYDROGRAPHIC SURVEY

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

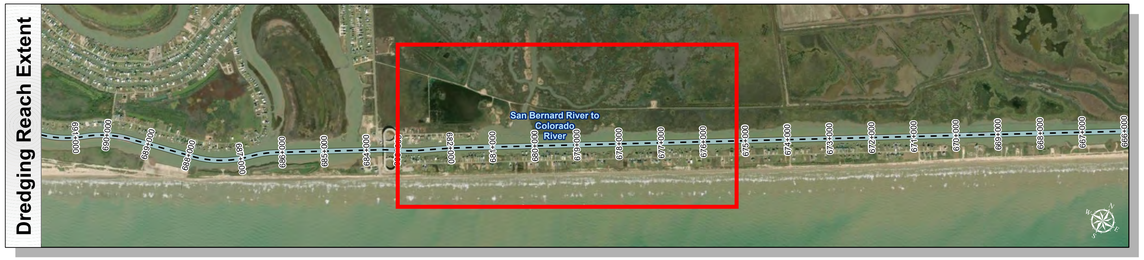
Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

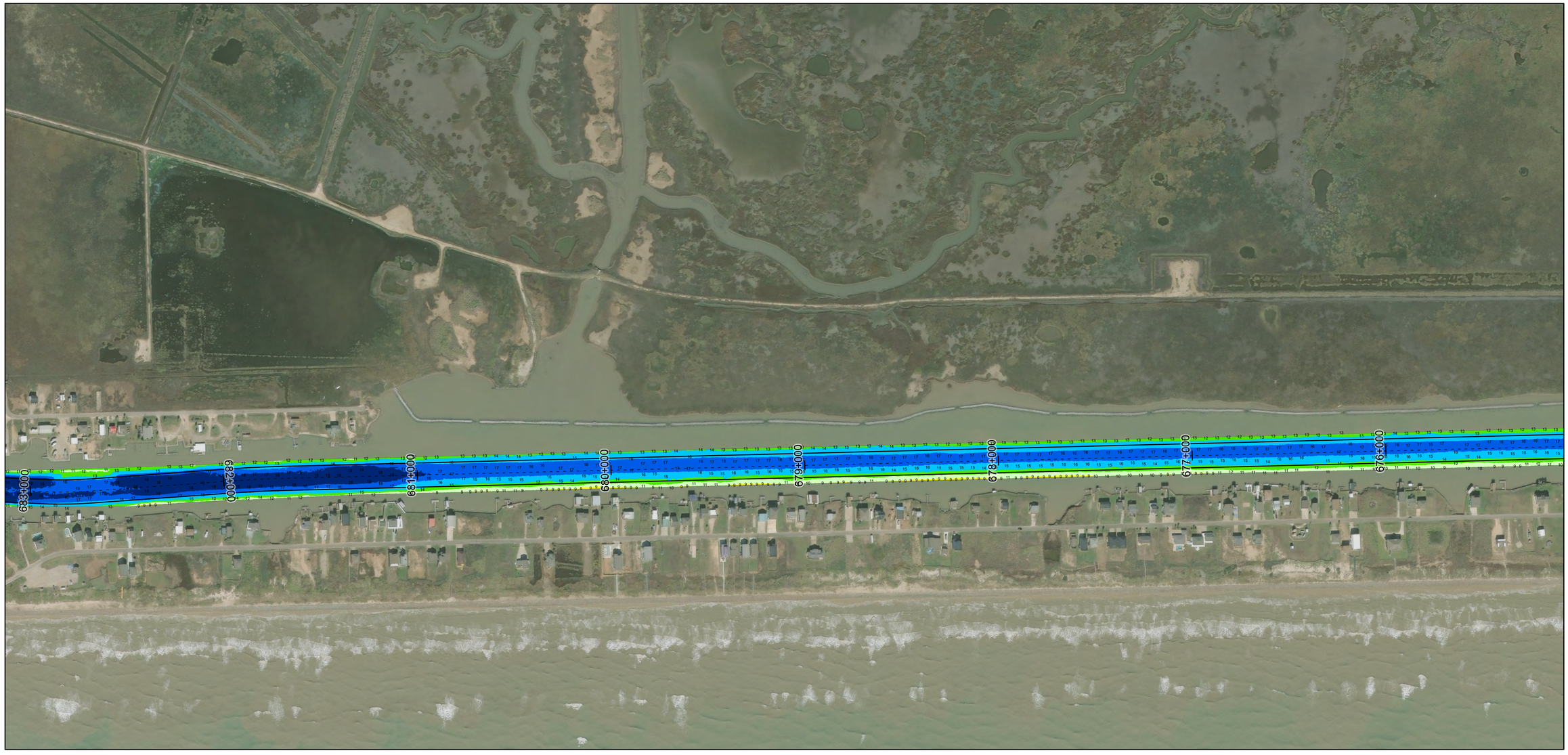


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date: 18 August 2026
Document Page: 9 of 25
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Width Range: 75ft to 125ft
Website Index Number: 99
Side Slope Ratio: (Rise : Run)
PDF Print Date: 9/16/2026

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

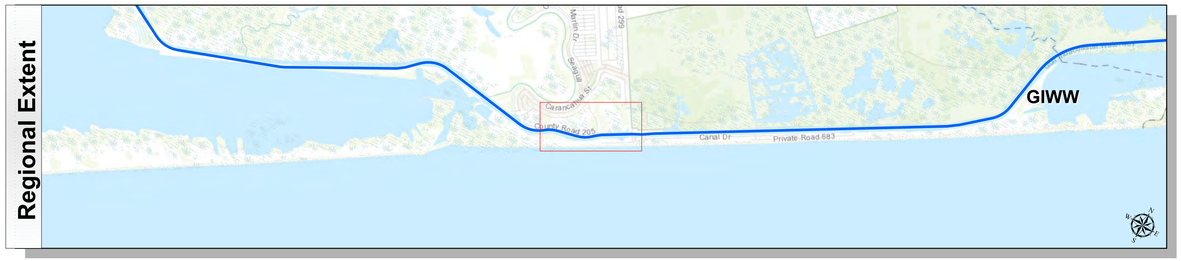
Hydrographic Survey Extent
0 255 510 1,020 Feet

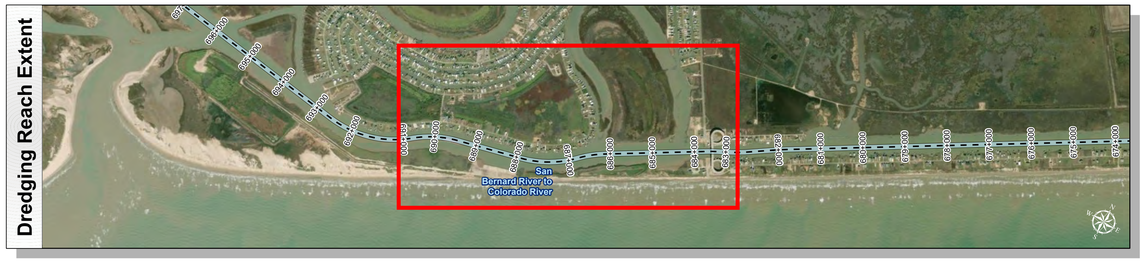
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

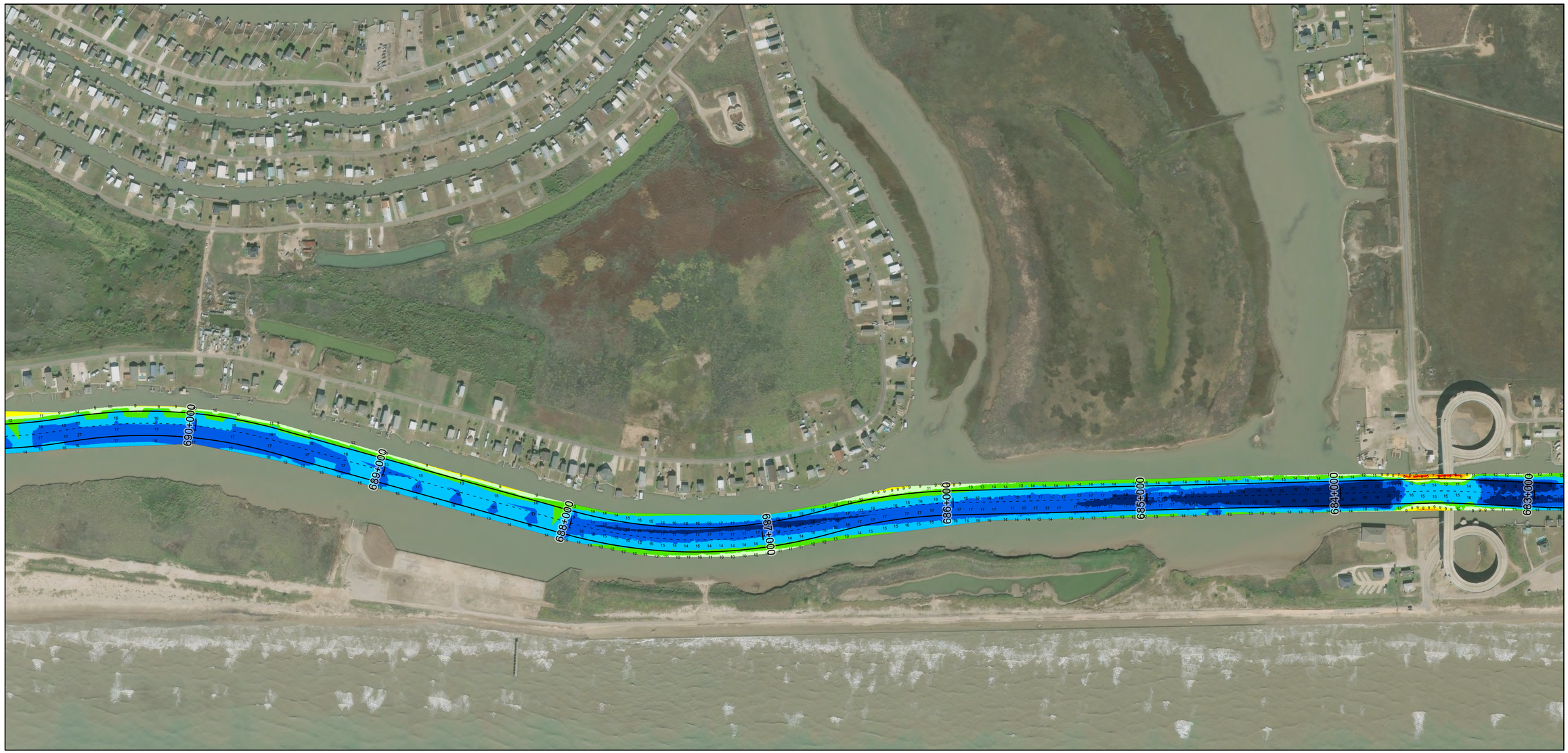
Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District









Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Latest Survey Collection Date: 18 August 2026
Document Page: 10 of 25
Website Index Number: 100
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:
Authorized Depth: -14ft.
Width Range: 75ft to 125ft
Side Slope Ratio: (Rise : Run)
PDF Print Date: 9/16/2026

N W E S

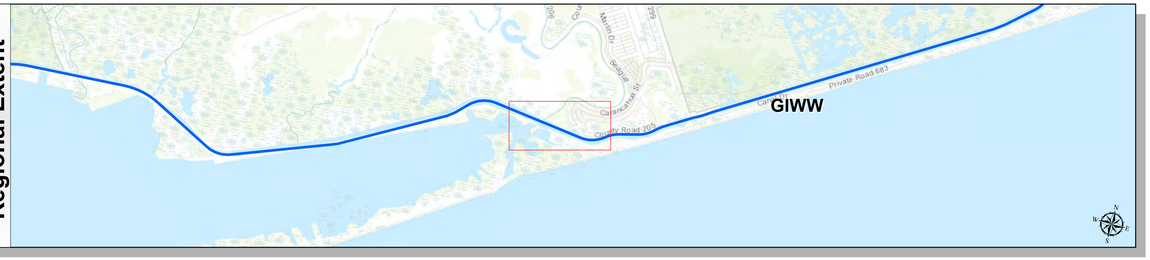
HYDROGRAPHIC SURVEY

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

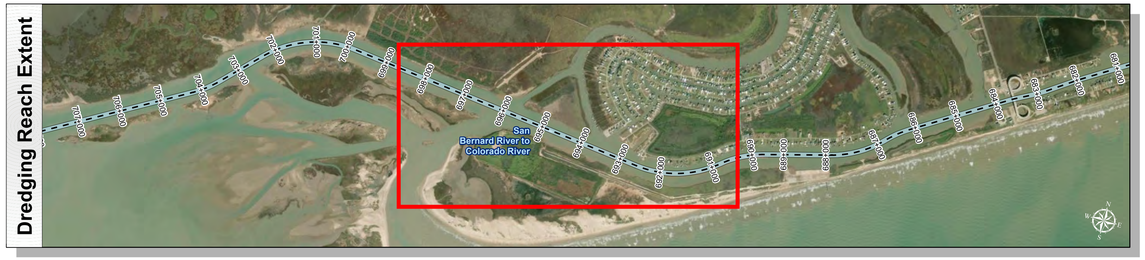
Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

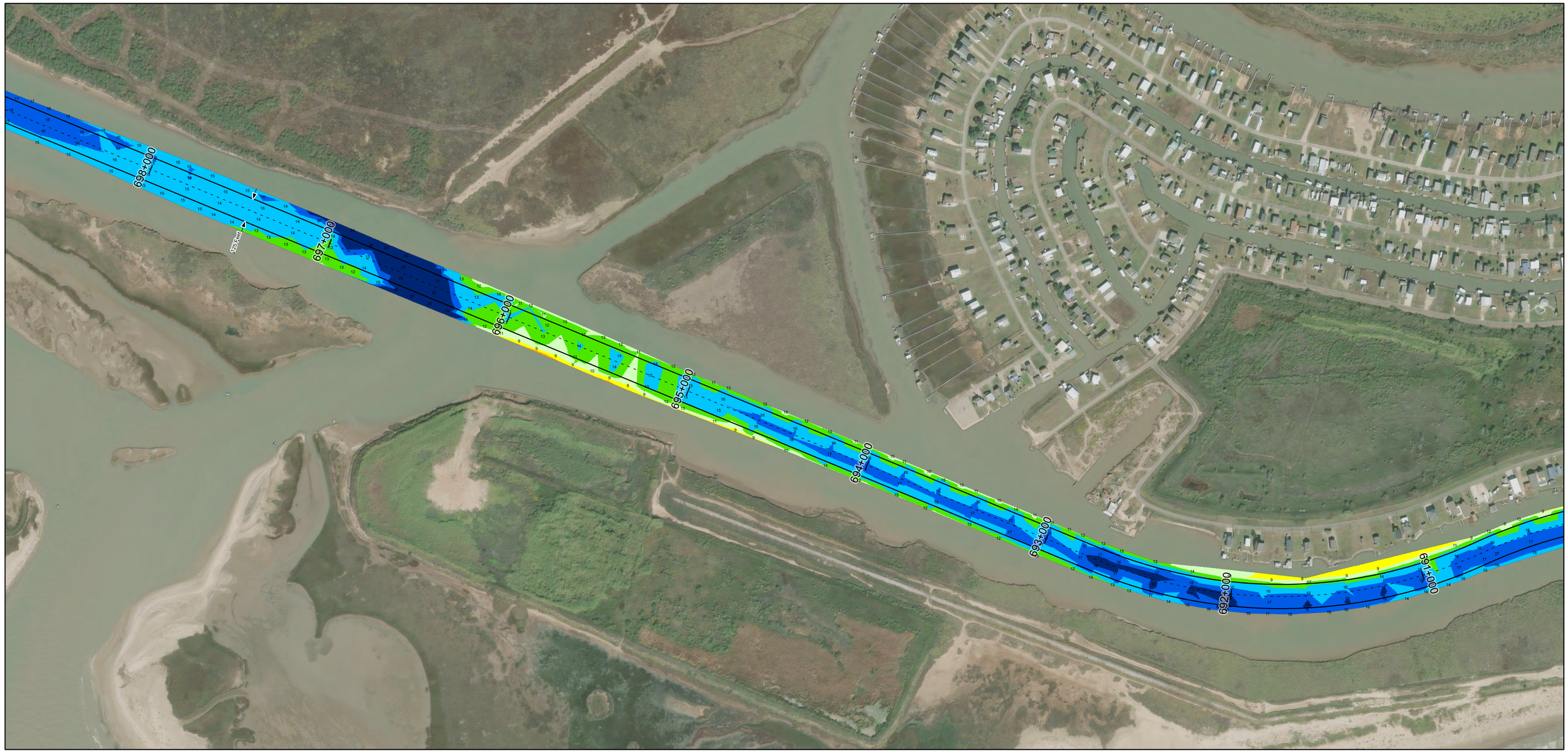
Regional Extent



Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 18 August 2026
Document Page: 11 of 25
Scale: 1:3,000
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Width Range: 75ft to 125ft
Website Index Number: 101
Side Slope Ratio: (Rise : Run)
PDF Print Date: 9/16/2026

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

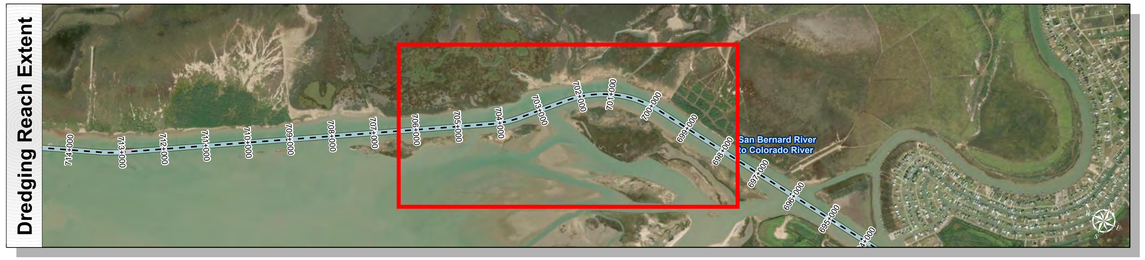
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: San Bernard River to Colorado River



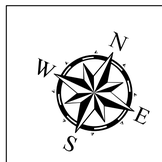


U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page:	12 of 25
Website Index Number:	102
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery info:	
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

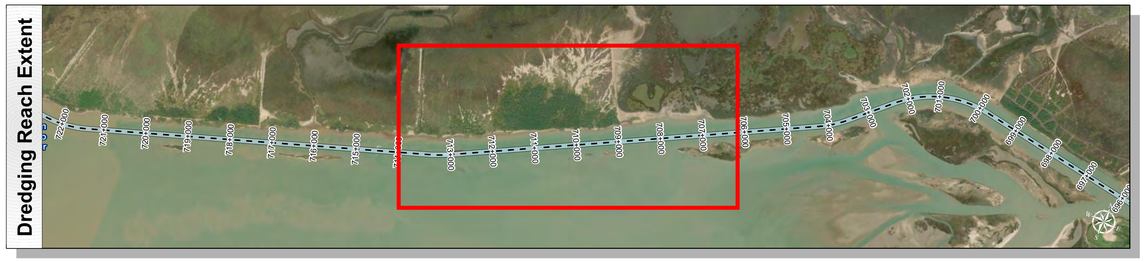
Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

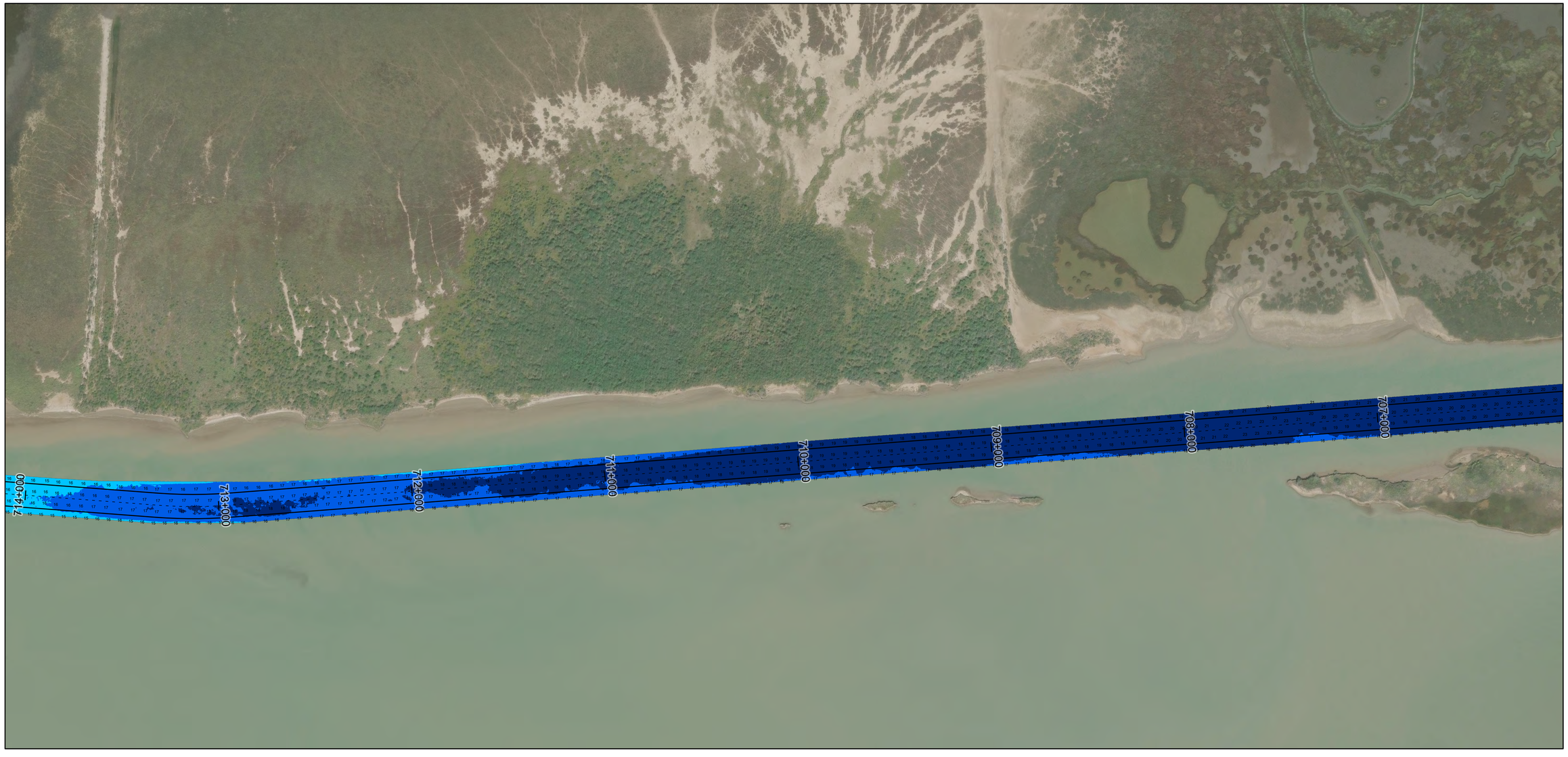
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 13 of 25	Website Index Number: 103
Scale: 1:3,000	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 9/16/2026
Additional Imagery info:	Authorized Depth: -14ft.

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

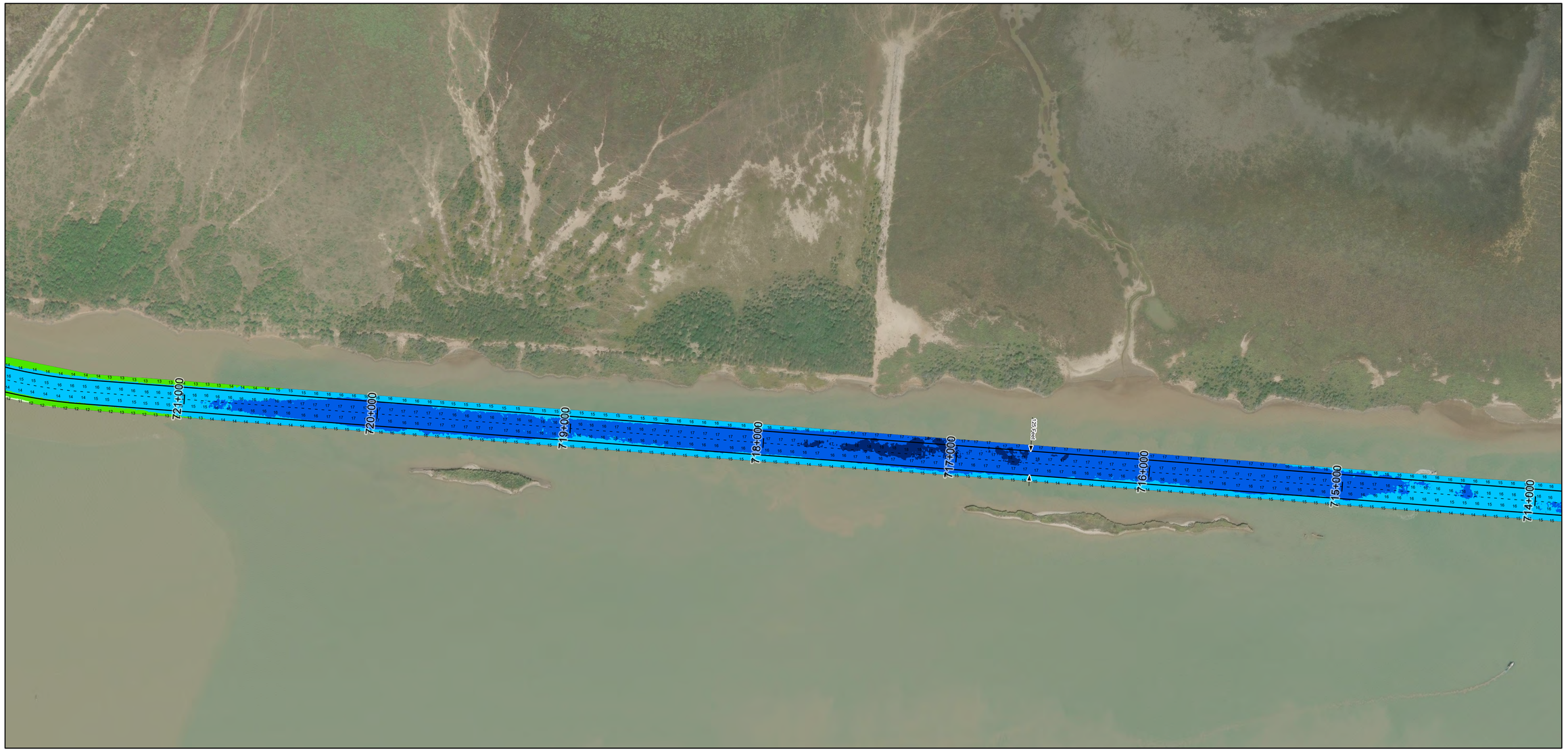
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page:	14 of 25
Scale:	1:3,000
Mapped by:	M3AOXPAC
Additional Imagery Info:	
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026
Website Index Number:	104

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/HydrographicSurveys/

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District

Regional Extent



Dredging Reach Extent







Latest Survey Collection Date:	18 August 2026
Document Page: 15 of 25	Website Index Number: 105
Scale: 1:3,000	
Mapped by: M3AOXPAC	
Additional Imagery info:	

Authorized Depth: -14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	



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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.3 0.6 1.2 Miles

Hydrographic Survey Extent
0 255 510 1,020 Feet

Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District

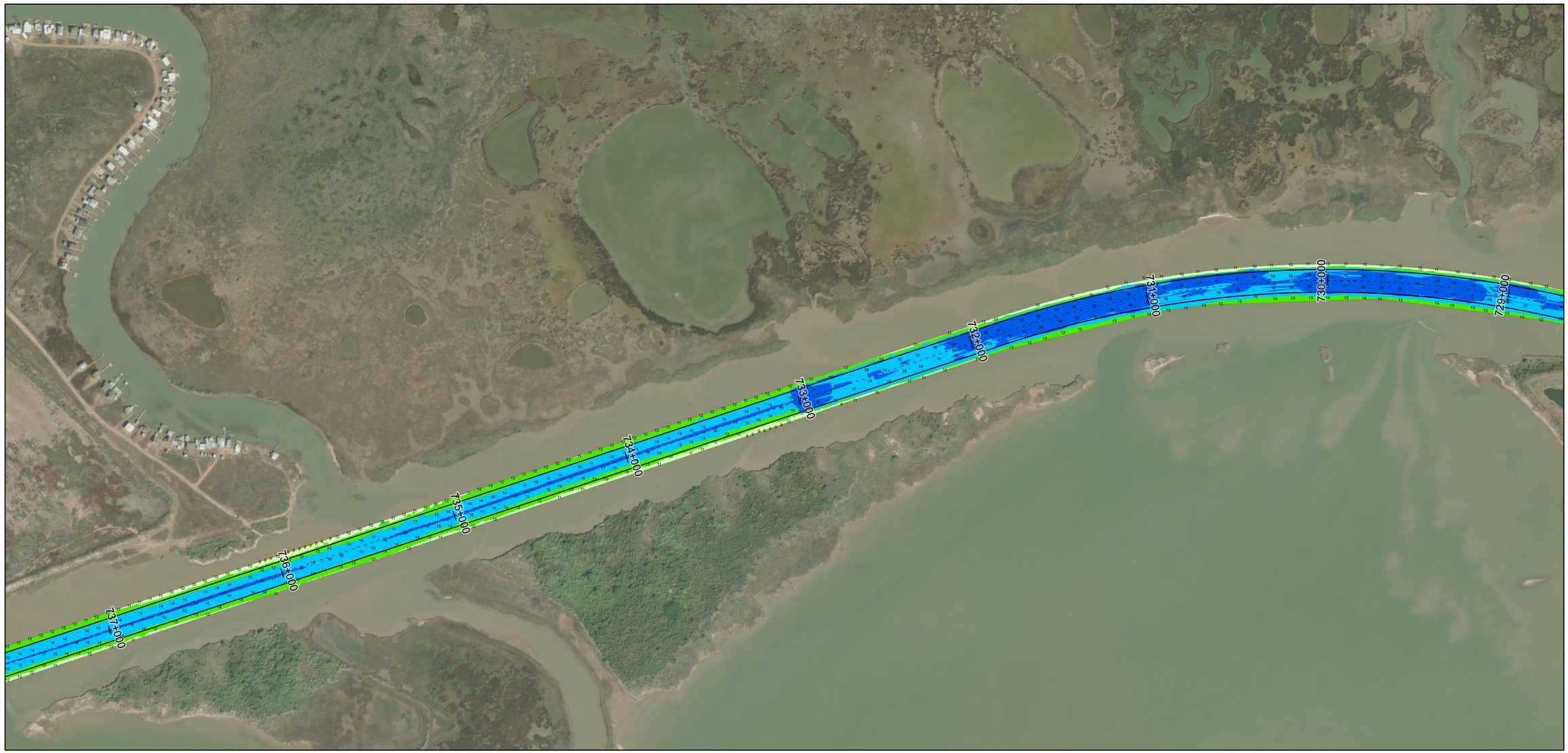
Regional Extent



Dredging Reach Extent







Latest Survey Collection Date:	18 August 2026
Document Page:	16 of 25
Scale:	1:3,200
Mapped by:	M3AOXPAC
Additional Imagery Info:	
Website Index Number:	106
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026

N
W E
S

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

HYDROGRAPHIC SURVEY

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

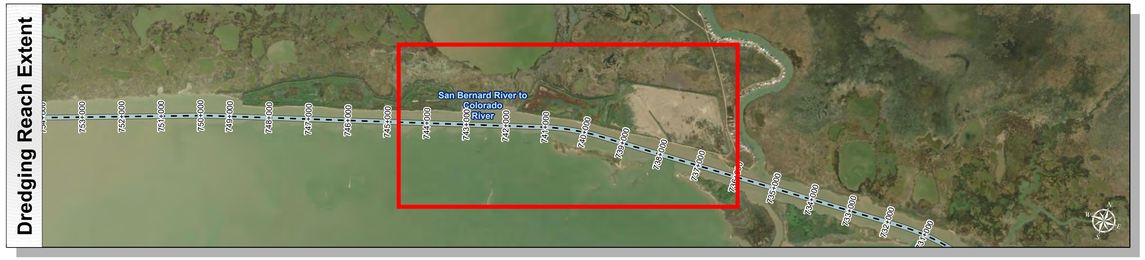
Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

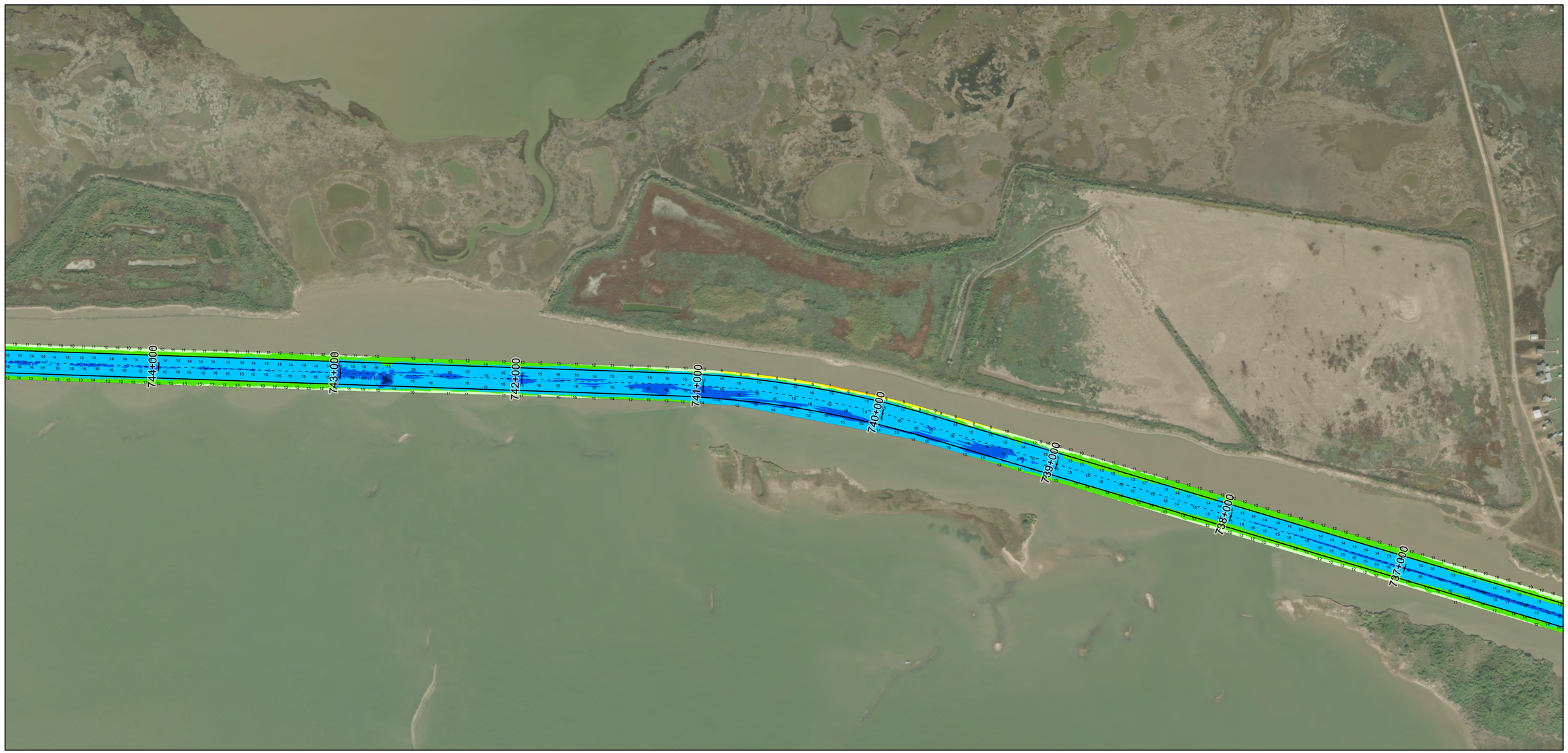


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 17 of 25	Website Index Number: 107
Scale: 1:3,200	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 9/16/2026
Additional Imagery info:	Authorized Depth: -14ft.
	Width Range: 75ft to 125ft

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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World_Imagery: Vantor
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000 _728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

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

Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

HYDROGRAPHIC SURVEY

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

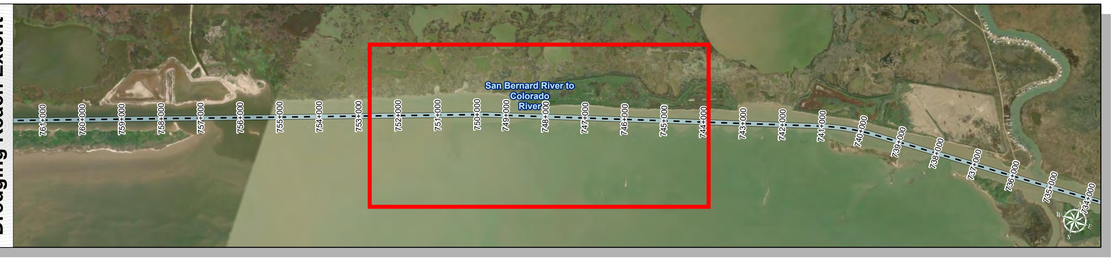
Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

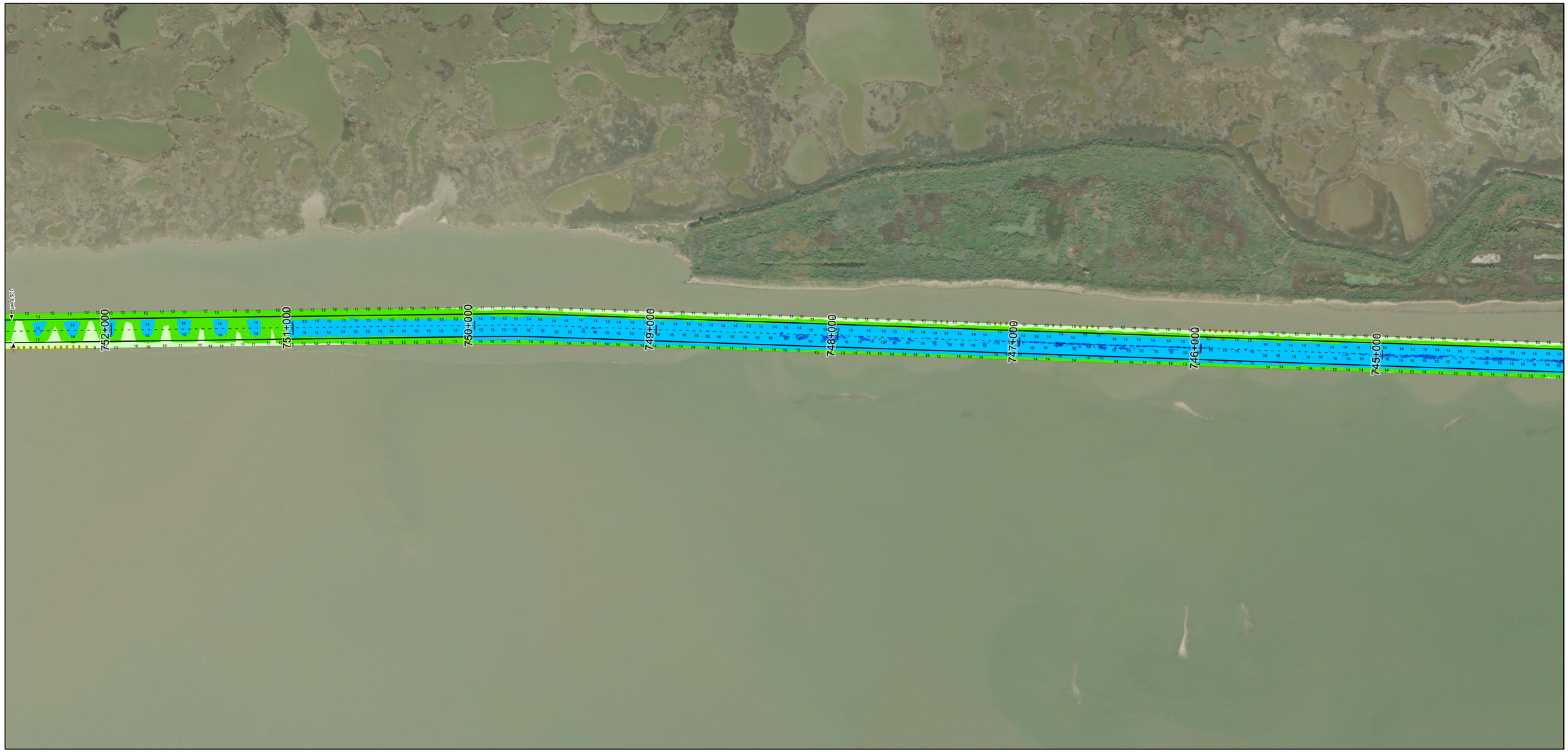


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page:	18 of 25
Website Index Number:	108
Scale:	1:3,200
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026
Mapped by:	M3AOXPAC
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 19 of 25	Website Index Number: 109
Scale: 1:3,200	
Mapped by: M3AOXPAC	
Additional Imagery info:	
Authorized Depth: -14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

NOTES:
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

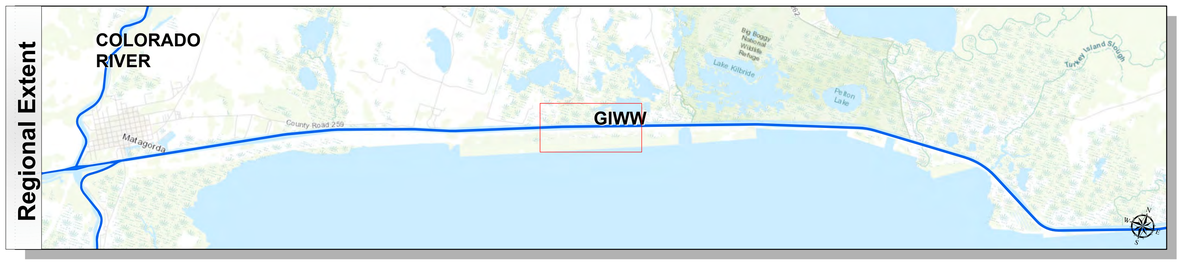
Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	18 August 2026
Document Page: 20 of 25	Website Index Number: 110
Authorized Depth: -14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
Scale: 1:3,200	
PDF Print Date: 9/16/2026	
Mapped by: M3AOXPAC	
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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World_Imagery: Vantor
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

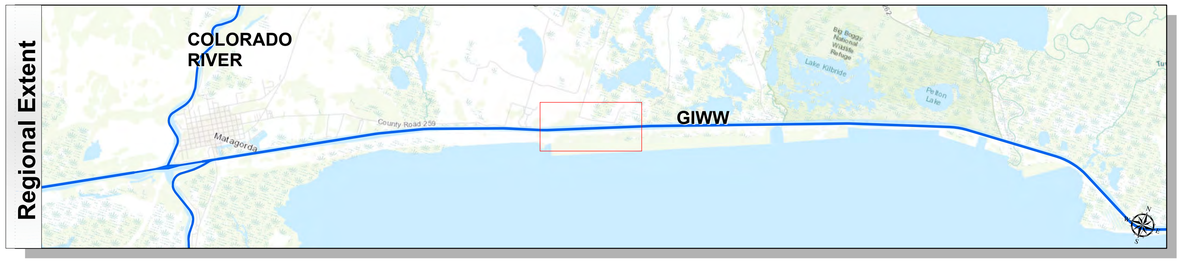
Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

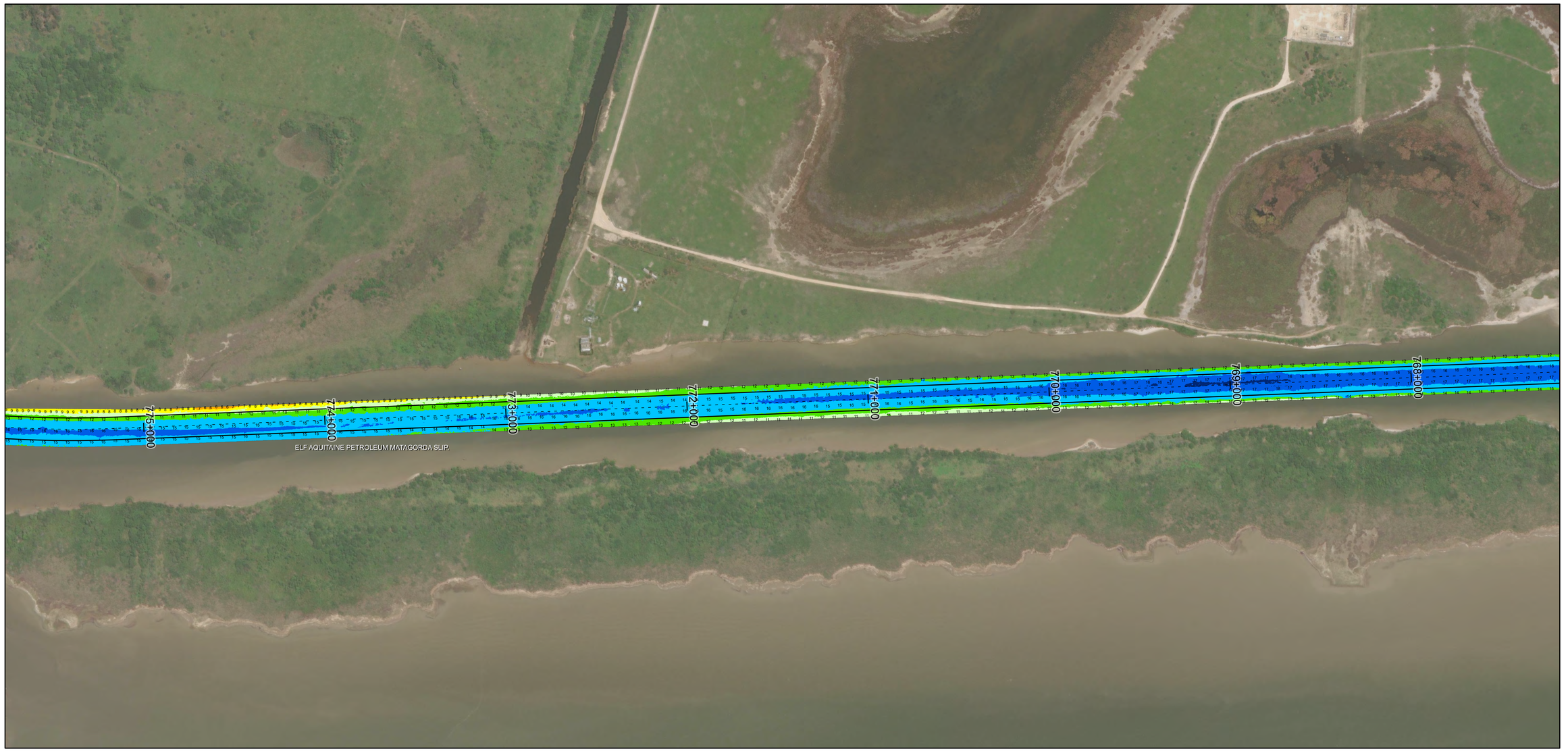
Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page:	21 of 25
Website Index Number:	111
Scale:	1:3,200
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026
Mapped by:	M3AOXPAC
Additional Imagery info:	



HYDROGRAPHIC SURVEY

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combinded survey dates 20260817_PR_15_19_688P000_704P600; 20260304_AD_05_692P000_695P000; 20260814_PR_614P000_650P000; 20260317_AD_06_695P000_698P000, 20260326_PR_624P000_688P000, 20260323_AD_07_698P000_703P000, 20260326_PR_703P000_728P000, 20260326 AD_08_728P000 _733P000, 20260402 _PR_755P000_805P000; 20262818_PR_19_20_802P000_805P000; 20260817_PR_15_19_688P000_704P600; 20260403_AD_09 _739P000_743P000, 20260403_AD_03_670P000_675P000, 20260403_PR_733P000 -755P000; 20262818_PR_19_20_751P000_755P000.

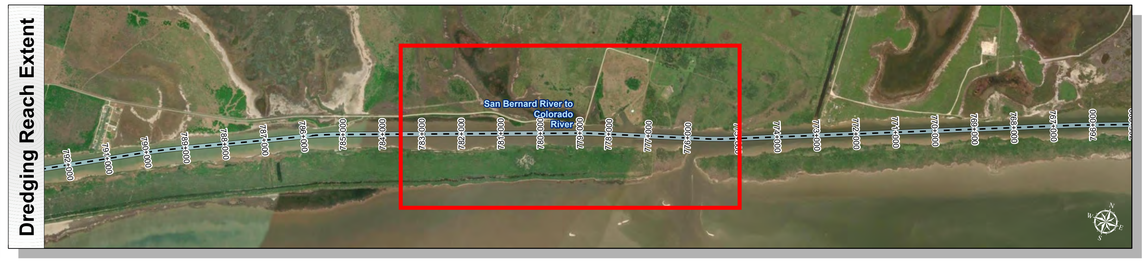
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

Gulf Intracoastal Waterway: San Bernard River to Colorado River





U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date:	18 August 2026
Document Page: 22 of 25	Website Index Number: 112
Scale: 1:3,200	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 9/16/2026
Additional Imagery info:	

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - -4	4 - -6	6 - -8	8 - -10	10 - -12	12 - -14	14 - -16	16 - -18	< -18

NOTES:
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3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by er1110-1-8152.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Vantor
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Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.33 0.65 1.3 Miles

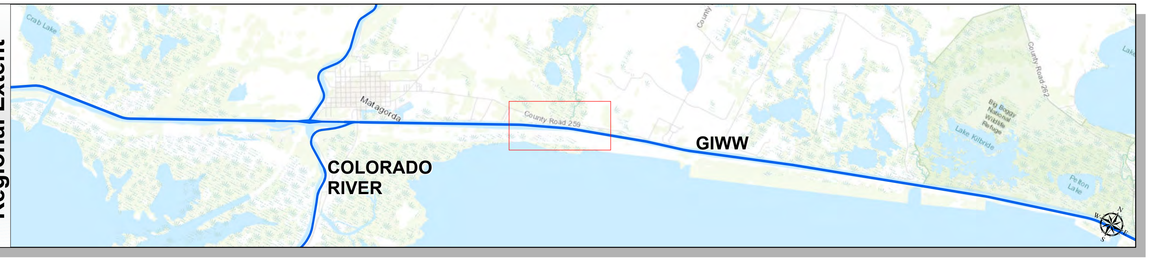
Hydrographic Survey Extent
0 275 550 1,100 Feet

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Gulf Intracoastal Waterway: San Bernard River to Colorado River

Regional Extent

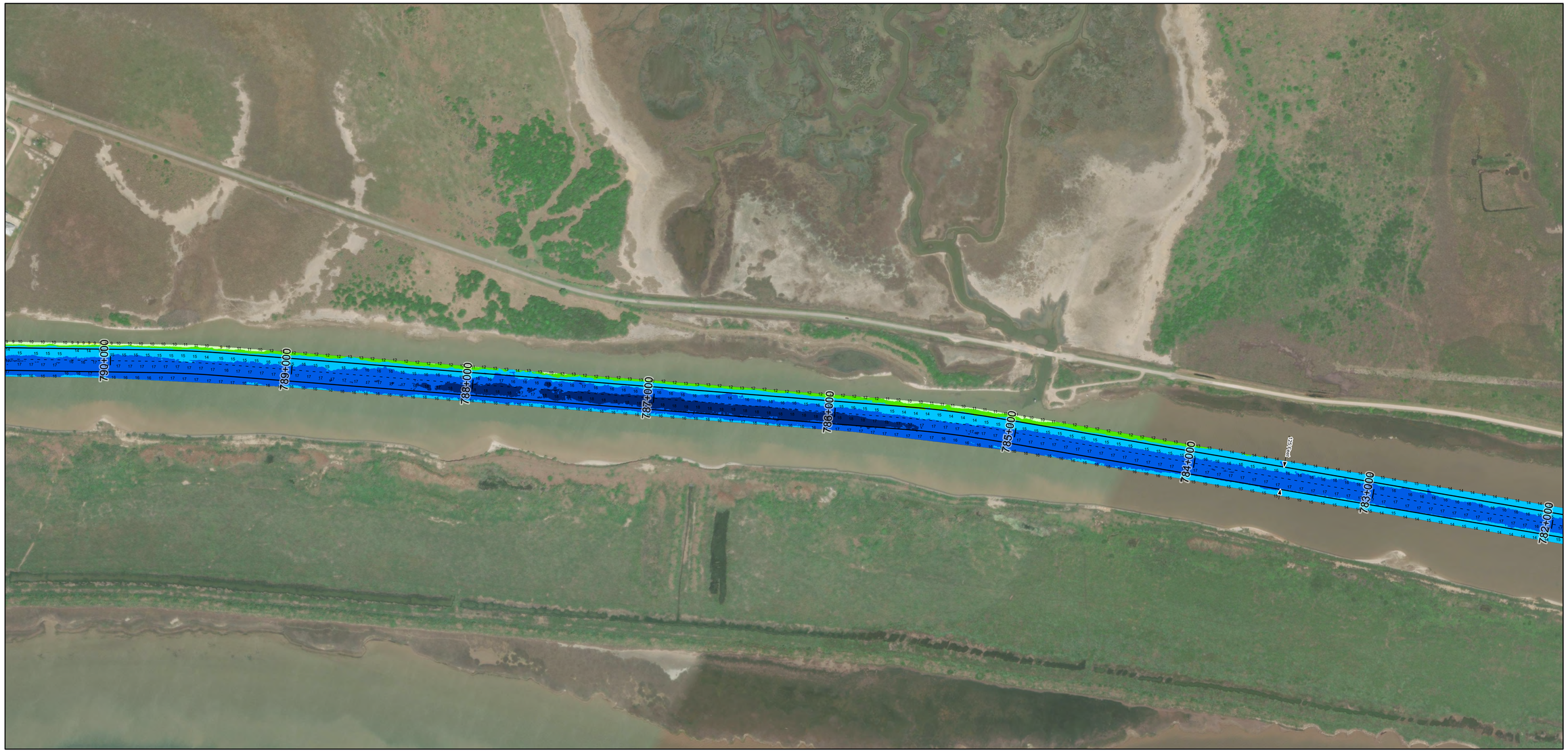


Dredging Reach Extent



U.S. Army Corps of Engineers
Galveston District





Latest Survey Collection Date: 18 August 2026
Document Page: 23 of 25
Scale: 1:3,200
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -14ft.
Width Range: 75ft to 125ft
Website Index Number: 113
Side Slope Ratio: (Rise : Run)
PDF Print Date: 9/16/2026

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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

0 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18

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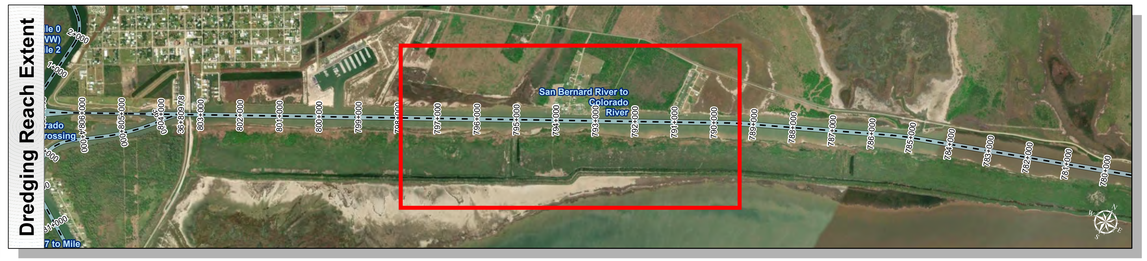
Dredging Reach Extent
0 0.33 0.65 1.3 Miles

Hydrographic Survey Extent
0 275 550 1,100 Feet

Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District









Latest Survey Collection Date:	18 August 2026
Document Page:	24 of 25
Scale:	1:3,200
Mapped by:	M3AOXPAC
Additional Imagery Info:	
Authorized Depth:	-14ft.
Width Range:	75ft to 125ft
Website Index Number:	114
Side Slope Ratio:	(Rise : Run)
PDF Print Date:	9/16/2026



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

Station: 614+000 to 805+000
GIWW
San Bernard River to Colorado River

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW
0 - 4 | 4 - 6 | 6 - 8 | 8 - 10 | 10 - 12 | 12 - 14 | 14 - 16 | 16 - 18 | < 18

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

Dredging Reach Extent
0 | 0.33 | 0.65 | 1.3 Miles

Hydrographic Survey Extent
0 | 275 | 550 | 1,100 Feet

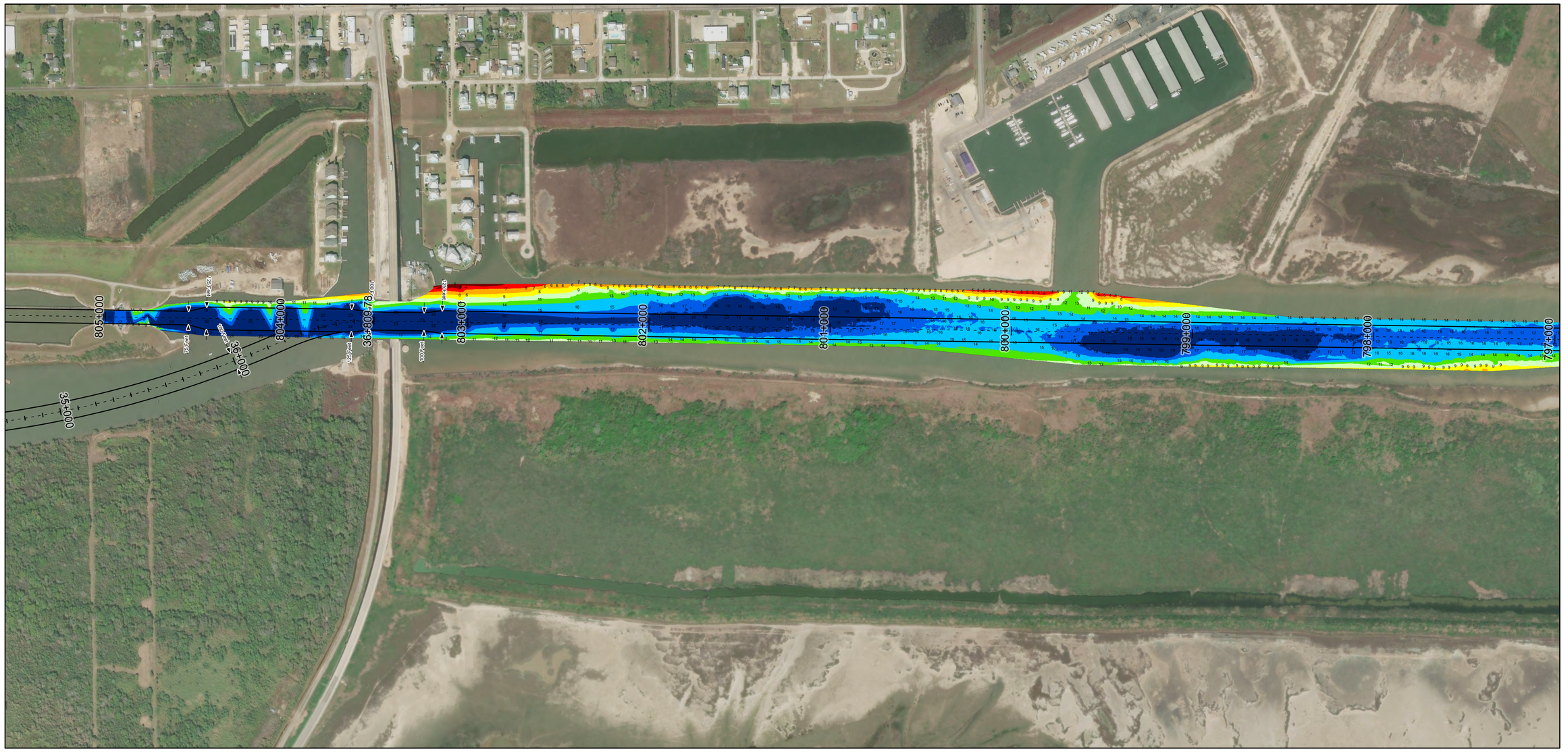
Gulf Intracoastal Waterway: San Bernard River to Colorado River

U.S. Army Corps of Engineers
Galveston District









Authorized Depth: -14ft.	
Width Range: 75ft to 125ft	
Side Slope Ratio: (Rise : Run)	
PDF Print Date: 9/16/2026	
Latest Survey Collection Date: 18 August 2026	
Document Page: 25 of 25	Website Index Number: 115
Scale: 1:3,200	
Mapped by: M3AOXPAC	
Additional Imagery info:	

N
W E
S

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

Station: 614+000 to 805+000
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