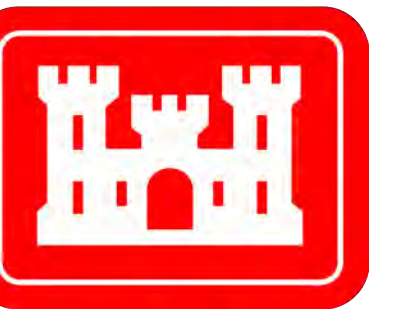
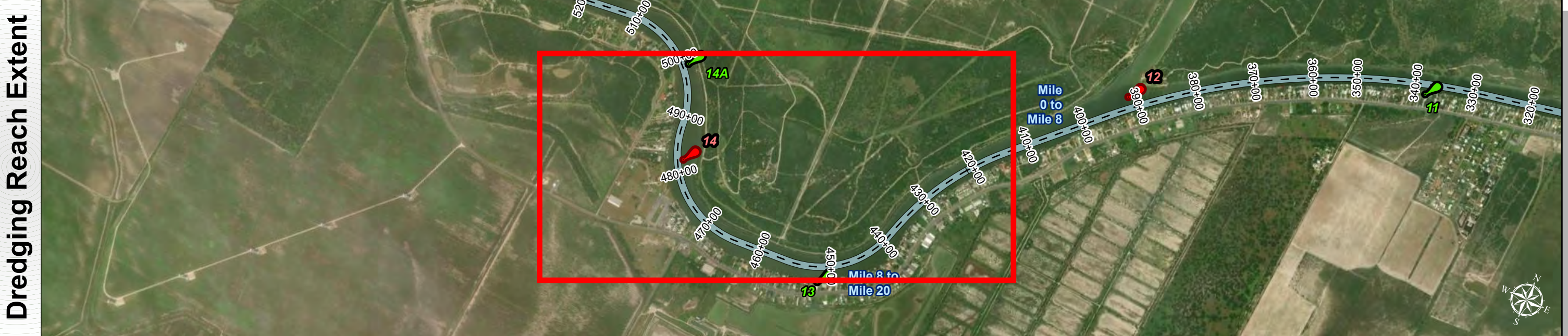


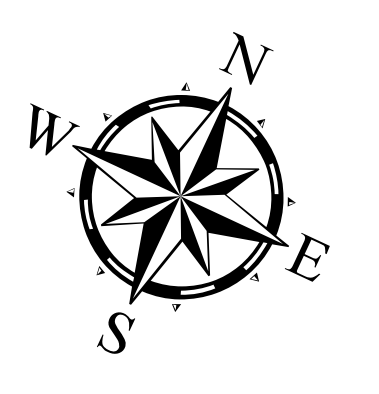
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 1 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

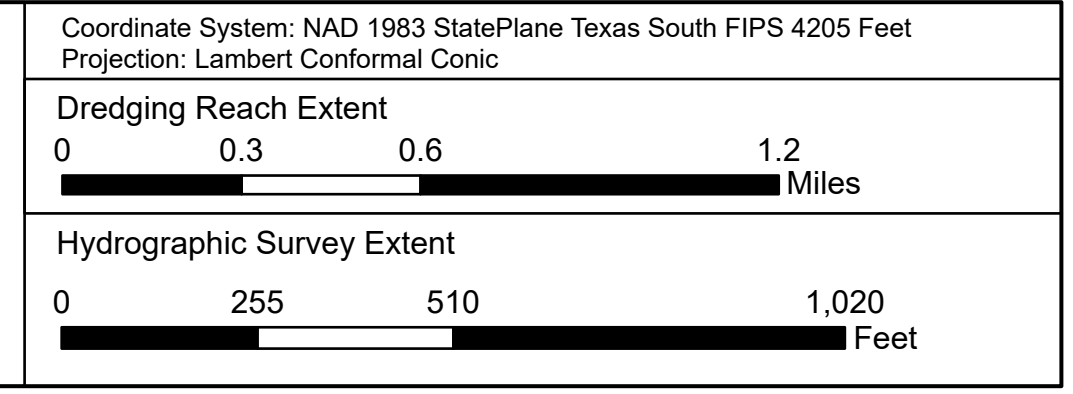
0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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 er1110-1d132.
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- For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

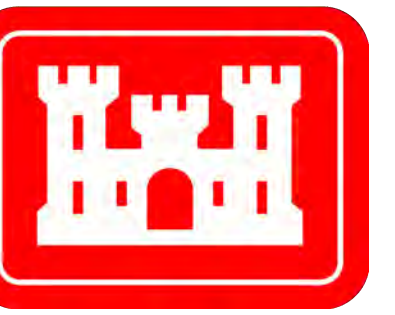
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



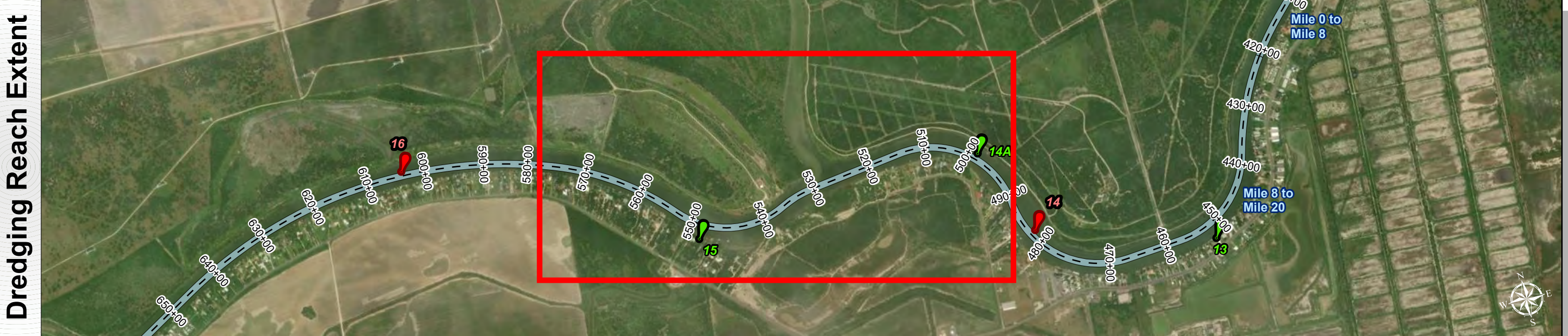
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

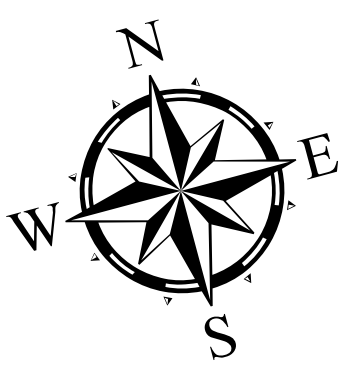
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 2 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

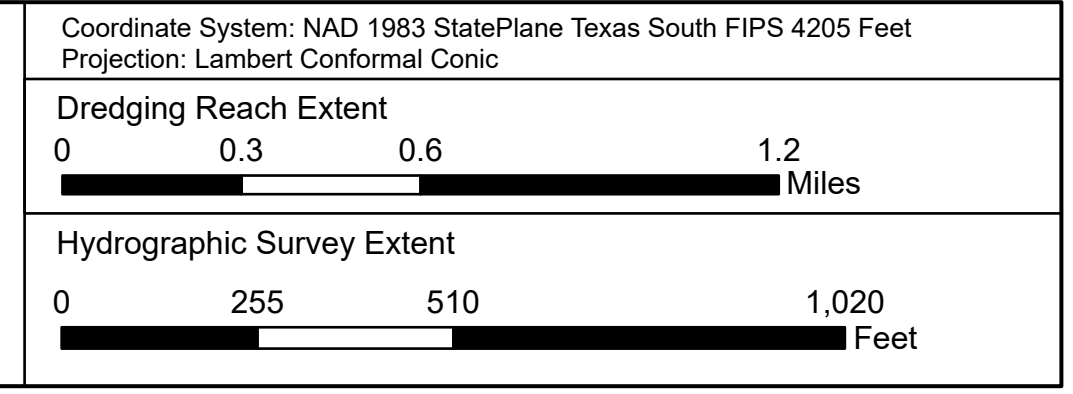
0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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 er1110-1-8132.
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5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

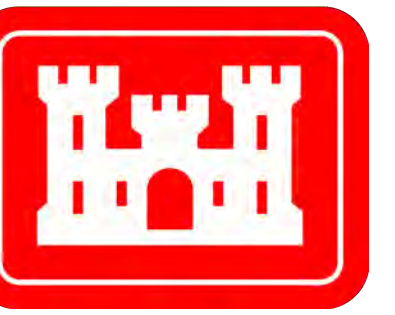
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



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

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

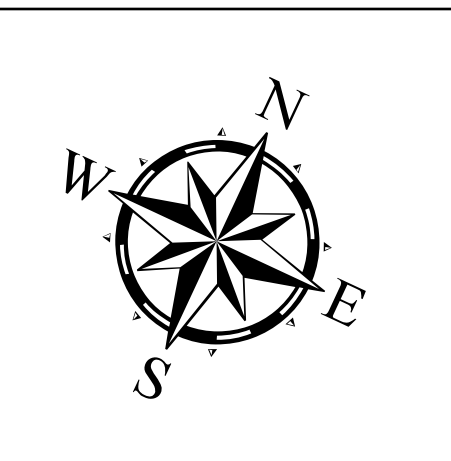
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 3 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

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World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

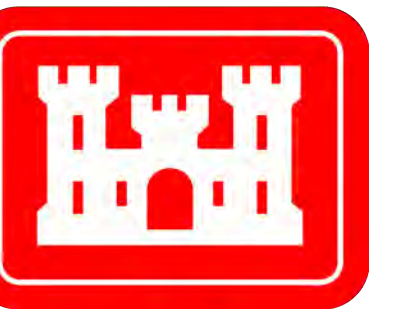
Dredging Reach Extent

Hydrographic Survey Extent

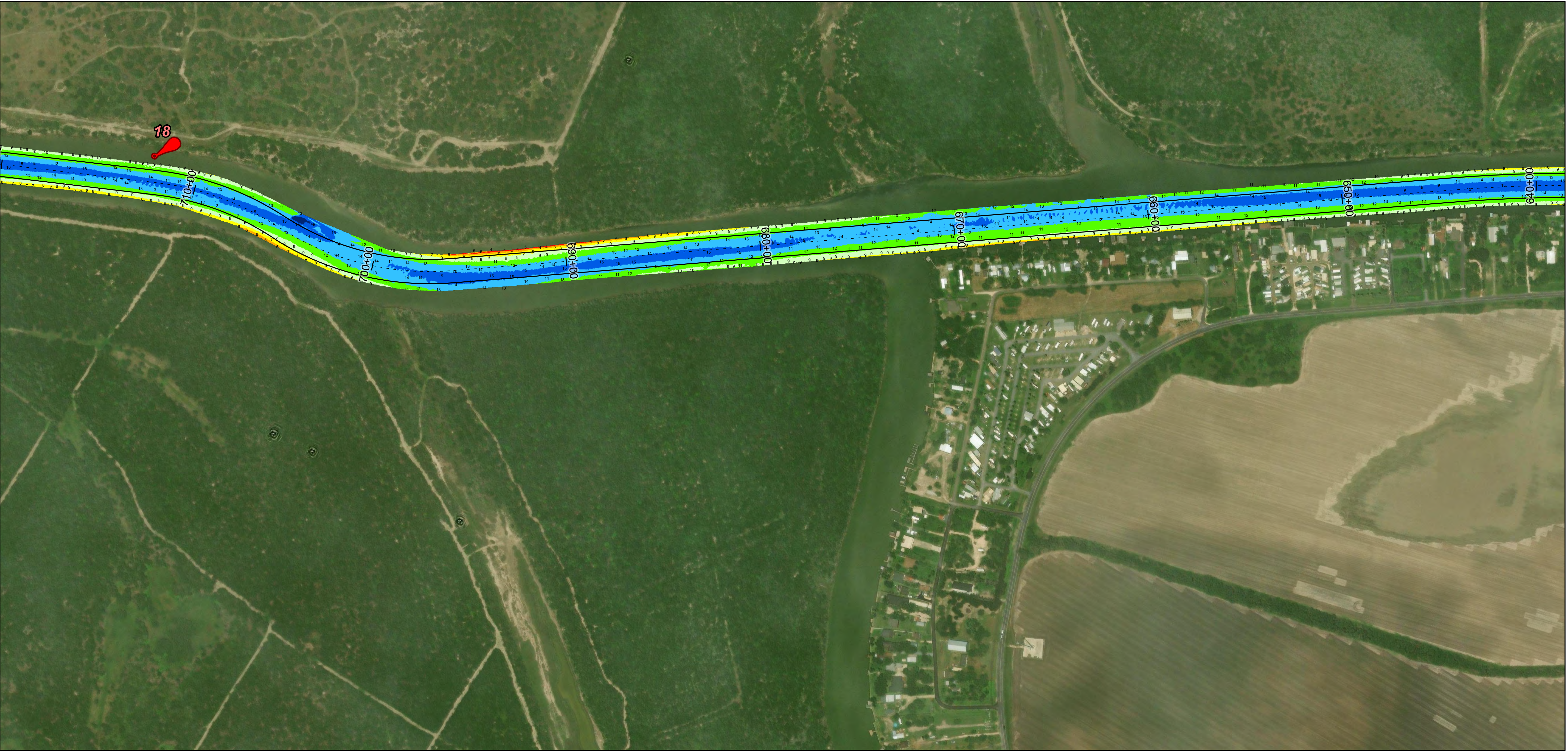
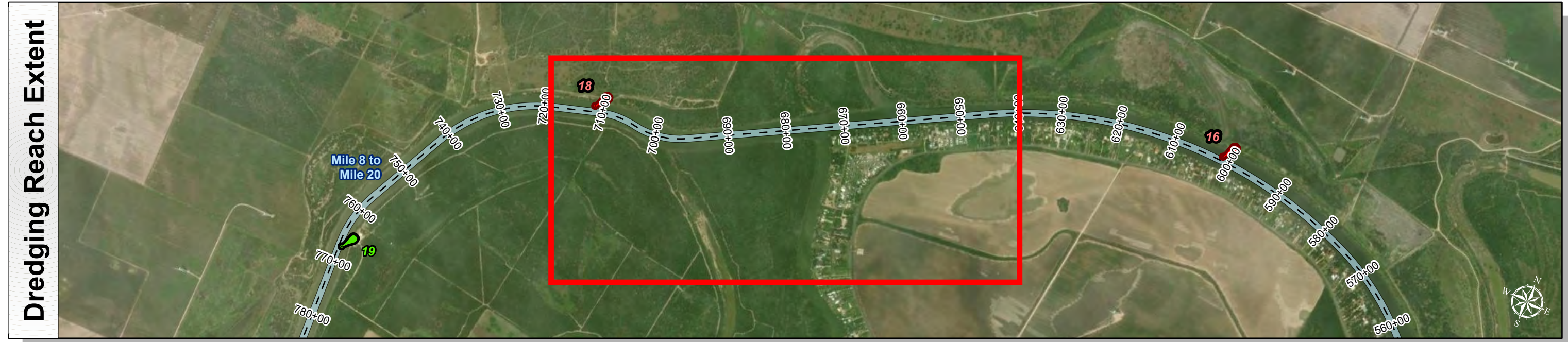
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

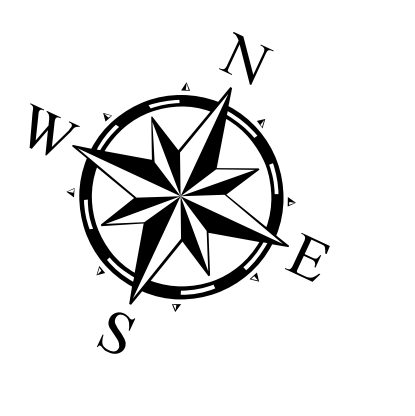
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 4 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

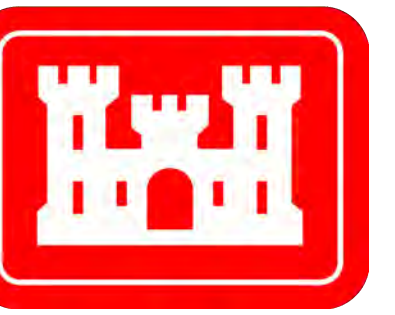
Dredging Reach Extent

Hydrographic Survey Extent

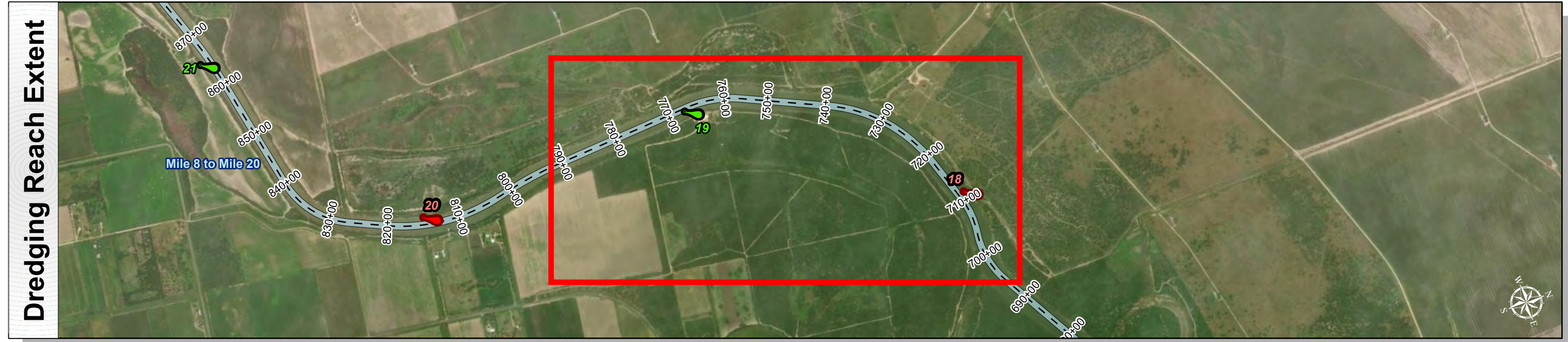
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

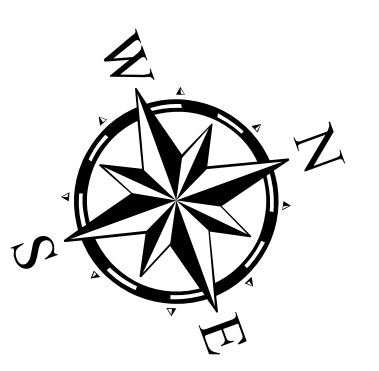
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 5 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

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World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

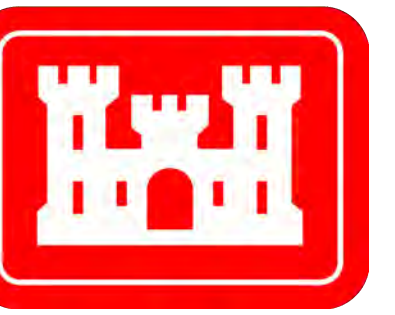
Dredging Reach Extent

Hydrographic Survey Extent

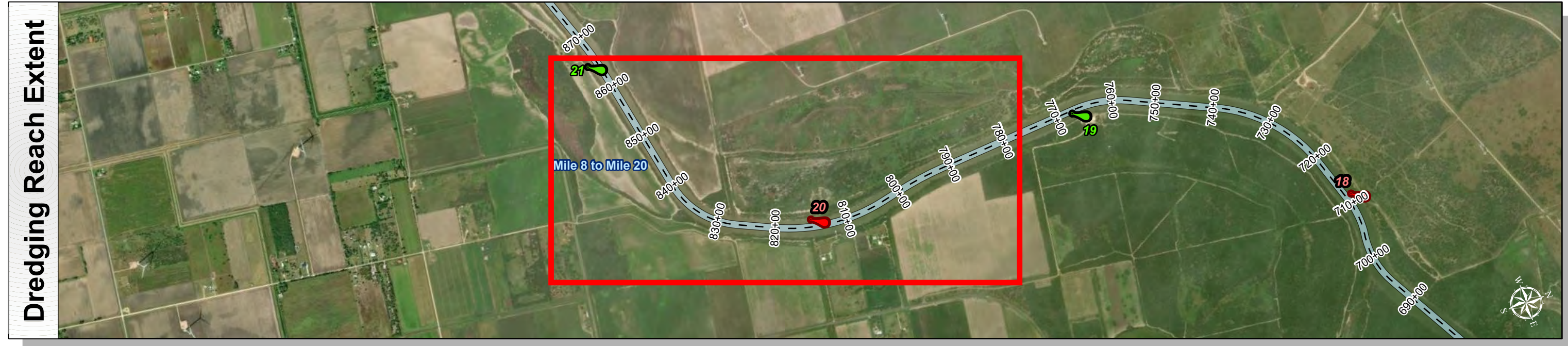
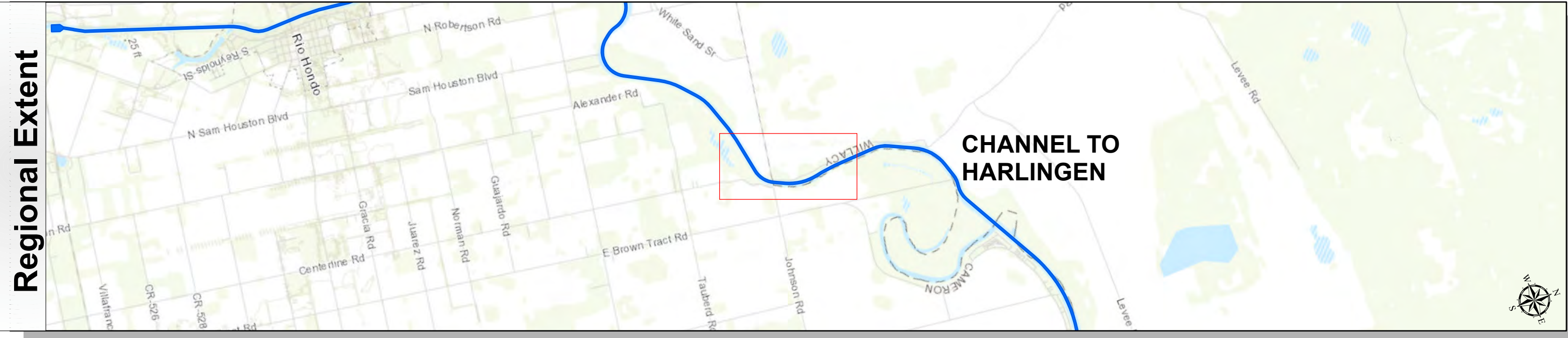
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

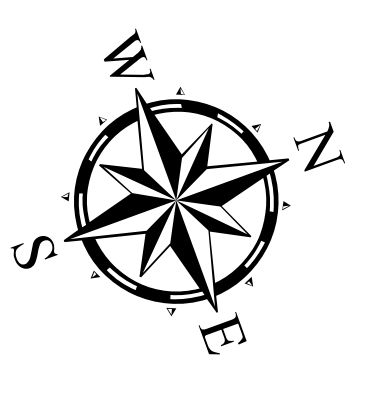
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 6 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

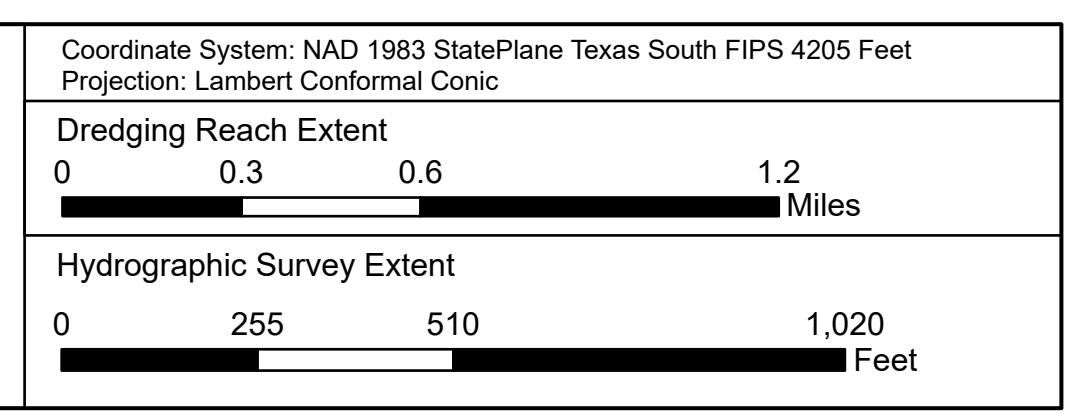
0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

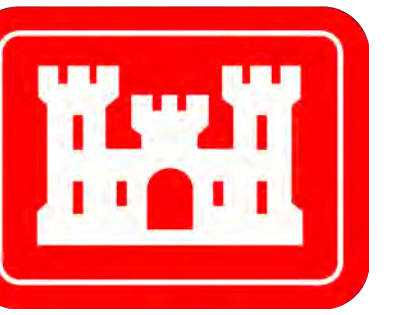
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



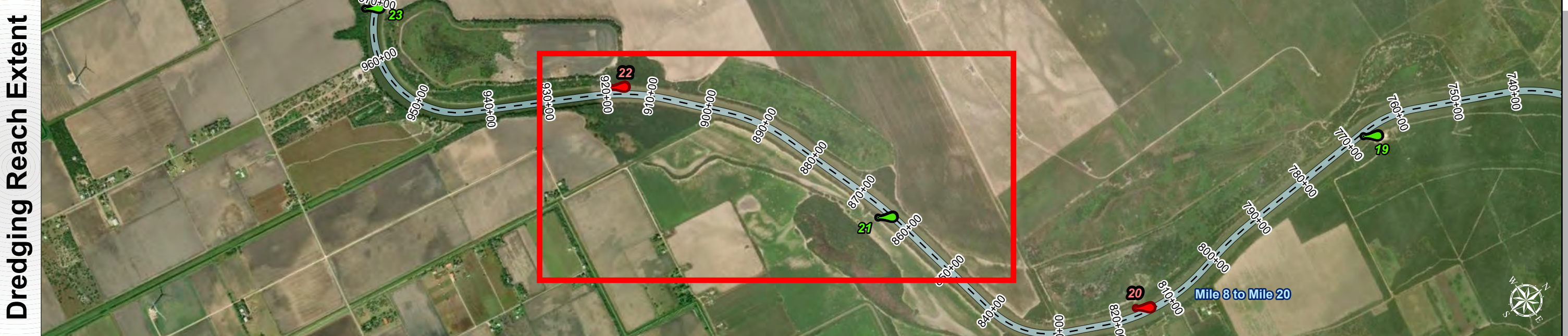
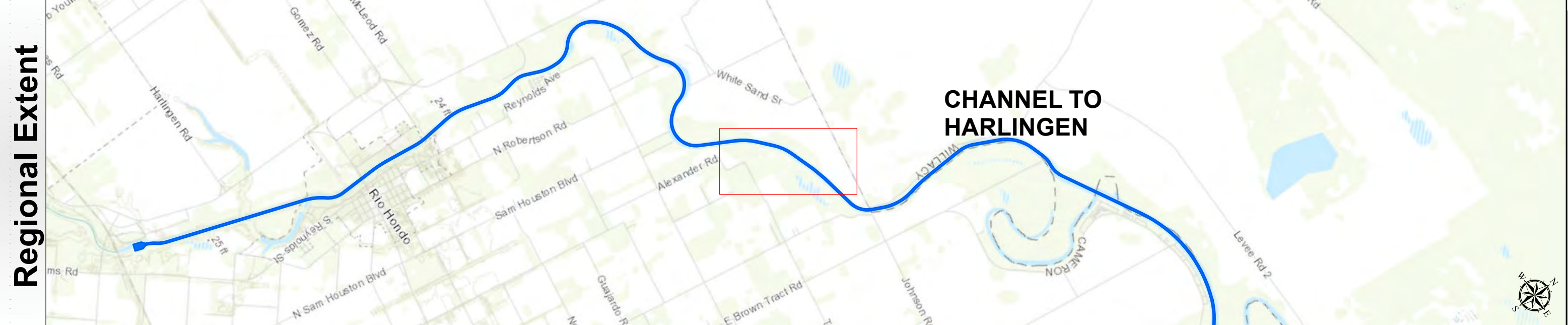
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 7 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

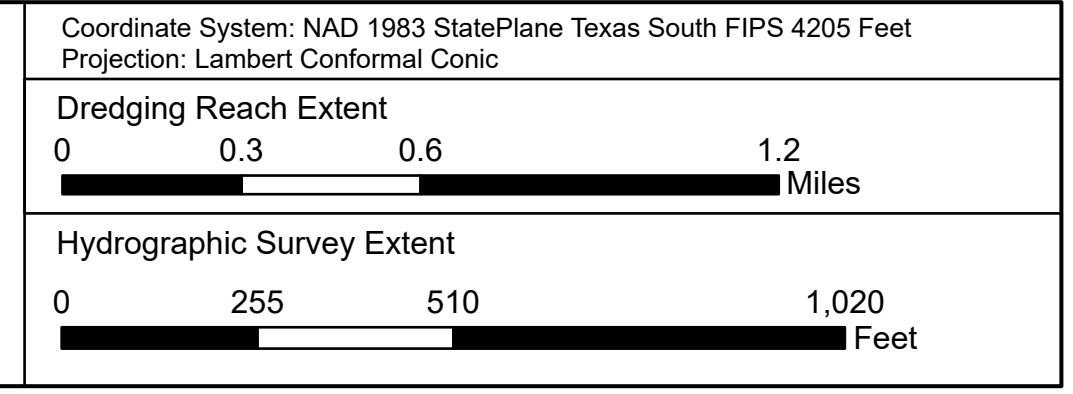
0-3	3-5	5-7	7-9	9-11	11-13	13-15	15-17	<17
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NOTES:

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

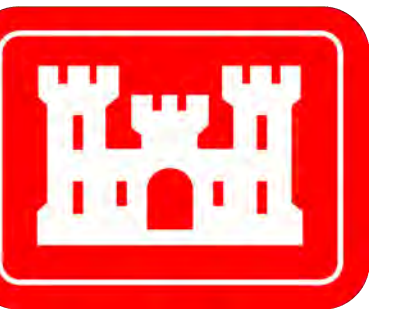
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



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

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

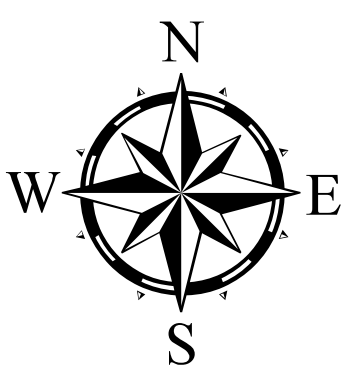
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 8 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	
Website Index Number: 16	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

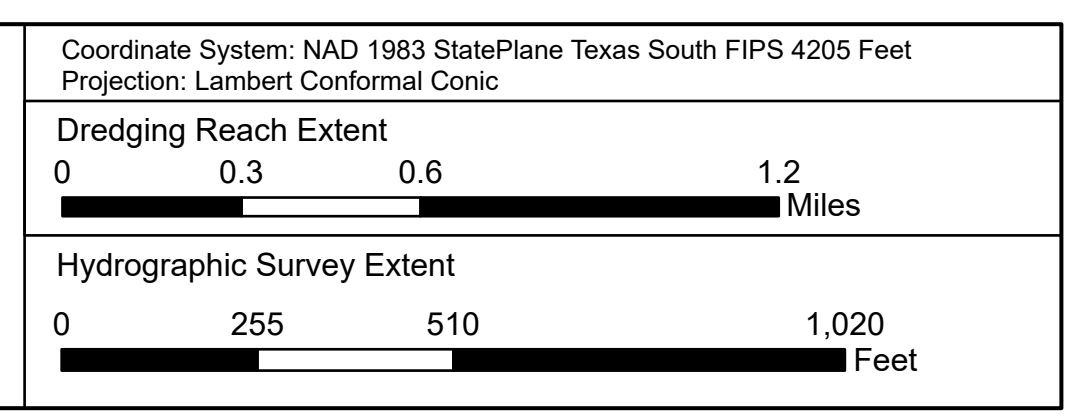
0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalView

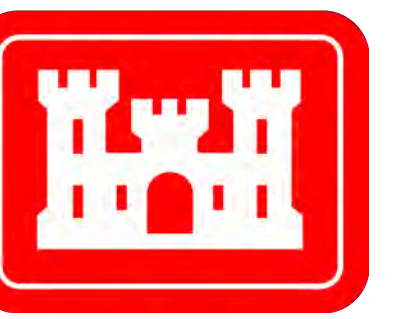
Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE



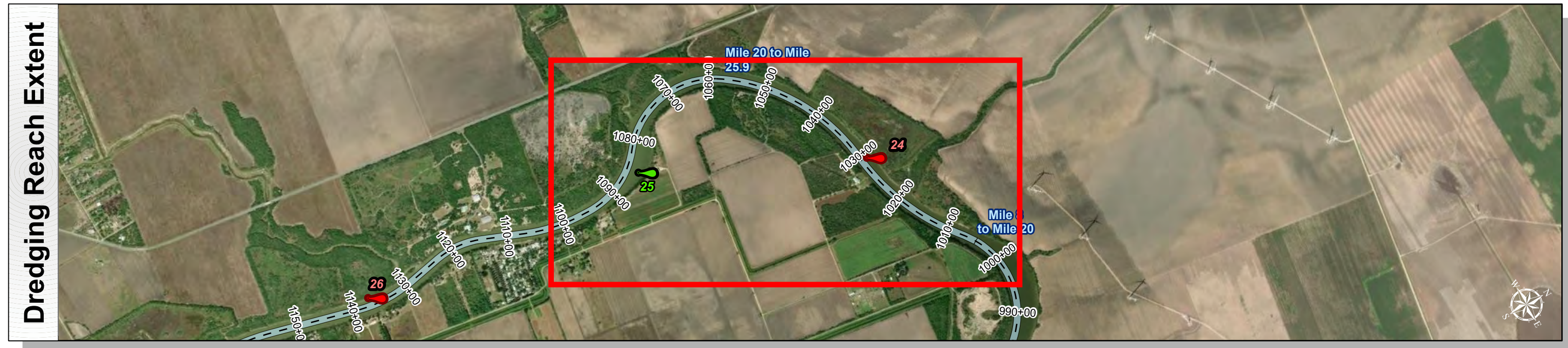
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20

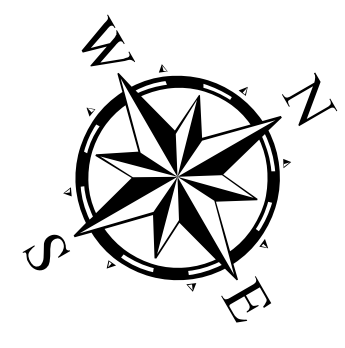
Channel to Harlingen: Mile 8 to Mile 20



U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 09 April 2025	Authorized Depth: -13ft.
Document Page: 9 of 9	Width Range: 125ft to 125ft
Scale: 1:3,000	Side Slope Ratio: 1:02 (Rise : Run)
Mapped by: M3AOXPAC	PDF Print Date: 4/17/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- ↔ Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

LWD

0 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	15 - 17	< 17
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NOTES:

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
- 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, g132.
- 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.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>

Service Layer Credits: World Topographic Map; Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
COMB_SURV_INFO_HERE

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

Hydrographic Survey Extent

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

Station: 420+00 to 1060+00
CHANNEL TO HARLINGEN
Mile 8 to Mile 20