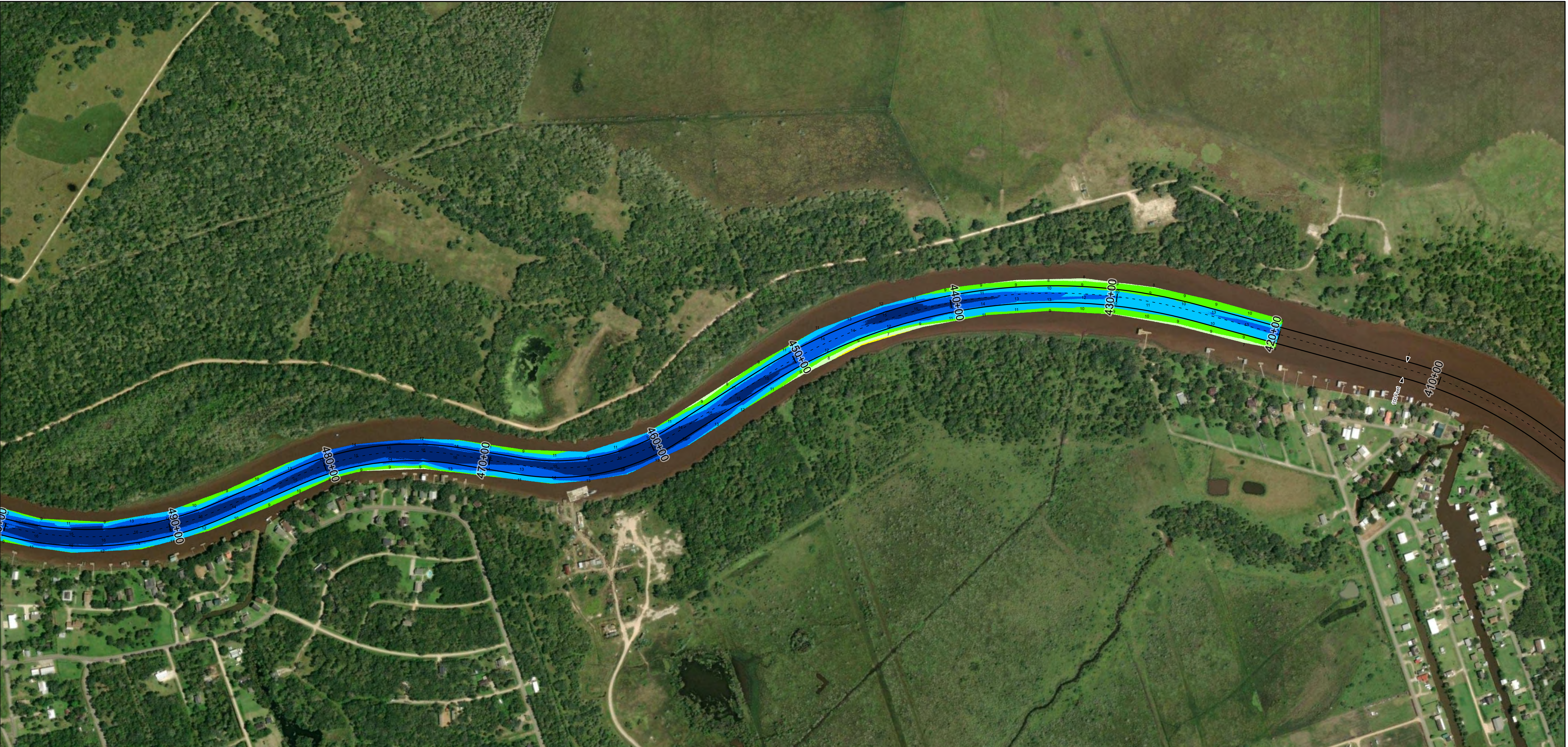
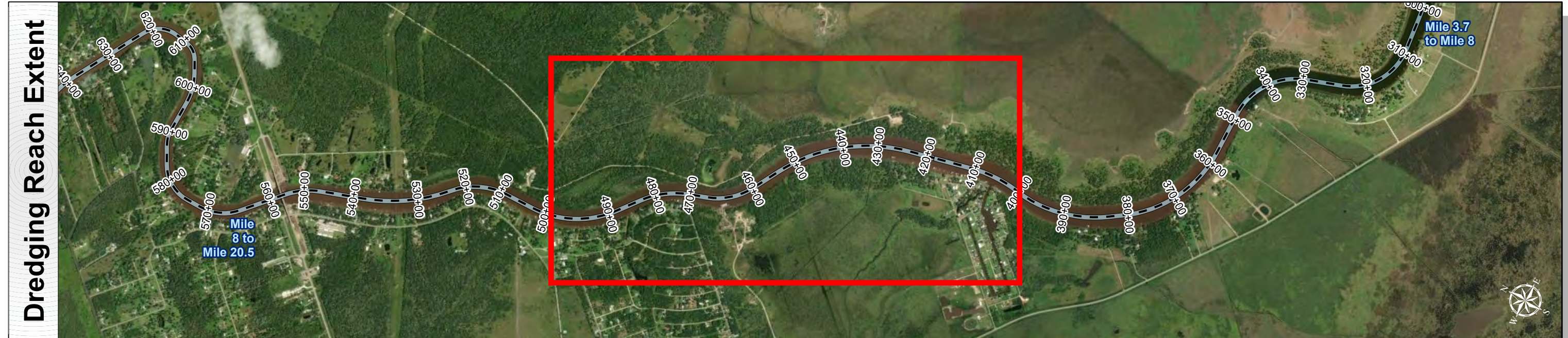


# San Bernard River Channel: Mile 8 to Mile 20.5



U.S. Army Corps of Engineers  
Galveston District



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 1 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central 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 er1110-1-8132.
- 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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

**Dredging Reach Extent**

0 0.35 0.7 1.4 Miles

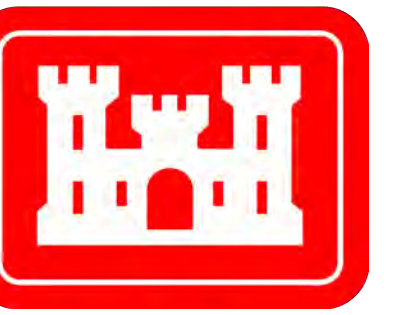
**Hydrographic Survey Extent**

0 300 600 1,200 Feet

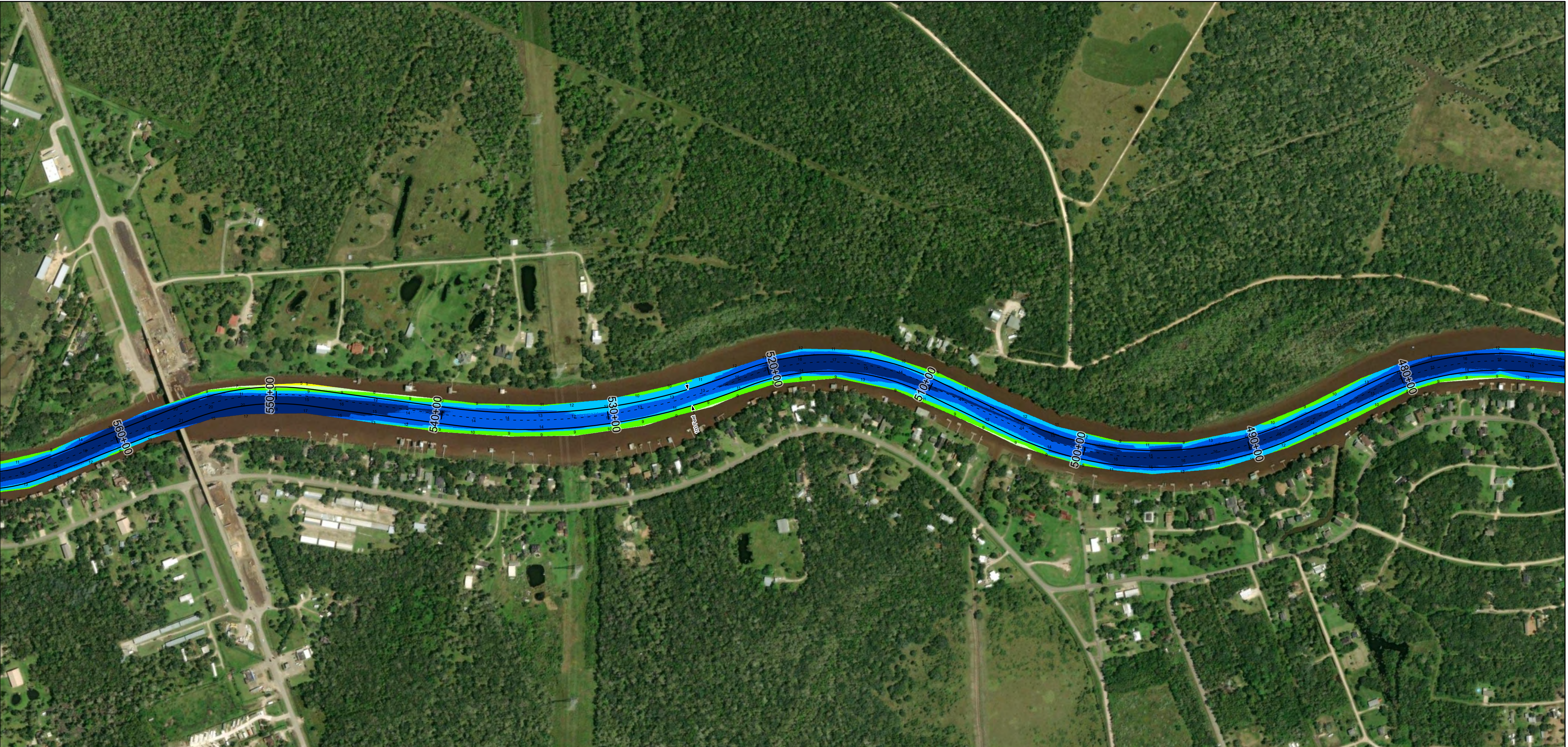
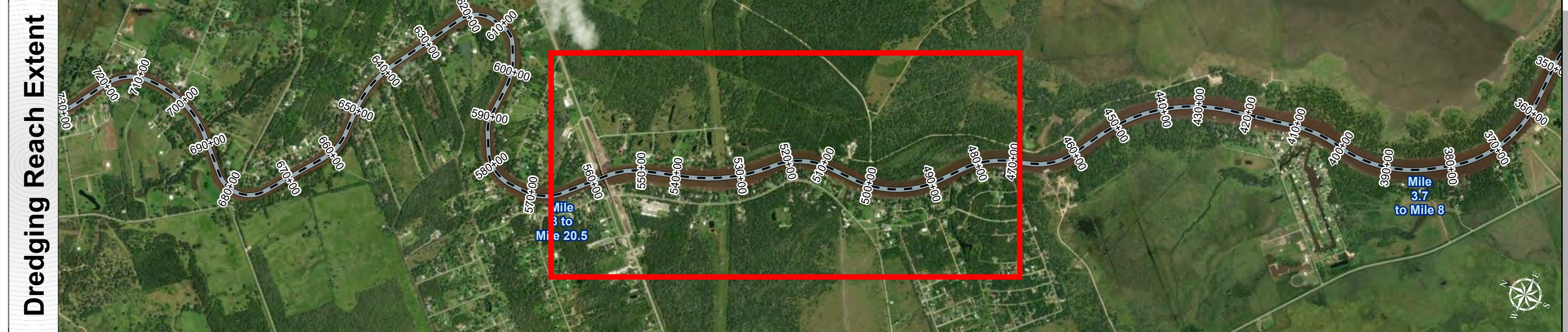
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

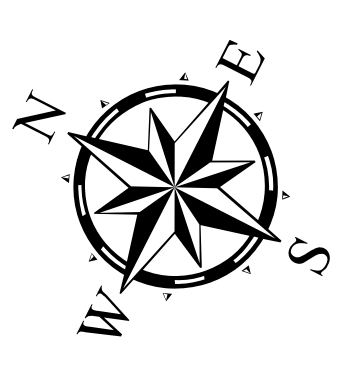
# San Bernard River Channel: Mile 8 to Mile 20.5



U.S. Army Corps of Engineers  
Galveston District



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 2 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central 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 47 CFR 111.11-18.132.
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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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

**Additional Combined Survey Dates and Stationing:**  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

**Dredging Reach Extent**

0 0.35 0.7 1.4 Miles

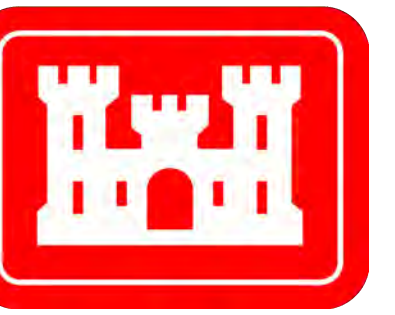
**Hydrographic Survey Extent**

0 300 600 1,200 Feet

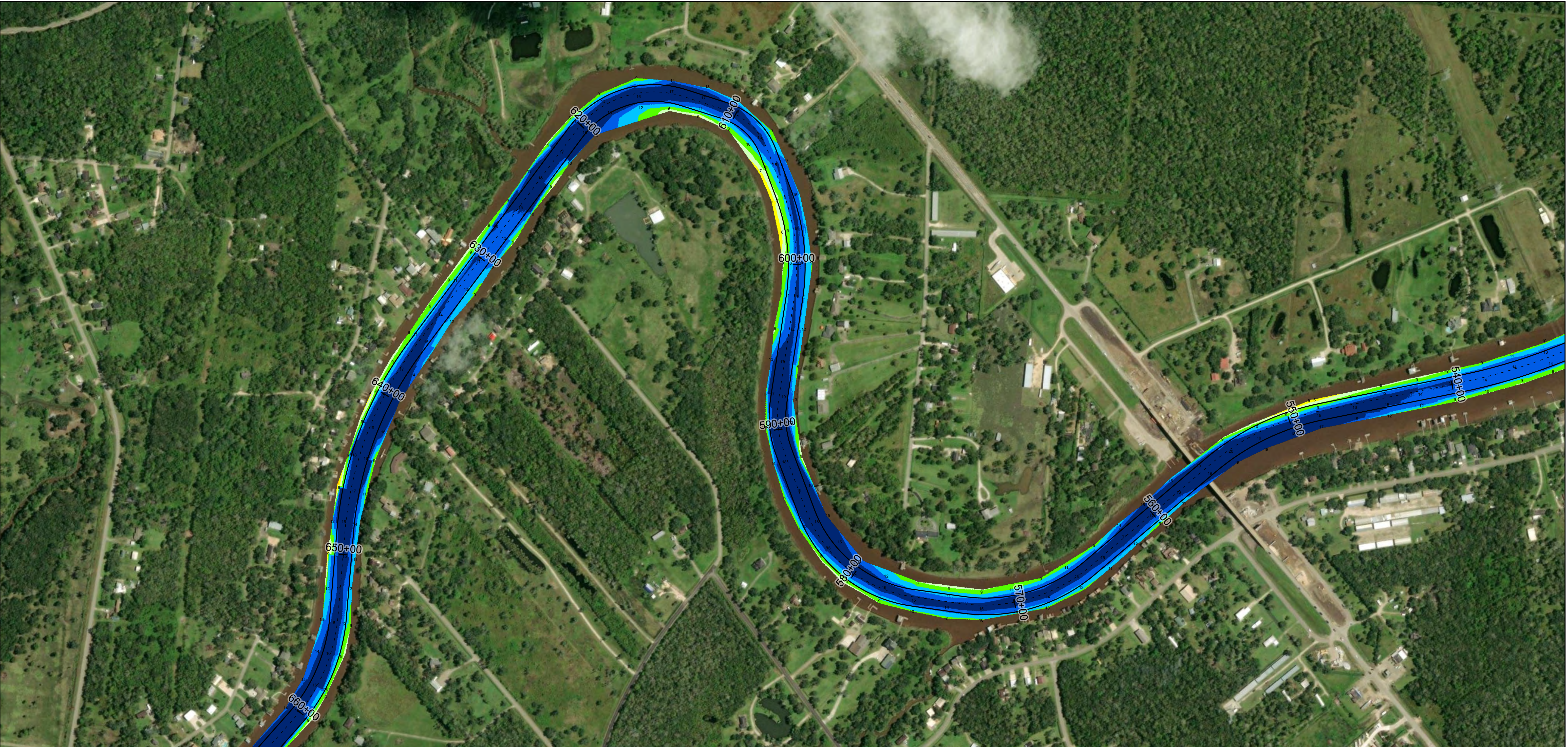
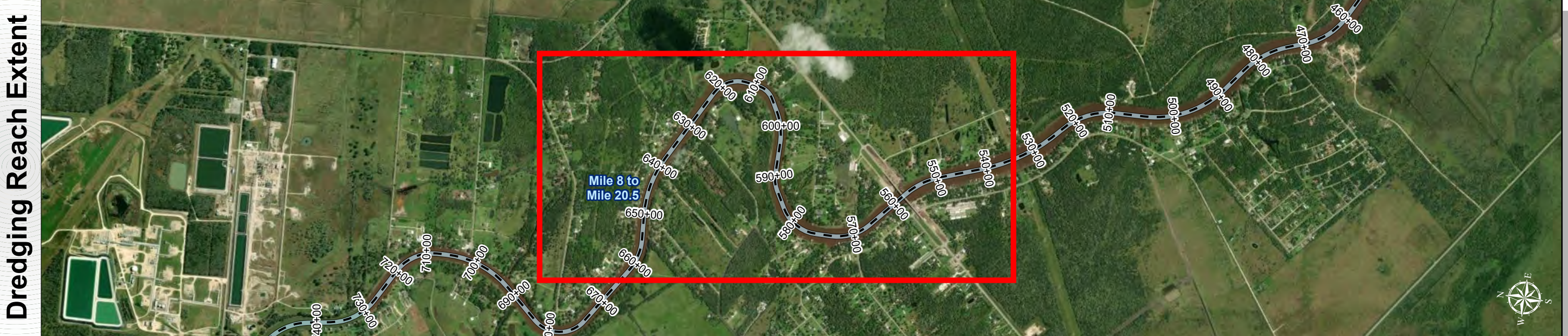
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

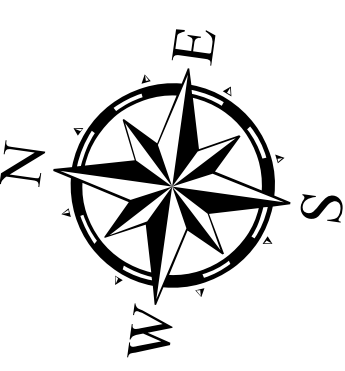
# San Bernard River Channel: Mile 8 to Mile 20.5



U.S. Army Corps of Engineers  
Galveston District



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 3 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

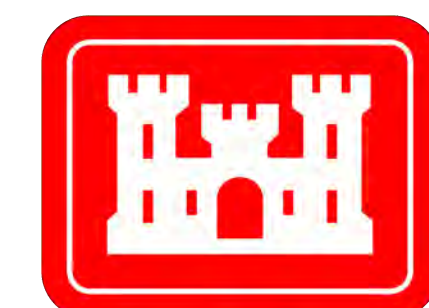
**Dredging Reach Extent**

**Hydrographic Survey Extent**

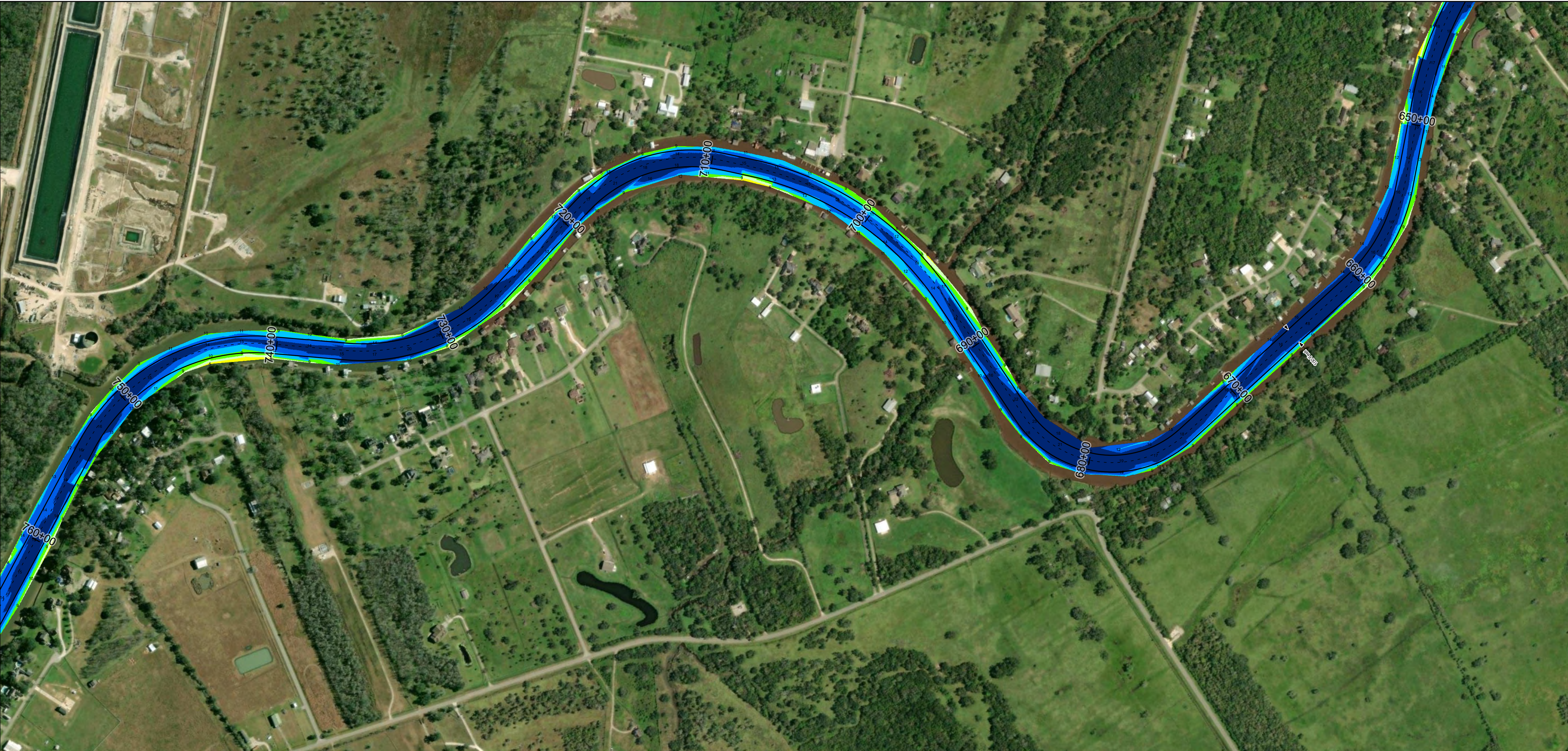
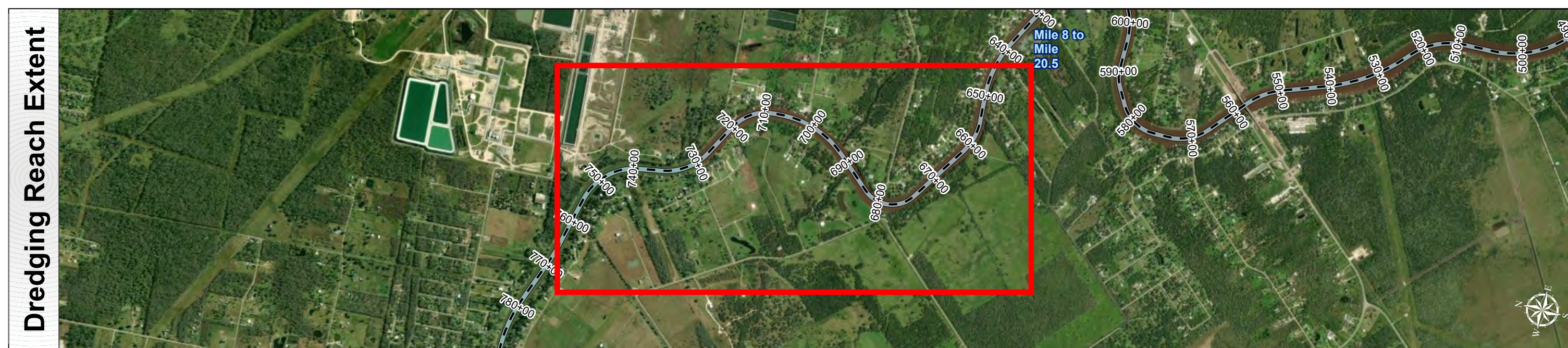
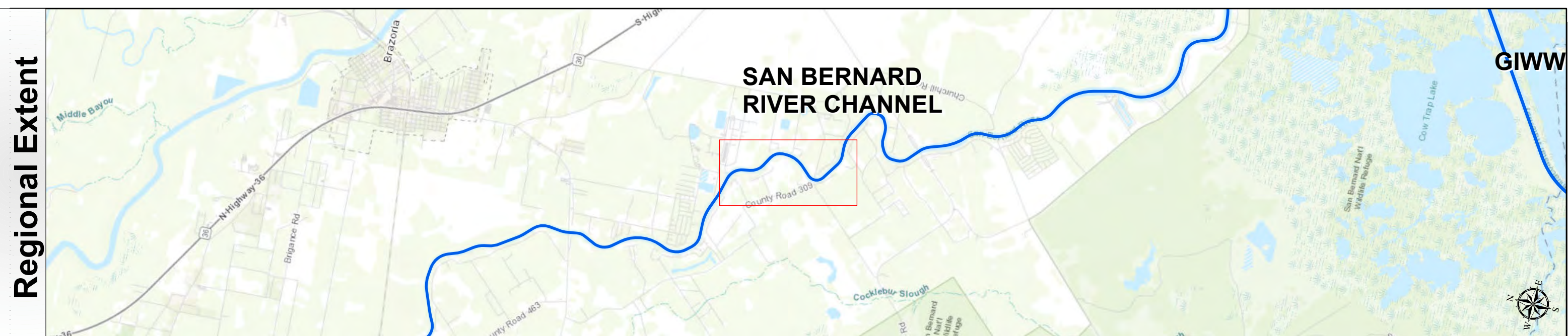
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

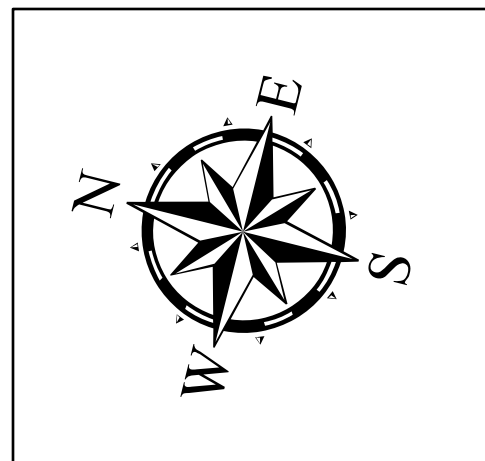
# San Bernard River Channel: Mile 8 to Mile 20.5



U.S. Army Corps of Engineers  
Galveston District



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 4 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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**

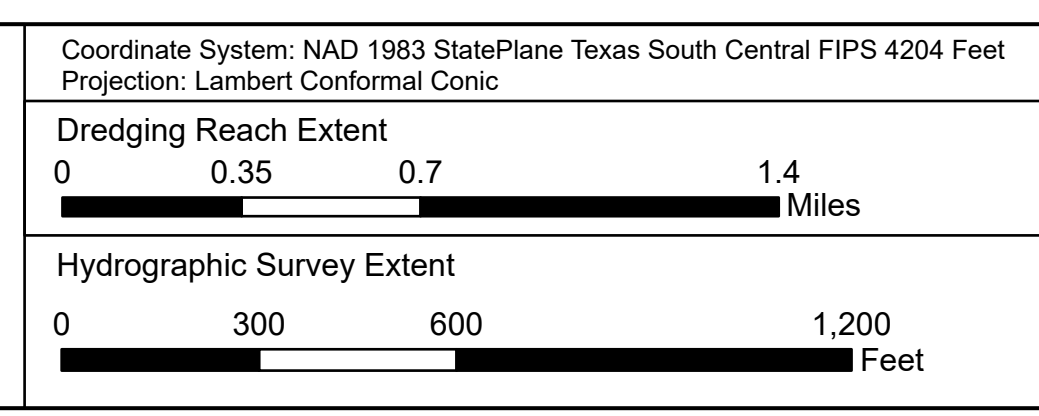
0 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

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Service Layer Credits: World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

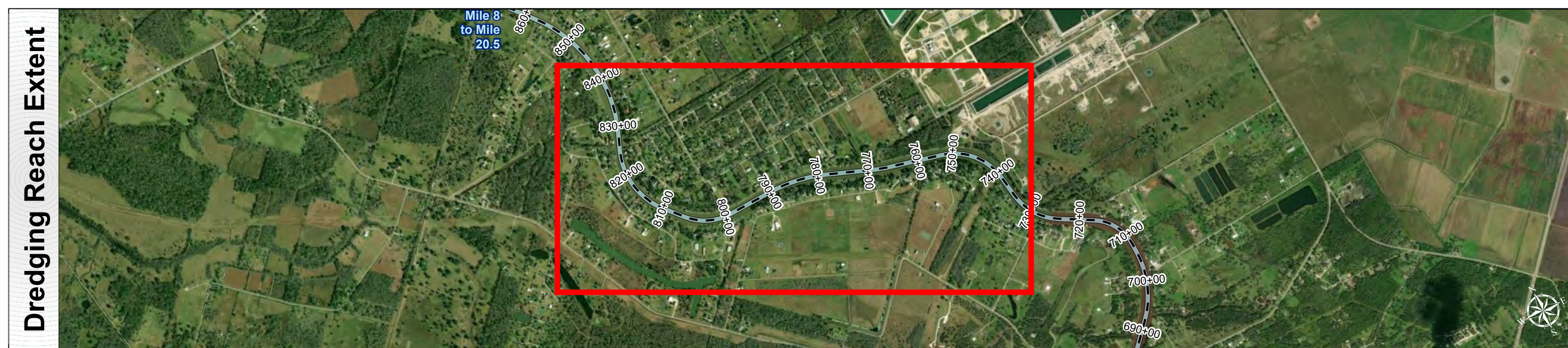
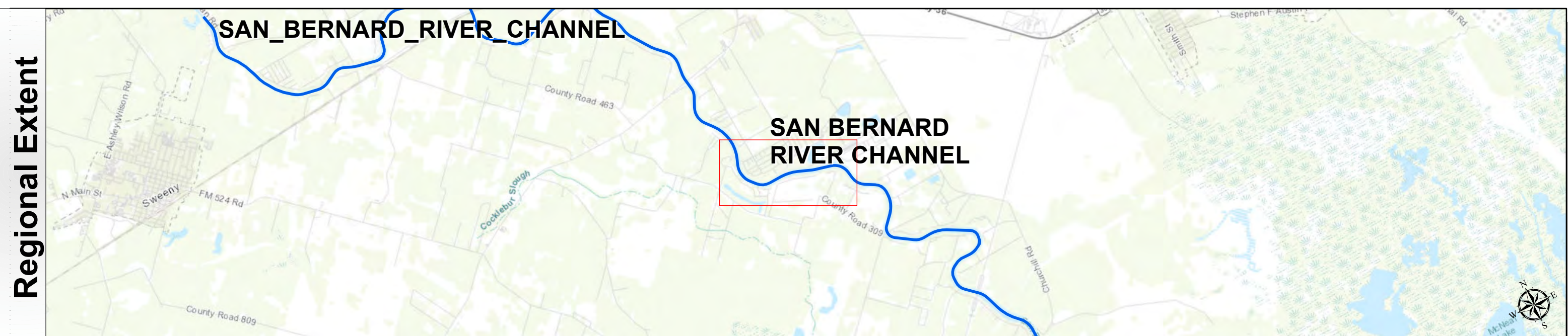
Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800



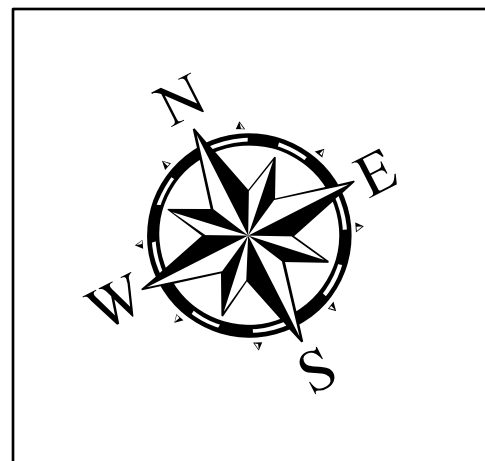
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

# San Bernard River Channel: Mile 8 to Mile 20.5



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 5 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central 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 er1110-1-8132.
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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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

**Additional Combined Survey Dates and Stationing:**  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

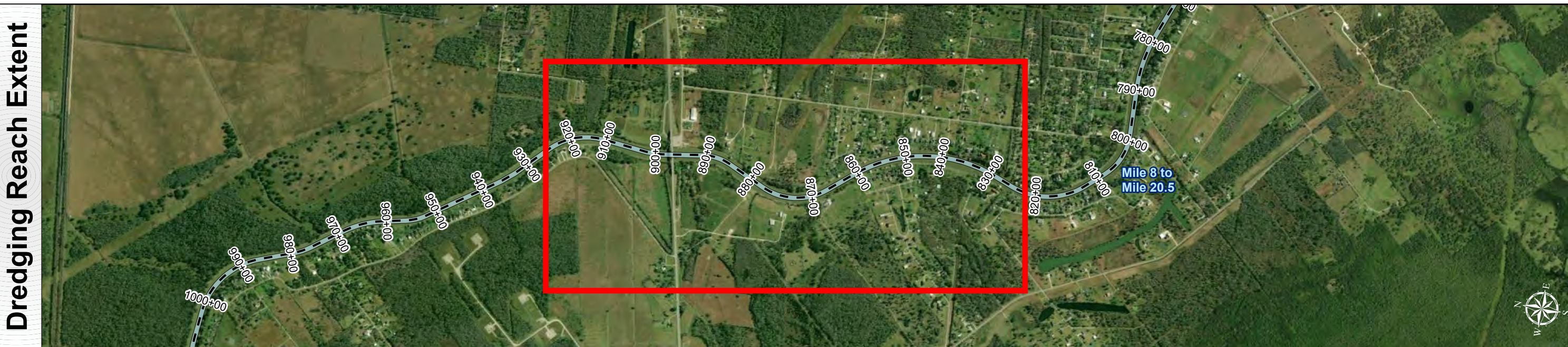
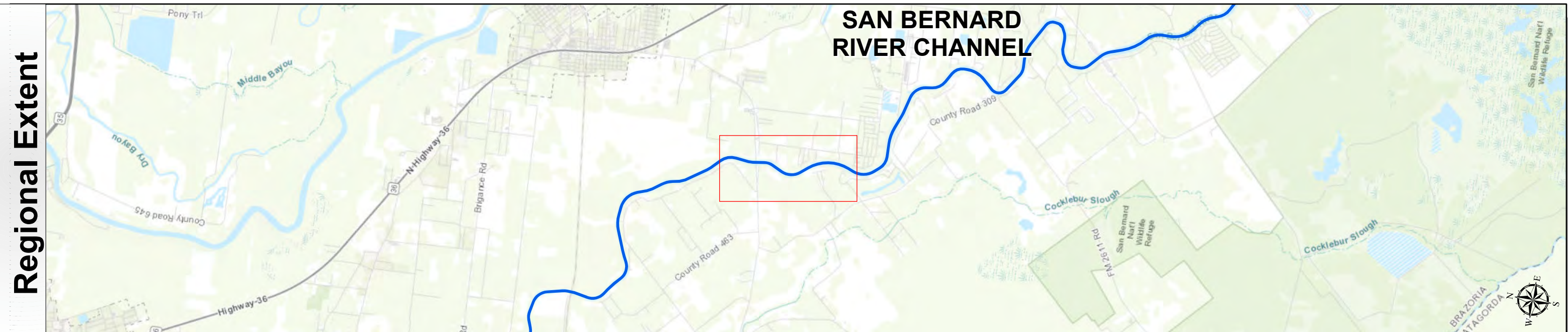
**Dredging Reach Extent**

**Hydrographic Survey Extent**

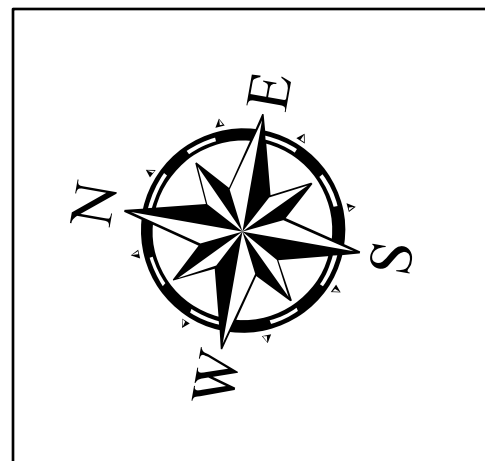
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

# San Bernard River Channel: Mile 8 to Mile 20.5



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 6 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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**

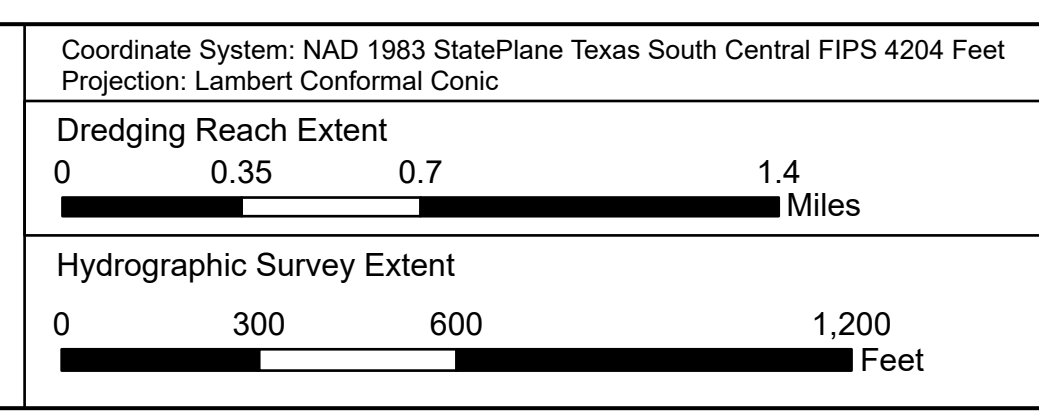
0 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central 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 47 CFR 111.11-1, 111.11-2.
- 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 209.225
- 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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

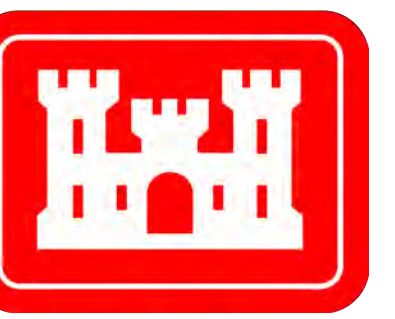
Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800



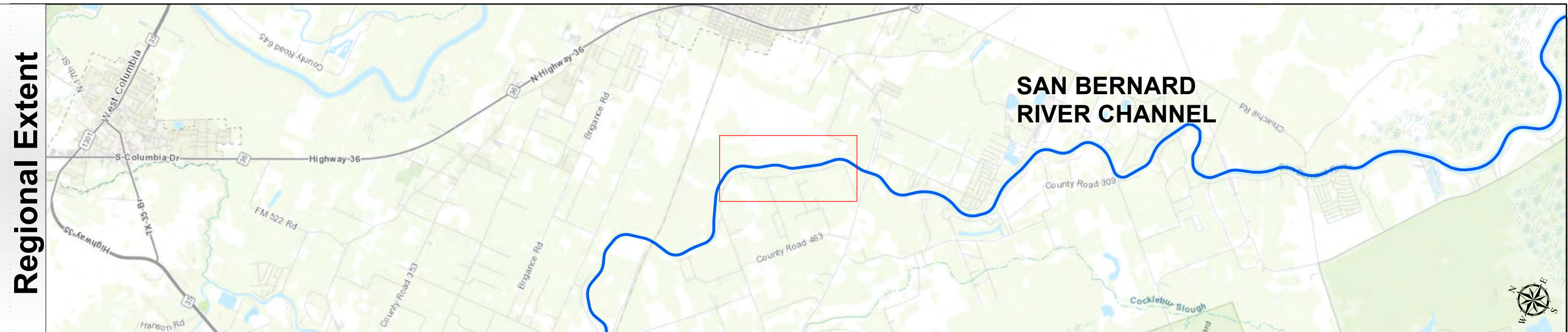
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

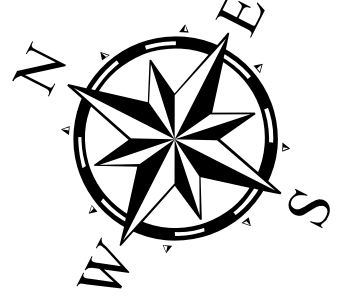
# San Bernard River Channel: Mile 8 to Mile 20.5



U.S. Army Corps of Engineers  
Galveston District



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 7 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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**NOTES:**

- Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
- Elevations are referenced to Mean Lower Low Water (MLLW) datum.
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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: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

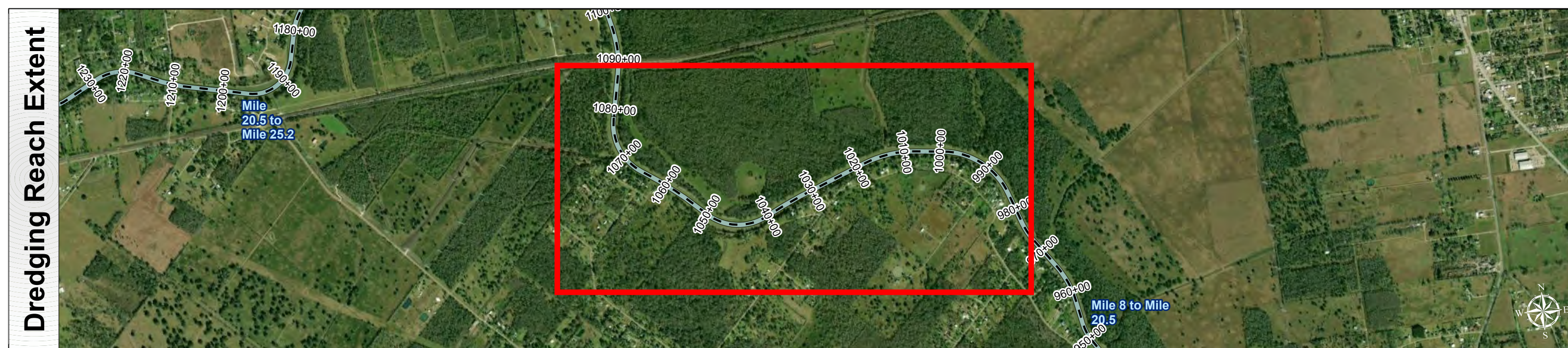
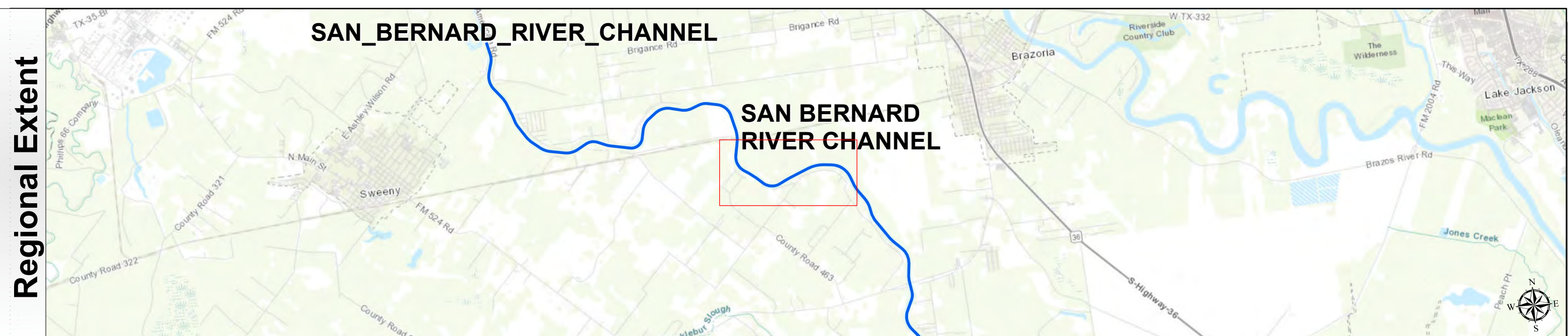
**Dredging Reach Extent**

**Hydrographic Survey Extent**

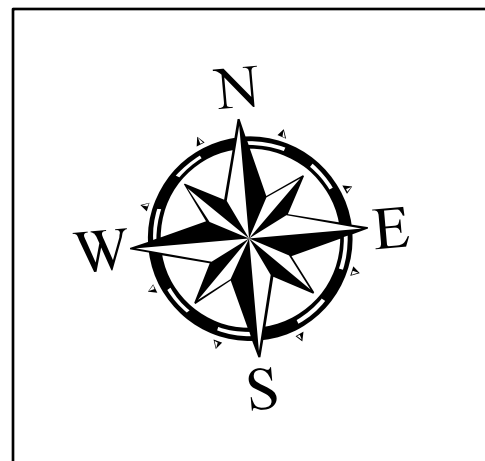
**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5

# San Bernard River Channel: Mile 8 to Mile 20.5



Latest Survey Collection Date: 19 July 2024	Authorized Depth: -11ft.
Document Page: 8 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:3,500	PDF Print Date: 9/26/2024
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 - 1	1 - 3	3 - 5	5 - 7	7 - 9	9 - 11	11 - 13	13 - 15	< 15
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Service Layer Credits: World Topographic Map: Brazoria County, Texas Parks & Wildlife, Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS  
World Imagery: Maxar  
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:  
 Combined survey dates 20220520\_CS; 20240718\_CS\_T01\_96P800\_108P000;  
 20240719\_PR\_82P000\_96P800

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

**Dredging Reach Extent**

0 0.35 0.7 1.4 Miles

**Hydrographic Survey Extent**

0 300 600 1,200 Feet

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

**Station: 420+00 to 1080+00**  
**SAN BERNARD RIVER CHANNEL**  
 Mile 8 to Mile 20.5