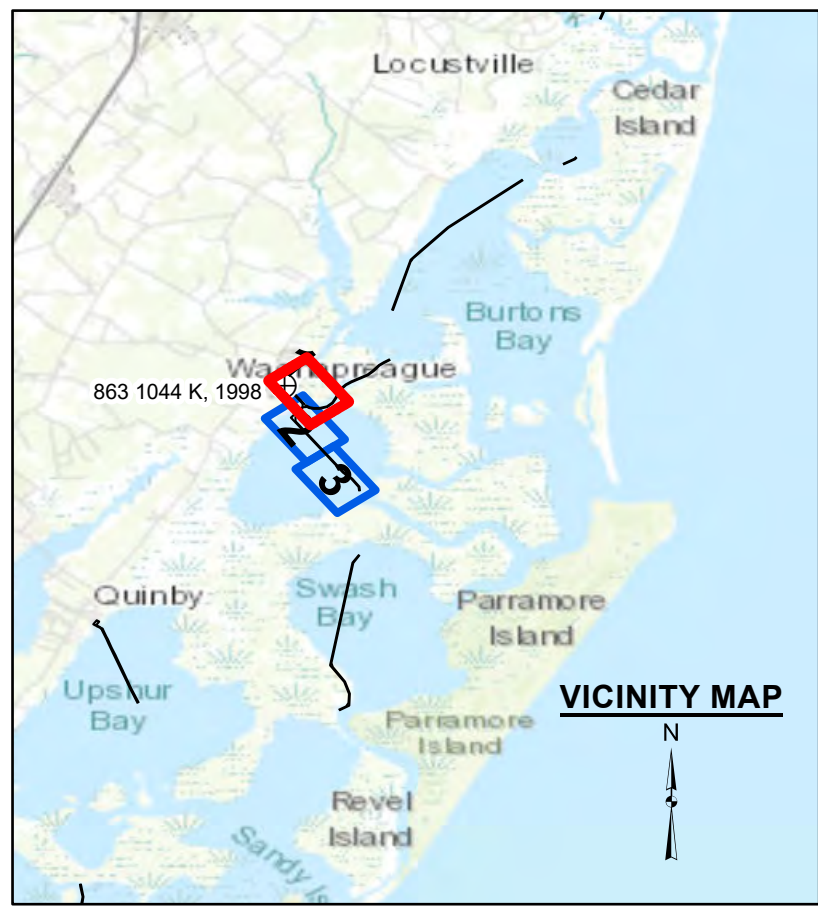




- Shoalest Sounding in Quarter/Parameter of each Reach
- Benchmark
- Channel Toes
- Channel Quarter/Parameter Line
- Maintained Depth Contour Line
- Placement Site Area
- Depth
- | | |
|--------------|--------------|
| 2' & Shoaler | 6' - 6.9' |
| 2' - 2.9' | 7' - 7.9' |
| 3' - 3.9' | 8' - 8.9' |
| 4' - 4.9' | 9' - 9.9' |
| 5' - 5.9' | 10' & Deeper |
- Aids to Navigation
- | |
|--------------------|
| Can |
| Nun |
| Green Lighted Buoy |
| Red Lighted Buoy |
| Junction Buoy |
| Flashing Green |
| Flashing Red |
| Green Daybeacon |
| Red Daybeacon |
| Danger |

1 Inch = 150 Feet



0 75 150 300 Feet



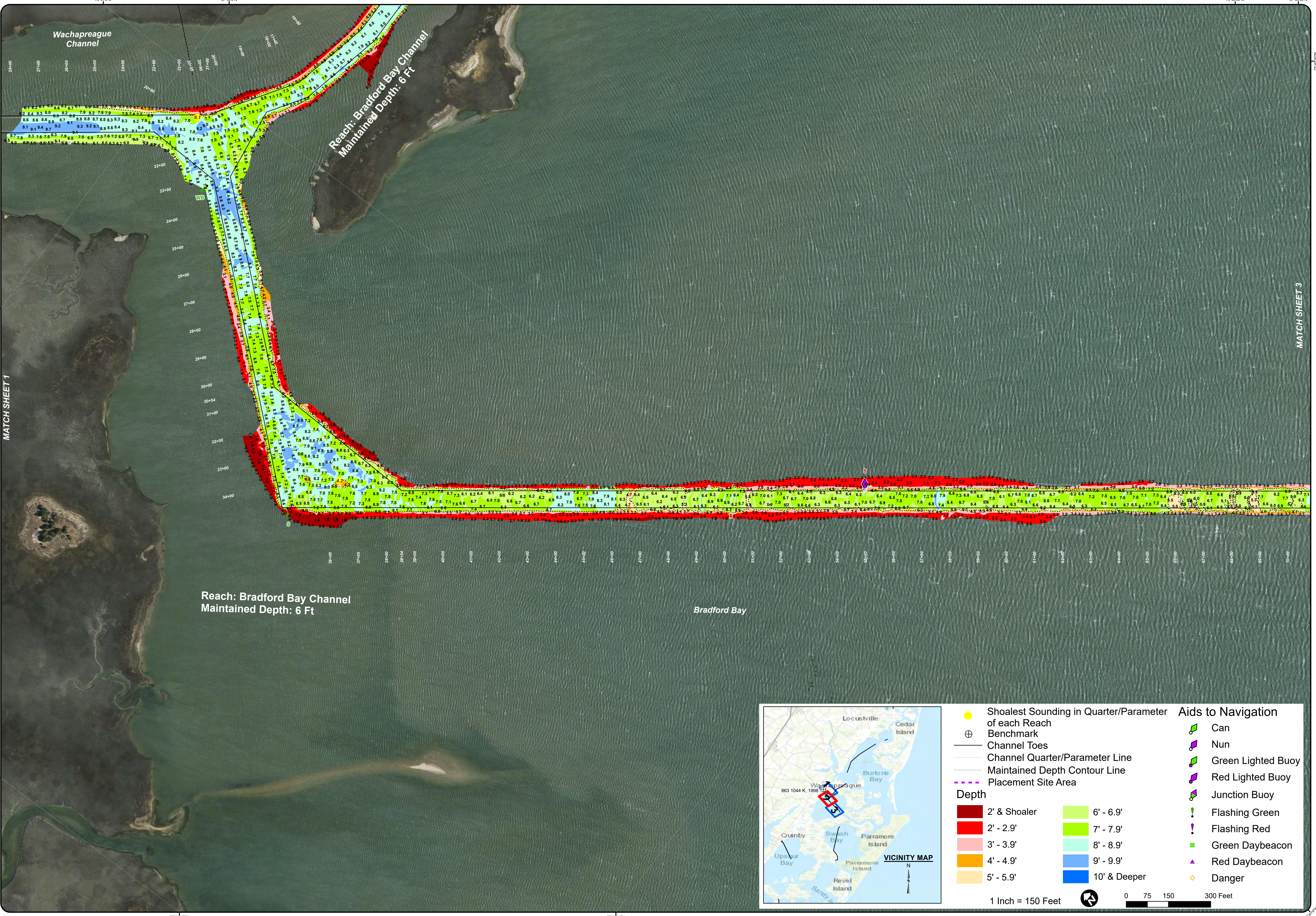
NOTES

1. PROJECT: BRADFORD BAY CHANNEL 6 FT DEEP AND 60 FT WIDE CONNECTING BRADFORD BAY TO BURTONS BAY. FINNEY CREEK IS A CHANNEL 6 FT DEEP, 60 FT WIDE AND 0.2 MILES LONG STARTING AT 6 FT CONTOUR WITH JCT OF WATERWAY OF COAST OF VIRGINIA TOWARDS PUBLIC LANDING
2. NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS 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.
3. SOUNDINGS: SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 20 FT.
4. BACKGROUND: VMP MOST RECENT IMAGERY GIS WEB SERVICE LAYER.
5. AIDS TO NAVIGATION: LOCATED WITH SURVEY VESSEL +/- 10 FEET ON DATE OF SURVEY.
6. SURVEY XYZ (.XYZ) AND METADATA (.MET) FILE NAME REFERENCED BY #HYDRO FILE NAME.

VERTICAL REFERENCE DATUM: NOS MLLW		NOTES	
POSITIONING SYSTEM: PKUSER VALUE (A2 80)		1. PROJECT: BRADFORD BAY CHANNEL 6 FT DEEP AND 60 FT WIDE CONNECTING BRADFORD BAY TO BURTONS BAY. FINNEY CREEK IS A CHANNEL 6 FT DEEP, 60 FT WIDE AND 0.2 MILES LONG STARTING AT 6 FT CONTOUR WITH JCT OF WATERWAY OF COAST OF VIRGINIA TOWARDS PUBLIC LANDING	
SYSTEM/METHOD: MULTI-BEAM		2. NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS 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.	
BIN SIZE: 0.5 FEET		3. SOUNDINGS: SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 20 FT.	
AREA SURVEYED: 17+00 TO 62+00 & 18+00 TO 25+00		4. BACKGROUND: VMP MOST RECENT IMAGERY GIS WEB SERVICE LAYER.	
GEODETIC CONTROL MONUMENTS		MEAN RANGE OF TIDE	
MONUMENT: NOS "863 1044 K, 1998"		3.98'	
MLLW: 7.33'		NAVD83: 4.73' (GEOID18)	

WATERWAY ON THE COAST OF VIRGINIA (WCV)
BRADFORD BAY AND FINNEY CREEK
PROJECT CONDITION SURVEY
(AFTER DREDGING)
SURVEY DATES: February 27 & May 13, 2025
SURVEY BY: USACE Team Lead: Joseph N. Moore Jr.
#HYDRO FILE: WC_50_BFC_20250227_AD

SHEET 1 of 3
Map Produced: 8/6/2025
APPROVED: Chief, Navigation Analysis Section
APPROVED: Chief, Survey Section



US Army Corps of Engineers
Norfolk District

NOTES

- PROJECT: BRADFORD BAY CHANNEL 6 FT DEEP AND 60 FT WIDE CONNECTING BRADFORD BAY TO BURTONS BAY. FINNEY CREEK IS A CHANNEL 6 FT DEEP, 80 FT WIDE AND 0.2 MILES LONG STARTING AT 6 FT CONTOUR WITH JCT OF WATERWAY OF COAST OF VIRGINIA TOWARDS PUBLIC LANDING
- NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- SOUNDINGS SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 20 FT.
- BACKGROUND: VMP MOST RECENT IMAGERY GIS WEB SERVICE LAYER.
- AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET ON DATE OF SURVEY.
- SURVEY XYZ (.XYZ) AND METADATA (.MET) FILE NAME REFERENCED BY #HYDRO FILE NAME.

VERTICAL REFERENCE DATUM: NOS MLLW	POSITIONING SYSTEM: PKUSER VALUE (A2 B0)	MEAN RANGE OF TIDE
33'	33'	3.98'
17+00 to 62+00 & 18+00 to 29+00	33'	

PROJECTED COORDINATE SYSTEM: STATE PLANE	MONUMENT	GEODETIC CONTROL MONUMENTS
VIRGINIA SOUTH ZONE	NOS 863 1044 K, 1998"	NAVD83
US SURVEY FEET		4.73 (GEOD18)
IMPLIED HORIZONTAL ACCURACY: +/- 10 FEET		
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET		

WATERWAY ON THE COAST OF VIRGINIA (WCV)
BRADFORD BAY AND FINNEY CREEK
PROJECT CONDITION SURVEY
(AFTER DREDGING)
SURVEY DATES:
February 27 & May 13, 2025

SHEET 2 of 3
Map Produced: 8/6/2025

APPROVED: _____
Chief, Navigation Analysis Section

APPROVED: _____
Chief, Survey Section

SURVEY BY: USACE Team Lead: Joseph N. Moore Jr.
#HYDRO FILE: WC_50_BFC_20250227_AD

- Shoalest Sounding in Quarter/Parameter of each Reach

⊕ Benchmark

— Channel Toes

— Channel Quarter/Parameter Line

--- Maintained Depth Contour Line

- - - Placement Site Area

Depth

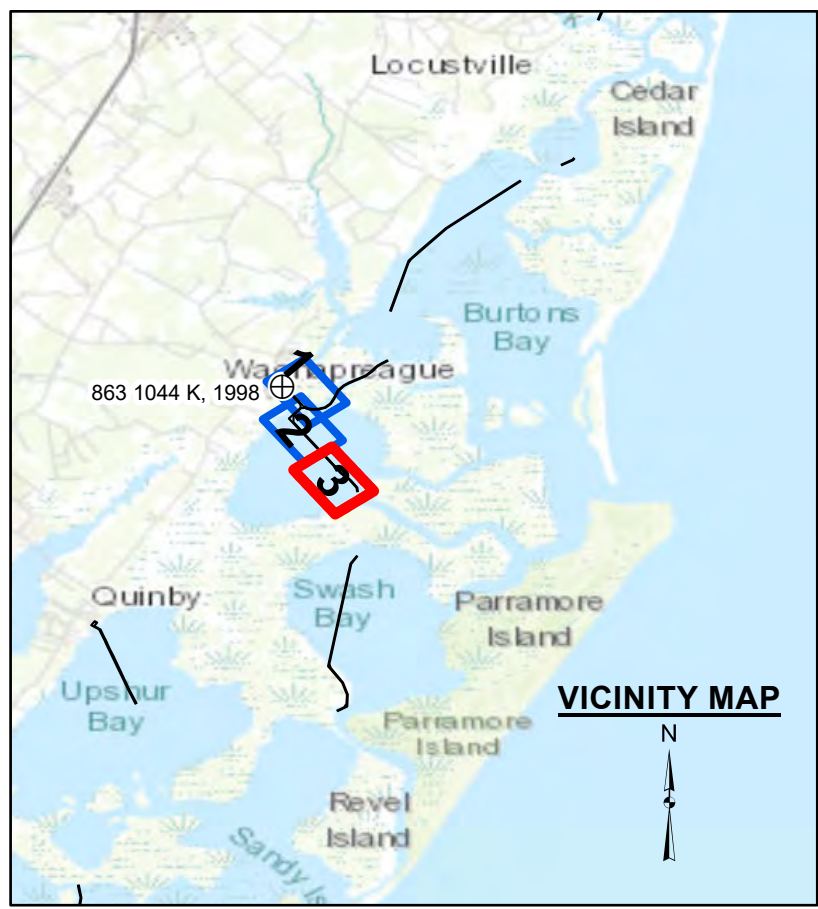
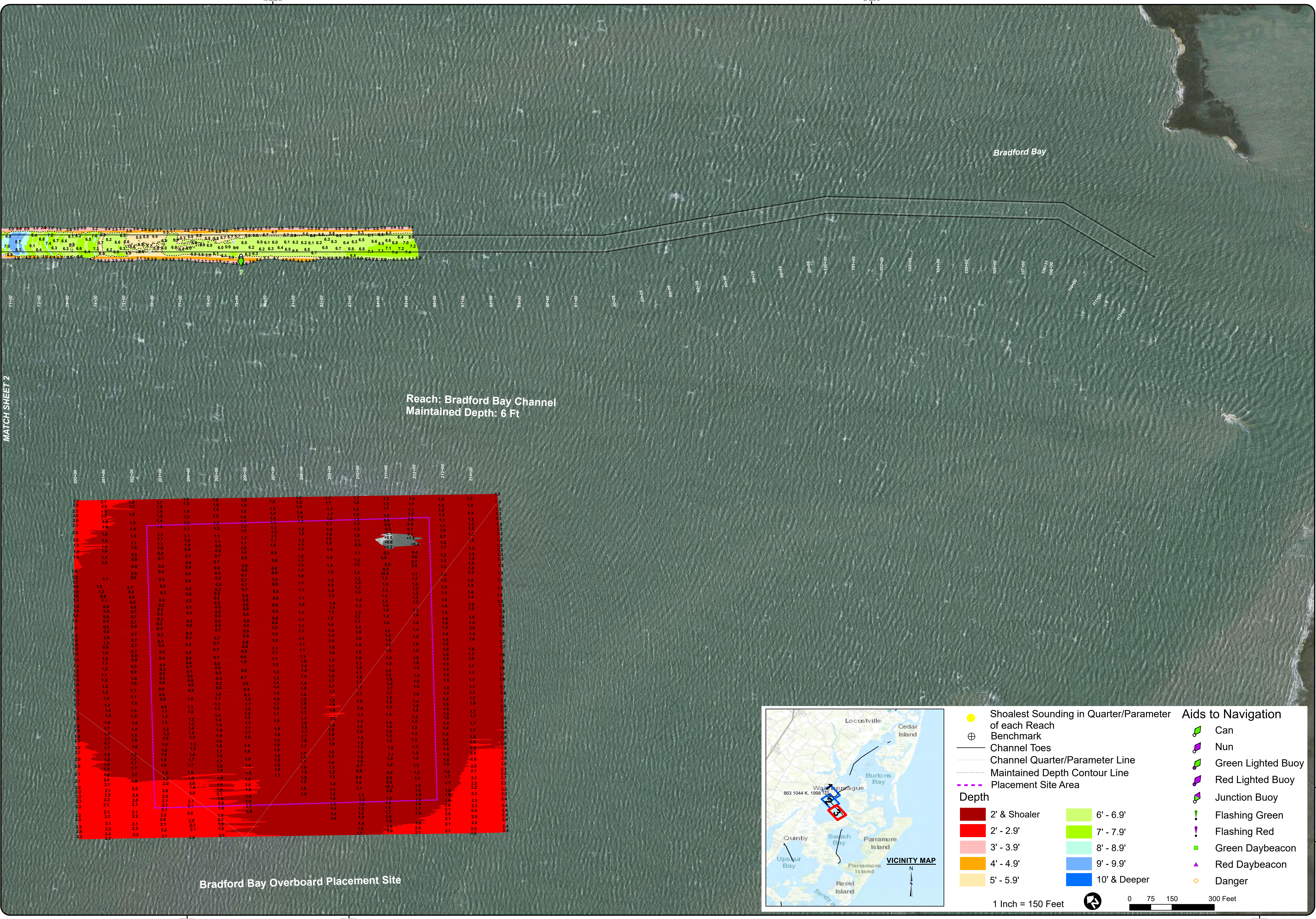
2' & Shoaler	6' - 6.9'
2' - 2.9'	7' - 7.9'
3' - 3.9'	8' - 8.9'
4' - 4.9'	9' - 9.9'
5' - 5.9'	10' & Deeper
- Aids to Navigation

 - Can
 - Nun
 - Green Lighted Buoy
 - Red Lighted Buoy
 - Junction Buoy
 - Flashing Green
 - Flashing Red
 - Green Daybeacon
 - Red Daybeacon
 - Danger

1 Inch = 150 Feet



0 75 150 300 Feet



● Shoalest Sounding in Quarter/Parameter of each Reach
⊕ Benchmark
— Channel Toes
— Channel Quarter/Parameter Line
— Maintained Depth Contour Line
- - - Placement Site Area

Depth

2' & Shoaler	6' - 6.9'
2' - 2.9'	7' - 7.9'
3' - 3.9'	8' - 8.9'
4' - 4.9'	9' - 9.9'
5' - 5.9'	10' & Deeper

Aids to Navigation

- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Buoy
- Flashing Green
- Flashing Red
- Green Daybeacon
- Red Daybeacon
- Danger

1 Inch = 150 Feet

0 75 150 300 Feet


US Army Corps
of Engineers
Norfolk District

NOTES

1. PROJECT: BRADFORD BAY CHANNEL 6 FT DEEP AND 80 FT WIDE CONNECTING BRADFORD BAY TO BURTONS BAY. FINNEY CREEK IS A CHANNEL 6 FT DEEP, 80 FT WIDE AND 0.2 MILES LONG STARTING AT 6 FT CONTOUR WITH JCT OF WATERWAY OF COAST OF VIRGINIA TOWARDS PUBLIC LANDING
2. NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. SOUNDINGS SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 20 FT.
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5. AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET ON DATE OF SURVEY.
6. SURVEY XYZ (.XYZ) AND METADATA (.MET) FILE NAME REFERENCED BY #HYDRO FILE NAME.

VERTICAL REFERENCE DATUM: NOS MLLW
POSITIONING SYSTEM: PKLUSER VALUE (A2 B0)
SYSTEM METHOD: MULTI-BEAM
BIN SIZE: 333
SECTION METHOD: 4440 to 2600, 2600 to 2700, 2700 to 2800, 2800 to 2900
AREA SURVEYED: 17+00 to 62+00 & 18+00 to 29+00

PROJECTED COORDINATE SYSTEM: STATE PLANE
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
HORIZONTAL UNITS: US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY: +/- 10 FEET
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET

GEODETIC CONTROL MONUMENTS

MONUMENT	MLLW	MEAN RANGE OF TIDE
NOS 863 1044 K, 1998	7.33'	3.98'
NAVD83	4.73' (GEOID18)	

WATERWAY ON THE COAST
OF VIRGINIA (WCV)
BRADFORD BAY AND FINNEY CREEK
PROJECT CONDITION SURVEY
(AFTER DREDGING)
SURVEY DATES:
February 27 & May 13, 2025

SHEET 3 of 3
Map Produced: 6/6/2025

APPROVED: _____
Chief, Navigation Analysis Section

APPROVED: _____
Chief, Survey Section

SURVEY BY: USACE Team Lead: Joseph N. Moore Jr.
#HYDRO FILE: WC_50_BFC_20250227_AD