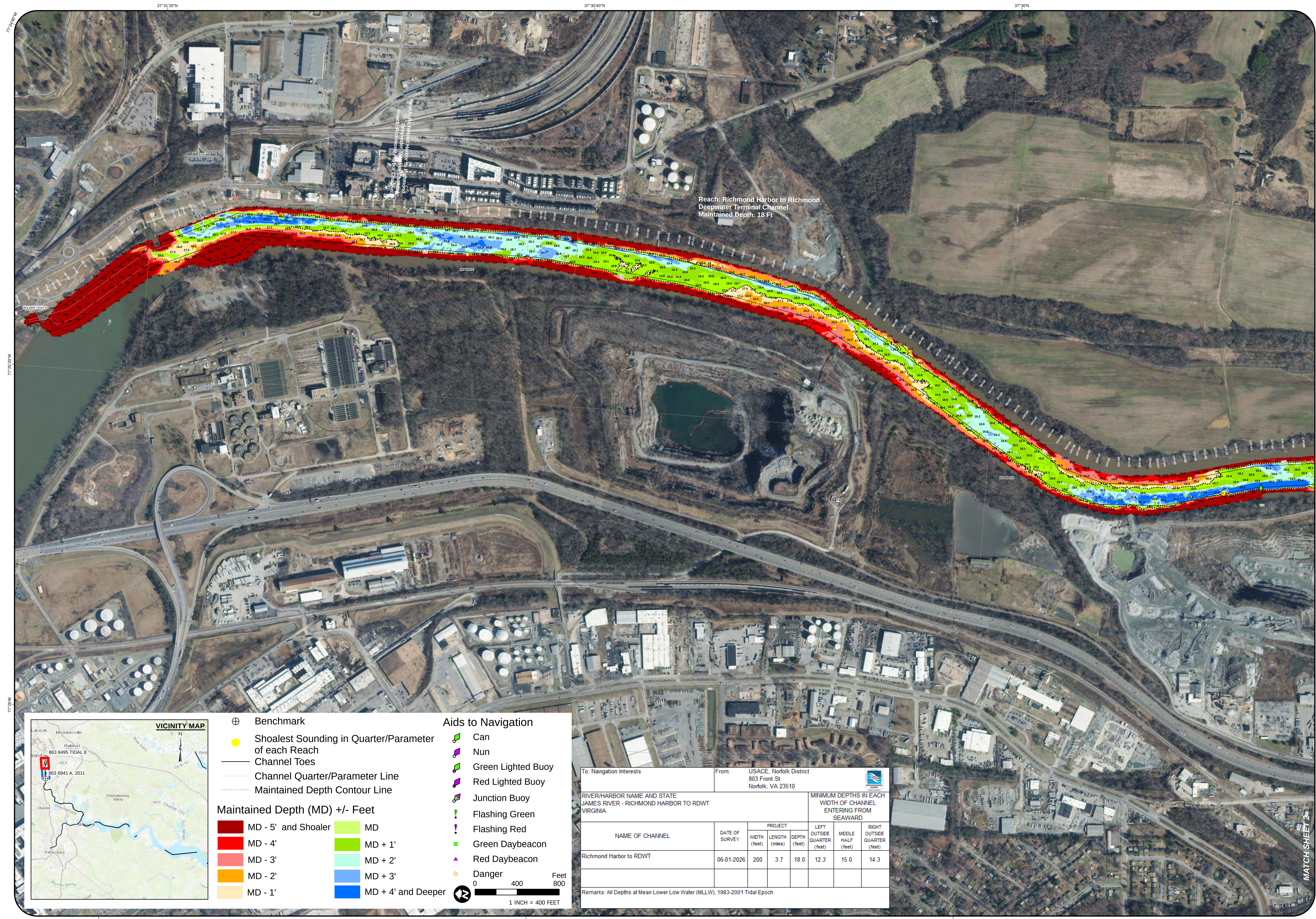




NOTES:

1. CHANNEL MAINTAINED AT A DEPTH OF 18 FT MLW AND WIDTH OF 200 FT FROM THE DEEPWATER TERMINAL TO THE RICHMOND LOCK, 4.7 MILES, WITH A TURNING BASIN 18 FT DEEP.

2. NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF THE SURVEY CONDUCTED ON THE DATES INDICATED & CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

TIDAL REFERENCE DATUM: NOS MILLW
1983-2001
TIDAL EPOCH:
POSITIONING SYSTEM:
SYSTEM METHOD:
BIN SIZE:
BIN SELECTION METHOD:
AREA SURVEYED:

PROJECTED COORDINATE SYSTEM: STATE PLANE
NAD 83
HORIZONTAL ZONE: VIRGINIA SOUTH
PROJECTED COORDINATE UNITS: US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY: +/- 0.5 FEET
IMPLIED VERTICAL ACCURACY: +/- 10 FEET

**JAMES RIVER
RICHMOND HARBOR TO RDWT
PROJECT CONDITION SURVEY**

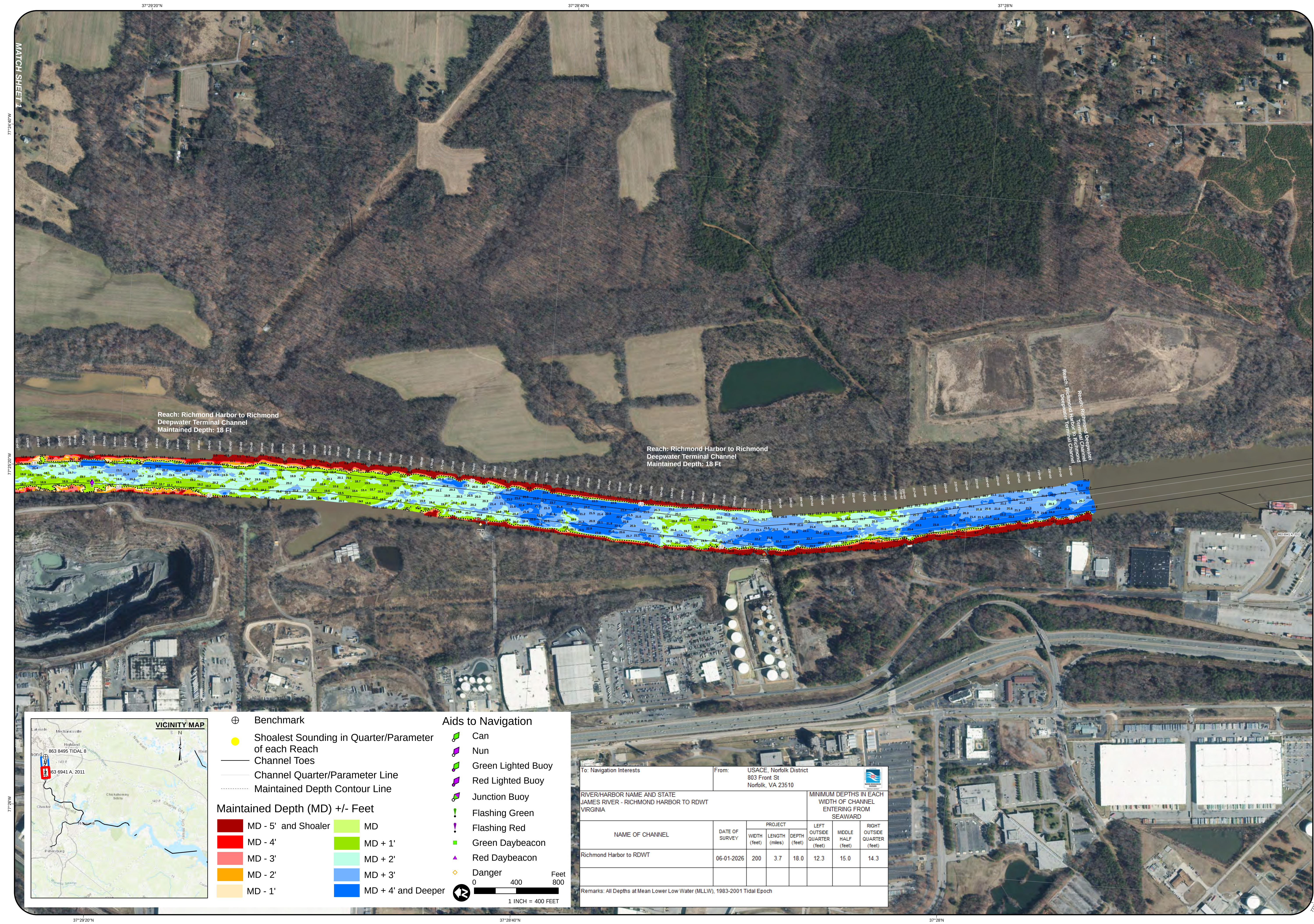
SHEET 1 of 2
Map Produced: 6/12/2026

APPROVED:

Andrew T. Tierney	Digitally signed by Andrew T. Tierney Date: 2026.06.17 09:40:07 -0400
_____ Chief, Navigation Analysis Section	

APPROVED:

	Digitally signed by Eric Legasi Date: 2026.06.17 14:57:28
_____ Chief, Survey Section	



NOTES:

1. A CHANNEL MAINTAINED AT A DEPTH OF 18 FT MILLW AND WIDTH OF 200 FT FROM THE DEEPWATER TERMINAL TO THE RICHMOND LOCK, 4.7 MILES, WITH A TURNING BASIN 18 FT DEEP.

2. NOT FOR NAVIGATION USE. THE INFORMATION DERIVED ON THIS MAP REPRESENTS THE RESULTS OF SURVEY'S MADE ON THE DATE(S) INDICATED & CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

3. SOUNDINGS SHOWN IN FEET. CENTERED ON POINT OF SHALLOWEST DEPTH IN 50 FT RADIUS GENERATED FROM HYDROGRAPHY DATA.

4. BACKGROUND: MOST RECENT VIRGINIA BASE MAP IMAGERY.

5. AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET.

MONUMENT		GEOCENTRIC CONTROL MONUMENTS		MEAN RANGE OF TIDE	
CE	863 8405 TIDAL 8"	MLW	NAVDBS	MLW	MEAN RANGE OF TIDE
CE	863 8405 TIDAL 8"	20.52'	18.70' (GEOD18)	3.31'	3.31'
CE	863 8405 TIDAL 8"	31.08'	29.63' (GEOD18)	3.04'	3.04'

JAMES RIVER
RICHMOND HARBOR TO RDWT
PROJECT CONDITION SURVEY

SURVEY DATES:
June 1 & 2, 2026

SURVEY BY: USACE Team Lead: Moore

SHEET 2 of 2
Map Produced: 6/12/2026

Chief, Navigation Analysis Section

APPROVED: