

Maps of Charlotte County General Permit Trafficshed Channels and Secondary Channels



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SGEF-209
July 2014



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Foreword

This document is a collection of maps, prepared by Florida Sea Grant, that depict channels included in the Charlotte County General Permit (GP)¹. Each map shows either (a) channel segments within a GP trafficshed² or (b) segments in a GP secondary channel system (contains channels that route vessels from one or more trafficsheds to deep, open water). West Coast Inland Navigation District (WCIND) policy requires that navigational safety factors and/or the provision of access to public facilities determine eligibility of channel segments for inclusion in the GP.

Channel segments are symbolized by line thickness to highlight those for which dredging is anticipated under the GP given waterway depths measured during the field survey³. The symbology is determined by subtracting the measured MLLW⁴ depth of each channel segment from the GP depth (determined for the entire trafficshed or secondary channel system). If the difference is greater than zero, the status “GP Dredging Anticipated” is assigned. Otherwise, the status is “GP Dredging Not Anticipated.” Each map includes summary statistics of total GP channel length, total length of channel segments for which GP dredging is anticipated, and GP dredge depth.

The channel segments are waterway centerlines constructed from depths measured for the Charlotte County Regional Waterway Management System project (2013)⁵.

¹ Rule 62-330.411 General Permit for Public Navigation Channel and Canal Infrastructure by the West Coast Inland Navigation District within Charlotte County.
<https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-330>.

² The term trafficshed is used to define an area that contains a concentration of boats that use a common channel, exclusive to the trafficshed, to gain access to secondary access channels and, ultimately, to deep, open water.

³ Select channel segments that are associated with Bass Inlet Secondary Channel (page 6), Beeney/Bangsborg/Severin Waterway (page 7), Dover Canal (page 12), and Santa Clara Canal (page 26) currently have adequate navigability, but are candidates for the GP based on the county maintenance program history and anticipated future maintenance needs.

⁴ Mean Lower Low Water tidal datum.

⁵ Swett, R.A., D.A. Fann, and B. Staugler. 2012. Regional Waterway Management System for Charlotte County, FL. Florida Sea Grant Technical Paper 181. Gainesville, FL Florida Sea Grant College Program.

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Ackerman Waterway System



0 820 1,640 Feet

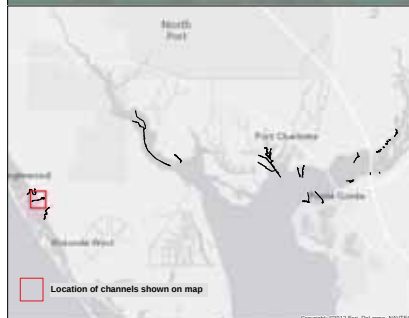
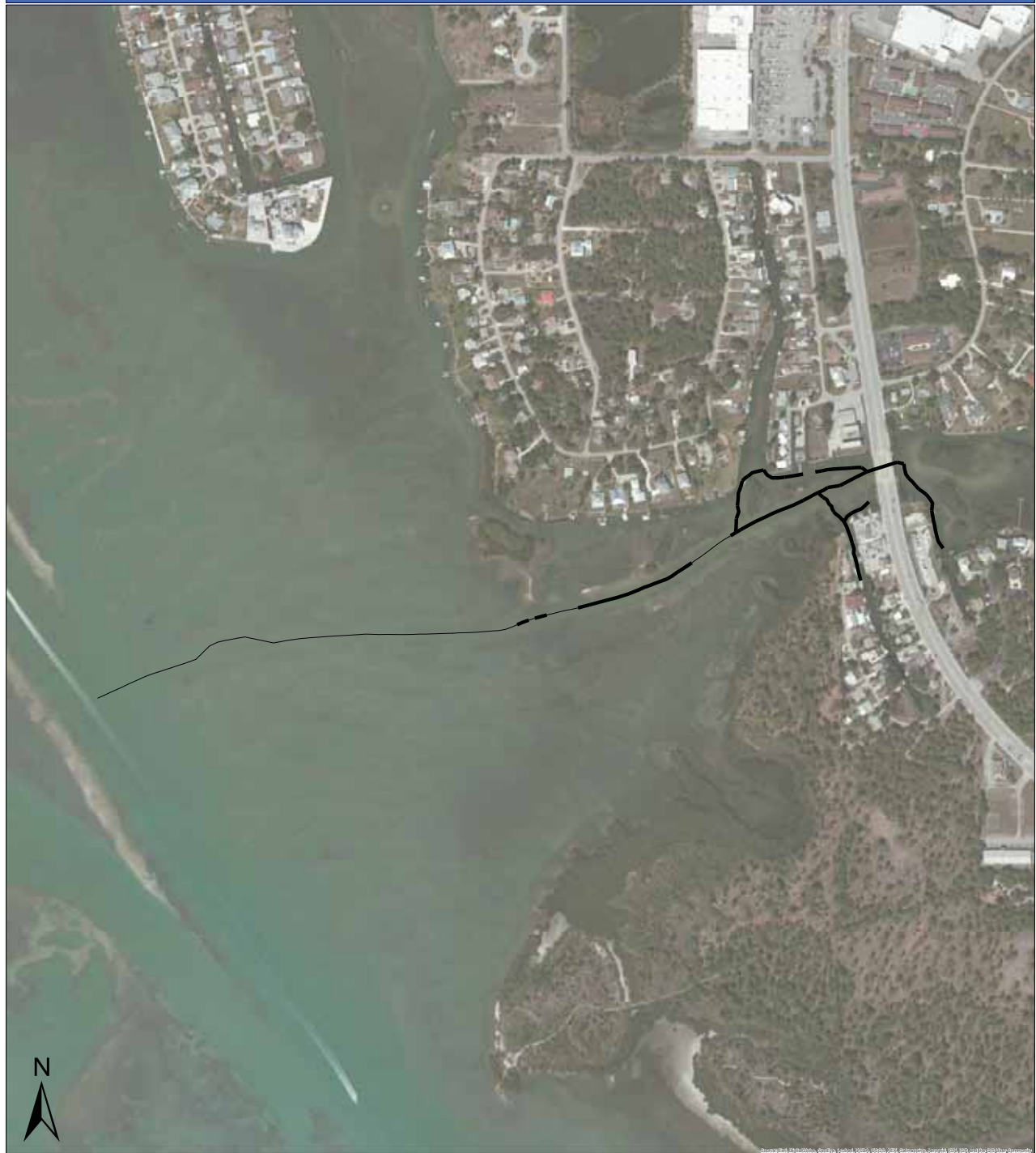
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 6,646 ft
Anticipated dredge length: 4,459 ft
Design Dredge Depth: 5 ft

Ainger Creek



0 550 1,100 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 5,927 ft
Anticipated dredge length: 3,486 ft
Design Dredge Depth: 3.5 ft

Alligator Bay Secondary Channel



0 820 1,640 Feet

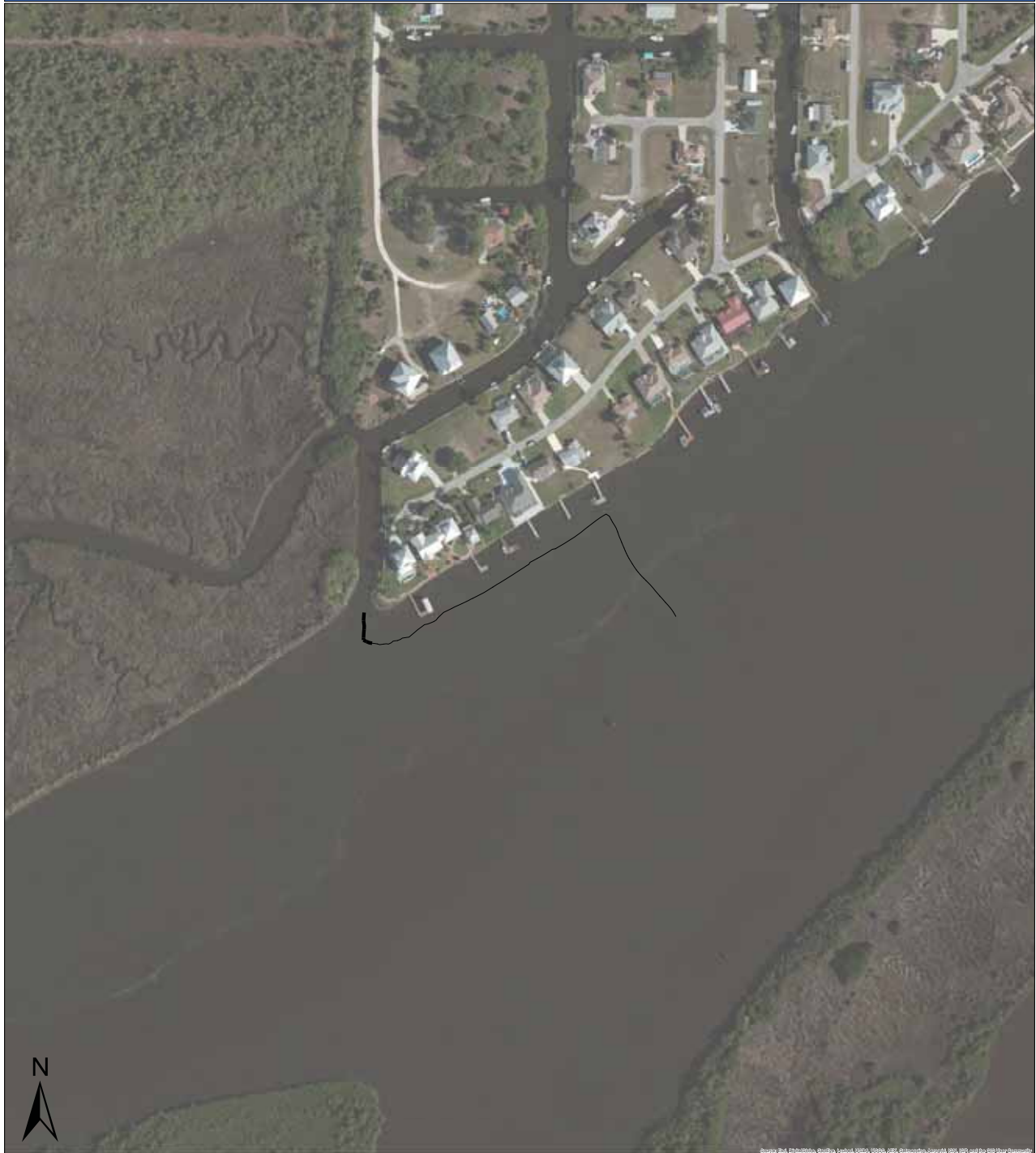
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 7,831 ft
Anticipated dredge length: 4,666 ft
Design Dredge Depth: 4.5 ft

Balboa Canal



0 275 550 Feet

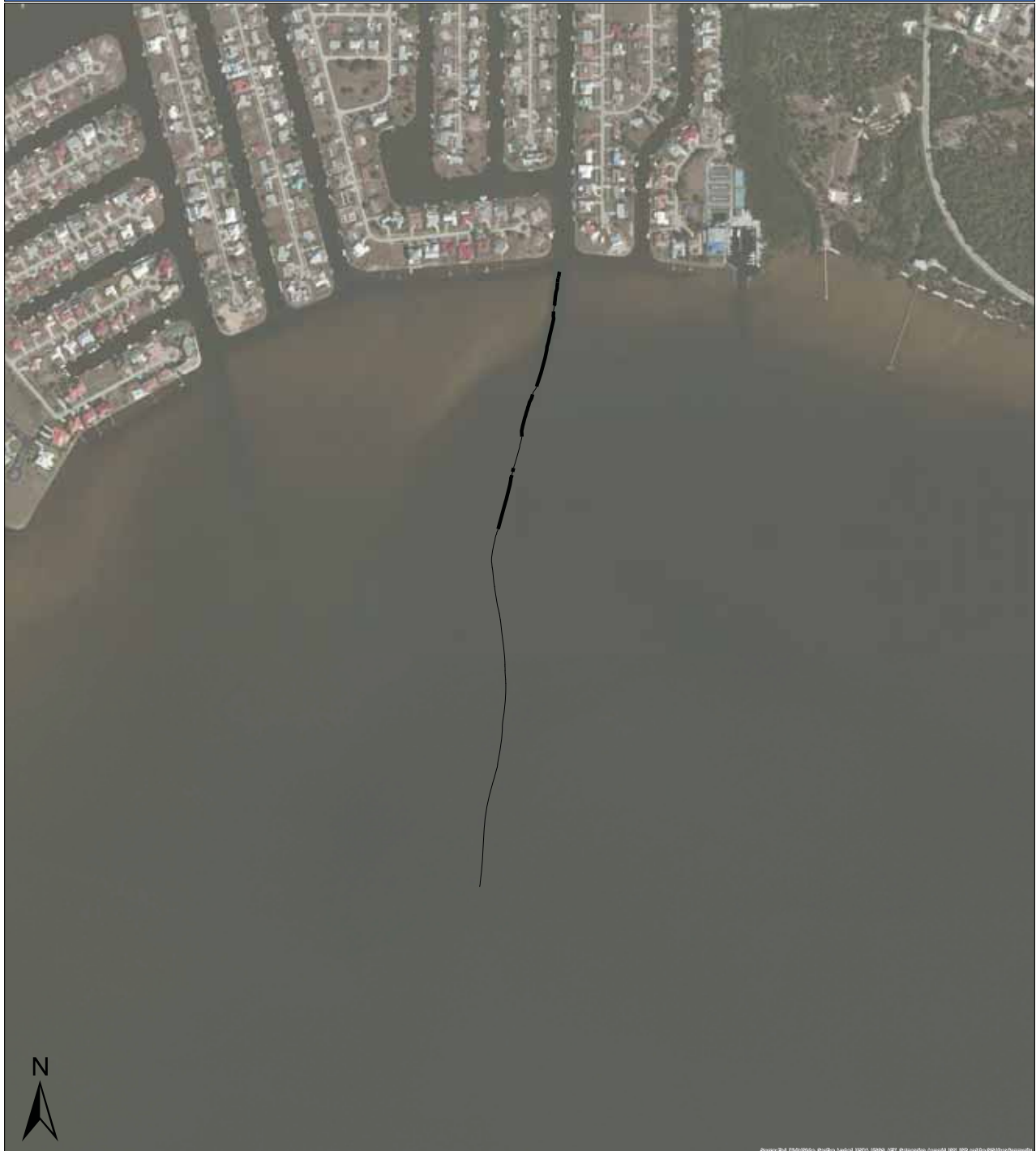
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 1,017 ft
Anticipated dredge length: 86 ft
Design Dredge Depth: 4.5 ft

Baldwin/Olman/Severin Road Waterway



0 690 1,380 Feet

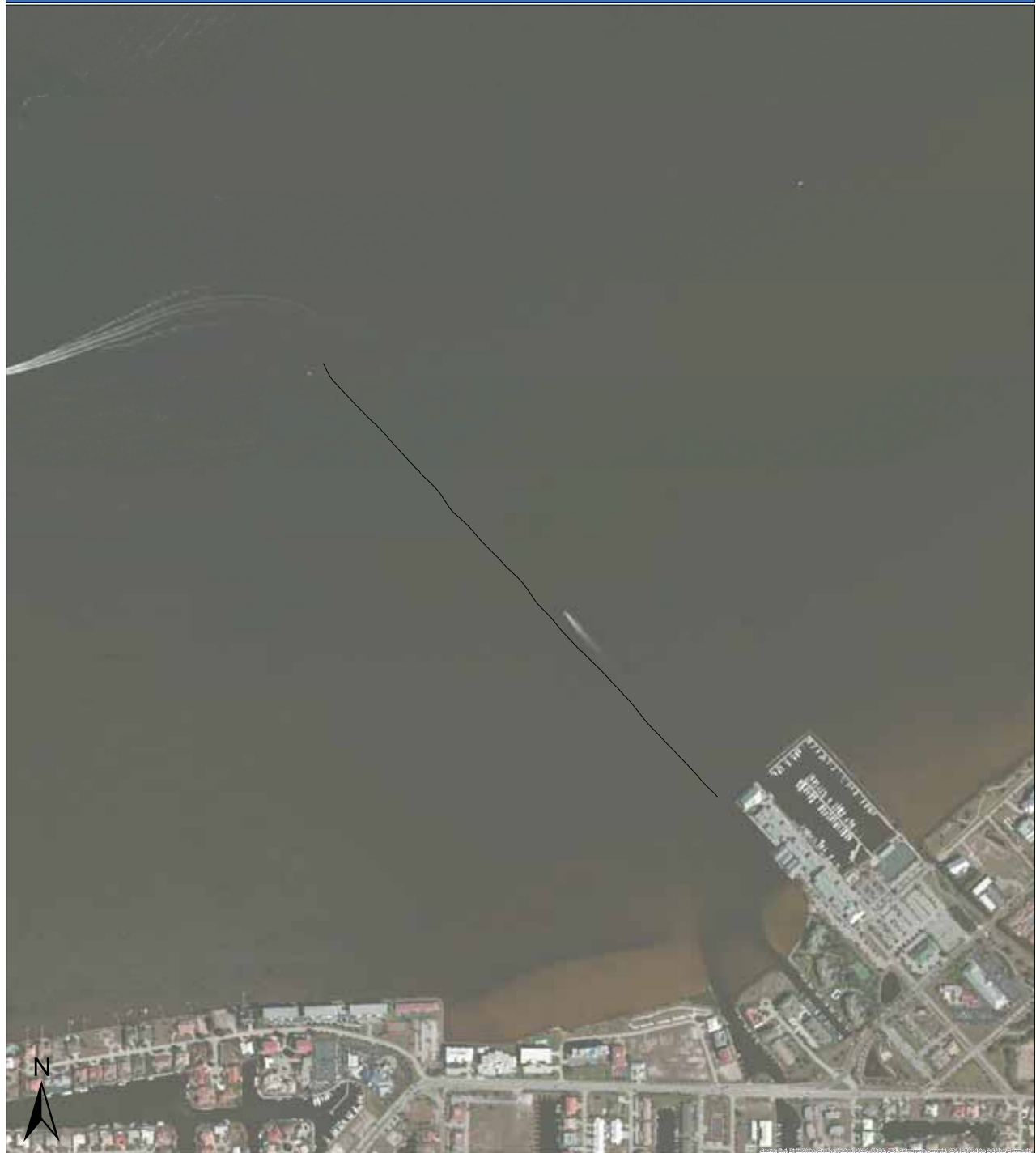
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 3,670 ft
Anticipated dredge length: 1,259 ft
Design Dredge Depth: 4.5 ft

Bass Inlet Secondary Channel



0 690 1,380 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 3,435 ft
 Anticipated dredge length: 0 ft
 Design Dredge Depth: 4.5 ft

Beeney/Bangsburg/Severin Waterway



Broad Creek



0 480 960 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

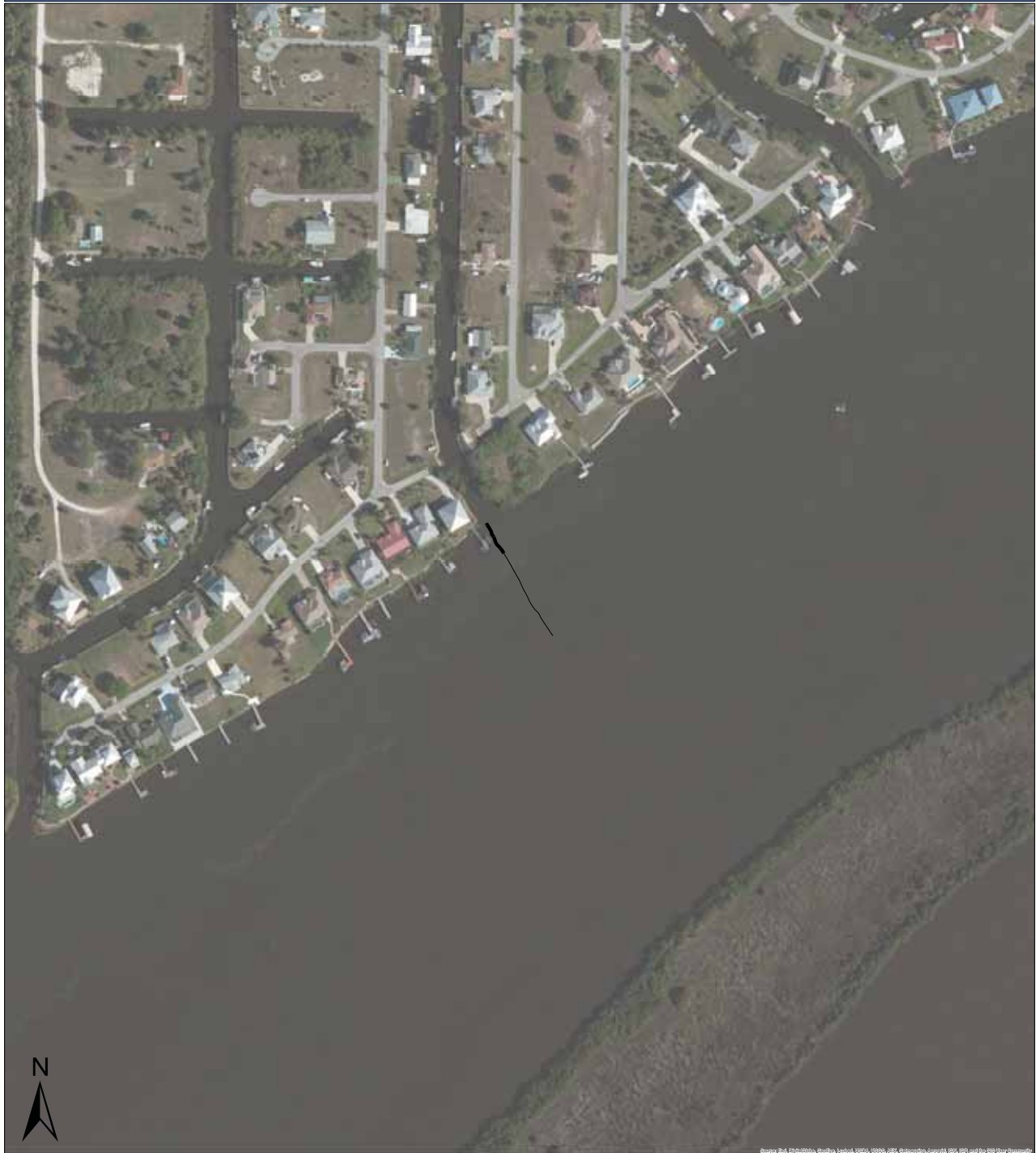
- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 726 ft
Anticipated dredge length: 726 ft
Design Dredge Depth: 3.5 ft

Countryman Waterway System



DeSoto Canal



0 275 550 Feet

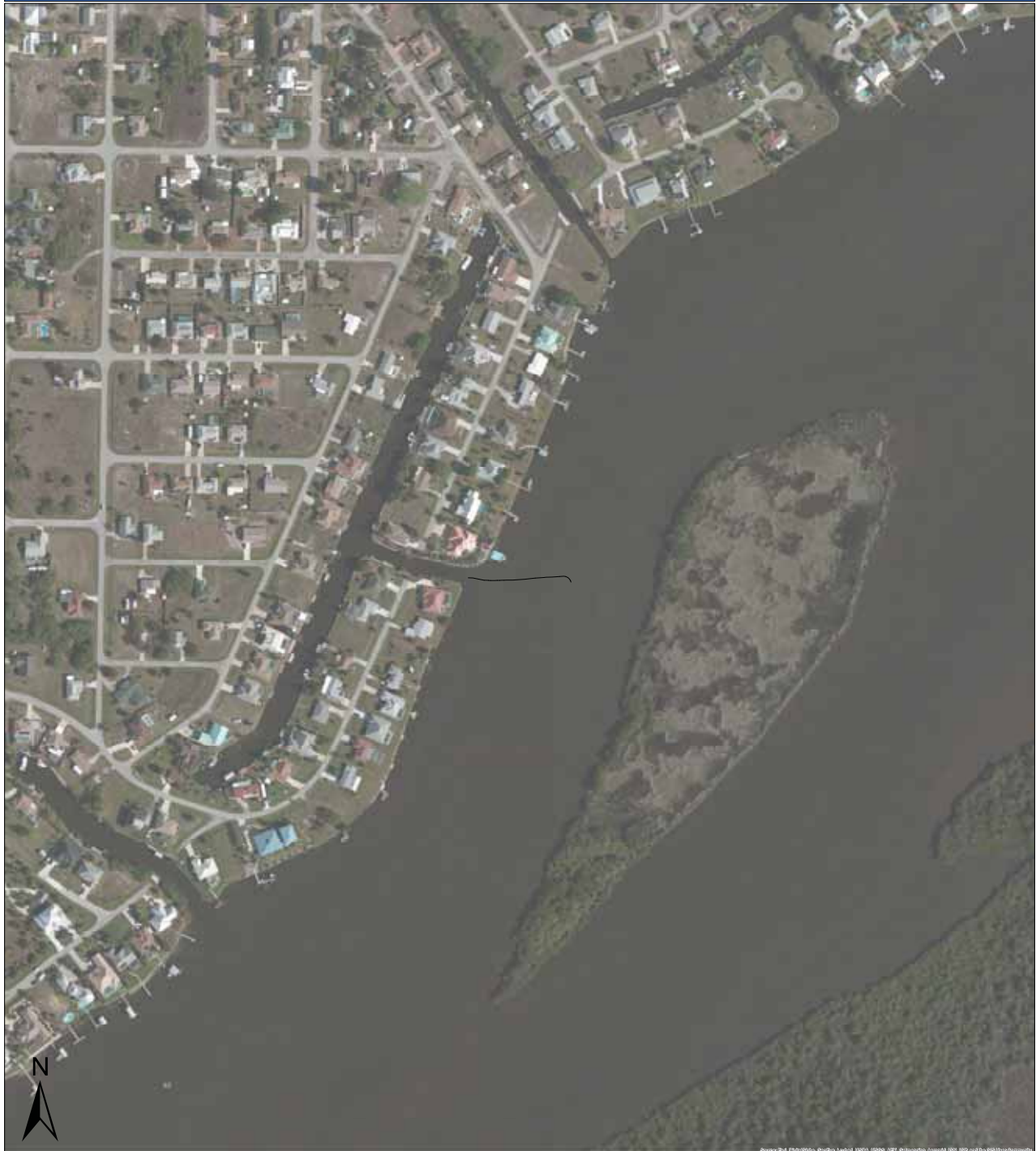
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 307 ft
Anticipated dredge length: 83 ft
Design Dredge Depth: 4.5 ft

Dover Canal



0 340 680 Feet

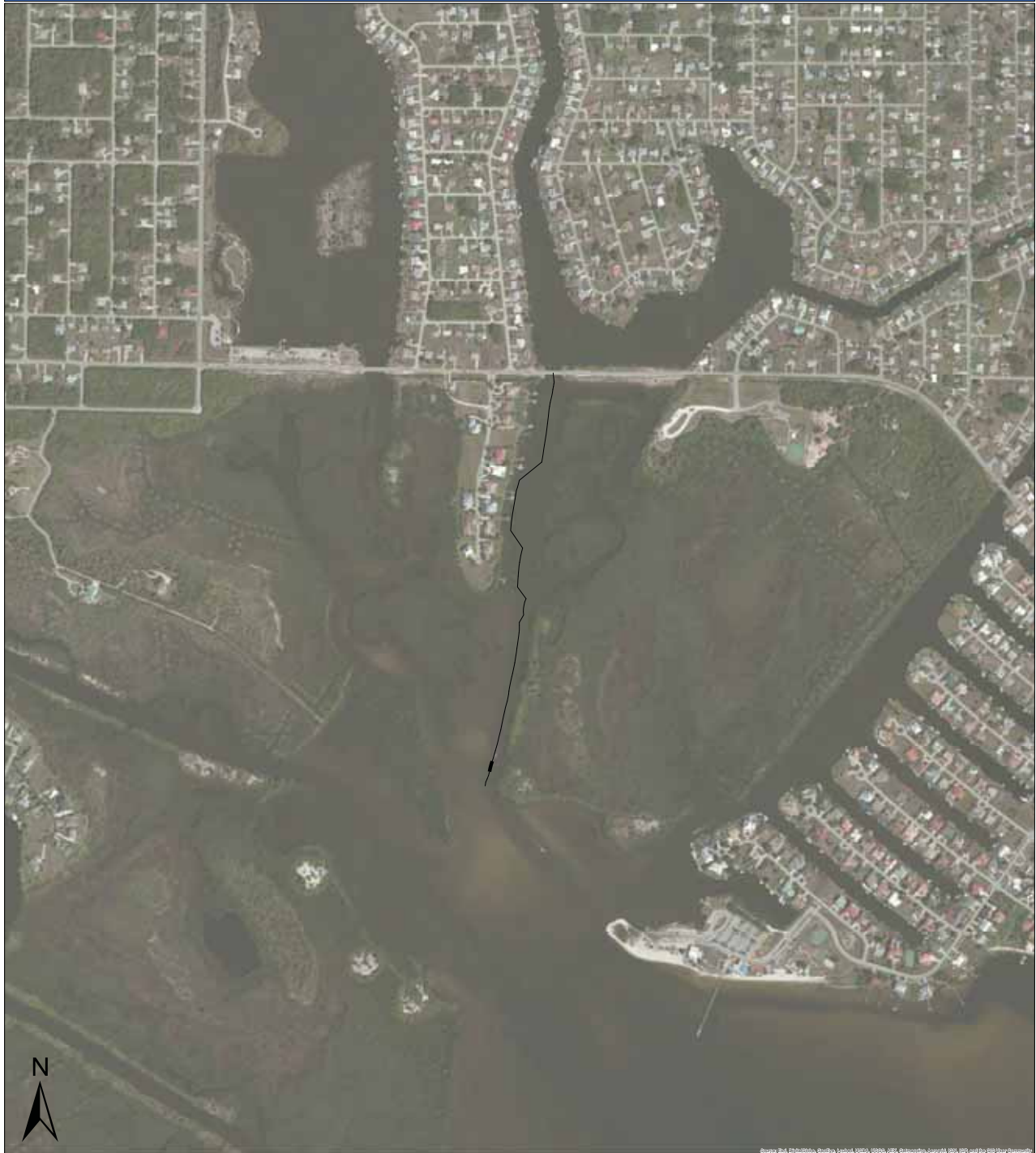
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 309 ft
Anticipated dredge length: 0 ft
Design Dredge Depth: 4.5 ft

East Spring Lake Waterway



0 820 1,640 Feet

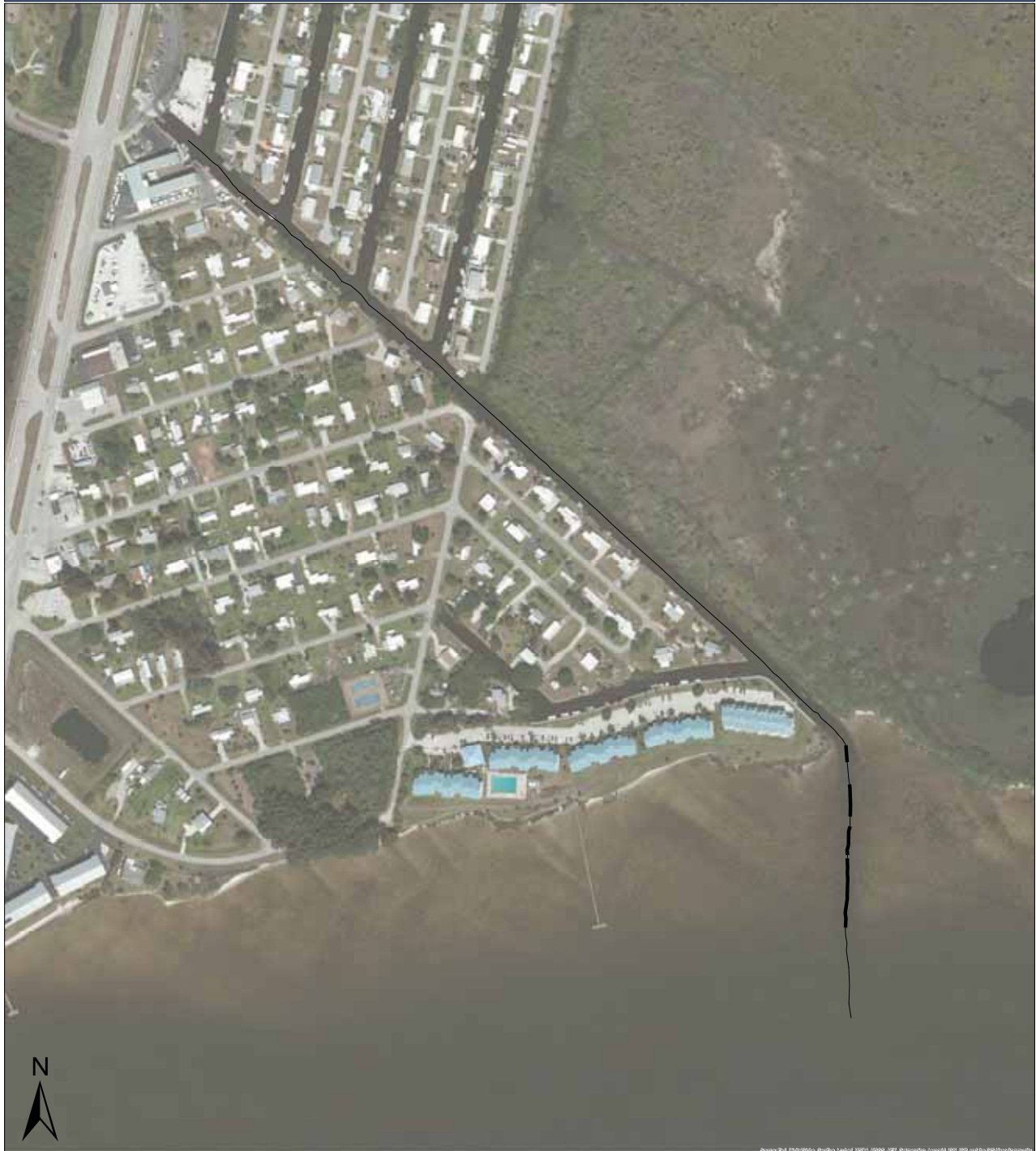
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 3,069 ft
Anticipated dredge length: 75 ft
Design Dredge Depth: 4.5 ft

El Jobean



0 340 680 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 3,420 ft
Anticipated dredge length: 432 ft
Design Dredge Depth: 4.5 ft

Gottfried Creek-Englewood Secondary Channel



0 480 960 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 6,767 ft
Anticipated dredge length: 1,001 ft
Design Dredge Depth: 3.5 ft

Little Alligator Creek



0 480 960 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

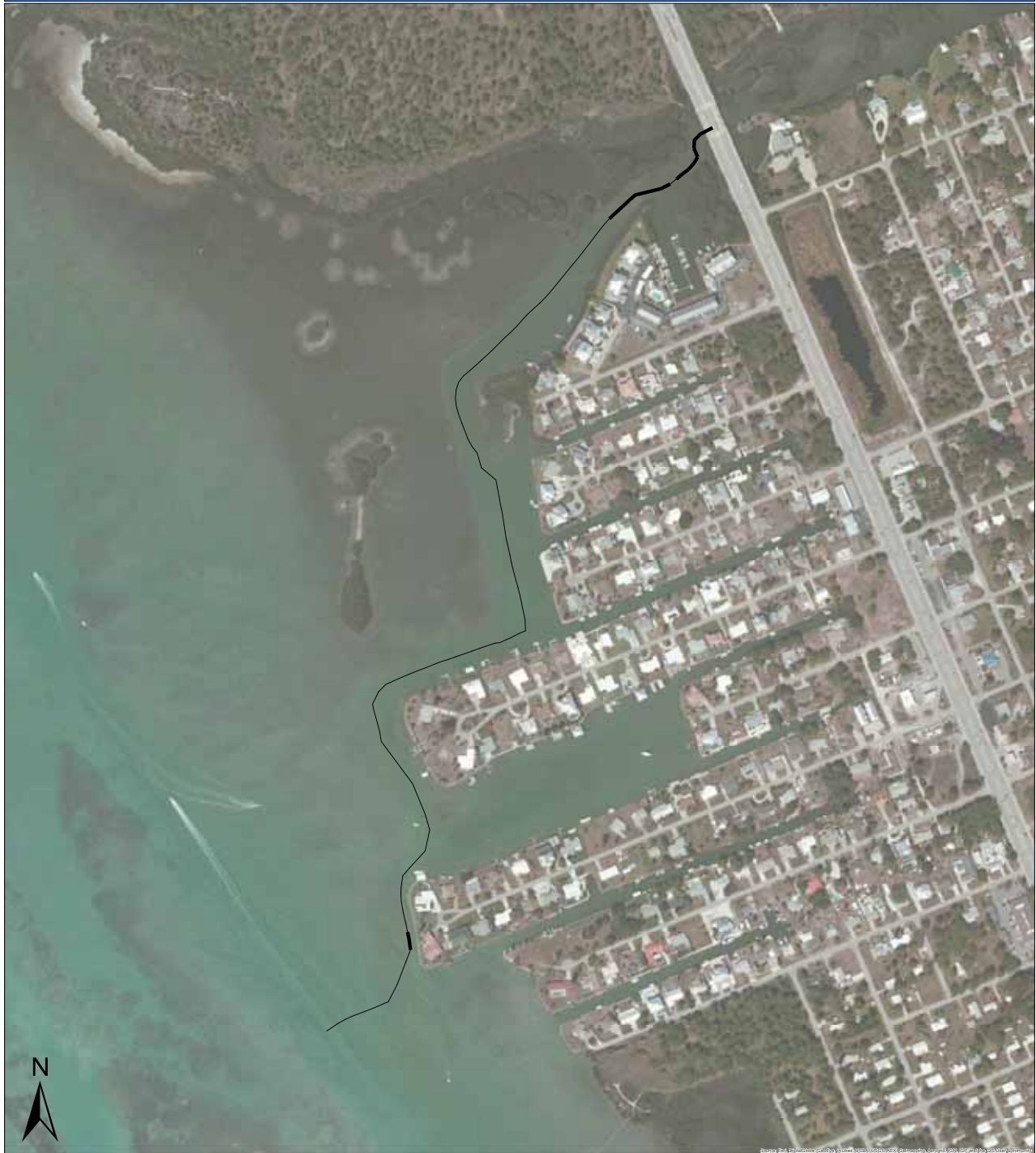
- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 5,084 ft
Anticipated dredge length: 2,043 ft
Design Dredge Depth: 4.5 ft

Myakka River Secondary Channel



Oyster Creek



0 480 960 Feet

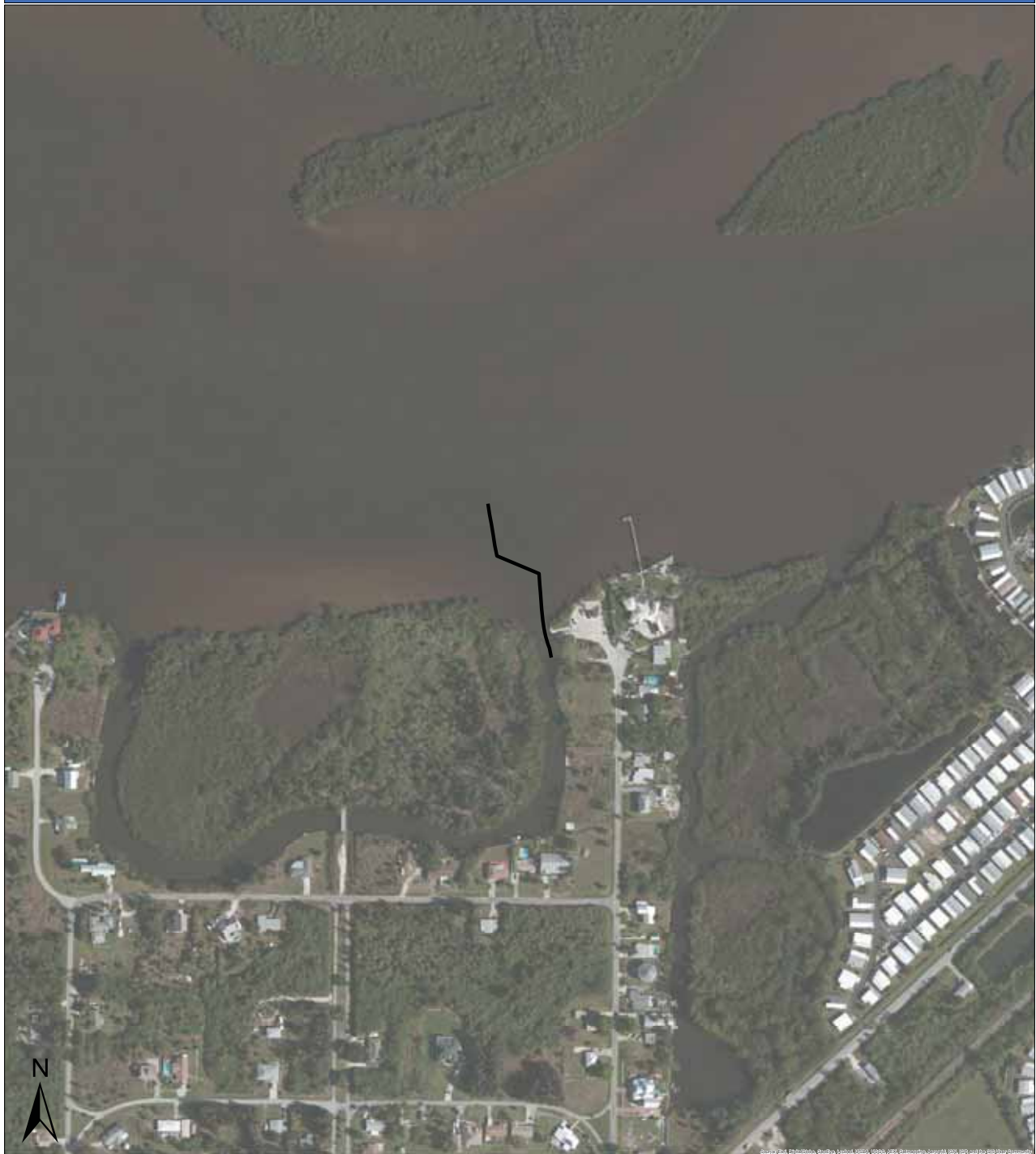
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 5,059 ft
Anticipated dredge length: 659 ft
Design Dredge Depth: 4 ft

Peace Island-East



0 340 680 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 537 ft
Anticipated dredge length: 537 ft
Design Dredge Depth: 3.5 ft

Punta Gorda Isles-Tarpon/Pompano Inlet



0 690 1,380 Feet

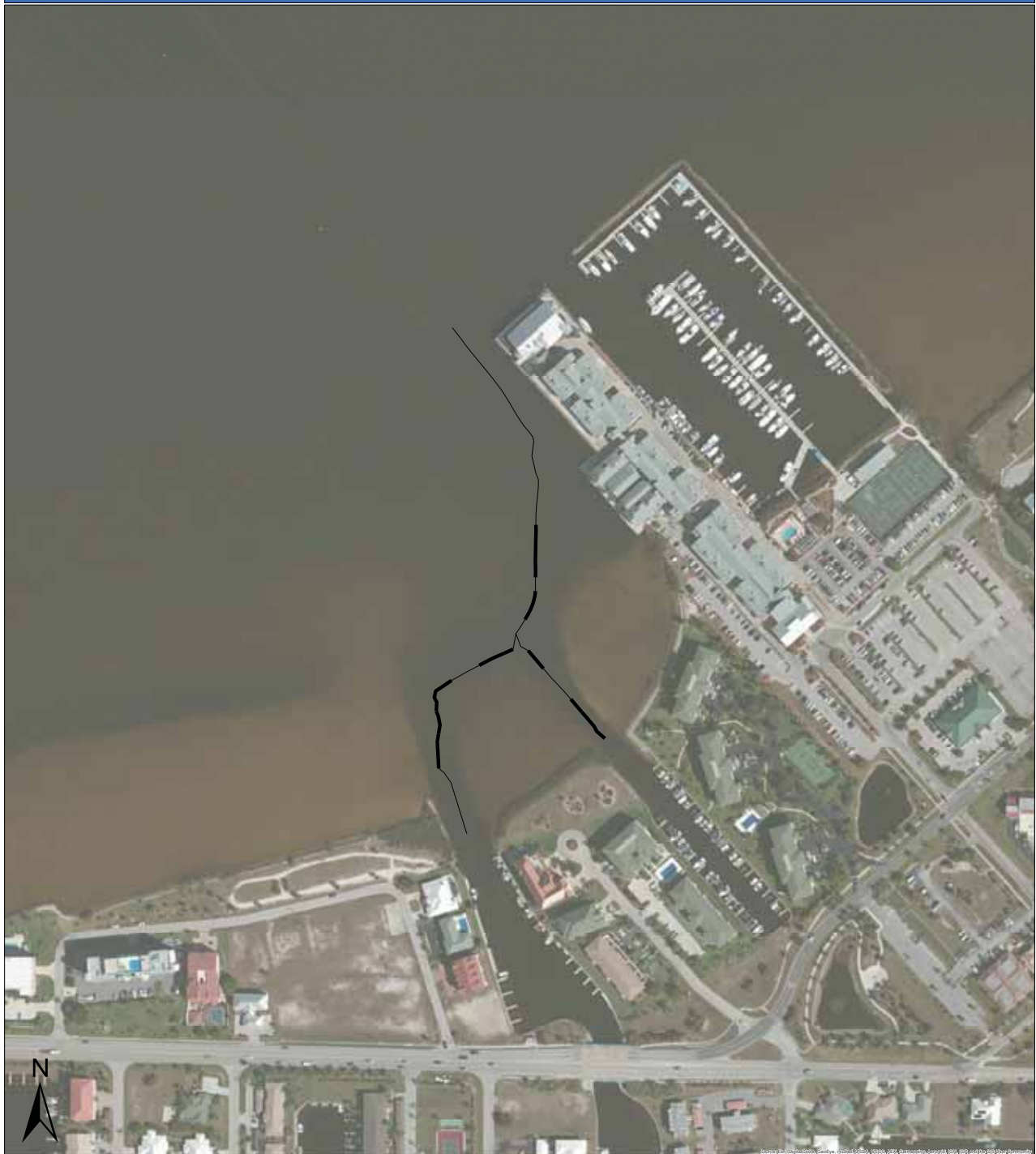
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 6,284 ft
Anticipated dredge length: 2,388 ft
Design Dredge Depth: 6.5 ft

Punta Gorda Isles -- Bass Inlet



0 275 550 Feet

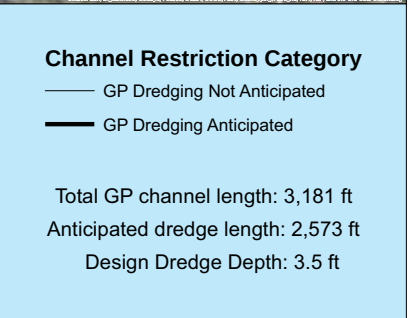
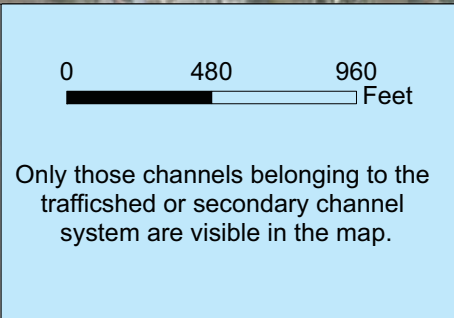
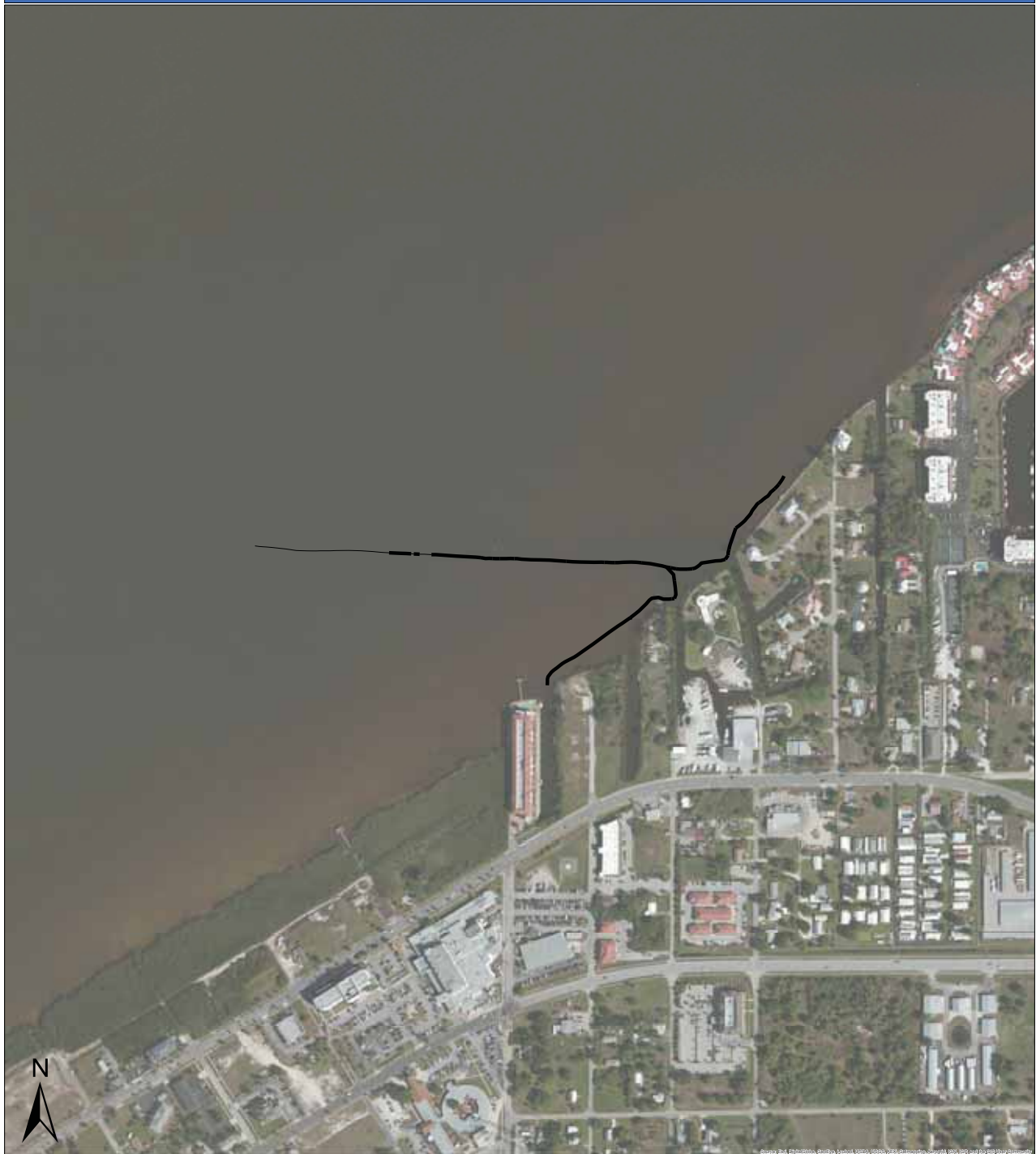
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

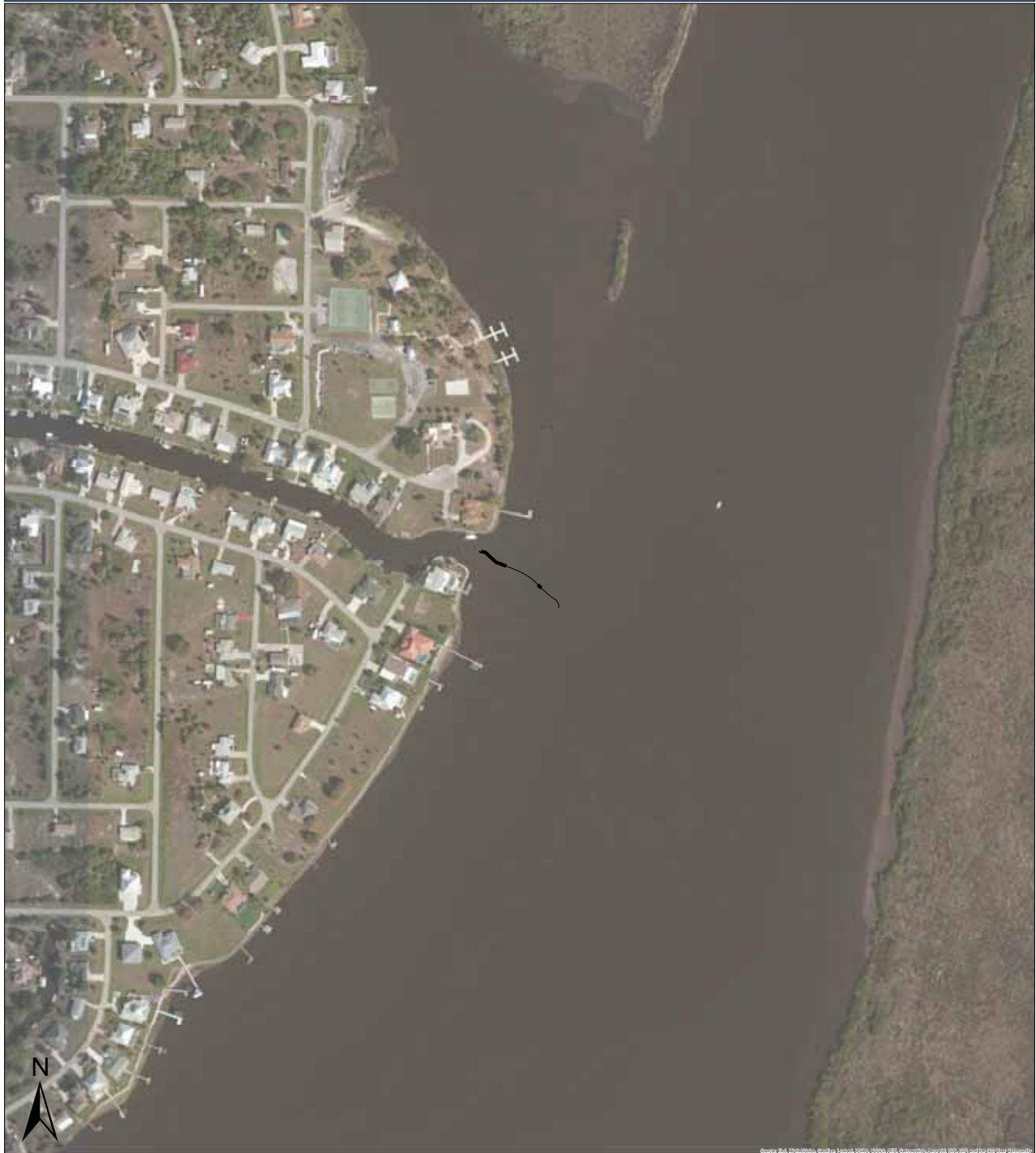
- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 1,713 ft
Anticipated dredge length: 689 ft
Design Dredge Depth: 4.5 ft

Punta Gorda Marina



San Marino Canal



0 340 680 Feet

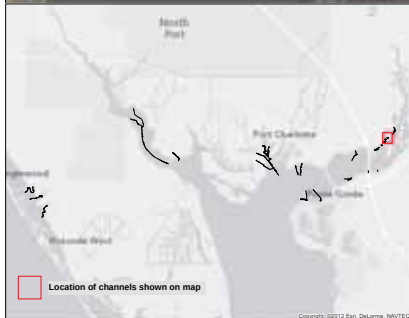
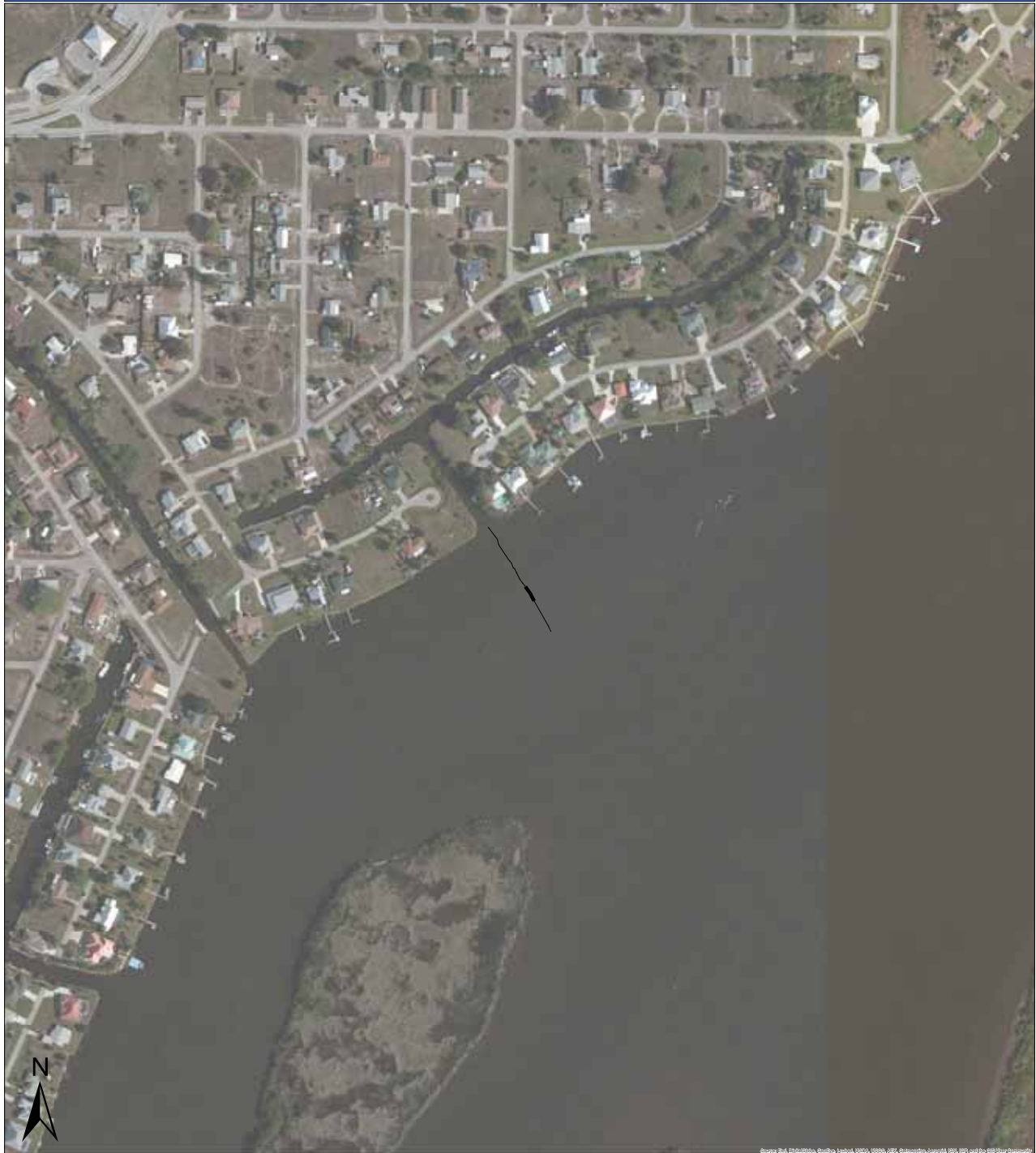
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 291 ft
Anticipated dredge length: 104 ft
Design Dredge Depth: 4.5 ft

San Salvador Canal



0 340 680 Feet

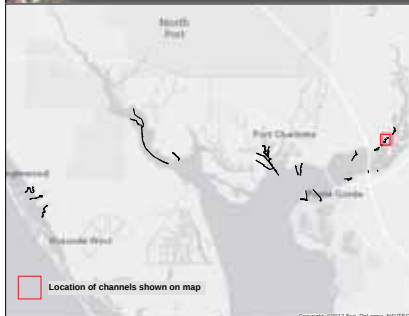
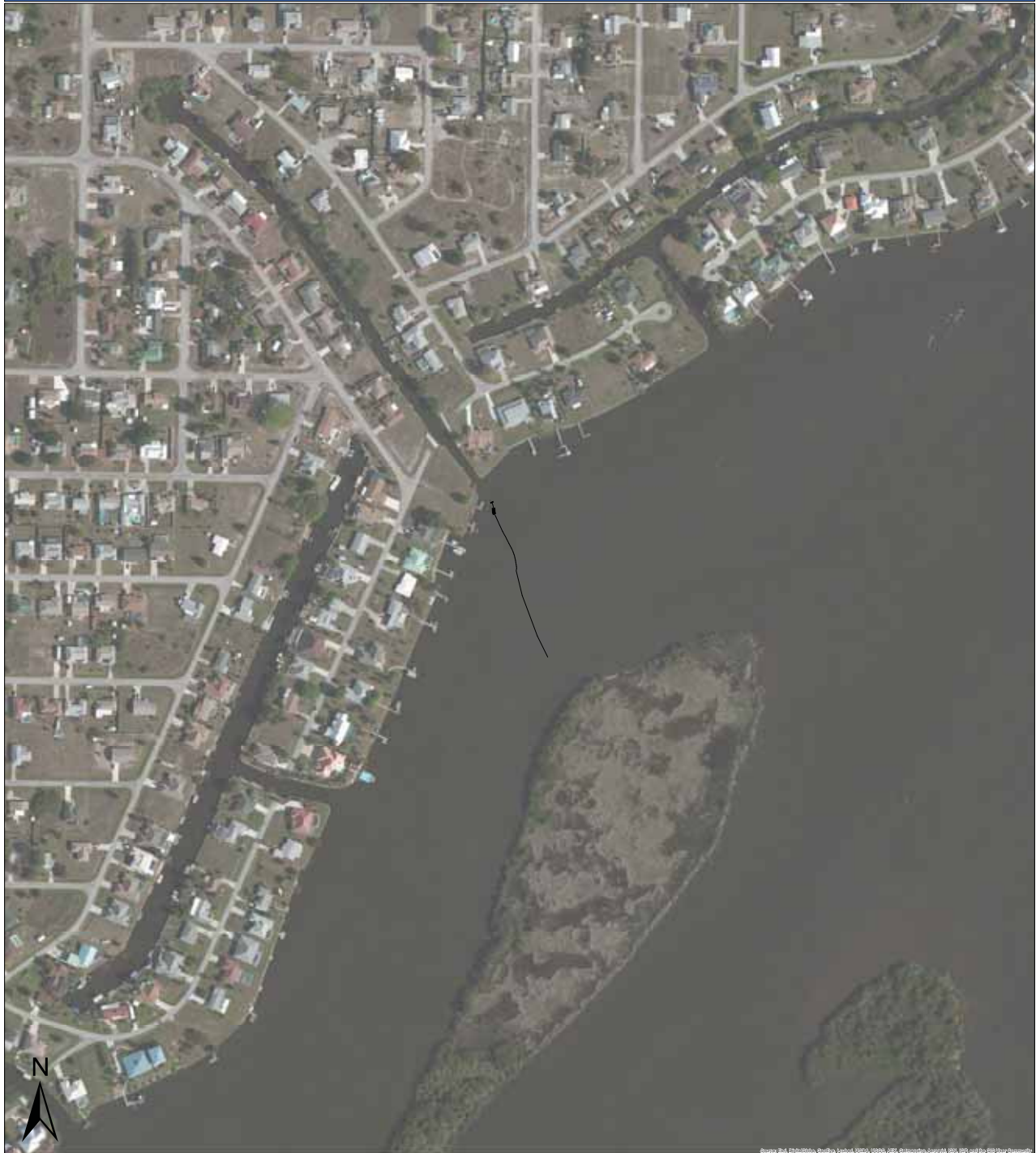
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 358 ft
Anticipated dredge length: 49 ft
Design Dredge Depth: 4.5 ft

Santa Barbara Canal



0 340 680 Feet

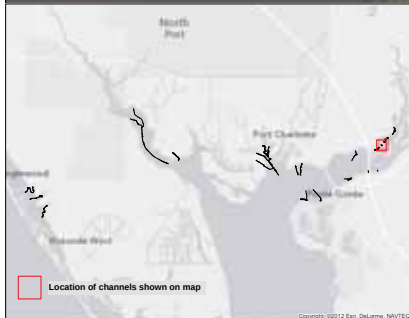
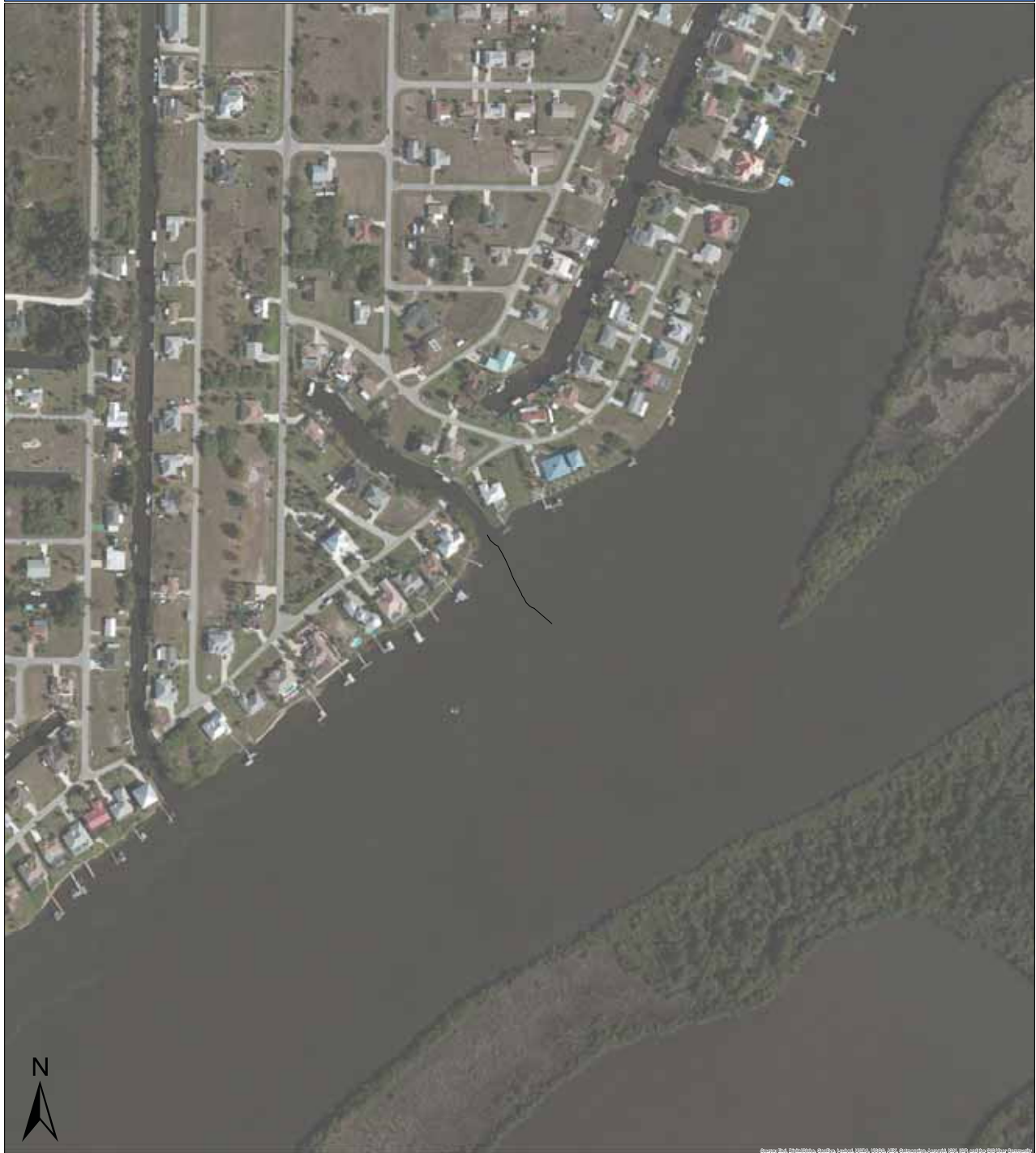
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 486 ft
Anticipated dredge length: 24 ft
Design Dredge Depth: 4.5 ft

Santa Clara Canal



0 340 680 Feet

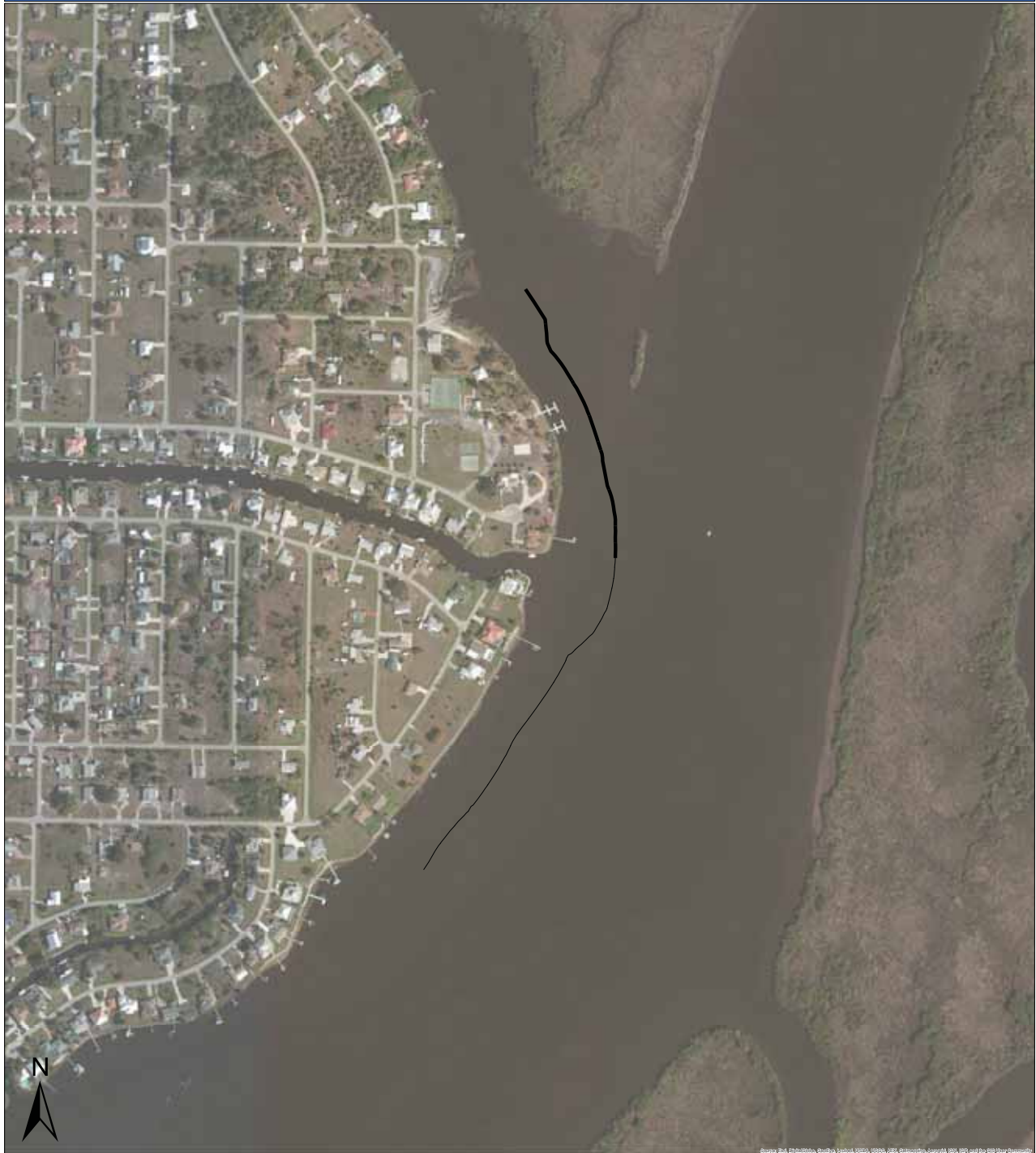
Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 328 ft
Anticipated dredge length: 0 ft
Design Dredge Depth: 4.5 ft

Whidden Bay Secondary Channel



0 480 960 Feet

Only those channels belonging to the trafficked or secondary channel system are visible in the map.

Channel Restriction Category

- GP Dredging Not Anticipated
- GP Dredging Anticipated

Total GP channel length: 2,710 ft
Anticipated dredge length: 1,186 ft
Design Dredge Depth: 4.5 ft



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