

Maps of Lee County Noticed General Permit Trafficked Channels and Secondary Channels



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**SGEF-173
30 October 2008**



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Foreword

This document is a collection of maps, prepared by Florida Sea Grant, that depict channels included in the Lee County Noticed General Permit (NGP)¹. Each map shows either (a) channel segments within an NGP trafficshed (boat source area, the vessels berthed in which exit via a common channel to a secondary channel or directly to deep, open water) or (b) segments in an NGP secondary channel system (contains channels that route vessels from one or more trafficsheds to deep, open water).

Channel segments are symbolized by line thickness to highlight those for which dredging is anticipated under the NGP. The symbology is determined by subtracting the measured MLLW² depth of each channel segment from the NGP depth (determined for the entire trafficshed or secondary channel system). If the difference is greater than zero, the status “NGP Dredging Anticipated” is assigned. Otherwise, the status is “NGP Dredging not Anticipated.” Each map includes a summary table of total NGP channel length, total length of channel segments for which NGP dredging is anticipated, and NGP dredge depth.

The channel segments are waterway centerlines constructed from depths measured in the Lee County Regional Waterway Management System project, Phase 1 (2000)³, Phase 2 (2001)⁴, and Phase 3 (2002)⁵.

¹ Rule 62-341.494, F.A.C., “Noticed General Permit for Maintenance of Public Navigation Channel and Canal Infrastructure by the West Coast Inland Navigation District within Lee County”

² Mean Lower Low Water

³ Swett, R.A., D.A. Fann, G.A. Antonini, and L. Carlin Alexander, 2000. *Regional Waterway Management System for Lee County, Phase 1: Estero Bay*, Florida Sea Grant TD3, Gainesville, FL: Florida Sea Grant College Program, 2000.

⁴ Swett, R.A., D.A. Fann, G.A. Antonini, and L. Carlin Alexander, 2001. *Regional Waterway Management System for Lee County, Phase 2: Pine Island Sound*, Florida Sea Grant TD4, Gainesville, FL: Florida Sea Grant College Program.

⁵ Fann, D.A., R.A. Swett, L. Carlin Alexander, and G.A. Antonini, 2002. *Regional Waterway Management System for Lee County, Phase 3: Caloosahatchee River*, Florida Sea Grant TD5, Gainesville, FL: University of Florida Sea Grant College Program.

Trafficshed and secondary channel (SC) maps

1. Back Channel-South Estero Bay (SC)
2. Big Carlos Pass & Vicinity (SC)
3. Bokeelia East
4. Bokeelia West
5. Caloosa Isle Marina
6. Cape Coral Southwest
7. Central Estero Bay (SC)
8. Chantry Canal
9. Compass Rose
10. Deep Lagoon
11. Demere Key
12. East Fort Myers
13. Estero Island-Bayside (SC)
14. Everest Canal
15. Fish Tale Marina
16. Fish Trap Bay 2
17. Fort Myers Yacht Basin
18. Franklin Locks East
19. Getaway
20. Hancock Creek
21. Hogue (SC)
22. Hurricane Bay East (SC)
23. Hurricane Bay West (SC)
24. Imperial River-Lower
25. Imperial River-Upper
26. Imperial Shores
27. Marsh Point
28. Matanzas Harbor (SC)
29. Matlacha-Northwest
30. Matlacha-Southwest
31. Matlacha Isles/Cape Coral-Northwest
32. Mullock Creek
33. Normandy Canal
34. North Matlacha (SC)
35. Orange River
36. Pelican Landing
37. Plato Canal
38. Punta Rassa/Connie Mack Island
39. Redfish Point
40. Rookery Trace (SC)
41. Roosevelt Channel-Bayside
42. Roosevelt Channel-North
43. Saint James City-East
44. Saint James City-South
45. Siesta Isles
46. South Estero Bay (SC)
47. South Matlacha (SC)
48. Sunset Bay

Trafficshed and Secondary Channel System Overview



Figure 1. Back Channel-South Estero Bay

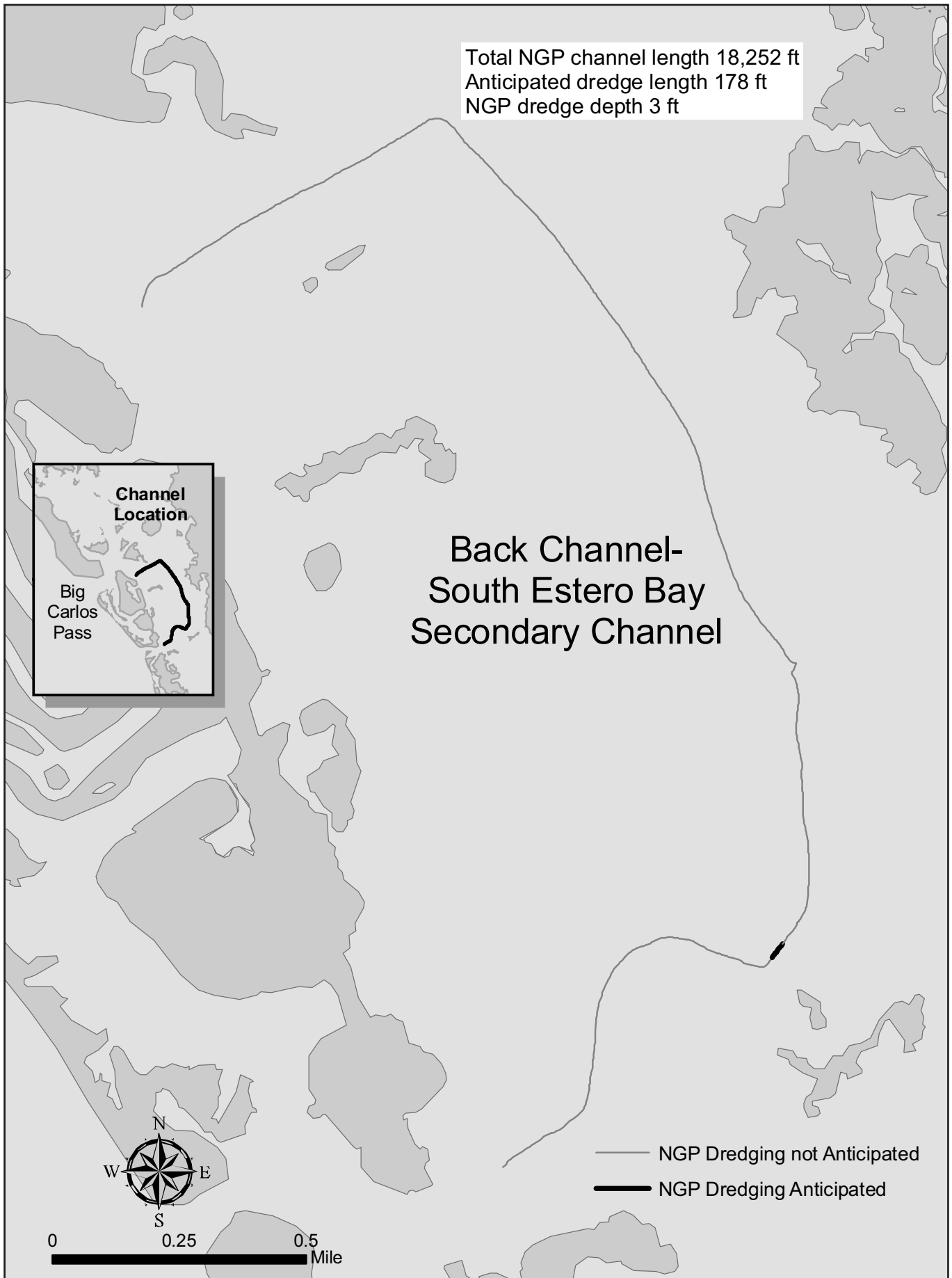


Figure 2. Big Carlos Pass & Vicinity

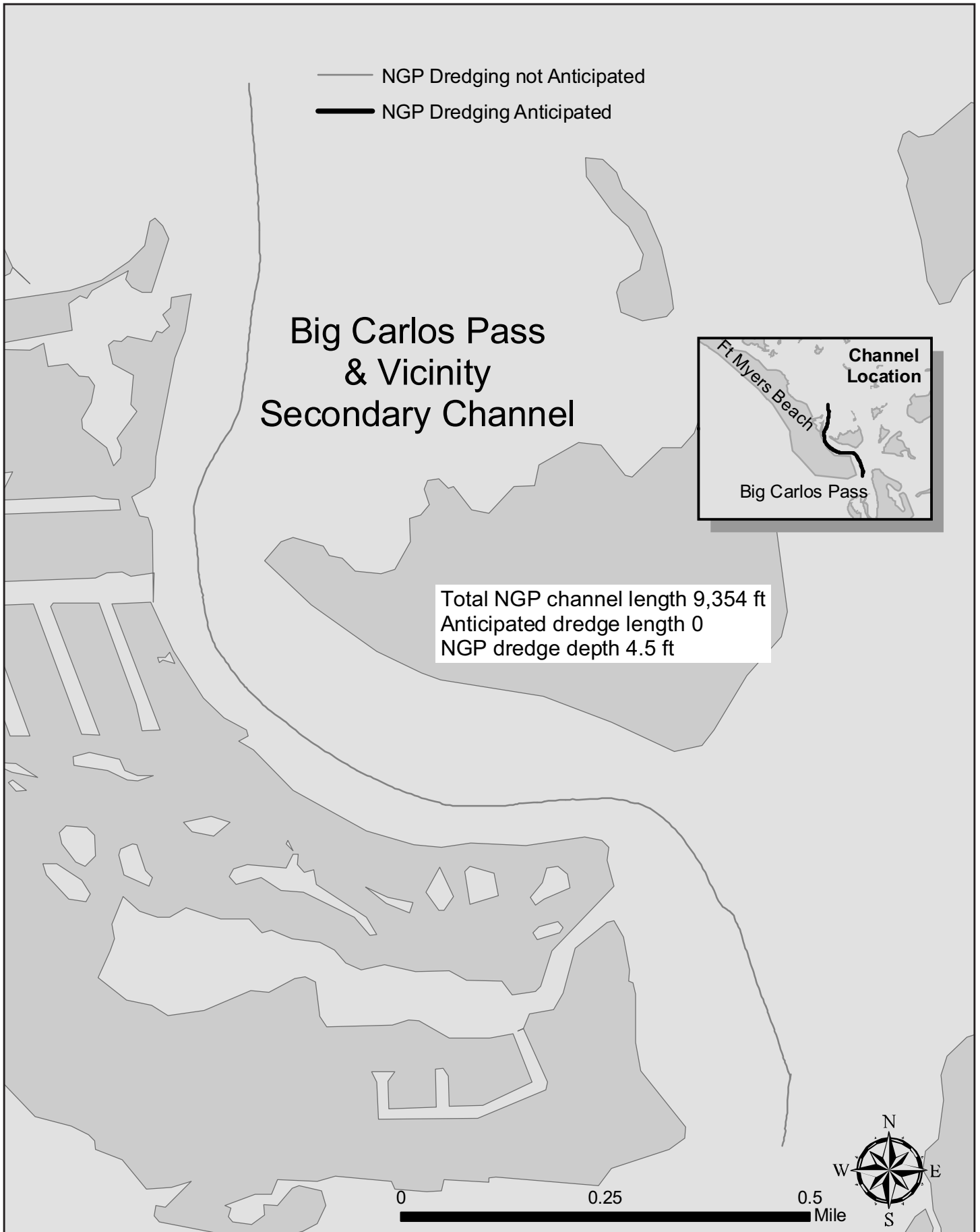


Figure 3. Bokeelia East

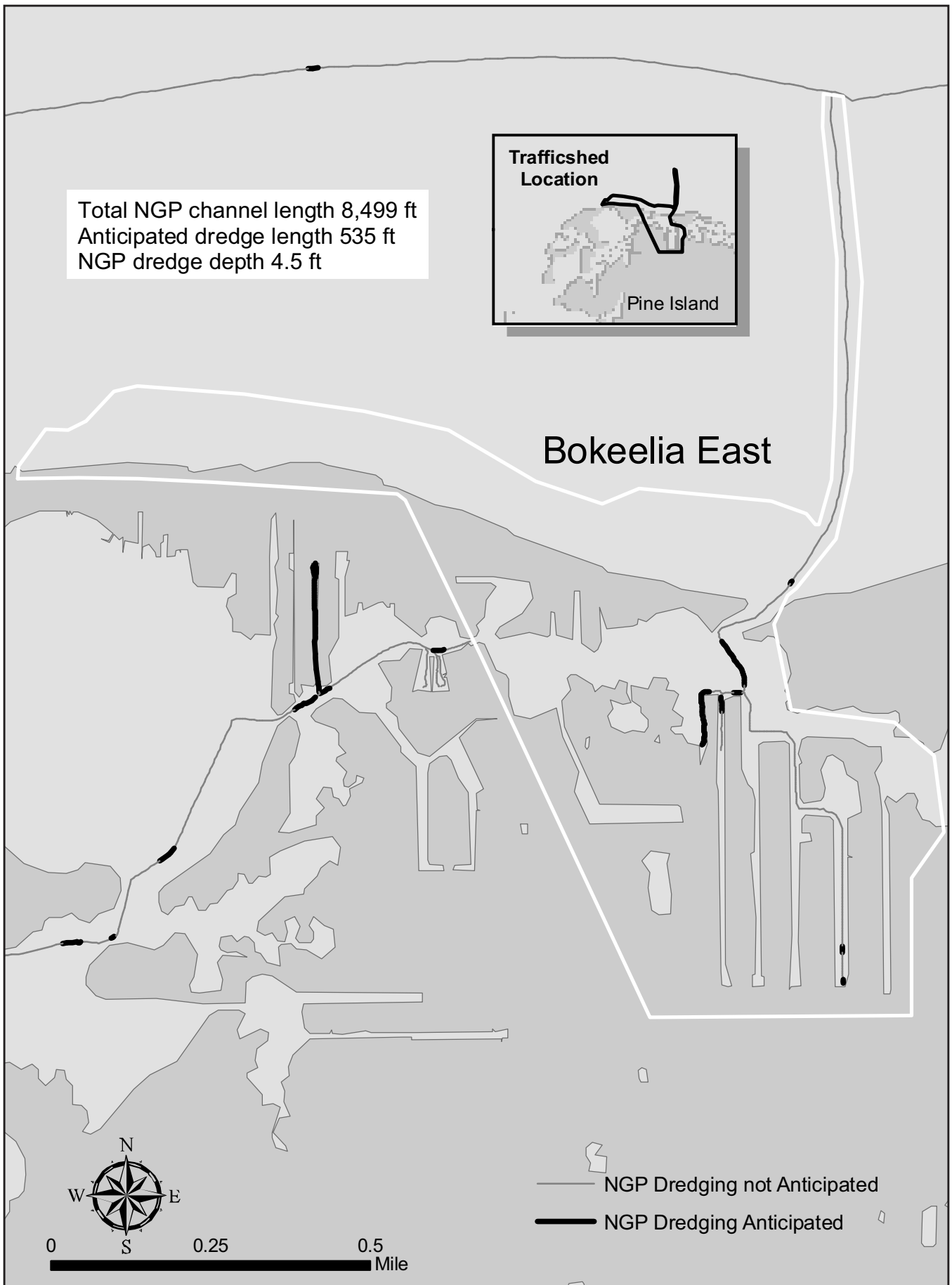


Figure 4. Bokeelia West

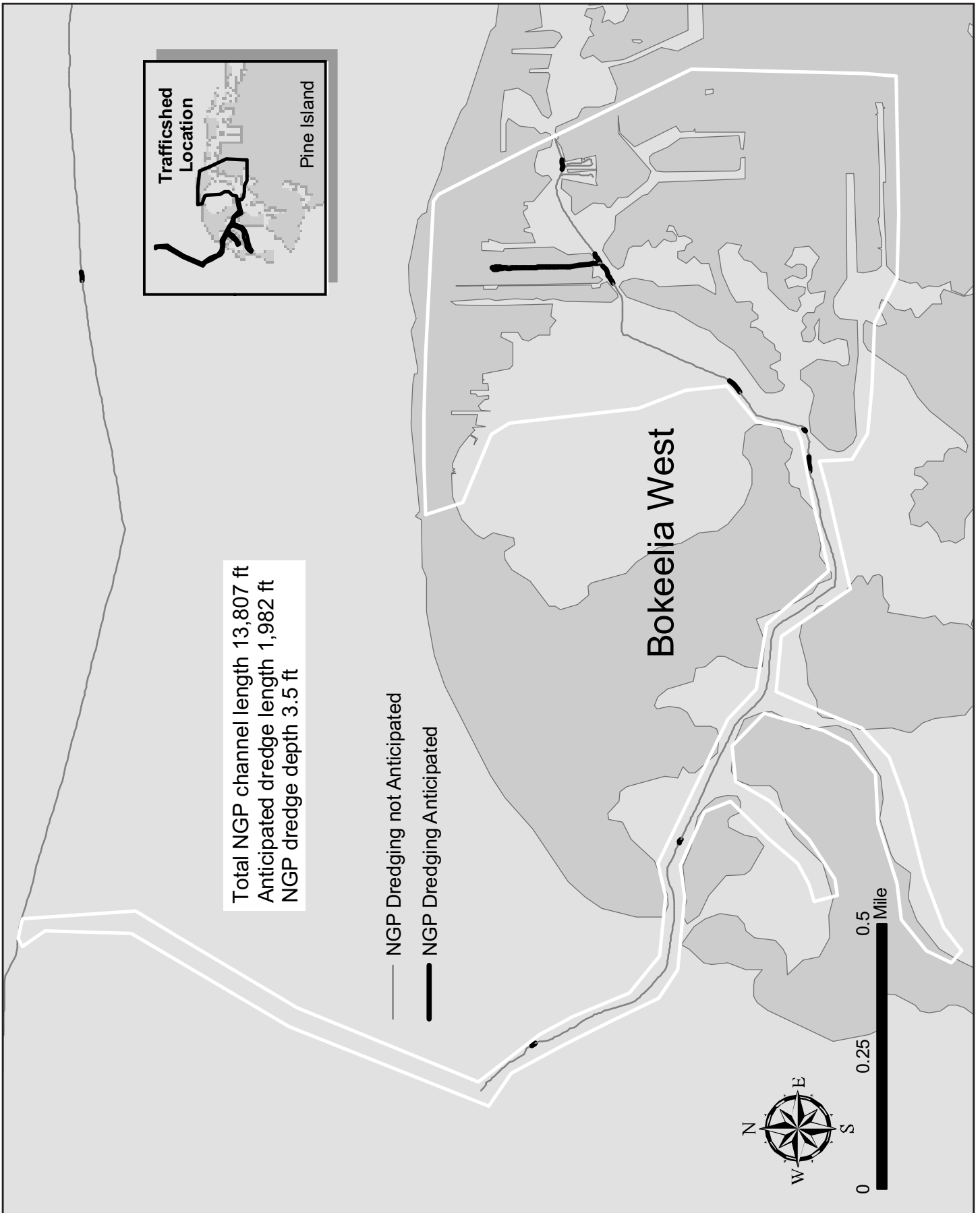


Figure 5. Caloosa Isle Marina

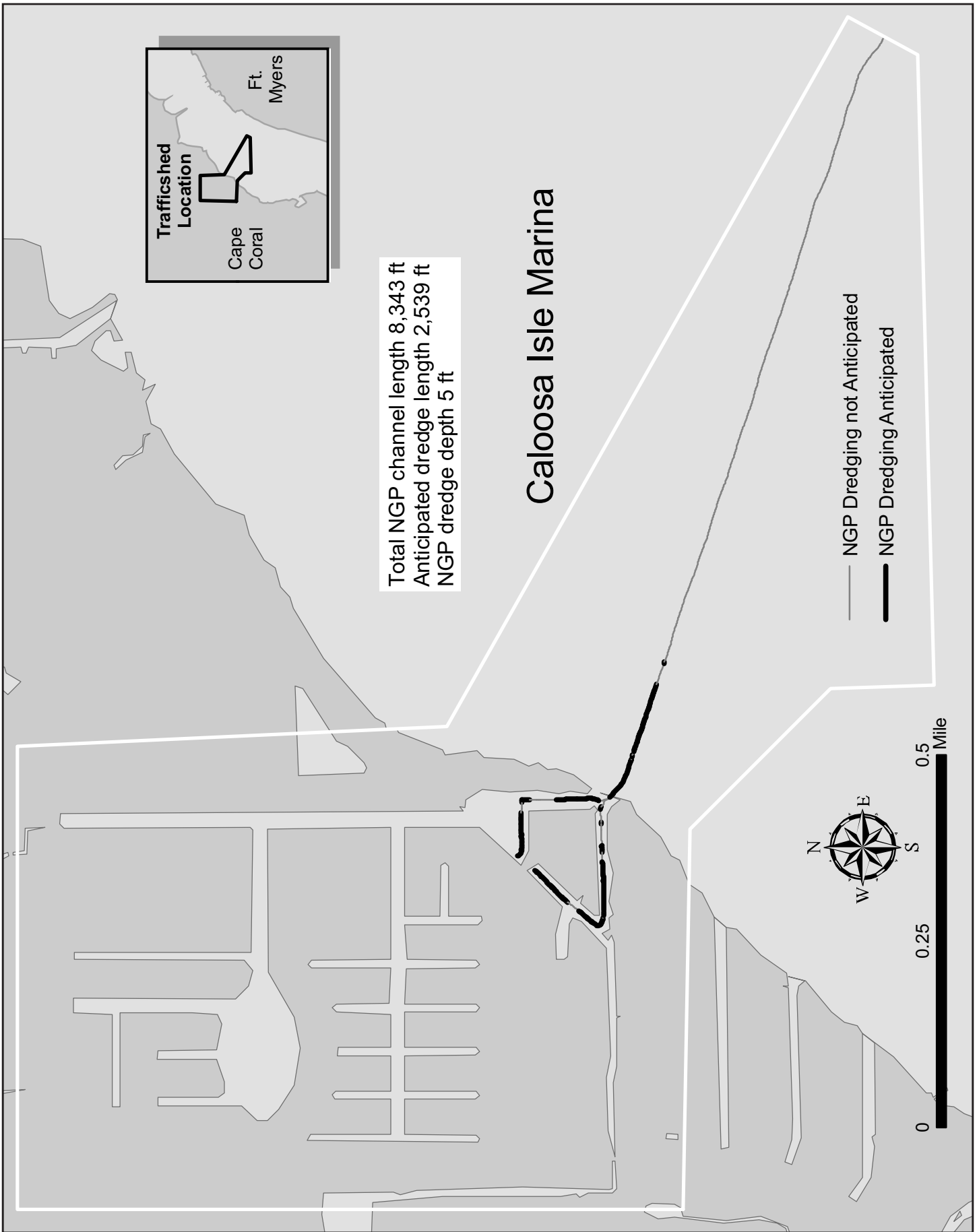


Figure 6. Cape Coral Southwest

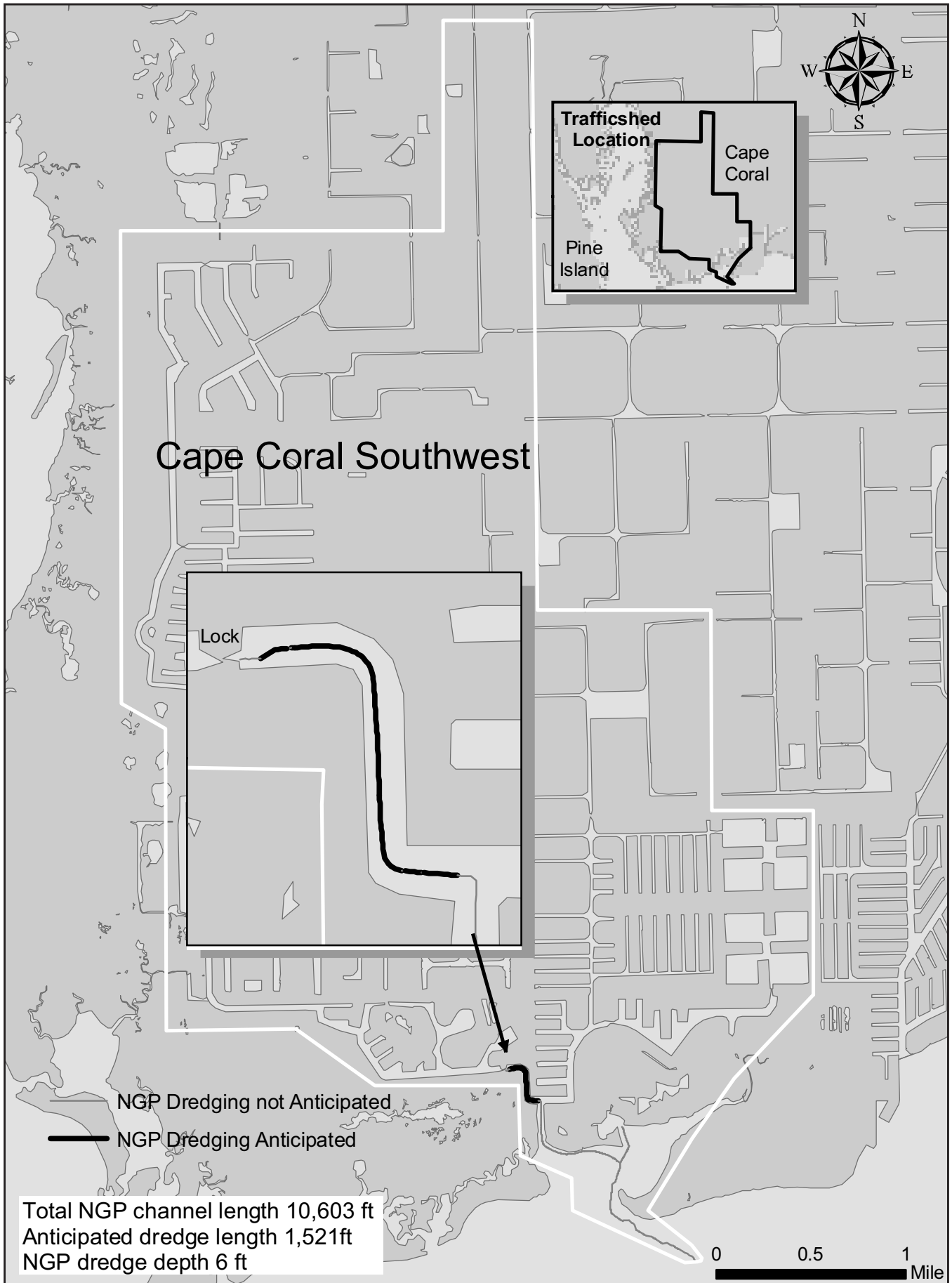


Figure 7. Central Estero Bay

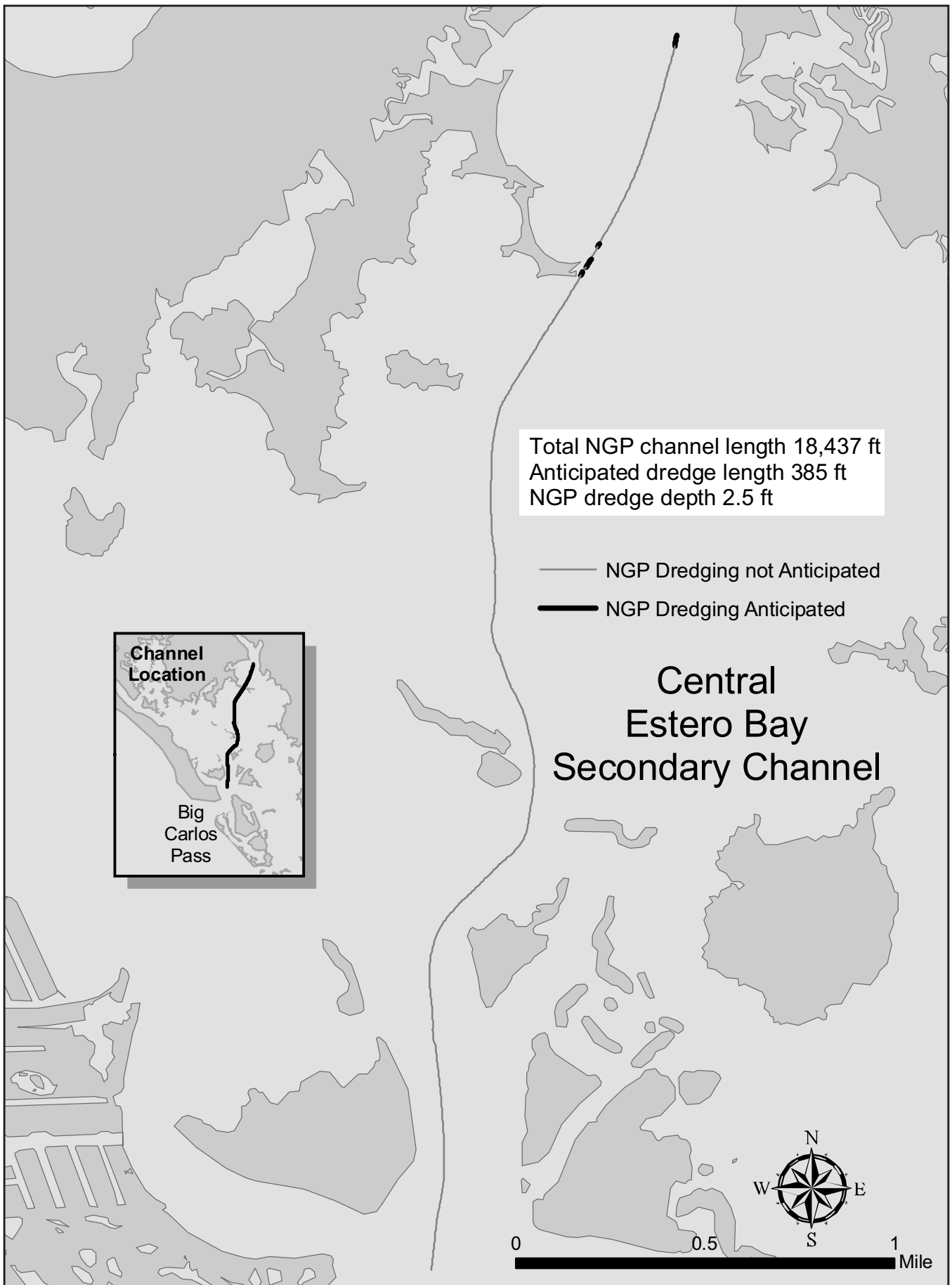


Figure 8. Chantry Canal

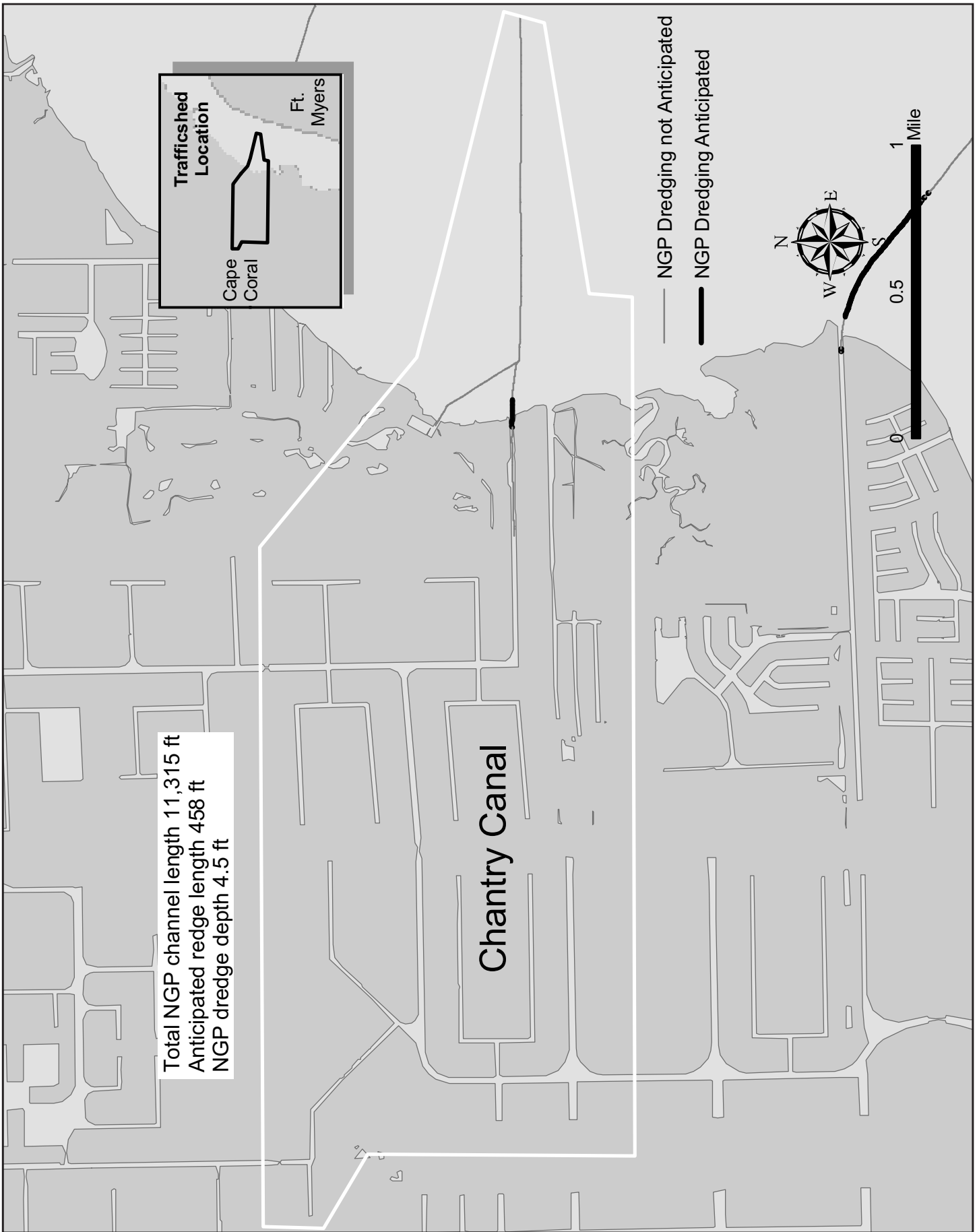


Figure 9. Compass Rose

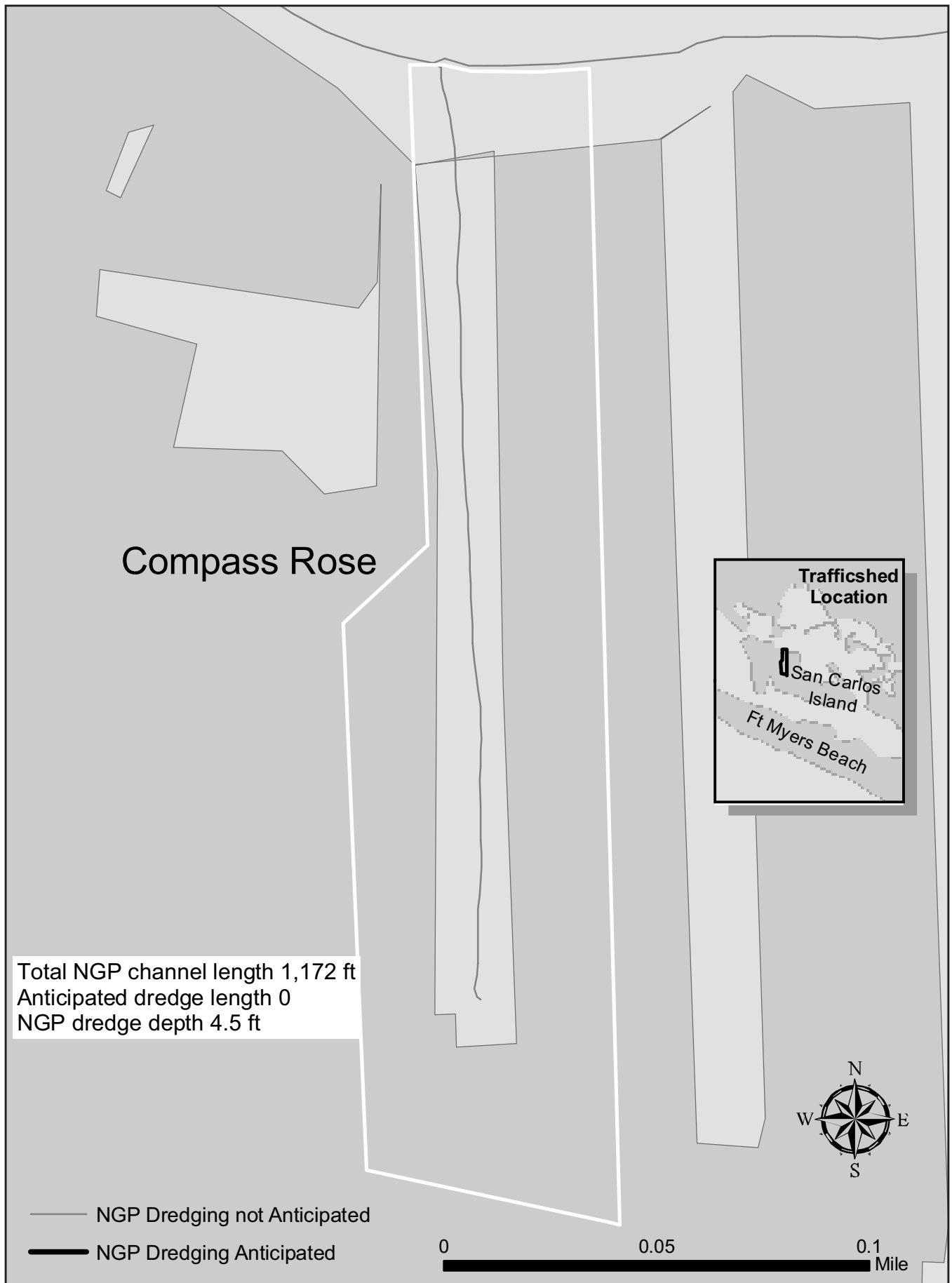


Figure 10. Deep Lagoon

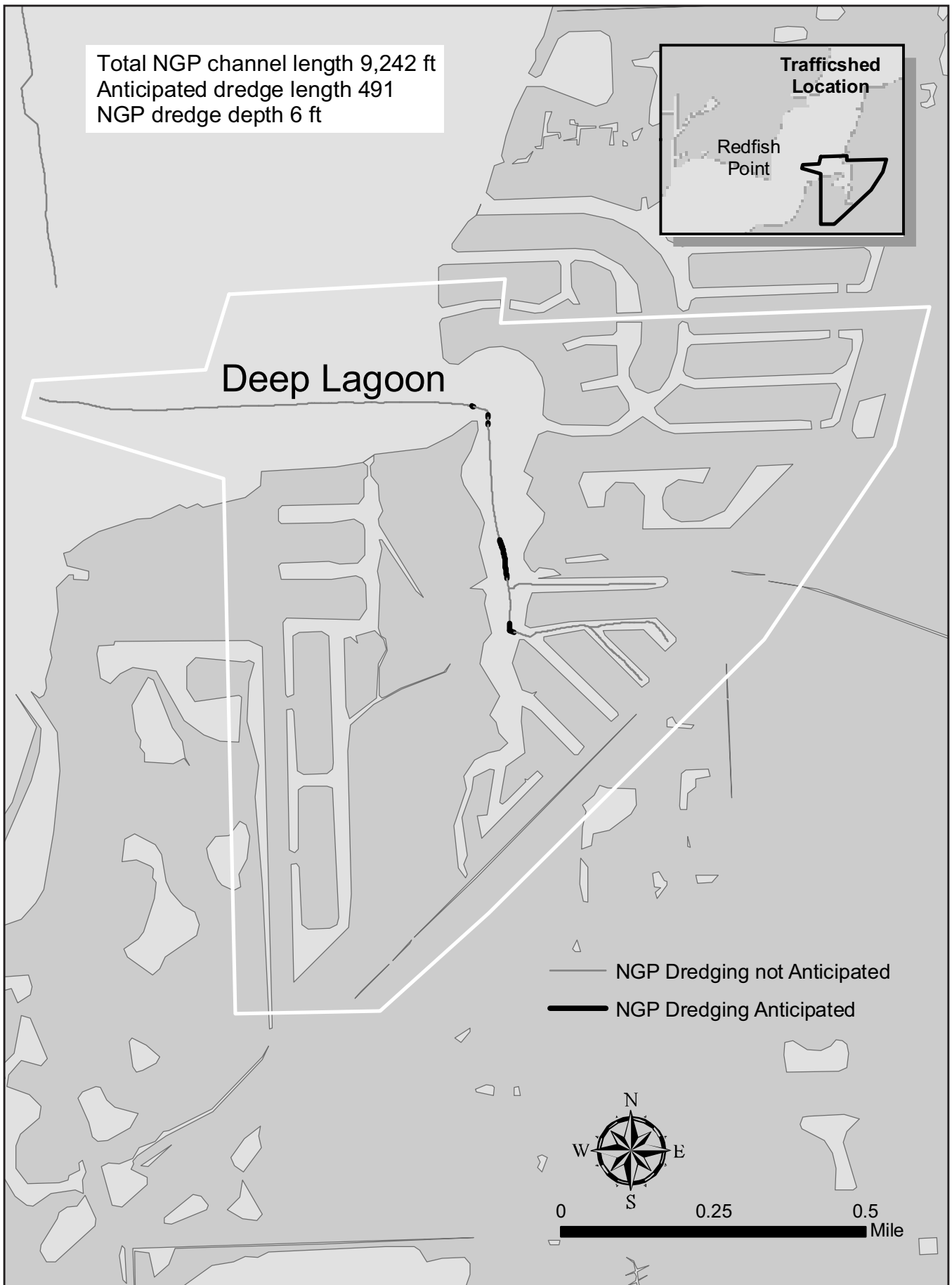


Figure 11. Demere Key

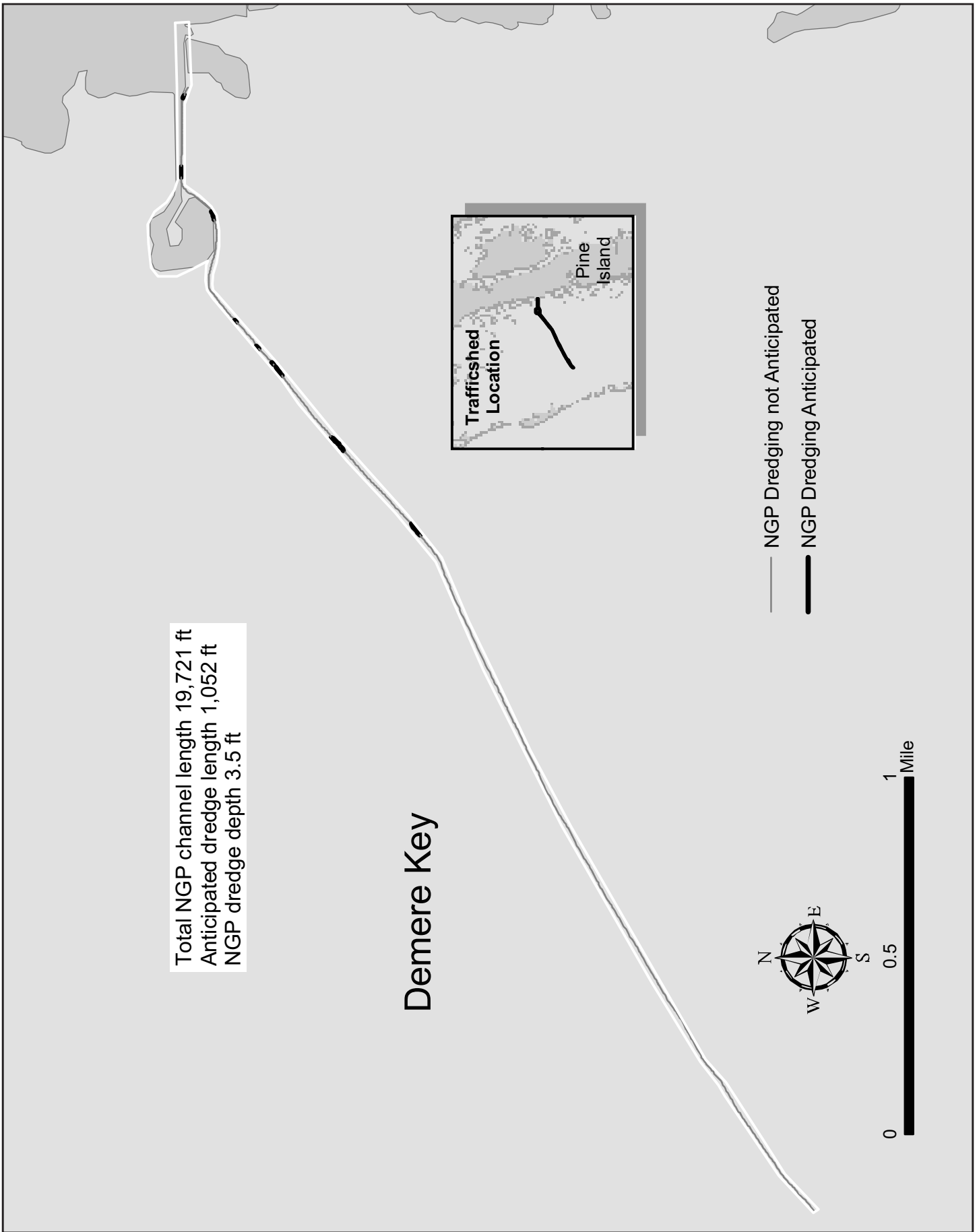


Figure 12. East Fort Myers

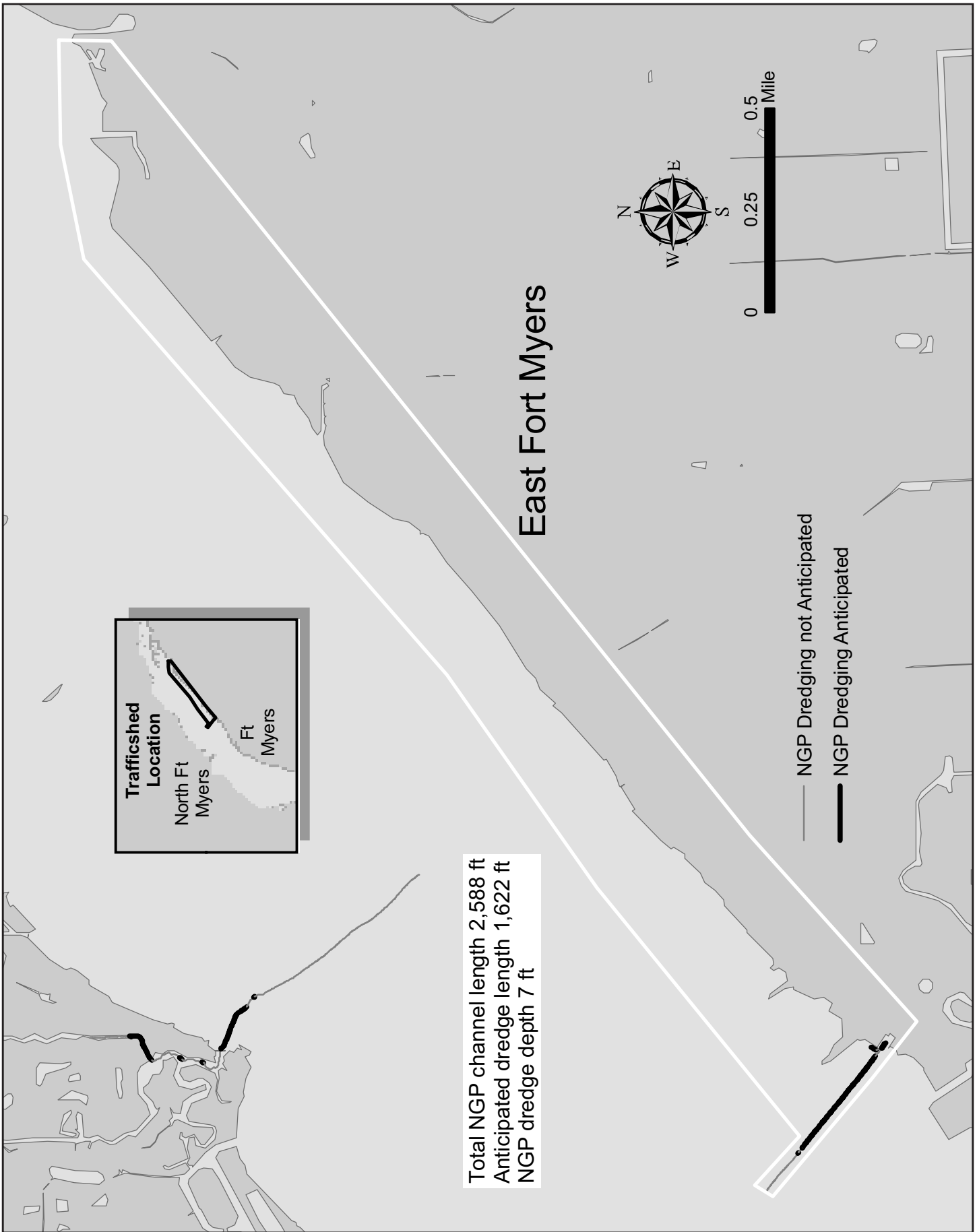


Figure 13. Estero Island-Bayside

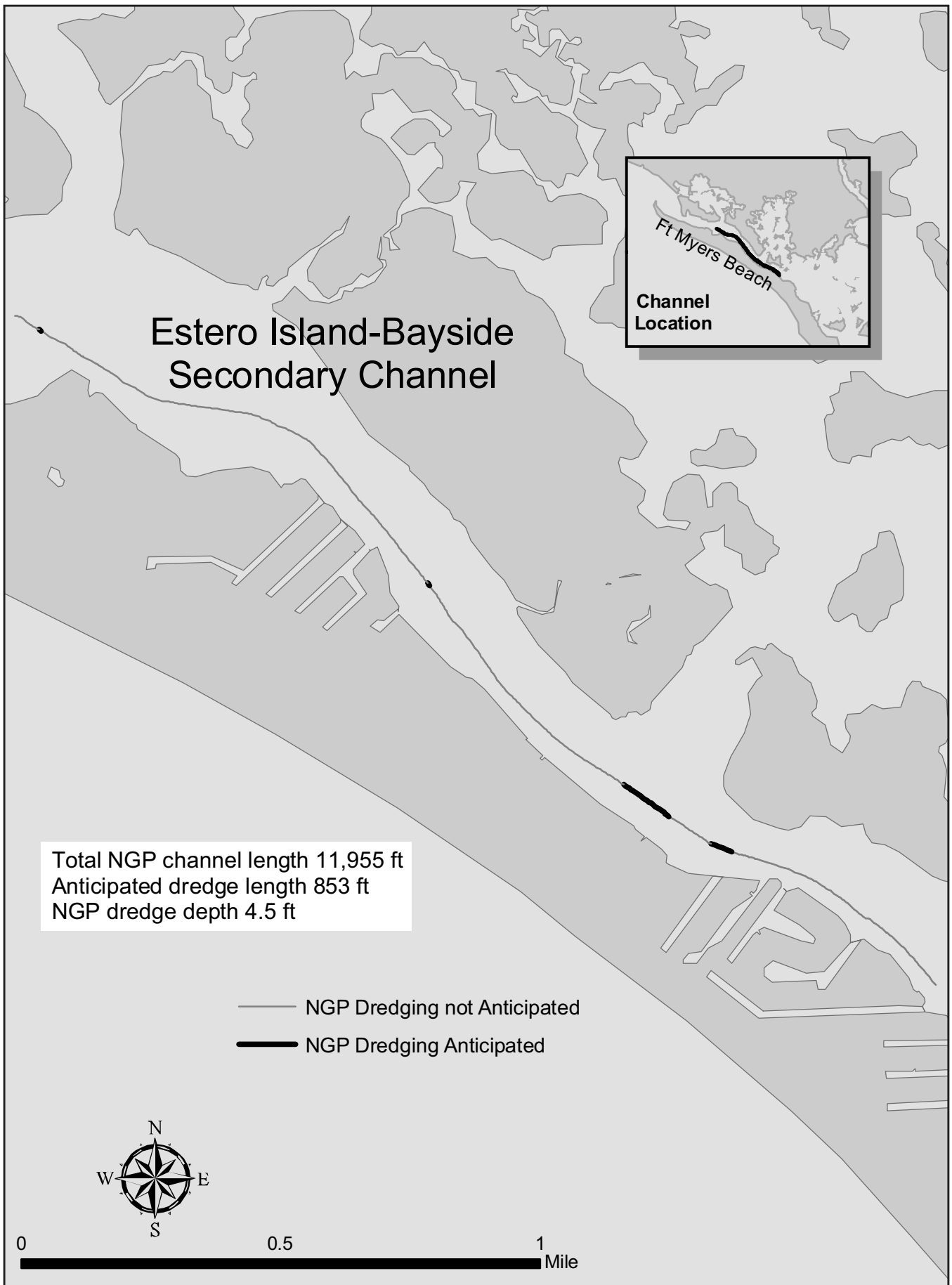


Figure 14. Everest Canal

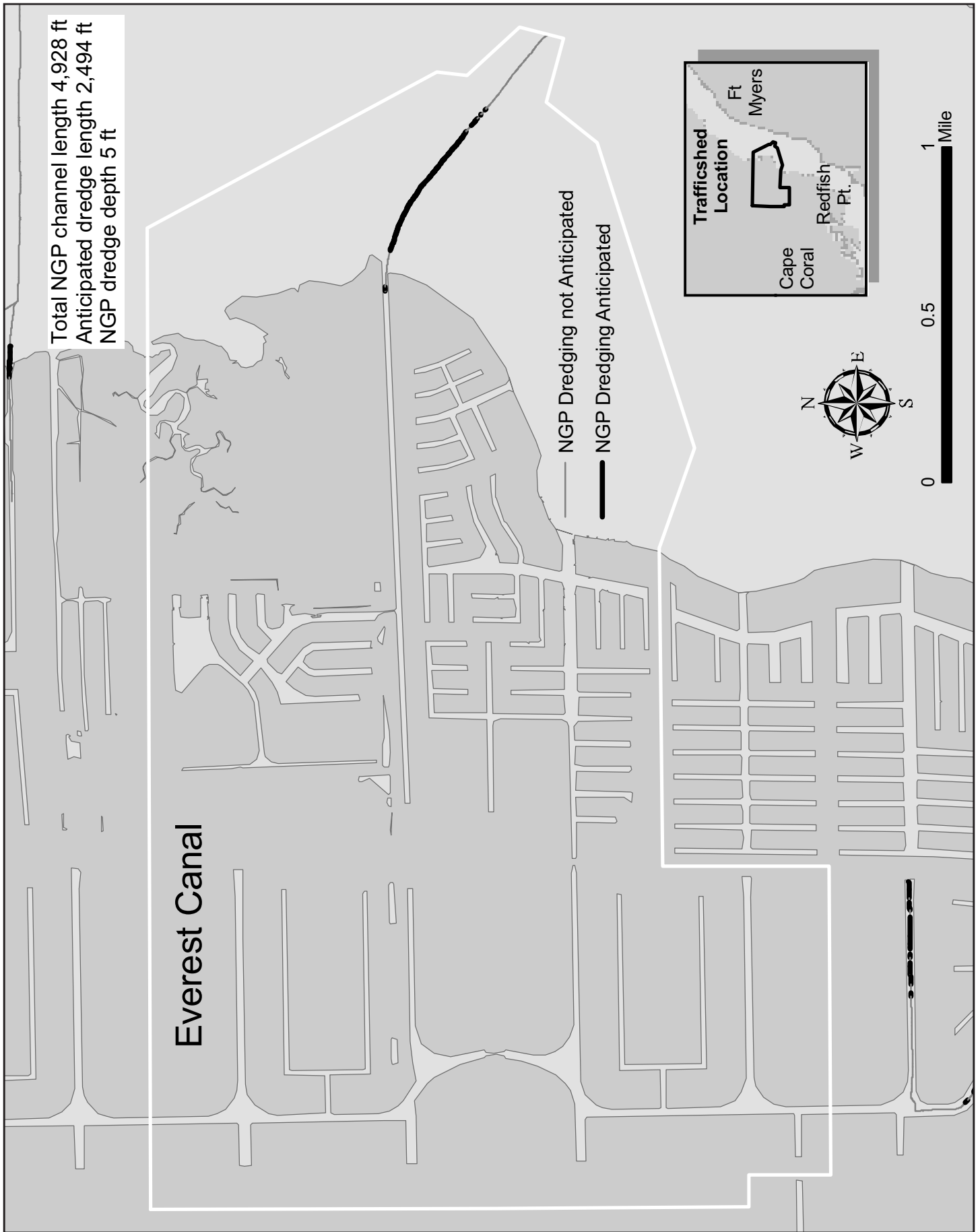


Figure 15. Fish Tale Marina

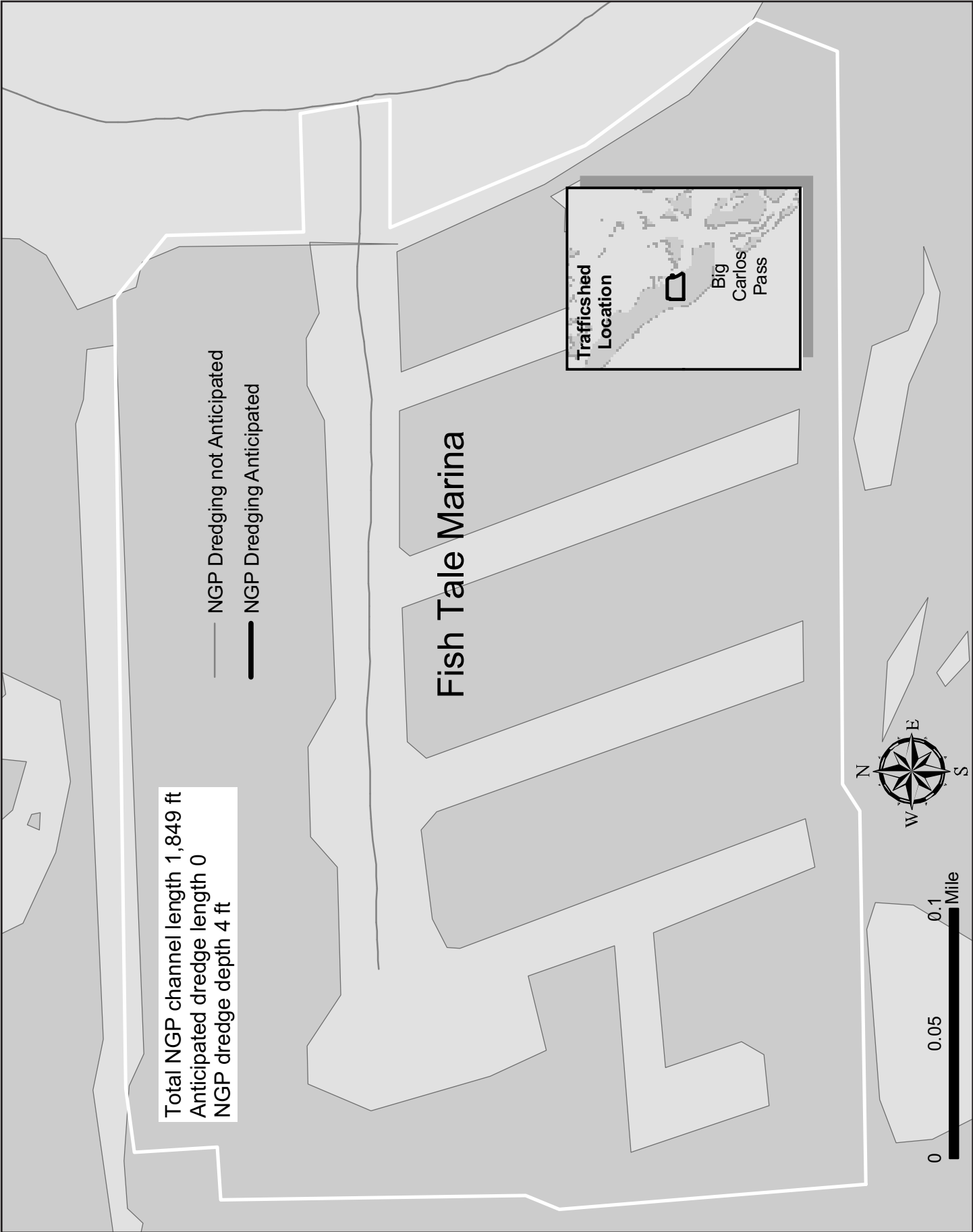


Figure 16. Fish Trap Bay 2

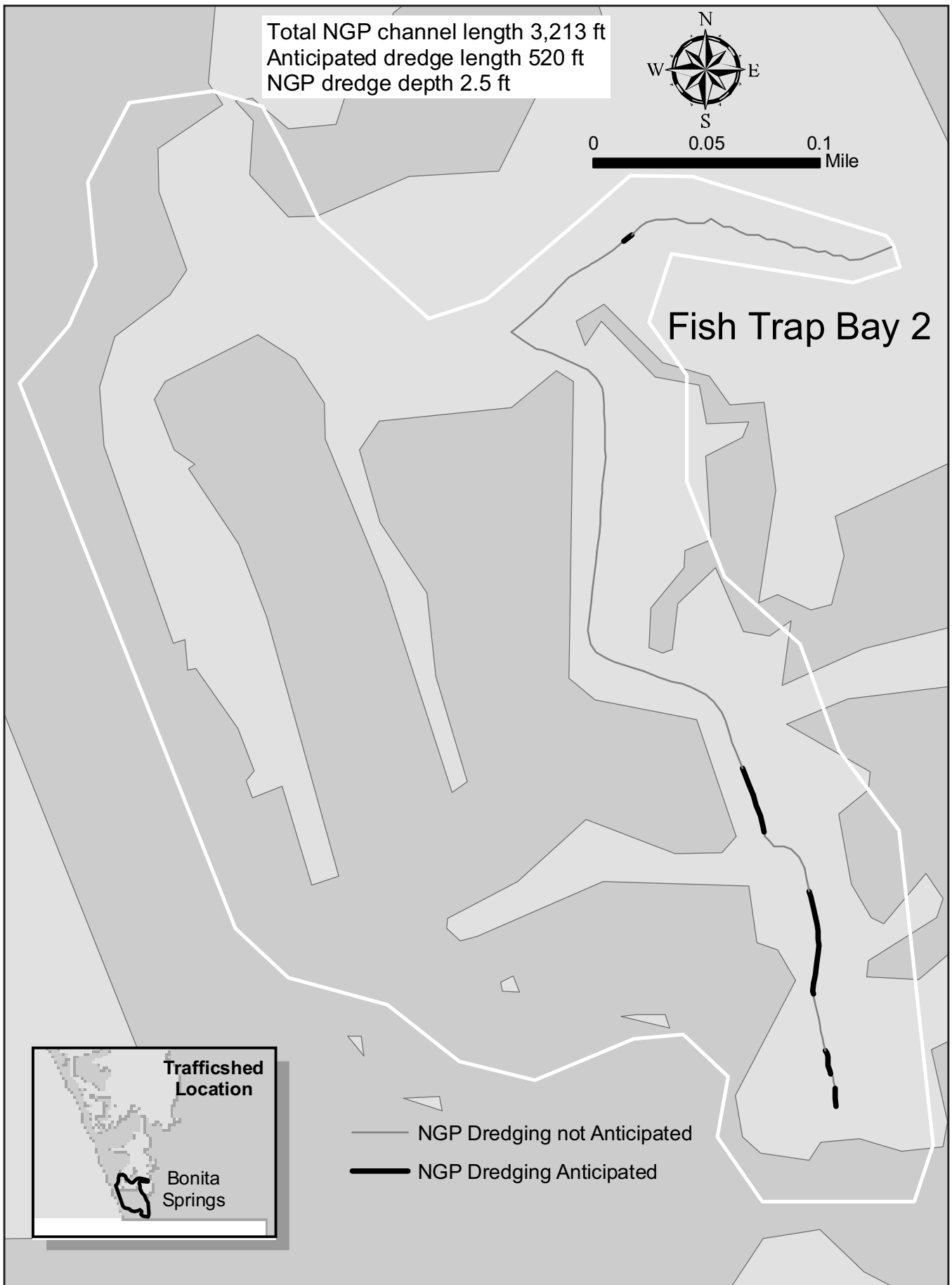


Figure 17. Fort Myers Yacht Basin

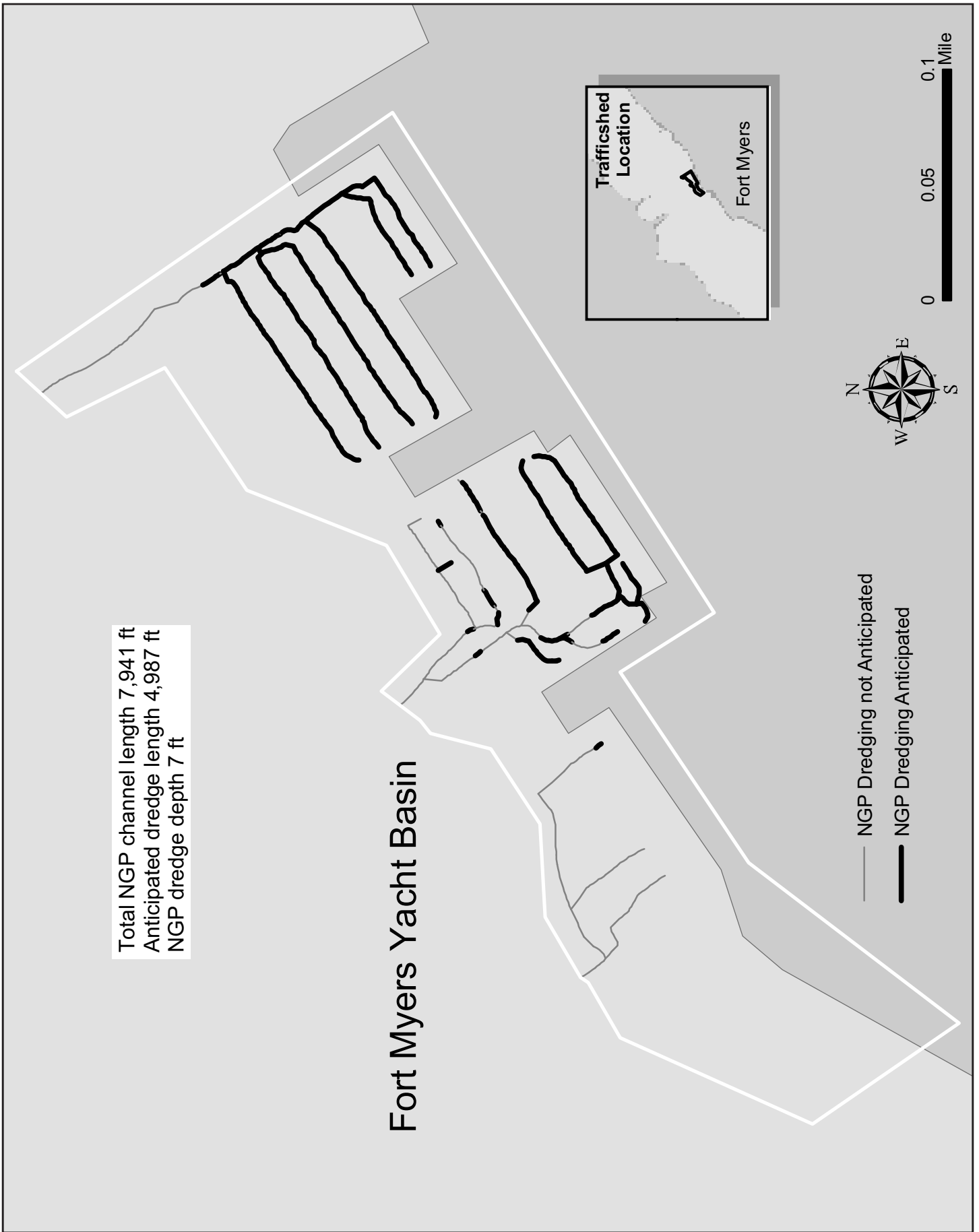


Figure 18. Franklin Locks East

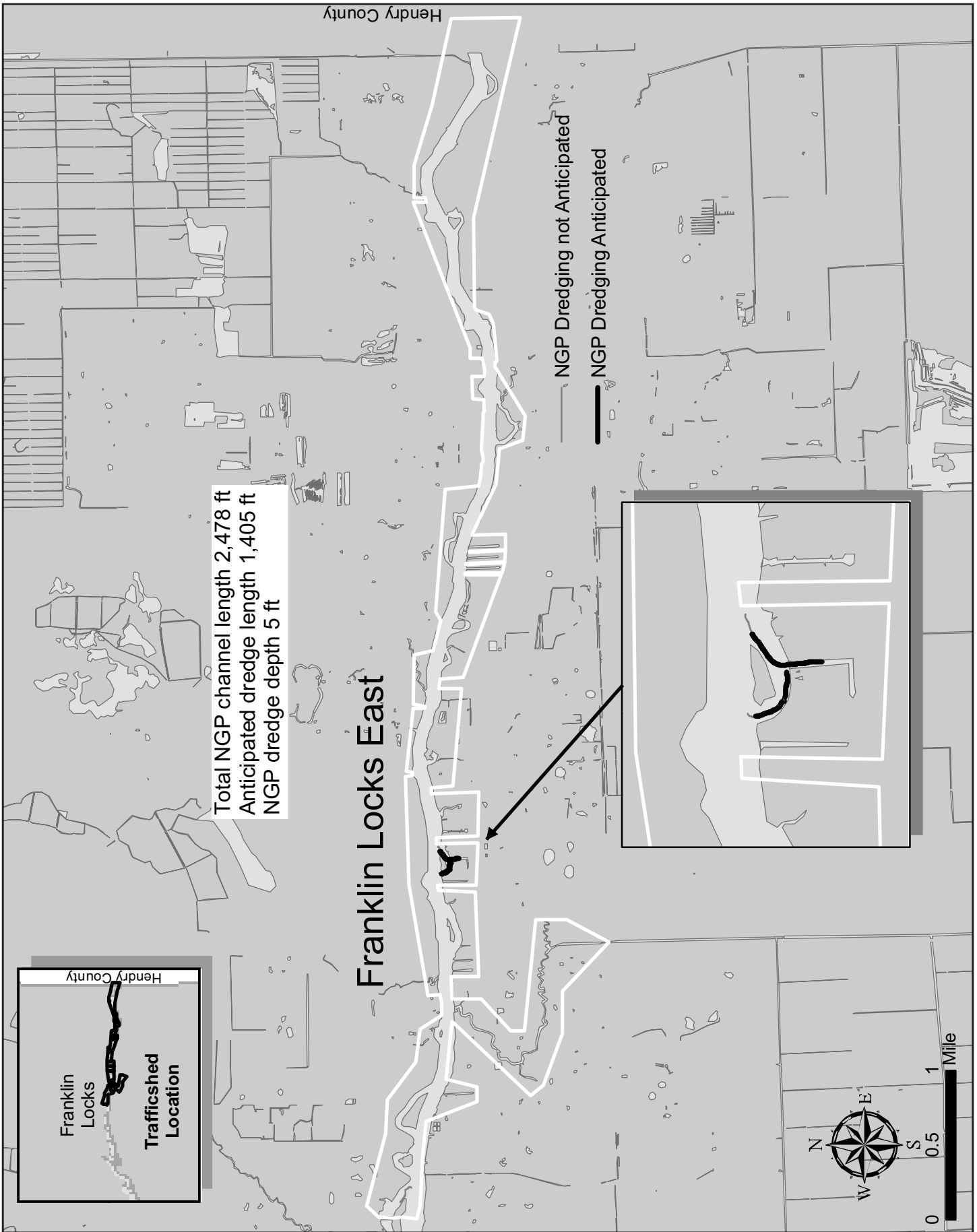


Figure 19. Getaway

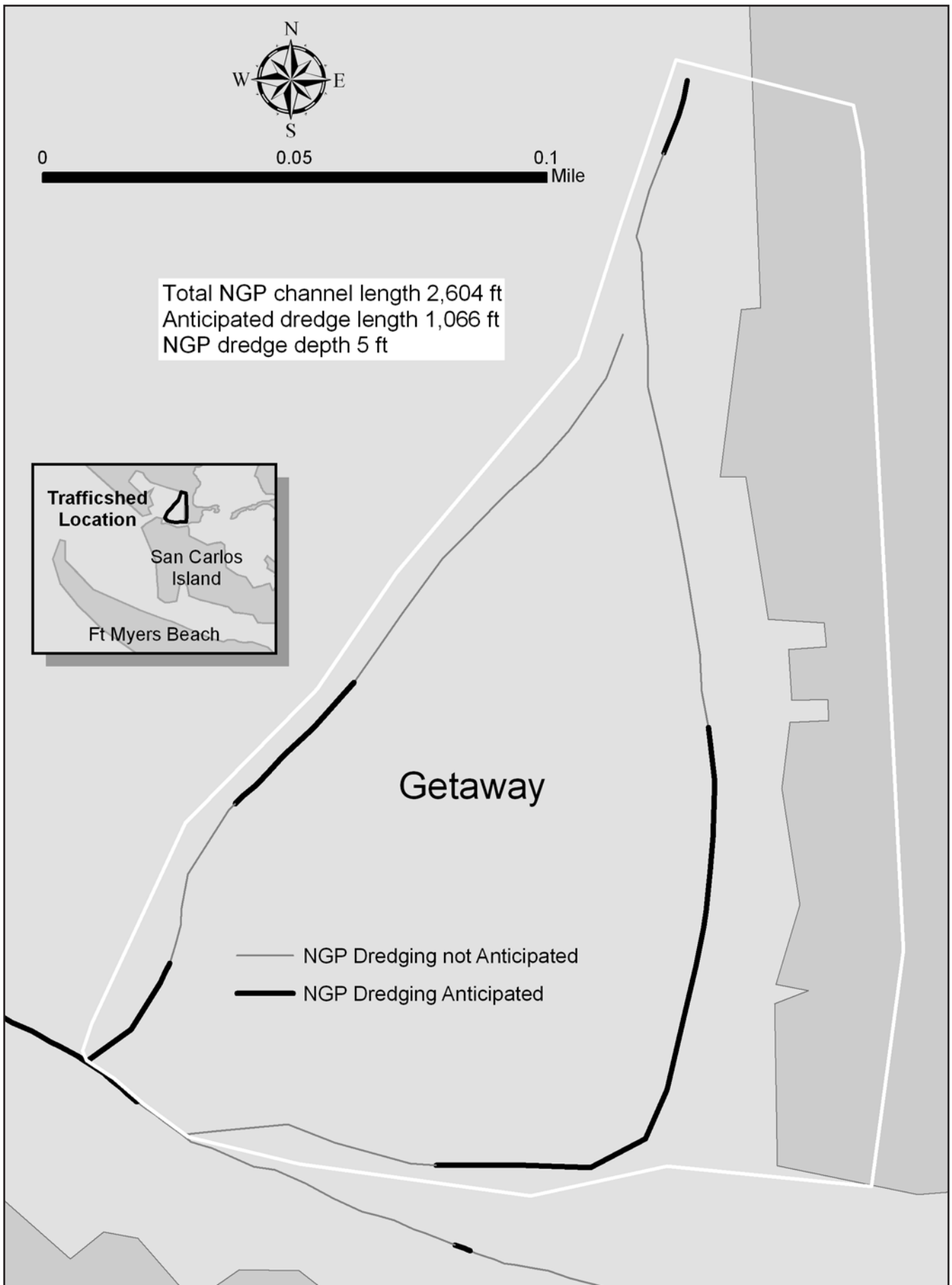


Figure 20. Hancock Creek

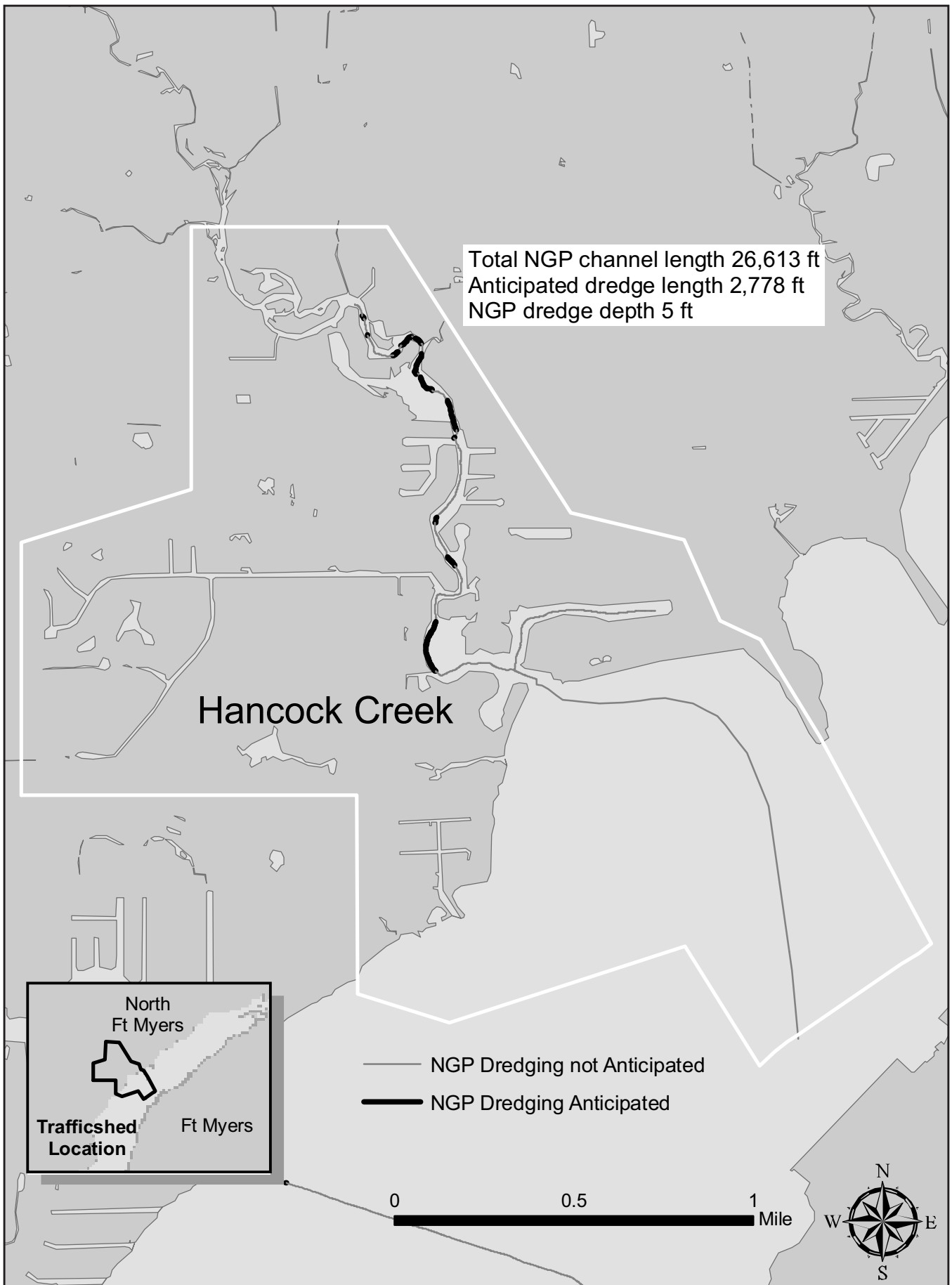


Figure 21. Hogue

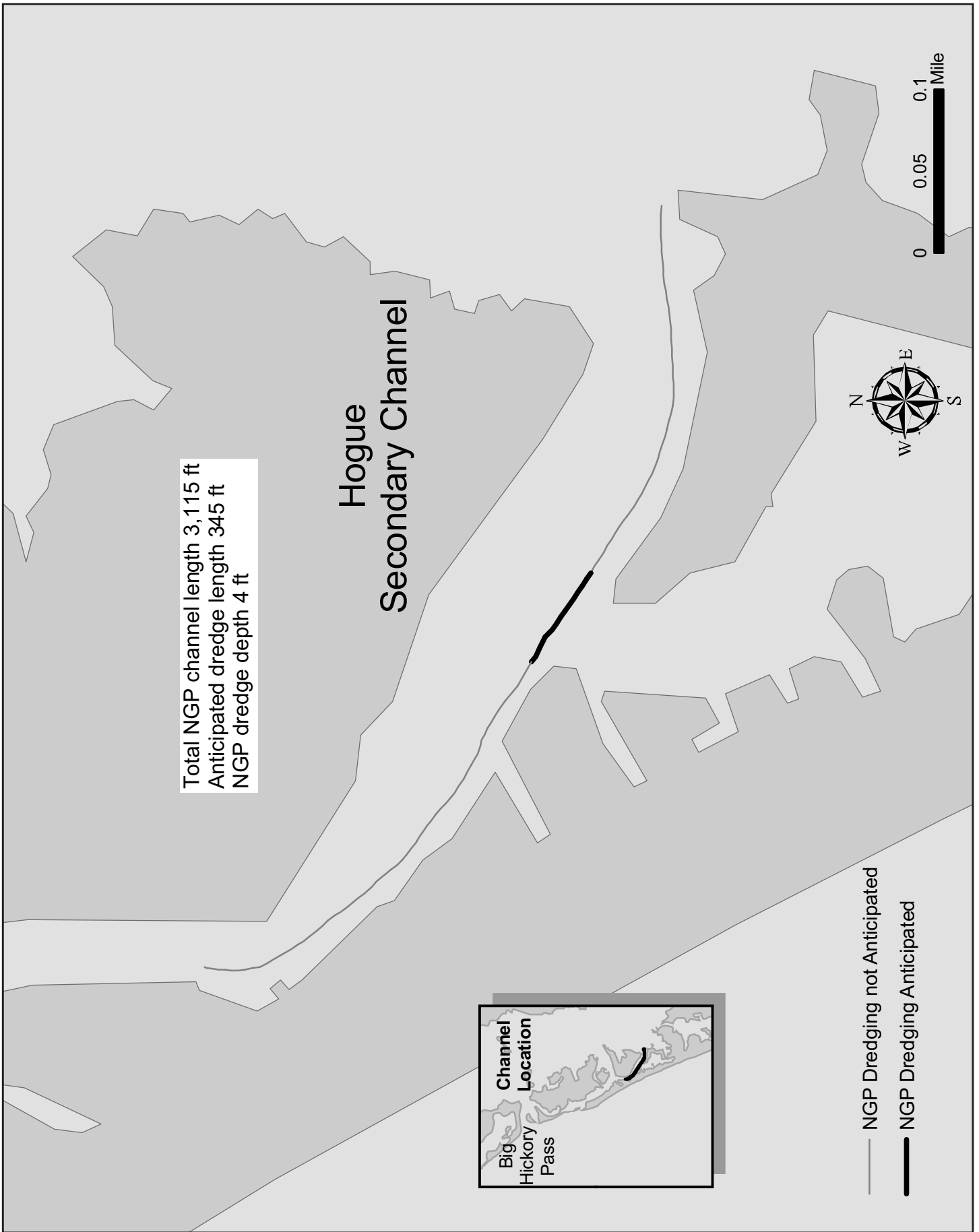


Figure 22. Hurricane Bay East

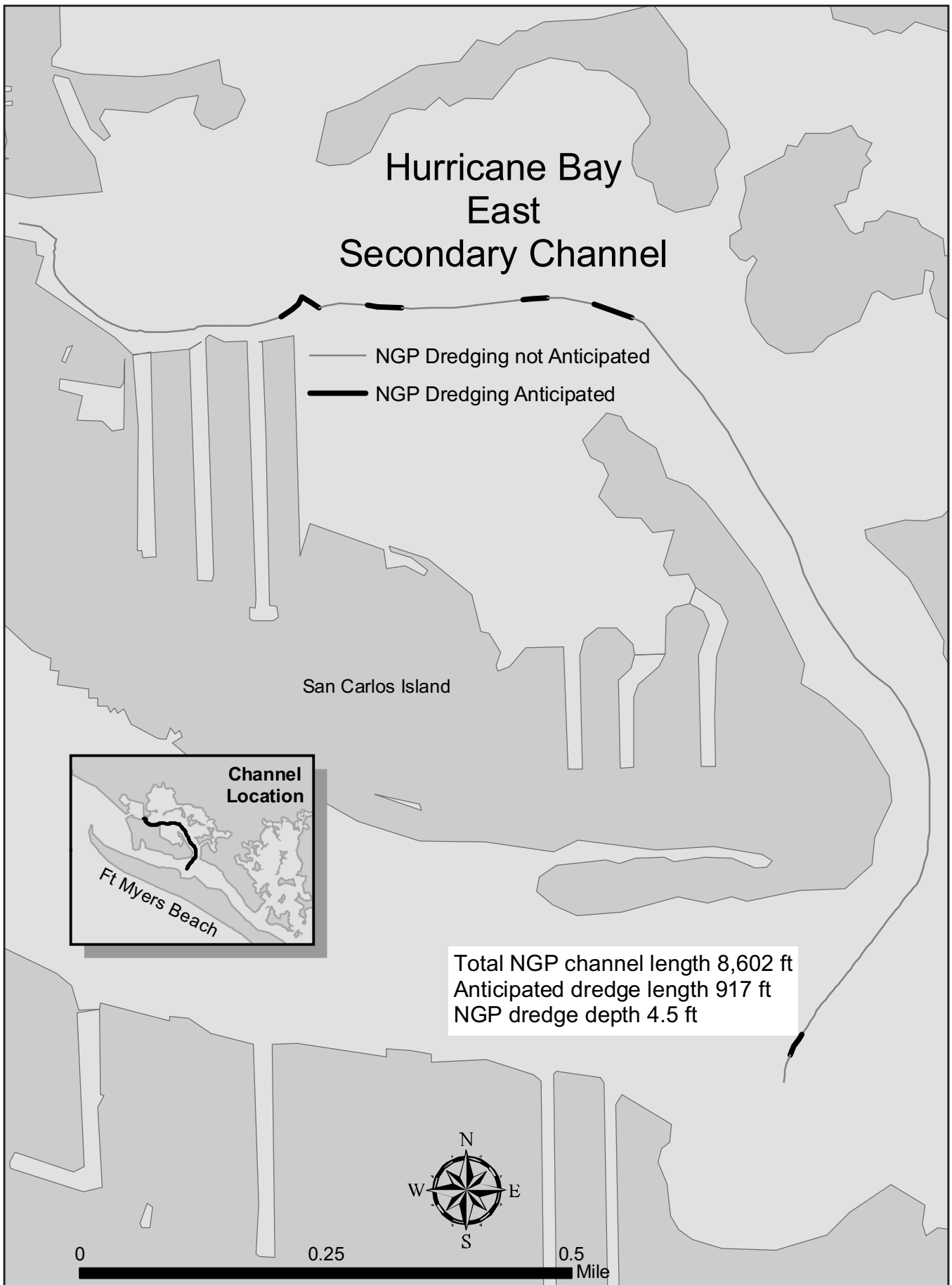


Figure 23. Hurricane Bay West

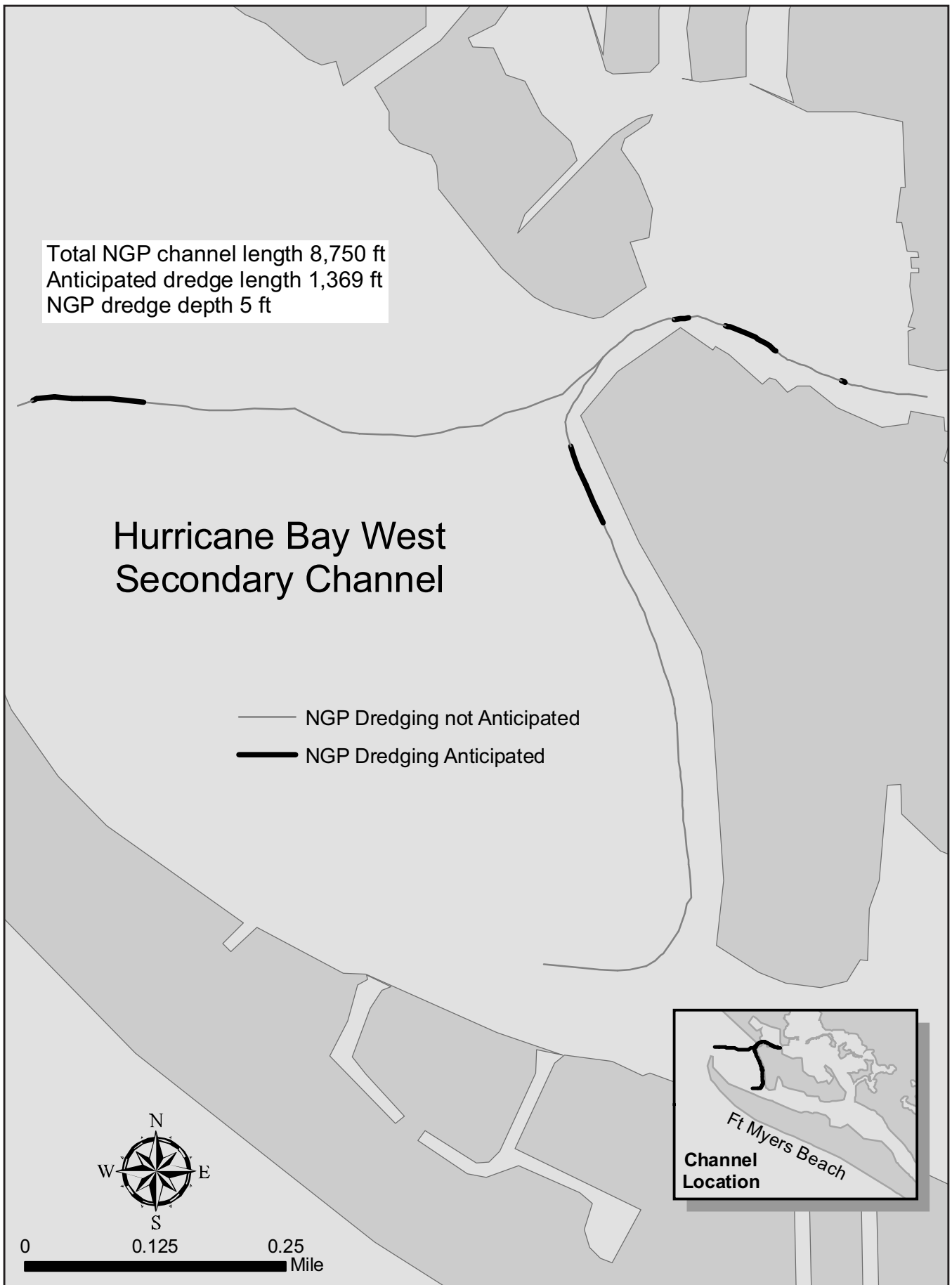


Figure 24. Imperial River-Lower

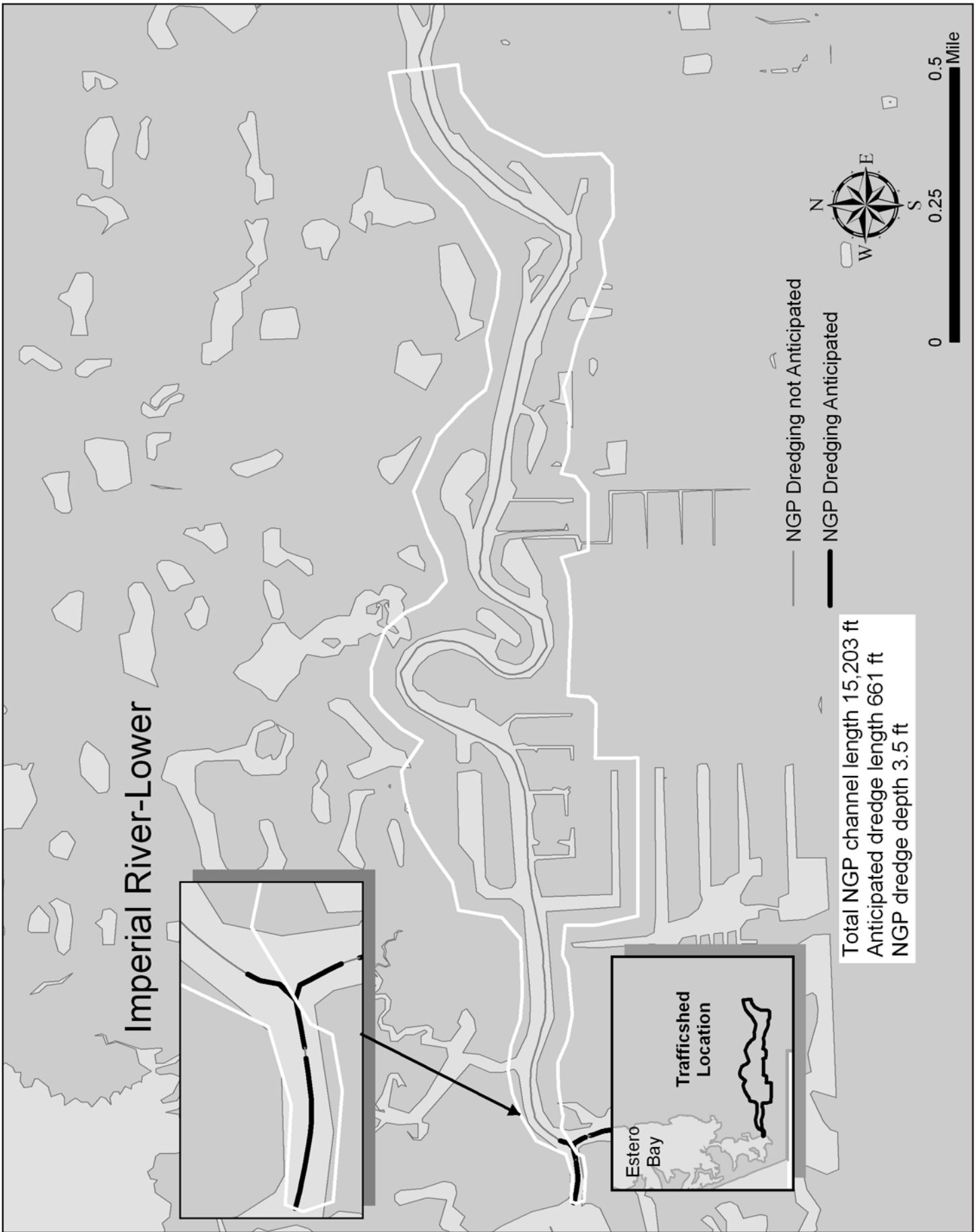


Figure 25. Imperial River-Upper

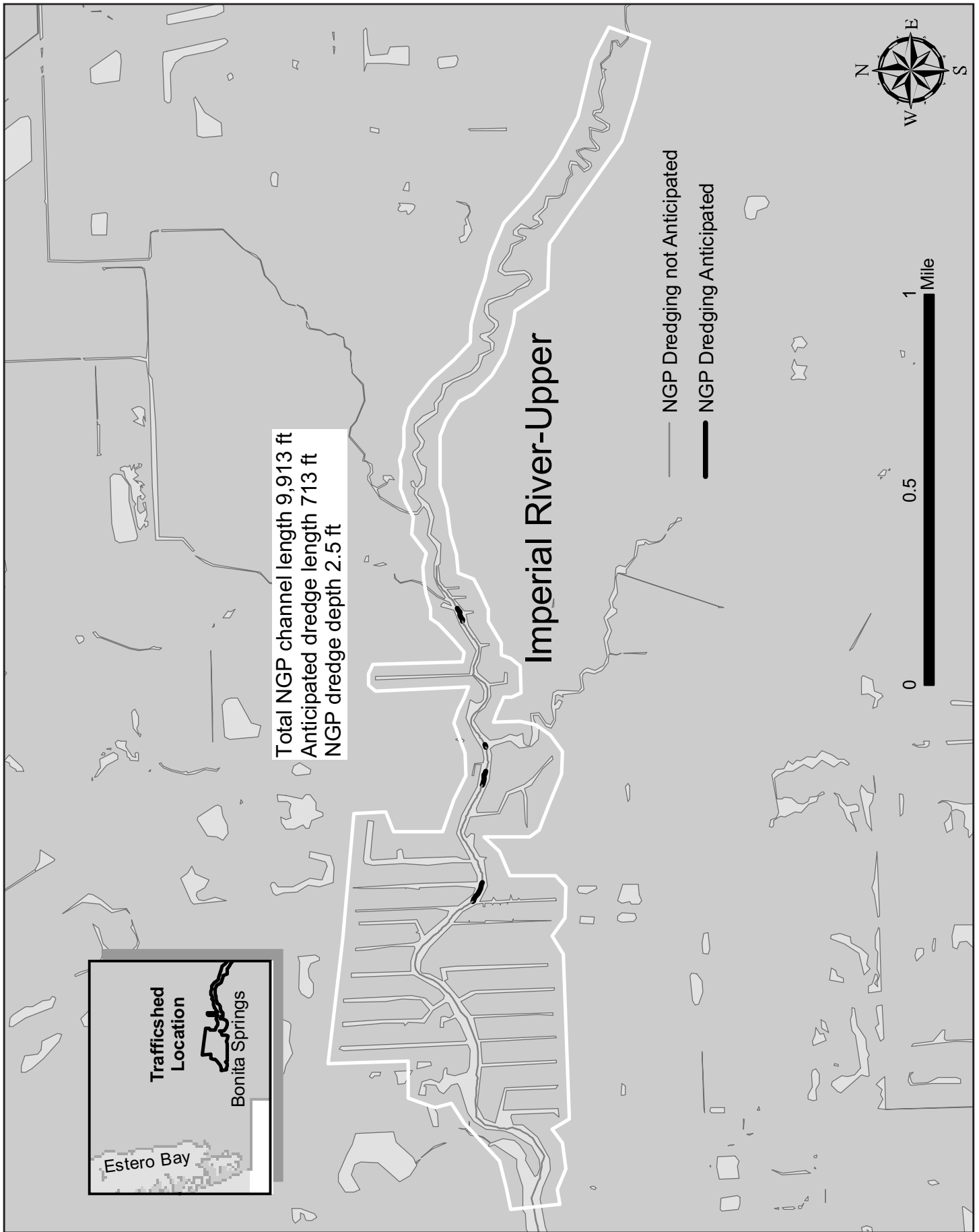


Figure 26. Imperial Shores

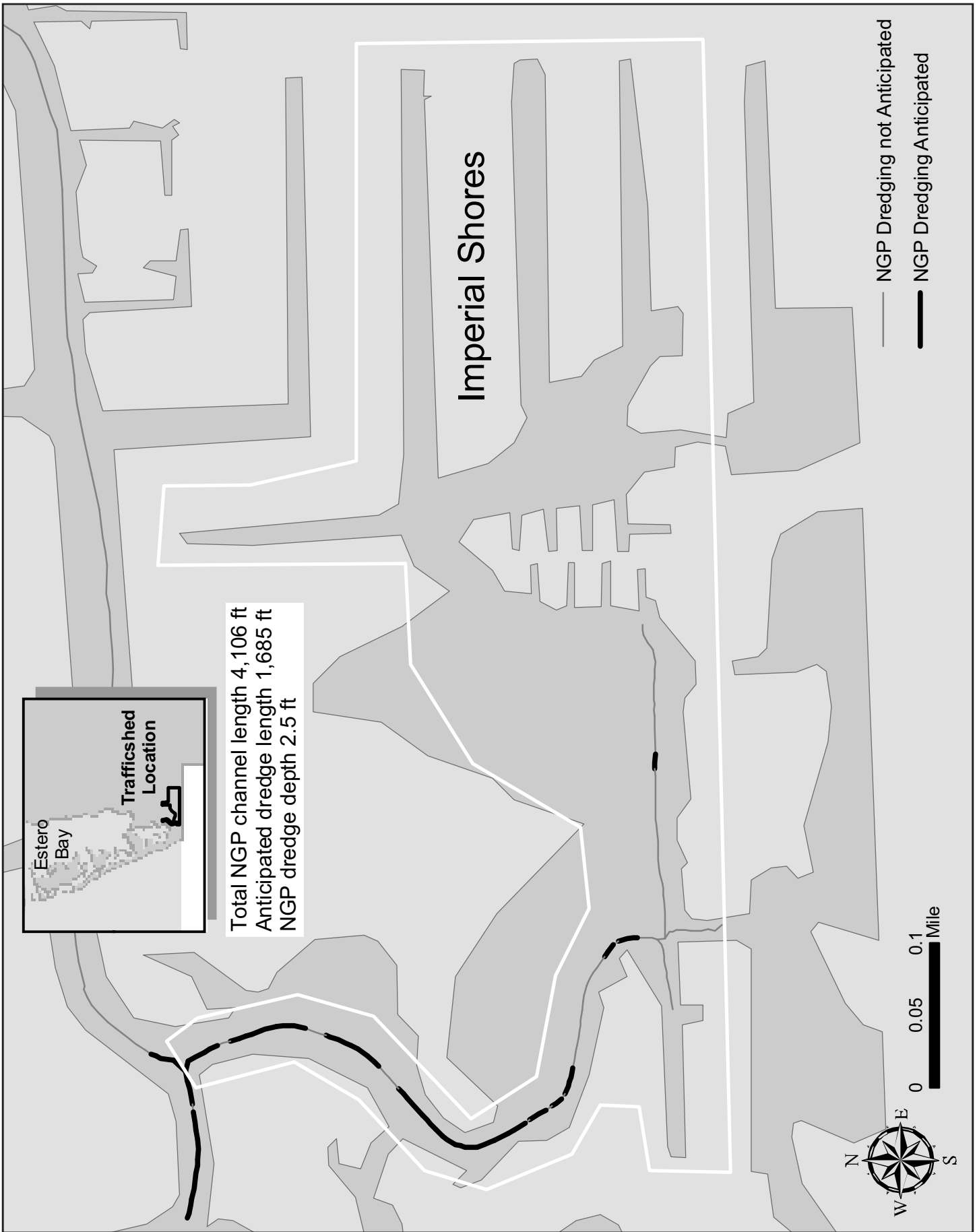


Figure 27. Marsh Point

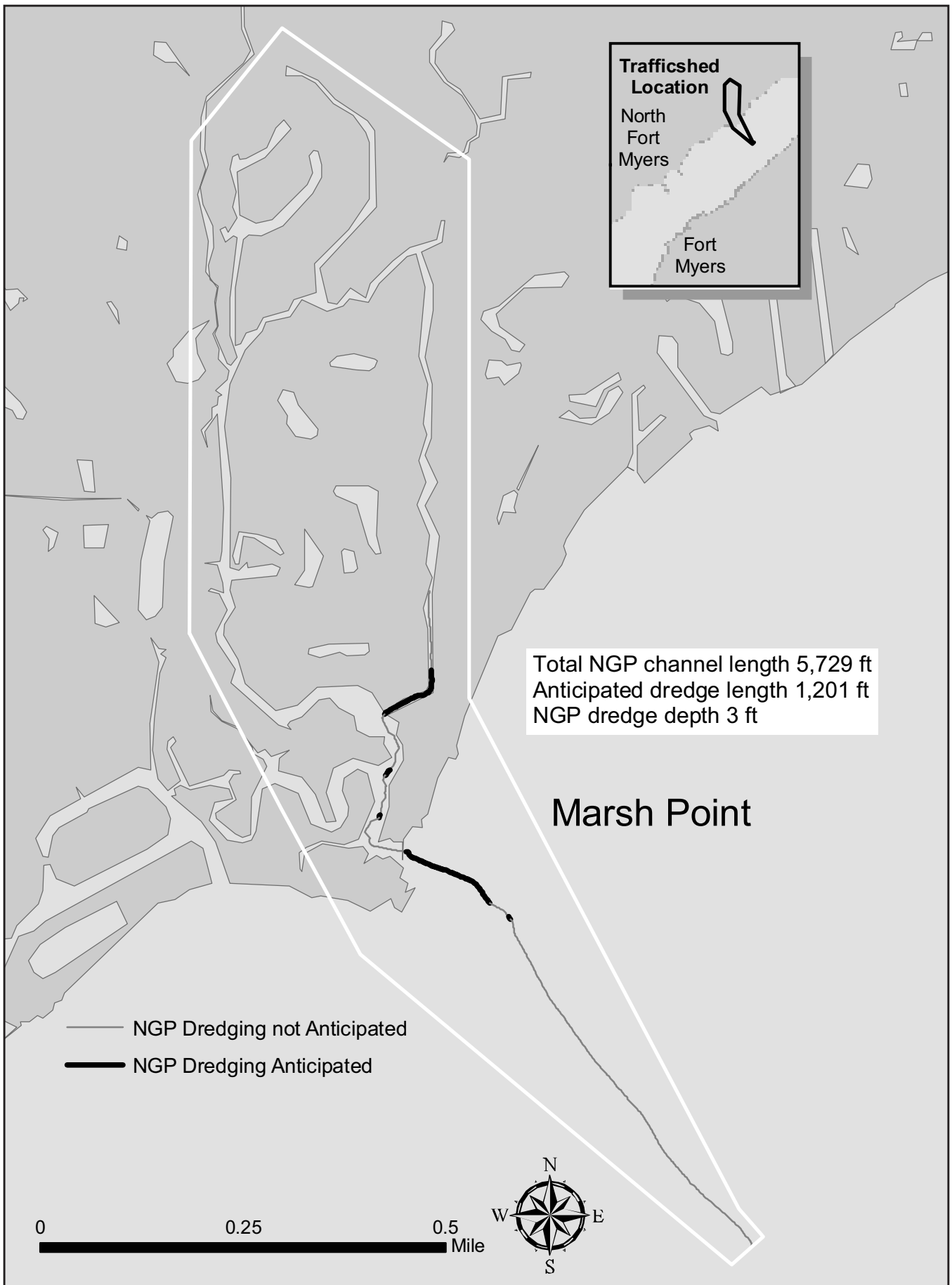


Figure 28. Matanzas Harbor

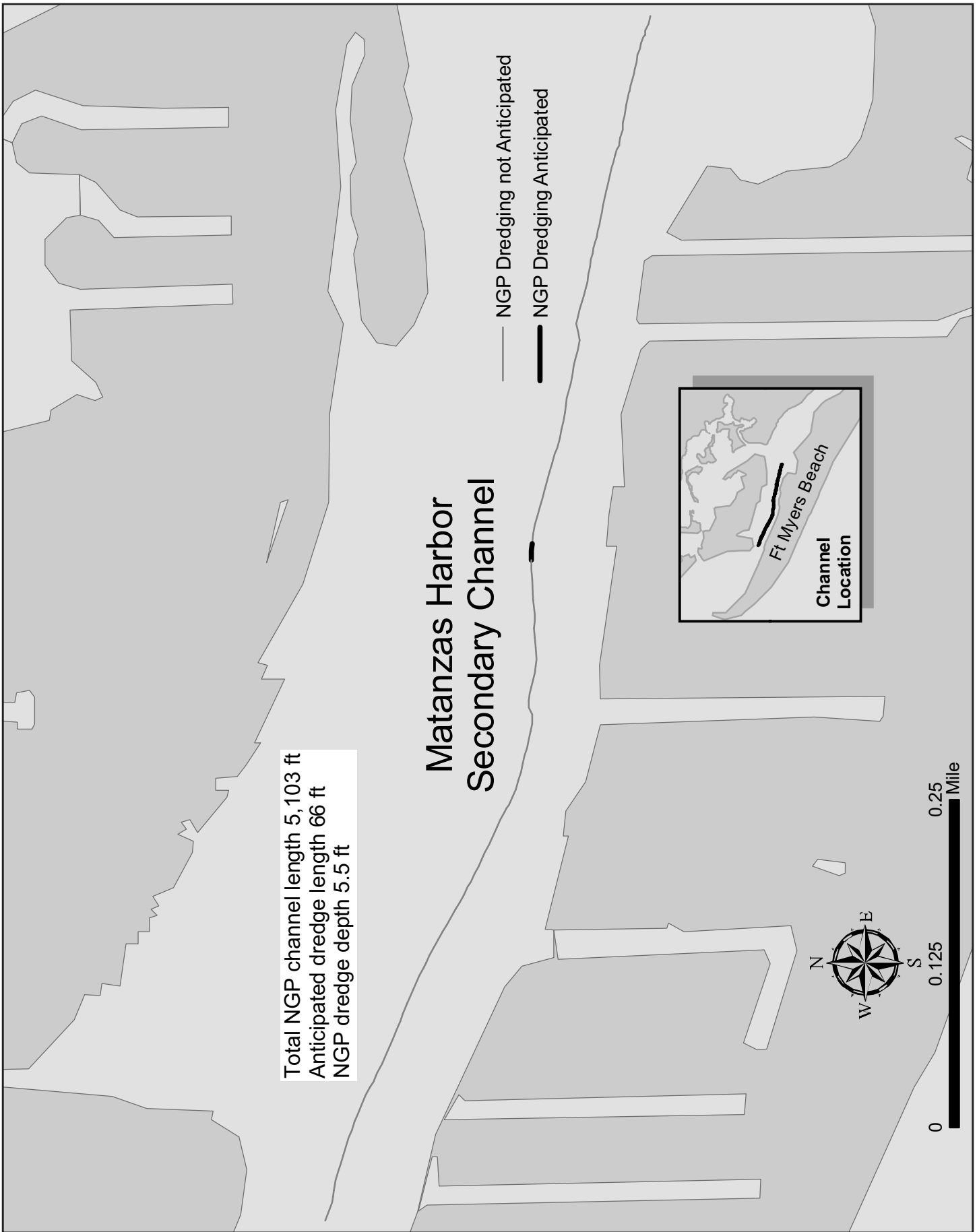


Figure 29. Matlacha-Northwest

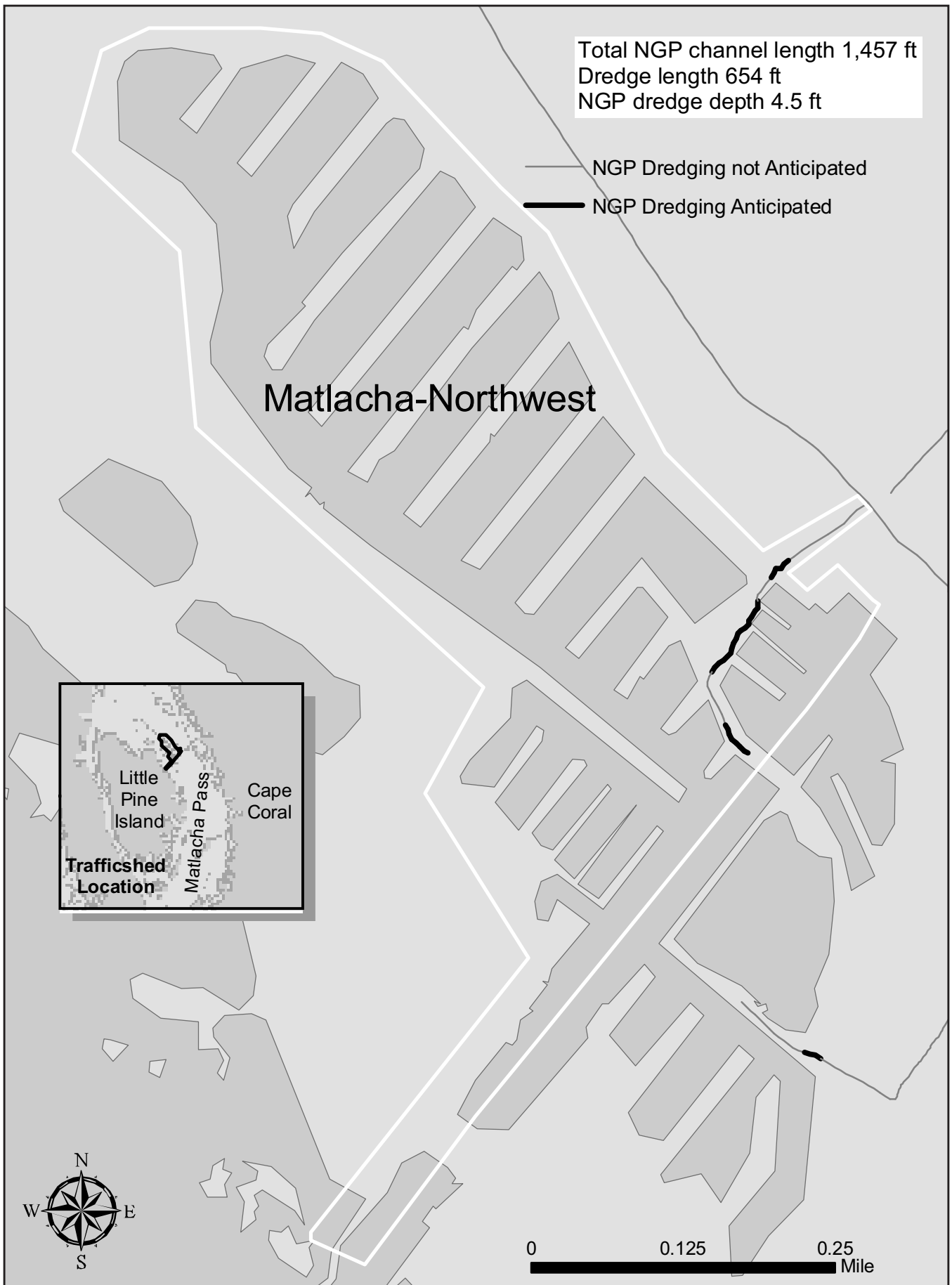


Figure 30. Matlacha-Southwest 2

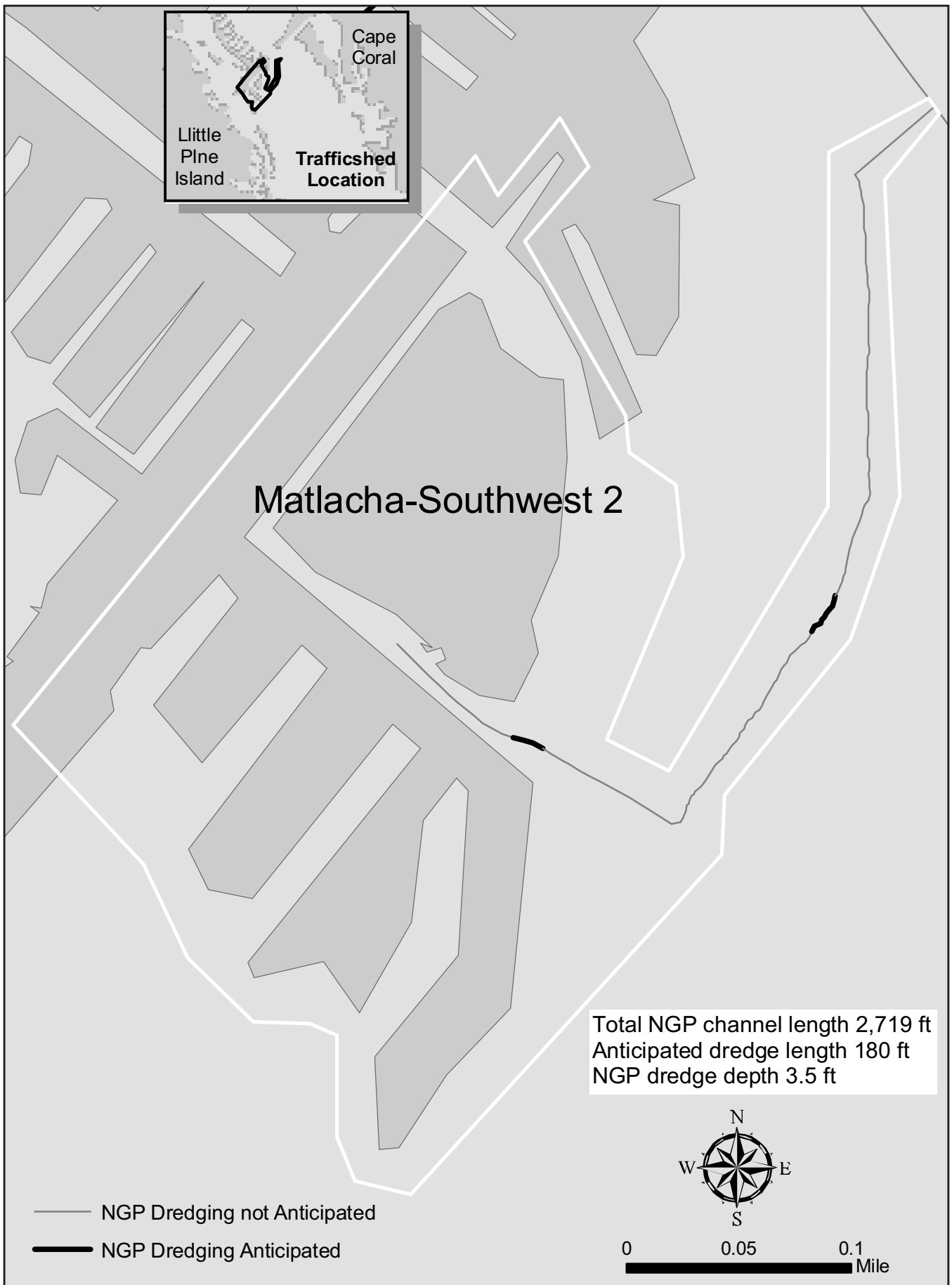
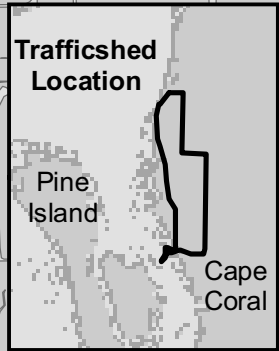


Figure 31. Matlacha Isles/Cape Coral-Northwest

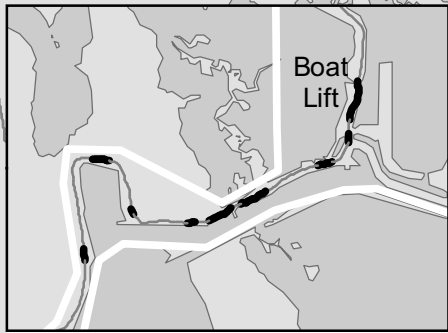
Total NGP channel length 14,057ft
Anticipated dredge length 1,729 ft
NGP dredge depth 4 ft

Matlacha Isles/ Cape Coral-Northwest

- NGP Dredging not Anticipated
- NGP Dredging Anticipated



Matlacha Pass



0 0.5 1 Mile

Figure 32. Mullock Creek

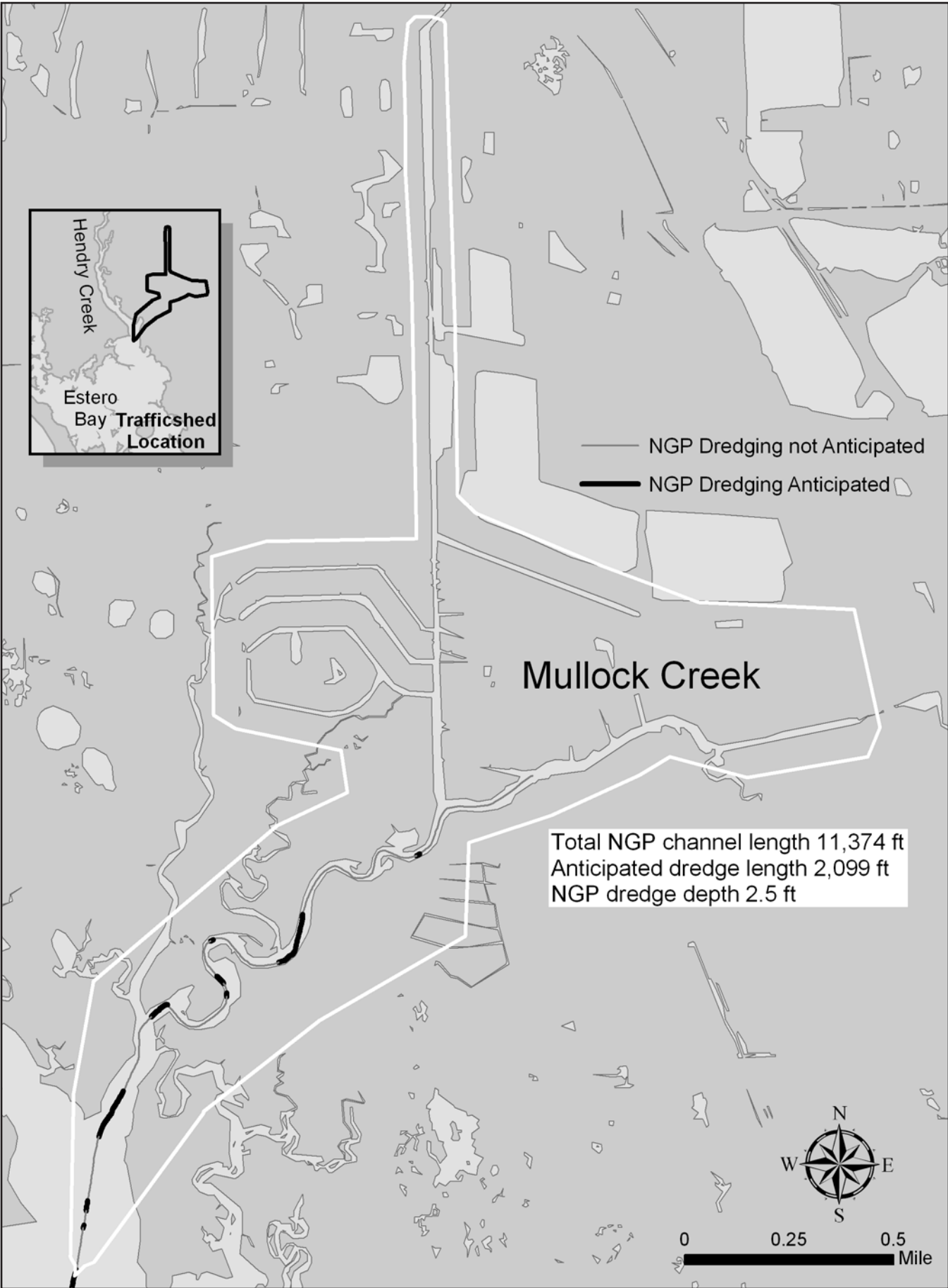


Figure 33. Normandy Canal

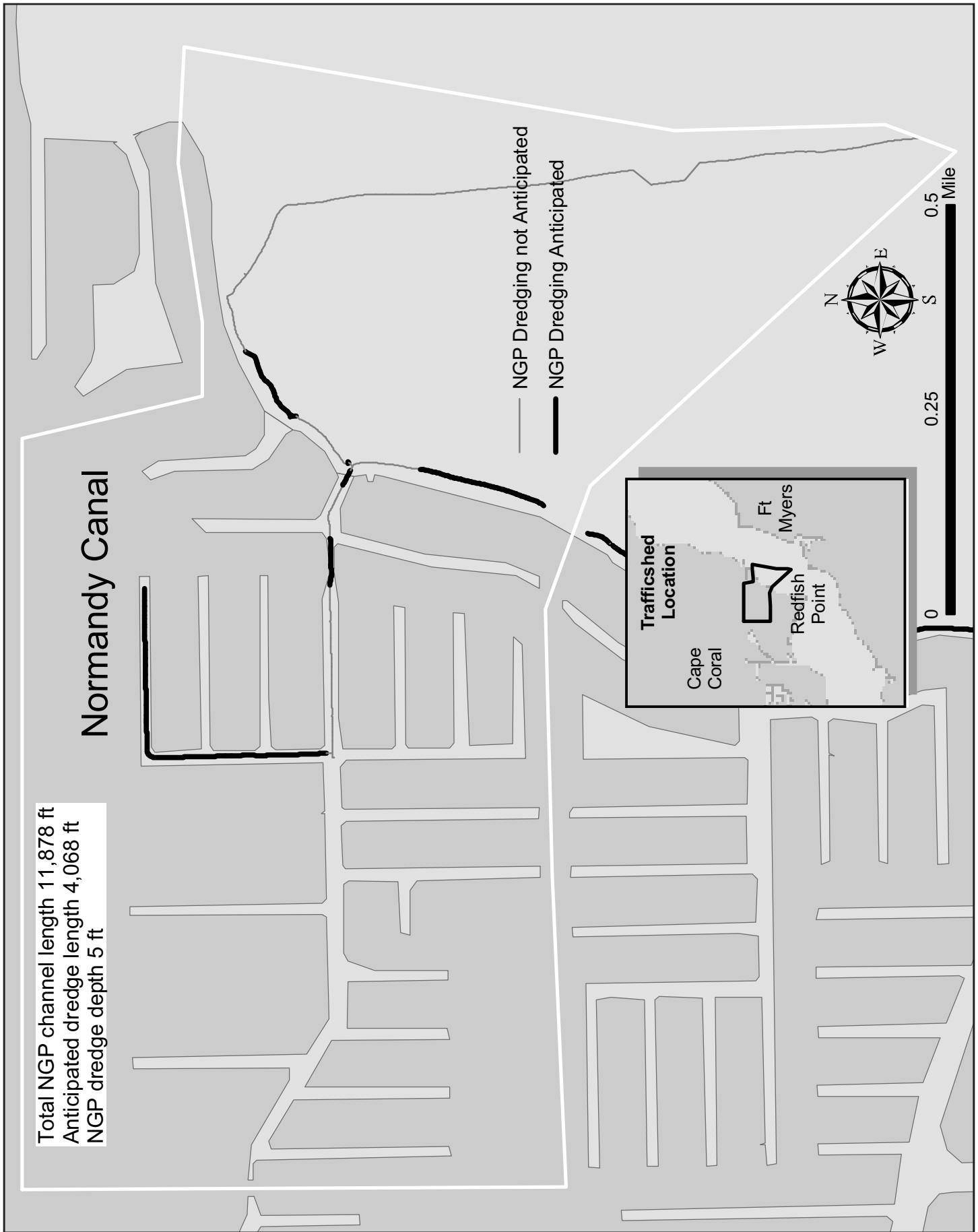


Figure 34. North Matlacha

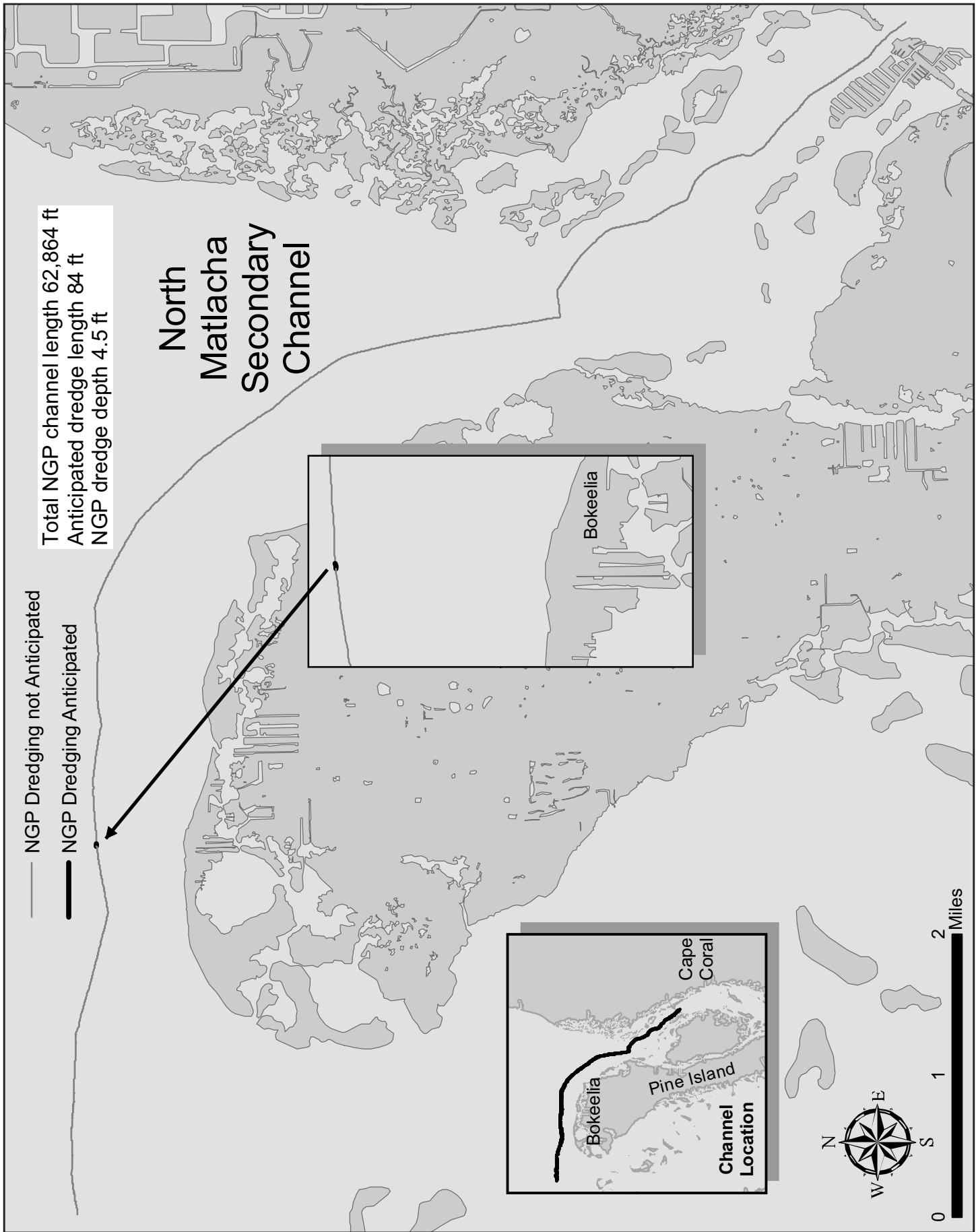


Figure 35. Orange River

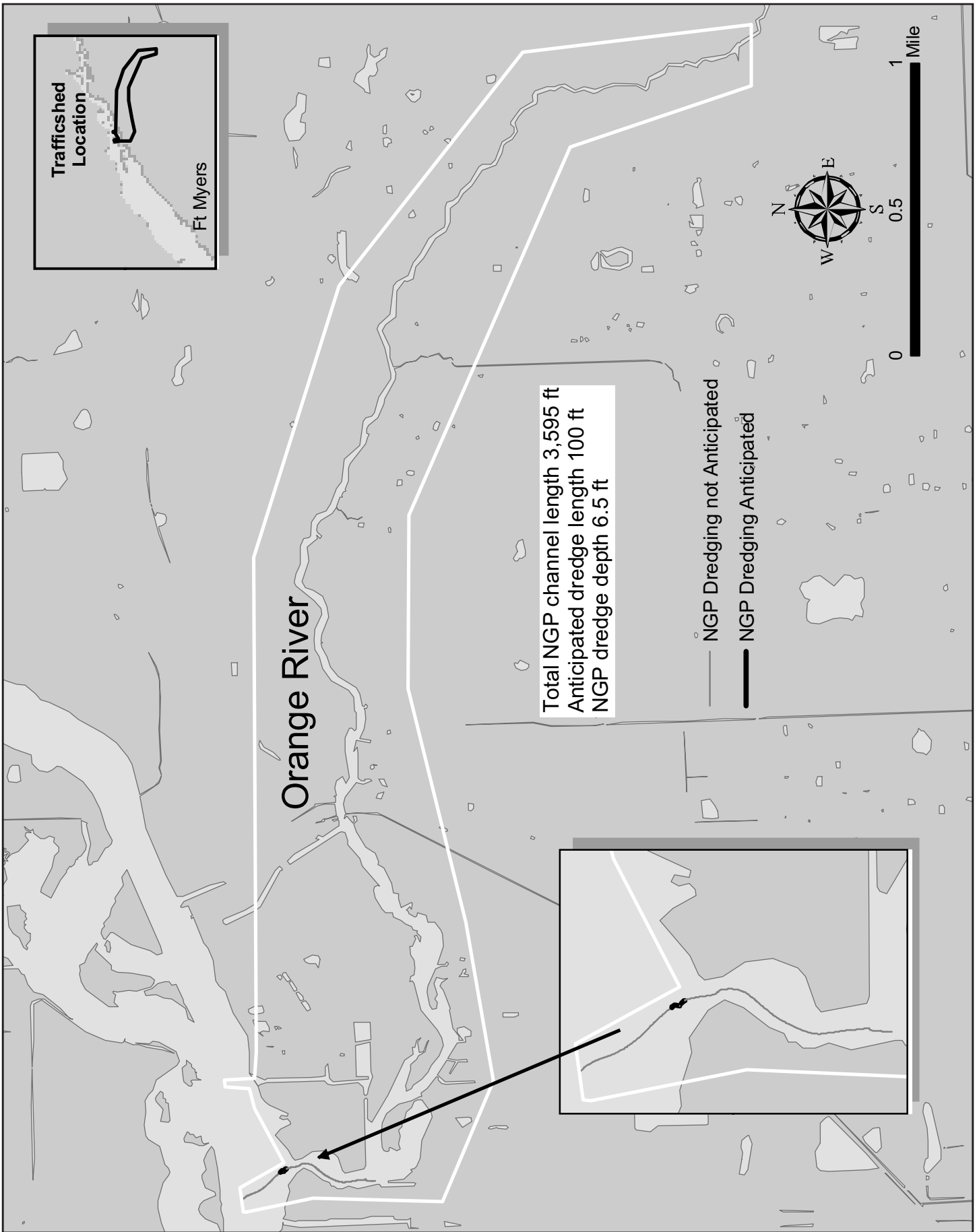


Figure 36. Pelican Landing

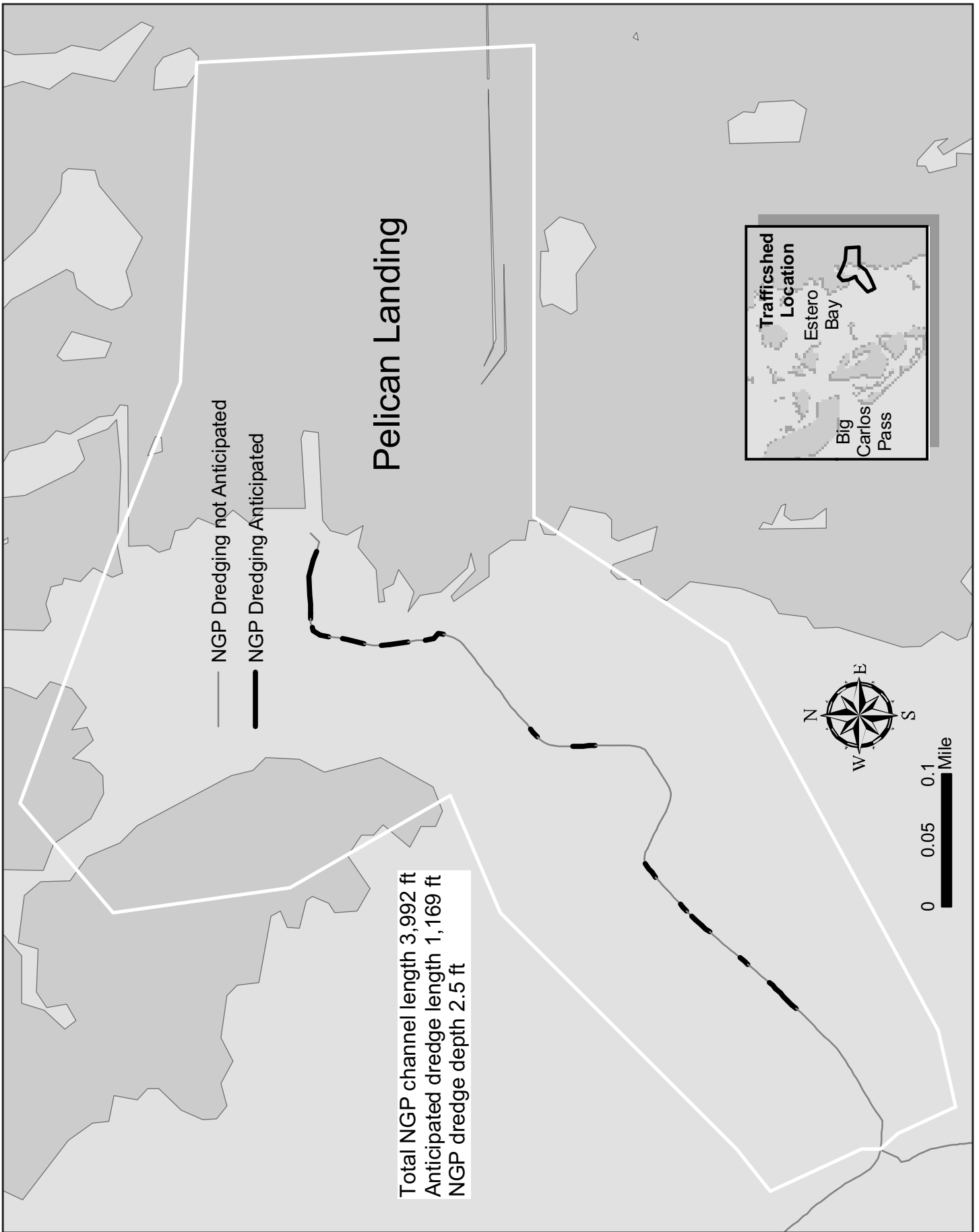


Figure 37. Plato Canal

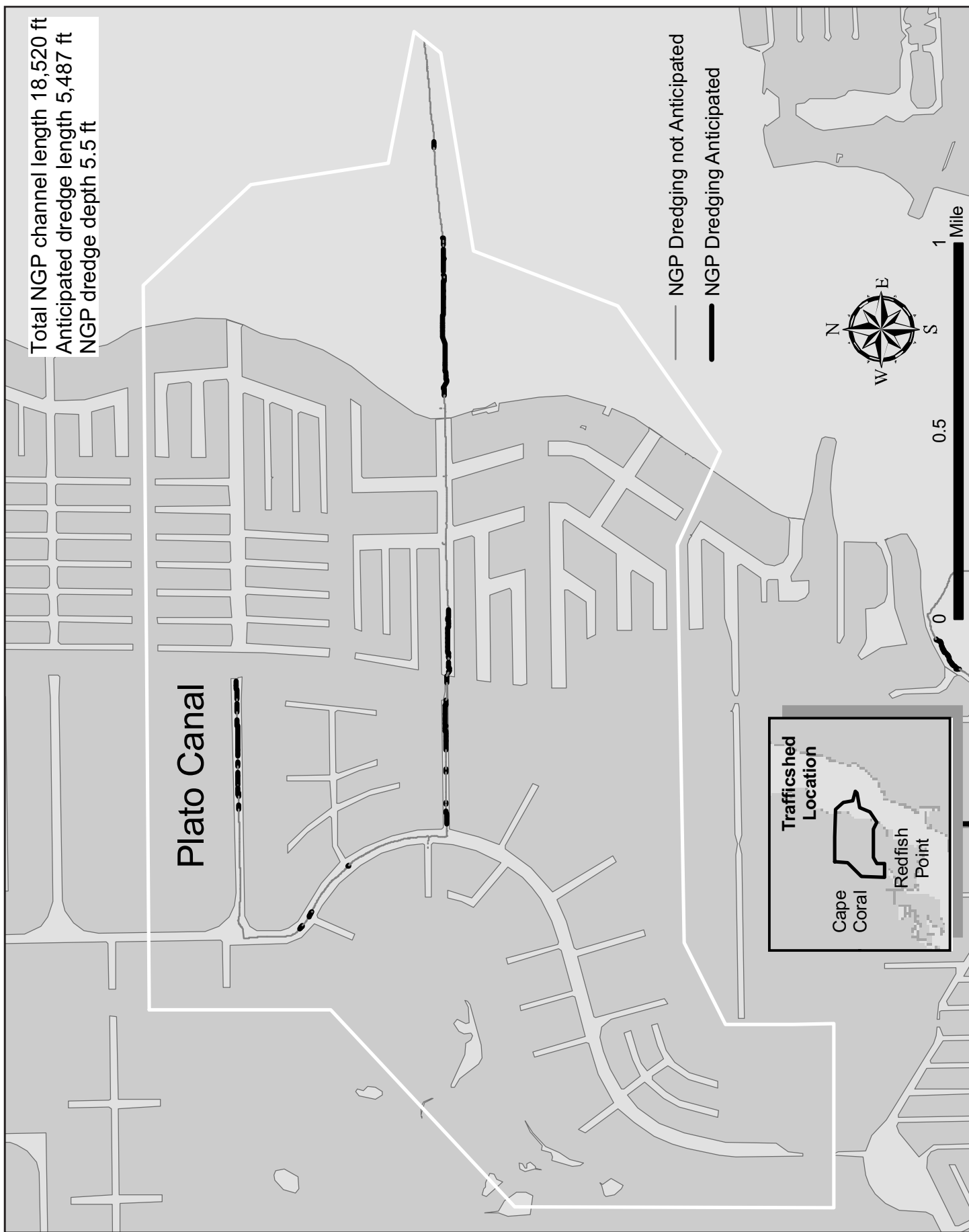


Figure 38. Punta Rassa/Connie Mack Island

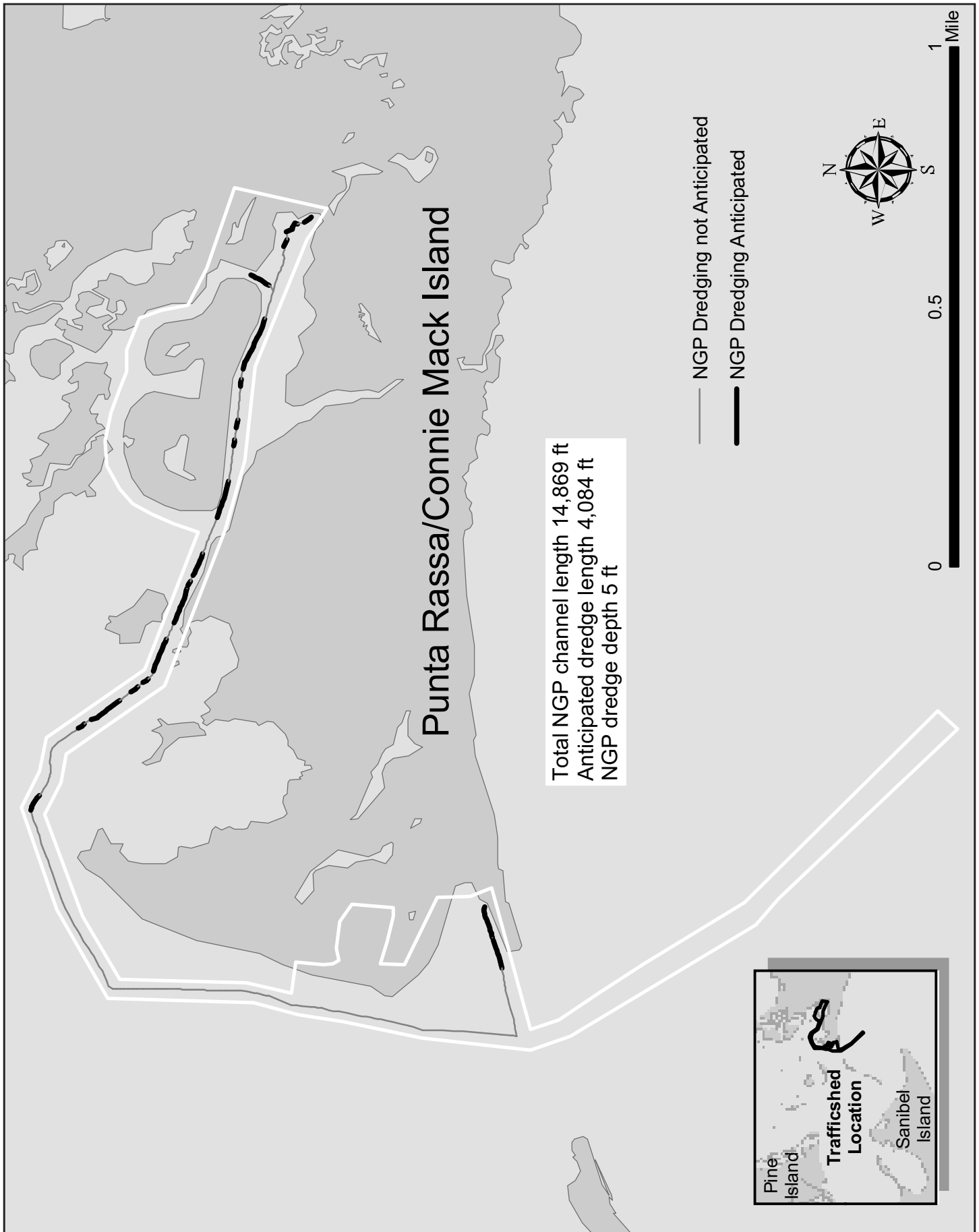


Figure 39. Redfish Point

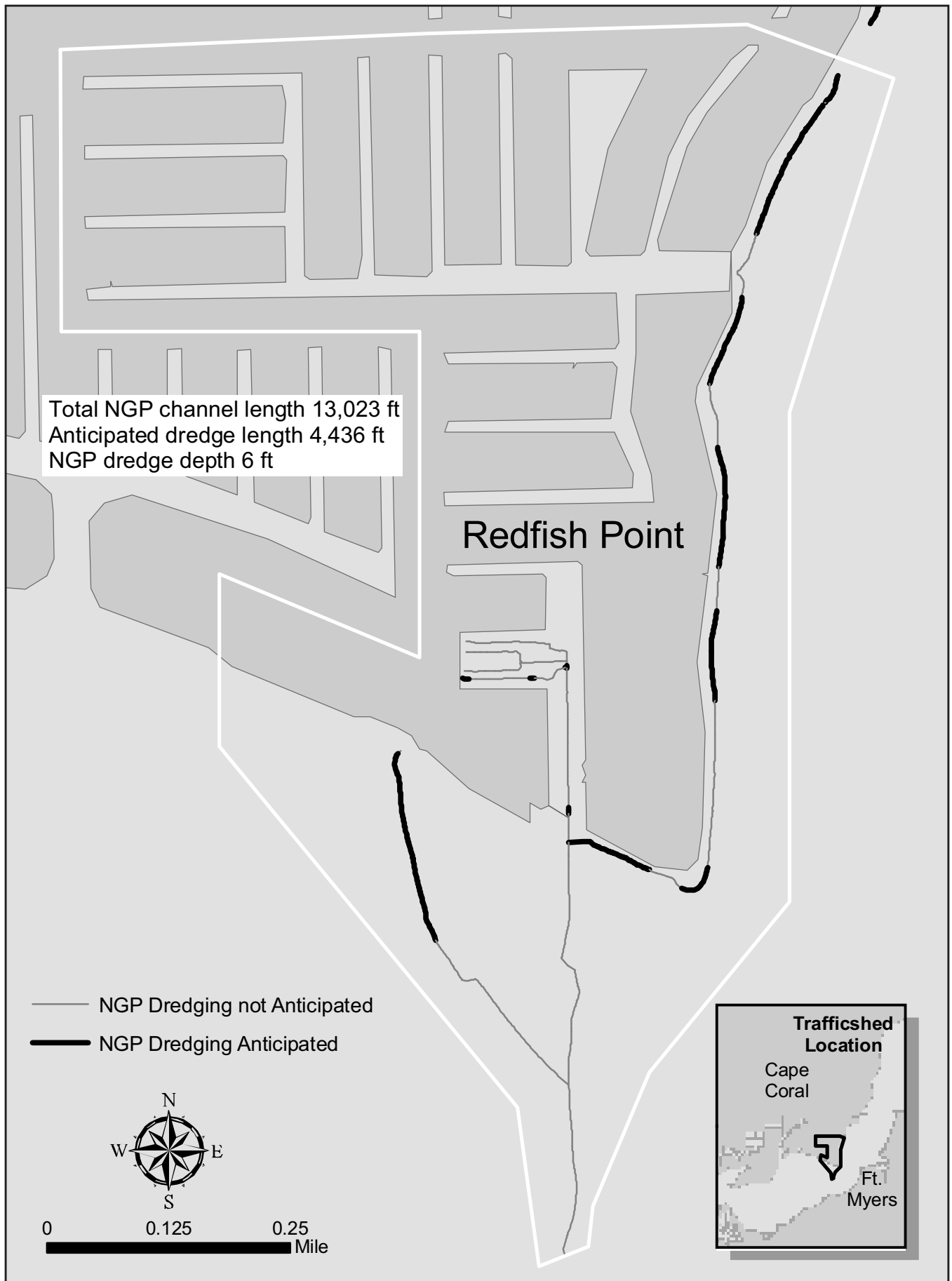


Figure 40. Rookery Trace

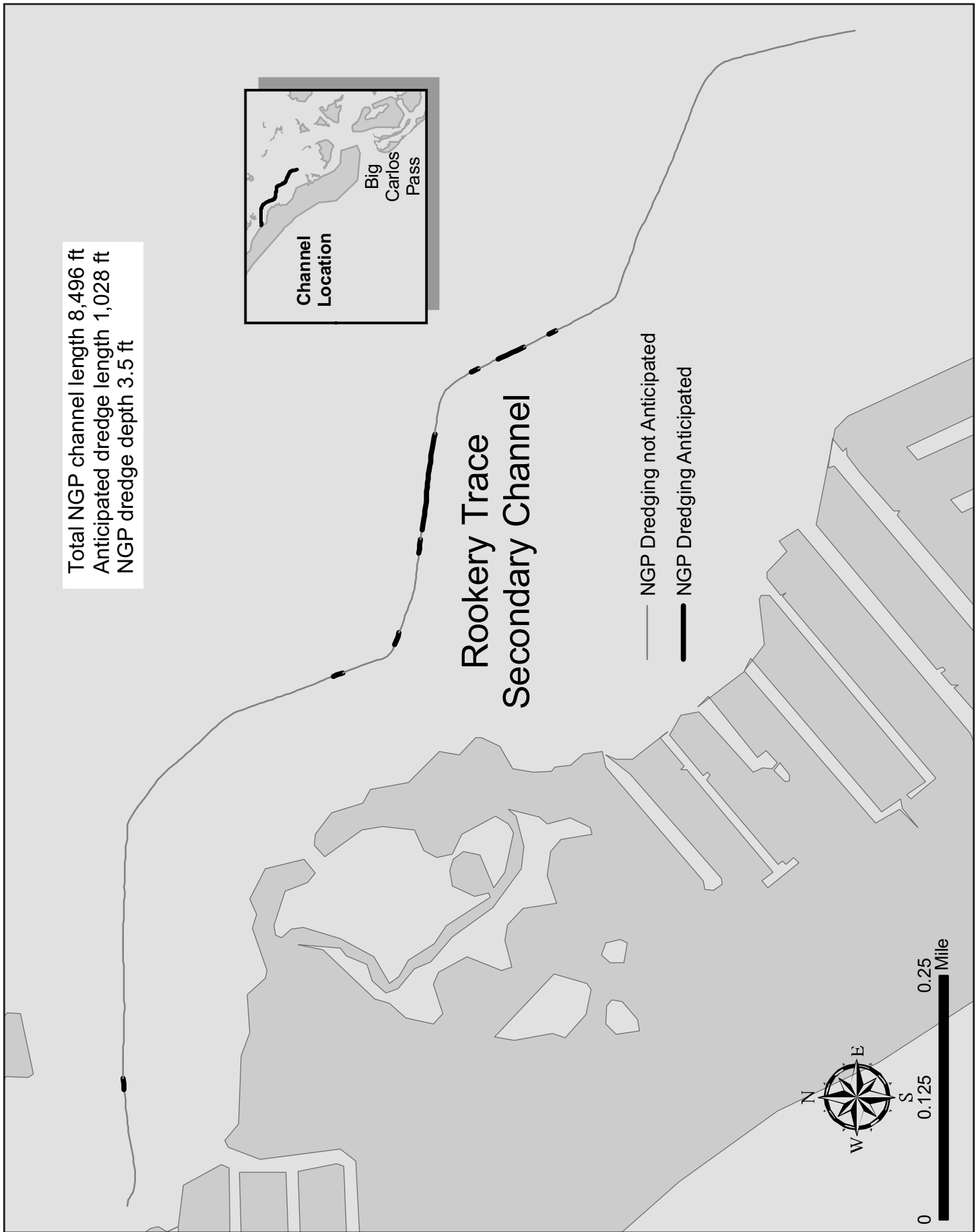


Figure 41. Roosevelt Channel-Bayside



Figure 42. Roosevelt Channel-North

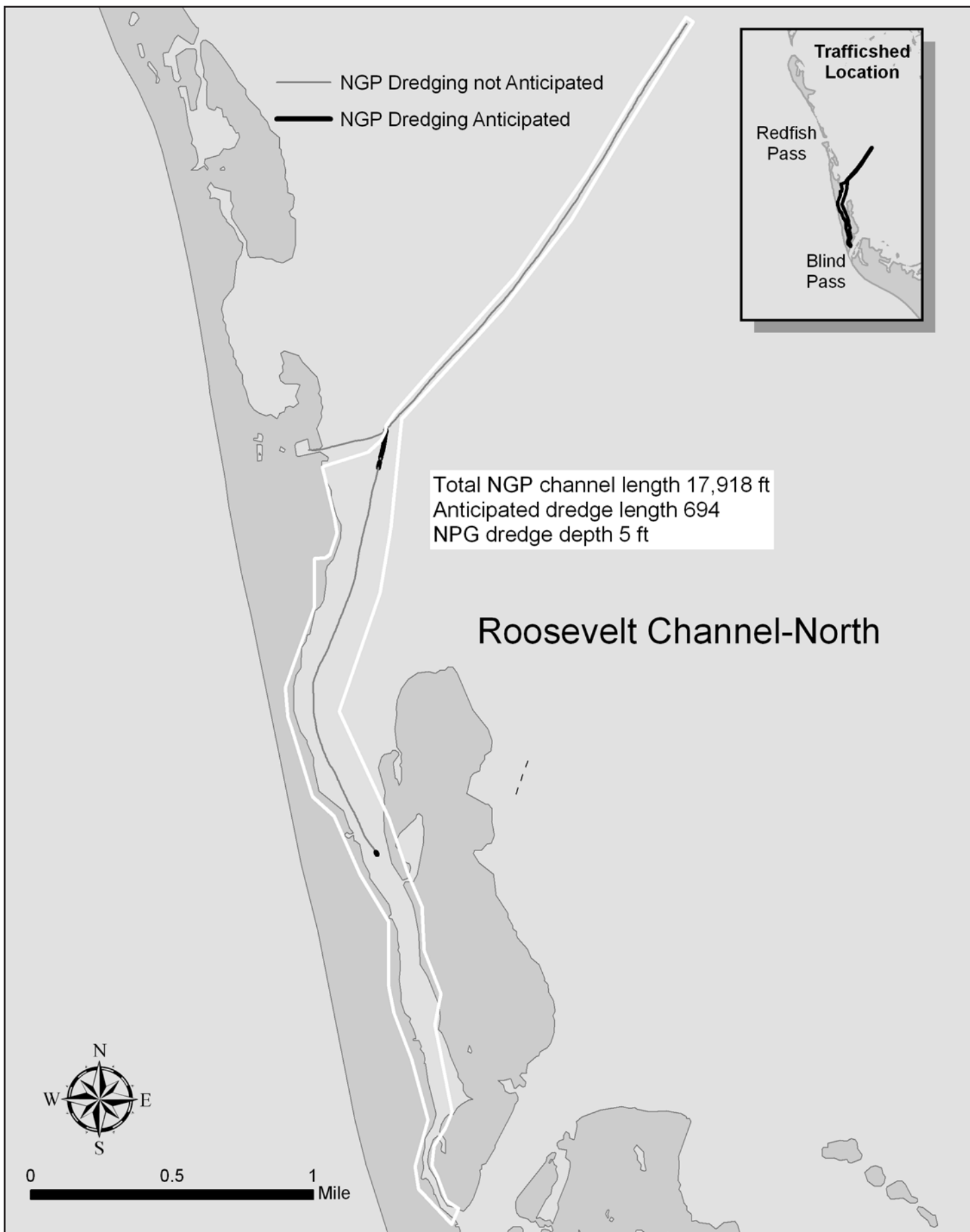


Figure 43. Saint James City-East



Figure 44. Saint James City-South

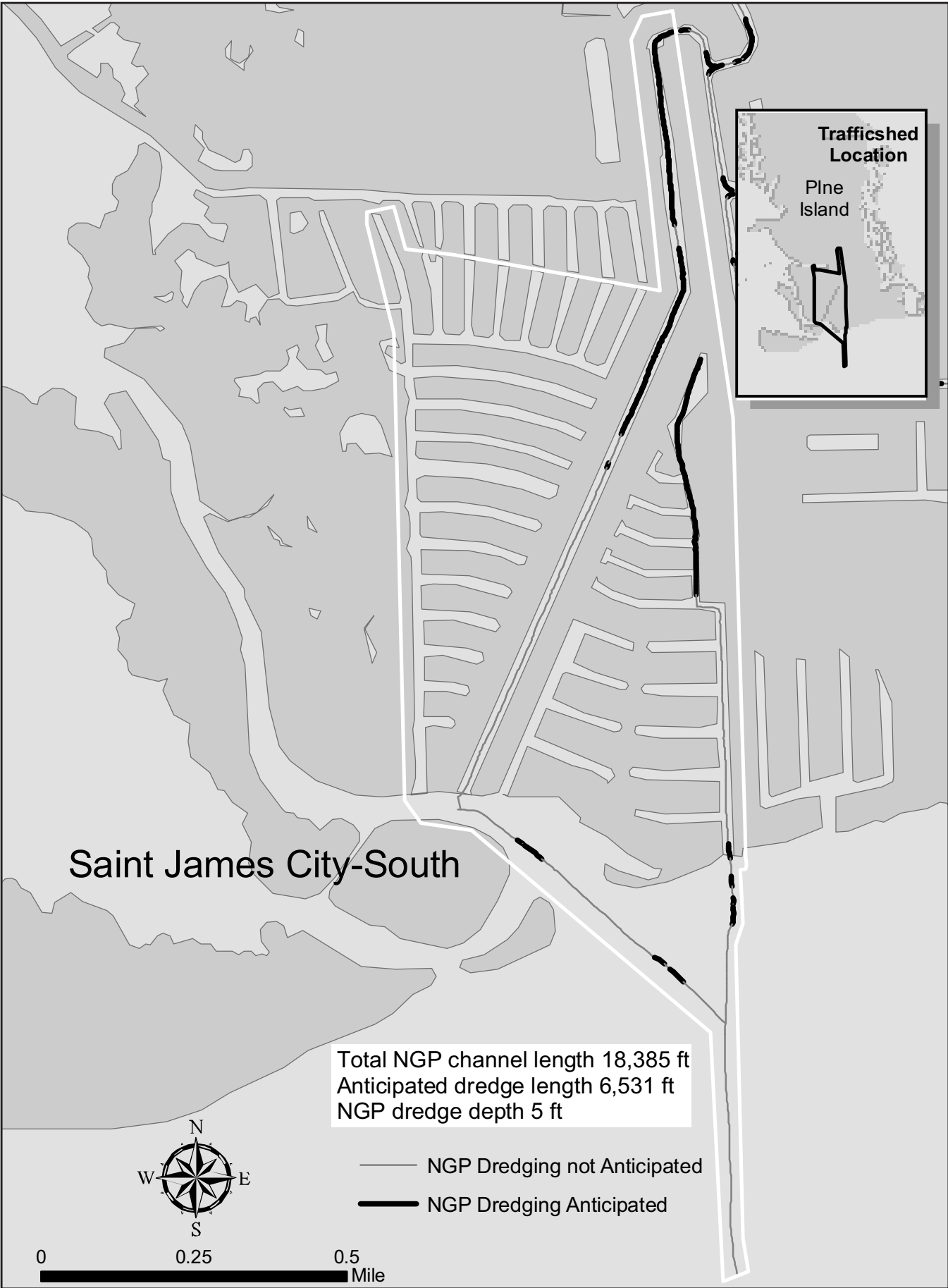


Figure 45. Siesta Isles

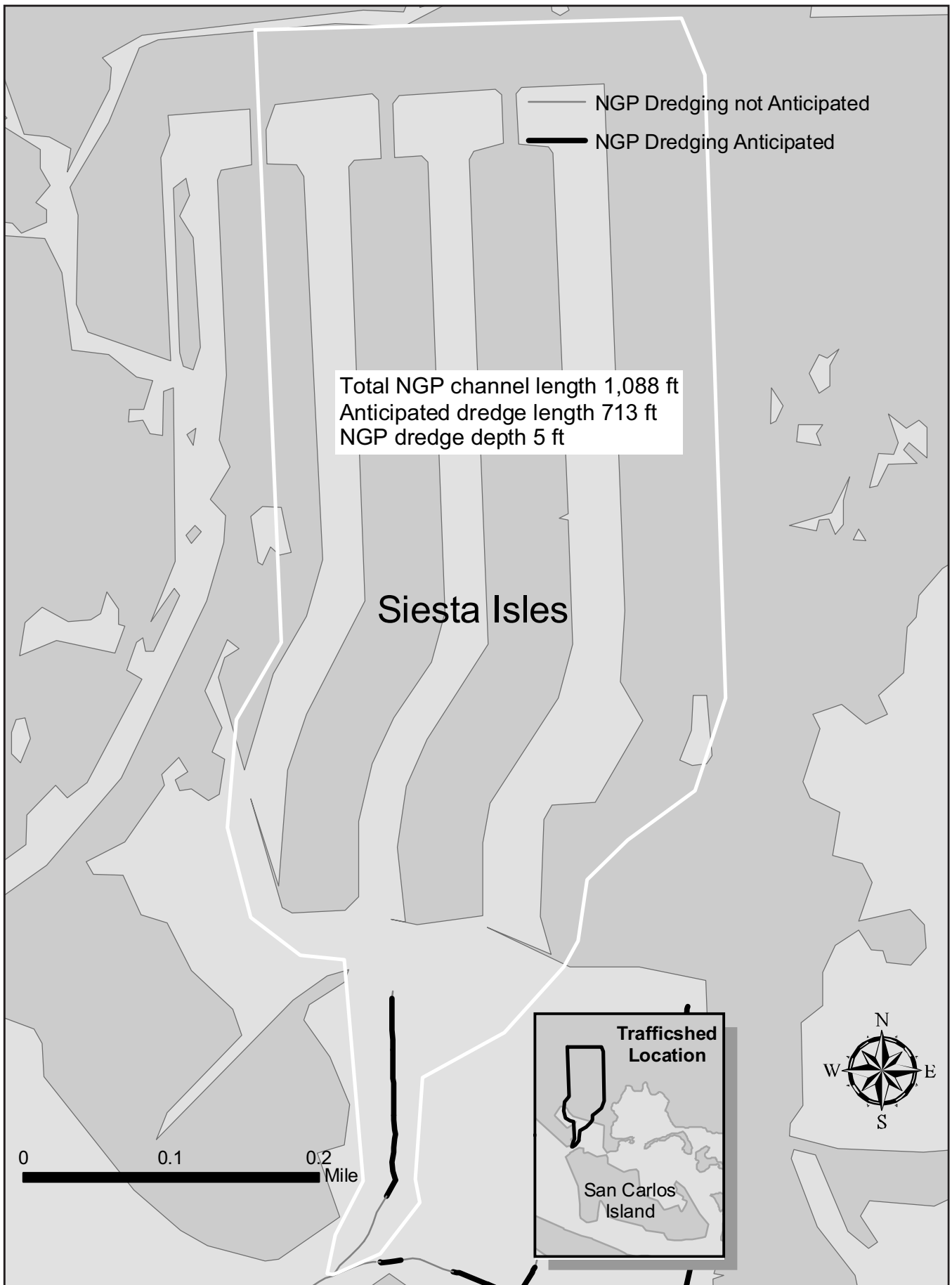


Figure 46. South Estero Bay

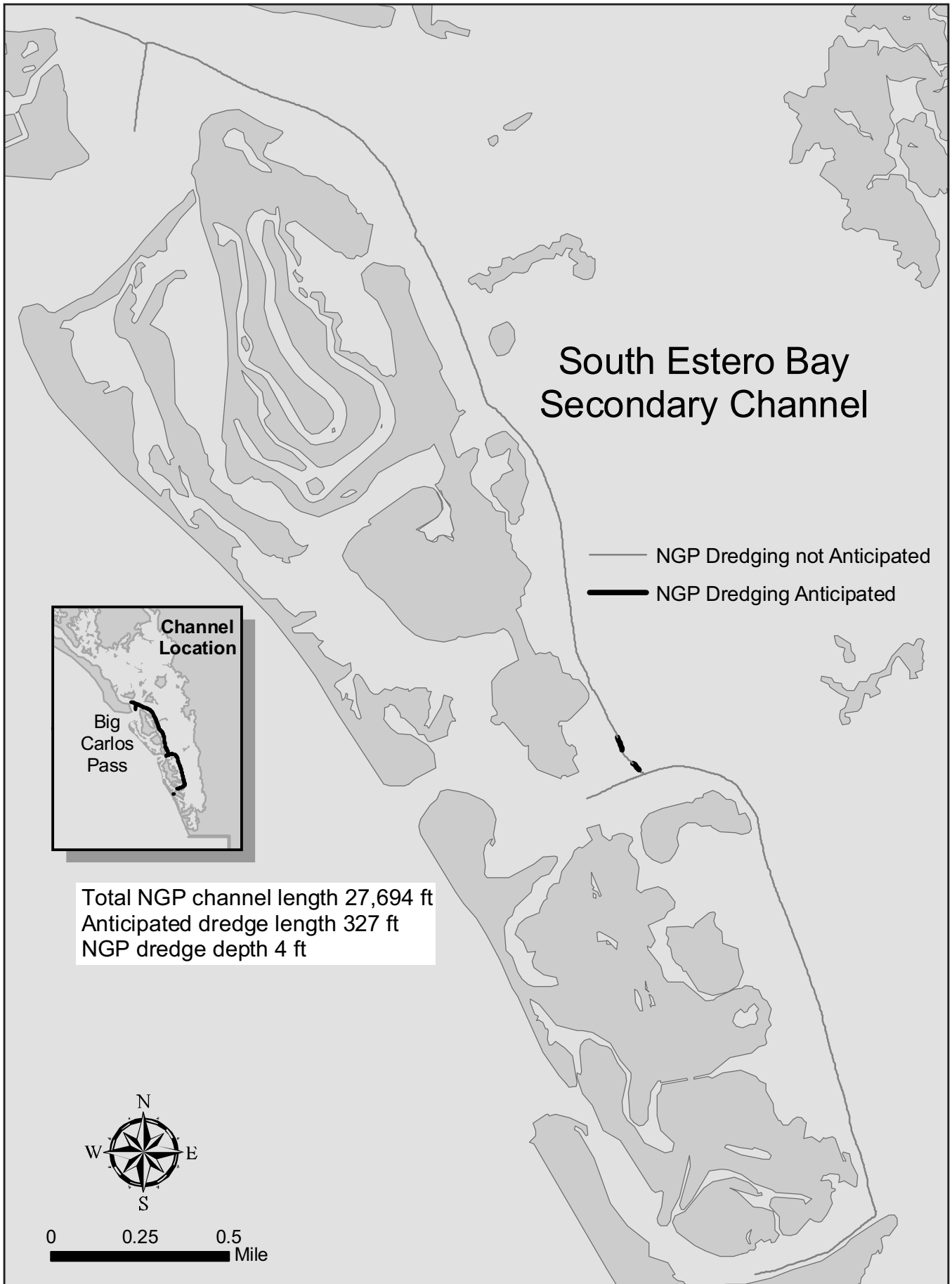


Figure 47. South Matlacha

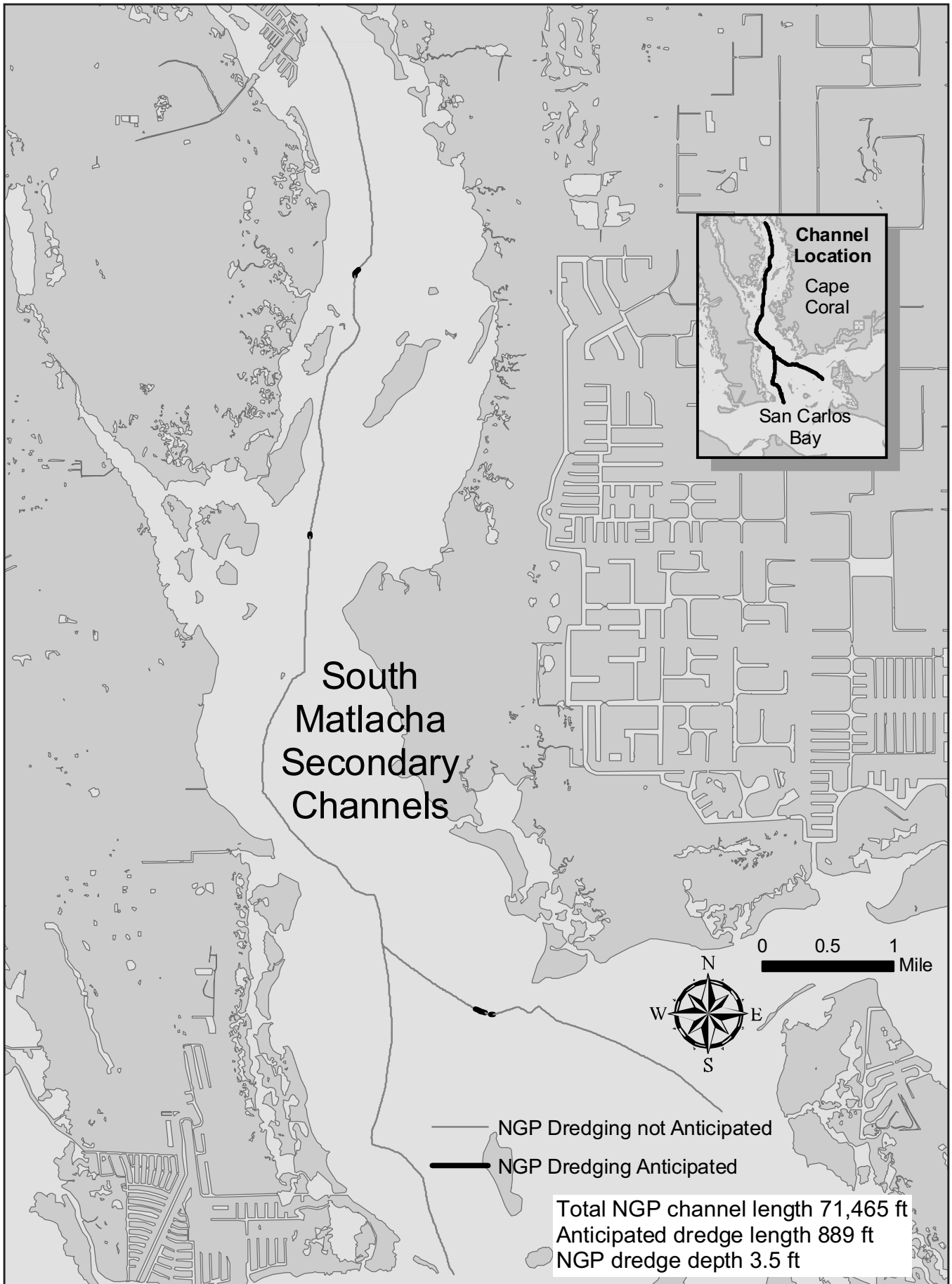


Figure 48. Sunset Bay

