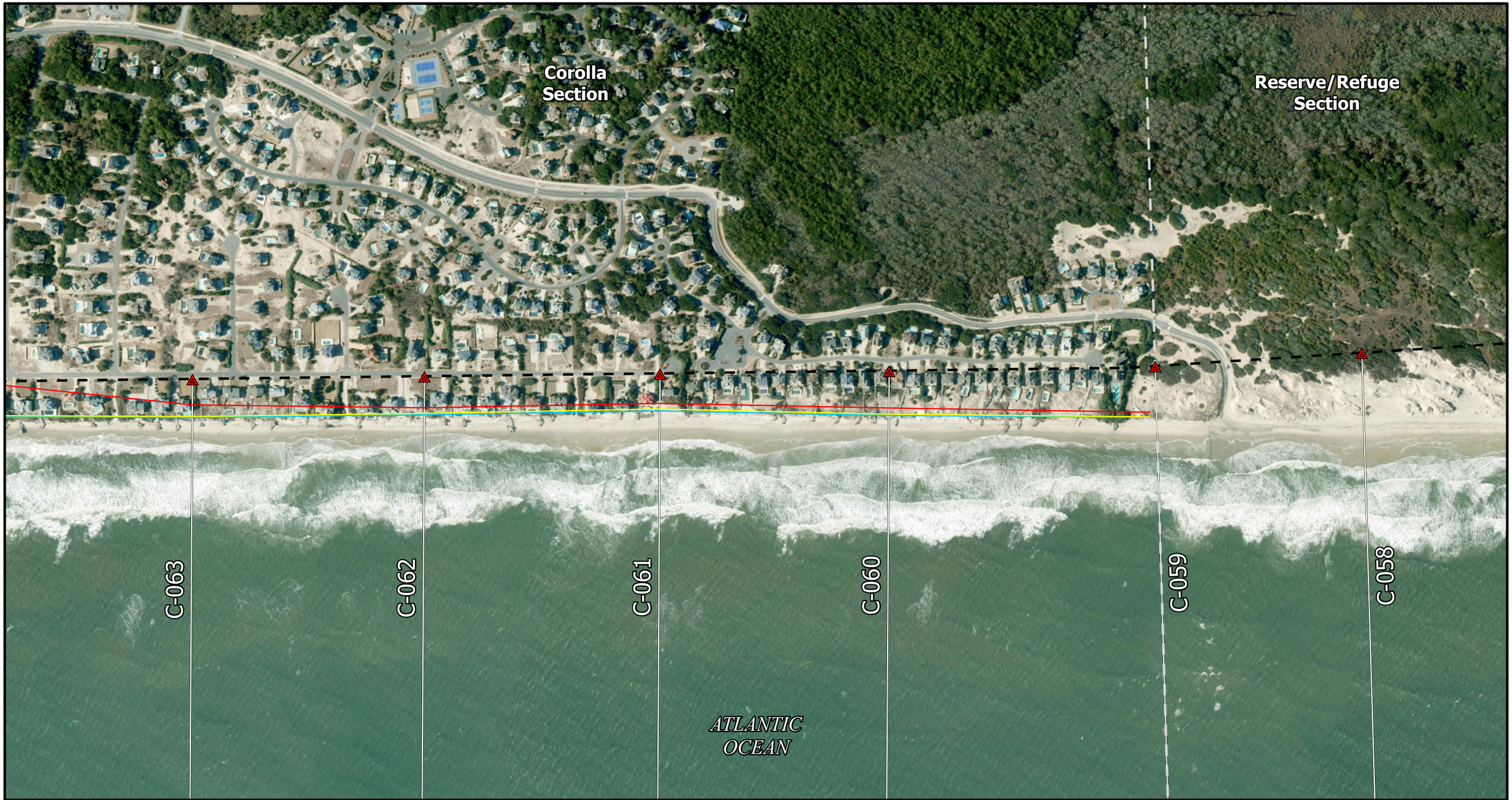
Appendix B
Impact Line Maps for Three (3) Simulated Storms Along the Corolla and Pine Island Sections



NOTES

1) Aerial imagery collected between January and March 2024 by the NC Orthoimagery Program
2) Impact Lines represent the connected impact points developed through the XBEACH 1D storm simulations of each of the three storms based on 2025 conditions.

LEGEND

- Profile Stations
- Beach Profile Transects
- Section Area Boundary
- Baseline
- Hurricane Isabel 2025 Existing Conditions
- Synthetic 25-Year Storm 2025 Existing Conditions
- 2009 Nor'easter 2025 Existing Conditions

0 500 1,000 Feet

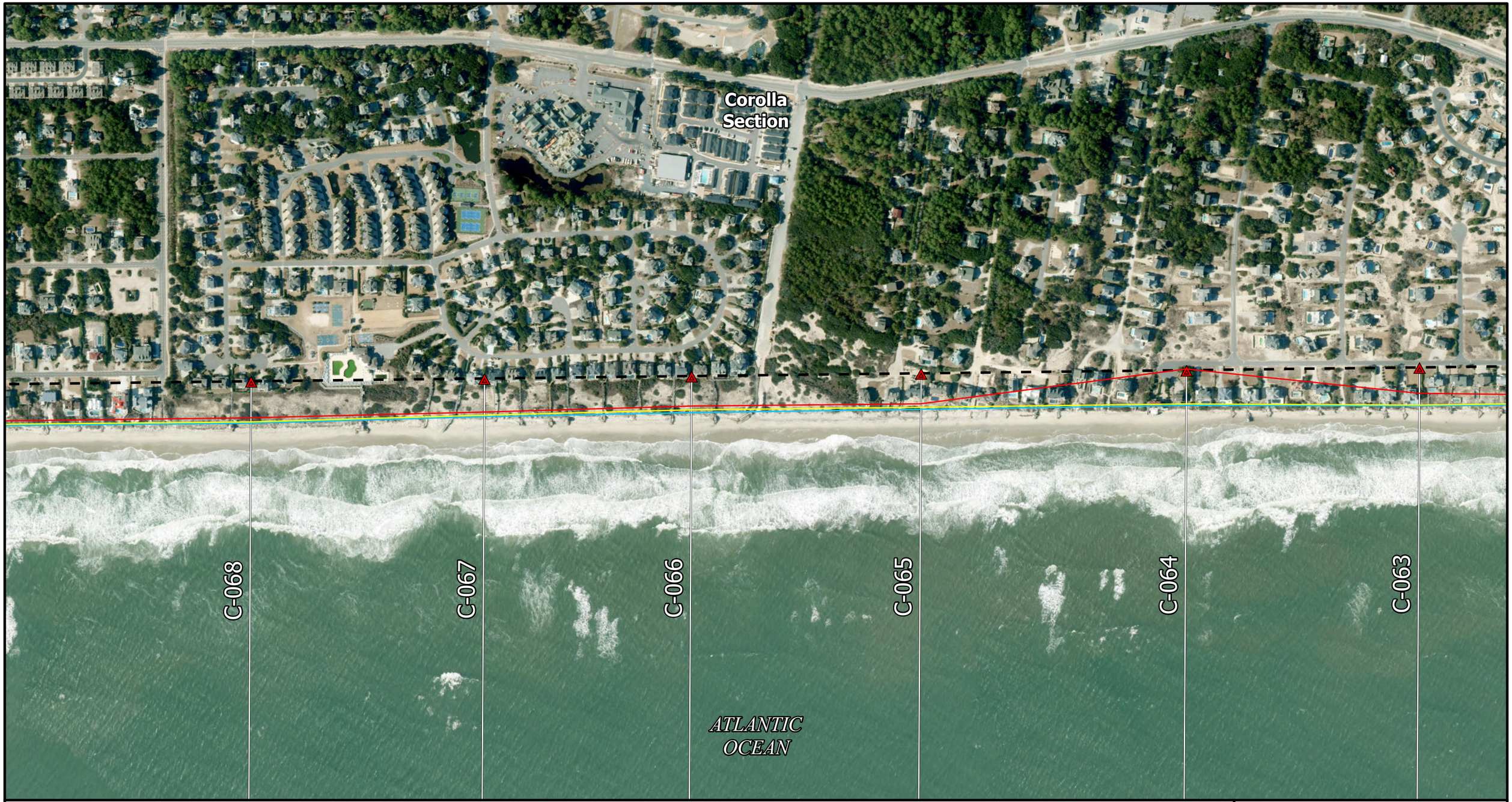
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Appendix B - Impact Line Maps for Three (3) Simulated Storms Along the Corolla and Pine Island Sections

COASTAL PROTECTION ENGINEERING OF NORTH CAROLINA, INC.
4038 Masonboro Loop Road
Wilmington, NC 28409
PH (910) 399-1905

Date: 5/18/2026 | By: HT |

Path: E:\Projects\USA\NC\Currituck\2020020_CurBchAsmt\aprx\Currituck_Shorelines_2025\Currituck_Shorelines_2025.aprx



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0 500 1,000 Feet

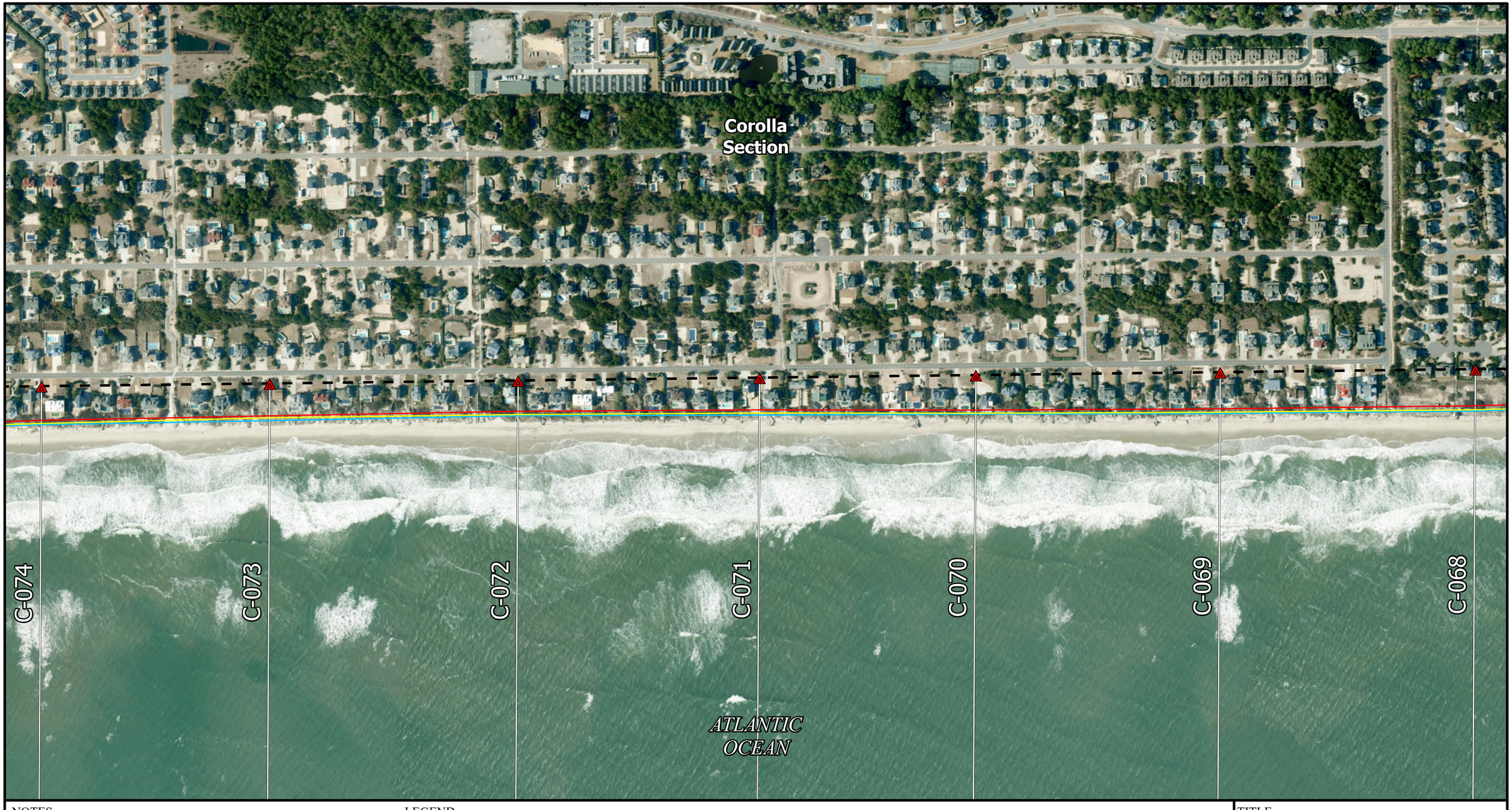
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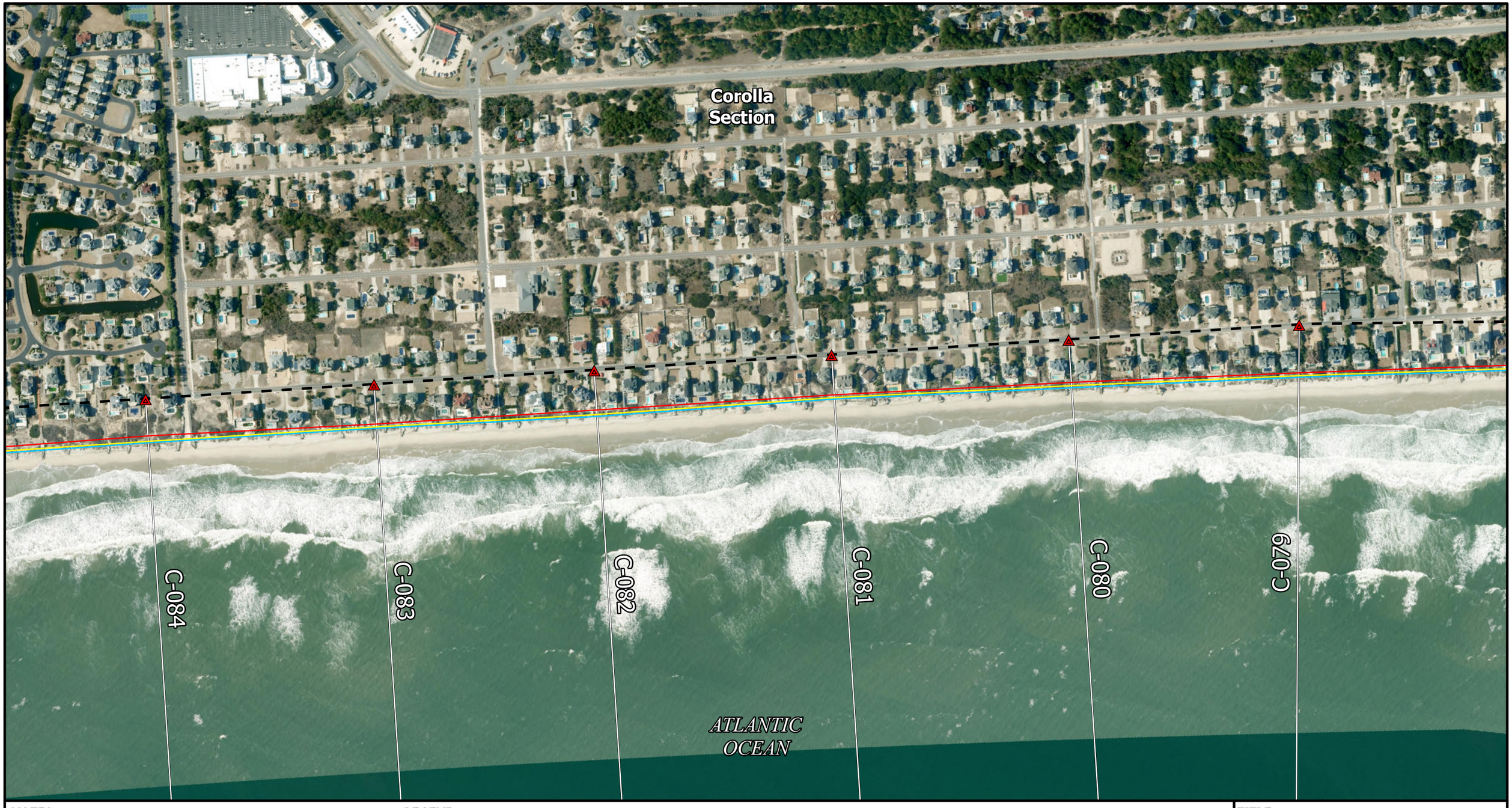
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Corolla Section

C-089

C-088

C-087

C-086

C-085

C-084

ATLANTIC OCEAN

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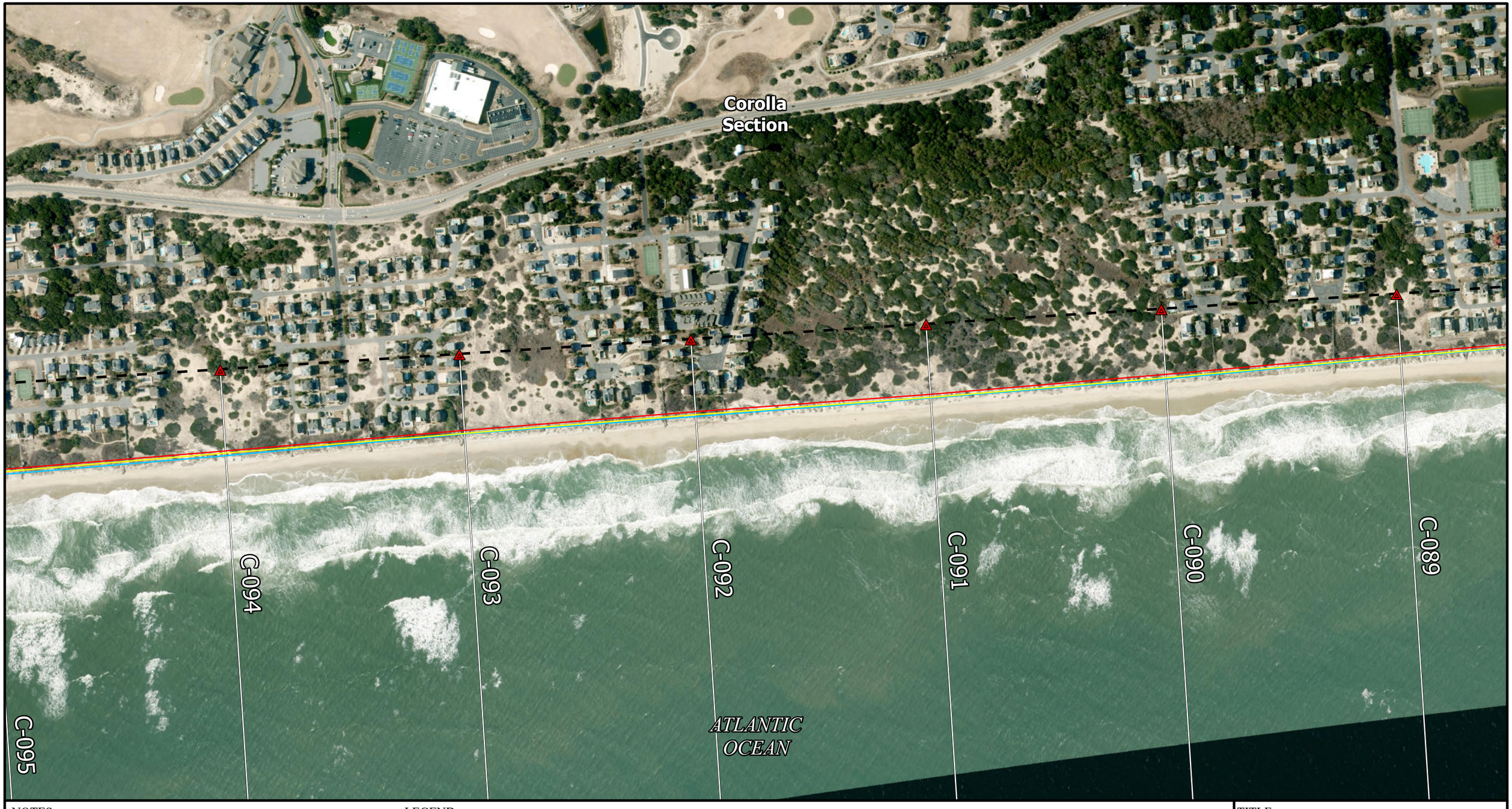
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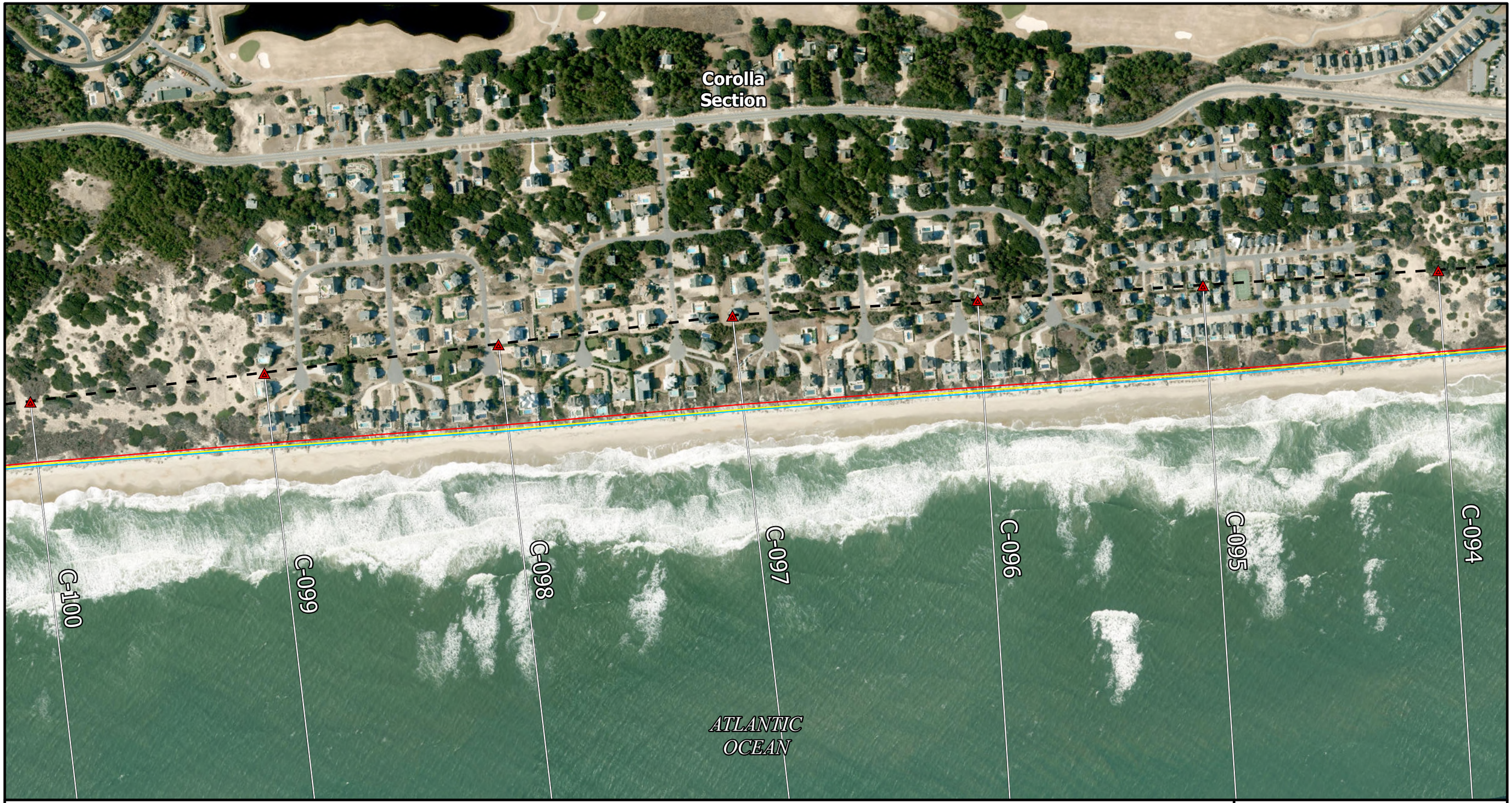
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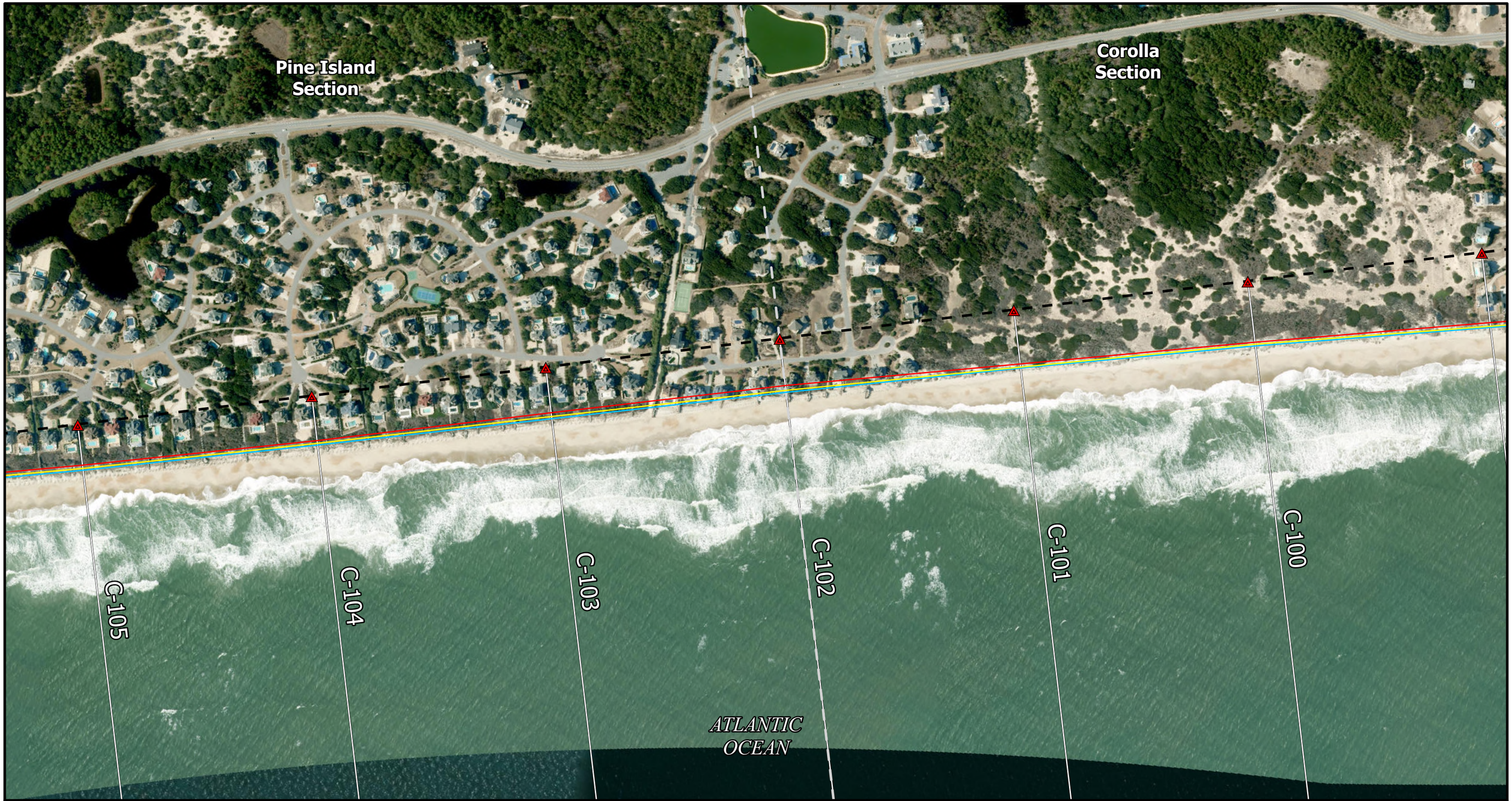
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Dare County

Pine Island Section

C-120

C-119

C-118

C-117

C-116

C-115

ATLANTIC OCEAN

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