Rocky Point Road Shoreline Stabilization
for Town of Malabar
Brevard County, Florida

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GENERAL NOTES
1. The work consists of furnishing all labor, equipment, and materials required for shoreline stabilization at Rocky Point Rd fronting the Indian River Lagoon as shown on these documents and as specified in the Contract Documents.
2. All work shall conform to the required permits to be provided by the Town of Malabar. The Contractor who performs the work shall post on the job site all permit placards and the Contractor shall comply with all terms of the permits as pertaining to performance of the work.
3. Prior to construction, the Contractor shall meet with the Engineer or the Engineer's designee (pre-construction meeting) to verify construction access locations, design details, and methods of construction.
4. Profile data and surveys by Oceanide Solutions. Surveys were performed on the dates shown on these drawings.

COASTAL ENGINEERING - ENVIRONMENTAL PERMITTING
EMERGENCY MANAGEMENT - WATERFRONT DEVELOPMENT

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Date: 8/31/2023 (REV. 10/27/2023)
Construction Notes

1. Design Criteria
   Revetment design based upon US Army Corp of Engineers MIL-STD-3007 and JEM 1110-2-1614, Design of Revetments, Seawalls and Bulkheads, USACE.

2. Sediment Control
   a. Prior to commencement of removal of existing structures and debris, the Contractor shall implement sediment control measures surrounding the limits of construction to insure that the construction activities will not cause violations of State water quality standards or other regulatory sediment control requirements. All sediment control devices shall remain in place until all demolition and construction activities are completed.
STATE, FEDERAL LAWS AND REGULATIONS.

15. ALL WORK TO BE DONE ABOVE MEAN HIGH WATER LINE (MHWL).

16. TURBIDITY CONTROL MEASURES ARE NOT NECESSARY AS NO WORK WILL BE PERMITTED IN THE ADJACENT WATER BODY. CONTRACTOR SHALL INSTALL TURBIDITY CURTAINS AS MAY BE NECESSITATED BY PERMIT REQUIREMENTS OR TO PREVENT RUNOFF.

17. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY PERMIT AUTHORITIES. ANY ADDITIONAL EROSION CONTROL MEASURES SHALL BE INCLUDED ON THE CONTRACTOR AT NO ADDITIONAL COSTS TO THE OWNER.

1. SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION TO ENSURE PUBLIC AND PRIVATE SAFETY IN AND AROUND THE CONSTRUCTION SITE.

2. IT IS THE RESPONSIBILITY OF CONTRACTOR TO ESTABLISH THE FOLLOWING PROMPTLY AFTER ISSUANCE OF DRAWINGS: WATER LINES AND STATIONING AS MAY BE REQUIRED TO CONSTRUCT THE PROJECT.

3. CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SAFETY OF WORK.

4. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO PREVENT DAMAGE TO EXISTING STRUCTURES BY OR AS A RESULT OF OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.

5. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT SITE PRIOR TO BIDDING AND INITIATING ANY CONSTRUCTION. THE CONTRACTOR SHALL MEET WITH ALL PERMITTING AGENCIES AND THE OWNER REPRESENTATIVES.

6. THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL STRUCTURES AND EXISTING UTILITIES (SAWN AND BELOW GRND) WITHIN THE CONTRACTORS PROPOSED WORK AREAS AND ACCESS CORRIDORS, WHETHER SHOWN OR NOT ON THE DRAWINGS.

7. ALL DERRIES AS A RESULT OF, OR IN THE IMMEDIATE VICINITY OF THE WORK SHALL BE RECOVERED AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST.

8. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH ALL OTHER CONSTRUCTION ACTIVITY WITHIN THE PROJECT AREA. CONSTRUCTION ACTIVITIES IN THE FIELD: RIGHT OF WAY LINES, BENCHMARKS, CENTER LINE, CURB INLETS, DITCH BOTTOM INLETS, DITCHES, AND DOWNSTREAM TIDAL WATERS ADJACENT TO CONSTRUCTION.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ADJACENT FACILITIES AND STRUCTURES CAUSED BY HIS ACTIVITIES DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL RESTORE ALL STRUCTURES WITHIN THE R.O.W. ARE TO BE DISMANTLED TO THE OWNER. STRUCTURES WITHIN THE R.O.W. ARE TO BE DISMANTLED TO THE OWNER. STRUCTURES WITHIN THE R.O.W. ARE TO BE DISMANTLED TO THE OWNER.

10. TURBIDITY CURTAINS ARE NOT REQUIRED WHERE NOT PRACTICAL IN ACCORDANCE WITH ALL NECESSARY PERMITS REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR WILL SUBMIT A "NOTICE OF INTENT" TO THE EPA IN ACCORDANCE WITH ALL APPLICABLE AND APPROVED TIMES DURING THE COURSE OF THE WORK. THE CONTRACTOR WILL SUBMIT A "NOTICE OF INTENT" TO THE EPA IN ACCORDANCE WITH ALL APPLICABLE AND APPROVED TIMES DURING THE COURSE OF THE WORK.

11. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. ANY DEVIATION IN EXISTING CONDITIONS WITH DRAWINGS OR SPECIFICATIONS SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.

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15. ALL WORK TO BE DONE ABOVE MEAN HIGH WATER LINE (MHWL).
NOTE:
ALL PROJECT WORK TO BE ABOVE MEAN HIGH WATER LINE (MHWL), EL: -0.71 NAVD88. NO EXCAVATION SHALL OCCUR BELOW THE MEAN HIGH WATER LINE.
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NOTE:
1. Contractor Shall Remove All Existing Granite and Conglomerate within the "New Rock Revetment Area" and Relocate to Adjacent "Supplemental" Areas.
2. Contractor Shall Remove and Dispose of All Existing Concrete and Debris.

Survey Data: Oceanside Solutions (January 12, 16-19, 2023)
Aerial Photo: National Oceanic and Atmospheric Administration (November 15, 2022)
Site 3 - Elevation Profiles - STA. 51+00-55+00

Rocks Point Road Shoreline Stabilization

for Town of Malabar

NOTE:
1. Contractor Shall Remove and Dispose of any Non-Coquina and Non-Granite Material Including Concrete Debris and Material Deemed to be Insufficient Size per Engineer.

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Specifications:

- Fabric: High Strength Nylon Reinforced Vinyl, High Visibility Yellow, 22 oz./Yd Weight
- Flotation: 12" Expanded Polystyrene Over 29 lbs/ft Bouyancy.
- Ballast: 5/16" Galvanized Chain (1.1 lbs/ft)
- Load Lines: Dual 5/16" Galvanized Wire Ropes with Heavy Vinyl Coating.

Notes to Contractors:

1. If turbidity extends beyond the barriers, construction must cease until turbidity levels return to normal levels.
2. Double turbidity barriers must be placed prior to construction around pier.
3. Turbidity curtains are to remain in place for a period of time not less than seven (7) days after work has been completed and turbidity levels are equal to or below background N.T.U. Levels.

Typical Floating Turbidity Curtain Detail

Scale: N.T.S.

Silt Fence Detail

Scale: N.T.S.

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