

HENDRICKS ISLE SEAWALLS REPLACEMENT PROJECT

PUBLIC MEETING
MAY 26, 2022
VIRTUAL (ZOOM)
5:00PM – 6:00PM



CITY OF FORT LAUDERDALE

HENDRICKS ISLE SEAWALLS PROJECT LOCATION



EXISTING HENDRICKS ISLE SEAWALLS (STRUCTURAL CONDITION)

- * Coral rock seawall with concrete cap
- * Construction date: unknown
- * Average cap el. : 2.6' NAVD
- * Condition: Poor with significant horizontal and vertical displacement with loss of fill from behind the wall



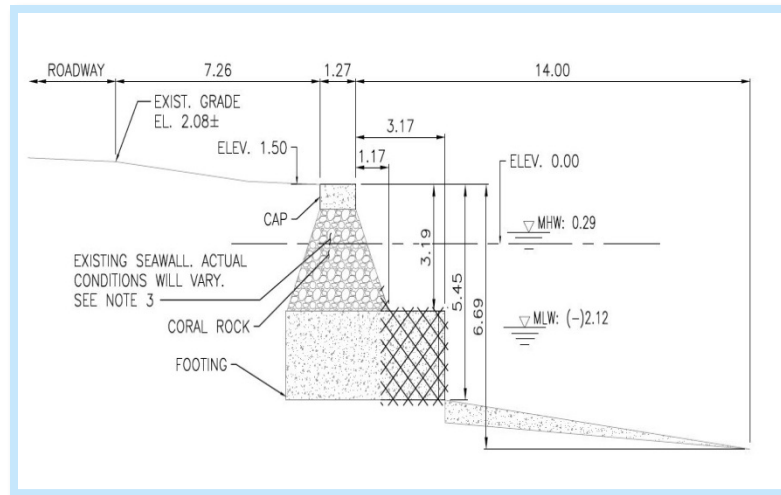
SCOPE OF WORK

- * Replace approximately 320 linear feet of existing City-owned seawall on west side of Hendricks Isle (~260 LF), and at cul-de-sac (~60 LF)
- * Construct upland local drainage improvements benefitting the Hendricks Isle public right-of-way
- * Mill and re-surface the existing roadway adjacent to drainage work

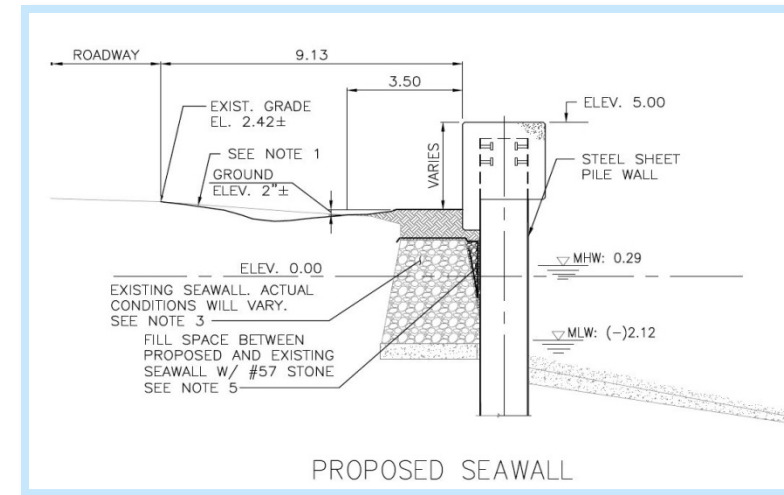


TYPICAL CROSS-SECTION (LOOKING SOUTH)

Existing



Proposed



HENDRICKS ISLE NORTH END (LOOKING EAST)

Existing

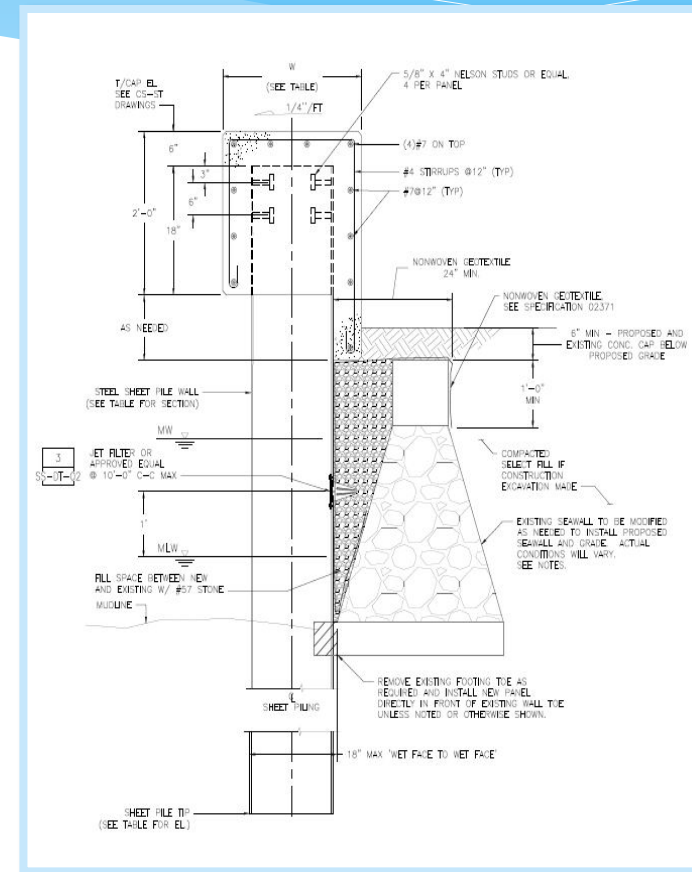


Proposed



CONSTRUCTION SPECIFICATIONS

- * Seawall elevation (top of concrete cap) – 5.0' NAVD
 - Approximately 2.5 feet higher than existing seawall
 - NAVD – datum used to determine base flood elevations
- * Steel sheet pile
 - 28-36 feet in length
 - Coated for protection against corrosion
 - Urethane zinc primer
 - Polyamine epoxy
- * Concrete cap
 - 26 in wide x 24 in height
 - Will look like a concrete wall from roadside



BENEFITS TO THE NEIGHBORS

- * Reduce tidal flooding from the City owned seawall portion
 - Protect adjacent properties from storm surge
 - Improved traffic
 - Safer access to Hendricks Isle
- * Improved local right-of-way drainage
- * Help maintain property value
- * Protect existing infrastructure by replacing deteriorated seawall
- * Protect the structural integrity of the Hendricks Isle roadway against erosion through the existing deteriorated seawall
- * Swale width to increase by a minimum of 1.5 feet
 - New sod and landscape will be installed

IMPACTS DURING CONSTRUCTION

* Traffic

- Expect lane closures with flaggers directing traffic during construction hours
- Access to all properties will be provided, although some delays may occur

* Noise and vibration Sheet pile driving

- Contractor will monitor noise and vibration to comply with contract specifications
- City will retain independent vibration and noise monitoring services
- Concrete trucks, materials deliveries, paving equipment

TENTATIVE TIMELINE

- * April 19, 2022
 - Contract award by City Commission
- * May 18, 2022
 - Contract fully executed
- * Early June 2022
 - Notice to Proceed (NTP) for Construction
- * Mid-July 2022
 - Contractor to mobilize
- * Mid-December 2022
 - Substantial completion

PROJECT WEBSITE

- * Frequently Asked Questions (FAQ) Document
- * Project Flyers, Presentations
- * General Information About Project Milestones

<https://www.fortlauderdale.gov/government/departments-i-z/public-works/engineering-division/hendricks-isle-seawall-replacement-project>

QUESTIONS?

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