LOWER MANHATTAN COASTAL RESILIENCY PROJECT – BATTERY
East Coast Memorial
October 29, 2021
Lower Manhattan Coastal Resiliency projects

- **Battery Park City Resilience Projects**: 1.15 miles
- **The Battery Coastal Resilience**: .33 miles
- **The Financial District and Seaport Climate Resilience Master Plan**: .9 miles
- **Interim Flood Protection Measures (IFPM)**
- **BK Bridge-Montgomery Coastal Resilience**: .8 miles
- **East Side Coastal Resiliency**
Existing East Coast Memorial
Existing East Coast Memorial
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Existing East Coast Memorial
Existing East Coast Memorial
Existing Section
Proposed Section

EXISTING EAST COAST MEMORIAL PILLAR

SALVAGED GRANITE STEPS

*GRADE CHANGE RESULTS IN 2 FEWER STEPS

Section A

Section B
East Coast Memorial Proposed Lighting

**LEGEND**
- **ACCEPTABLE LIGHT LEVELS**
- **BELOW-STANDARD LIGHT LEVELS**
- **EXISTING RIVERSIDE LUMINAIRE ON B-POLE (NYCDOT MAINTAINED)**
- **EXISTING EAST COAST MEMORIAL LAMPPOST (NYCDOT MAINTAINED)**
- **PROPOSED RIVERSIDE LUMINAIRE ON B-POLE (NYCDOT MAINTAINED)**
- **RECESSED LIGHT FIXTURE (NYCDPR OWNED AND MAINTAINED)**

**INSUFFICIENT LIGHT LEVELS USING EXISTING RECESSED LIGHTING**
PHOTOMETRICS AS CURRENTLY DESIGNED

**PROPOSED NEW LIGHTING**
REPLACE RECESSED LIGHT FIXTURE WITH NEW LIGHT POLES ON PEDESTALS

East Coast Memorial

LOWER MANHATTAN COASTAL RESILIENCY PROJECT – BATTERY
East Coast Memorial Existing Lighting

**RECESSED LIGHT FIXTURE**
(NYCDPR OWNED AND MAINTAINED)

**EXISTING EAST COAST MEMORIAL LAMPPPOST**
(NYCDOT MAINTAINED)
Existing Wharf Front Lighting / Proposed East Coast Memorial Lighting

RIVERSIDE LUMINAIRE
(NYCDOT MAINTAINED)

SLR-LED Riverside
Luminaires: Tulip - Shats

Overlooking the broad Hudson River is Manhattan’s Riverside Drive, a three-mile length of the tulf contour luminaire, decorated in bas-relief around its dome, and sporting a prominent shield. Riverside is the luminaire of choice for New York City’s many park areas. The full contour and restrained bas-relief detailing are unique, distinctive and suggestive of an older, quieter era,

High-strength aluminum structure and polycarbonate or acrylic globs. Several decorative bases are available for appropriate matching with a variety of ornamental posts.

SLR-LED utilizes the most current solid state technology to deliver high lumen output, exceptional light distribution, superior visual comfort, extended service life, and energy reduction.

SLR-LED Riverside
Sentry Electric LLC
165 Buffalo Avenue, Freeport, New York, 11520
Telephone: 516.379.4800 Fax: 516.379.3824
www.sentrylighting.com info@sentrylighting.com

L-45

For ordering information see reverse.

Shown with 10 ft. cast iron pole. Casting # SC3-8-S-15'

RIVERSIDE LUMINAIRE
(NYCDOT MAINTAINED)
Existing Wharf Front Lighting / Proposed East Coast Memorial Lighting

RIVERSIDE LUMINAIRE
(NYCDOT MAINTAINED)

Existing Wharf Front Lighting / Proposed East Coast Memorial Lighting

LOWER MANHATTAN COASTAL RESILIENCY PROJECT – BATTERY

East Coast Memorial
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Existing Wharf
Proposed Design with Lights in View
Night View
Existing Drainage

LEGEND
- RAMPS WITH HANDRAILS
- EXISTING PLANTING
- EXISTING STORM SEWER
- EXISTING DRAINAGE STRUCTURES
- EXISTING TREE
- RIVERSIDE LUMINAIRE
- EAST COAST MEMORIAL LIGHT
Proposed Drainage Design

- Proposed cross slopes at base of East Coast Memorial range from 1.2%-3.4%
- Longitudinal slope is 1%
- Limit of construction to meet expansion joint at edge of pillars to accommodate consistent grades at the base of the memorial
- Runoff from the East Coast Memorial collected via catch basins at base of stairs (similar to existing)

CATCH BASIN EXAMPLE

LEGEND

- RAMPS WITH HANDRAILS
- EXISTING PLANTING
- NEW / RESTORED PLANTING
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- MANHOLE AND TIDE GATE
- EXISTING TREES
- PROPOSED TREES
- RIVERSIDE LUMINAIRE
- EAST COAST MEMORIAL LIGHT
**Materiality**

**EXISTING STEPS**

- 6 GRANITE STEPS DESCENDING TO WHARF
- EXPOSED OUTLET
- EXISTING GRANITE PIER
- MONUMENT ENGRAVING

**PROPOSED STEPS**

- PROPOSED LIGHT SALVAGED PIER
- NEW BRONZE PLATE TO HIDE OUTLET
- SALVAGED PIERS
- INTERIOR FACE

East Coast Memorial

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Existing Materials
Proposed Materials
East Coast Memorial

LEGEND

PLANTING

Existing

Proposed
East Coast Memorial

Existing

Proposed

LEGEND

PLANTING