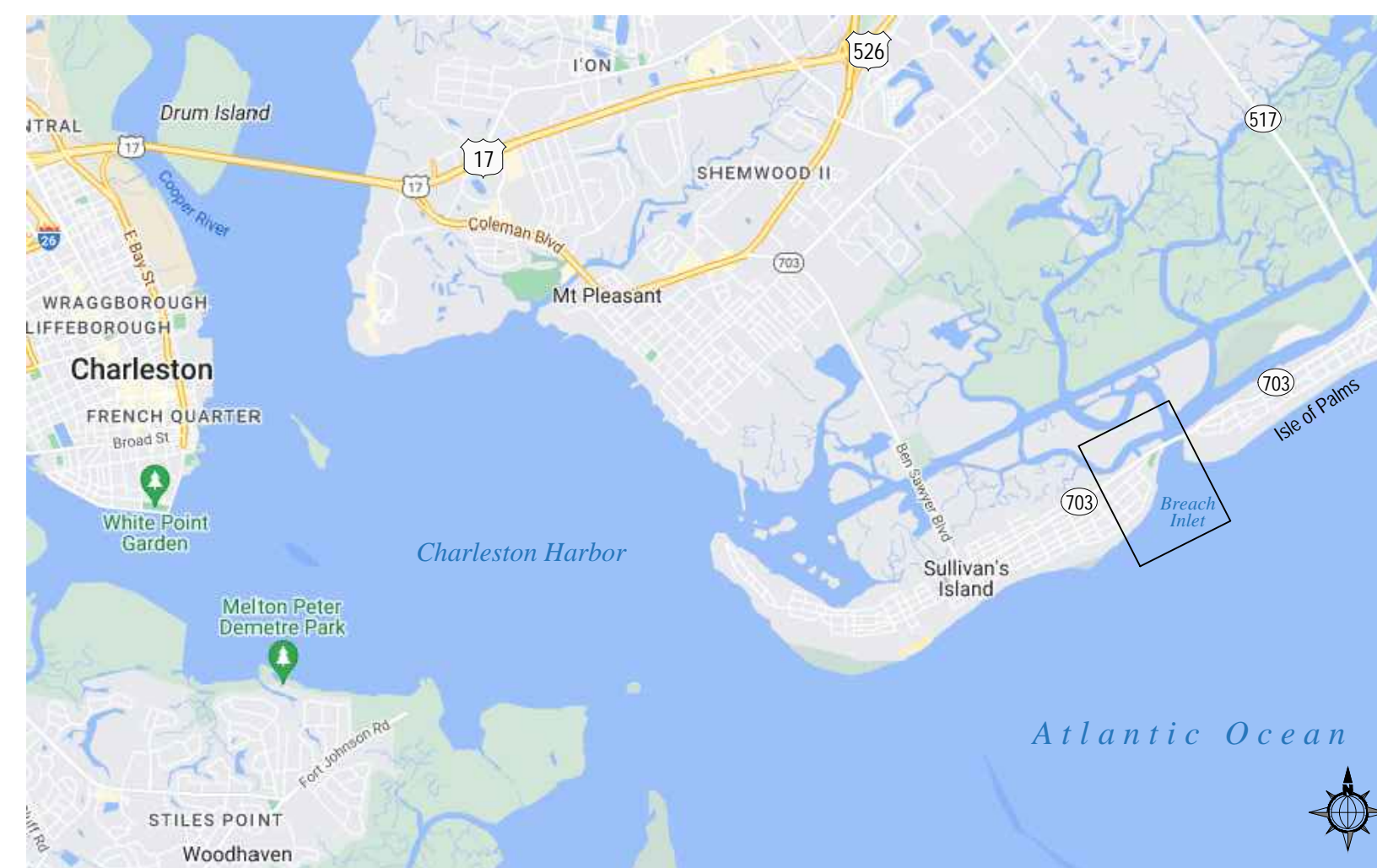


USACE Supplemental Dune Restoration

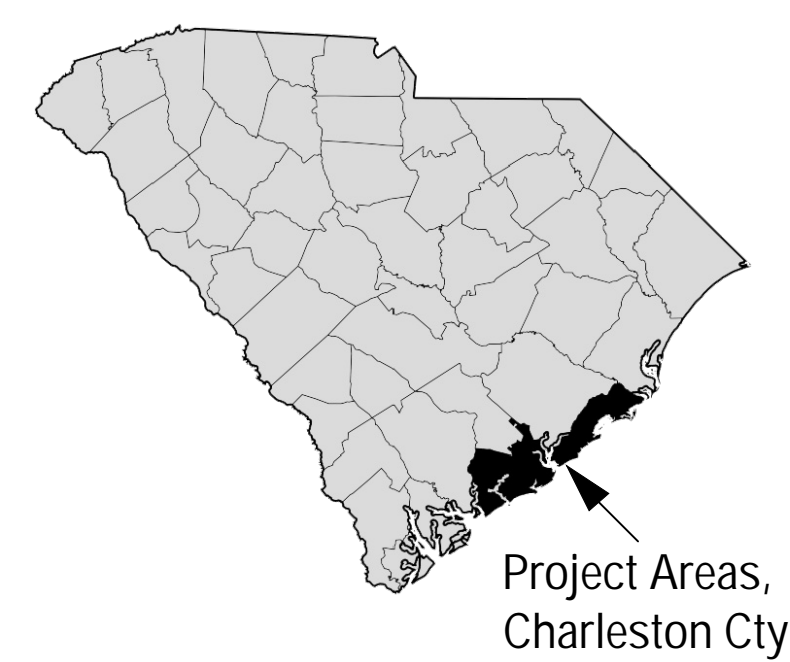
Town of Sullivan's Island

Charleston County, South Carolina

TITLE	SHEET NO.
COVER SHEET	00
OVERALL PROJECT PLAN & AREA A PLAN	
SULLIVANS ISLAND FILL AREA A PLAN (AERIAL PHOTOS).....	01
SULLIVANS ISLAND FILL AREA B PLAN (AERIAL PHOTOS).....	02



PROJECT LOCATION:
 Latitude: N32° 46' 17.50"
 Longitude: W79° 48' 52.50"



DIRECTIONS:

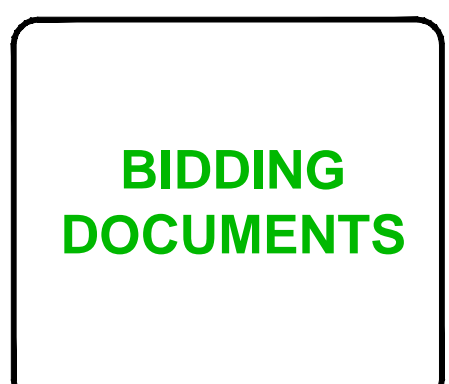
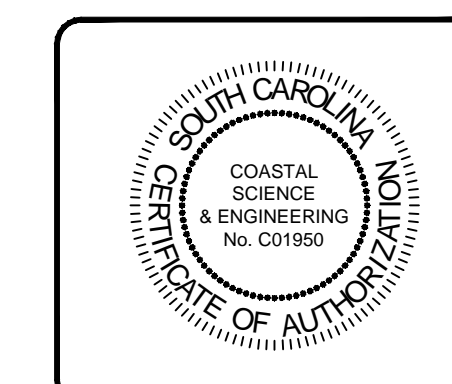
To Sullivan's Island

Head northeast on Wentworth St toward Anson St.
 Get on SC-703 E/W Coleman Blvd in Mount Pleasant From US-17 N/Hwy 17 N/Arthur Ravenel Jr Bridge
 6 min (3.8 mi)
 Continue on SC-703 E.
 Drive to Middle St on Sullivan's Island (6.6 mi)
 Project area can be accessed from Thomson Park on Middle St at Breach Inlet



OWNER:
 Town of Sullivan's Island
 2056 Middle Street
 Sullivan's Island, SC 29482

ENGINEER:



Project No. 2602

Date: Aug 2024



USACE intends to place 175,000 cy in stockpiles 1-3
 Stockpile Area 1 (S1): 50,000 cy
 Stockpile Area 2 (S2): 75,000 cy
 Stockpile Area 3 (S3): 50,000 cy (Sheet 03)
 See USACE AWW project No.9674 (Sheet C06)

Note:
 The sand source will be provided by USACE from the FY24 beneficial use sediment rehandling at Breach Inlet, AWW project No.9674 (Sheet C03)
 Material Source: PA 1056S W-C (AIWW adjacent to Swinton Creek)

Area A
 Volume: 8,500 cy
 Typical dune crest 15' wide @ +14' NAVD
 Seaward slope 1 on 4 to +6' NAVD

Area B
 Volume: 62,500 cy
 Typical dune crest 15' wide @ +14' NAVD
 Typical berm width varies (-40' wide) @ +6' NAVD



Area A
 Volume: 8,500 cy
 Typical dune crest 15' wide @ +14' NAVD
 Seaward slope 1 on 4 to +6' NAVD

USACE intends to place 175,000 cy in stockpiles 1-3
 Stockpile Area 1: 50,000 cy
 Stockpile Area 2: 75,000 cy (Sheet 03)
 Stockpile Area 3: 50,000 cy (Sheet 03)
 See USACE AWW project No.9674 (Sheet C06)

Project Survey Datum:
 Horizontal: NSRS 2011 South Carolina State Planes, Intl Foot
 Vertical: NAVD '88 (Feet)



CLIENT:
 Town of Sullivan's Island 2056 Middle Street Sullivan's Island, SC 29482
 City of Isle of Palms 1207 Palm Blvd Isle of Palms SC 29451

PROJECT:
 USACE Supplemental Dune Restoration
 Town of Sullivan's Island & City of Isle of Palms
 Charleston County, South Carolina

DRAWING TITLE:
 Fill Area A Plan
 Sullivan's Island

SCALE: AS SHOWN
 DATE: 20 Aug 2024
 DRAWN BY: Hair
 APPROVED BY: Traynum
 PROJECT #: 2602
 SHEET NO: 01



USACE intends to place 125,000 cy in stockpiles 2-3
 Stockpile 2: 75,000 cy
 Stockpile 3: 50,000 cy (Sheet C03)
 See USACE AIWW project No.9674 (Sheet C06)

Note:
 The sand source will be provided by USACE from the FY24 beneficial use sediment rehandling at Breach Inlet, AIWW project No.9674 (Sheet C03)
 Material Source: PA 1056S W-C (AIWW adjacent to Swinton Creek)

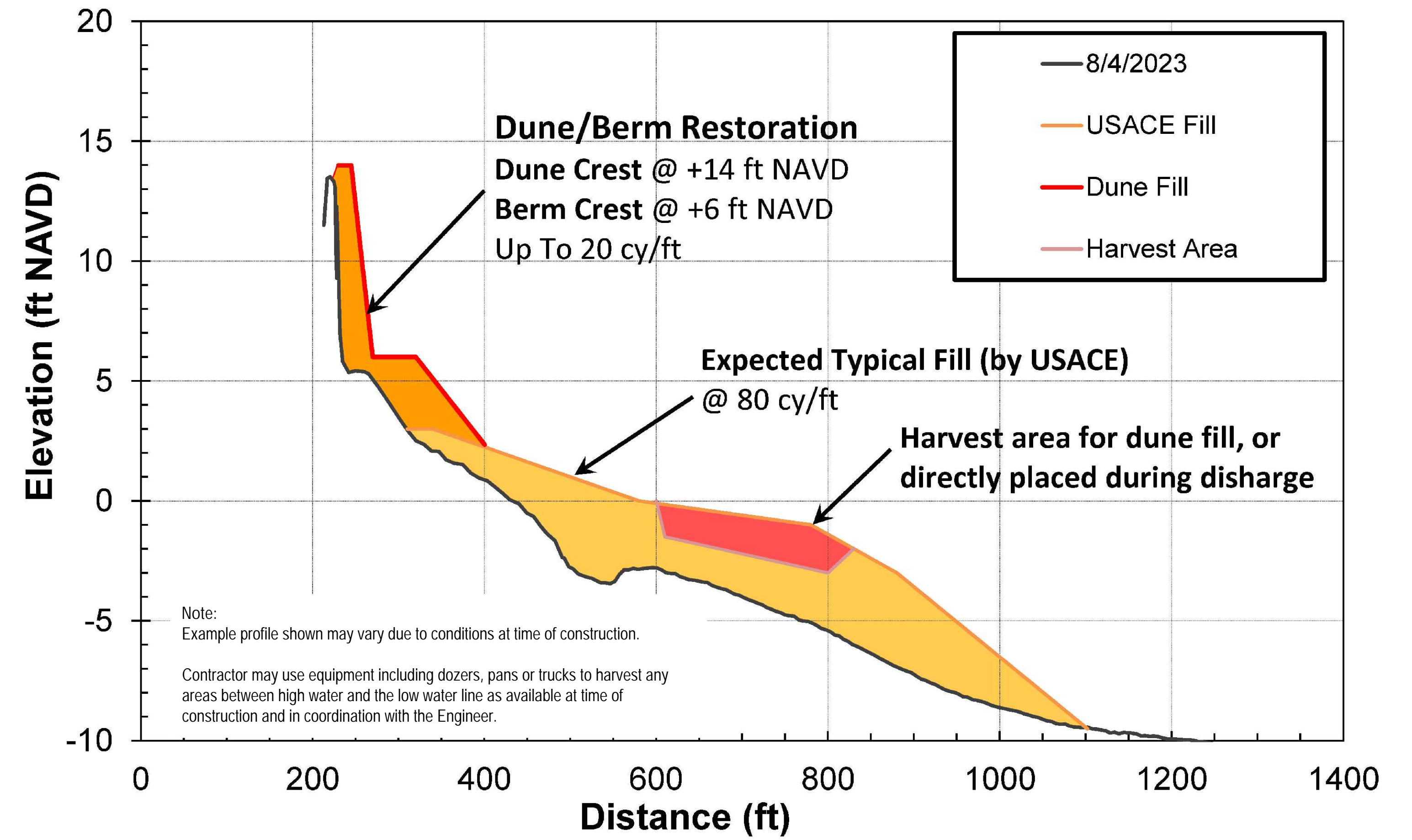
Area B
 Volume: 62,500 cy
 Typical dune crest 15' wide @ +14' NAVD
 Typical berm width varies (-50' wide) @ +6' NAVD

Note:
 The sand source will be provided by USACE from the FY24 beneficial use sediment rehandling at Breach Inlet, AIWW project No.9674 (Sheet C03)

Material Source: PA 1056S W-C
 (AIWW adjacent to Swinton Creek)

Contractor may use equipment including dozers, pans or trucks to harvest any areas between high water and the low water line as available at time of construction and in coordination with the Engineer.

Typical Harvest/Fill Section



Project Survey Datum:
 Horizontal: NSRS 2011 South Carolina State Planes, Intrnl Foot
 Vertical: NAVD '88 (Feet)



CLIENT:
 Town of Sullivan's Island 2056 Middle Street Sullivan's Island, SC 29482
 City of Isle of Palms 1207 Palm Blvd Isle of Palms SC 29451

PROJECT:
 USACE Supplemental Dune Restoration
 Town of Sullivan's Island & City of Isle of Palms
 Charleston County, South Carolina

DRAWING TITLE:
 Fill Area B Plan
 Sullivan's Island

SCALE: AS SHOWN
 DATE: 20 Aug 2024
 DRAWN BY: Hair
 APPROVED BY: Traynum
 PROJECT #: 2602

SHEET NO:
 02