



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PHILADELPHIA DISTRICT
100 PENN SQUARE EAST
PHILADELPHIA PENNSYLVANIA 19107-3390

September 29, 2022

Regulatory Branch

SUBJECT: Nationwide Permit #23 Verification NAP-2022-01042-95
New Jersey Department of Transportation – Replacement of Route 47 Bridge
over Big Timber Creek in the Borough of Brooklawn, Camden County, and
the Borough of Westville, Gloucester County, New Jersey
Latitude: 39.874191° Longitude: -75.124026°

New Jersey Department of Transportation
Bureau of Landscape Architecture and Environmental Solutions
Attn: Ms. Brenna N. Fairfax
1035 Parkway Avenue, P.O. Box 600
Trenton, New Jersey 08625

Dear Ms. Fairfax:

This letter is written in regard to your proposal to undertake the Federal Highway Administration-funded replacement of the Route 47 bridge over Big Timber Creek, with associated stormwater drainage, roadway approach, and utility line reconstruction and improvements. This project is located in the Borough of Brooklawn in Camden County and the Borough Westville in Gloucester County, both in New Jersey, between Route 47 Mile Posts 74.90 and 75.20. Based upon our review of the information that has been provided, it has been determined that the proposed work is authorized by Department of the Army Nationwide Permit (NWP) #23 Approved Categorical Exclusions pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 USC 1344).

This verification of authorization under NWP #23 Approved Categorical Exclusions, described in the Federal Register at 86 FR 2744, is based on your agreement to comply with the general conditions, regional conditions and project specific special conditions listed in this letter. Copies of the NWP descriptions, NWP general conditions and the NWP regional conditions for New Jersey can be found at:

2021 NWP Descriptions:

<https://www.nap.usace.army.mil/Portals/39/docs/regulatory/nwp/2021/2021%20Nationwide%20Permit%20Descriptions.pdf?ver=I9Q-01ACnifs0CJ2ADPpug%3d%3d>

2021 NWP General Conditions:

https://www.nap.usace.army.mil/Portals/39/docs/regulatory/nwp/2021/2021%20Nationwide%20Permit%20General%20Conditions.pdf?ver=3uSN7FMt20_TVqVMcZFtZw%3d%3d

3d

2021 New Jersey Regional Conditions:

https://www.nap.usace.army.mil/Portals/39/docs/regulatory/nwp/2021/New%20Jersey%202021%20Nationwide%20Permit%20Regional%20Conditions.pdf?ver=TL1kEXVya6U_QF6lt7W11q%3d%3d

Federal permits require a concurrence from the State that the activity is consistent with the State's coastal zone management (CZM) program if the activity is located within or affects the State's coastal zone. Because the State of New Jersey has denied general CZM consistency concurrence for all the 2021 NWP's, an individual CZM consistency concurrence would be required. The required individual CZM consistency concurrence has been issued by the NJDEP. Therefore, no further action is required related to a CZM consistency concurrence for this verification.

Federal permits also require the State's certification of compliance with Section 401 of the Clean Water Act through the receipt of a 401 Water Quality Certification (WQC) if the activity involves a Section 404 discharge. Because the NJDEP has denied general WQC for all 2021 NWP's, an individual WQC would be required. The required individual WQC has been issued by the NJDEP. Therefore, no further action is required related to a WQC for this verification.

This verification of NWP authorization is valid until the 2021 Nationwide Permits expire on **March 15, 2026**, unless the NWP authorization is modified, suspended, or revoked prior to this date. In the event that the NWP authorization is modified during that time period, this expiration date will remain valid, provided the activity complies with any subsequent modification of the NWP authorization.

Activities which have commenced (i.e. are under construction) or are under contract to commence in reliance upon an NWP will remain authorized provided the activity is completed within twelve months of the date of an NWP's expiration, modification, or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 330.4(e) and 33 CFR 330.5 (c) or (d). Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

Special Conditions:

1. All work performed in association with the subject project shall be conducted in accordance with the **enclosed** project plans identified as E-1 through E-6, all entitled NAP-2022-01042-95, and all dated 27 September 2022 by USACE.
2. Construction activities shall not result in the disturbance or alteration of greater than 0.10 acres of Waters of the United States.

3. Any deviation in construction methodology or project design from that shown on the enclosed project plans must be approved by this office, in writing, prior to performance of the work. All modifications to the enclosed project plans shall be approved, in writing, by this office. No work shall be performed prior to written approval of this office.
4. This office shall be notified prior to the commencement of authorized work by completing and signing the **enclosed** "Notification of Commencement" form. This office shall also be notified within 10 days of the completion of the authorized work by completing and signing the **enclosed** "Notification of Completion" form. Notification is required each time maintenance work is to be done under the terms of this Corps of Engineers permit.
5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your general permit.
7. Any conditions in your State authorization required for compliance with the State CZM program and 401 WQC are conditions of this authorization by reference.
8. The permittee and their agents shall not store or stage construction materials or equipment within wetlands.

Also **enclosed** with this NWP verification letter is a form seeking any comments, positive or otherwise, on the procedures, timeliness, fairness, etc. of the permit process. You may forward your comments along with the signed "Notification of Commencement" form or "Notification of Completion" form, following the directions provided on the form. If you should have any questions or concerns, please contact me at (215) 656-6729 or via email at robert.youhas@usace.army.mil.

Sincerely,

Robert Youhas
Biologist, Application Section II

Enclosures

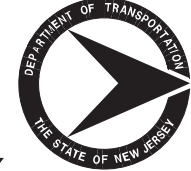
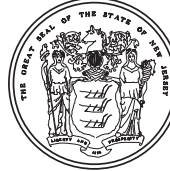
PROJECT PLANS

N:\042222\01042-95\01042-95.dwg
 DATE: 09/27/22 10:48 AM
 USER: JHAGGERTY

DESIGNED BY: JHAGGERTY
 CHECKED BY: JHAGGERTY

DRAWN BY: JHAGGERTY

P. WOODS



State of New Jersey
Department of Transportation
 PLANS OF
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK

STATE	FEDERAL PROJECT NO.
N.J.	NHP-0047(3)2

UTILITIES	
BROOKLAWN WATER & SEWER DEPARTMENT (WATER & SANITARY SEWER)	
COMCAST (CTV)	
PUBLIC SERVICE ELECTRIC & GAS (ELECTRIC)	
PUBLIC SERVICE ELECTRIC & GAS (GAS)	
PUBLIC SERVICE ELECTRIC & GAS (TRANSMISSION)	
VERIZON (TELEPHONE/COMMUNICATIONS)	
WESTVILLE WATER & SEWER DEPARTMENT (WATER & SANITARY SEWER)	
IBER TECHNOLOGIES NETWORK	

BRIDGES IN THIS CONTRACT	
1	Structure No. 0815-152, Route 47 over Big Timber Creek

WALLS IN THIS CONTRACT	
1	Wall No. 1 Between Penn. Ave & Route 47 Bridge over Big Timber Creek
2	Wall No. 2 Between Route 47 Bridge over Big Timber Creek & U.S. Route 130
3	Wall No. 3 Between Route 47 Bridge over Big Timber Creek & U.S. Route 130

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	KEY
2	PLAN SHEET INDEX
3-5	NATIONWIDE PERMIT NO. 23 PERMIT PLANS
6	BRIDGE GENERAL PLAN AND ELEVATION

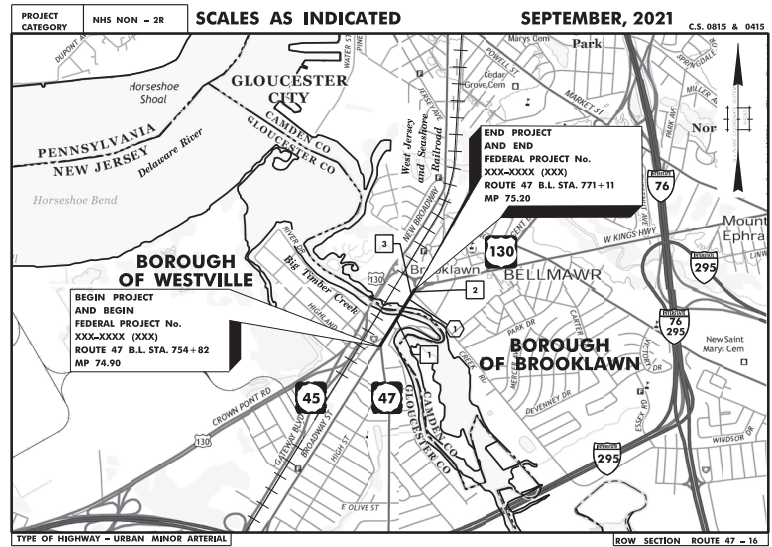
FROM THE VICINITY OF BROADWAY TO
 THE VICINITY OF U.S. ROUTE 130

CONTRACT NO. 074113710
GRADING, PAVING & STRUCTURES

BOROUGH OF WESTVILLE GLOUCESTER COUNTY
 BOROUGH OF BROOKLAWN CAMDEN COUNTY

UNITED STATES ARMY
CORPS OF ENGINEERS
NATIONWIDE PERMIT NO. 23
PERMIT PLANS

SUMMARY OF IMPACTS			
IMPACT TYPE	PERMANENT	TEMPORARY	TOTAL
TIDAL OPEN WATER	5,141 (SF) 0,118 (AC)	36,401 (SF) 0,836 (AC)	41,542 (SF) 0,954 (AC)
WETLANDS	881 (SF) 0,02 (AC)	0	881 (SF) 0,02 (AC)
TIDAL CREATION	1,949 (SF) 0,044 (AC)	0	1,949 (SF) 0,044 (AC)



STANDARD ROADWAY CONSTRUCTION TRAFFIC CONTROL BRIDGE CONSTRUCTION DETAILS BOOKLET, 2016 (ENGLISH), AND STANDARD ELECTRICAL DETAILS BOOKLET, JULY 2016 (ENGLISH), ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.

MID-POINT OF PROJECT
 LONGITUDE: 75 ° 06' 26" W
 LATITUDE: 39 ° 47' 17" N

AUGUST, 2022

TOTAL LENGTH OF PROJECT = 1584 FEET OR 0.30 MILES
TOTAL LENGTH OF FEDERAL PROJECT NO. NHP-XXXX(XXX) = 1584 FEET OR 0.30 MILES
2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO GOVERN

Submitted by _____ Date _____
 Director, Division Of Project Management

Approved by _____ Date _____
 State Transportation Engineer

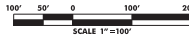
CHANGES MADE TO THESE PLANS SINCE SIGNATURE BY THE CONSULTANT MAY BE DETERMINED BY COMPARISON OF THE PLANS FILED AT THE DEPARTMENT AND THOSE FILED WITH THE OFFICE OF THE CONSULTANT

Stantec Consulting Services Inc.
 C.O.A. No. 24623804400

WILLIAM J. HAGGERTY
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 246E03748300

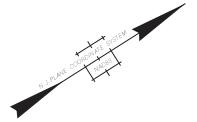
E-2 NAP-2022-01042-95 27 September 2022

BOROUGH OF WESTVILLE
BOROUGH OF BROOKLAWN



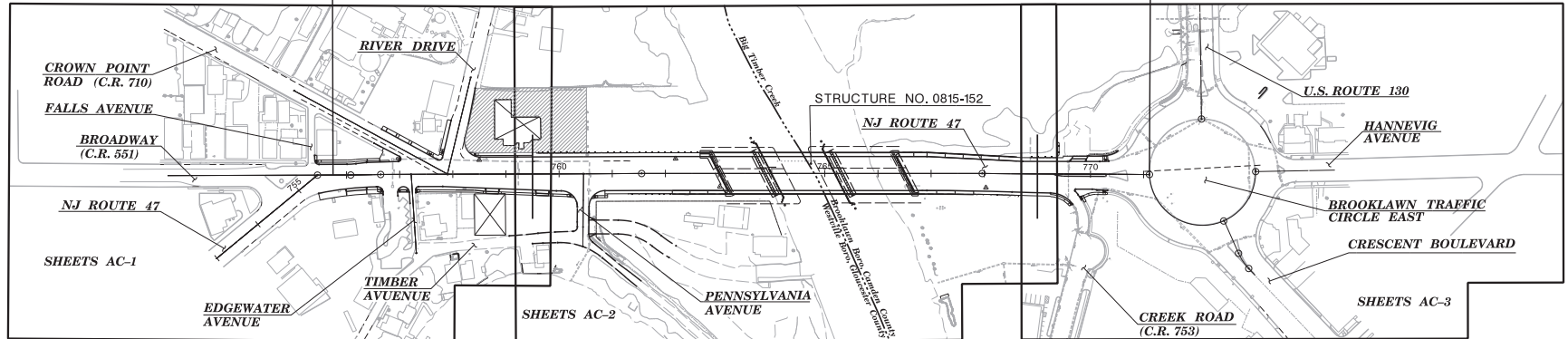
COUNTY OF GLOUCESTER
COUNTY OF CAMDEN

STATE	FEDERAL PROJECT NO.
N.J.	NHP-2047(3)2



BEGIN PROJECT AND
BEGIN FEDERAL PROJECT
NO. XXX-XXX(XXX)
N.J. ROUTE 47 B.L. STA. 754+82
M.P. 74.90

END PROJECT AND
END FEDERAL PROJECT
NO. XXX-XXX(XXX)
N.J. ROUTE 47 B.L. STA. 771+11
M.P. 75.20



DESIGNED BY: [Name] DATE: [Date]
 CHECKED BY: [Name] DATE: [Date]
 DRAWN BY: [Name] DATE: [Date]
 SCALE: [Scale]
 SHEET NO.: [Sheet No.] OF [Total Sheets]
 PROJECT NO.: [Project No.]
 CLIENT: [Client Name]
 STANTEC CONSULTING SERVICES INC.

LEGEND

SHEET FH = FLOOD HAZARD AREA AND RIPARIAN IMPACT PLAN
SHEET WL = FRESHWATER AND COASTAL WETLANDS IMPACT PLAN

NEW JERSEY DEPARTMENT OF TRANSPORTATION

PLAN SHEET INDEX

ROUTE 47 BRIDGE OVER BIG TIMBER CREEK
CONTRACT NO. 074113710

Stantec Consulting Services Inc.
C.O.A. No. 24GA28054600

WILLIAM J. HAGGERTY
N.J. P.E. LIC. NO. 24GE03748300

PSI-1
PSI-1

2
6



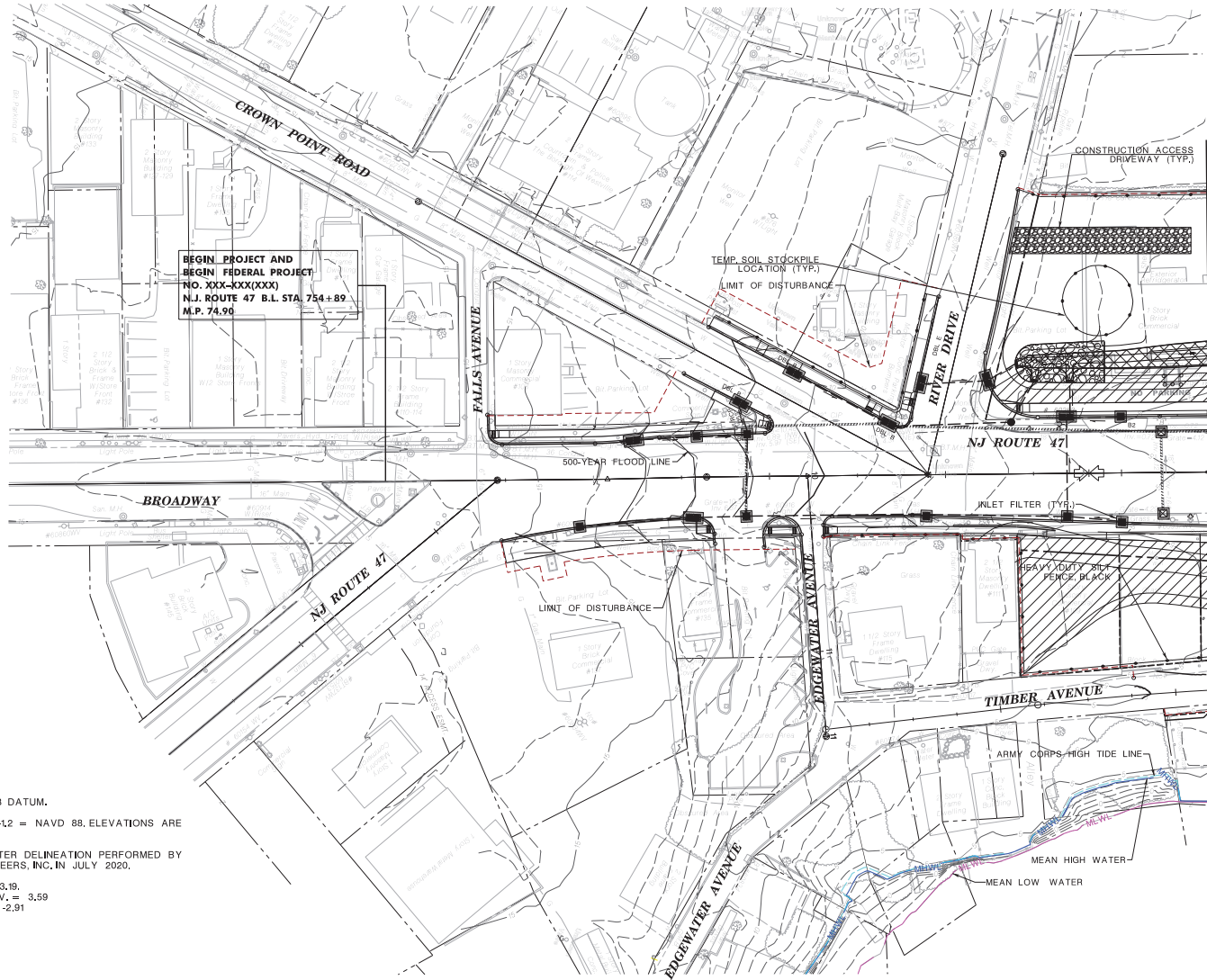
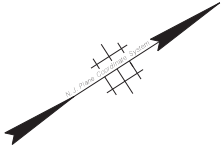
E-3 NAP-2022-01042-95 27 September 2022

BOROUGH OF WESTVILLE



COUNTY OF GLOUCESTER

STATE	FEDERAL PROJECT NO.
N.J.	NHP-2047(3)2



BEGIN PROJECT AND
BEGIN FEDERAL PROJECT
NO. XXX-XXX(XXX)
N.J. ROUTE 47 B.L. STA. 754+89
M.P. 74.98

PLAN LEGEND	
	HEAVY DUTY SILT FENCE-BLACK
	HEAVY DUTY SILT FENCE-ORANGE
	MEAN HIGH WATER LINE
	MEAN LOW WATER LINE
	ARMY CORPS HIGH TIDE LINE
	TURBIDITY BARRIER
	FLAG LOCATION AND ID
	PHOTOGRAPH LOCATION
	DATA POINT LOCATION
	TOP OF BANK
	LIMIT OF FRESHWATER WETLANDS
	LIMIT OF DISTURBANCE
	INLET FILTER
	PERMANENT STABILIZATION MATTING TYPE 2
	TEMPORARY STABILIZATION MATTING TYPE 1

NOTES:

- ELEVATIONS ARE IN NAVD 88 DATUM.
- DATUM CONVERSION: NGVD29-12 = NAVD 88. ELEVATIONS ARE NAVD 1988.
- WETLAND / STATE OPEN WATER DELINEATION PERFORMED BY STANTEC CONSULTING ENGINEERS, INC. IN JULY 2020.
- MEAN HIGH WATER ELEV. = 3.19,
ARMY COPRS HIGH TIDE ELEV. = 3.59
MEAN LOW WATER ELEV. = -2.91

NEW JERSEY DEPARTMENT OF TRANSPORTATION

NATIONWIDE PERMIT NO. 23
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK
CONTRACT NO. 074113710

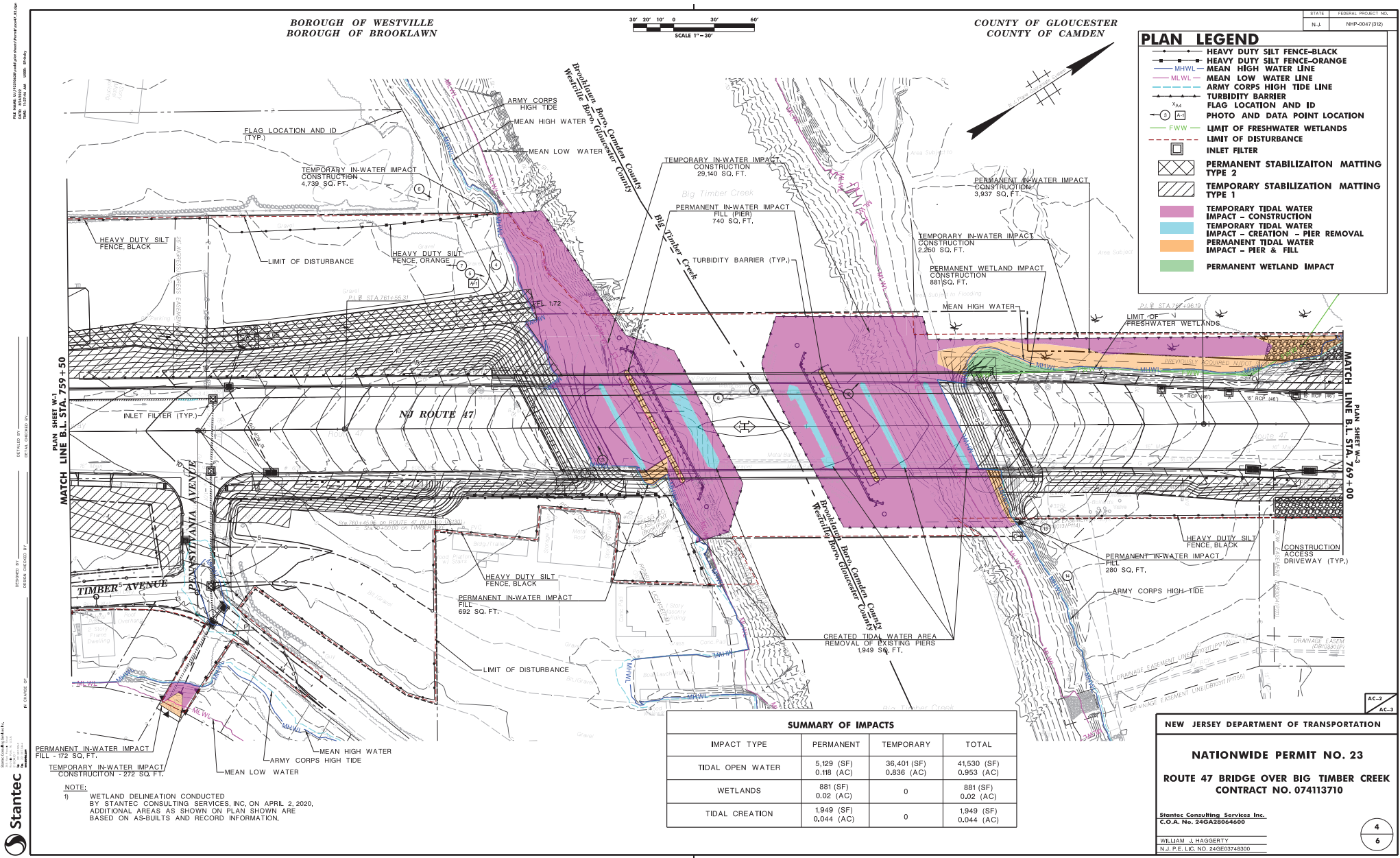
Stantec Consulting Services Inc.
C.O.A. No. 24GA28064600

WILLIAM J. HAGGERTY
N.J. P.E. LIC. NO. 24GE03748300

AC-1
AC-3

3
6

E-4 NAP-2022-01042-95 27 September 2022



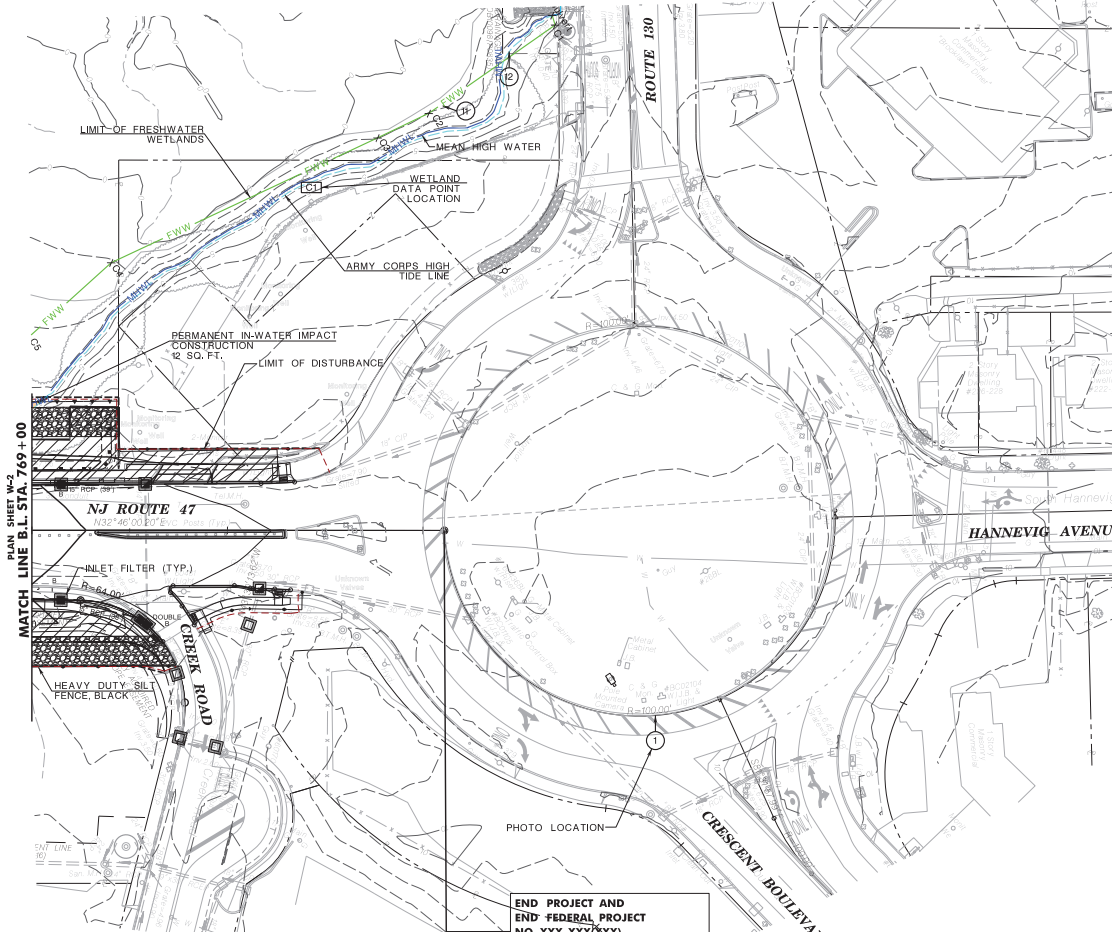
E-5 NAP-2022-01042-95 27 September 2022

BOROUGH OF BROOKLAWN



COUNTY OF CAMDEN

STATE	FEDERAL PROJECT NO.
N.J.	NHP-5047(3)2



PLAN LEGEND

- HEAVY DUTY SILT FENCE-BLACK
- HEAVY DUTY SILT FENCE-ORANGE
- MEAN HIGH WATER LINE
- MEAN LOW WATER LINE
- ARMY CORPS HIGH TIDE LINE
- TURBIDITY BARRIER
- FLAG LOCATION AND ID
- PHOTO AND DATA POINT LOCATION
- LIMIT OF FRESHWATER WETLANDS
- FRESHWATER WETLAND TRANSITION AREA
- LIMIT OF DISTURBANCE
- INLET FILTER
- PERMANENT STABILIZATION MATTING TYPE 2
- TEMPORARY STABILIZATION MATTING TYPE 1

PLAN SHEET W-2
MATCH LINE B.L. STA. 769+00

END PROJECT AND
END FEDERAL PROJECT
NO. XXX-XXX(XXX)
N.J. ROUTE 47 B.L. STA. 771+11
M.P. 75.20

SUMMARY OF IMPACTS			
IMPACT TYPE	PERMANENT	TEMPORARY	TOTAL
TIDAL OPEN WATER	12 (SF) 0.001 (AC)	0	12 (SF) 0.001 (AC)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

NATIONWIDE PERMIT NO. 23

ROUTE 47 BRIDGE OVER BIG TIMBER CREEK
CONTRACT NO. 074113710

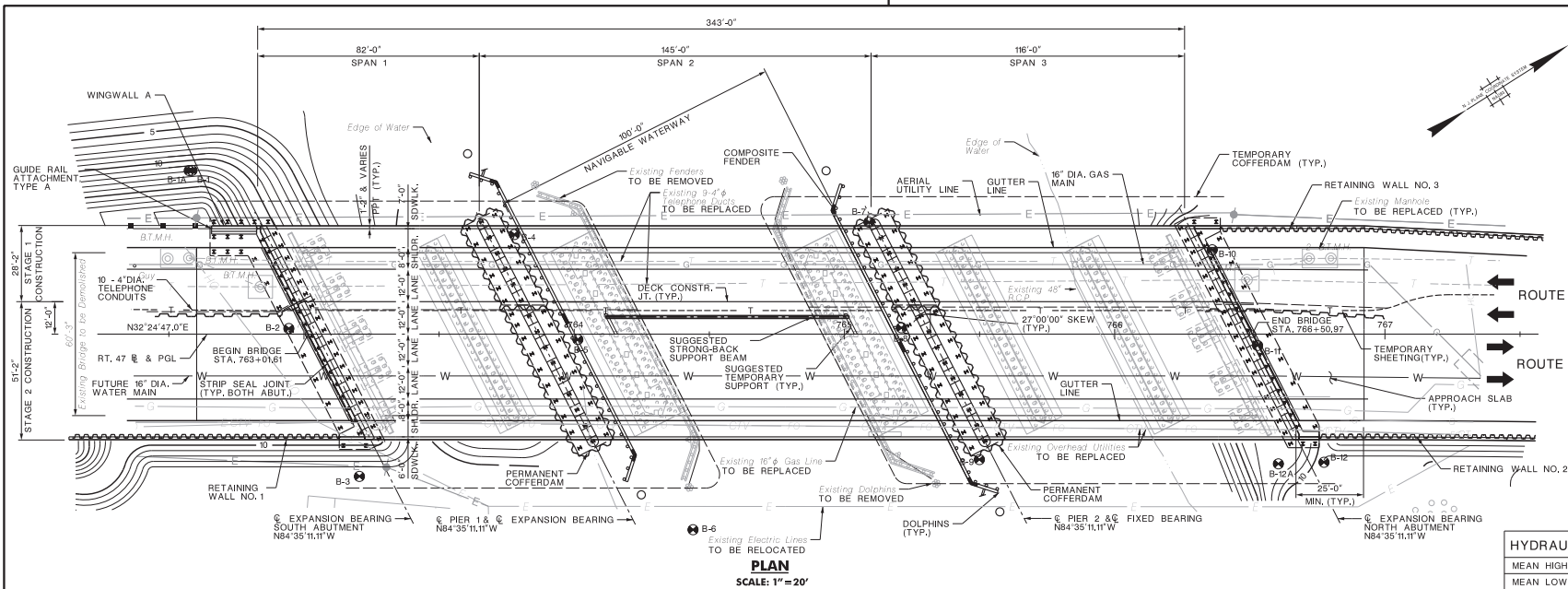
Stantec Consulting Services Inc.
C.O.A. No. 24GA28064600

WILLIAM J. HAGGERTY
N.J. P.E. LIC. NO. 24GE03748300

PREPARED BY: STANTEC CONSULTING SERVICES INC. (DATE: 09/27/2022)
 CHECKED BY: STANTEC CONSULTING SERVICES INC. (DATE: 09/27/2022)
 DESIGNED BY: STANTEC CONSULTING SERVICES INC. (DATE: 09/27/2022)
 DRAWN BY: STANTEC CONSULTING SERVICES INC. (DATE: 09/27/2022)



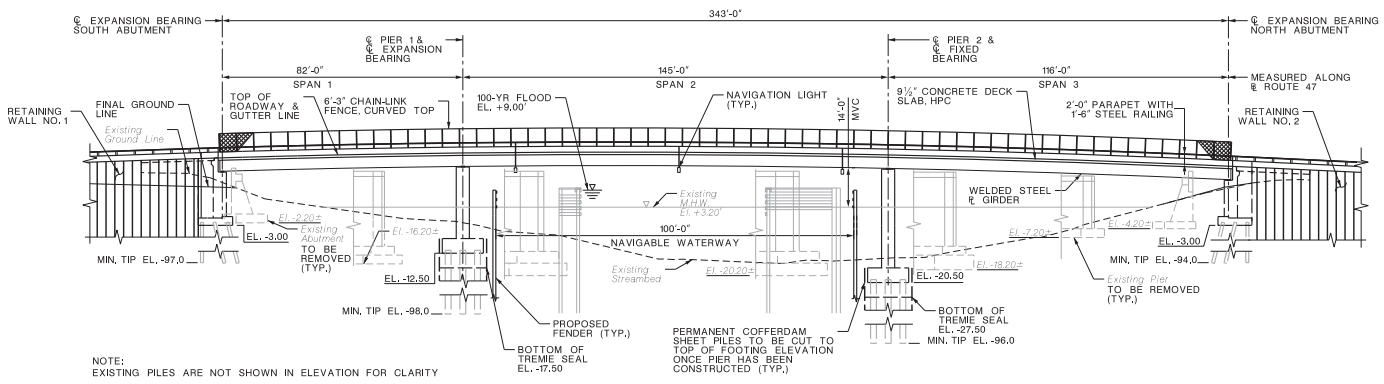
E-6 NAP-2022-01042-95 27 September 2022



STATE	FEDERAL PROJECT NO.	SHEET	TOTAL SHEETS
N.J.	NRP-0047(3)R	186	186
STRUCTURE NO. 0815-152			
STRUCTURE NAME ROUTE 47 OVER BIG TIMBER CREEK			

MEAN HIGH WATER (M.H.W.) EL.	+3.20
MEAN LOW WATER (M.L.W.) EL.	-2.91
DRAINAGE AREA (SQ. MI)	57.0
DESIGN DISCHARGE (C.F.S.)	8,938
DESIGN WATER SURFACE EL.	+9.00
ENERGY LINE EL. (FT)	10.97
FREQUENCY	100 YR + 25%

LOCATION	ELEVATION (FEET)
NORTH ABUTMENT	-5.40
PIER 1	-21.90
PIER 2	-34.80
SOUTH ABUTMENT	-5.40



LEGEND

⊕ BORING LOCATION

REFERENCES:

- FOR TYPICAL SECTION OF THE BRIDGE AND ROADWAY PROFILE, SEE SHEET B-4.
- FOR INDEX OF DRAWINGS AND GENERAL NOTES, SEE SHEET B-5.

**NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING**

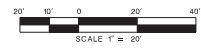
**GENERAL PLAN AND ELEVATION
ROUTE 47 BRIDGE OVER BIG TIMBER CREEK
CONTRACT NO. 074113710**

**BOROUGH OF BROOKLAWN CAMDEN COUNTY
BOROUGH OF WESTVILLE GLOUCESTER COUNTY**



CONTROL SECTION	JUN	CHK. BY	A.GRUNAU
DES. BY	JUN	CHK. BY	A.GRUNAU
OWN. BY	JUN	CHK. BY	A.GRUNAU
EST. BY	JUN	CHK. BY	A.GRUNAU
SPECS. BY	JUN	CHK. BY	A.GRUNAU

IN CHARGE OF: A. DENHO



REVISION	BY	C/K/D	DATE

Stantec Consulting Services Inc.
CERT. AUTHORITY NO. 340A0006600

WILLIAM J. HAGERTY
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 340A0006600

BRIDGE SHEET NO. B-3 OF B-64

ENCLOSURE 1

NOTIFICATION/CERTIFICATION OF WORK COMMENCEMENT FORM

Permit Number: CENAP-OPR-2022-01042-95
Name of Permittee: New Jersey Department of Transportation
Project Name: Replacement of Route 47 Bridge over Big Timber Creek
Waterway: Big Timber Creek
County: Camden and Gloucester State: New Jersey
Compensation/Mitigation Work Required: Yes No

TO: U.S. Army Corps of Engineers, Philadelphia District
Wanamaker Building – 100 Penn Square East
Philadelphia, Pennsylvania 19107-3390
Attention: CENAP-OPR

I have received authorization to: undertake the Federal Highway Administration-funded replacement of the Route 47 bridge over Big Timber Creek, with associated stormwater drainage, roadway approach, and utility line reconstruction and improvements. This project is located in the Borough of Brooklawn in Camden County, and the Borough Westville in Gloucester County, New Jersey, between Route 47 Mile Posts 74.90 and 75.20.

The work will be performed by:

Name of Person or Firm: _____

Address: _____

I hereby certify that I have reviewed the approved plans, have read the terms and conditions of the above referenced permit, and shall perform the authorized work in strict accordance with the permit document. The authorized work will begin on or about _____ and should be completed on or about _____.

Please note that the permitted activity is subject to compliance inspections by the Army Corps of Engineers. If you fail to return this notification form or fail to comply with the terms or conditions of the permit, you are subject to permit suspension, modification, revocation, and/or penalties.

Permittee (Signature and Date)

Telephone Number

Contractor (Signature and Date)

Telephone Number

NOTE: This form shall be completed/signed and returned to the Philadelphia District Office prior to commencing work.

ENCLOSURE 2

NOTIFICATION/CERTIFICATION OF WORK COMPLETION/COMPLIANCE FORM

Permit Number: CENAP-OPR-2022-01042-95
Name of Permittee: New Jersey Department of Transportation
Name of Contractor: _____
Project Name: Replacement of Route 47 Bridge over Big Timber Creek
County: Camden and Gloucester State: New Jersey
Waterway: Big Timber Creek

Within 10 days of completion of the activity authorized by this permit, please sign this certification and return it to the following address:

U.S. Army Corps of Engineers, Philadelphia District
Wanamaker Building - 100 Penn Square East
Philadelphia, Pennsylvania 19107-3390
Attention: CENAP-OPR

Please note that the permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to return this notification form or fail to perform work in compliance with the permit, you are subject to administrative, civil and/or criminal penalties. Further, the subject permit may be suspended or revoked.

The authorized work was commenced on _____.

The authorized work was completed on _____.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the above noted permit.

Signature of Contractor

Signature of Permittee

Address: _____

Address: _____

Telephone Number: _____

Telephone Number: _____

For project located in areas identified as shellfish habitat, you must include with this form a bill of lading; sales order or any other document(s) demonstrating non-polluting materials were purchased and utilized for your project. I hereby certify that I and/or my contractor have utilized non-polluting materials as defined in the above noted permit.

Signature of Contractor

Signature of Permittee

ENCLOSURE 3



**US Army Corps
of Engineers**
Philadelphia District

We are soliciting your views and comments concerning the processing of your Department of the Army permit application request. Any input, positive or otherwise, on procedures, timeliness, fairness, etc., would be appreciated.

Please write your comments in the space provided below and return to the Philadelphia District Regulatory Branch at PhiladelphiaDistrictRegulatory@usace.army.mil or if you do not have the means to return this form electronically you may print this document and mail to:

U.S. Army Corps of Engineers
Philadelphia District
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
Attn: Regulatory Branch

FILE NUMBER: _____
(Example CENAP-OP-R-2020-01234-56)

COMMENTS:

Thank you for taking the time to provide feedback which we can use to acknowledge great performance, correct problems and generally improve our business practices.