



**US Army Corps
of Engineers®**

PUBLIC NOTICE

Applicant:
Derrick Hallahan
National Railroad Passenger
Corporation (Amtrak)

Published: July 14, 2025
Expires: August 13, 2025

**New York District
Permit Application No. NAN-2025-000280-MBR**

TO WHOM IT MAY CONCERN: The New York District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403), as amended (33 U.S.C. 1413). The purpose of this public notice is to solicit comments from the public regarding the work described below:

APPLICANT: Derrick Hallahan
National Railroad Passenger Corporation (Amtrak)
1 Penn Plaza, 250 W 34th St, 5th Floor
New York, NY 10119

AGENT: Anthony Velasquez
HNTB Corporation
9 Entin Road, Suite 202
Parsippany, NJ 07054

WATERWAY AND LOCATION: The project would affect waters of the United States and navigable waters of the United States associated with Cedar Creek Marsh South. The project/review area is located in the open water of Cedar Creek Marsh South, immediately adjacent Amtrak's Northeast Corridor line in the Town of Kearny, Hudson County, New Jersey.

EXISTING CONDITIONS: Shallow open water in industrial zone

PROJECT PURPOSE:

Overall: The purpose of the project is to (1) enhance the resiliency of the electricity supply to NJT and Amtrak infrastructure which serves key commuter rail and intercity passenger rail markets in the New York and New Jersey metropolitan region, (2) to minimize public transportation service disruptions, and (3) to facilitate emergency transportation. The need for the project is based, in part, on the vulnerability of the existing centralized power distribution system's commercial electric power grid that serves Amtrak's NEC intercity passenger and NJT's commuter rail service. The region's

public transportation infrastructure is vulnerable to power outages if the power feed is compromised, such as during severe weather events.

PROPOSED WORK: The applicant requests authorization for construction of an elevated platform for an electric substation at 40.744497, -74.119884, Town of Kearny, Hudson County, New Jersey.

The proposed work would involve construction of an elevated platform approximately one acre in size, consisting of precast reinforced concrete girders supported by (143) 30-inch-diameter steel pipe piles filled with approximately 147 cubic yards (CY) of concrete. Spanning the concrete girders will be 5-foot-wide precast concrete panels with a cast in place concrete topping slab forming the platform deck. Construction of access roads will include an additional 3,849 cubic yards of temporary fill over 0.477 acres and 148 cubic yards of permanent fill over 0.036 acres.

AVOIDANCE AND MINIMIZATION: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment: The applicant will use appropriate erosion control features such as a turbidity curtain around the work area.

COMPENSATORY MITIGATION: The applicant has provided the following explanation why compensatory mitigation should not be required: there are no permanent impacts to the aquatic environment proposed as a result of the project.

CULTURAL RESOURCES:

The Corps evaluated the undertaking pursuant to Section 106 of the National Historic Preservation Act (NHPA) utilizing its existing program-specific regulations and procedures along with 36 CFR Part 800. The Corps' program-specific procedures include 33 CFR 325, Appendix C, and revised interim guidance issued in 2005 and 2007, respectively. The District Engineer consulted district files and records and the latest published version of the National Register of Historic Places and initially determines that: No historic properties (i.e., properties listed in or eligible for inclusion in the National Register of Historic Places) are present within the Corps' permit area therefore, there will be no historic properties affected.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

ENDANGERED SPECIES: The Corps has performed an initial review of the application, the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), National Marine Fisheries Service (NMFS) Greater Atlantic Region Section 7 Mapper, and/or the NMFS Critical Habitat Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur in the vicinity of the proposed project. Based on

this initial review, the Corps has made a preliminary determination that the proposed project will not affect any listed species or critical habitat.

Pursuant to Section 7 ESA, any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

This notice serves as request to the U.S. Fish and Wildlife Service for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

ESSENTIAL FISH HABITAT: Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

The Corps intends to initiate Essential Fish Habitat (EFH) consultation separately from this public notice. A separate EFH consultation package will be sent to the National Marine Fisheries Service (NMFS). The Corps will not make a permit decision until the consultation process is complete.

Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

NAVIGATION: The proposed structure or activity is not located in the vicinity of a federal navigation channel.

SECTION 408: The applicant will not require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would not alter, occupy, or use a Corps Civil Works project.

WATER QUALITY CERTIFICATION: Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

COASTAL ZONE MANAGEMENT ACT: Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New Jersey state, the applicant's

certification and accompanying information is available from the New Jersey Department of Environmental Protection, Coastal Management Program, P.O. Box 418, 401 E. State Street, Trenton, NJ, 08625, Telephone (609) 633-2201. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has not been verified by Corps personnel.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food, and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

OTHER AUTHORIZATIONS: In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- N/A

COMMENTS: The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other Interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). Comments are

also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New York District will receive written comments on the proposed work, as outlined above, until the expiration date of this public notice. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Jeffrey Branham at Jeffrey.J.Branham@usace.army.mil. Please refer to the permit application number in your comments.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

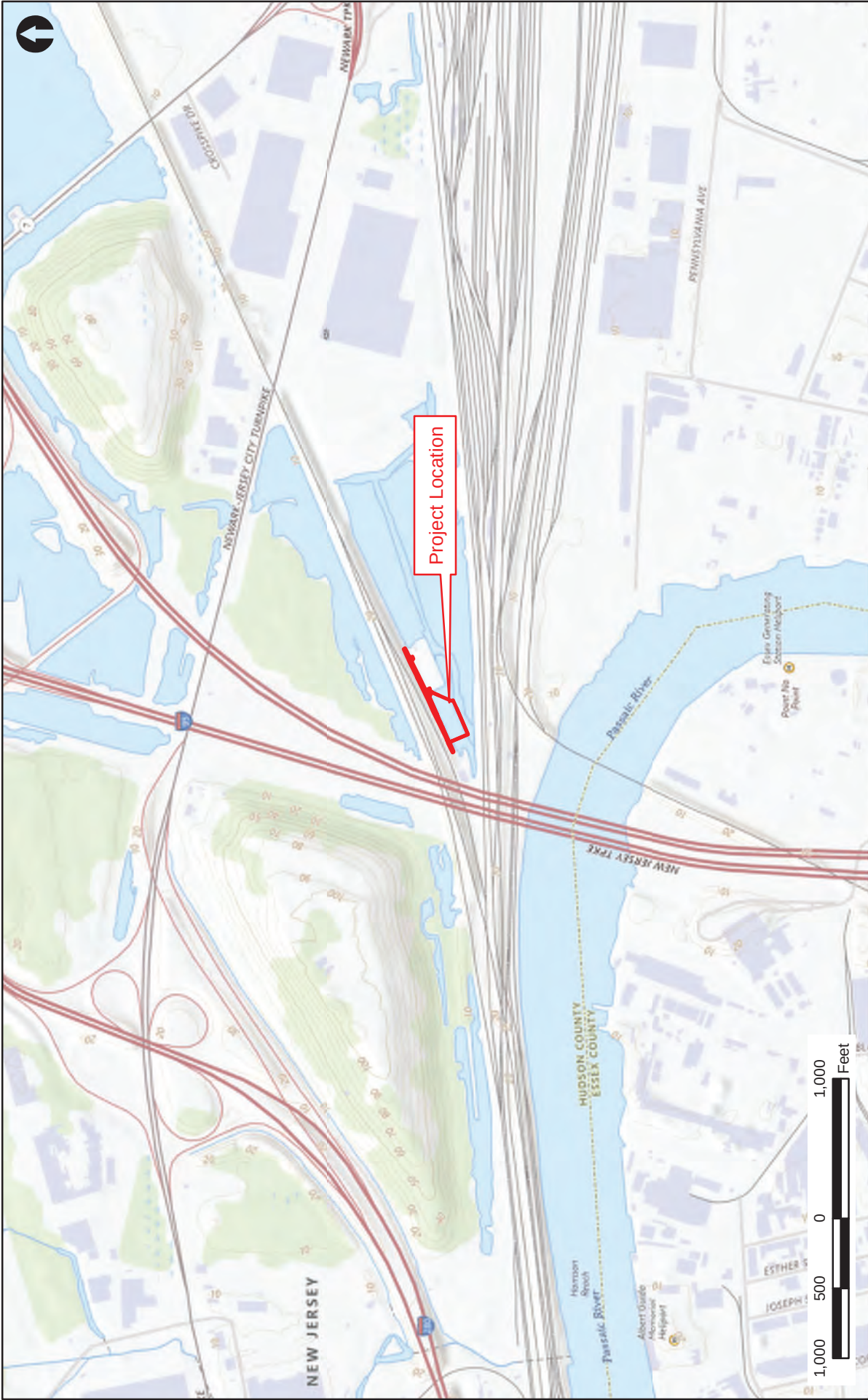
Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

In order for us to better serve you, please complete our Customer Service Survey located at <https://www.nan.usace.army.mil/Missions/Regulatory/Customer-Survey/>.

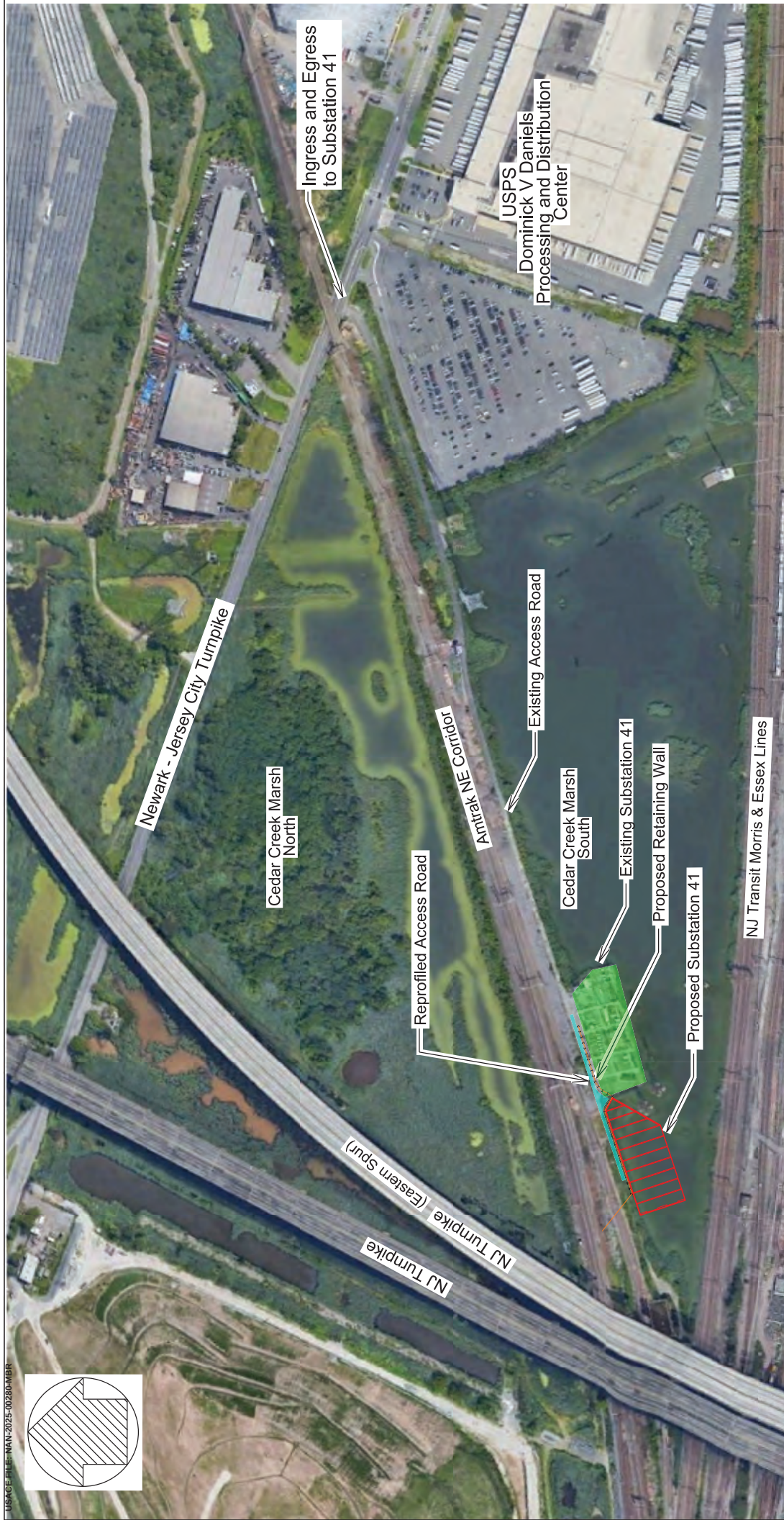
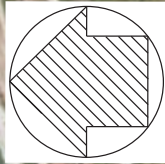
For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.



FOR AND IN BEHALF OF
Stephan A. Ryba
Chief, Regulatory Branch



 9 Entin Road, Suite 202 Parsippany, NJ 07054		Project Location Map Amtrak Substation 41 Reconstruction Kearny Town Hudson County, New Jersey
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Satellite Source Image: Google Maps

Attachment 1

Location Map

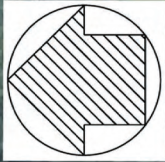
AMTRAK Kearny Substation 41 Design

The Meadowlands District
Town of Kearny, Hudson County, NJ

Note: Site locations, resource boundaries, and photograph locations are approximate.

Prepared: December 2021





Satellite Source Image: Google Maps

Attachment 2

Project Site

AMTRAK Kearny Substation 41 Design

The Meadowlands District
Town of Kearny, Hudson County, NJ

Note: Site locations, resource boundaries,
and photograph locations are approximate.

Prepared: December 2021





WETLAND IMPACT SUMMARY					
PERM. PALUSTRINE, EMERGENT (PEM-P)	TEMP. PALUSTRINE, EMERGENT (PEM-T)	PERM. LACUSTRINE, LITTORAL, EMERGENT (L2EM-P)	TEMP. LACUSTRINE, LITTORAL, EMERGENT (L2EM-T)	PERM. LACUSTRINE, LITTORAL, UNCONSOLIDATED BOTTOM (L2UB-P)	TEMP. LACUSTRINE, LITTORAL, UNCONSOLIDATED BOTTOM (L2UB-T)
527 SQ FT (0.012 ACRES)	619 SQ FT (0.014 ACRES)	308 SQ FT (0.007 ACRES)	1176 SQ FT (0.027 ACRES)	751 SQ FT (0.017 ACRES)	19899 SQ FT (0.436 ACRES)



Office of Engineering
Engineering Design
National Railroad Passenger Corporation
30TH Street Station, Philadelphia, Pennsylvania 19104

THIS WORK WAS
PREPARED UNDER
MY SUPERVISION.

DAVID N. MURRAY
PROFESSIONAL ENGINEER

24GE04153300

BINTE

HNTB Corporation
350 Fifth Ave
57th Floor
New York, NY 10119

KEARNY SUBSTATION 41
RECONSTRUCTION DESIGN

COVER SHEET		
Designed	IS	Drawn

Job No.	78506
File Name	S41-G-001
Sheet No.	1 OF 20
G-001	

SHT. NO.	DWG. NO.	DRAWING TITLE
1	C-001	COVER SHEET
2	C-002	LIST OF DRAWINGS
3	C-003	SUB 41 LOCATION PLAN & SITE MAP
CIVIL		
4	C-001	CONSTRUCTION PLAN (1 OF 2)
5	C-002	CONSTRUCTION PLAN (2 OF 2)
6	C-003	ACCESS ROAD PROFILE
7	C-004	ACCESS ROAD TYPICAL SECTION (1 OF 2)
8	C-005	ACCESS ROAD TYPICAL SECTION (2 OF 2)
9	C-006	CROSS SECTIONS (1 OF 10)
10	C-007	CROSS SECTIONS (2 OF 10)
11	C-008	CROSS SECTIONS (3 OF 10)
12	C-009	CROSS SECTIONS (4 OF 10)
13	C-010	CROSS SECTIONS (5 OF 10)
14	C-011	CROSS SECTIONS (6 OF 10)
15	C-012	CROSS SECTIONS (7 OF 10)
16	C-013	CROSS SECTIONS (8 OF 10)
17	C-014	CROSS SECTIONS (9 OF 10)
18	C-015	CROSS SECTIONS (10 OF 10)
ENVIRONMENTAL		
19	V-001	ENVIRONMENTAL PLAN (1 OF 2)
20	V-002	ENVIRONMENTAL PLAN (2 OF 2)

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Office of Engineering
Engineering Design
National Railroad Passenger Corporation
30TH Street Station, Philadelphia, Pennsylvania 19104



Approved	Date

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DAVID N. MURRAY
PROFESSIONAL ENGINEER

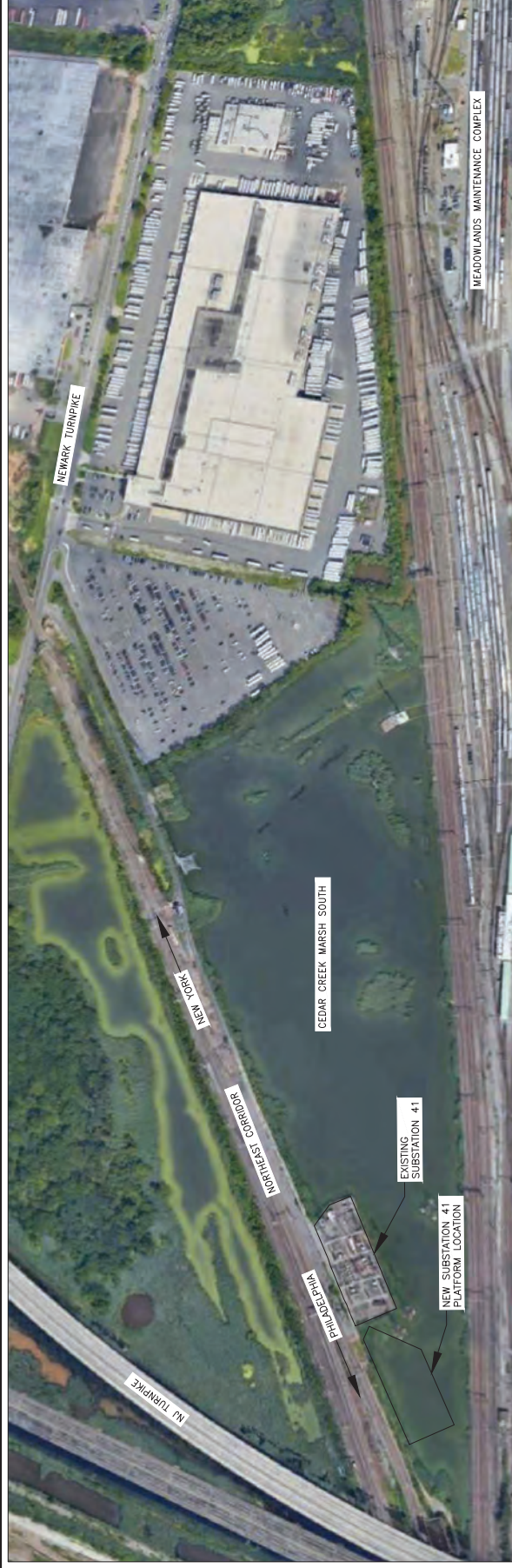
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LICENSE NO.

 HNTB Corporation 350 Fifth Ave New York, NY 10118				Job No. 78502	
KEARNY SUBSTATION #1 RECONSTRUCTION DESIGN				Draw No. G-002	
LIST OF DRAWINGS				Date 02/07/2025	
Designed	JS	Drawn	IGA	Checked	LD

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SITE MAP
SCALE 1" = 50,000'



LOCATION MAP

SCALE 1" = 125,000'

LEGEND
A - AMTRAK
C - CONTRACTOR

1. PROJECT DATUM IS NAVD 1988. FOR ELEVATION LOCATED IN KEARNY, ADD 1.135' TO CONVERT TO NGVD 1929 ELEVATION.

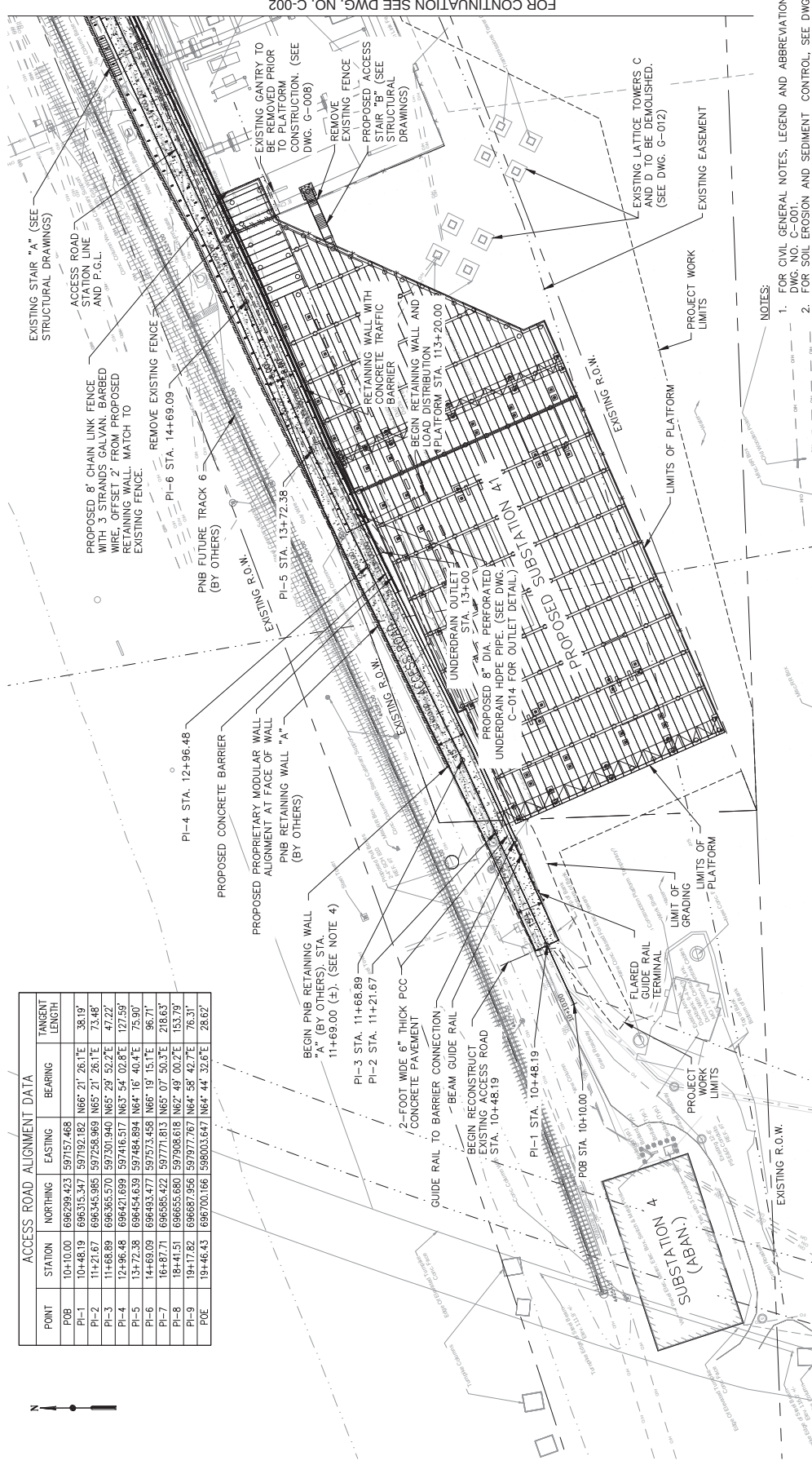
NOTES

ADJOINING BLOCK LOT OWNER STREET ADDRESS MAILING ADDRESS
284 2801 42 MONMOUTH STREET LLC KEARNEY, NJ 07032 PO BOX 80, LAKEWOOD, NJ 08701
284 29 TOWN OF KEARNEY NWK / JC TPKE--REAR KEARNEY, NJ 07032 402 KEARNEY AVE, KEARNEY NJ 07032
284 30 PSEG SERV CORP DEPT 6FL MEADOWS, KEARNEY, NJ 07032 80 PARK PLAZA, NEWARK NJ 07101
284 31 US POSTAL SERVICE NEWARK / JC TPKE KEARNEY, NJ 07032 850 NEWARK TPKE, NEWARK NJ 07032

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ACCESS ROAD ALIGNMENT DATA				
	STATION	NORTHING	EASTING	BEARING
PB0	10+10.00	69639.423	59757.468	
PB-1	10+48.19	69835.945	59732.982	N 66° 21' 26.1"
PB-2	11+21.67	69834.535	59725.969	N 65° 21' 26.1"
PB-3	11+68.89	69832.659	59730.940	N 65° 29' 52.2"
PB-4	12+36.48	69842.619	59741.916	N 63° 54' 02.8"
PB-5	13+72.38	69845.639	59744.884	N 64° 16' 40.5"
PB-6	14+69.09	69843.477	59753.458	N 66° 19' 15.1"
PB-7	16+87.17	69855.680	59771.813	N 65° 07' 50.2"
PB-8	18+41.51	69868.680	59790.618	N 62° 49' 00.2"
PB-9	19+14.82	69867.956	59781.664	N 64° 58' 42.7"
PB-10	19+46.43	69867.001	59803.647	N 64° 44' 32.2"
POL	19+47.83	69867.001	59803.647	28.62°



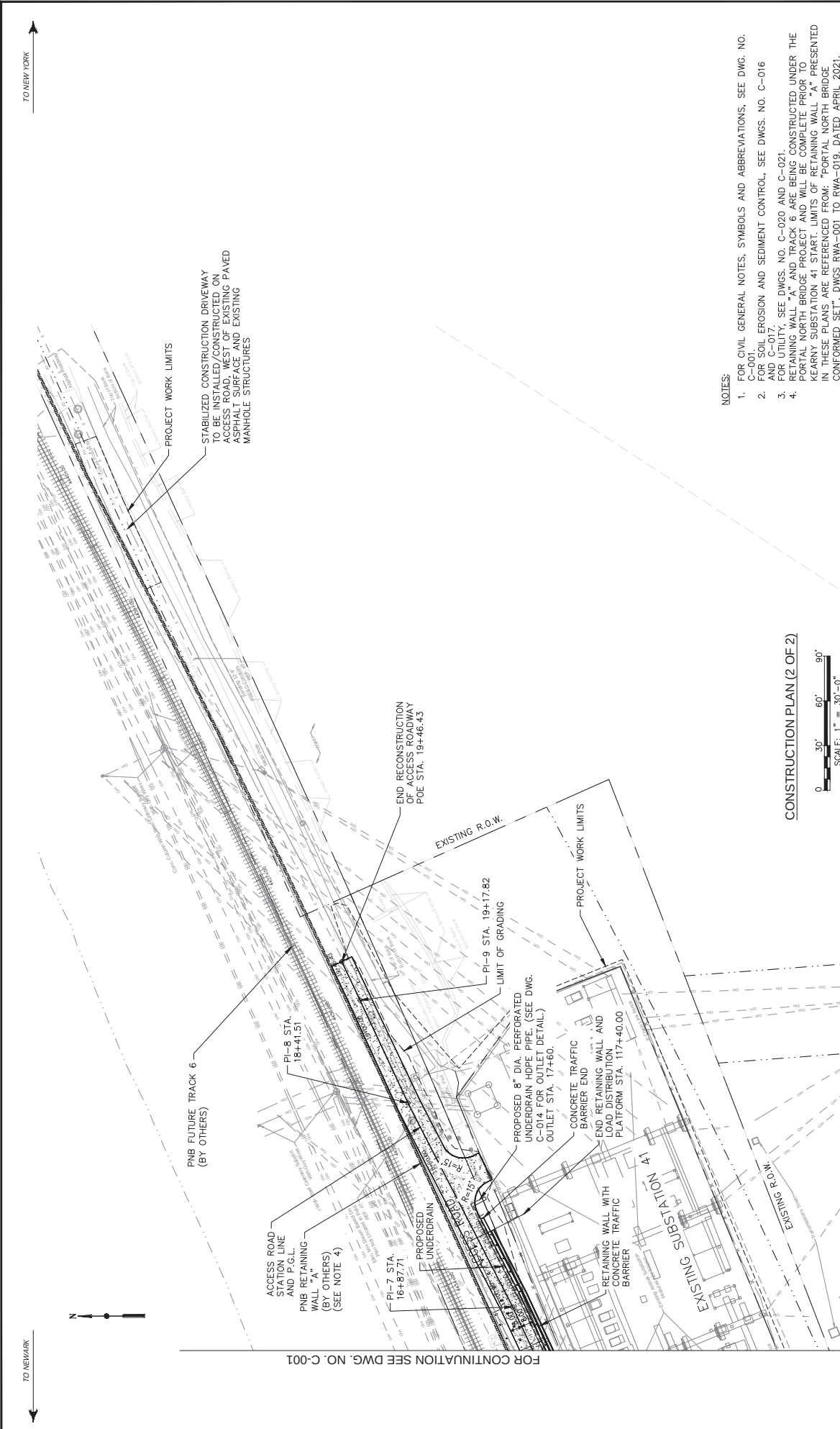
1. FOR CIVIL GENERAL NOTES, LEGEND AND ABBREVIATIONS, SEE DWG. NO. C-001.
2. FOR SOIL EROSION AND SEDIMENT CONTROL, SEE DWGS. NO. C-007 AND C-008.
3. FOR UTILITY, SEE DWGS. NO. C-020 AND C-021.

0 30' 60' 90'

SCALE: 1" = 30'-0"

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CONSTRUCTION PLAN (2 OF 2)

0 30' 60' 90'

SCALE: 1" = 30'-0"

- NOTES:
1. FOR CIVIL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS, SEE DWG. NO. C-001.
 2. FOR SOIL EROSION AND SEDIMENT CONTROL, SEE DWGS. NO. C-016 AND C-017.
 3. SEE DWGS. NO. C-020 AND C-021.
 4. PERMANENT TRACK ARE BEING CONSTRUCTED UNDER THE PORTAL NORTH BRIDGE PROJECT AND WILL BE COMPLETE PRIOR TO KEARNY SUBSTATION 41 START LIMITS OF RETAINING WALL "A" PRESENTED IN THESE PLANS ARE REFERENCED FROM "PORTAL NORTH BRIDGE CONFORMED SET", DWGS RWA-001 TO RWA-019, DATED APRIL 2021.

AMTRAK

Office of Engineering
Engineering Design
National Railroad Passenger Corporation
300 N. Street Station, Philadelphia, Pennsylvania 19104

THIS WORK WAS
DESIGNED BY
MY SUPERVISOR,
DAVID L. MURPHY
PROFESSIONAL ENGINEER
24522413300
LICENSE NO.

Approved _____ Date _____

HNTB

HNTB Corporation
350 Fifth Ave
New York, NY 10118

CERTIFICATE OF AUTHORIZATION NO. 2454800070

KEARNY SUBSTATION 41
RECONSTRUCTION DESIGN

Designed: J.L. Drawn: ACP Checked: RWC Date: 02/07/2025

Job No. 78506
File Name S41-C002-PL
Sheet No. 5 OF 20
2
C-002

No. _____

Revisions _____

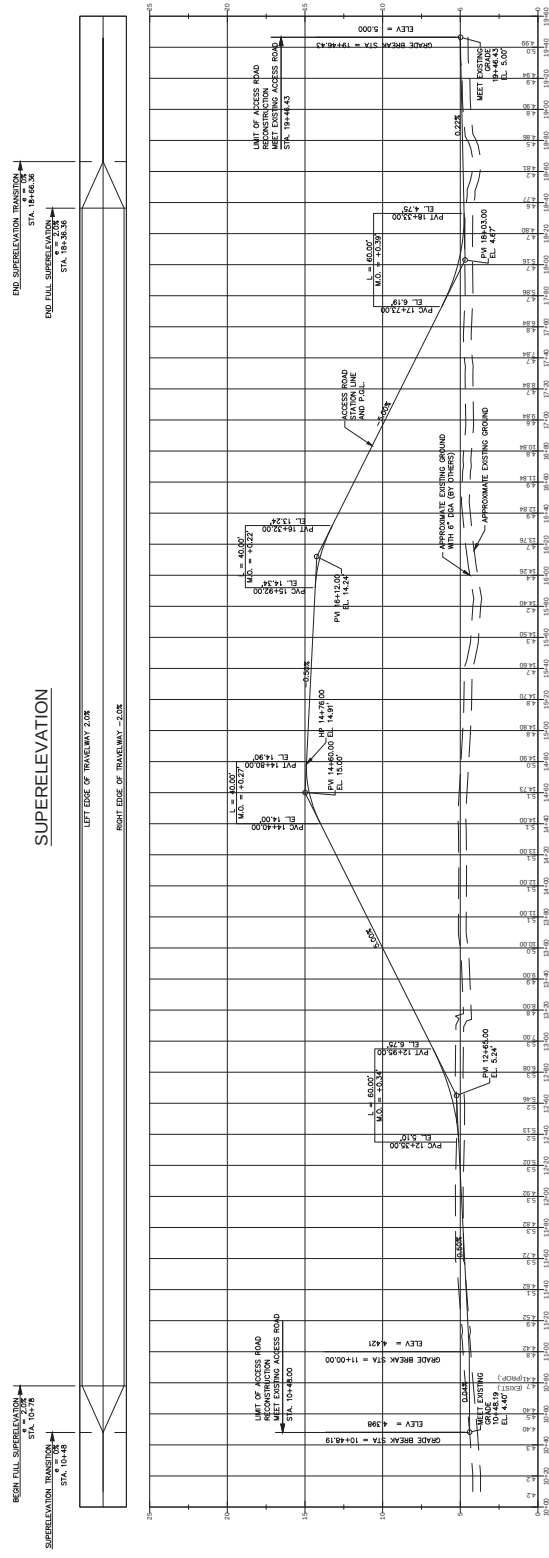
Date _____

By _____

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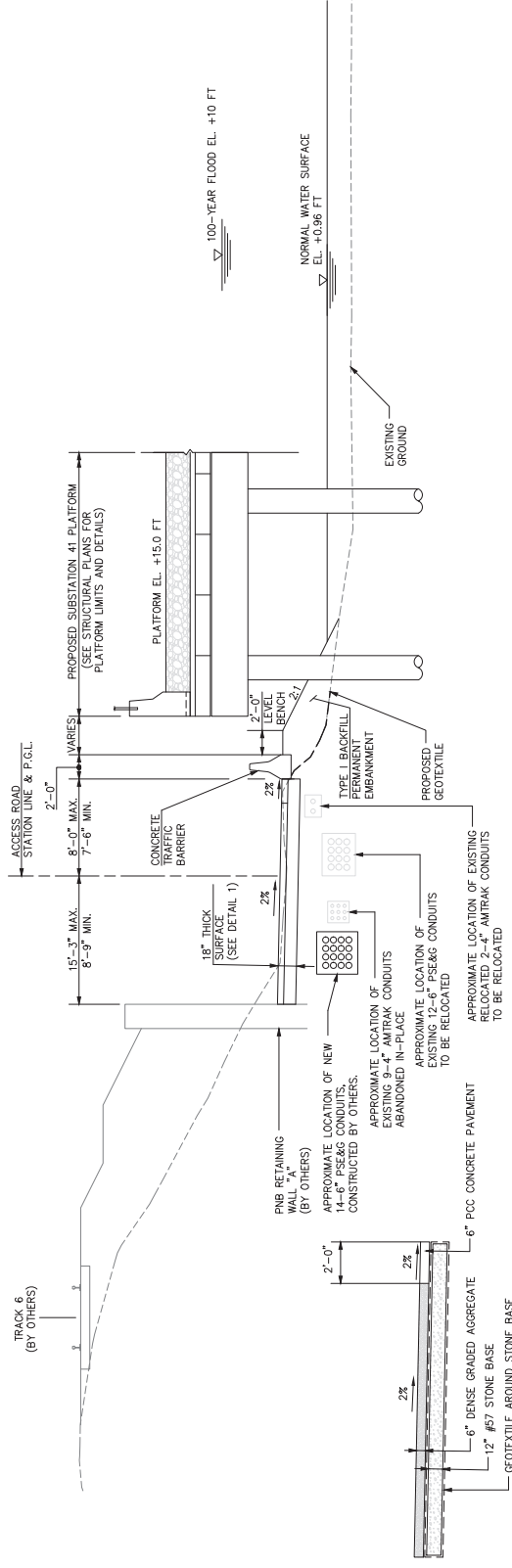
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8 of 28 pages



ACCESS ROAD PROFILE

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SURFACE DETAIL 1
NOT TO SCALE
C-010

ACCESS ROAD TYPICAL SECTION

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Engineering Design
National Railroad Passenger Corporation
30TH Street Station, Philadelphia, Pennsylvania 19104

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DAVID N. MURRAY
PROFESSIONAL ENGINEER

24GE04153300
LICENSE NO.

BENT

HNTB Corporation
350 Fifth Ave
57th Floor
New York, NY 10119

KEARNY SUBSTATION 41
RECONSTRUCTION DESIGN

ACCESS ROAD TYPICAL SECTION (1 OF 2)

C-004

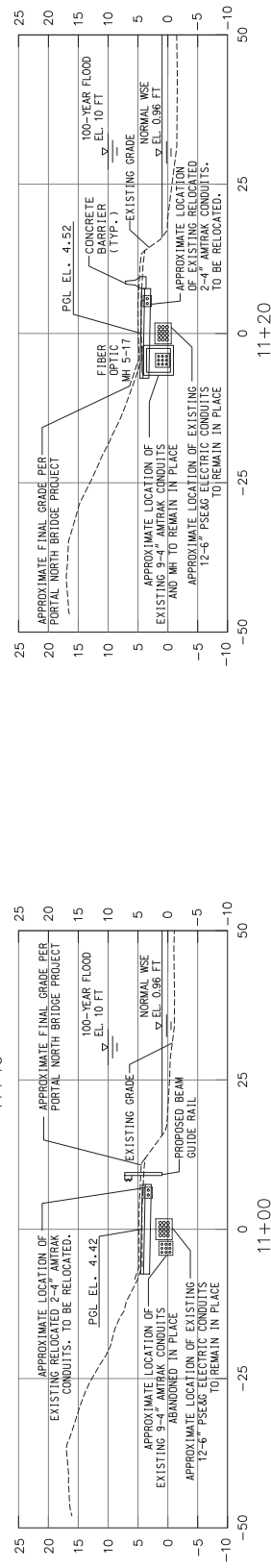
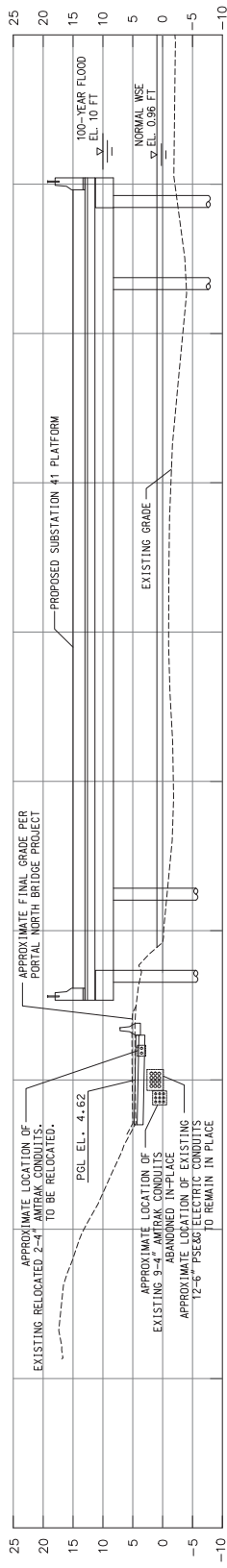
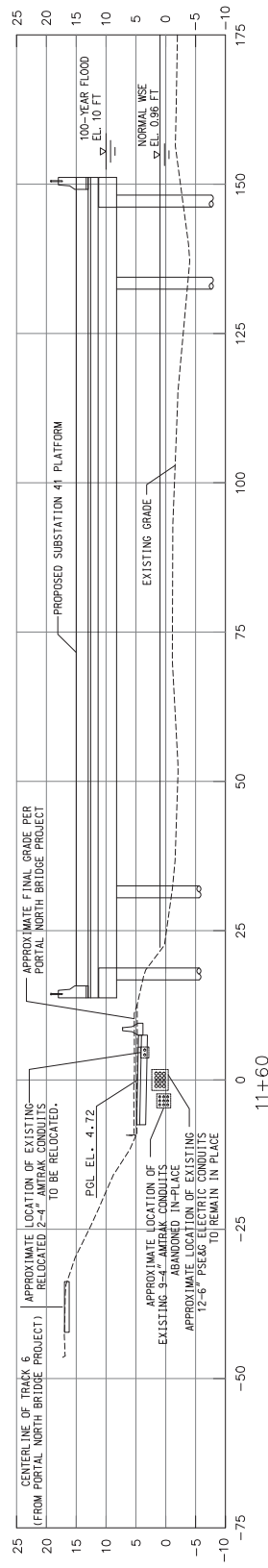
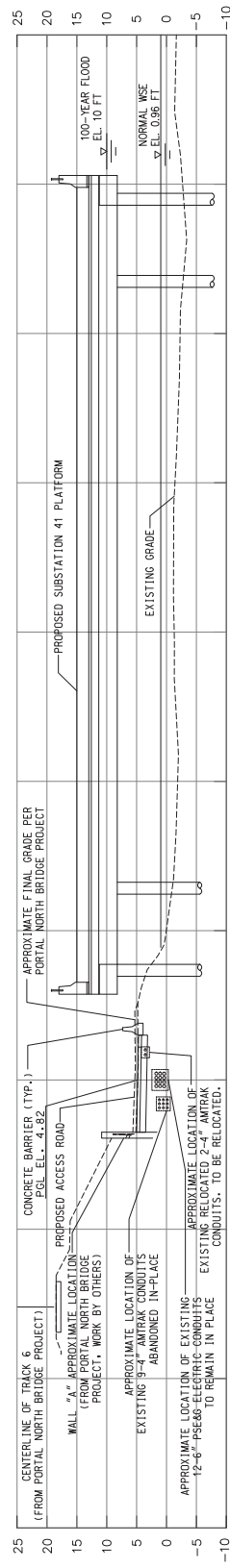
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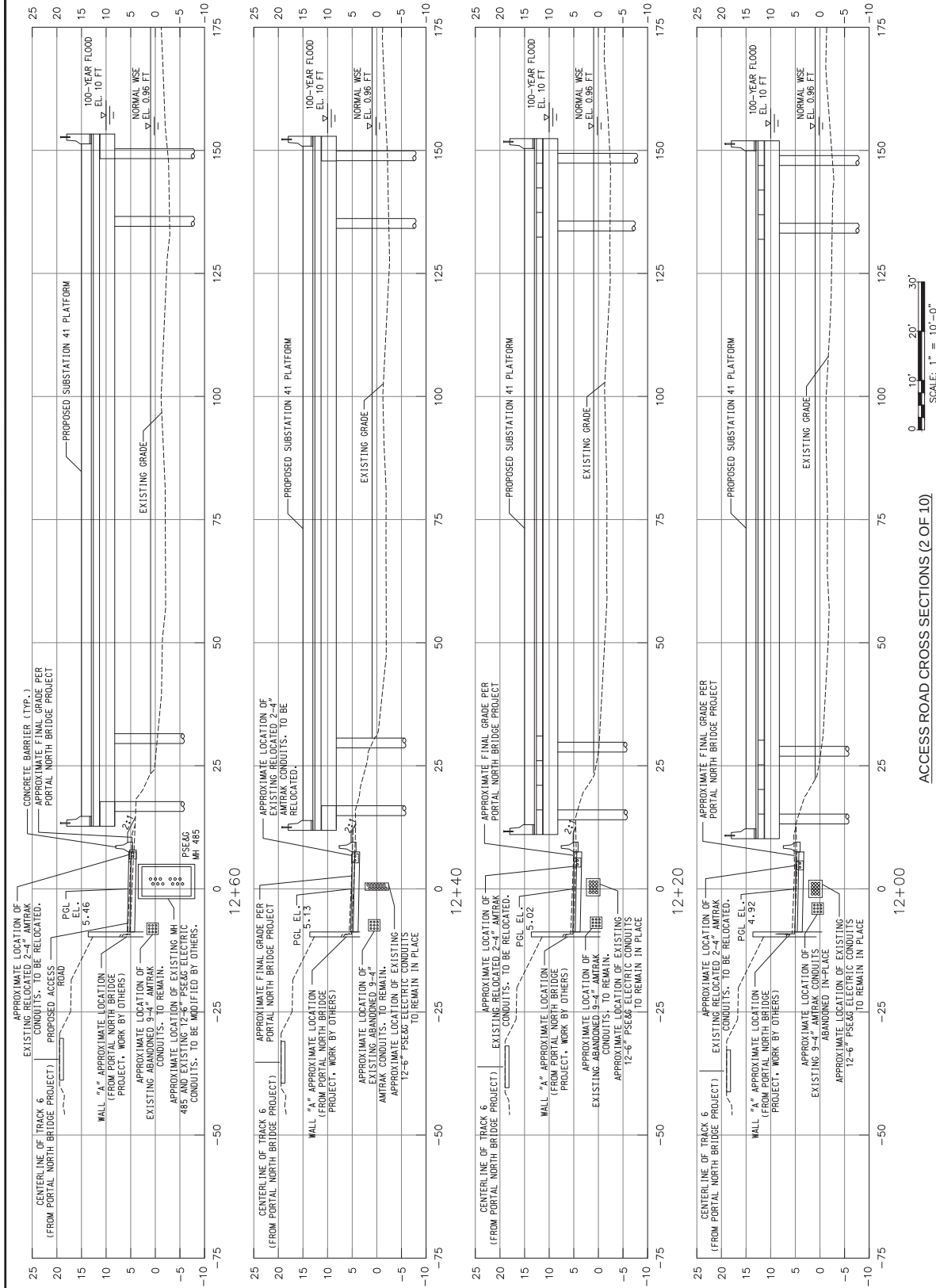


ACCESS ROAD CROSS SECTIONS (1 OF 10)



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No.	Revisions	Date	By		Office of Engineering Engineering Design North Star Project 30TH Street Station, Philadelphia, Pennsylvania 19104	THIS WORK WAS PREPARED UNDER MY SUPERVISION. DAVID N. MURPHY PROFESSIONAL ENGINEER 24254133000	 HNTB Corporation 350 Fifth Ave New York, NY 10118 www.hntb.com	KEARNY SUBSTATION 41 RECONSTRUCTION DESIGN CROSS SECTIONS (1 OF 10)	JOB No. 75036 HNTB HNTB Corporation 541-C-006 Project No. 9 OF 20 Date 02/07/2025 Drawn BY C-006	I hereby declare that this document contains no false or misleading information, and that I am a duly licensed professional engineer in the State of New Jersey. State of New Jersey Professional Engineer



ACCESS ROAD CROSS SECTIONS (2 OF 10)

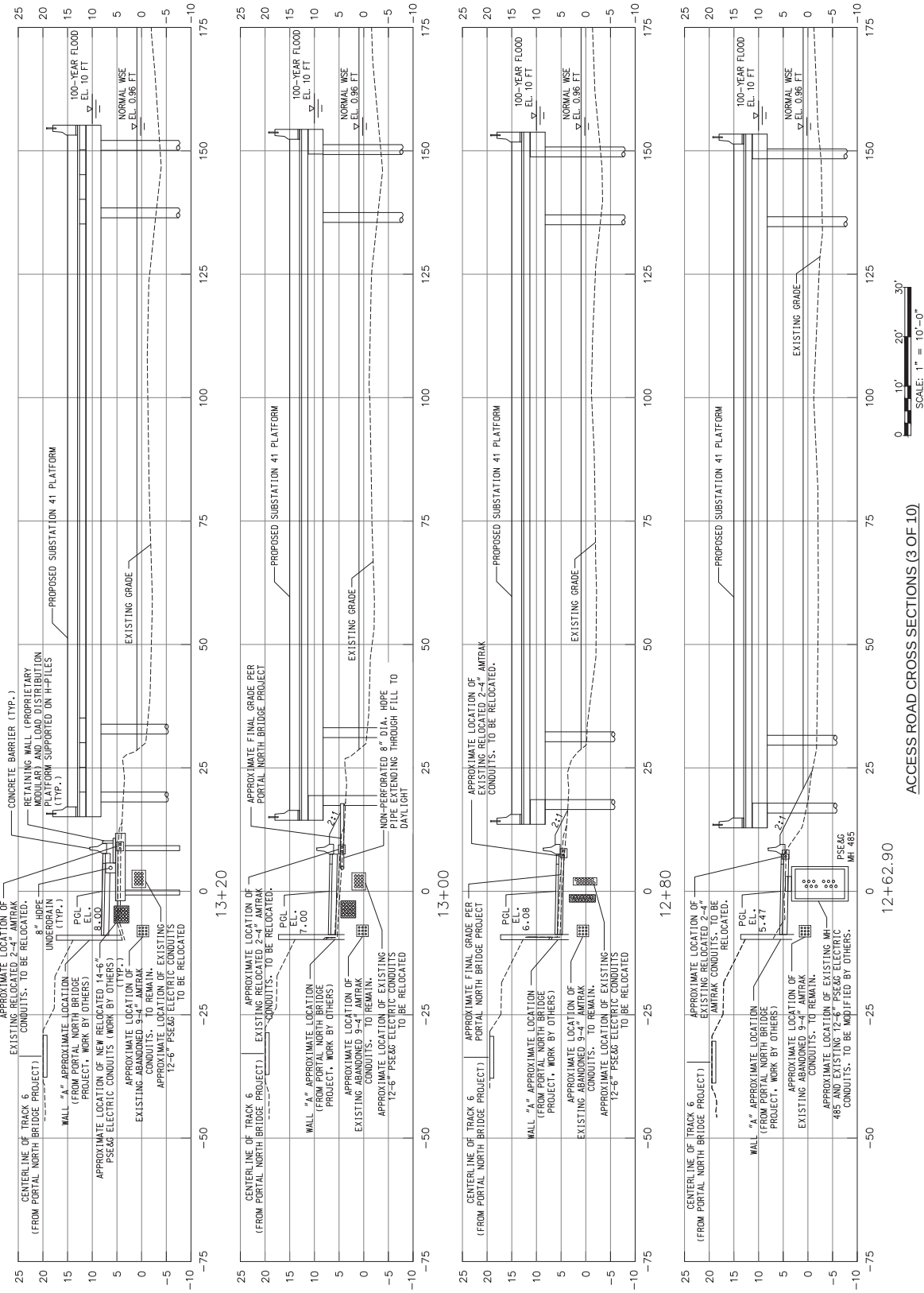
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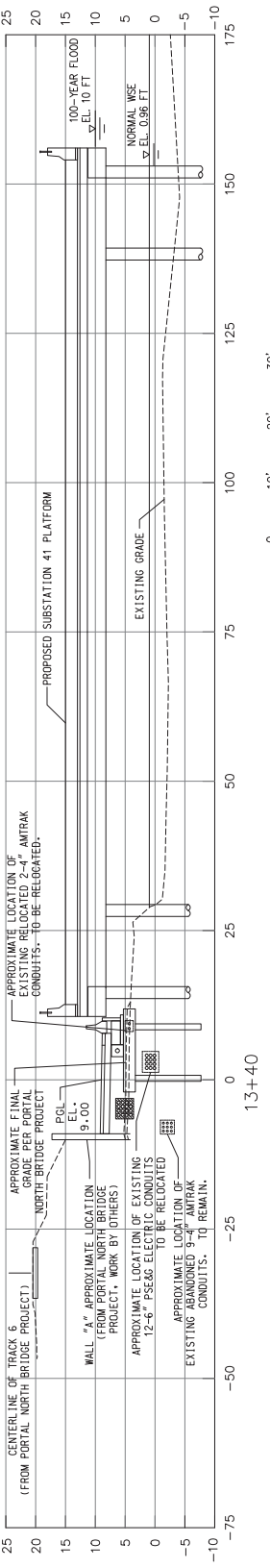
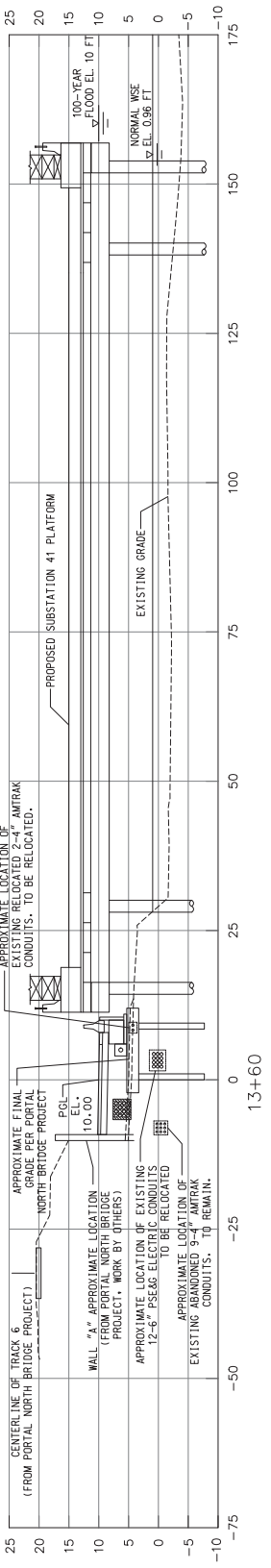
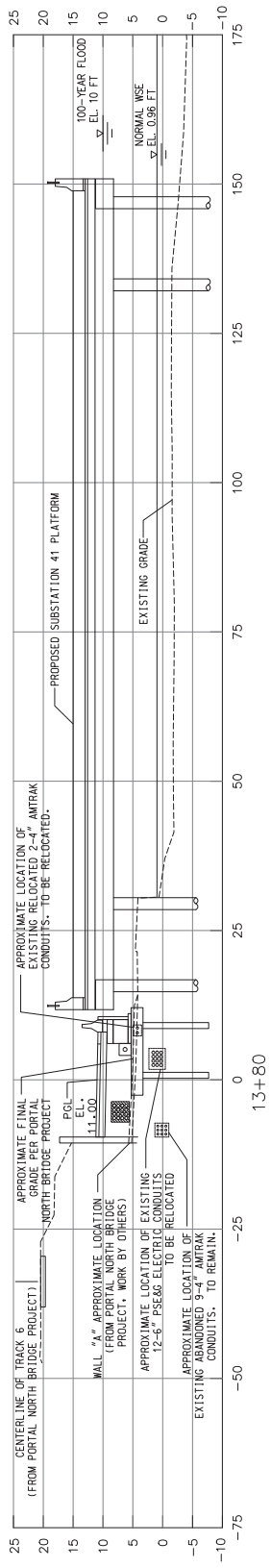
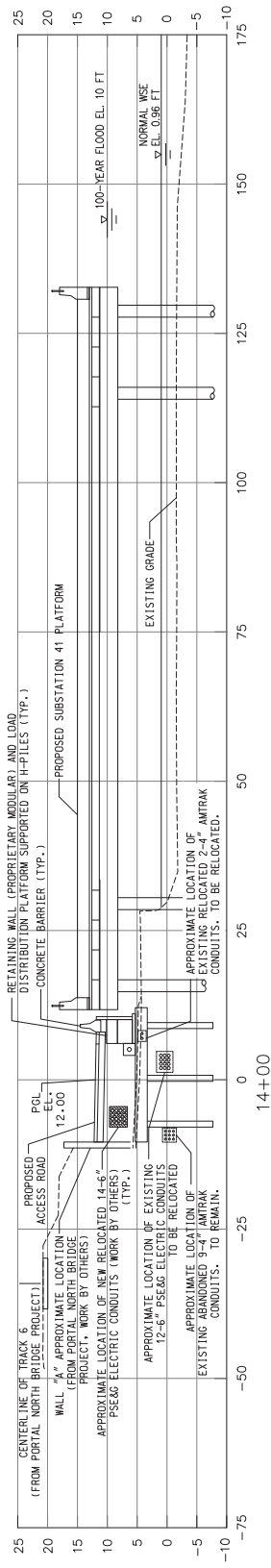
0 10' 20' 30'

No.	Revisions	Date	By

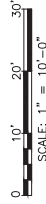
AMTRAK		Office of Engineering Engineering Design National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104		HNTB HNTB Corporation 350 Fifth Ave New York, NY 10118 Professional Engineer 2452413300 License No.		KEARY SUBSTATION 41 RECONSTRUCTION DESIGN CROSS SECTIONS (2 OF 10)		Job No. 78506 File Name S41-C-007 Sheet No. 10 OF 20 Date 02/07/2025 Designed J.L. Drawn A.P. Checked RWC	

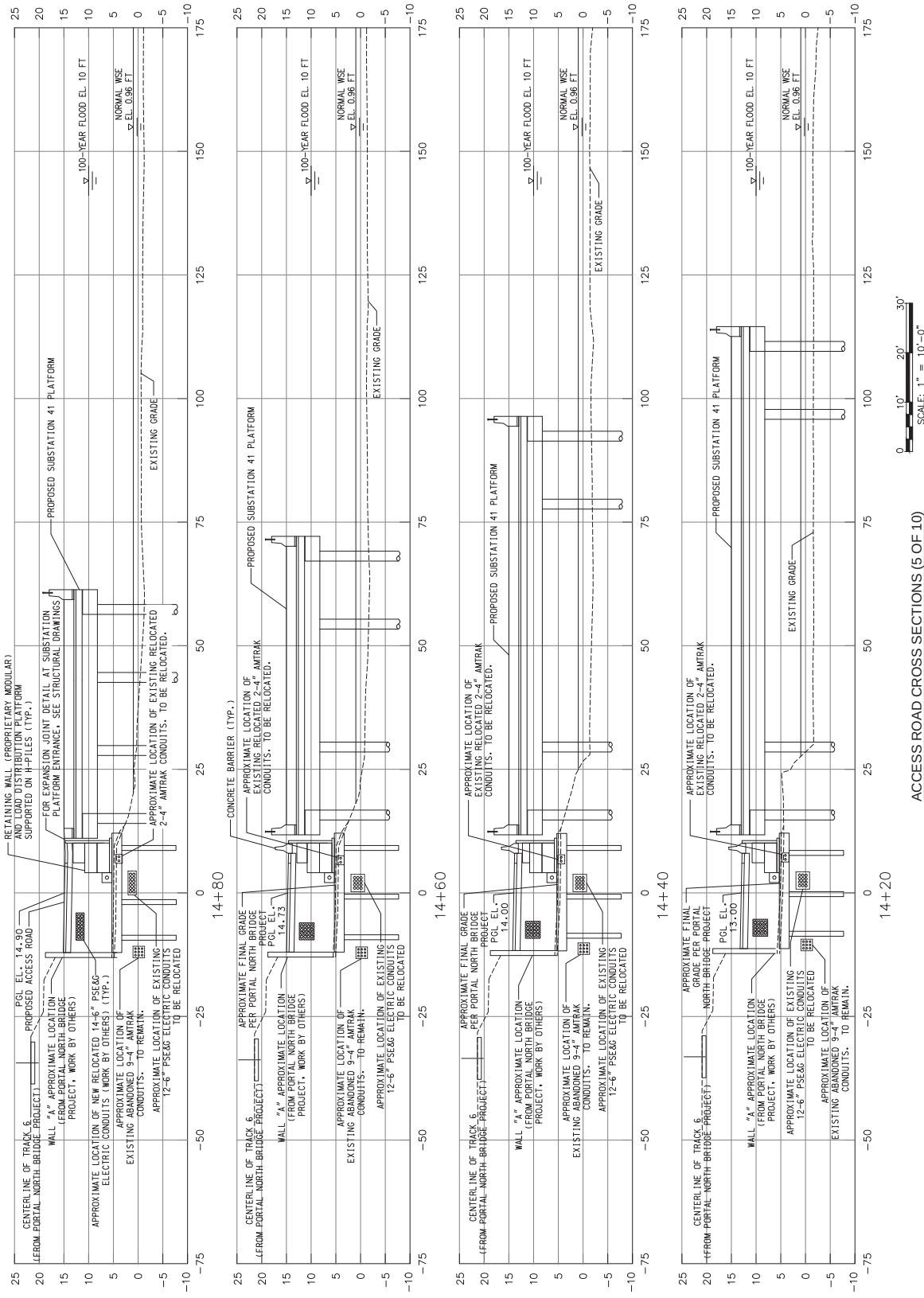
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ACCESS ROAD CROSS SECTIONS (4 OF 10)

[illegible]



ACCESS ROAD CROSS SECTIONS (5 OF 10)

[illegible]

THIS WORK WAS
PERFORMED UNDER
MY SUPERVISION.
DAVID N. MURRAY
PROFESSIONAL ENGINEER
2425244133000
HNTB CORPORATION
350 FIFTH AVE
57TH FLOOR
NEW YORK, NY 10119
TEL: 212 512 2000
FAX: 212 512 2001
WWW.HNTB.COM

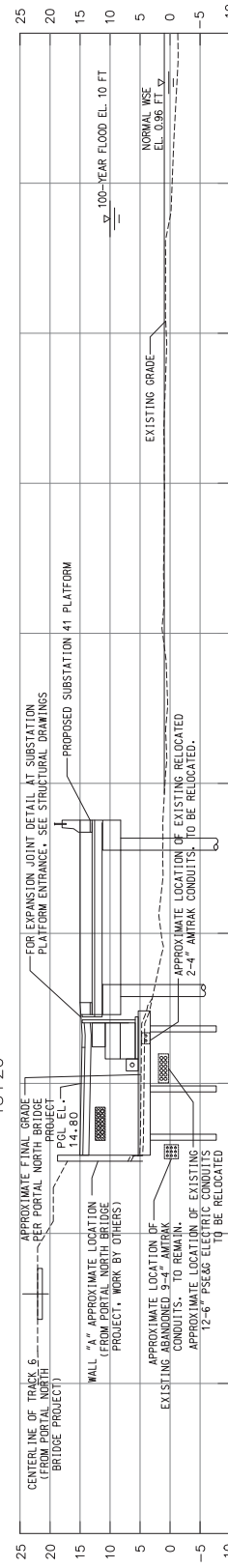
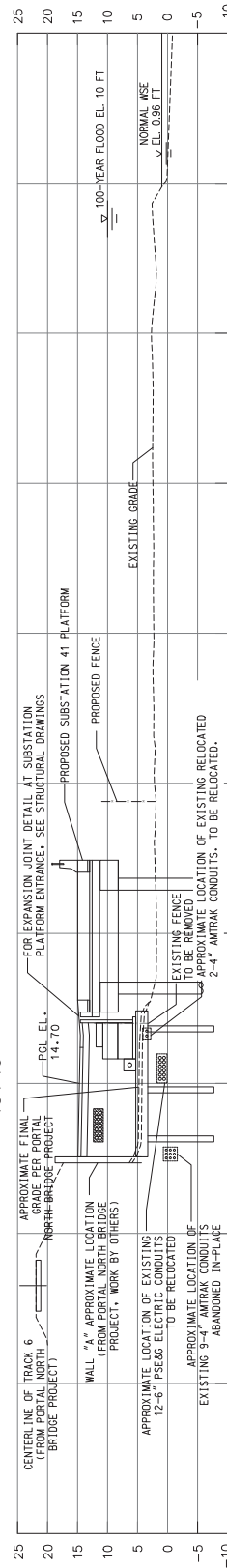
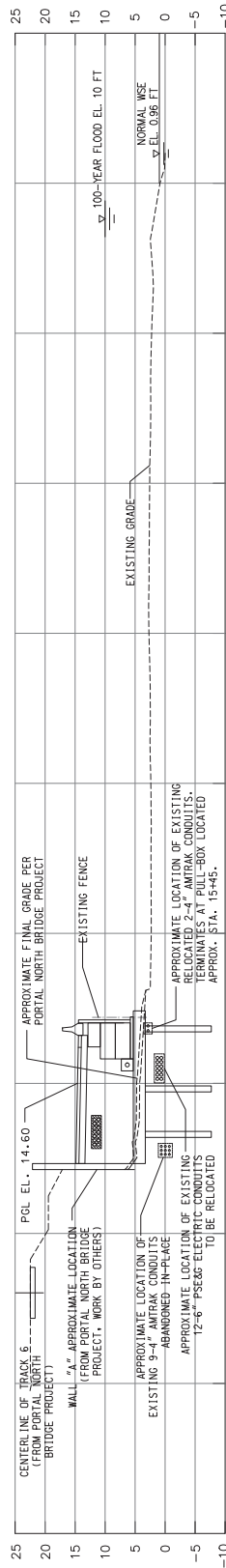
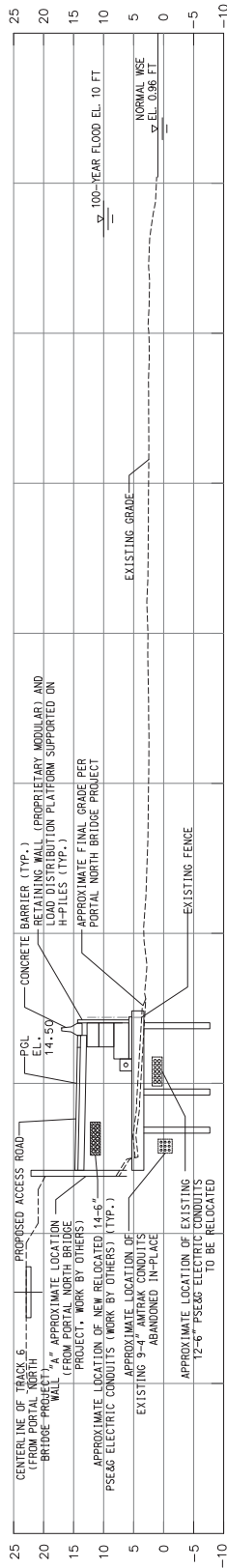
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Office of Engineering
Engineering Design
National Railroad Passenger Corporation
Street Station, Philadelphia, Pennsylvania 19104



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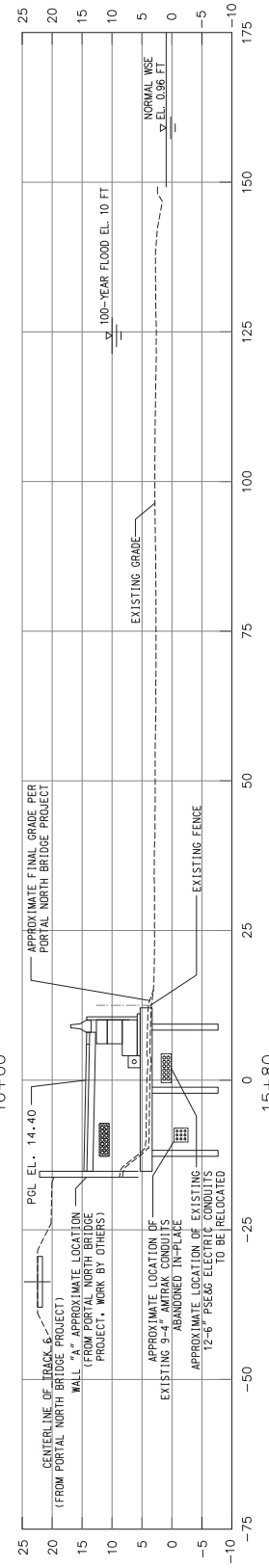
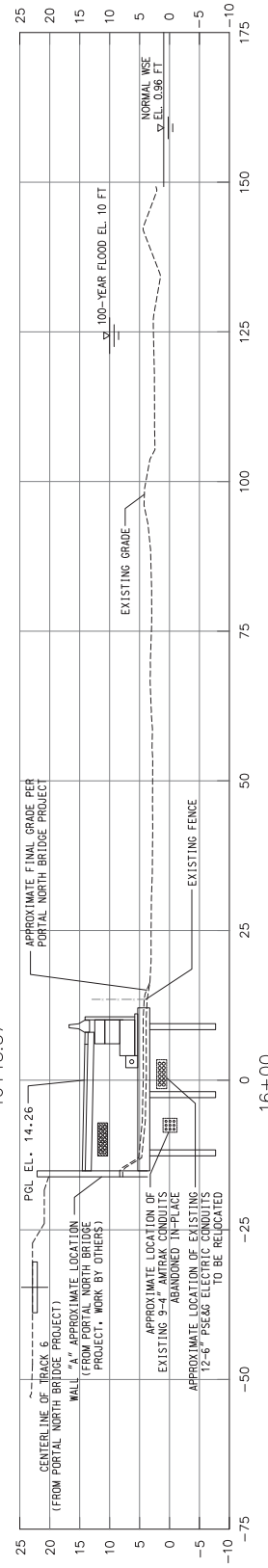
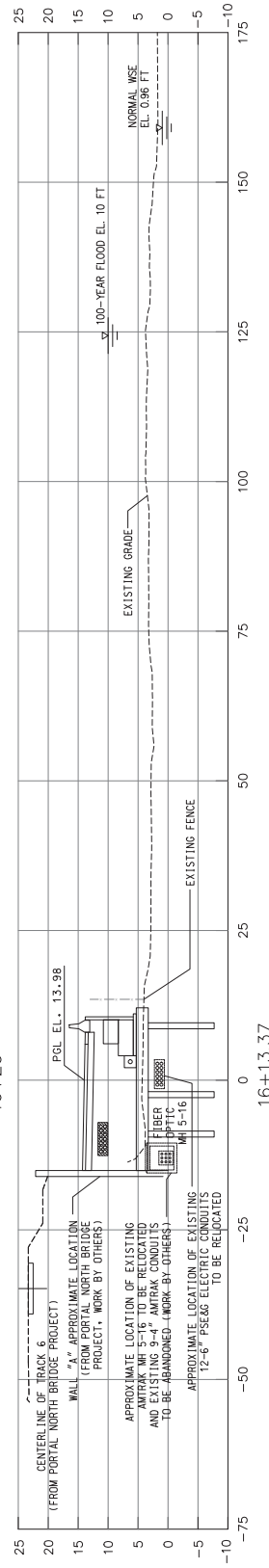
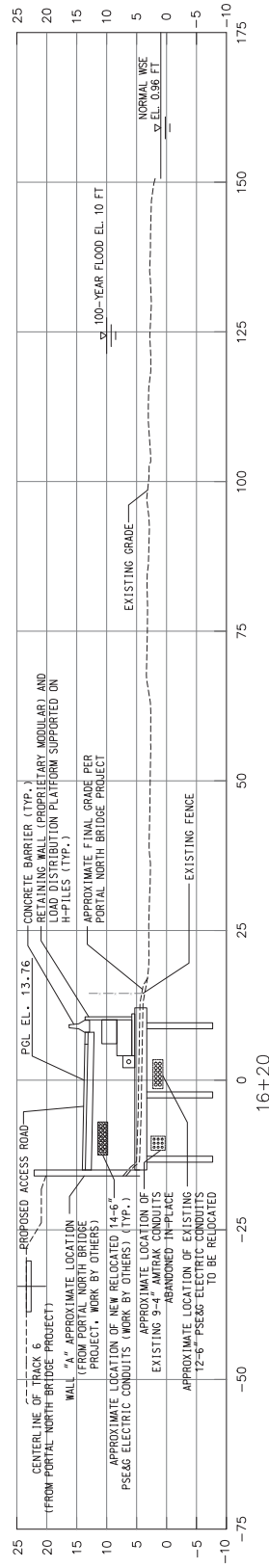
ACCESS ROAD CROSS SECTIONS (6 OF 10)

0' 10' 20' 30'
SCALE: 1" = 10'-0"

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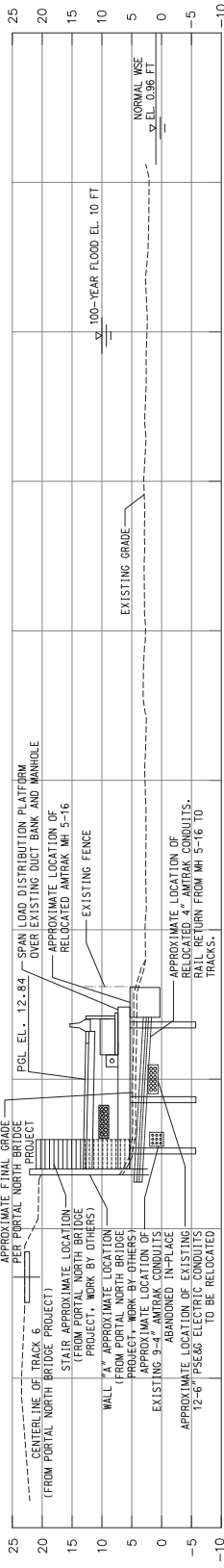
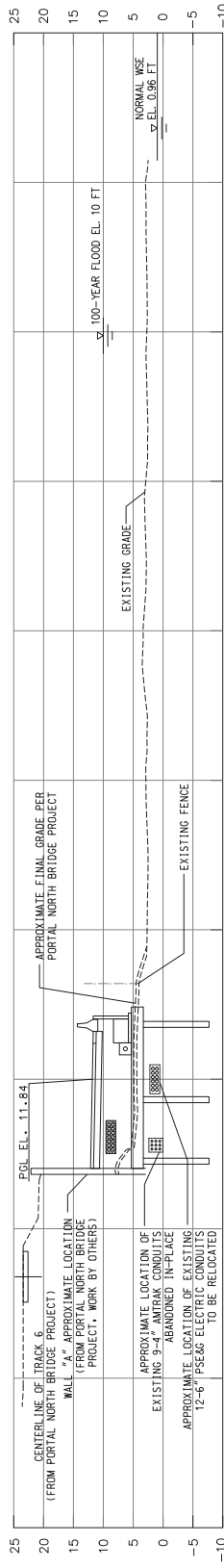
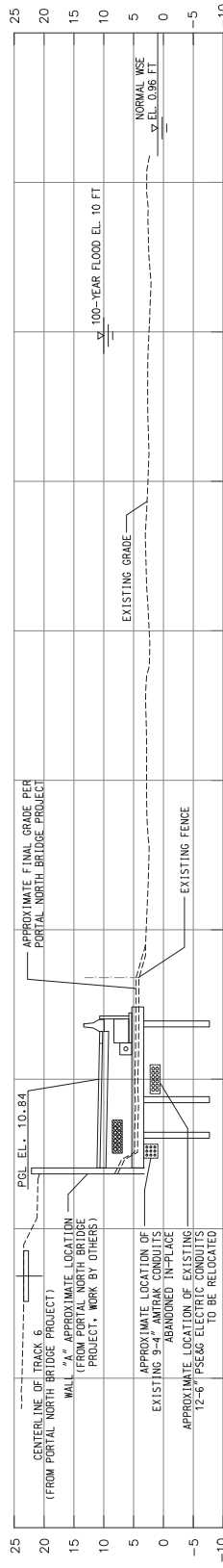
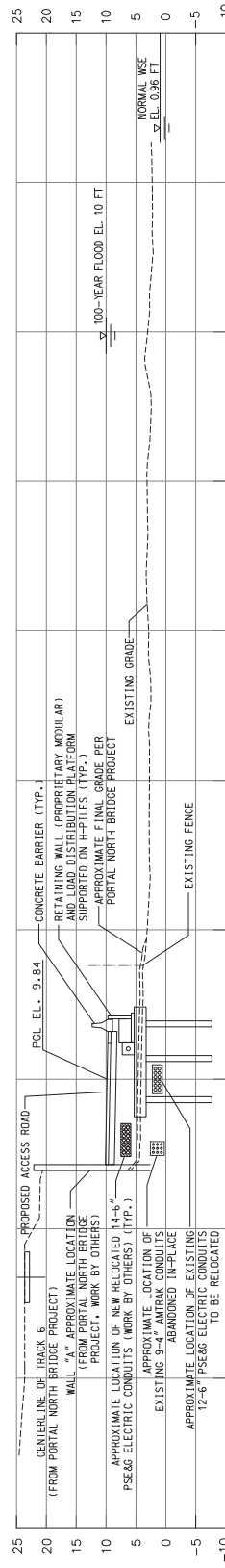
AMTRAK National Railroad Passenger Corporation 30th Street Station, Philadelphia, Pennsylvania 19104		Office of Engineering Design Engineering Design 30th Street Station, Philadelphia, Pennsylvania 19104	
THIS WORK WAS PROVIDED BY THE NATIONAL RAILROAD PASSENGER CORPORATION (AMTRAK) FOR THE USE OF THE U.S. ARMY CORPS OF ENGINEERS (USACE) IN THE DESIGN AND CONSTRUCTION OF THE NATIONAL RAILROAD PASSENGER CORPORATION (AMTRAK) STATION AT 30TH STREET STATION, PHILADELPHIA, PENNSYLVANIA.		DATE: 02/07/2025	
APPROVED: [Signature]		DESIGNED: J.L. [Signature]	
CHECKED: [Signature]		DRAWN: A.P. [Signature]	
DATE: 02/07/2025		DATE: 02/07/2025	
PROJECT: 30th Street Station, Philadelphia, Pennsylvania 19104		PROJECT: 30th Street Station, Philadelphia, Pennsylvania 19104	
SHEET: 14 OF 20		SHEET: 14 OF 20	
JOB NO.: 78506		JOB NO.: 78506	
FILE NAME: S41-C-011		FILE NAME: S41-C-011	
CROSS SECTIONS (6 OF 10)		CROSS SECTIONS (6 OF 10)	
KEARNEY SUBSTATION 41 RECONSTRUCTION DESIGN		KEARNEY SUBSTATION 41 RECONSTRUCTION DESIGN	
HNTB Corporation 350 Fifth Ave New York, NY 10118		HNTB Corporation 350 Fifth Ave New York, NY 10118	
PROFESSIONAL ENGINEER DAVID L. MURPHY 2452413300 LICENSE NO.		PROFESSIONAL ENGINEER DAVID L. MURPHY 2452413300 LICENSE NO.	



ACCESS ROAD CROSS SECTIONS (7 OF 10)

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NO.	Revisions	Date	By
			
Office of Engineering Engineering Design North Station, Philadelphia, Pennsylvania 19104 30TH Street Station, Philadelphia, Pennsylvania 19104			
THIS WORK WAS PREPARED UNDER MY SUPERVISION. DAVID N. MURPHY PROFESSIONAL ENGINEER 2456241-33300			
Approved _____ Date _____			
HNTB HNTB Corporation 350 Fifth Ave New York, NY 10118 212.512.2000 hntb.com or www.hntb.com			
KEARNY SUBSTATION #1 RECONSTRUCTION DESIGN CROSS SECTIONS (7 OF 10) Designed _____, Drawn _____, Checked _____, PRC _____ Date: 02/07/2024			
JOB NO. 78506 SHEET C-012 SHEET NO. 15 OF 20 FILE NAME SW-C-012			

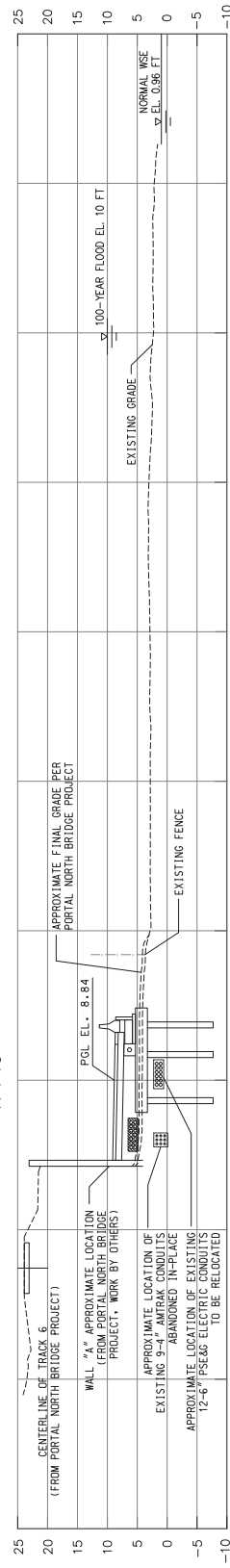
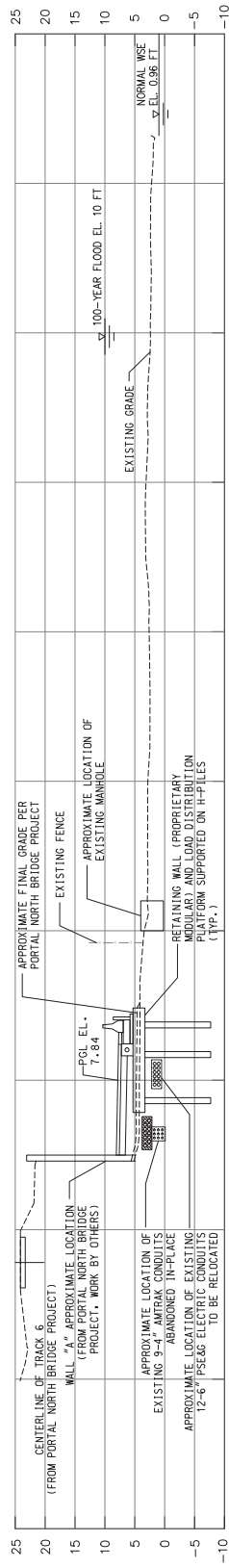
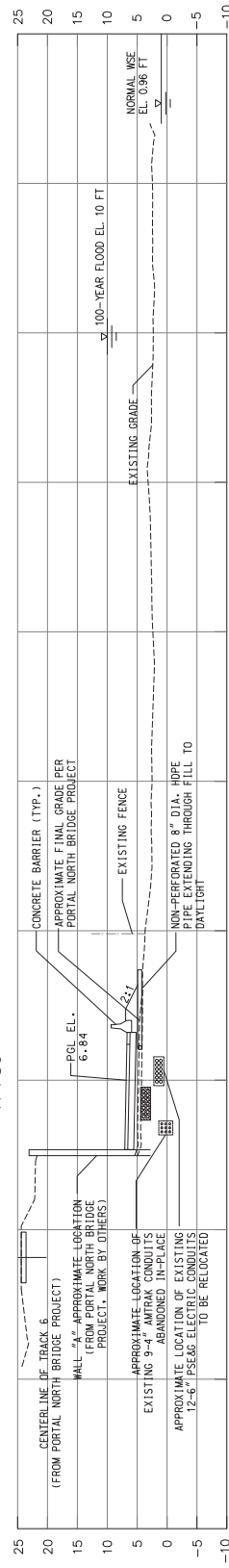
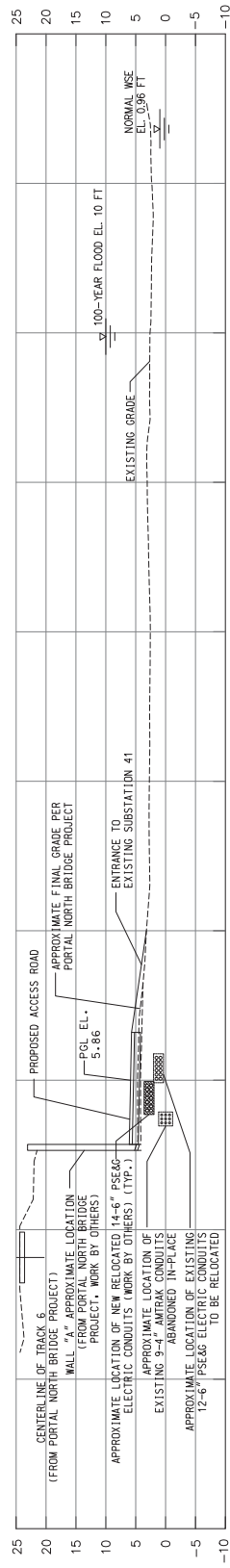


ACCESS ROAD CROSS SECTIONS (8 OF 10)

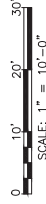
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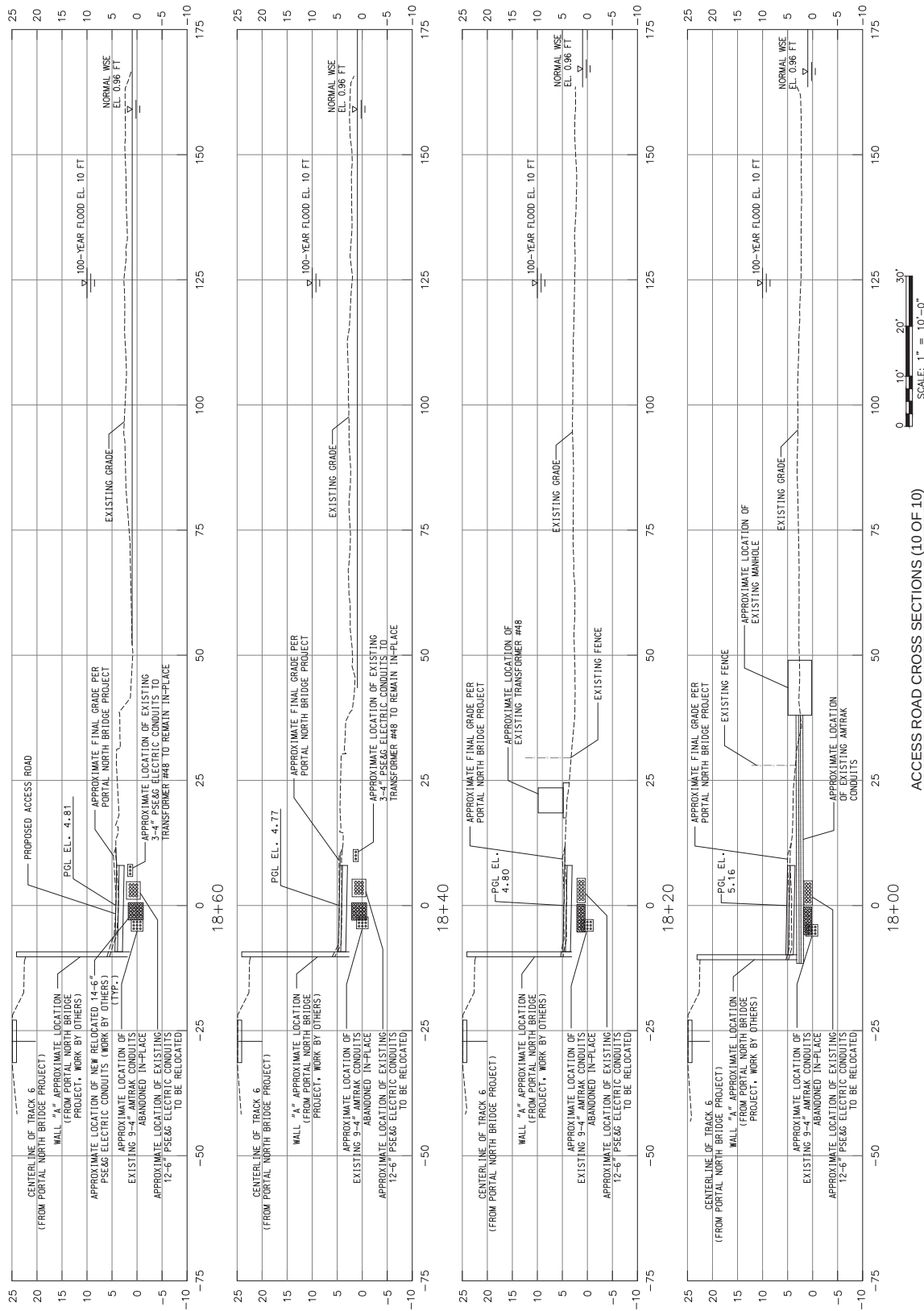
SCALE: 1" = 10'-0"

No.	Revisions	Date	By
Office of Engineering Engineering Design Nelson A. Belton, President, Chairman 30TH Street Station, Philadelphia, Pennsylvania 19104			
AMTRAK			
THIS WORK WAS PREPARED UNDER MY SUPERVISION. DAVID N. MURPHY PROFESSIONAL ENGINEER PA65241-633000			
Approved _____ Date _____			
JOB NO. 789656 FILE NUMBER S4-C-013 SHEET NO. 16 OF 20 C-013 KEARNY SUBSTATION #1 RECONSTRUCTION DESIGN CROSS SECTIONS (8 OF 10) Designed _____ Drawn _____ Checked _____ Date: 02/07/2024 HNTB CORPORATION 350 FIFTH AVE NEW YORK, NY 10118 www.hntb.com hntb.com/us-us-a-american			
STATE APPROVAL OF THIS DRAWING BECOMES THE EXPRESSED OR IMPLIED WARRANTY OF THE NATIONAL BOARD OF PROFESSIONAL ENGINEERING & SURVEYING, INC.			



ACCESS ROAD CROSS SECTIONS (9 OF 10)

[illegible]



Revisions

No.	Revisions	Date	By

Office of Engineering
Engineering Design

National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

THIS WORK WAS
DESIGNED BY
MY SUPERVISOR,
DAVID L. MURPHY,
PROFESSIONAL ENGINEER
24524143300
LICENSE NO.

Approved _____
Date _____

HNTB

HNTB Corporation
350 Fifth Ave
New York, NY 10118

KEARNY SUBSTATION 41
RECONSTRUCTION DESIGN

CROSS SECTIONS (10 OF 10)

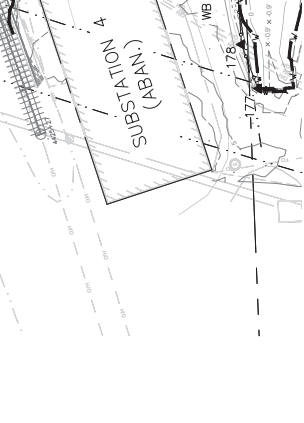
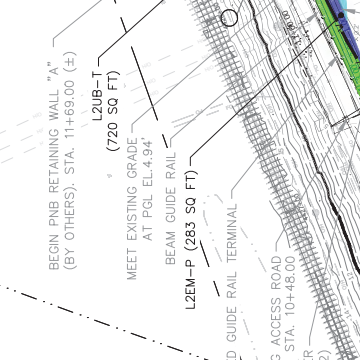
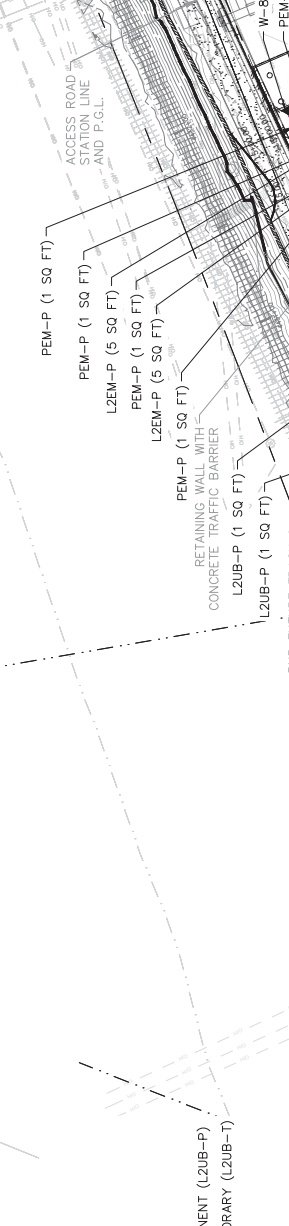
Job No. 78506
File Name S41-C-015
Sheet No. 18 OF 20
2
C-015

Designed J.L. Drawn AJP Checked RWC Date 02/07/2025

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PRINT AS OF February 06, 2025 6:44pm

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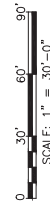
WETLAND IN		
PERM. PALUSTRINE, EMERGENT (PEM-P)	TEMP. PALUSTRINE, EMERGENT (PEM-T)	PERM. LAOUSTRINE, LITORAL, EMERGENT (L2EM-P)
527 SQ FT (0.012 ACRES)	619 SQ FT (0.014 ACRES)	308 SQ FT (0.007 ACRES)

0 30' 60' 90'

SCALE: 1" = 30'-0"



ENVIRONMENTAL PLAN (2 OF 2)

[illegible]