

TO NEW HAVEN

TO BOSTON



**LEGEND:**

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
- CJL — CJL — COASTAL JURISDICTION LINE (CJL) — ELEVATION 2.9'
- HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
- MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
- MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
- FIELD LOCATED WETLAND BOUNDARY
- LOD — LIMITS OF PROJECT DISTURBANCE
- — — — — AMTRAK RIGHT OF WAY (ROW)
- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW CJL
- BELOW LCSTV

**NOTES:**

1. TEMPORARY AND PERMANENT ENCROACHMENT INTO REGULATED WETLANDS SHALL BE IN CONFORMANCE WITH WETLANDS PERMITS ISSUED FOR THE PROJECT. LIMITS OF TEMPORARY ENCROACHMENT SHALL BE DELINEATED WITH STAKES AND FLAGGING.

ANY STAGING AREAS AND PATHS TO BE RETURNED TO EXISTING CONDITION AT COMPLETION OF USE

MATCHLINE DWG CJL-02



FILE NAME: J:\2020\MB106\ACTIVITY 7\_CJL STATE IMPACT PLAN DATE: MAY 2, 2023 10:52:53 AM  
PLOT SCALE: 1" = 60'  
DRAWING PLOT TIME: YES

No.	Revisions	Date	By

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**Office of Chief Engineer  
STRUCTURES**

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

Approved	Date



**ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023**

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

OLD SAYBROOK CONNECTICUT

**REPLACEMENT OF MB 106.89  
OVER CONNECTICUT RIVER**

**CJL STATE IMPACT PLAN**

Designed: CS Drawn: CB/MD Checked: KM Date: 5/2/2023

Project Code	XXXX-XXX
WBS:	
Sheet No.	42 OF 140
Dwg. #	CJL-01

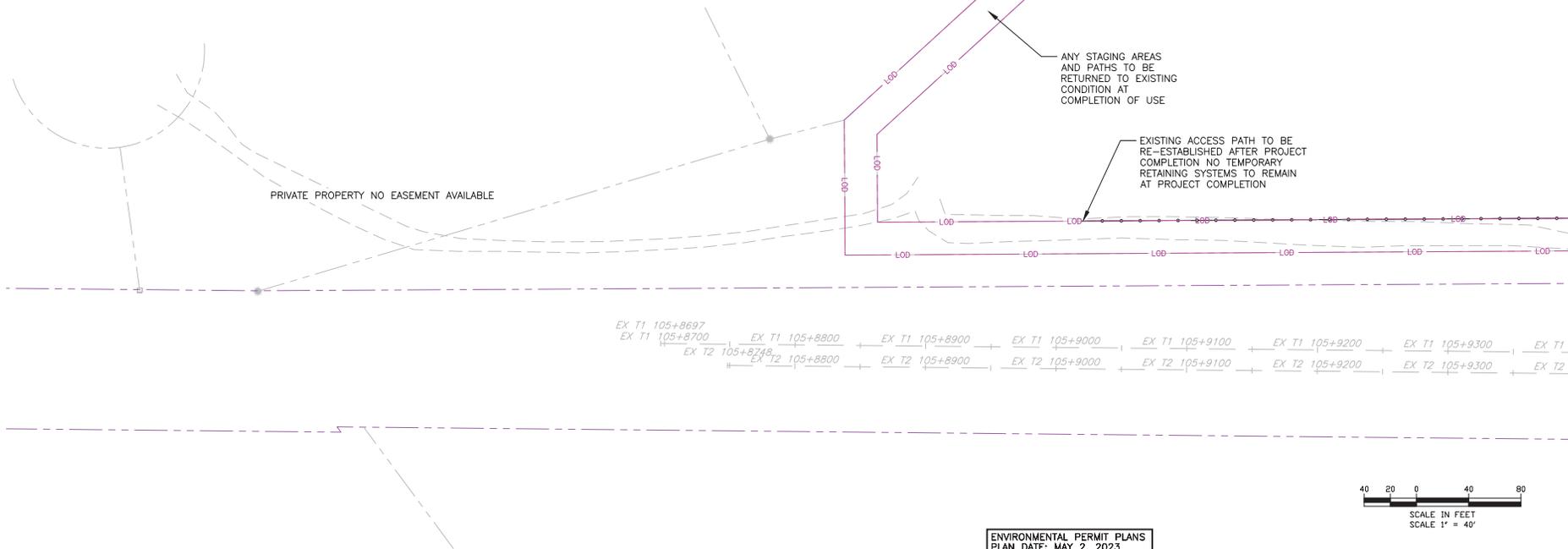
TO NEW HAVEN

TO BOSTON

MATCHLINE DWG CJL-01

LEGEND:

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
- C.J.L. — C.J.L. — COASTAL JURISDICTION LINE (C.J.L.) — ELEVATION 2.9'
- HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
- M.H.W. — M.H.W. — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
- M.L.W. — M.L.W. — MEAN LOW WATER (MLW) — ELEVATION -1.71'
- P — P — FIELD LOCATED WETLAND BOUNDARY
- L.O.D. — L.O.D. — LIMITS OF PROJECT DISTURBANCE
- — — — — AMTRAK RIGHT OF WAY (ROW)
- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW C.J.L.
- BELOW LCSTV



MATCHLINE DWG CJL-03

FILE NAME: J:\0000\MB106\ACTIVITY 7\_CJL STATE IMPACT PLAN DATE: MAY 2, 2023

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**

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

Approved	Date



ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

OLD SAYBROOK CONNECTICUT  
**REPLACEMENT OF MB 106.89  
OVER CONNECTICUT RIVER**  
CJL STATE IMPACT PLAN

Designed: CB Drawn: CB/MD Checked: KM Date: 5/2/2023

Project Code	XXXX-XXX
WBS:	
Sheet No.	43 OF 140
Dwg. No.	CJL-02

TO NEW HAVEN

TO BOSTON



MATCHLINE DWG C-JL-02

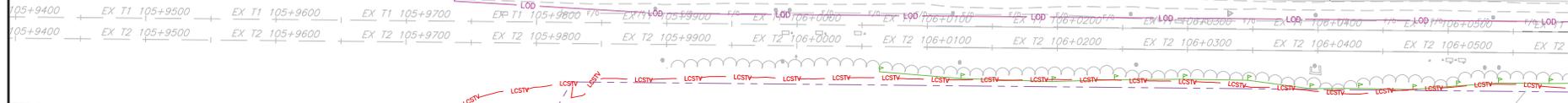
MATCHLINE DWG C-JL-04

ANY STAGING AREAS AND PATHS TO BE RETURNED TO EXISTING CONDITION AT COMPLETION OF USE

PROTECT EXISTING EQUIPMENT (TYP)

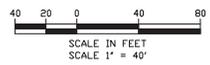
PERMANENT ACCESS PATH (9' MIN.) TO BE CONSTRUCTED AFTER REMOVAL OF TEMPORARY ACCESS PATH, NO TEMPORARY RETAINING WALL SYSTEMS TO REMAIN AT PROJECT COMPLETION

LIMIT OF DISTURBANCE (TYP)



LEGEND:

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LOSTV — LOSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
- C-JL — C-JL — COASTAL JURISDICTION LINE (C-JL) — ELEVATION 2.9'
- HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
- MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
- MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
- LOSTV — LOSTV — FIELD LOCATED WETLAND BOUNDARY
- LOSTV — LOSTV — LIMITS OF PROJECT DISTURBANCE
- — — — — AMTRAK RIGHT OF WAY (ROW)
- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW C-JL
- BELOW LOSTV



FILE NAME: J:\2020\MB106\WSPACTIVITY 7 C-JL STATE IMPACT PLAN DATE: MAY 2, 2023

No.	Revisions	Date	By

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Office of Chief Engineer  
STRUCTURES

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

Approved	Date



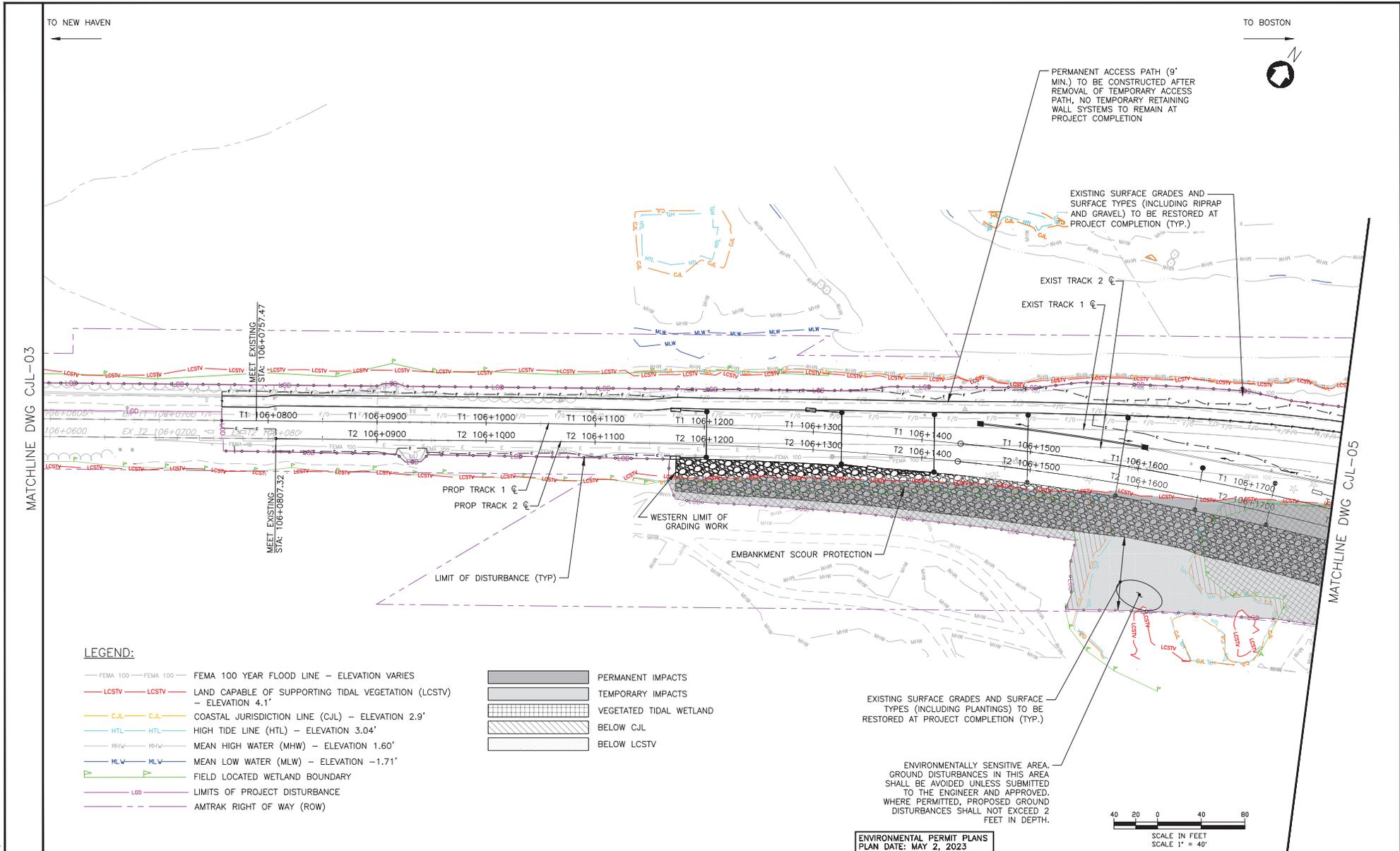
ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

CONNECTICUT  
**REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER**  
C-JL STATE IMPACT PLAN

Designed: CB Drawn: CB/MD Checked: KM Date: 5/22/2023

Project Code	XXX-XXX
WBS:	
Sheet No.	44 OF 140
Dwg. No.	CJL-03



MATCHLINE DWG CJL-03

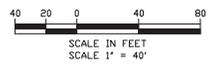
MATCHLINE DWG CJL-05

**LEGEND:**

- |  |          |  |  |                         |
|--|----------|--|--|-------------------------|
|  | FEMA 100 | FEMA 100 YEAR FLOOD LINE - ELEVATION VARIES                          |  | PERMANENT IMPACTS       |
|  | LCSTV    | LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) - ELEVATION 4.1' |  | TEMPORARY IMPACTS       |
|  | CjL      | COASTAL JURISDICTION LINE (CjL) - ELEVATION 2.9'                     |  | VEGETATED TIDAL WETLAND |
|  | HTL      | HIGH TIDE LINE (HTL) - ELEVATION 3.04'                               |  | BELOW CJL               |
|  | MHW      | MEAN HIGH WATER (MHW) - ELEVATION 1.60'                              |  | BELOW LCSTV             |
|  | MLW      | MEAN LOW WATER (MLW) - ELEVATION -1.71'                              |  |                         |
|  |          | FIELD LOCATED WETLAND BOUNDARY                                       |  |                         |
|  | LOD      | LIMITS OF PROJECT DISTURBANCE  |  |                         |
|  |          | AMTRAK RIGHT OF WAY (ROW)  |  |                         |

EXISTING SURFACE GRADES AND SURFACE TYPES (INCLUDING PLANTINGS) TO BE RESTORED AT PROJECT COMPLETION (TYP.)

ENVIRONMENTALLY SENSITIVE AREA. GROUND DISTURBANCES IN THIS AREA SHALL BE AVOIDED UNLESS SUBMITTED TO THE ENGINEER AND APPROVED. WHERE PERMITTED, PROPOSED GROUND DISTURBANCES SHALL NOT EXCEED 2 FEET IN DEPTH.



FILE NAME: J:\2020\HWYACTIVITY7\_CJL\_DRAWING  
 PLOT DATE: 05/22/2023 05:41 AM  
 DRAWING PLOT TIME: 1:05

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**  
 National Railroad Passenger Corporation  
 308 Street Station, Philadelphia, Pennsylvania 19104

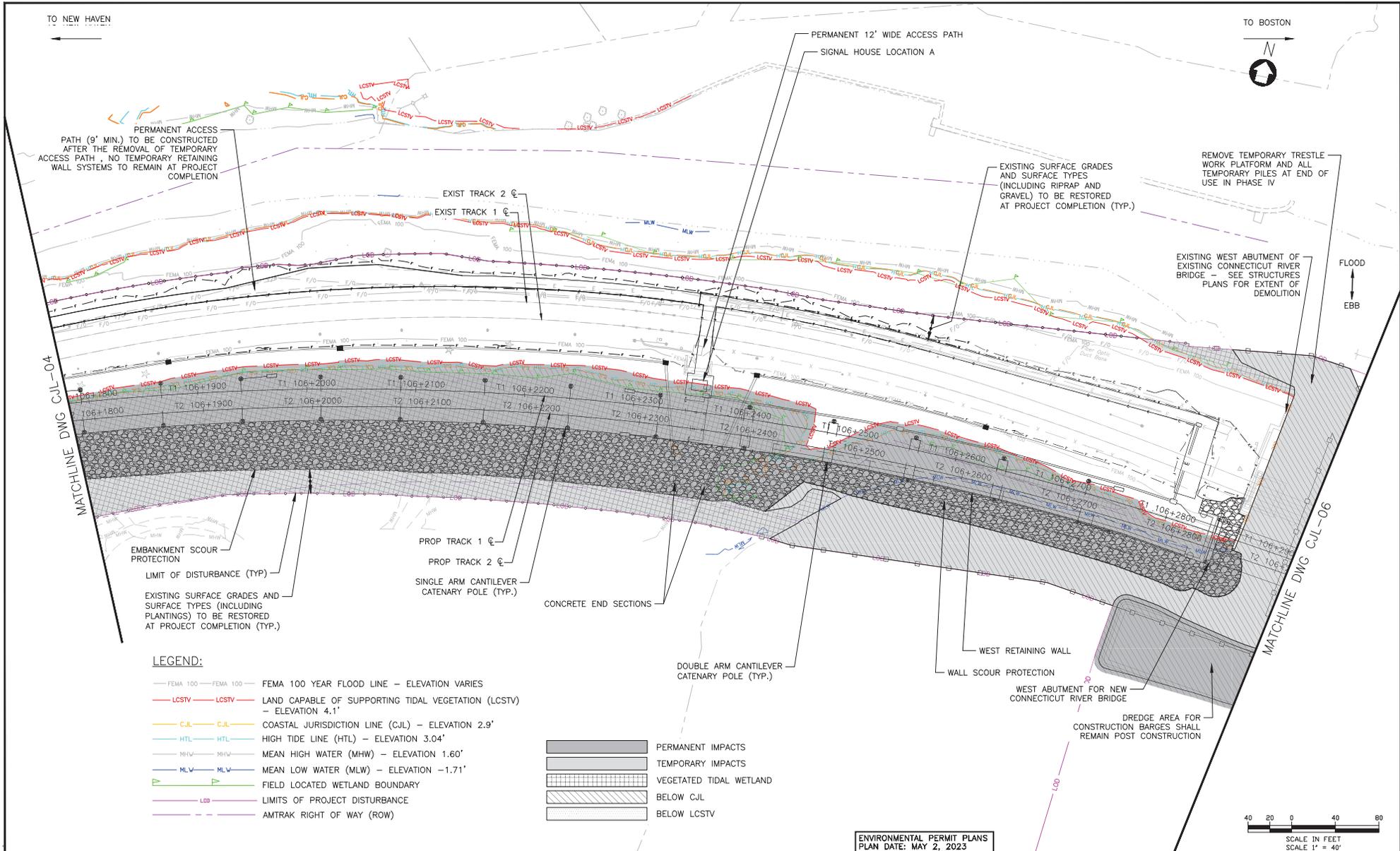
Approved	Date



**ENVIRONMENTAL PERMIT PLANS**  
 PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
 ENGINEERING  
 1501 Broadway New York, NY 10036  
 1700 Market St. Suite 1050  
 Philadelphia, PA 19103

OLD SAYBROOK	CONNECTICUT	Project Code	XXXX-XXXX
<b>REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER</b>		WBS:	
		Sheet No.	45 OF 140
<b>CJL STATE IMPACT PLAN</b>		Dwg. No.	<b>CJL-04</b>
		Designed	CS
Drawn	CB/MD	Checked	KM
Date	5/22/2023		



**LEGEND:**

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
- C.J.L. — C.J.L. — COASTAL JURISDICTION LINE (C.J.L.) — ELEVATION 2.9'
- HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
- MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
- MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
- FIELD LOCATED WETLAND BOUNDARY
- LOD — LIMITS OF PROJECT DISTURBANCE
- — — AMTRAK RIGHT OF WAY (ROW)

- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW C.J.L.
- BELOW LCSTV



FILE NAME: J:\2020\MB106\ACTIVITY 7\_CJL STATE IMPACT PLAN.dwg  
 PLOT DATE: 05/22/2023 09:53 AM  
 DRAWING PLOT TIME: 1:05

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**  
 National Railroad Passenger Corporation  
 30th Street Station, Philadelphia, Pennsylvania 19104

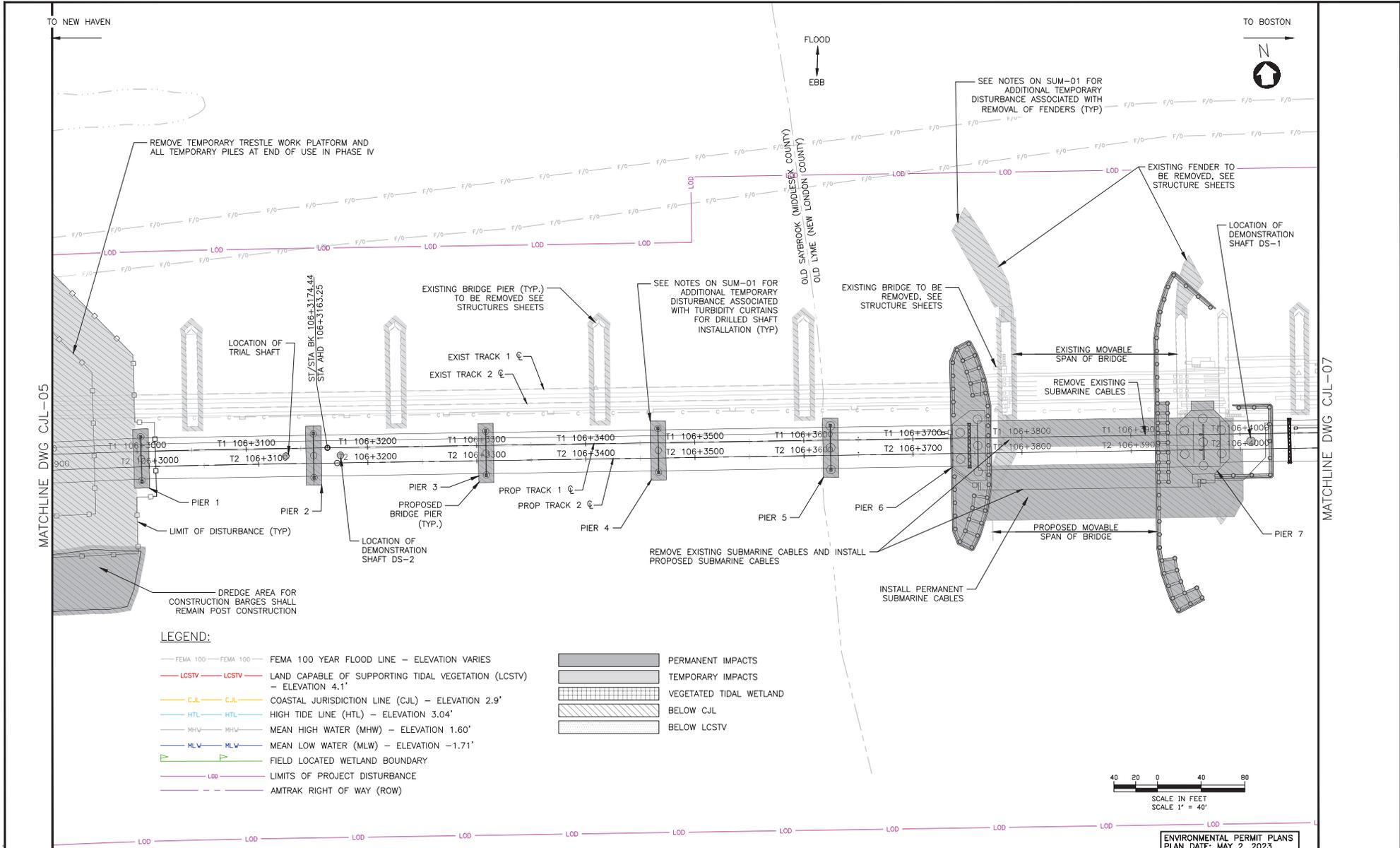
Approved	Date



**ENVIRONMENTAL PERMIT PLANS**  
 PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
 ENGINEERING  
 1501 Broadway New York, NY 10036  
 1700 Market St. Suite 1050  
 Philadelphia, PA 19103

OLD SAYBROOK	CONNECTICUT	Project Code: XXXX-XXXX
<b>REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER</b>		WBS: 46 OF 140
<b>CJL STATE IMPACT PLAN</b>		Sheet No. 46 OF 140
Designed: CB	Drawn: CB/MD	Checked: KM
Date: 5/22/2023	Date: 5/22/2023	
DWG NO: <b>CJL-05</b>		



**LEGEND:**

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
  - LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
  - C.J.L. — C.J.L. — COASTAL JURISDICTION LINE (CJL) — ELEVATION 2.9'
  - HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
  - MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
  - MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
  - FIELD LOCATED WETLAND BOUNDARY
  - LOD — LOD — LIMITS OF PROJECT DISTURBANCE
  - AMTRAK RIGHT OF WAY (ROW)
- [Solid Grey Box] PERMANENT IMPACTS
  - [Hatched Box] TEMPORARY IMPACTS
  - [Cross-hatched Box] VEGETATED TIDAL WETLAND
  - [Diagonal Lines Box] BELOW CJL
  - [Dotted Box] BELOW LCSTV



ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**

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

Approved	Date



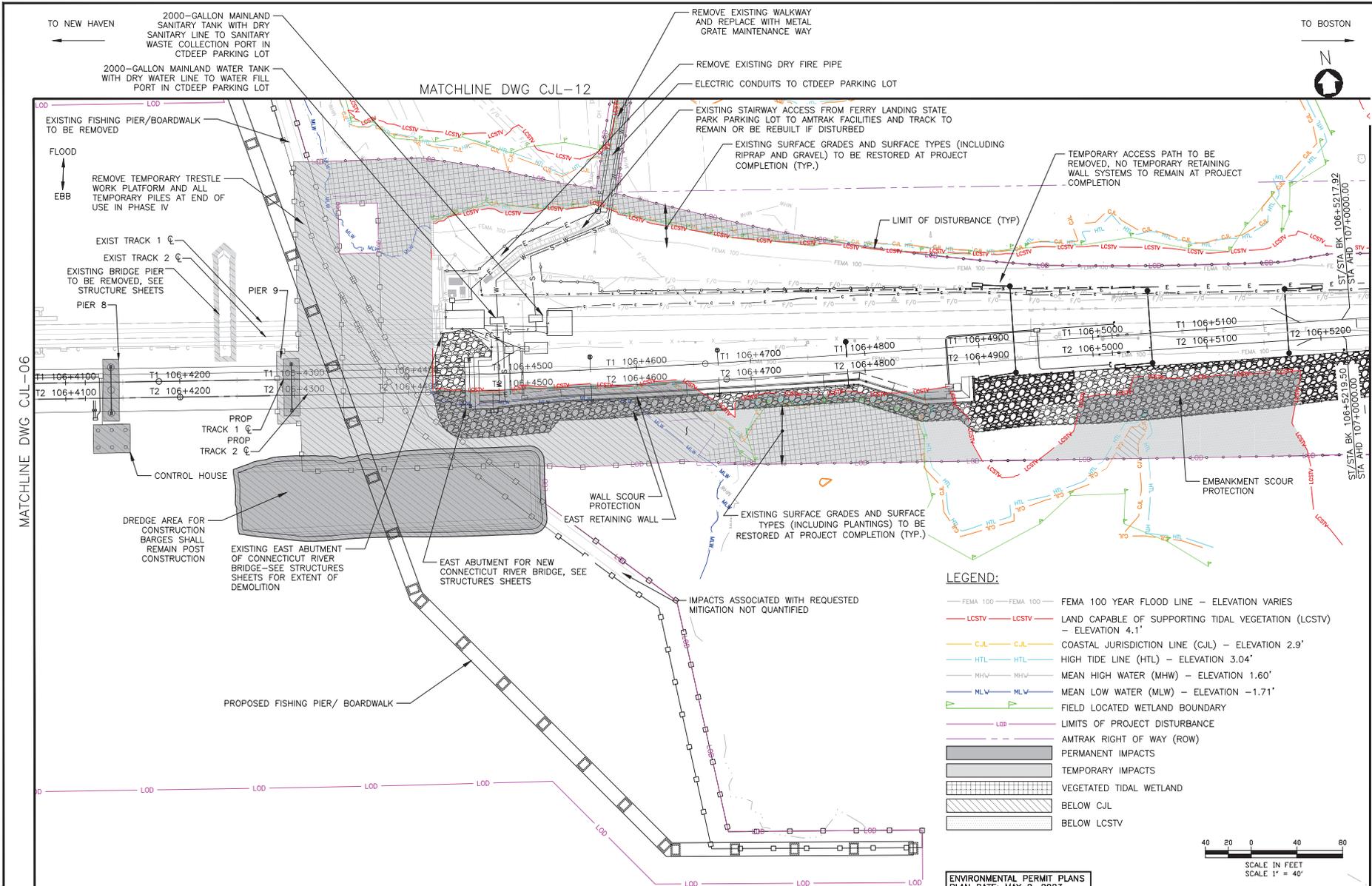
**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

CONNECTICUT  
**REPLACEMENT OF MB 106.89  
OVER CONNECTICUT RIVER**  
CJL STATE IMPACT PLAN

Designed CB Drawn CB/MD Checked KM Date 5/2/2023

Project Code	XXX-XXX
WBS:	
Sheet No.	47 OF 140
Dwg. No.	<b>CJL-06</b>

FILE NAME: J:\2020\HWYACTIVITY 7\_CJL\_DRAWING  
 PROJECT NUMBER: 2020 2023 053 AM  
 PLOT SCALE: 1" = 40'  
 DRAWING PLOT TIME: 1:15



- LEGEND:**
- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE - ELEVATION VARIES
  - LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) - ELEVATION 4.1'
  - C.J.L. — C.J.L. — COASTAL JURISDICTION LINE (C.J.L.) - ELEVATION 2.9'
  - HTL — HTL — HIGH TIDE LINE (HTL) - ELEVATION 3.04'
  - MHW — MHW — MEAN HIGH WATER (MHW) - ELEVATION 1.60'
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  - — — FIELD LOCATED WETLAND BOUNDARY
  - — — LIMITS OF PROJECT DISTURBANCE
  - — — AMTRAK RIGHT OF WAY (ROW)
  - PERMANENT IMPACTS
  - TEMPORARY IMPACTS
  - VEGETATED TIDAL WETLAND
  - BELOW C.J.L.
  - BELOW LCSTV



ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

FILE NAME: 21000-MB-WFV ACTIVITY 7 - C.J.L. SHEET.DWG  
PLOT SCALE: 1" = 40'  
DRAWING PLOT TIME: 1:15

No.	Revisions	Date	By



Office of Chief Engineer  
**STRUCTURES**  
National Railroad Passenger Corporation  
30th Street Station, Philadelphia, Pennsylvania 19104

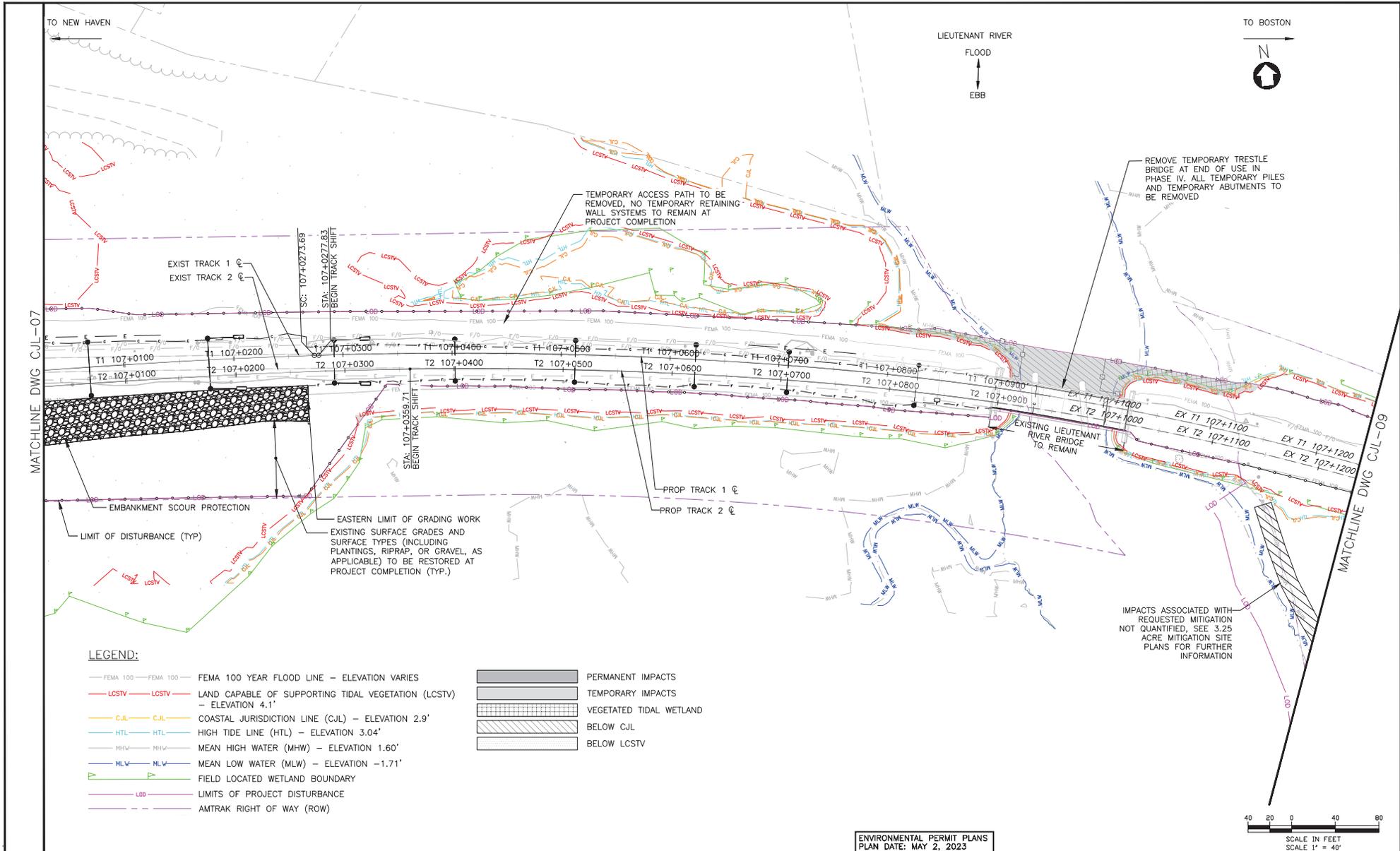
Approved	Date



**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

CONNECTICUT  
**REPLACEMENT OF MB 106.89  
OVER CONNECTICUT RIVER**  
C.J.L STATE IMPACT PLAN  
Designed CB Drawn CB/MD Checked KM Date 5/22/2023

Project Code: XXX-XXX  
WBS:  
Sheet No. 48 OF 140  
Drawn By: **CJL-07**



LIEUTENANT RIVER  
FLOOD  
EBB

TO BOSTON  
N

**LEGEND:**

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
  - LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
  - C-JL — C-JL — COASTAL JURISDICTION LINE (C-JL) — ELEVATION 2.9'
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  - MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
  - MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
  - FLD — FLD — FIELD LOCATED WETLAND BOUNDARY
  - LBD — LBD — LIMITS OF PROJECT DISTURBANCE
  - ROW — ROW — AMTRAK RIGHT OF WAY (ROW)
- PERMANENT IMPACTS
  - TEMPORARY IMPACTS
  - VEGETATED TIDAL WETLAND
  - BELOW C-JL
  - BELOW LCSTV

IMPACTS ASSOCIATED WITH REQUESTED MITIGATION NOT QUANTIFIED. SEE 3.25 ACRE MITIGATION SITE PLANS FOR FURTHER INFORMATION

40 20 0 40 80  
SCALE IN FEET  
SCALE 1" = 40'

FILE NAME: J:\2020\MB106\ACTIVITY 7\_CJL STATE IMPACT PLAN DATE: MAY 2, 2023 10:55 AM

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**  
National Railroad Passenger Corporation  
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

DESIGNED	CB	DRAWN	CB/MD	CHECKED	KM	DATE	5/22/2023
CONNECTICUT							
REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER							
CJL STATE IMPACT PLAN							
Project Code	XXXX XXXX						
WBS:	49 OF 140						
Sheet No.	CJL-08						
Dwg. #	CJL-08						

TO NEW HAVEN

TO BOSTON

MATCHLINE DWG CJL-11

MATCHLINE DWG CJL-11

MATCHLINE DWG CJL-10

TEMPORARY ACCESS PATH TO BE REMOVED, NO TEMPORARY RETAINING WALL SYSTEMS TO REMAIN AT PROJECT COMPLETION

EXIST TRACK 1  
EXIST TRACK 2

EXISTING SURFACE GRADES AND SURFACE TYPES (INCLUDING PLANTINGS, RIPRAP, OR GRAVEL AS APPLICABLE) TO BE RESTORED AT PROJECT COMPLETION (TYP.)

LIMIT OF DISTURBANCE (TYP)

8'-0" CHAIN LINK FENCE 1' INBOUND FROM ROW TO COMPLY WITH MOA ON HISTORIC SITES

IMPACTS ASSOCIATED WITH REQUESTED MITIGATION NOT QUANTIFIED. SEE 3.25 ACRE MITIGATION SITE PLANS FOR FURTHER INFORMATION

LEGEND:

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
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- PERMANENT IMPACTS
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- VEGETATED TIDAL WETLAND
- BELOW C.J.L.
- BELOW LCSTV



No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**

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

Approved	Date



ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

CONNECTICUT

**REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER**

**CJL STATE IMPACT PLAN**

Designed CB Drawn CB/MD Checked KM Date 5/2/2023

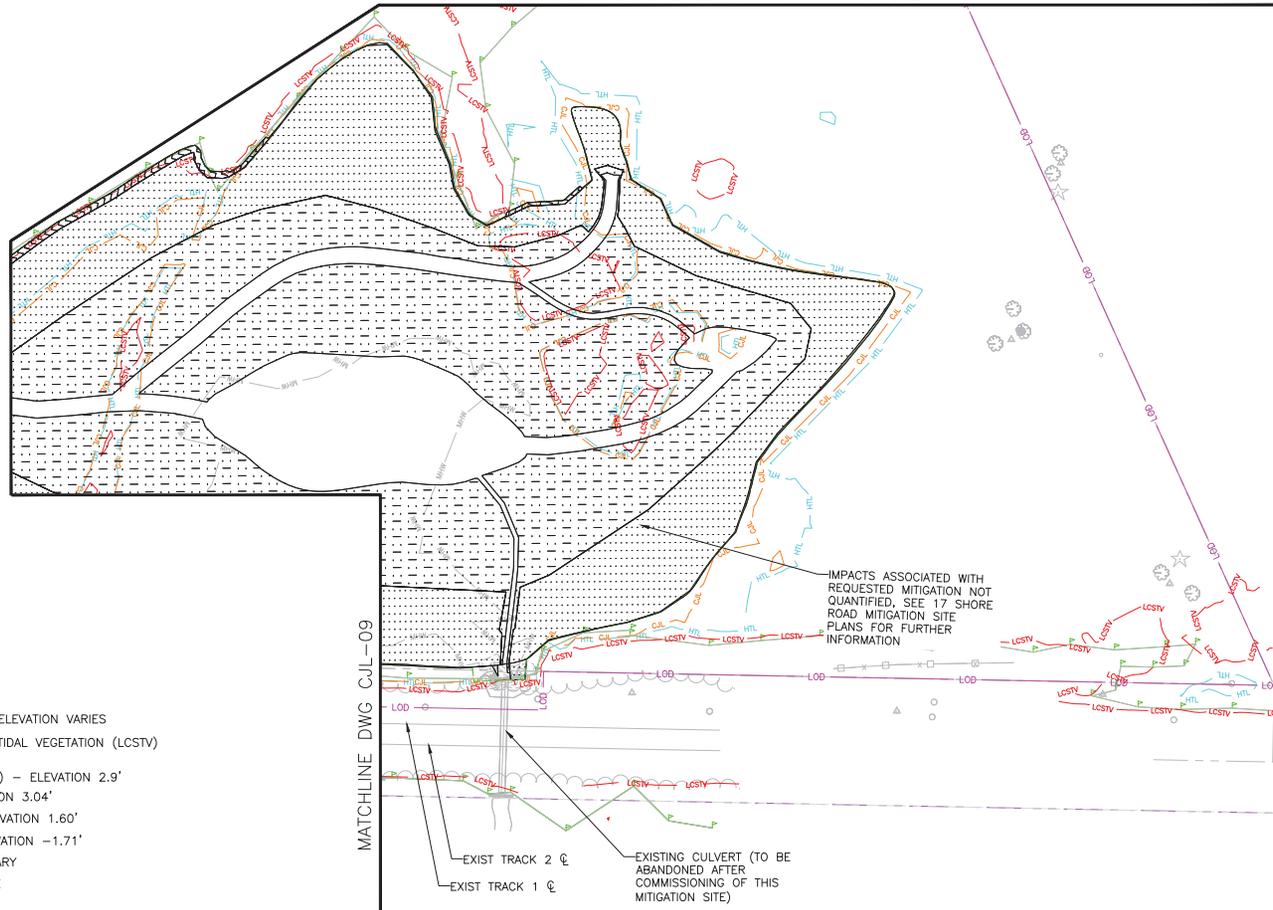
Project Code: XXX-XXX  
WBS: 50 OF 140  
Sheet No.: 50 OF 140  
Dwg. #: **CJL-09**

FILE NAME: 21000-MB106.89-IMPACT PLAN - CJL - 09.dwg  
DATE PLOTTED: 05/02/2023 10:58 AM  
DRAWING PLOT TIME: 1:05

TO NEW HAVEN

TO BOSTON

MATCHLINE DWG CJL-11



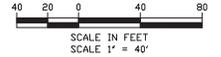
**LEGEND:**

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- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW CJL
- BELOW LCSTV

IMPACTS ASSOCIATED WITH REQUESTED MITIGATION NOT QUANTIFIED, SEE 17 SHORE ROAD MITIGATION SITE PLANS FOR FURTHER INFORMATION

MATCHLINE DWG CJL-09

EXIST TRACK 2 ☉  
EXIST TRACK 1 ☉  
EXISTING CULVERT (TO BE ABANDONED AFTER COMMISSIONING OF THIS MITIGATION SITE)



FILE NAME: J:\21000\HWYACTIVITY 7\_CJL\_DRAWING  
PROJECT NUMBER: 21000 HWYACTIVITY 7  
DRAWN BY: JAC  
CHECKED BY: JAC  
DATE: 5/22/2023

No.	Revisions	Date	By

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Office of Chief Engineer  
**STRUCTURES**  
National Railroad Passenger Corporation  
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date

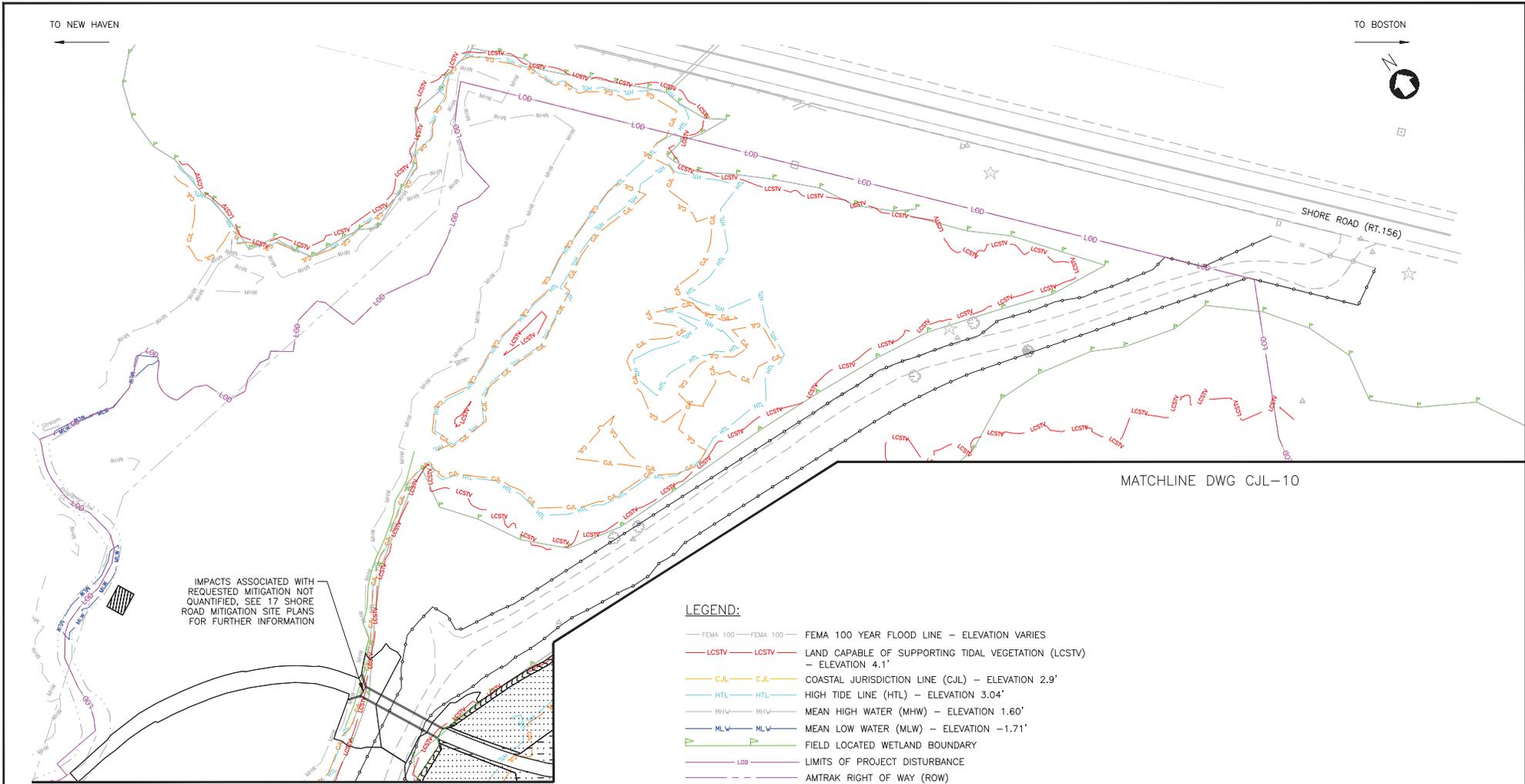


ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
ENGINEERING  
1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

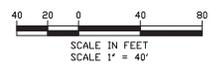
OLD SAYBROOK CONNECTICUT  
**REPLACEMENT OF MB 106.89 OVER CONNECTICUT RIVER**  
CJL STATE IMPACT PLAN  
Designed CB Drawn CB/MD Checked KM Date 5/22/2023

Project Code	XXXX-XXX
WBS:	
Sheet No.	51 OF 140
Dwg. No.	<b>CJL-10</b>



IMPACTS ASSOCIATED WITH REQUESTED MITIGATION NOT QUANTIFIED, SEE 17 SHORE ROAD MITIGATION SITE PLANS FOR FURTHER INFORMATION

- LEGEND:**
- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
  - LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
  - CJL — CJL — COASTAL JURISDICTION LINE (CJL) — ELEVATION 2.9'
  - HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
  - MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
  - MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
  - FLD — FLD — FIELD LOCATED WETLAND BOUNDARY
  - LDB — LDB — LIMITS OF PROJECT DISTURBANCE
  - ROW — ROW — AMTRAK RIGHT OF WAY (ROW)
  - PERMANENT IMPACTS
  - TEMPORARY IMPACTS
  - VEGETATED TIDAL WETLAND
  - BELOW CJL
  - BELOW LCSTV



FILE NAME: J:\2020\MB106\ACTIVITY 7\_CJL\_DRAWING  
 PLOT SCALE: 1" = 40'  
 DRAWING PLOT TIME: 1:15

No.	Revisions	Date	By

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 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



ENVIRONMENTAL PERMIT PLANS  
 PLAN DATE: MAY 2, 2023

**HARDESTY & HANOVER, LLC**  
 ENGINEERING  
 1501 Broadway New York, NY 10036  
 1700 Market St. Suite 1050  
 Philadelphia, PA 19103

DESIGNED	CB	DRAWN	CBMD	CHECKED	KM	DATE	5/2/2023
PROJECT CODE	XXXX-XXX	WBS:		SHEET NO.	52 OF 140	DWG NO.	CJL-11

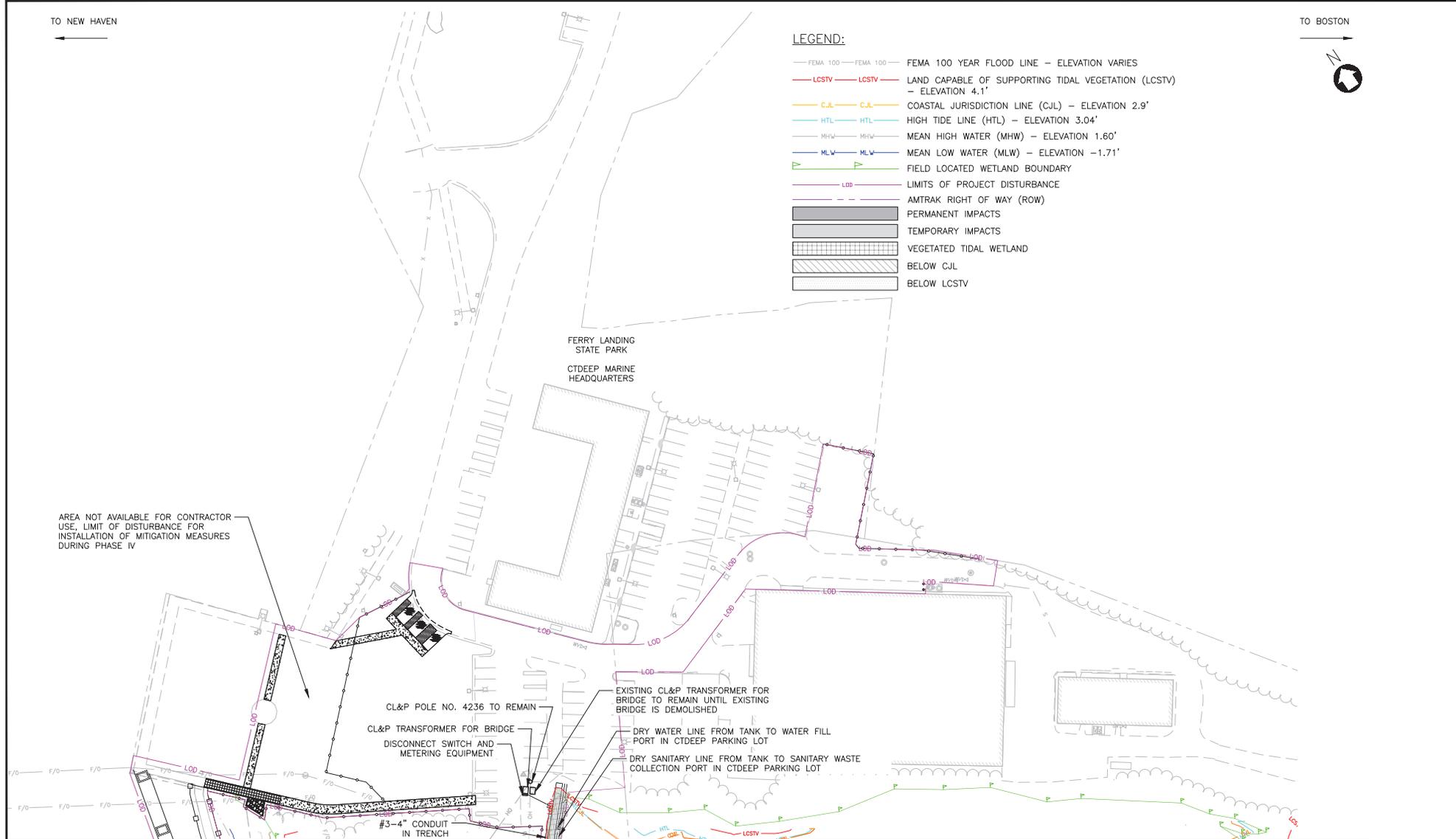
TO NEW HAVEN

TO BOSTON



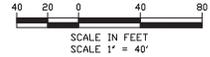
LEGEND:

- FEMA 100 — FEMA 100 — FEMA 100 YEAR FLOOD LINE — ELEVATION VARIES
- LCSTV — LCSTV — LAND CAPABLE OF SUPPORTING TIDAL VEGETATION (LCSTV) — ELEVATION 4.1'
- C.J.L. — C.J.L. — COASTAL JURISDICTION LINE (C.J.L.) — ELEVATION 2.9'
- HTL — HTL — HIGH TIDE LINE (HTL) — ELEVATION 3.04'
- MHW — MHW — MEAN HIGH WATER (MHW) — ELEVATION 1.60'
- MLW — MLW — MEAN LOW WATER (MLW) — ELEVATION -1.71'
- FIELD LOCATED WETLAND BOUNDARY
- LOD — LIMITS OF PROJECT DISTURBANCE
- AMTRAK RIGHT OF WAY (ROW)
- PERMANENT IMPACTS
- TEMPORARY IMPACTS
- VEGETATED TIDAL WETLAND
- BELOW CJL
- BELOW LCSTV



AREA NOT AVAILABLE FOR CONTRACTOR USE, LIMIT OF DISTURBANCE FOR INSTALLATION OF MITIGATION MEASURES DURING PHASE IV

MATCHLINE DWG CJL-07



FILE NAME: J:\2020\MB106\ACTIVITY 7\_CJL\_DRAWING  
PROJECT NUMBER: 106-89  
DRAWN BY: JAC  
DATE: 5/22/2023

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ENVIRONMENTAL PERMIT PLANS  
PLAN DATE: MAY 2, 2023

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1501 Broadway New York, NY 10036  
1700 Market St. Suite 1050  
Philadelphia, PA 19103

DESIGNED	CB	DRAWN	CB/MD	CHECKED	KM	DATE	5/22/2023
PROJECT CODE	XXXX-XXXX	WBS:		SHEET NO.	53 OF 140	DWG. NO.	CJL-12