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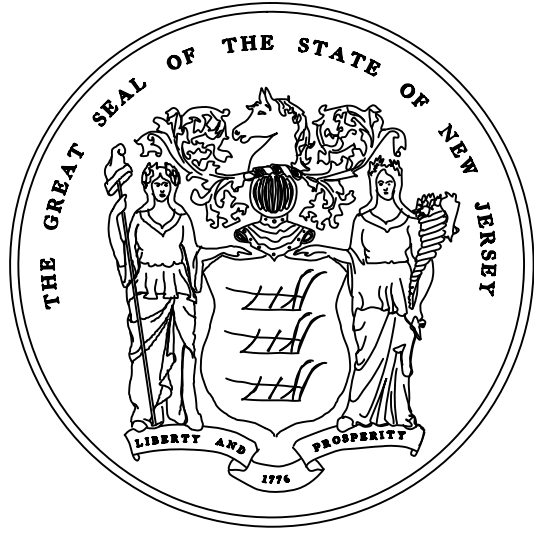
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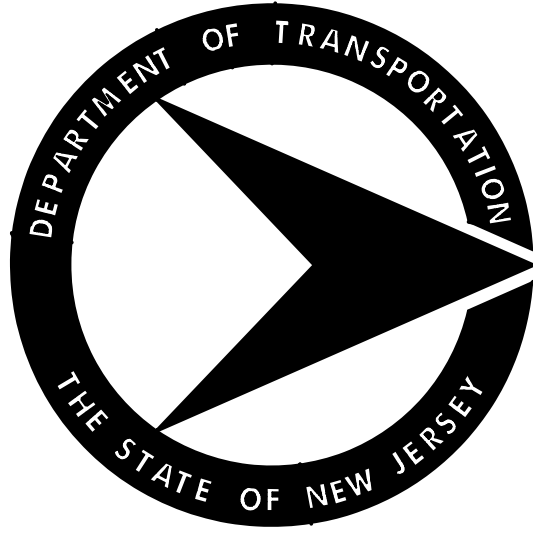
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\$\$\$\$\$DGN\$PC\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$

NJDOT Design Services



State of New Jersey
Department of Transportation



PLANS OF

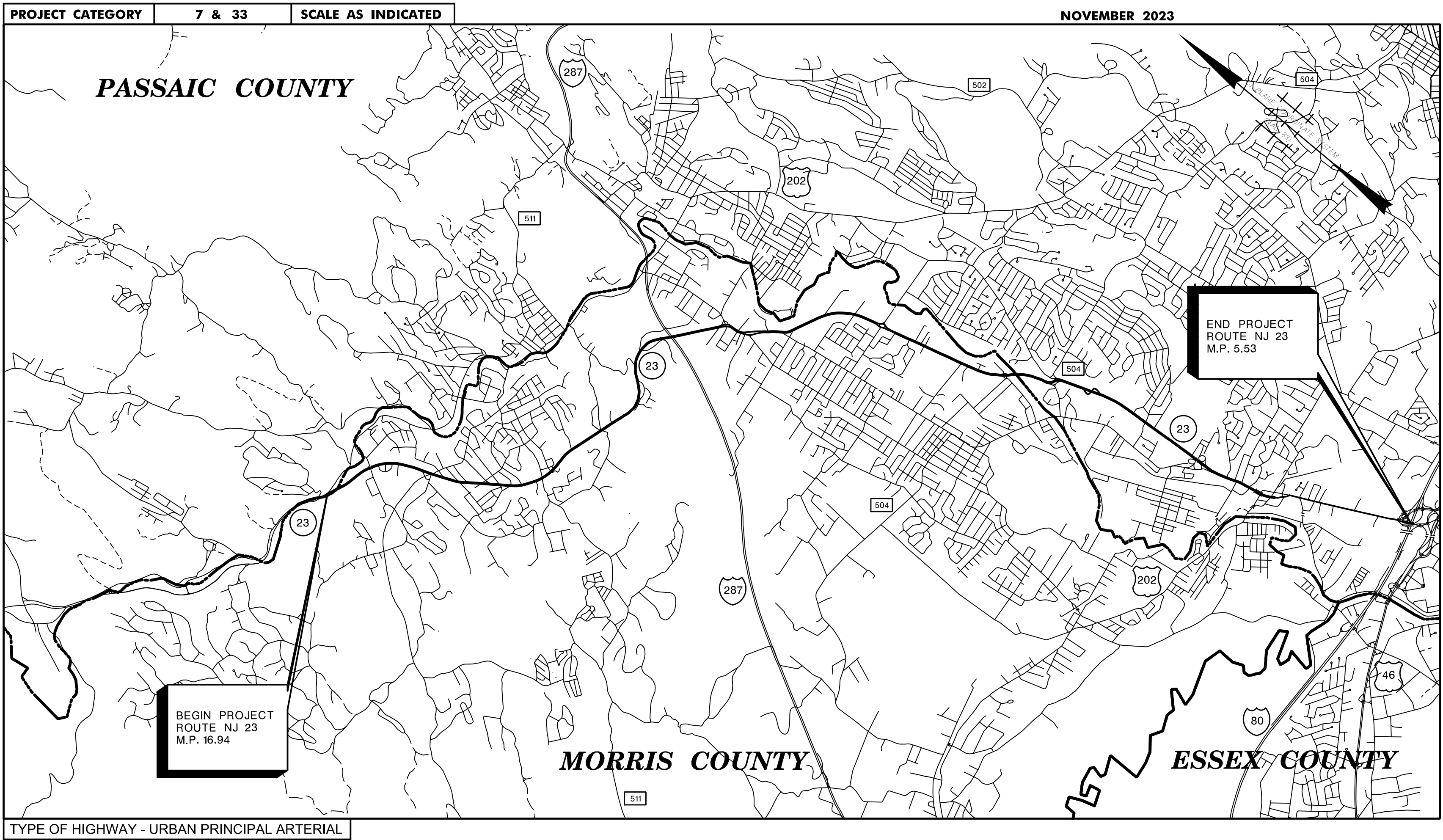
RT 23, RT 80 TO CR 694 (PATERSON HAMBURG TURNPIKE), ATS C#1
CONTRACT NO. XXXXXX
FRESHWATER WETLAND PERMIT PLANS

TOWNSHIP OF PEQUANNOCK
BOROUGH OF RIVERDALE, KINNELON, BUTLER
TOWNSHIP OF WAYNE

MORRIS COUNTY

PASSIAC COUNTY

NOVEMBER 2023



ALL CONTOURS AND ELEVATIONS PROVIDED
IN THE PLAN SET WERE GENERATED FROM
THE NJDEP LIDAR. THE CONVERSION FACTOR
IS NGVD29 = NAVD88 + 1.050 FEET

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

WSP USA Inc.
CERTIFICATE OF AUTHORIZATION NO. XXX
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

LENGTH OF PROJECT ROUTE 23 = 60,245 LIN. FT. OR 11.41 MILES
TOTAL LENGTH OF FEDERAL PROJECT NO. XXX-XXX(XXX) = 60,245 LIN. FT. OR 11.41 MILES

KEY MAP



2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION TO GOVERN

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

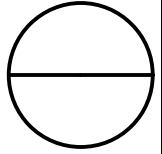
INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	KEY
2-69	FRESHWATER WETLAND

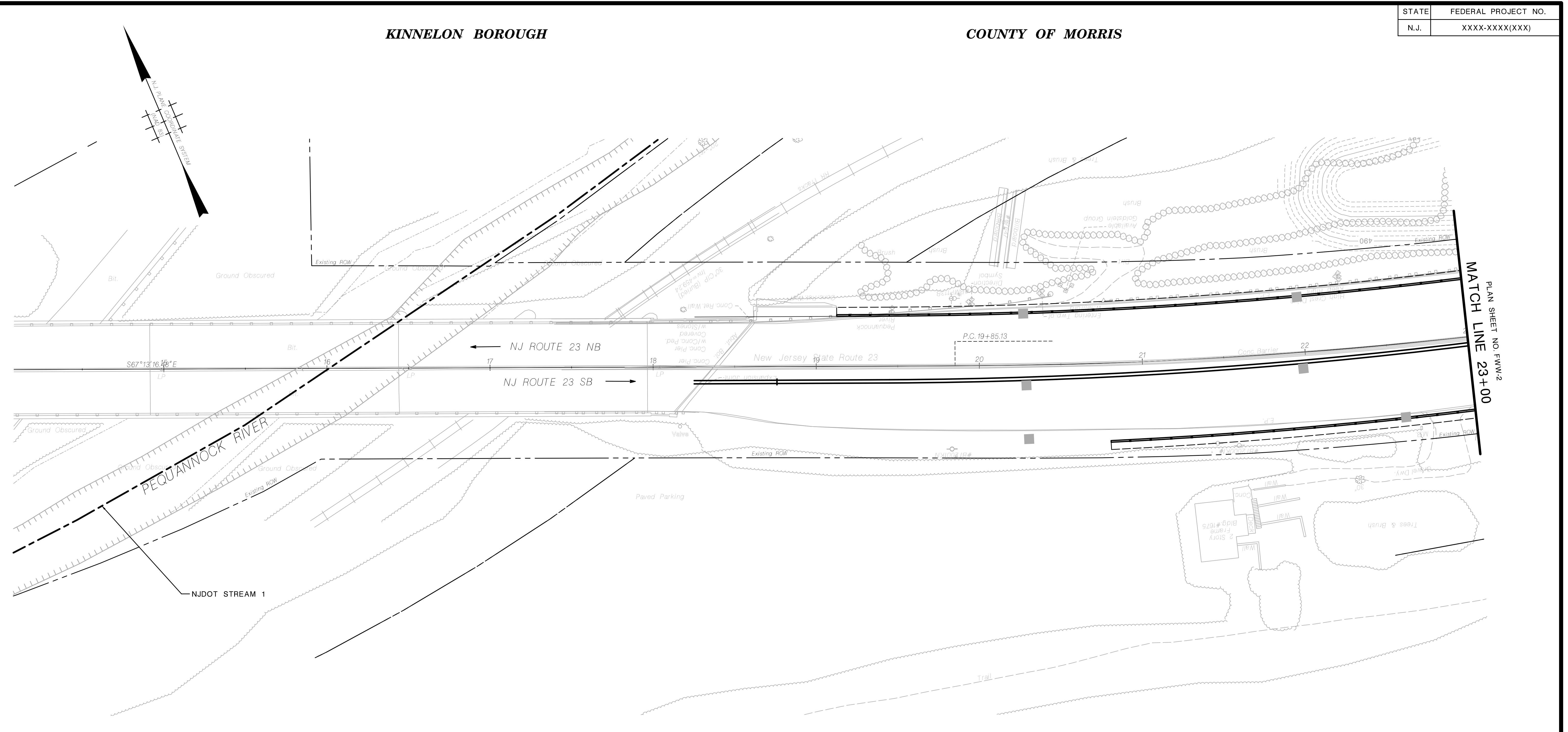
SUMMARY OF WETLAND IMPACTS (ENTIRE PROJECT)				
PERMIT NAME	TRANSITION AREA TEMPORARY IMPACTS	TRANSITION AREA PERMANENT IMPACTS	FRESHWATER WETLAND TEMPORARY IMPACTS	FRESHWATER WETLAND PERMANENT IMPACTS
GP#2 Underground Utility Lines	0.930 AC	0.0 AC	0.005 AC	0.0 AC
GP#21 Aboveground Utility Lines	0.0 AC	0.001 AC	0.0 AC	0.0 AC

STANDARD ROADWAY CONSTRUCTION/TRAFFIC
CONTROL/BRIDGE CONSTRUCTION DETAILS
BOOKLET, 2016 AND STANDARD ELECTRICAL
DETAILS BOOKLET, 2007 ARE APPLICABLE
TO THIS PROJECT EXCEPT FOR THOSE
DETAILS CONTAINED HEREIN.

MID-POINT OF PROJECT
LATITUDE: 40° 58' 22" N
LONGITUDE: 74° 17' 15" W

Submitted by _____ Date _____
Director, Mobility Engineering
Approved by _____ Date _____
State Transportation Engineer





STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

PLAN SHEET NO. FWW-2
MATCH LINE 23+00

NO WETLAND IMPACTS THIS SHEET



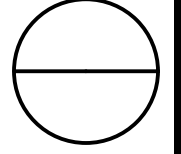
FWW-1
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

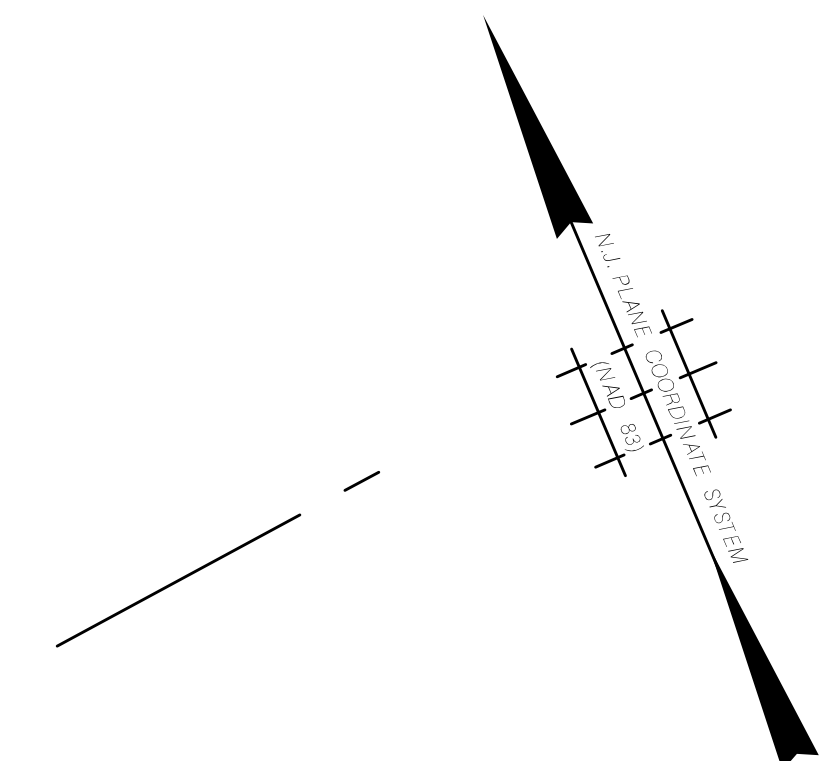
ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

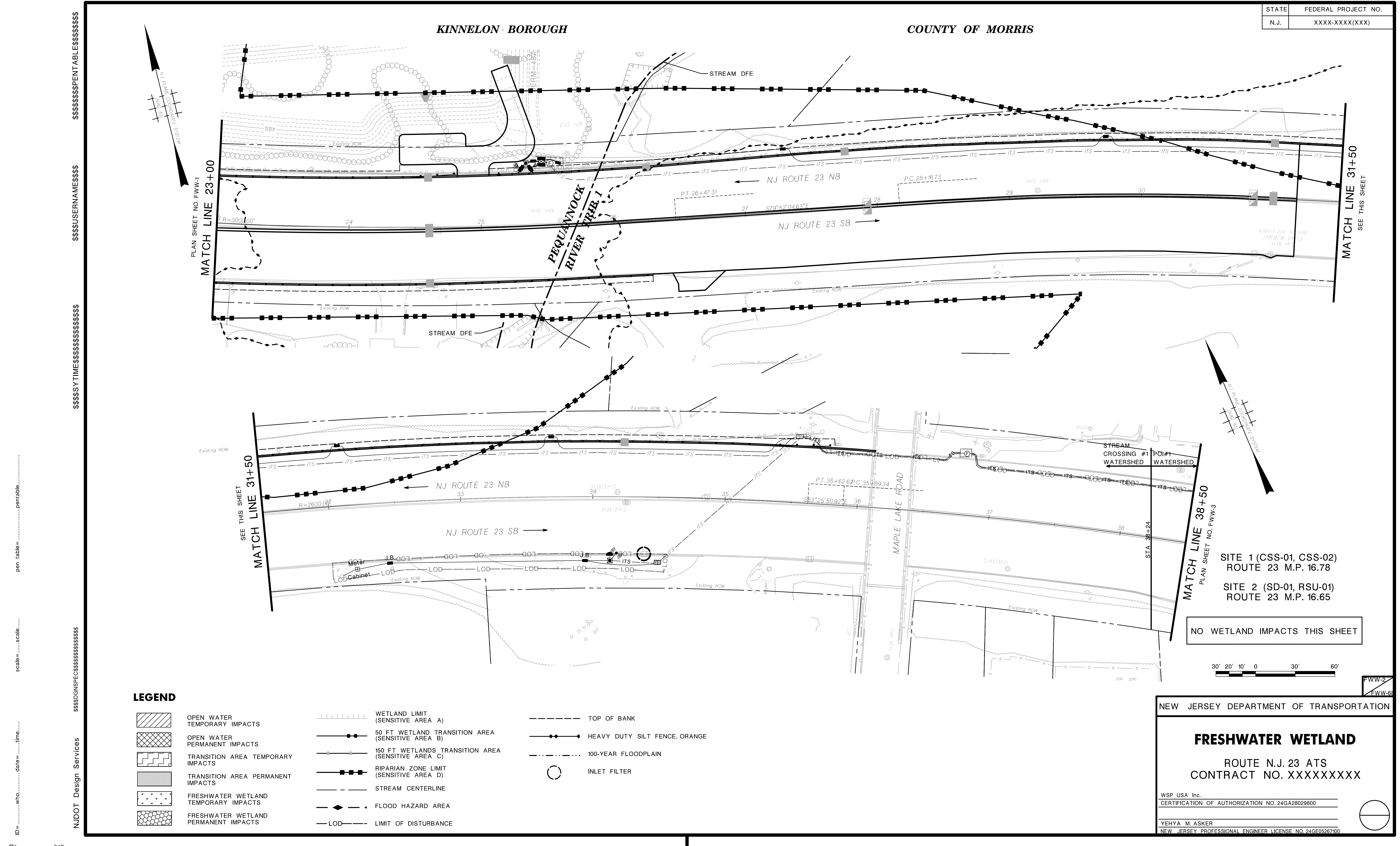


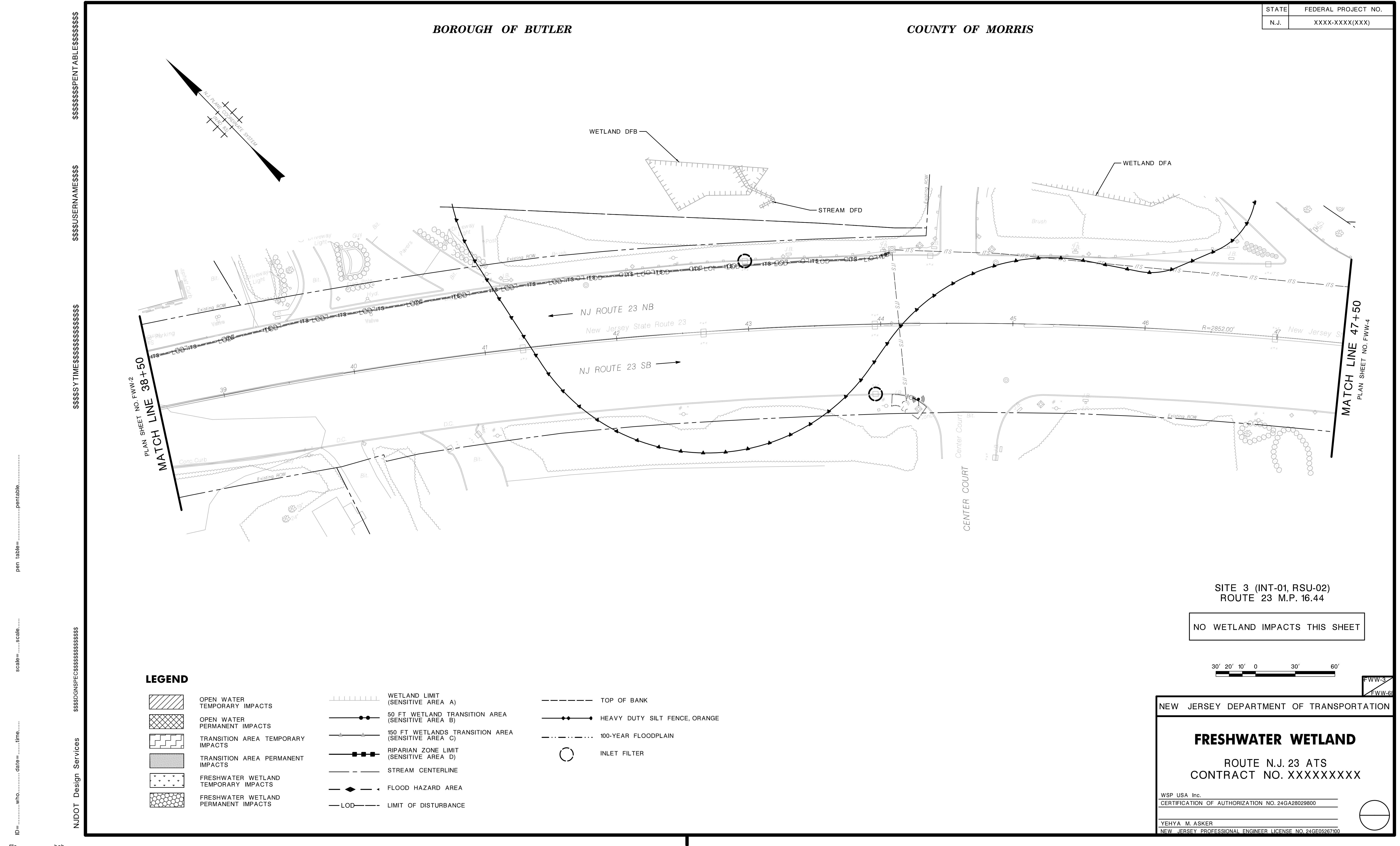
LEGEND

- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |



\$\$\$\$\$PENTABLE\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$TIME\$\$\$\$\$
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$GNSPECS\$\$\$\$\$
NJDOT Design Services
ID=.....who.....date=.....time.....
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pen table=.....pentable.....
file=.....bob.....





STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

BOROUGH OF BUTLER

COUNTY OF MORRIS

PLAN SHEET NO. FWW-2
MATCH LINE 38+50

MATCH LINE 47+50
PLAN SHEET NO. FWW-4

SITE 3 (INT-01, RSU-02)
ROUTE 23 M.P. 16.44

NO WETLAND IMPACTS THIS SHEET

LEGEND

- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD
LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER



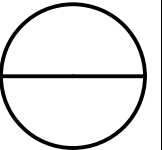
FWW-3
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



ID=.....who.....date=.....time.....
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scale=.....scale.....
file=.....bob.....

NJDOT Design Services \$\$\$\$\$\$SYTIME\$\$\$\$\$PEN\$PENTABLE\$\$\$\$\$USERNAME\$\$\$\$\$

LEGEND

- OPEN WATER TEMPORARY IMPACTS
- OPEN WATER PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS

- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE

- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

NO WETLAND IMPACTS THIS SHEET



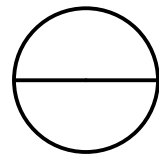
FWW-4
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



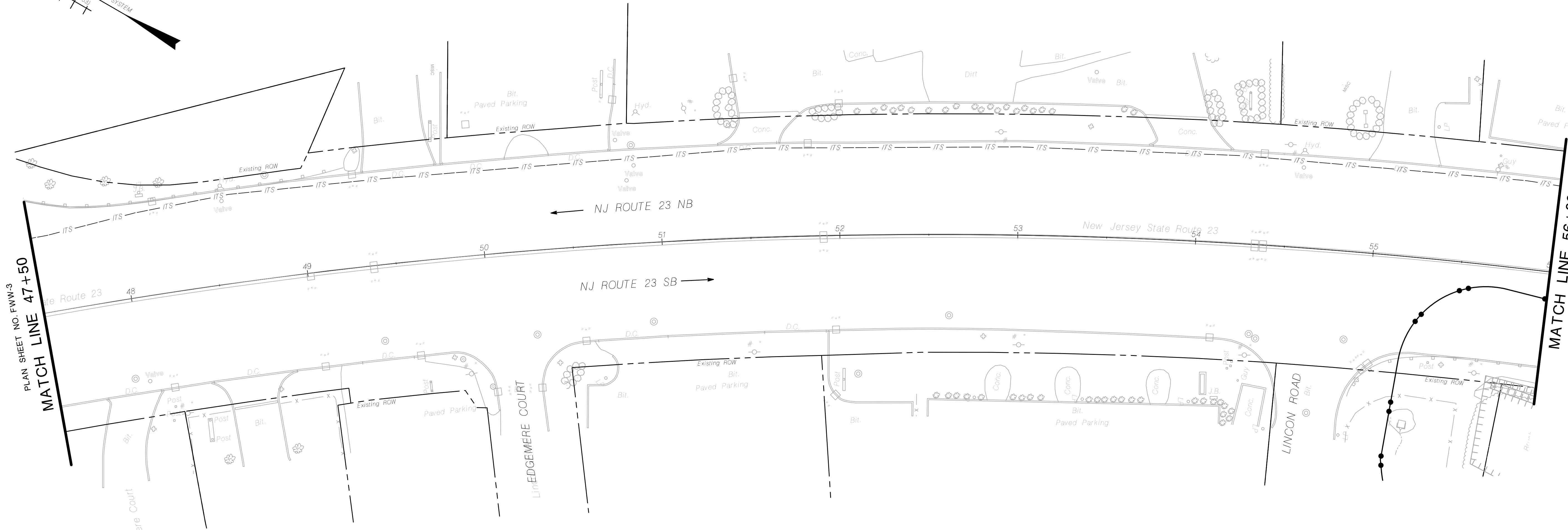
PLAN SHEET NO. FWW-3
MATCH LINE 47+50

MATCH LINE 56+00
PLAN SHEET NO. FWW-5

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LINCON ROAD

pen table=.....pentable.....

scale=.....scale.....

ID=.....who.....date=.....time.....

file=.....bob.....

\$\$\$\$\$PENTABLE\$\$\$\$\$

\$\$\$\$\$USERNAMES\$\$\$\$\$

\$\$\$\$\$SYTIME\$\$\$\$\$

\$\$\$\$\$GNSPEC\$\$\$\$\$

NJDOT Design Services

BOROUGH OF BUTLER

COUNTY OF MORRIS

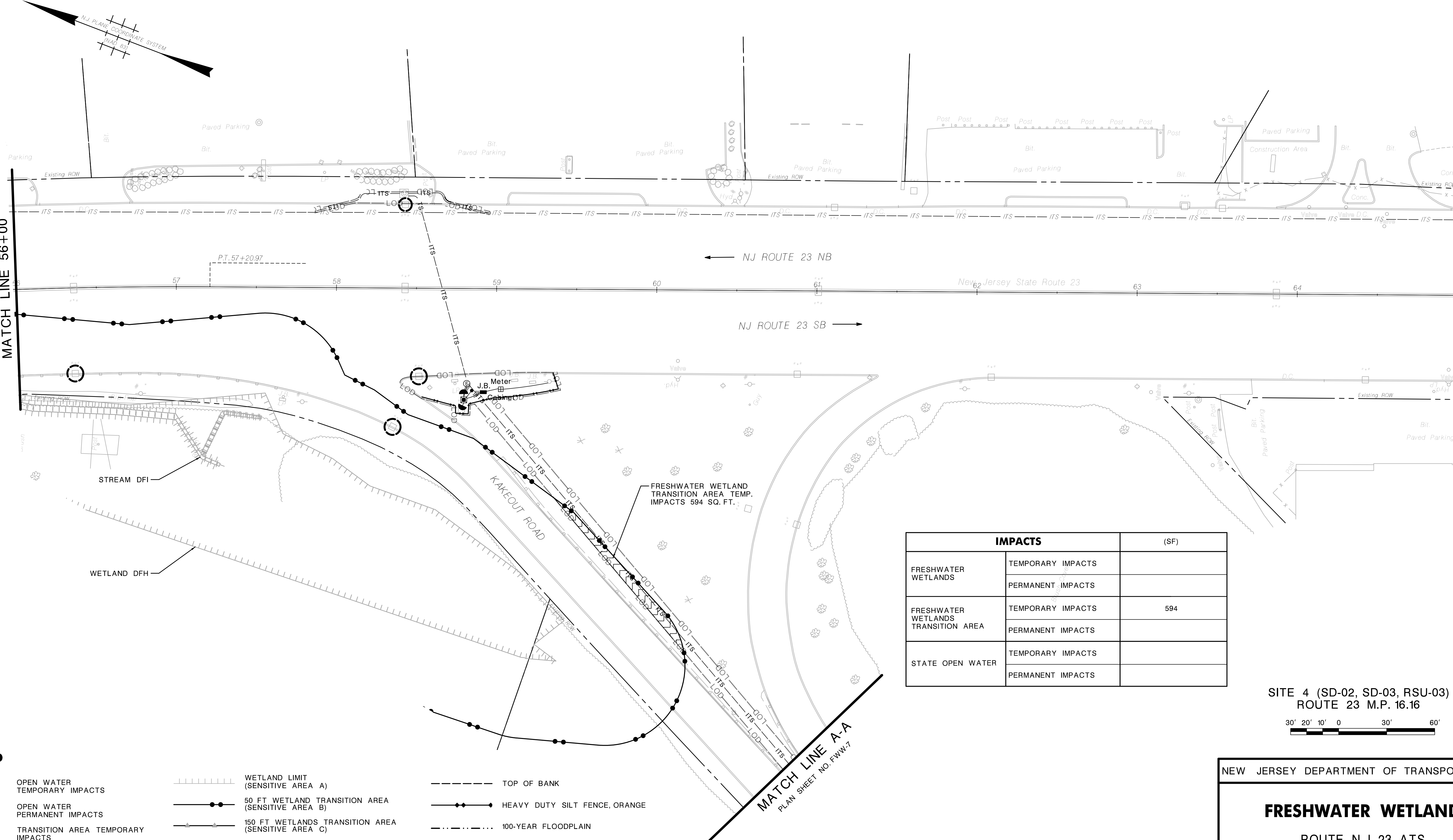
STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

PLAN SHEET NO. FWW-4

MATCH LINE 56+00

MATCH LINE 65+00

PLAN SHEET NO. FWW-6



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD - LIMIT OF DISTURBANCE | | |

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	594
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

SITE 4 (SD-02, SD-03, RSU-03)
ROUTE 23 M.P. 16.16



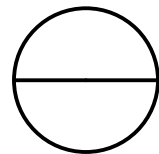
FWW-5
FWW-6

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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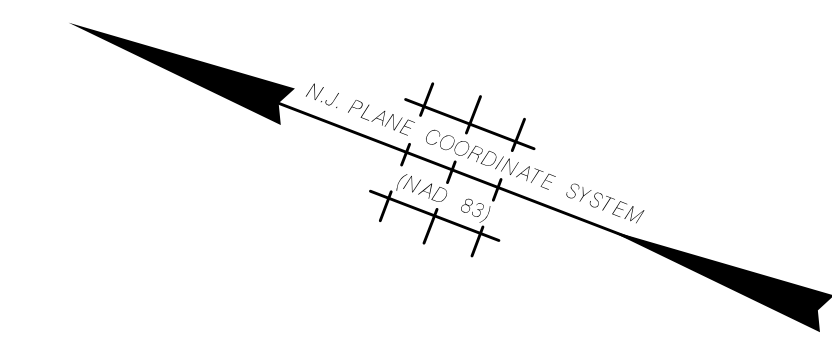
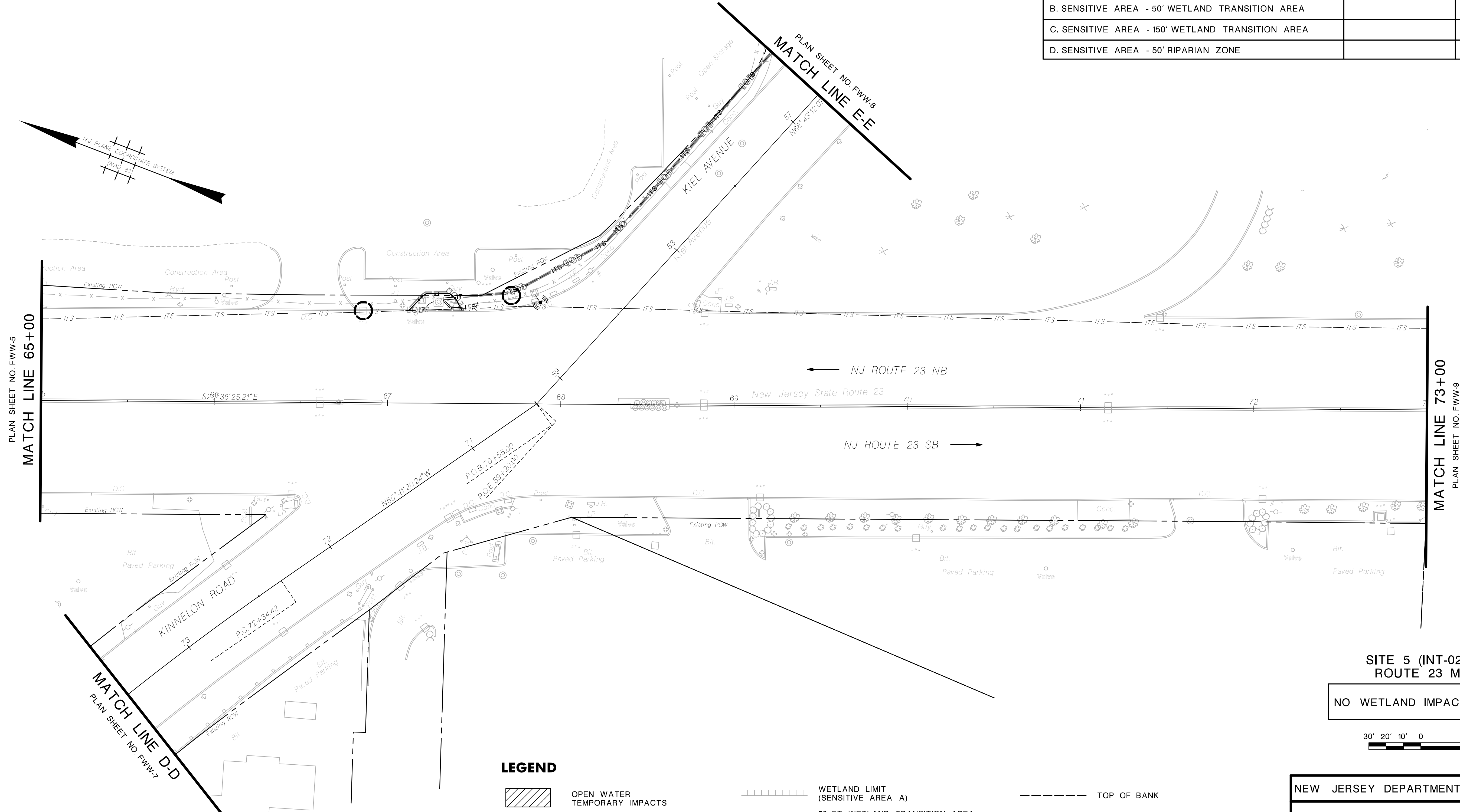
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\$\$\$\$\$YTIMES\$\$\$\$\$
\$\$\$\$\$USERNAMES\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

ENVIRONMENTALLY SENSITIVE AREAS	IMPACTS	AREA (SF)
A. SENSITIVE AREA - WETLANDS		
B. SENSITIVE AREA - 50' WETLAND TRANSITION AREA		
C. SENSITIVE AREA - 150' WETLAND TRANSITION AREA		
D. SENSITIVE AREA - 50' RIPARIAN ZONE		



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

SITE 5 (INT-02, RSU-04)
ROUTE 23 M.P. 15.99

NO WETLAND IMPACTS THIS SHEET



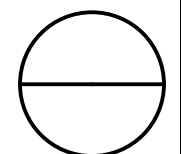
FWW-6
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

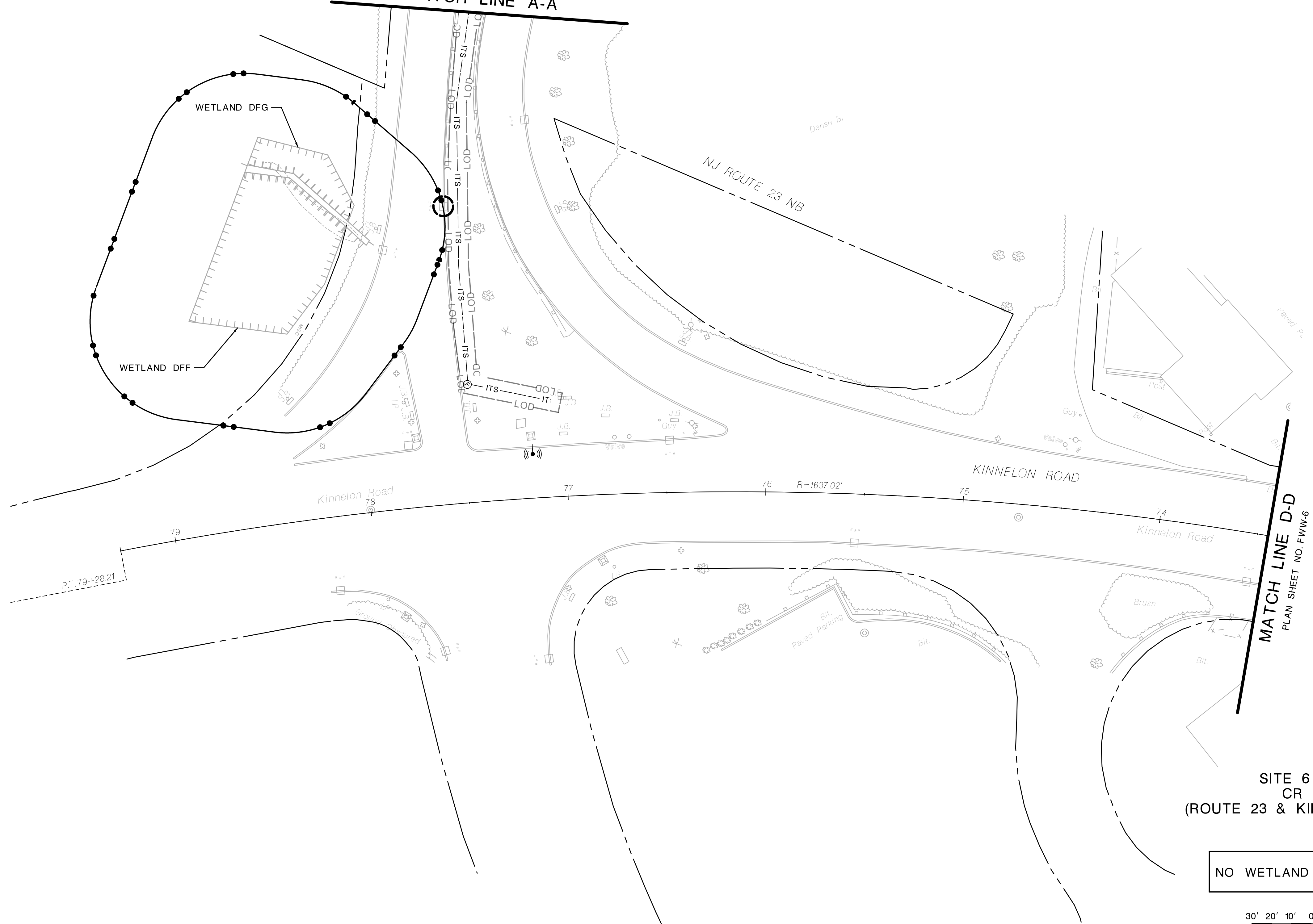
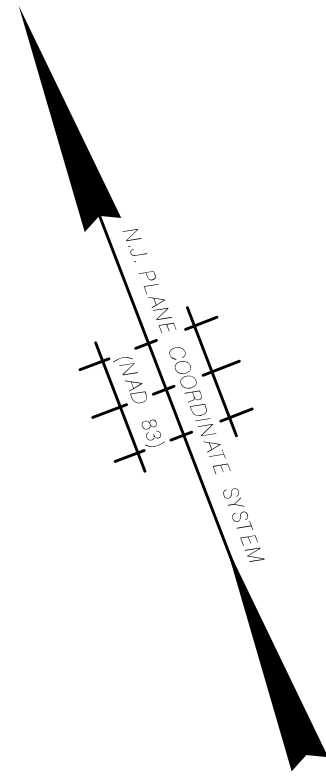


STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

BOROUGH OF BUTLER

COUNTY OF MORRIS

PLAN SHEET NO. FWW-5
MATCH LINE A-A



SITE 6 (INT-03, RSU-05)
CR 618 M.P. 10.96
(ROUTE 23 & KINNELON ROAD M.P. 15.99)

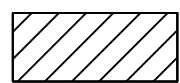
NO WETLAND IMPACTS THIS SHEET



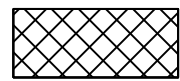
VW-7/

WW-68

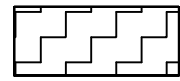
LEGEND



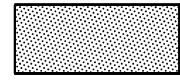
OPEN WATER TEMPORARY IMPACTS



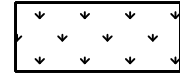
OPEN WATER
PERMANENT IMPACTS



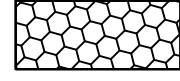
TRANSITION AREA TEMPORARY
IMPACTS



TRANSITION AREA PERMANENT
IMPACTS



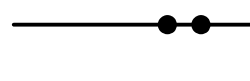
FRESHWATER WETLAND TEMPORARY IMPACTS



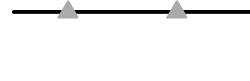
FRESHWATER WETLAND PERMANENT IMPACTS



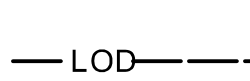
WETLAND LIMIT
(SENSITIVE AREA A)



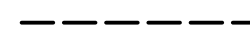
50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)

150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)

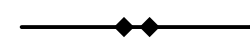
(SENSITIVE AREA D)



LIMIT OF DISTURBANCE



TOP OF BANK



HEAVY DUTY SILT FENCE, ORANGE



100-YEAR FLOODPLAIN



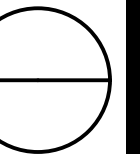
INLET FILTER

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



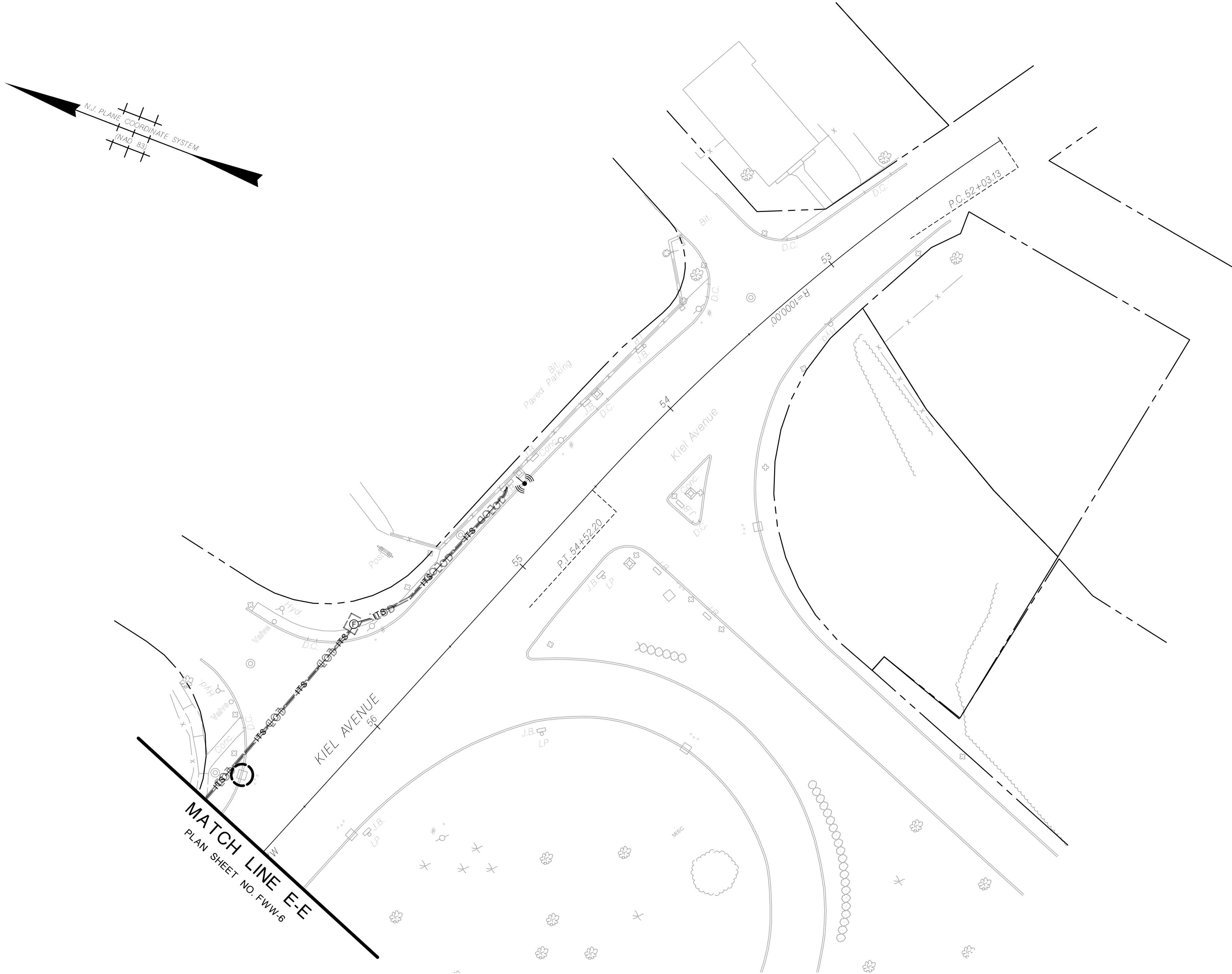
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NJDOT Design Services \$\$\$\$\$\$GN\$PEC\$\$\$\$\$ \$\$\$\$\$\$PEN\$TABLE\$\$\$\$\$ \$\$\$\$\$\$USER\$NAME\$\$\$\$\$ \$\$\$\$\$\$Y\$TIME\$\$\$\$\$ \$\$\$\$\$\$

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- [Pattern] INTERTIDAL & SUBTIDAL SHALLOWS TEMPORARY IMPACTS
- [Pattern] INTERTIDAL & SUBTIDAL SHALLOWS PERMANENT IMPACTS
- [Pattern] TRANSITION AREA TEMPORARY IMPACTS
- [Pattern] TRANSITION AREA PERMANENT IMPACTS
- [Pattern] FRESHWATER WETLAND TEMPORARY IMPACTS
- [Pattern] FRESHWATER WETLAND PERMANENT IMPACTS
- [Symbol] WETLAND LIMIT (SENSITIVE AREA A)
- [Symbol] 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B)
- [Symbol] 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- [Symbol] RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- [Symbol] STREAM CENTERLINE
- [Symbol] FLOOD HAZARD AREA
- [Symbol] LOD LIMIT OF DISTURBANCE
- [Symbol] TOP OF BANK
- [Symbol] HEAVY DUTY SILT FENCE, ORANGE
- [Symbol] 100-YEAR FLOODPLAIN
- [Symbol] INLET FILTER

SITE 7 (INT-04, RSU-06)
CR 618 M.P. 10.96
(ROUTE 23 & KIEL AVENUE M.P. 15.99)

NO WETLAND IMPACTS THIS SHEET



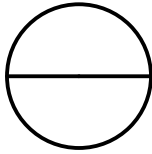
FWW-6
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



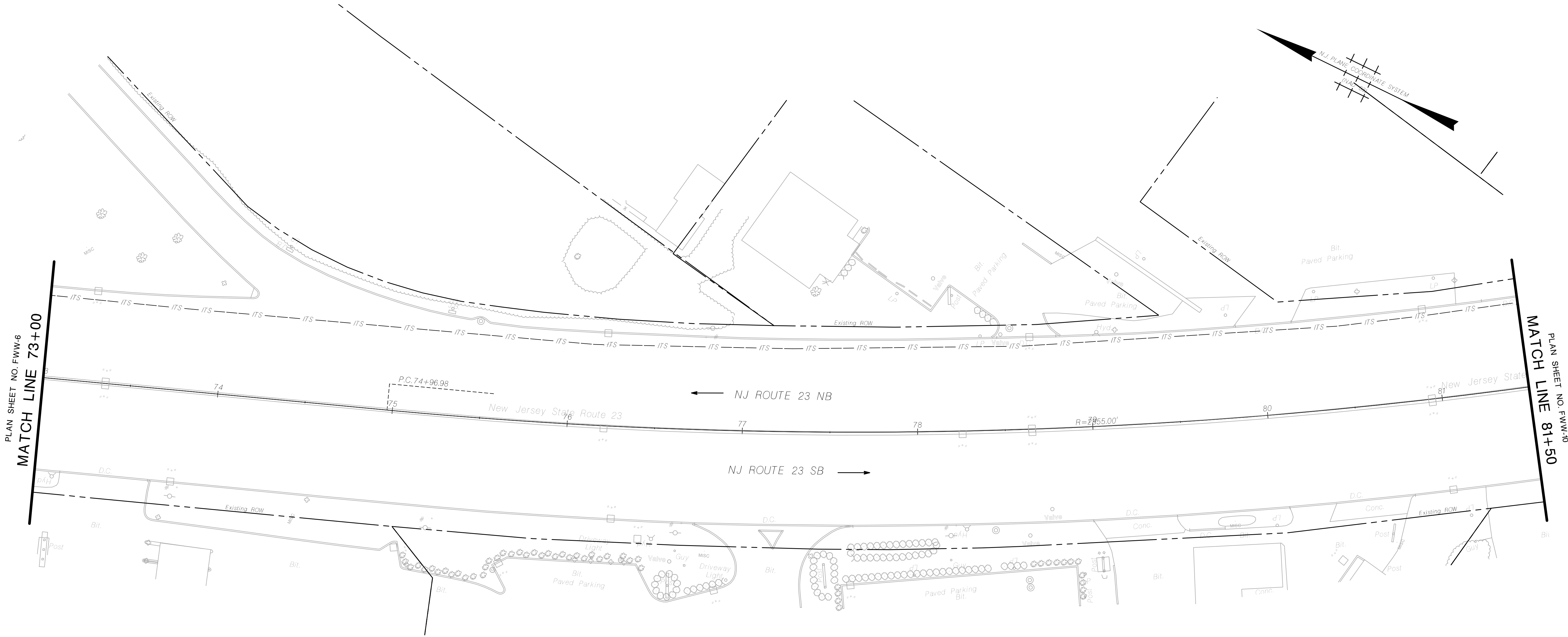
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NJDOT Design Services \$\$\$\$\$\$SYTIME\$\$\$\$\$PEN\$TABLE\$\$\$\$\$USER\$NAME\$\$\$\$\$

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



NO WETLAND IMPACTS THIS SHEET



LEGEND

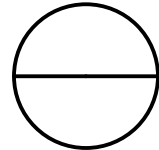
- | | | | | | |
|--|--------------------------------------|--|---|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

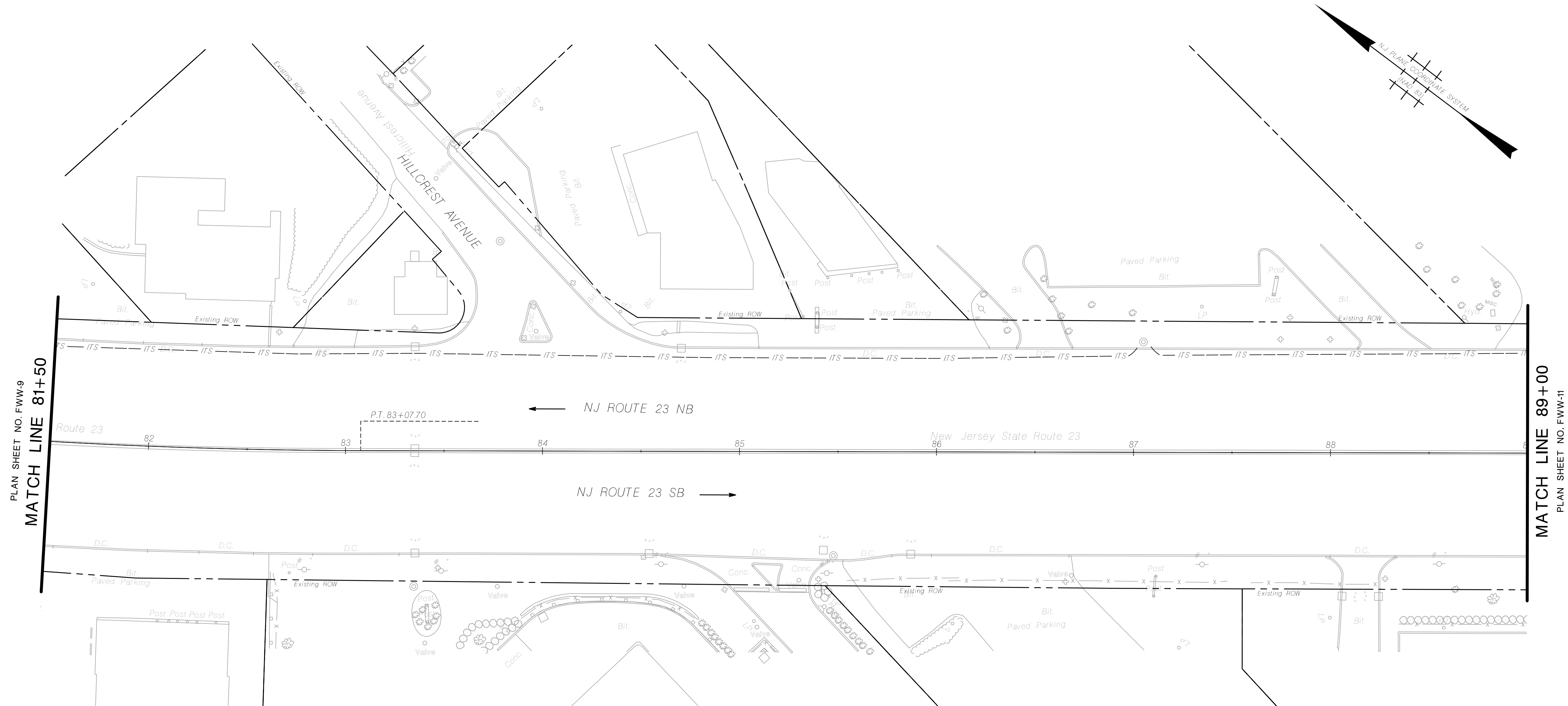
ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



BOROUGH OF BUTLER

COUNTY OF MORRIS



NO WETLAND IMPACTS THIS SHEET



WW-10
FWW-68

LEGEND

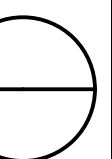
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|---|---|---|--|---|-------------------------------|
|  | OPEN WATER
TEMPORARY IMPACTS |  | WETLAND LIMIT
(SENSITIVE AREA A) |  | TOP OF BANK |
|  | OPEN WATER
PERMANENT IMPACTS |  | 50 FT. WETLAND TRANSITION AREA
(SENSITIVE AREA B) |  | HEAVY DUTY SILT FENCE, ORANGE |
|  | TRANSITION AREA TEMPORARY IMPACTS |  | 150 FT. WETLANDS TRANSITION AREA
(SENSITIVE AREA C) |  | 100-YEAR FLOODPLAIN |
|  | TRANSITION AREA PERMANENT IMPACTS |  | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) |  | INLET FILTER |
|  | FRESHWATER WETLAND
TEMPORARY IMPACTS |  | STREAM CENTERLINE | | |
|  | FRESHWATER WETLAND
PERMANENT IMPACTS |  | FLOOD HAZARD AREA | | |
| | |  | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

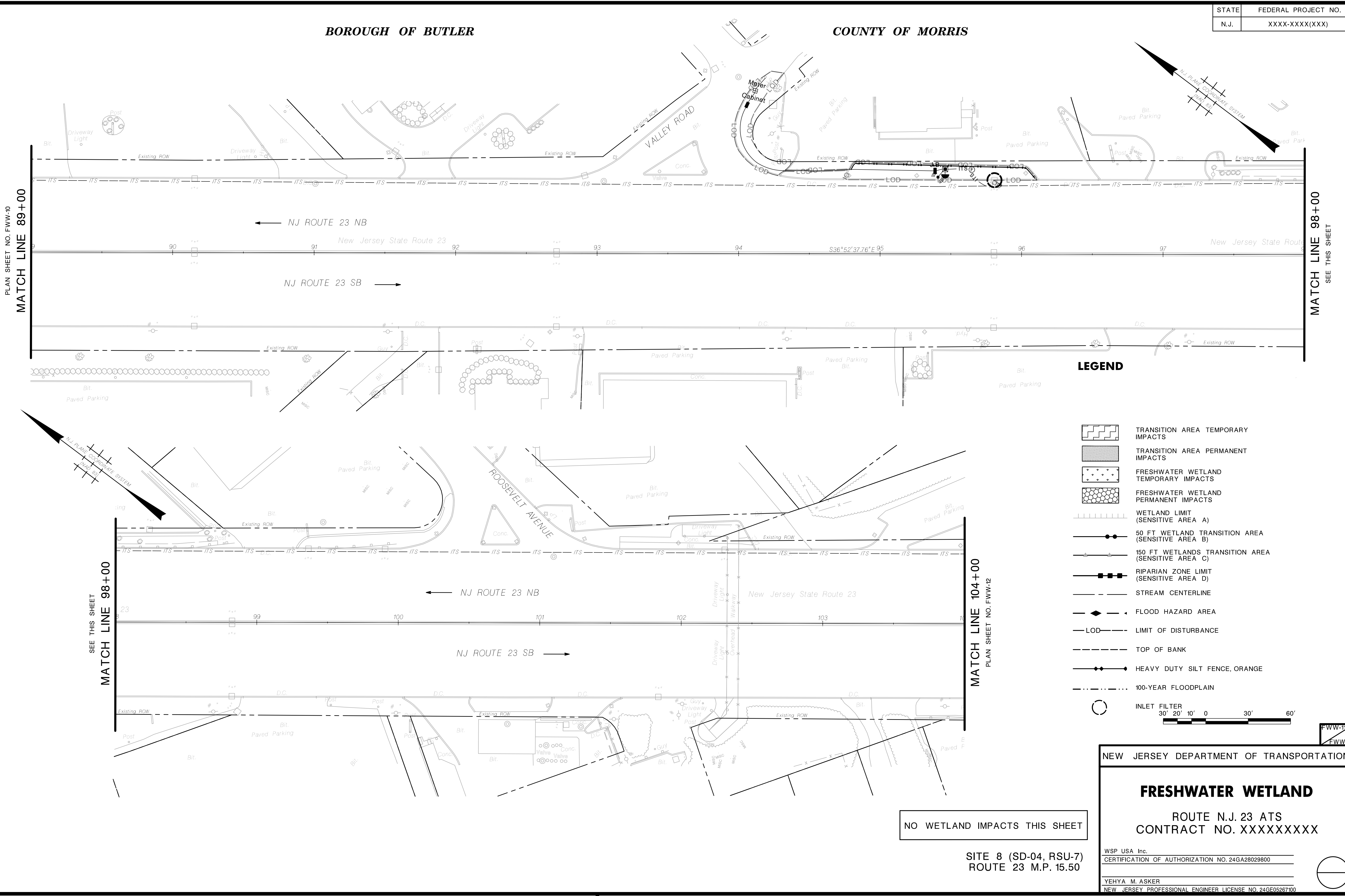
ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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NJDOT Design Services
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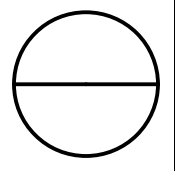
STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



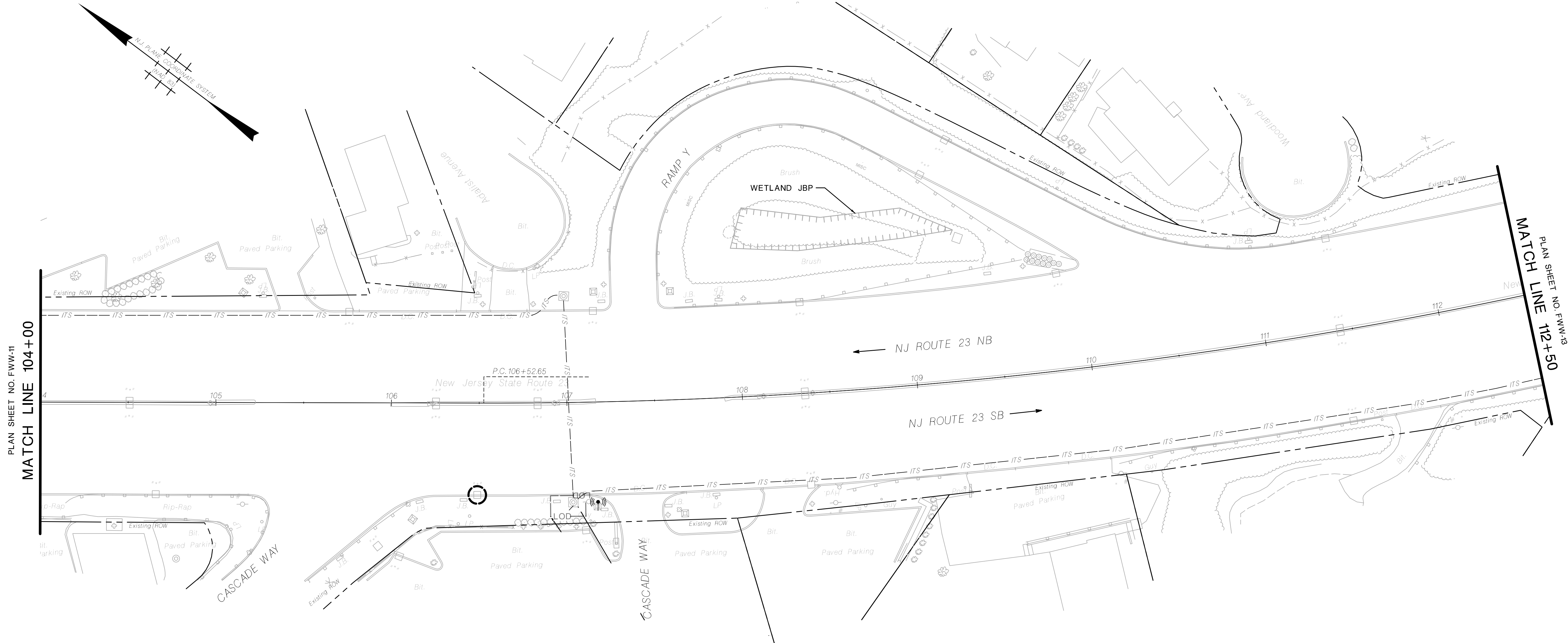
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NJDOT Design Services

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



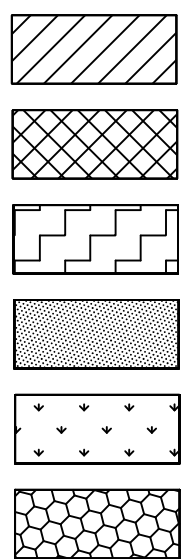
SITE 9 (INT-05, RSU-08)
ROUTE 23 M.P. 15.28

NO WETLAND IMPACTS THIS SHEET

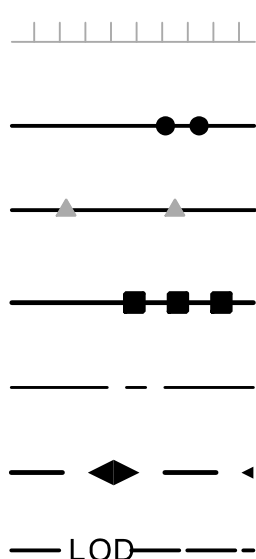


FWW-12
FWW-68

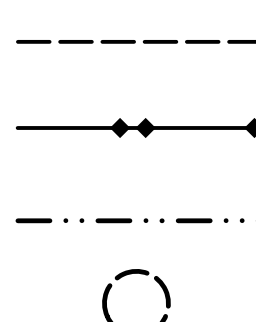
LEGEND



OPEN WATER
TEMPORARY IMPACTS
OPEN WATER
PERMANENT IMPACTS
TRANSITION AREA TEMPORARY
IMPACTS
TRANSITION AREA PERMANENT
IMPACTS
FRESHWATER WETLAND
TEMPORARY IMPACTS
FRESHWATER WETLAND
PERMANENT IMPACTS



WETLAND LIMIT
(SENSITIVE AREA A)
50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
STREAM CENTERLINE
FLOOD HAZARD AREA
LIMIT OF DISTURBANCE



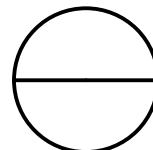
TOP OF BANK
HEAVY DUTY SILT FENCE, ORANGE
100-YEAR FLOODPLAIN
INLET FILTER

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



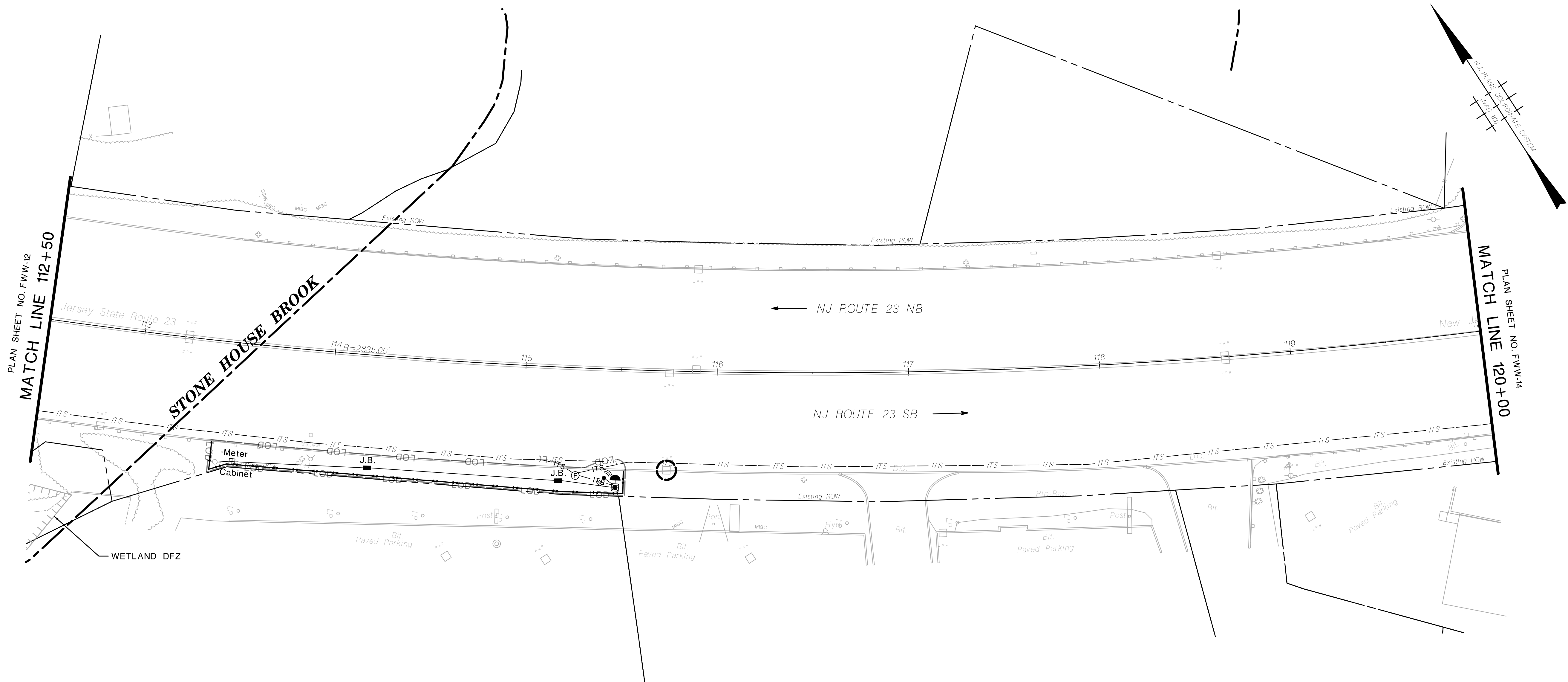
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NJDOT Design Services
\$\$\$\$\$YTIMES\$\$\$\$\$
\$\$\$\$\$USERNAMES\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

BOROUGH OF BUTLER

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 10 (SD-05, RSU-09)
ROUTE 23 M.P. 15.08

NO WETLAND IMPACTS THIS SHEET



LEGEND

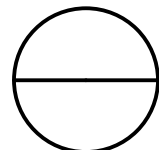
- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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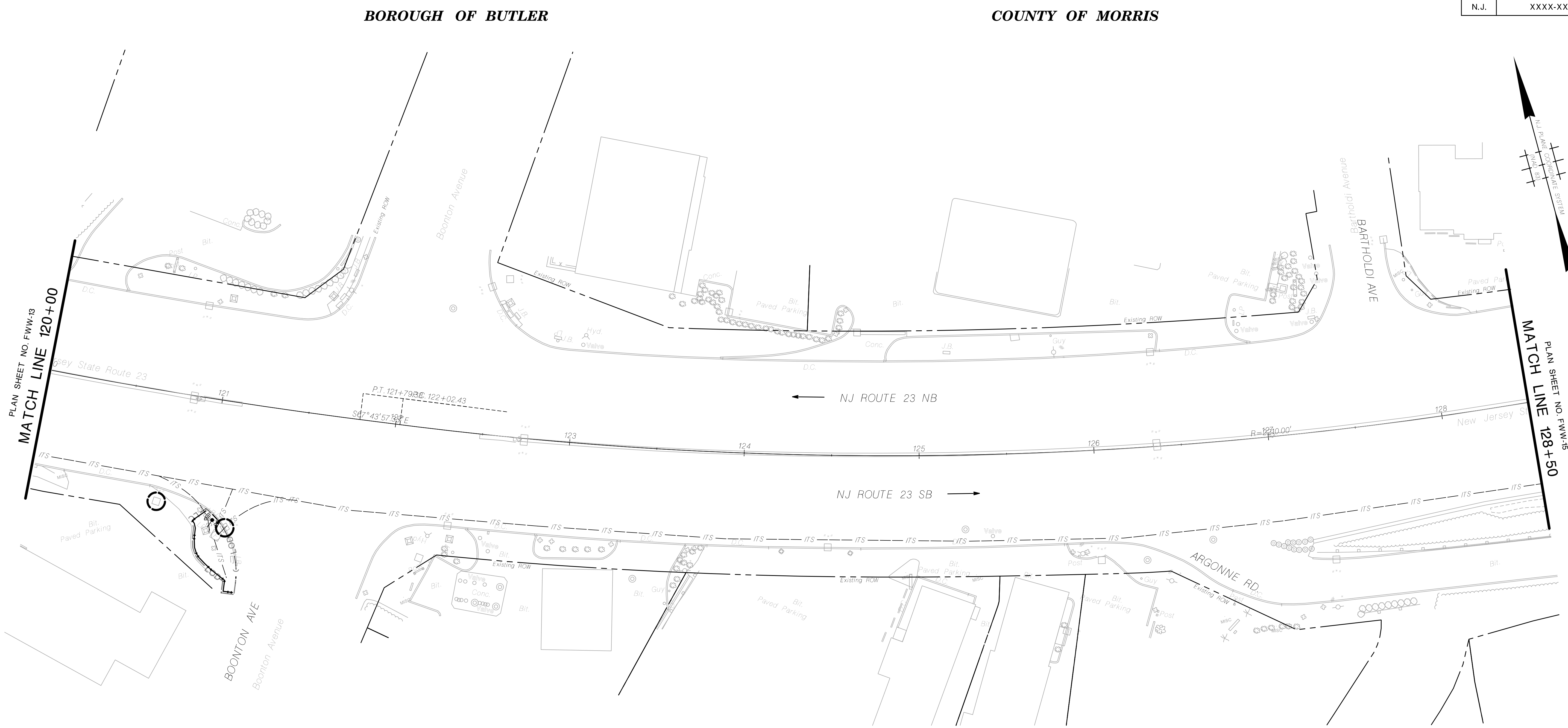
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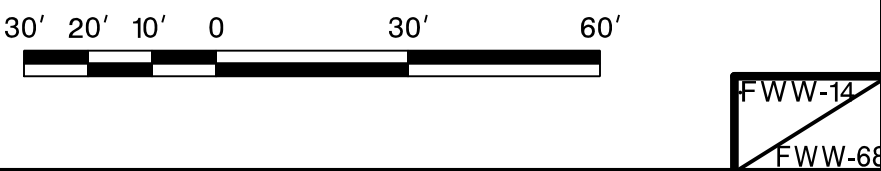
NJDOT Design Services

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 11 (INT-06, RSU-10)
ROUTE 23 M.P. 14.98

NO WETLAND IMPACTS THIS SHEET



LEGEND

- OPEN WATER
TEMPORARY IMPACTS
-
- OPEN WATER
-
- PERMANENT IMPACTS

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

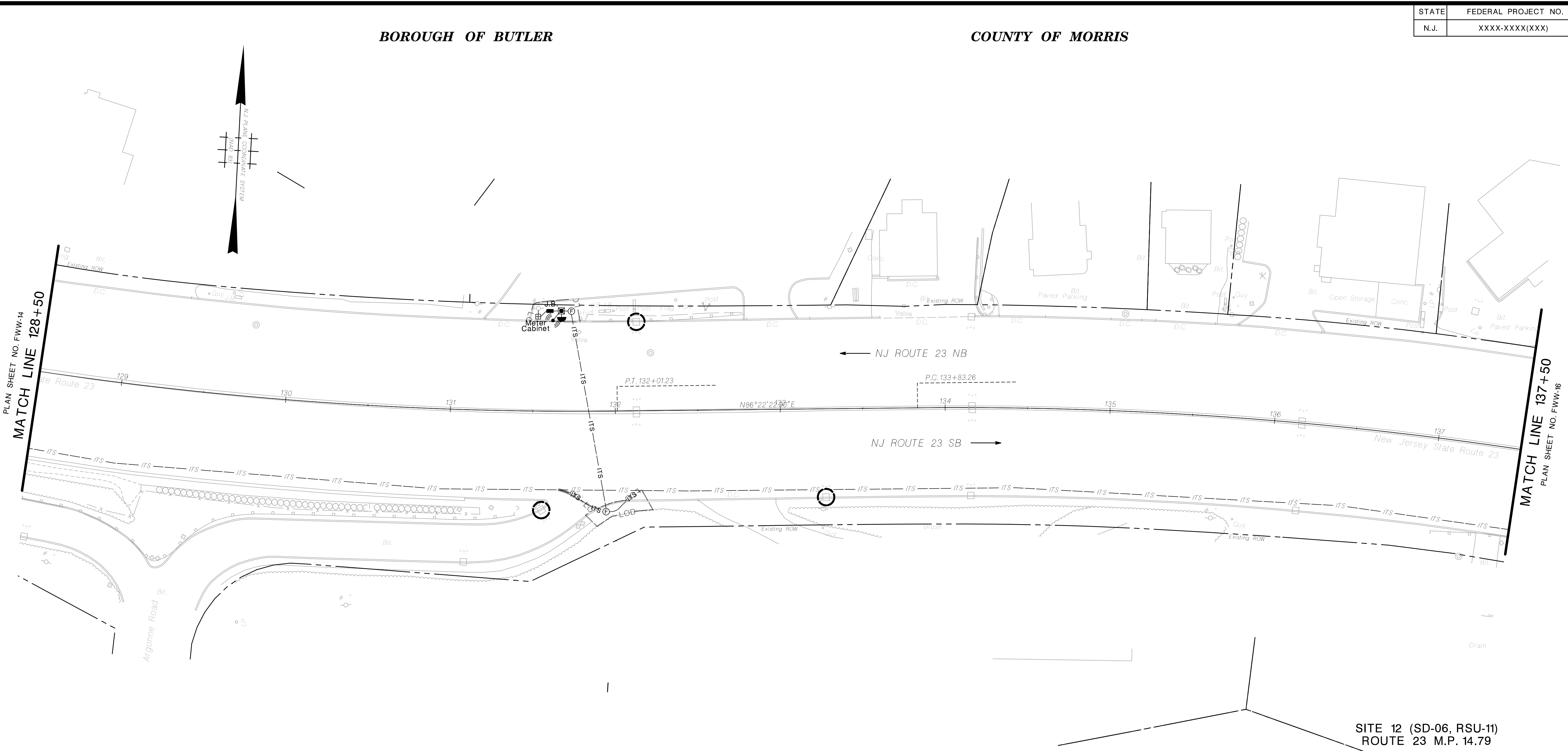
ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

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NJDOT Design Services
\$\$\$\$\$GNSPECS\$\$\$\$\$
\$\$\$\$\$YTIMES\$\$\$\$\$
\$\$\$\$\$USERNAMES\$\$\$\$\$
\$\$\$\$\$PENTABLES\$\$\$\$\$



SITE 12 (SD-06, RSU-11)
ROUTE 23 M.P. 14.79

NO WETLAND IMPACTS THIS SHEET



LEGEND

- | | | | | | |
|--|---|--|--|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT. WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT. WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

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scale=.....scale.....
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NJDOT Design Services
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\$\$\$\$\$USERNAMES\$\$\$\$\$
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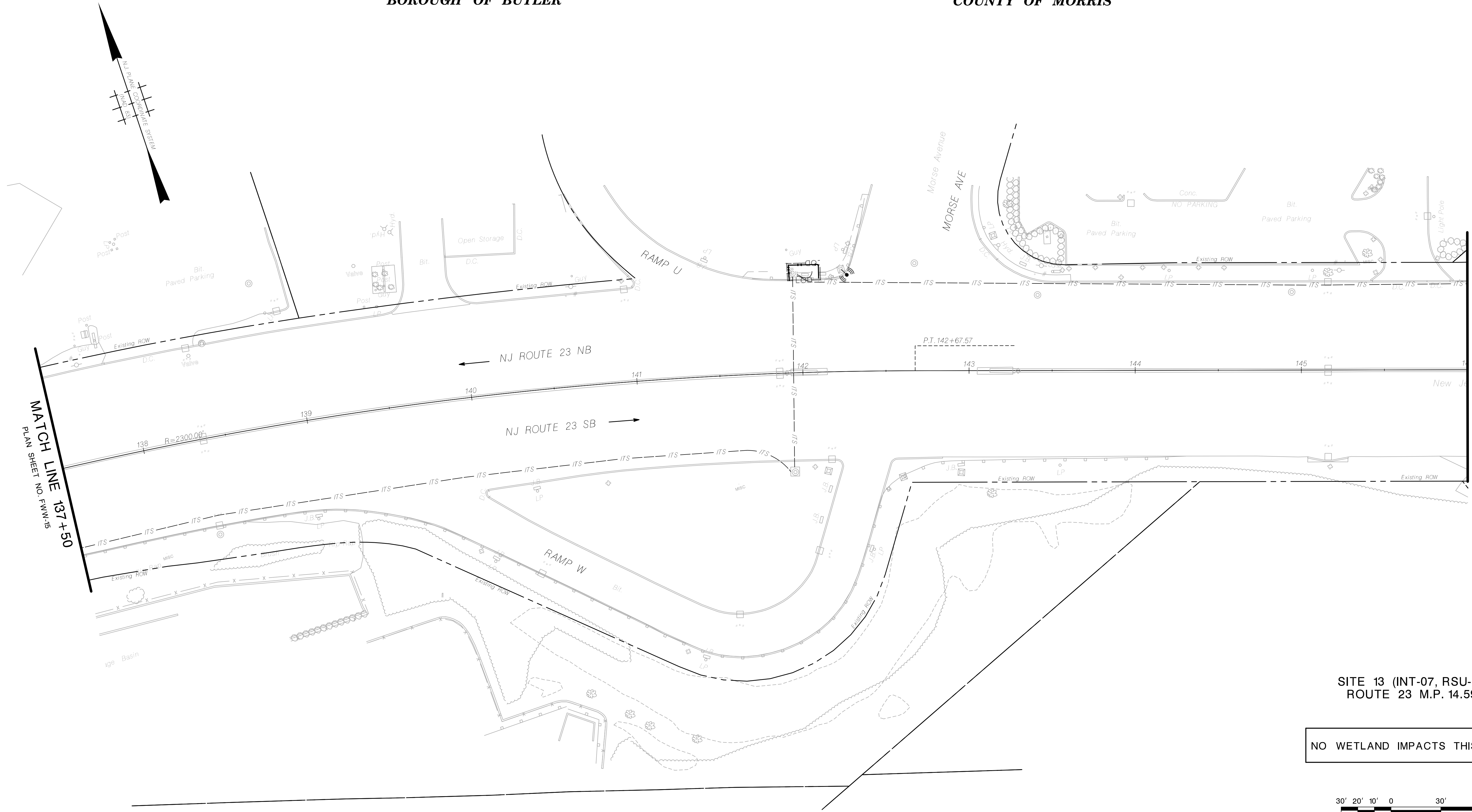
STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

MATCH LINE 137+50
PLAN SHEET NO. FWW-15

MATCH LINE 146+00
PLAN SHEET NO. FWW-17

BOROUGH OF BUTLER

COUNTY OF MORRIS



SITE 13 (INT-07, RSU-12)
ROUTE 23 M.P. 14.59

NO WETLAND IMPACTS THIS SHEET



FWW-15
FWW-68

LEGEND

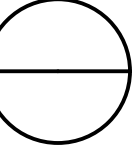
- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD
LIMIT OF DISTURBANCE | | |

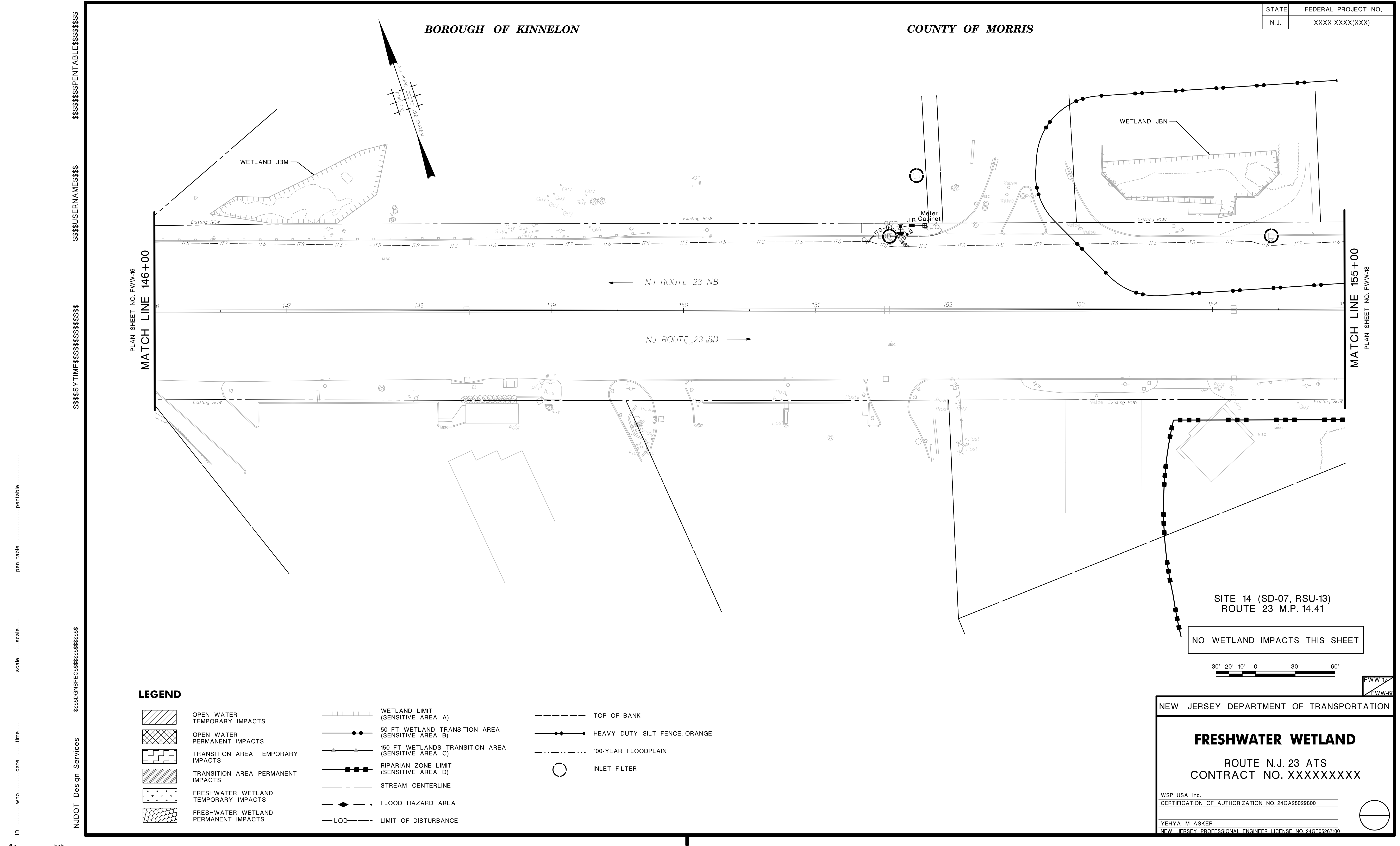
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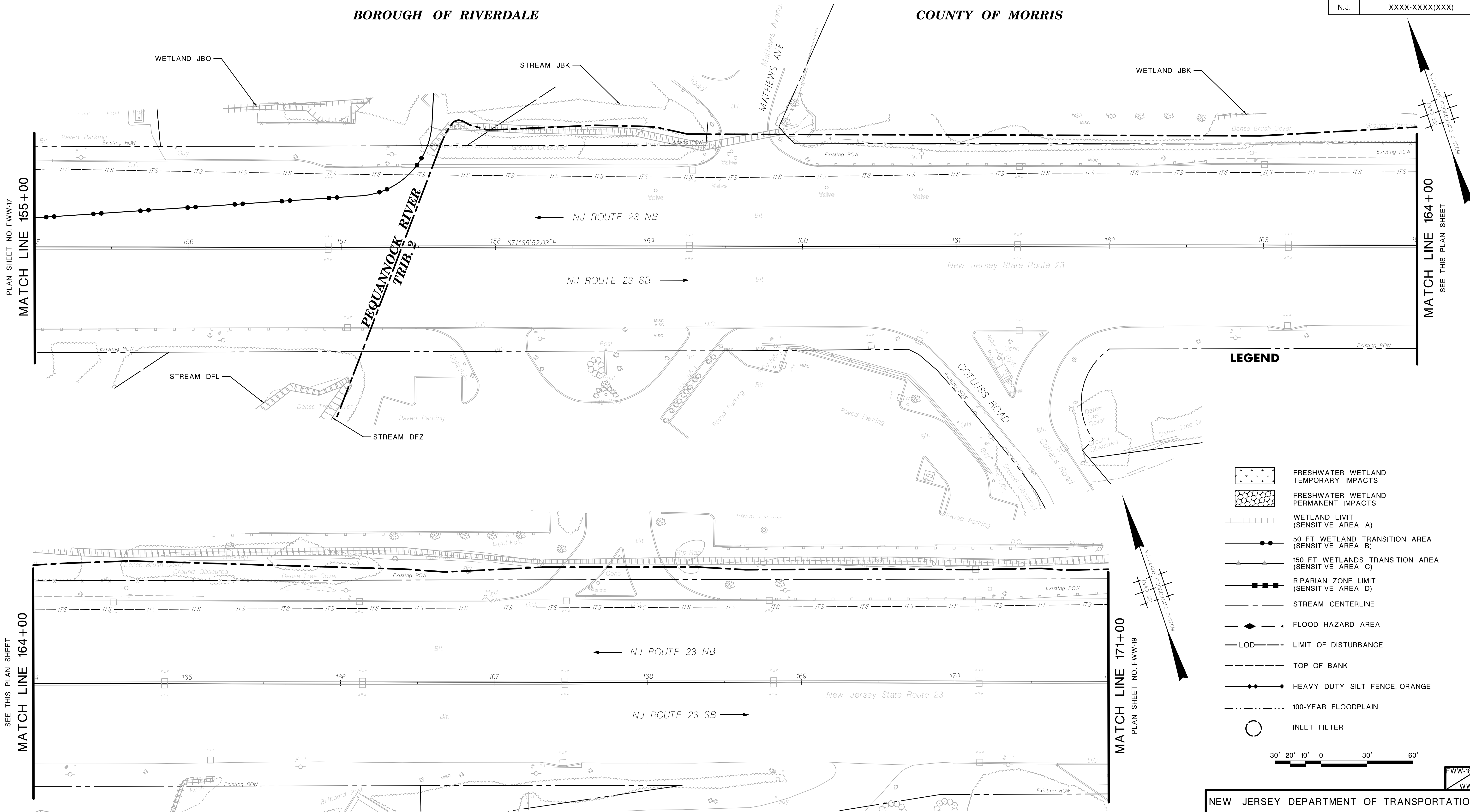
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700







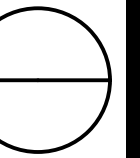
NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

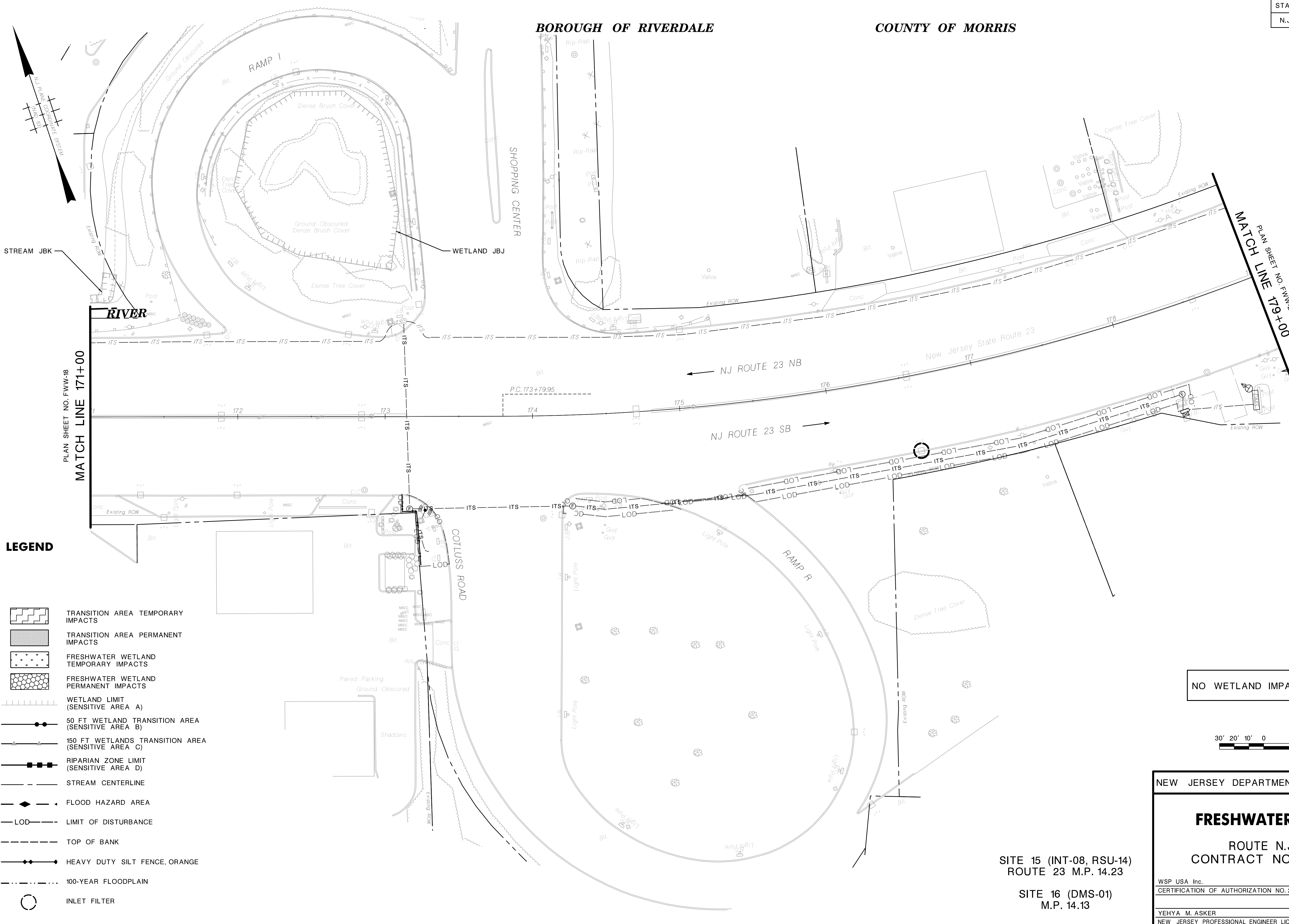


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NJDOT Design Services

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\$\$\$\$\$G\$N\$P\$E\$C\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

NO WETLAND IMPACTS THIS SHEET



SITE 15 (INT-08, RSU-14)
ROUTE 23 M.P. 14.23

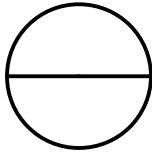
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M.P. 14.13

NEW JERSEY DEPARTMENT OF TRANSPORTATION

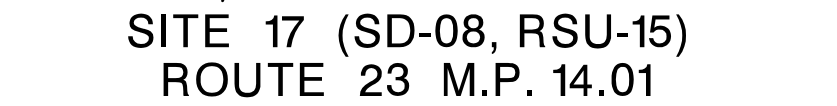
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

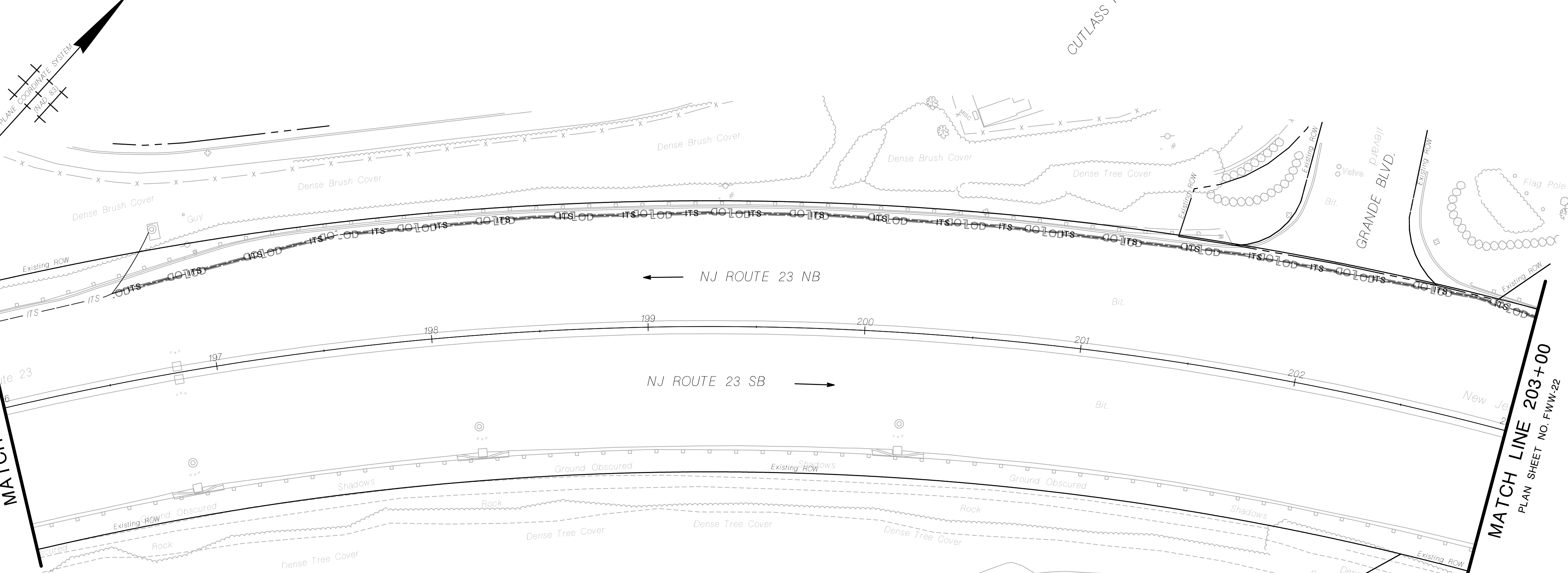
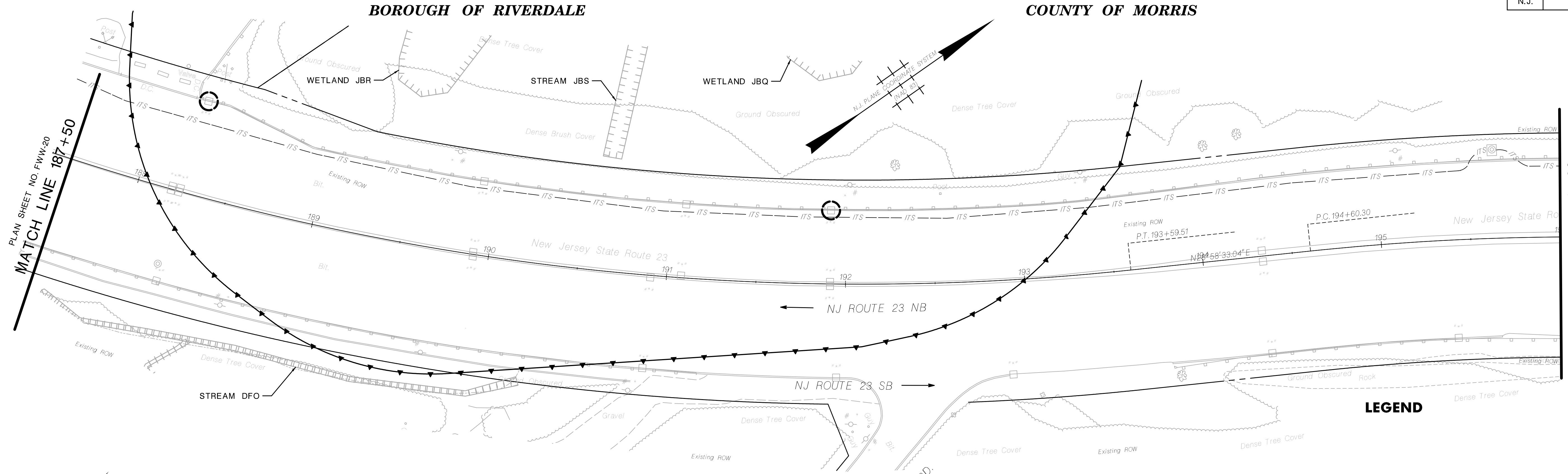


COUNTY OF MORRIS



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\$\$\$\$\$PENTABLE\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

30' 20' 10' 0 30' 60'

NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

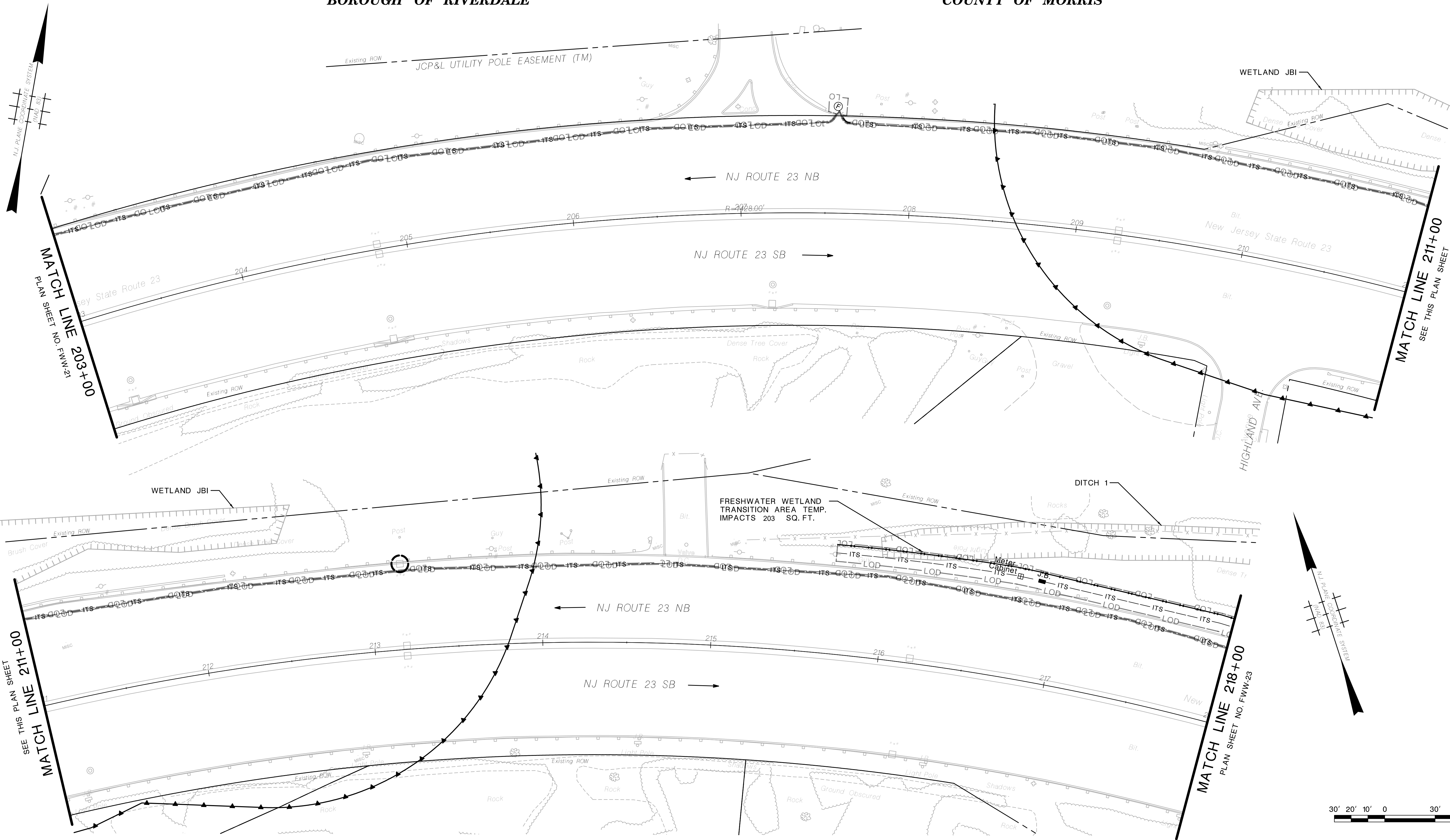
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

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pen table=.....pentable.....
NJDOT Design Services
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

BOROUGH OF RIVERDALE

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD

LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	203
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

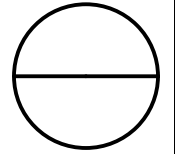


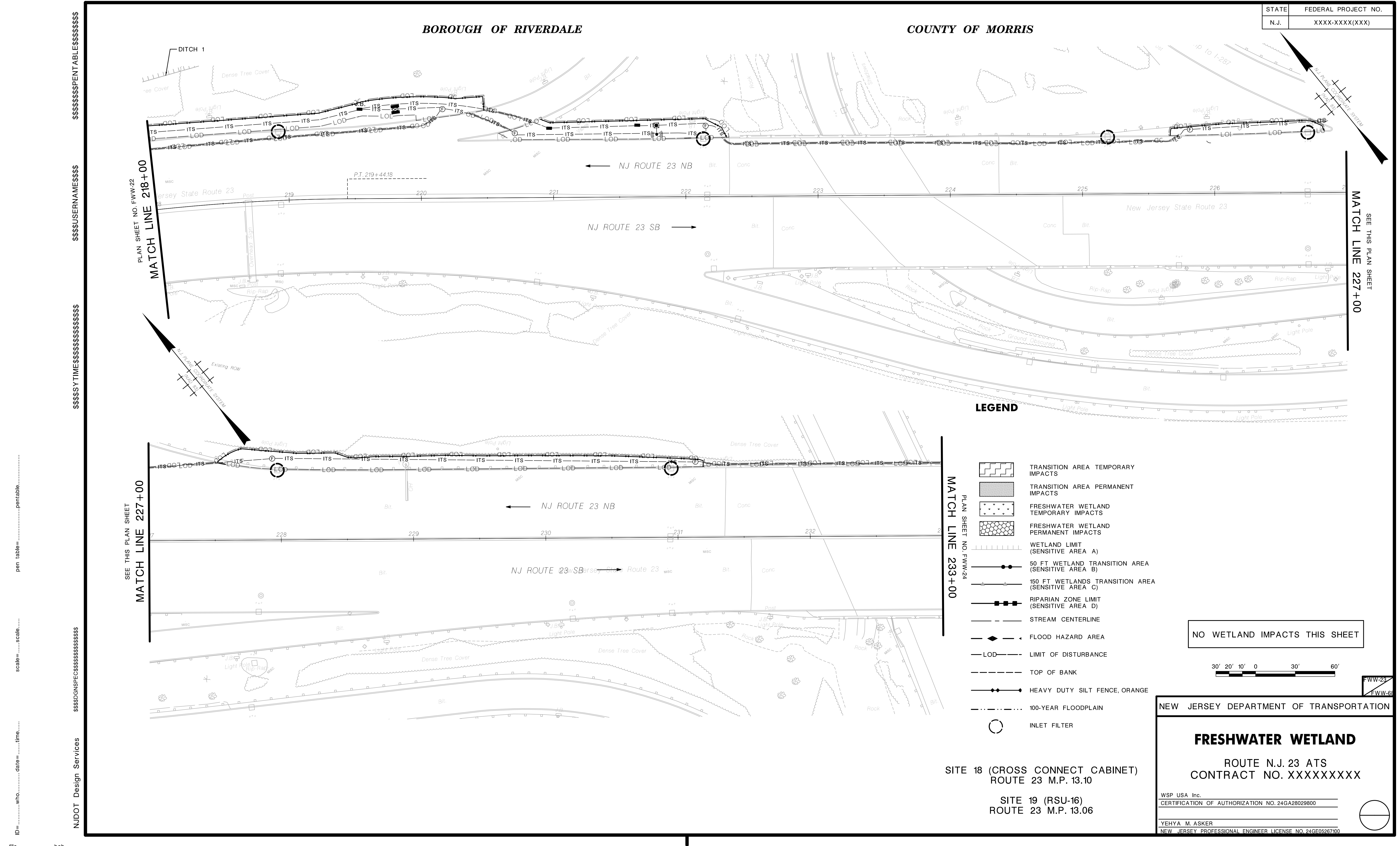
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100





STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

NO WETLAND IMPACTS THIS SHEET



NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEYHA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

SITE 18 (CROSS CONNECT CABINET)
ROUTE 23 M.P. 13.10

SITE 19 (RSU-16)
ROUTE 23 M.P. 13.06

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\$\$\$\$\$SYTIME\$\$\$\$\$
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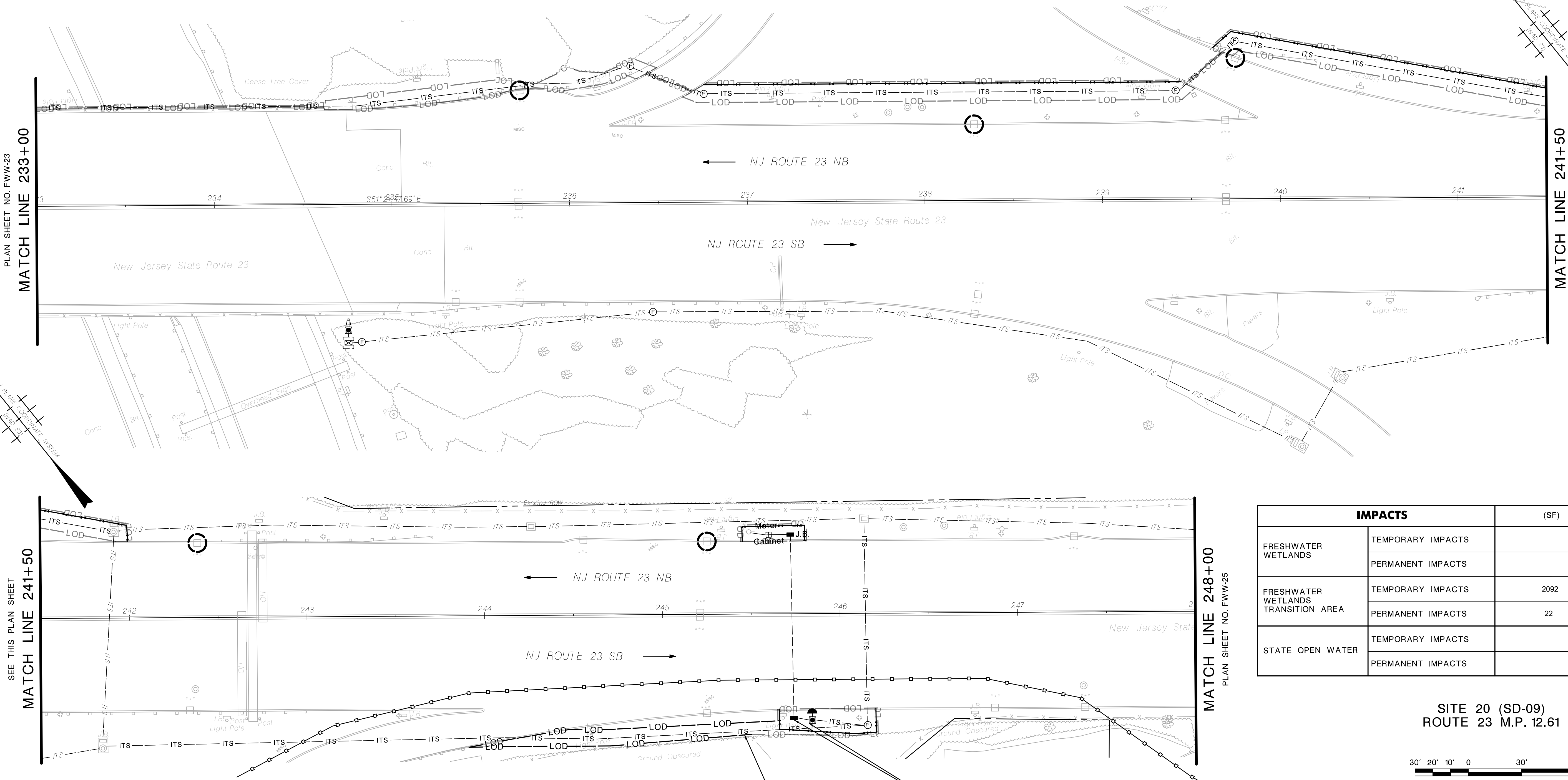
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NJDOT Design Services
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BOROUGH OF RIVERDALE

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- OPEN WATER TEMPORARY IMPACTS
- OPEN WATER PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS

- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE

- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

WETLAND JBD

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	2092
	PERMANENT IMPACTS	22
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

SITE 20 (SD-09)
ROUTE 23 M.P. 12.61



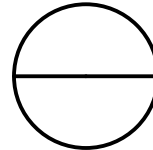
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

EP-28

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



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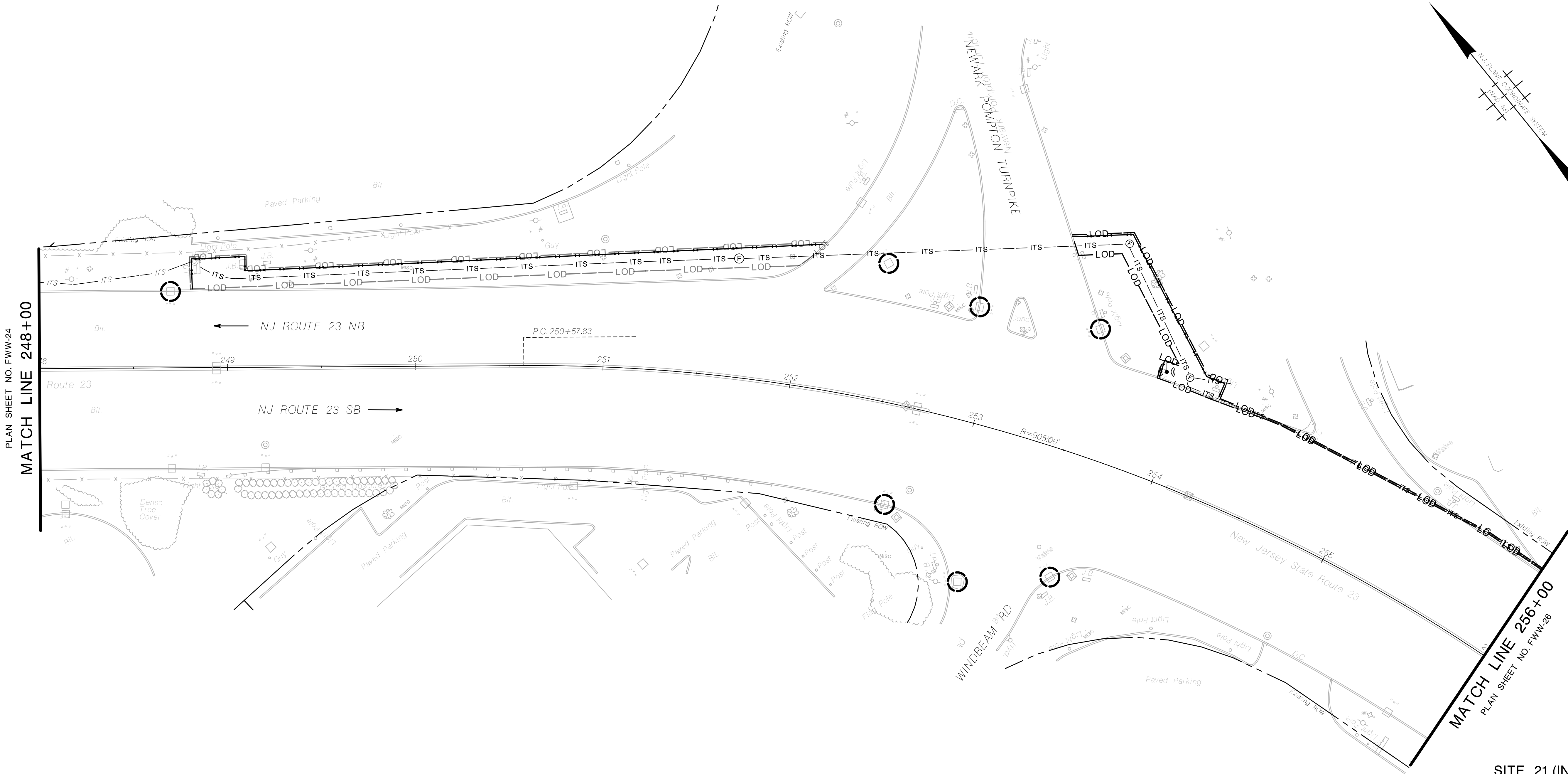
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NJDOT Design Services

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

BOROUGH OF RIVERDALE

COUNTY OF MORRIS



NO WETLAND IMPACTS THIS SHEET



LEGEND

- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD

LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS

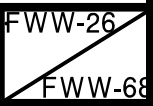
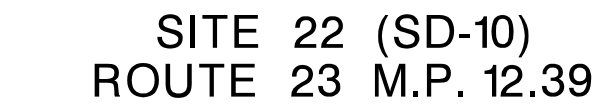
CONTRACT NO. XXXXXXXXX

WSP USA Inc.

CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



	OPEN WATER TEMPORARY IMPACTS
	OPEN WATER PERMANENT IMPACTS
	TRANSITION AREA TEMPORARY IMPACTS
	TRANSITION AREA PERMANENT IMPACTS
	FRESHWATER WETLAND TEMPORARY IMPACTS
	FRESHWATER WETLAND PERMANENT IMPACTS

 WETLAND LIMIT
(SENSITIVE AREA A)

 50 FT. WETLAND TRANSITION AREA
(SENSITIVE AREA B)

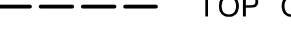
 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)

 RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)

 STREAM CENTERLINE

 FLOOD HAZARD AREA

 LOD LIMIT OF DISTURBANCE



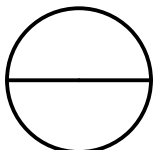
IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	715
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



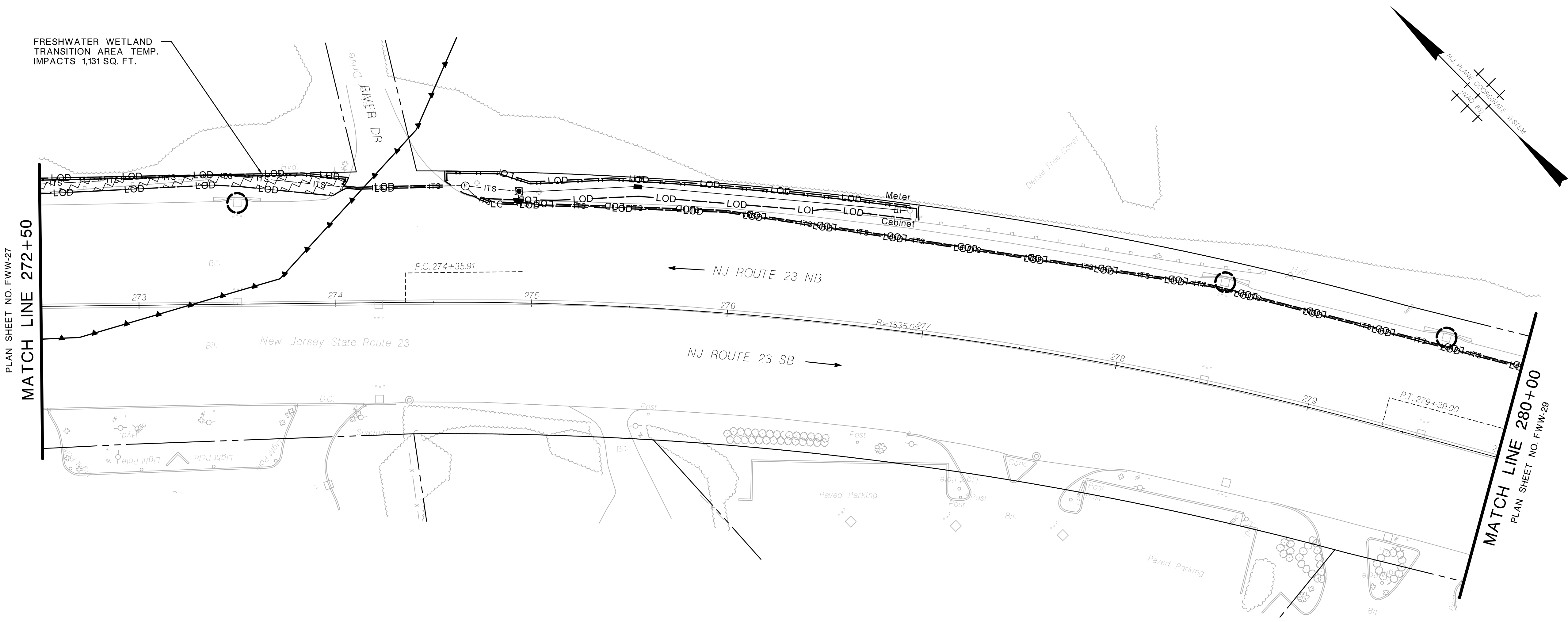
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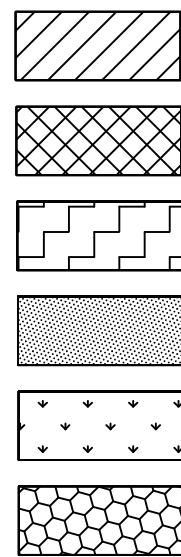
TOWNSHIP OF PEQUANNOCK

COUNTY OF MORRIS

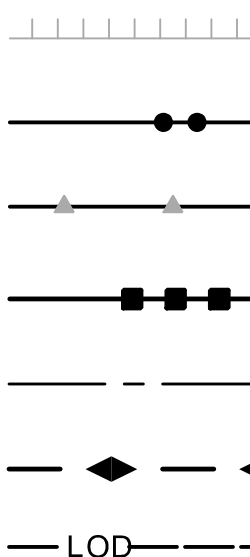
STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



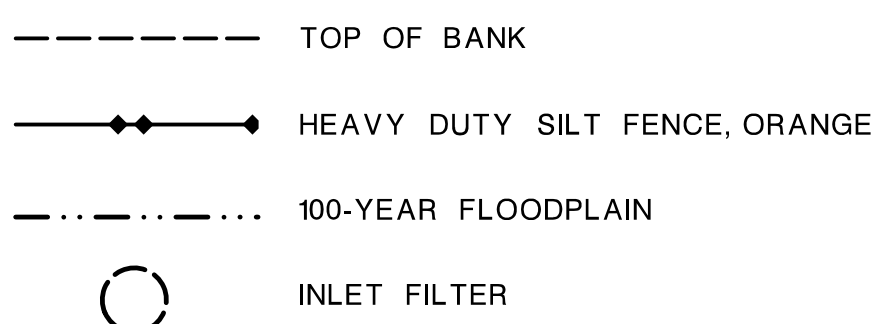
SITE 24 (SD-11)
ROUTE 23 M.P. 12.07



OPEN WATER
TEMPORARY IMPACTS
OPEN WATER
PERMANENT IMPACTS
TRANSITION AREA TEMPORARY
IMPACTS
TRANSITION AREA PERMANENT
IMPACTS
FRESHWATER WETLAND
TEMPORARY IMPACTS
FRESHWATER WETLAND
PERMANENT IMPACTS



WETLAND LIMIT
(SENSITIVE AREA A)
50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
STREAM CENTERLINE
FLOOD HAZARD AREA
LIMIT OF DISTURBANCE



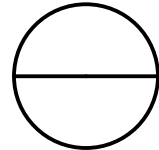
IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	1,131
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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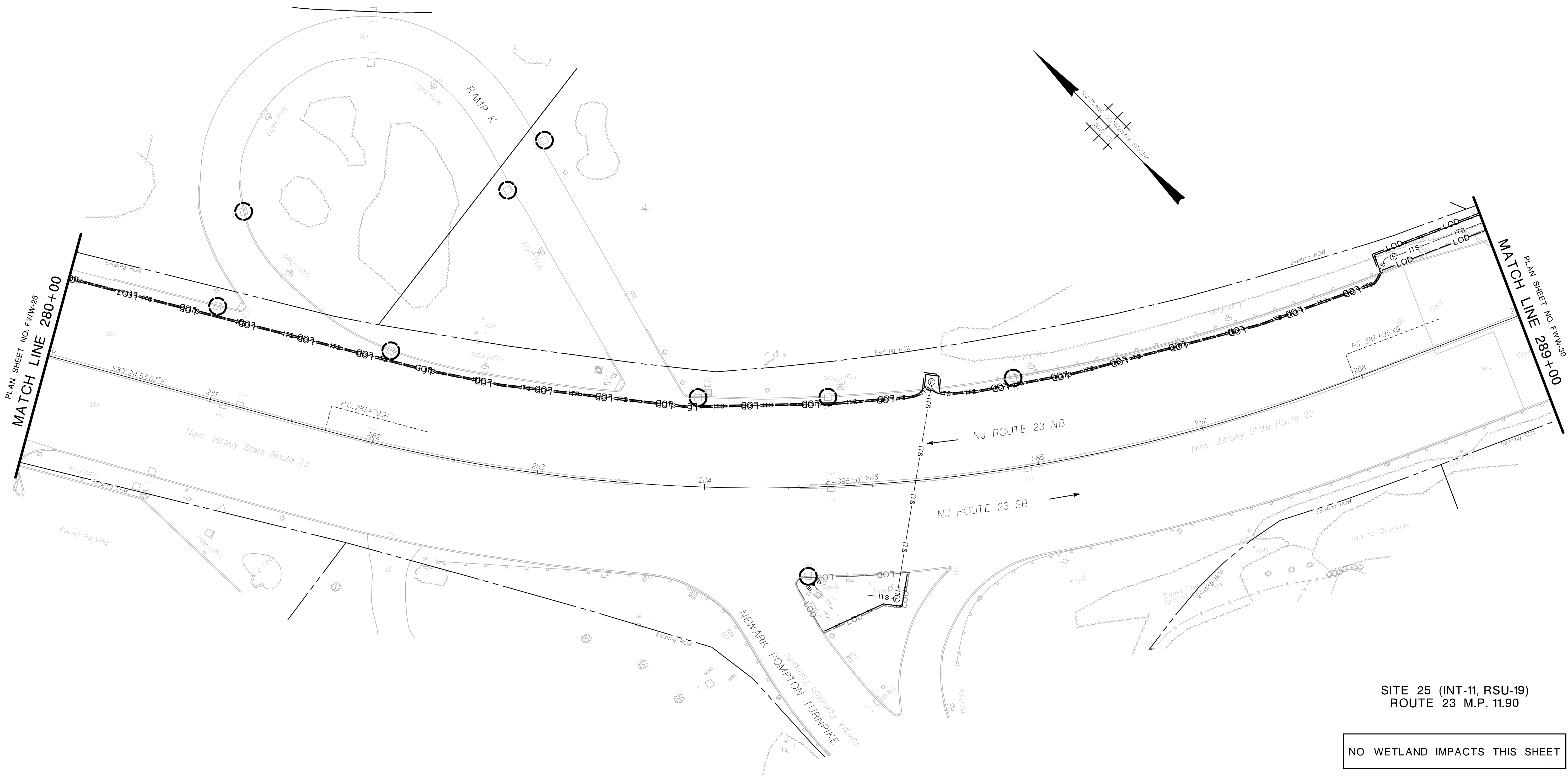
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NJDOT Design Services

TOWNSHIP OF PEQUANNOCK

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 25 (INT-11, RSU-19)
ROUTE 23 M.P. 11.90

NO WETLAND IMPACTS THIS SHEET



WW-29
FWW-68

LEGEND

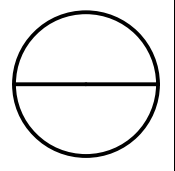
- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

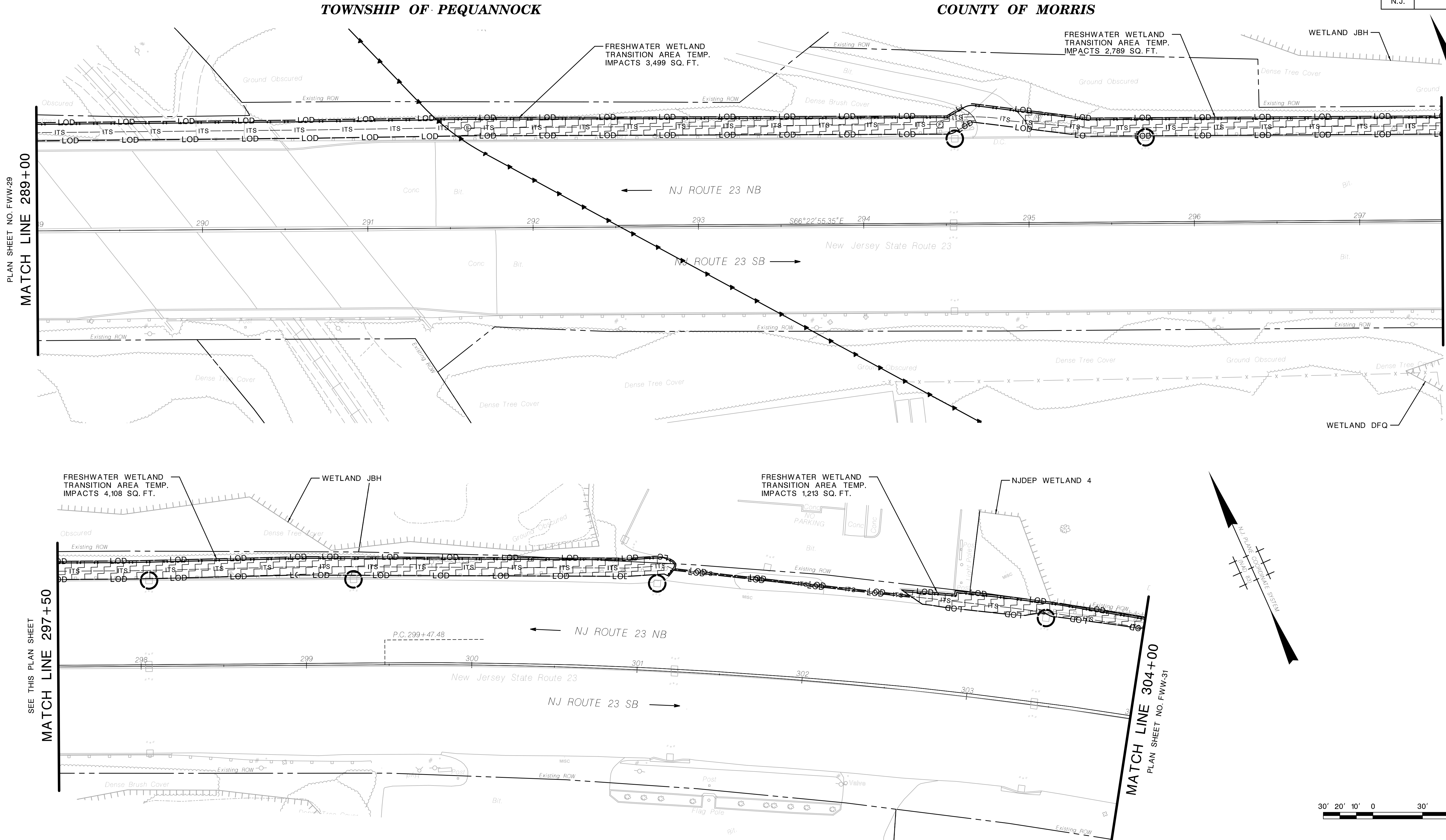
ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	11,609
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	

SITE 26 (SD-12, RSU-20)
ROUTE 23 M.P. 11.60

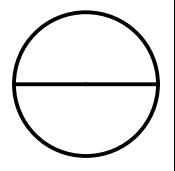


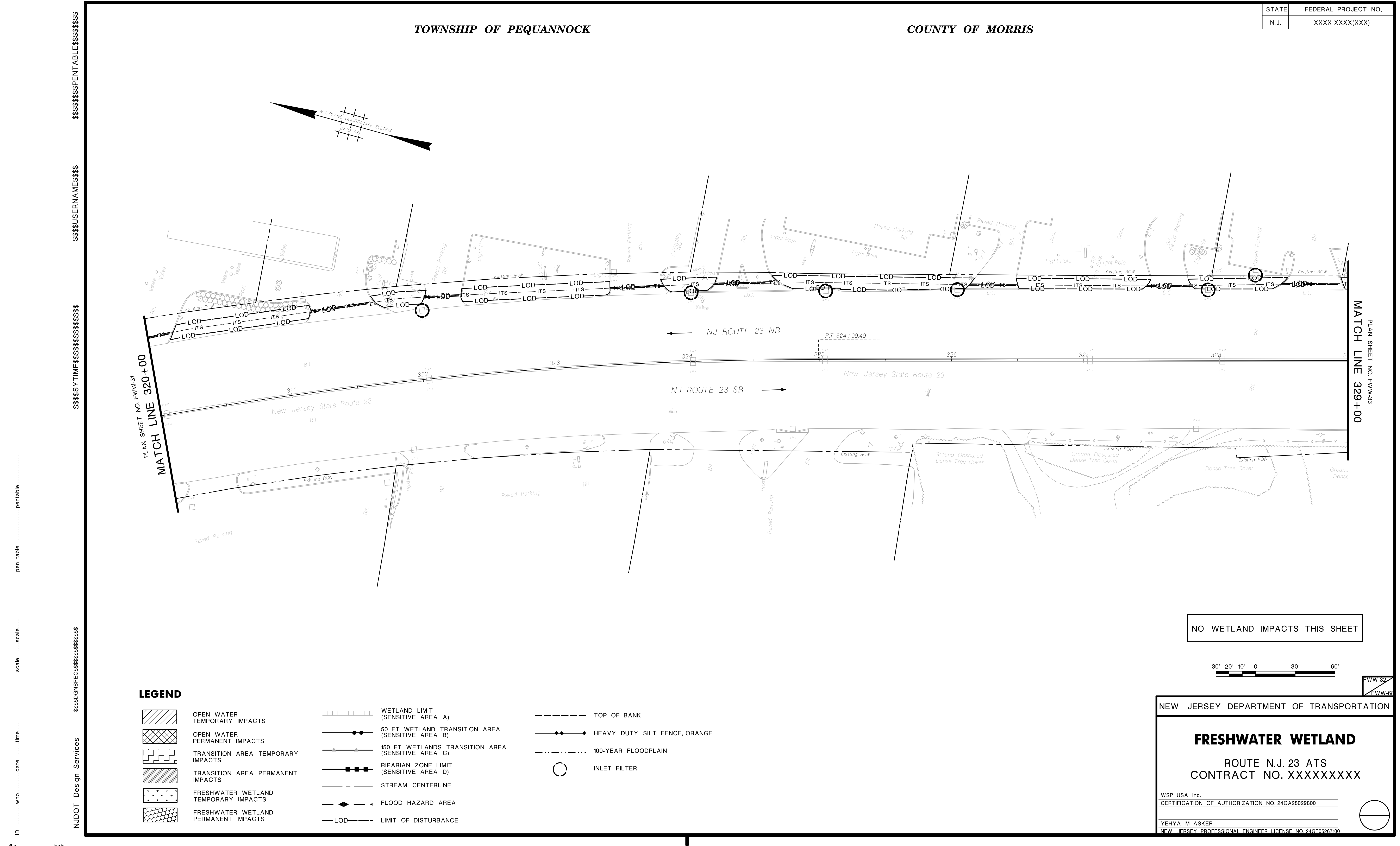
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEYHA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100





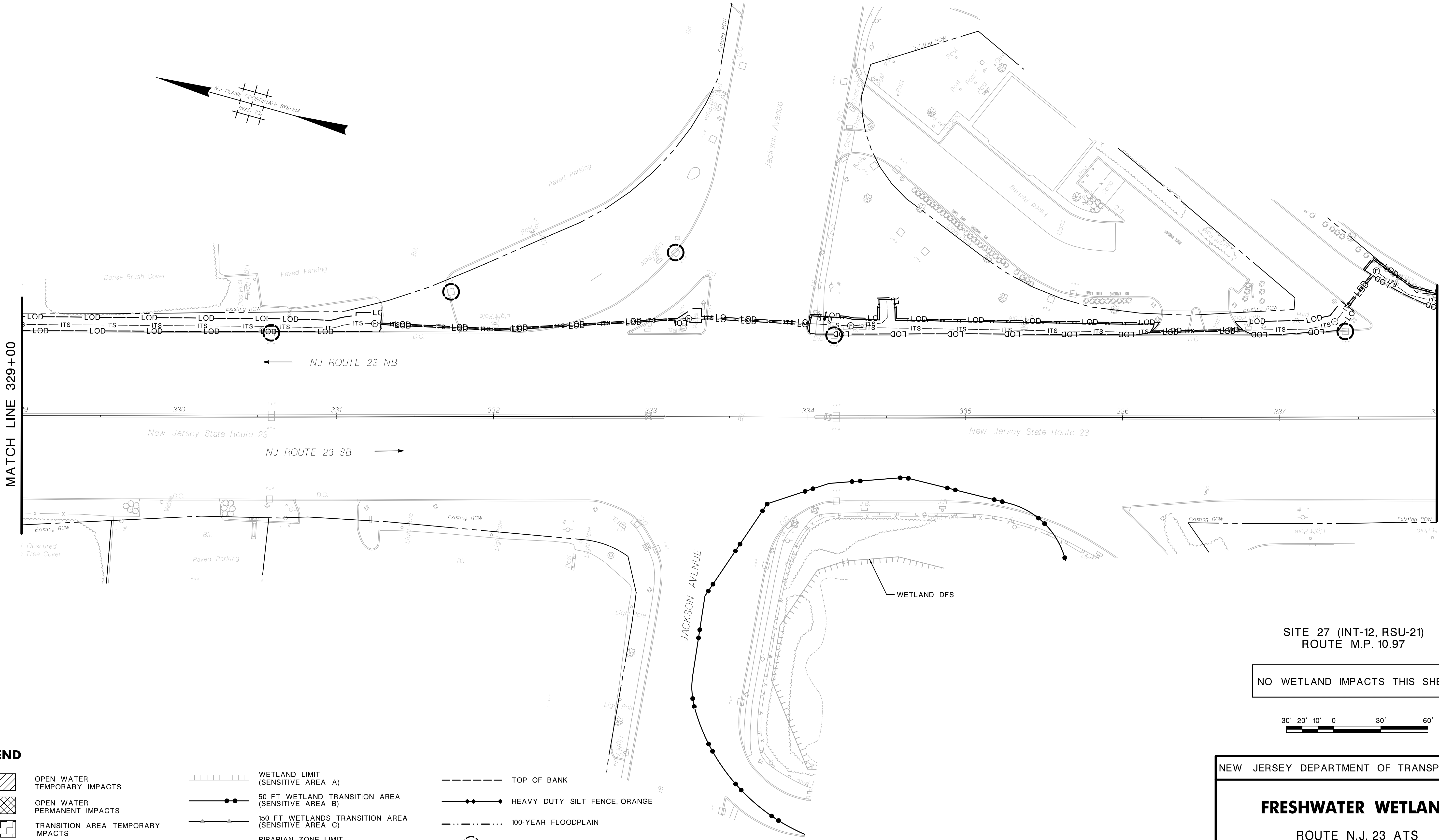
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NJDOT Design Services
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\$\$\$\$\$PENTABLES\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

TOWNSHIP OF PEQUANNOCK

COUNTY OF MORRIS



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |

SITE 27 (INT-12, RSU-21)
ROUTE M.P. 10.97

NO WETLAND IMPACTS THIS SHEET

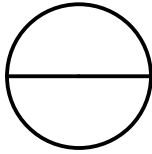


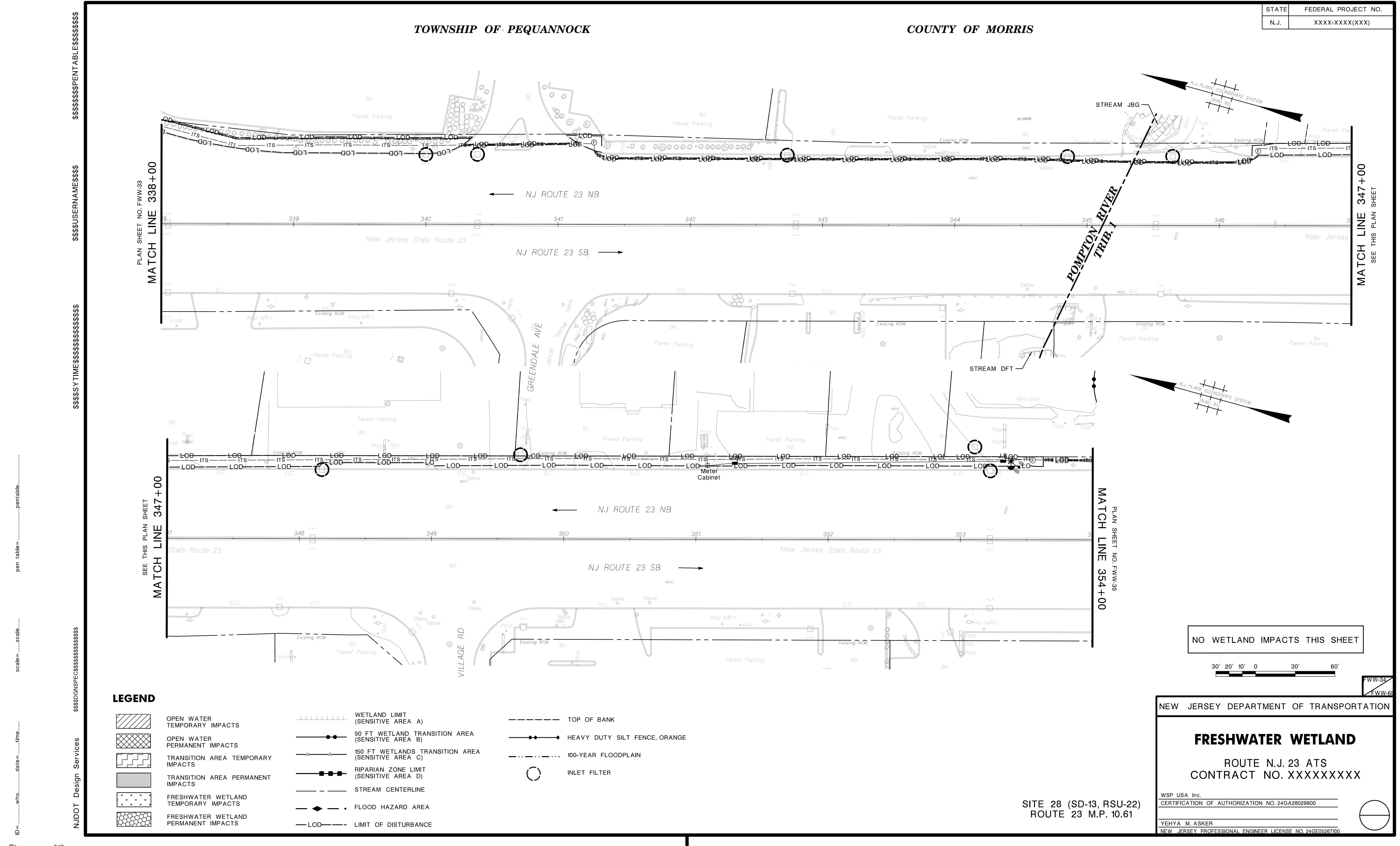
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700





STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

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\$\$\$\$\$SYTIME\$\$\$\$\$
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ID=.....who.....date=.....time.....
NJDOT Design Services

LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NO WETLAND IMPACTS THIS SHEET



FW-34
FWW-68

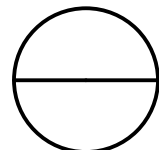
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

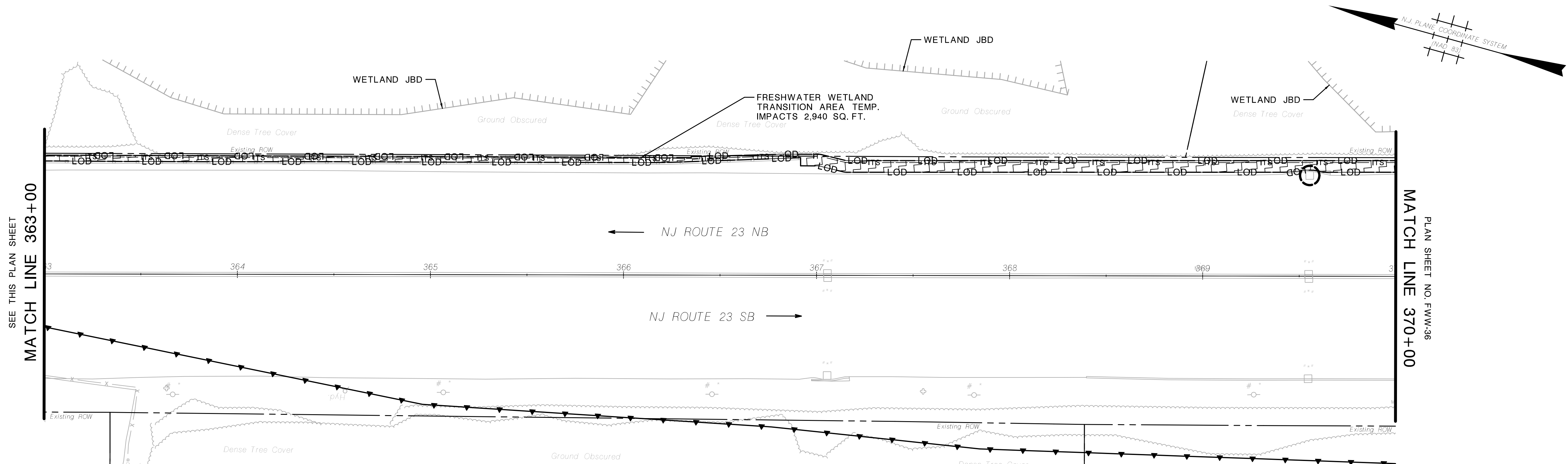
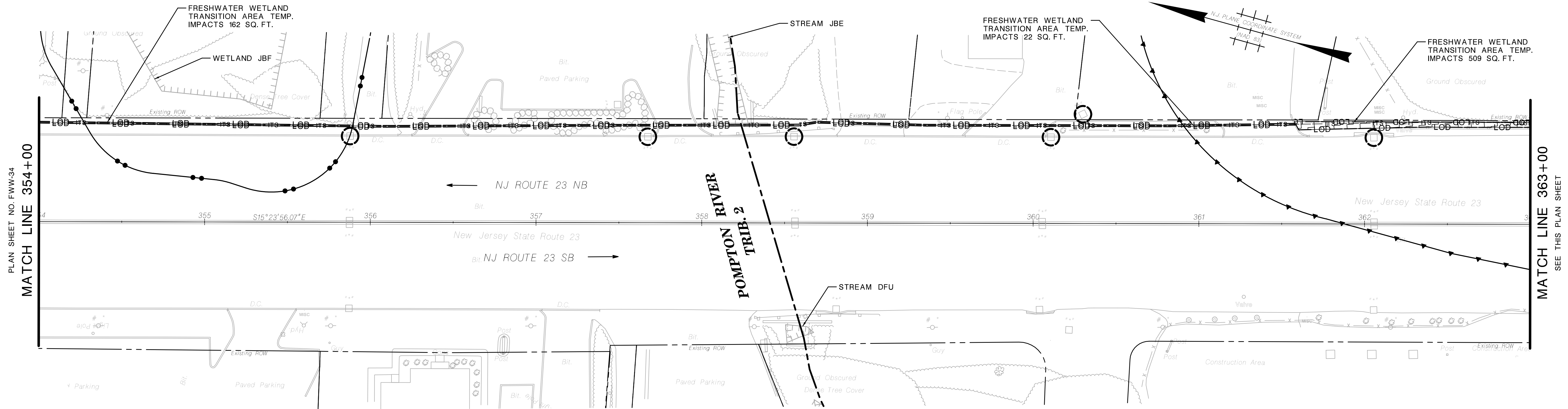
WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

SITE 28 (SD-13, RSU-22)
ROUTE 23 M.P. 10.61



TOWNSHIP OF PEQUANNOCK

COUNTY OF MORRIS



LEGEND

-

-
- Legend for Wetland and Riparian Zone Buffers:
- WETLAND LIMIT (SENSITIVE AREA A)
 - 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
 - 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
 - RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
 - STREAM CENTERLINE
 - FLOOD HAZARD AREA
 - LOD LIMIT OF DISTURBANCE

-  TOP OF BANK
 HEAVY DUTY SILT FENCE, ORANGE
 100-YEAR FLOODPLAIN
 INLET FILTER

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	3,633
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	



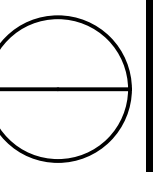
FWW-35
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

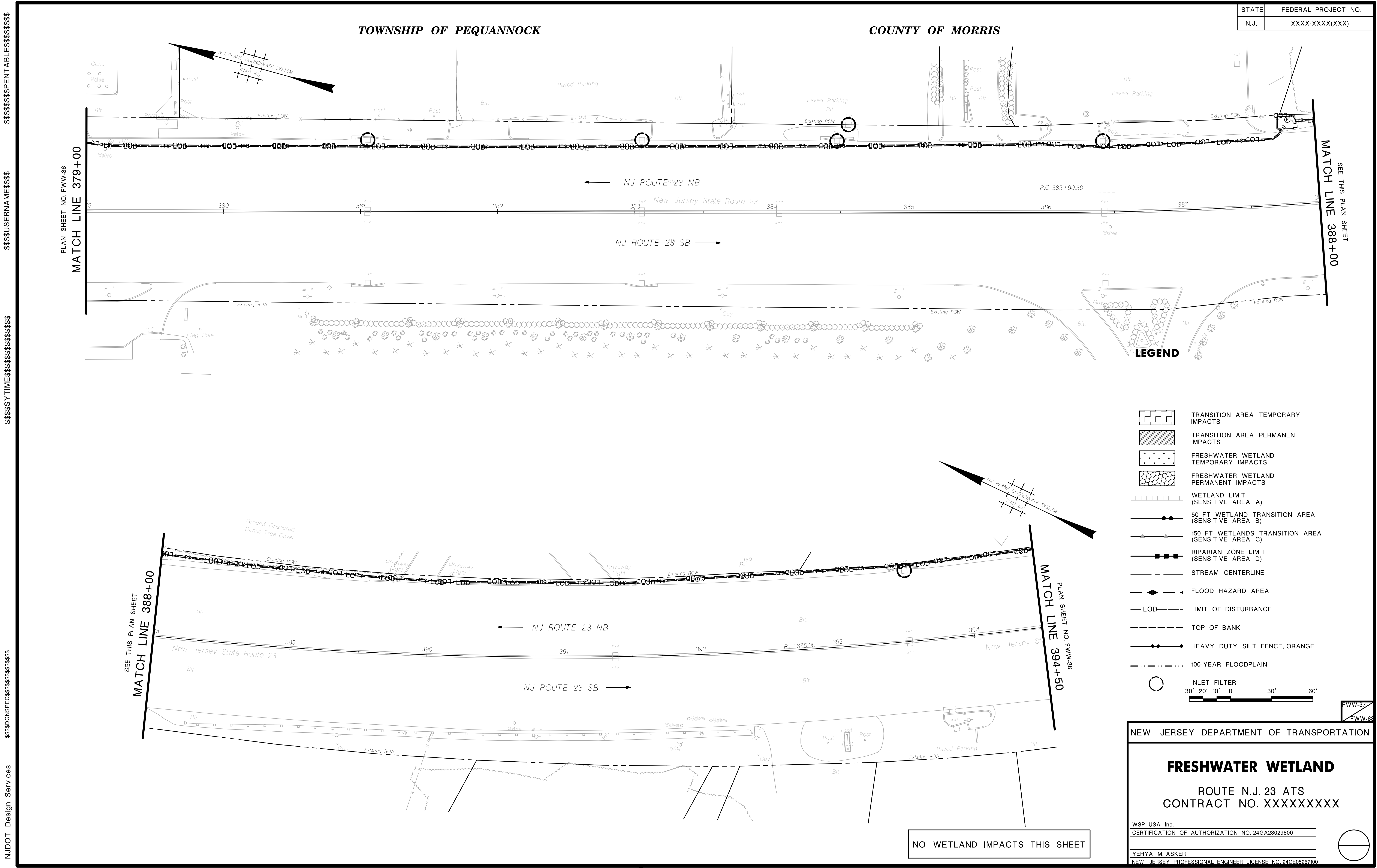
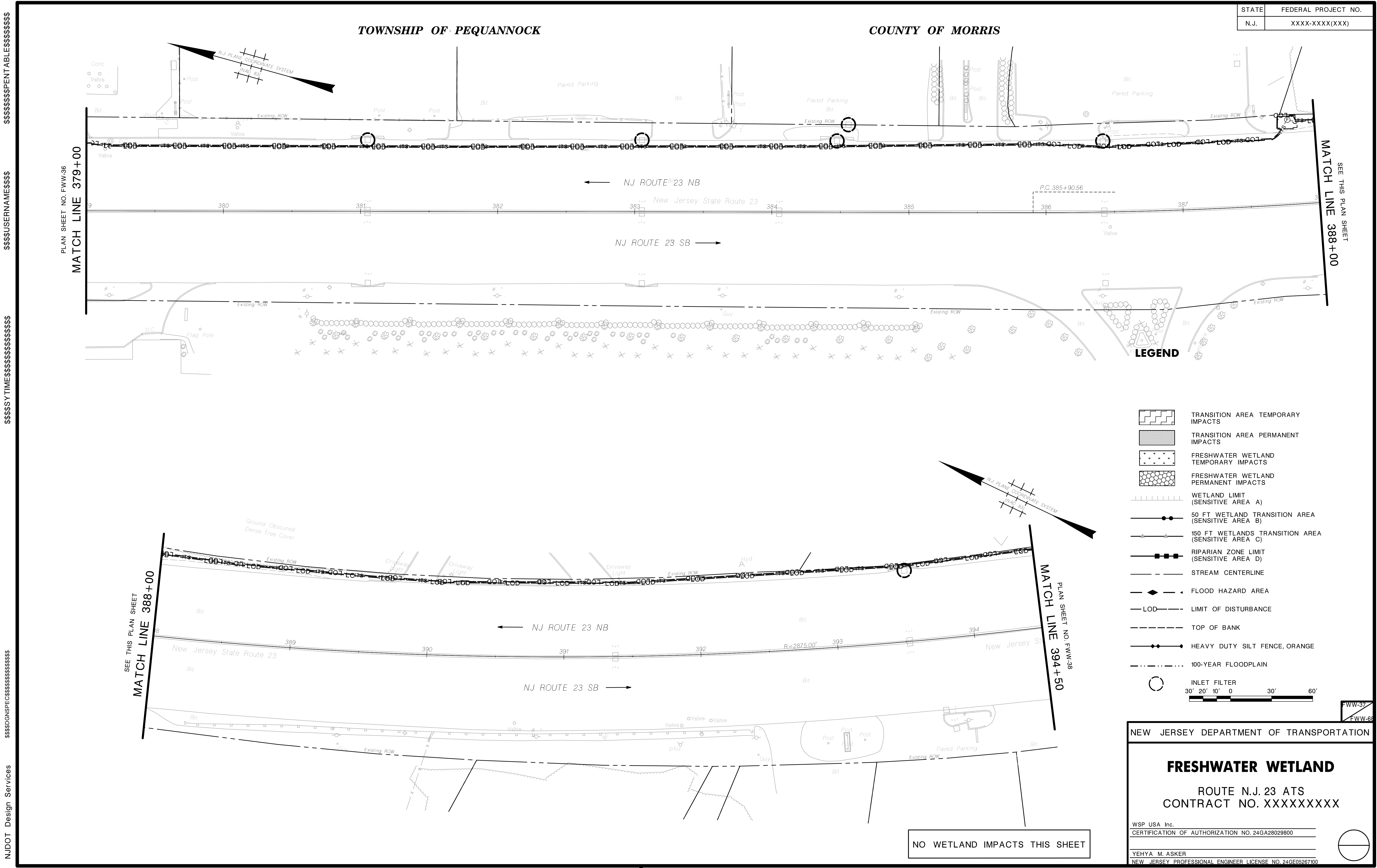
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

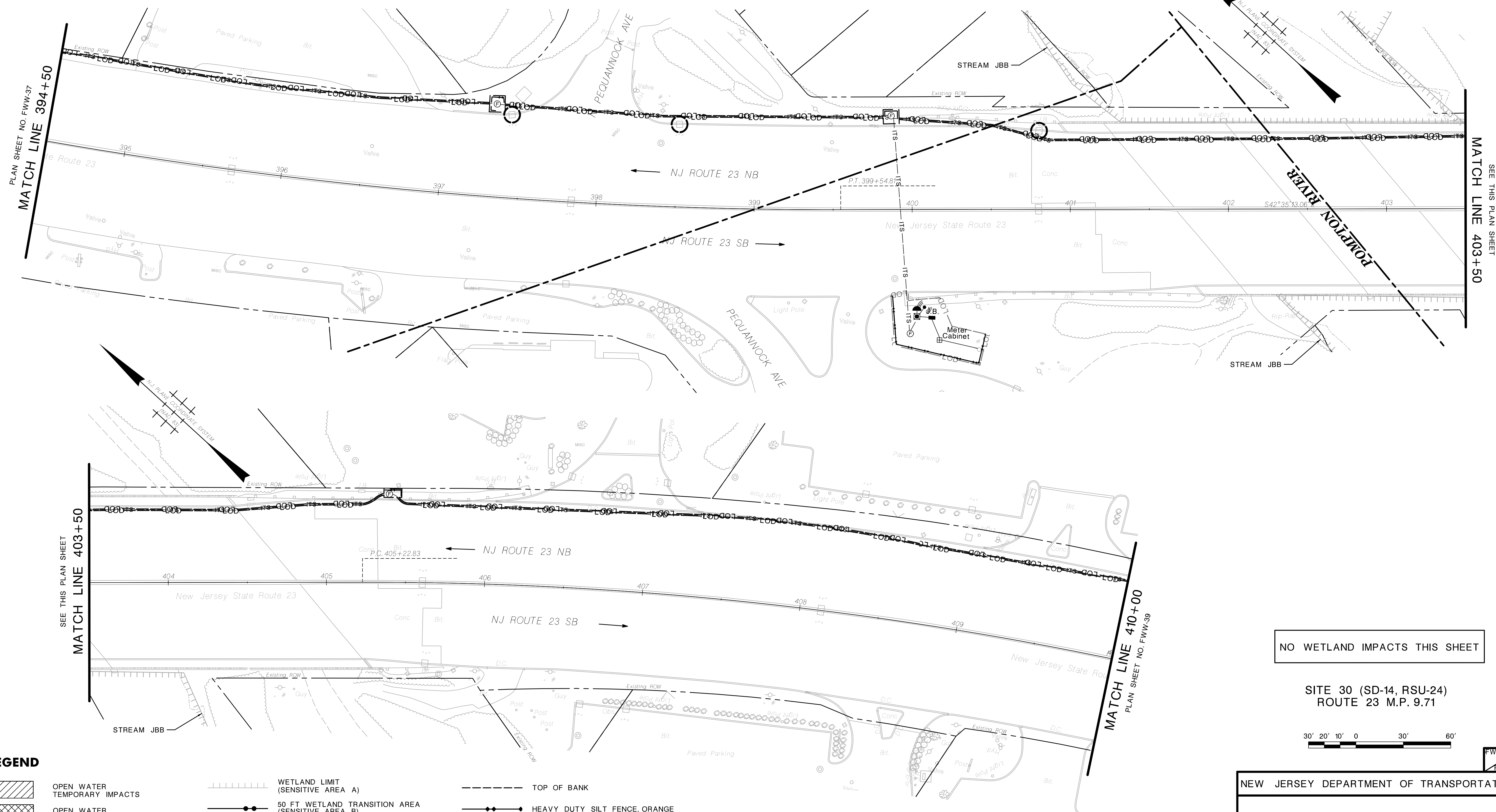


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file=.....bob.....



TOWNSHIP OF PEQUANNOCK

COUNTY OF MORRIS



NO WETLAND IMPACTS THIS SHEET

SITE 30 (SD-14, RSU-24)
ROUTE 23 M.P. 9.71

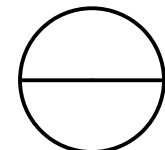


NEW JERSEY DEPARTMENT OF TRANSPORTATION

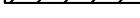
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



LEGEND

- | | | | | | |
|---|---|---|---|---|-------------------------------|
|  | OPEN WATER
TEMPORARY IMPACTS |  | WETLAND LIMIT
(SENSITIVE AREA A) |  | TOP OF BANK |
|  | OPEN WATER
PERMANENT IMPACTS |  | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) |  | HEAVY DUTY SILT FENCE, ORANGE |
|  | TRANSITION AREA TEMPORARY IMPACTS |  | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) |  | 100-YEAR FLOODPLAIN |
|  | TRANSITION AREA PERMANENT IMPACTS |  | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) |  | INLET FILTER |
|  | FRESHWATER WETLAND
TEMPORARY IMPACTS |  | STREAM CENTERLINE | | |
|  | FRESHWATER WETLAND
PERMANENT IMPACTS |  | FLOOD HAZARD AREA | | |
| | |  | LOD ——— LIMIT OF DISTURBANCE | | |

\$\$\$\$\$PENTABLE\$\$\$\$\$

\$\$\$USERNAME\$\$\$

SYTIME\$\$\$\$\$

\$\$\$\$DGN\$PEC\$\$\$\$\$\$\$\$\$

NJDOT Design Services

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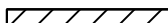
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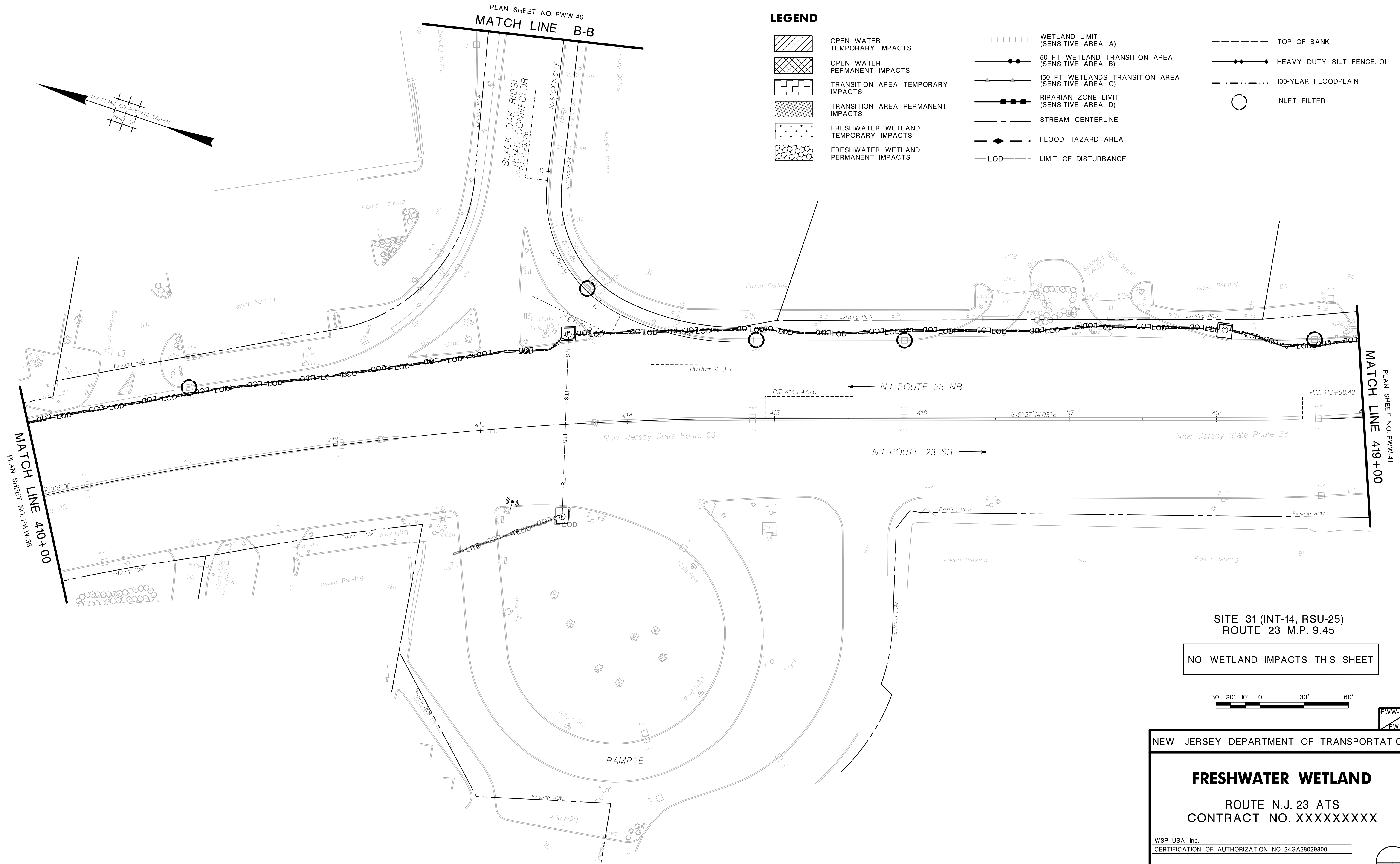
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TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

LEGEND

- | | | | | | |
|---|---|---|--|---|---------------------------|
|  | OPEN WATER
TEMPORARY IMPACTS |  | WETLAND LIMIT
(SENSITIVE AREA A) |  | TOP OF BANK |
|  | OPEN WATER
PERMANENT IMPACTS |  | 50 FT. WETLAND TRANSITION AREA
(SENSITIVE AREA B) |  | HEAVY DUTY SILT FENCE, OI |
|  | TRANSITION AREA TEMPORARY
IMPACTS |  | 150 FT. WETLANDS TRANSITION AREA
(SENSITIVE AREA C) |  | 100-YEAR FLOODPLAIN |
|  | TRANSITION AREA PERMANENT
IMPACTS |  | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) |  | INLET FILTER |
|  | FRESHWATER WETLAND
TEMPORARY IMPACTS |  | STREAM CENTERLINE | | |
|  | FRESHWATER WETLAND
PERMANENT IMPACTS |  | FLOOD HAZARD AREA | | |
| | |  | LIMIT OF DISTURBANCE | | |



SITE 31 (INT-14, RSU-25)
ROUTE 23 M.P. 9.45

NO WETLAND IMPACTS THIS SHEET

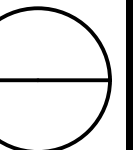


NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

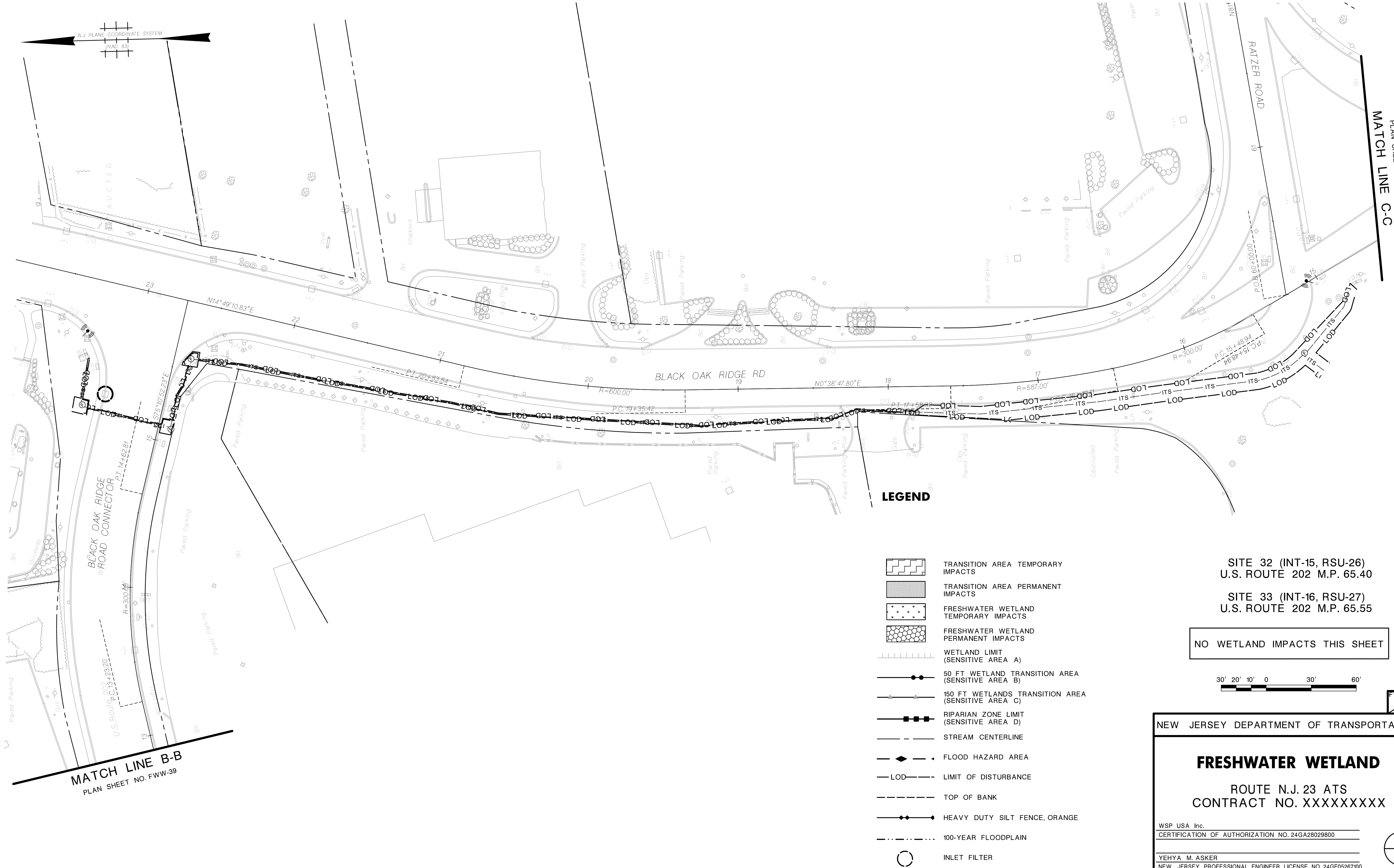
WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



TOWNSHIP OF WAYNE

COUNTY OF MORRIS

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 32 (INT-15, RSU-26)
U.S. ROUTE 202 M.P. 65.40

SITE 33 (INT-16, RSU-27)
U.S. ROUTE 202 M.P. 65.55

NO WETLAND IMPACTS THIS SHEET



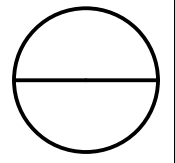
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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NJDOT Design Services

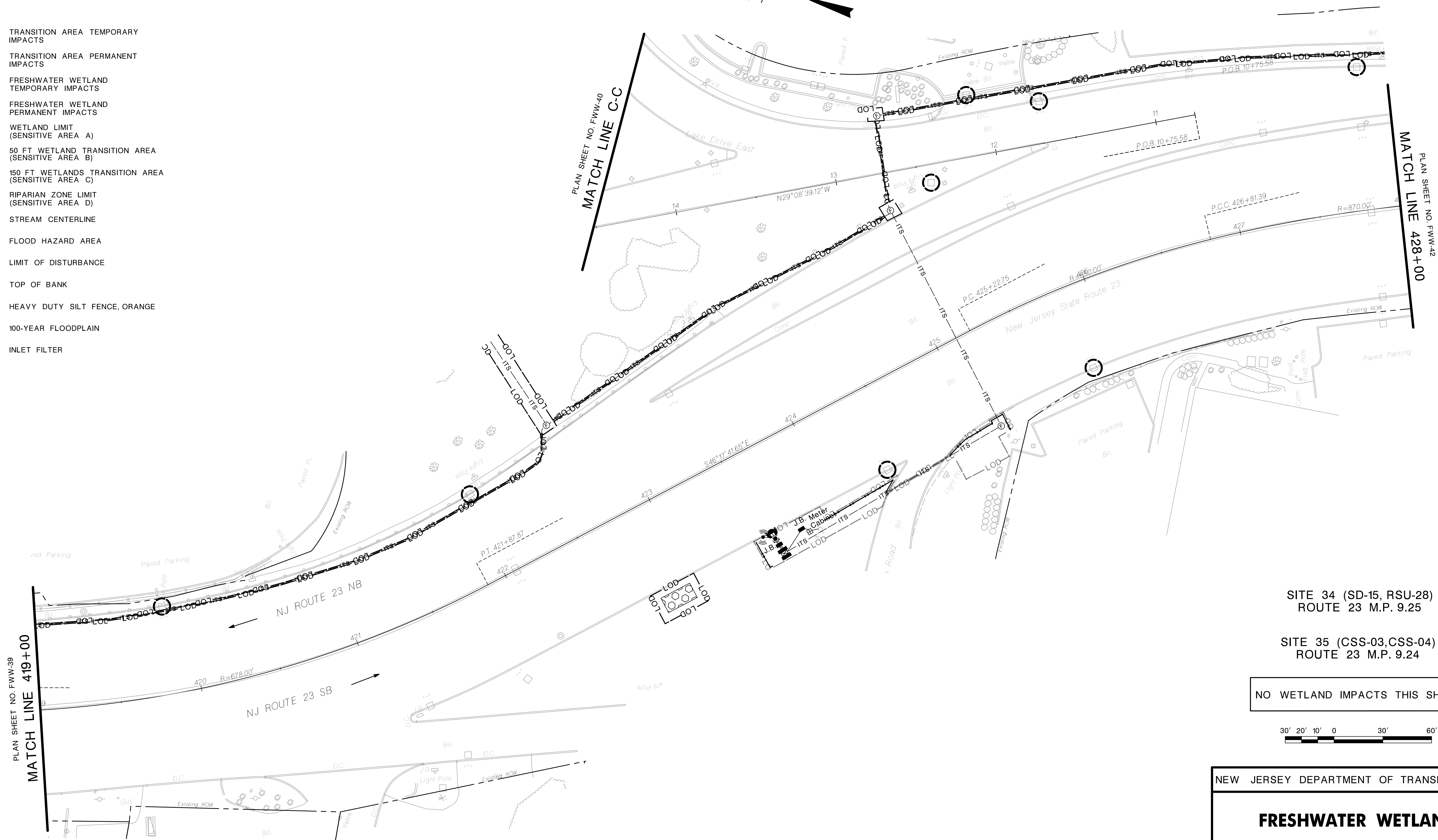
LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 34 (SD-15, RSU-28)
ROUTE 23 M.P. 9.25

SITE 35 (CSS-03,CSS-04)
ROUTE 23 M.P. 9.24

NO WETLAND IMPACTS THIS SHEET

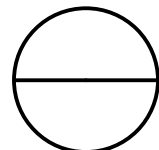


NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



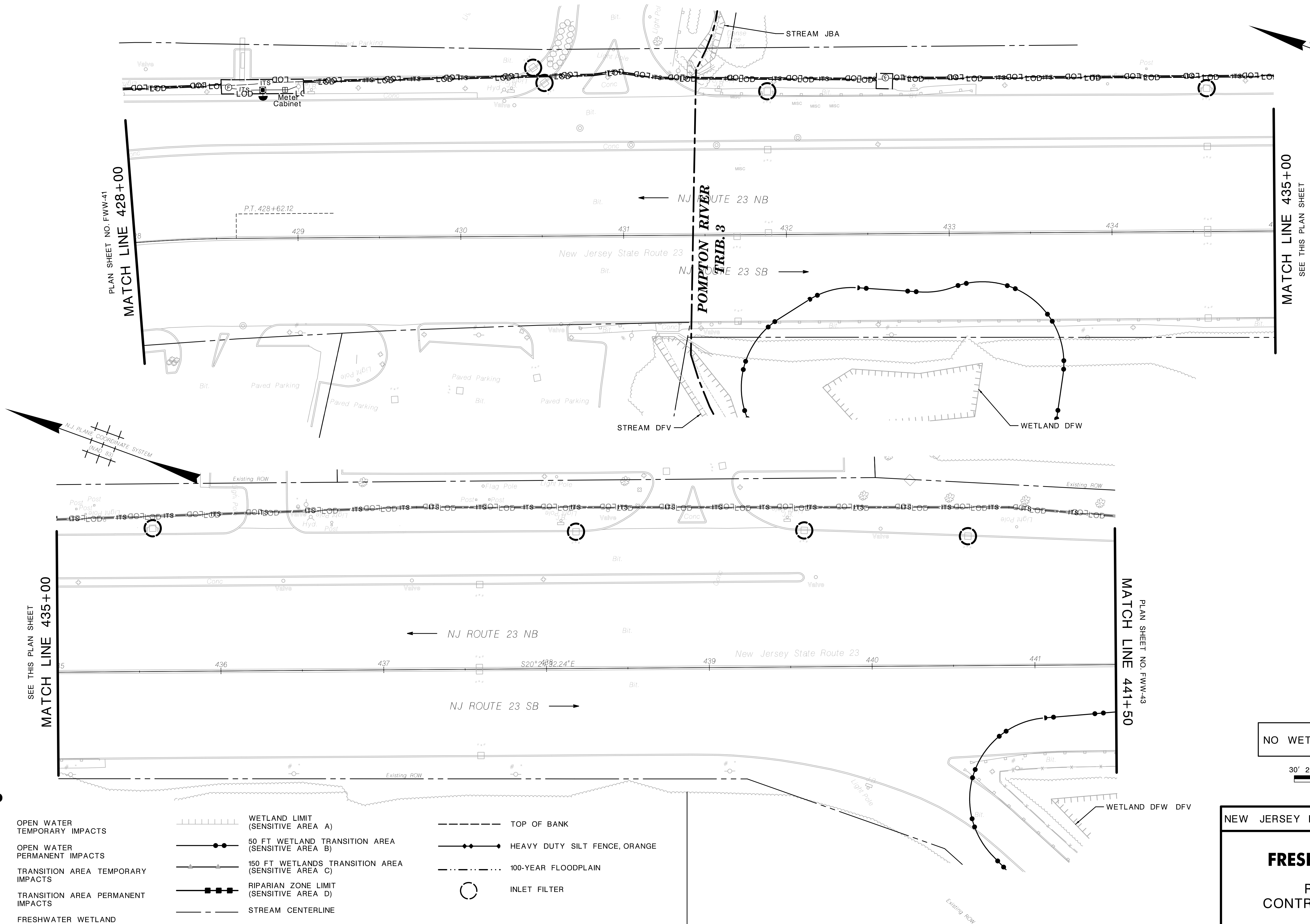
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COUNTY OF MORRIS

TOWNSHIP OF WAYNE

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- | | | | |
|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | FLOOD HAZARD AREA |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | LIMIT OF DISTURBANCE |
| | WETLAND LIMIT (SENSITIVE AREA A) | | |
| | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | |
| | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | |
| | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | |
| | STREAM CENTERLINE | | |

NO WETLAND IMPACTS THIS SHEET



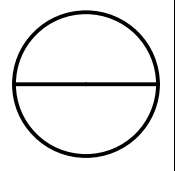
SITE 36 (SD-16)
U.S. 202 M.P. 65.2
(ROUTE 23 M.P. 9.15)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



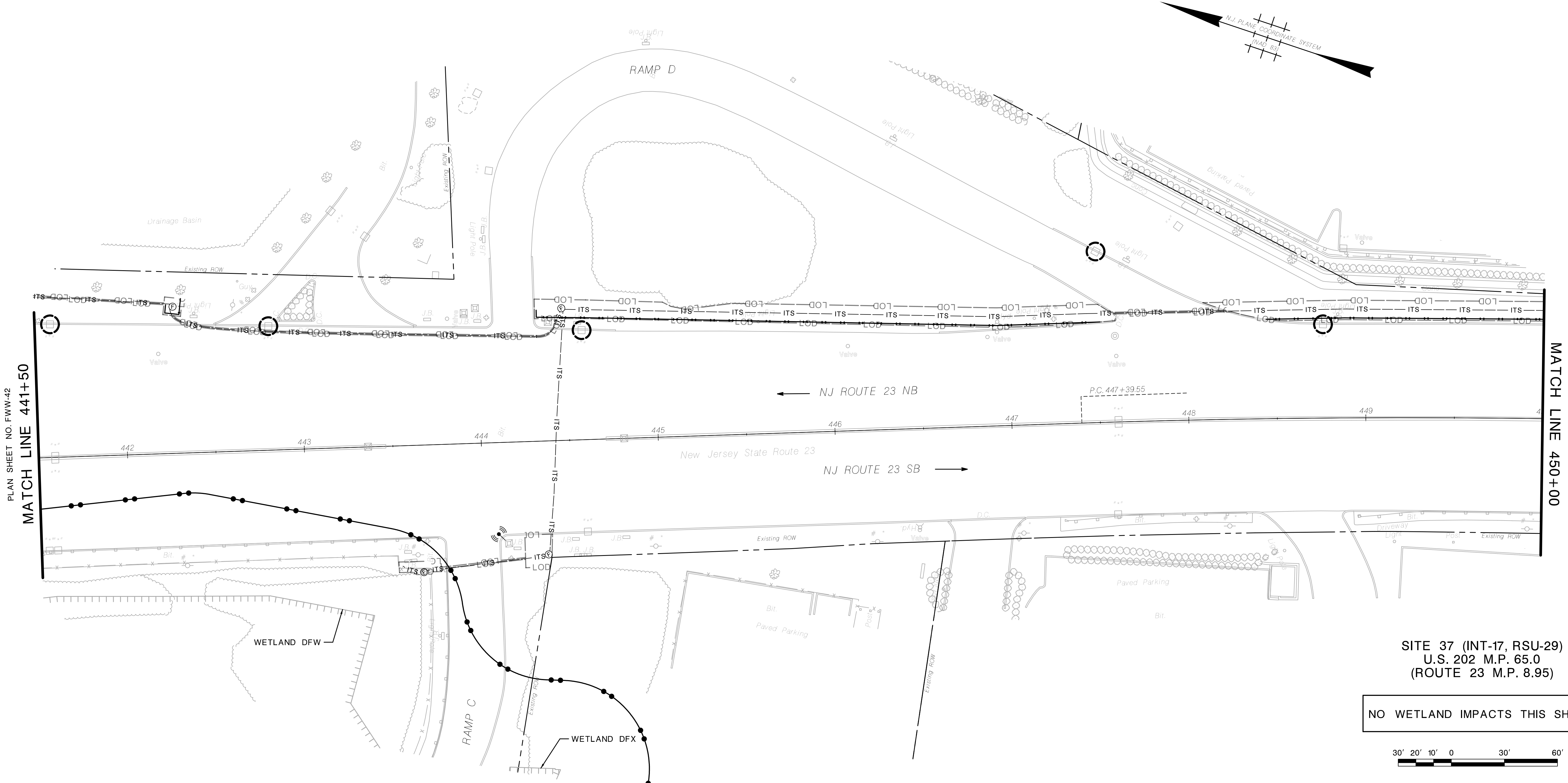
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TOWNSHIP OF PEQUANNOCK
COUNTY OF MORRIS

TOWNSHIP OF WAYNE
COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



- LEGEND**
- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |

SITE 37 (INT-17, RSU-29)
U.S. 202 M.P. 65.0
(ROUTE 23 M.P. 8.95)

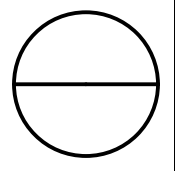
NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

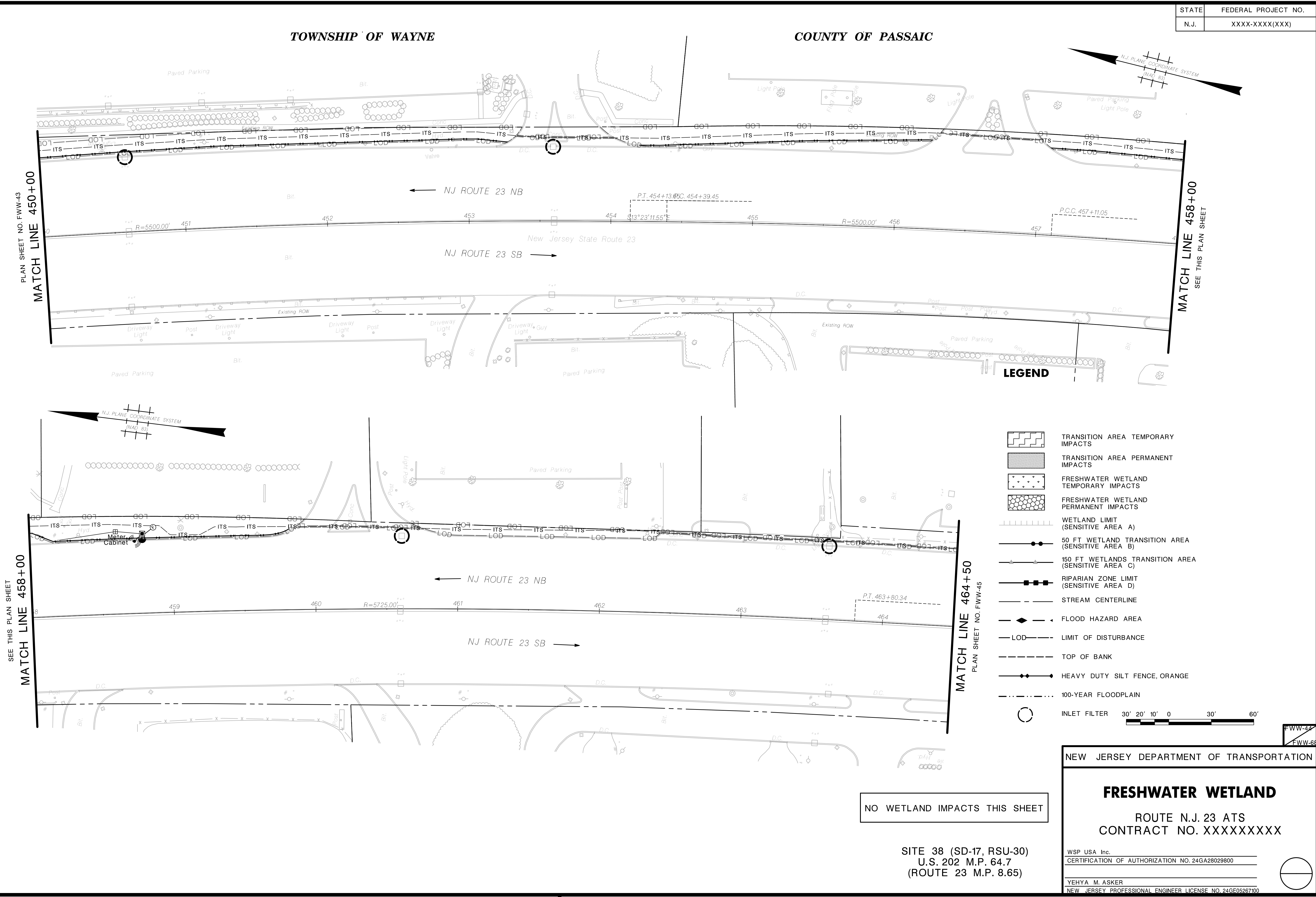
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CONTRACT NO. XXXXXXXXXX

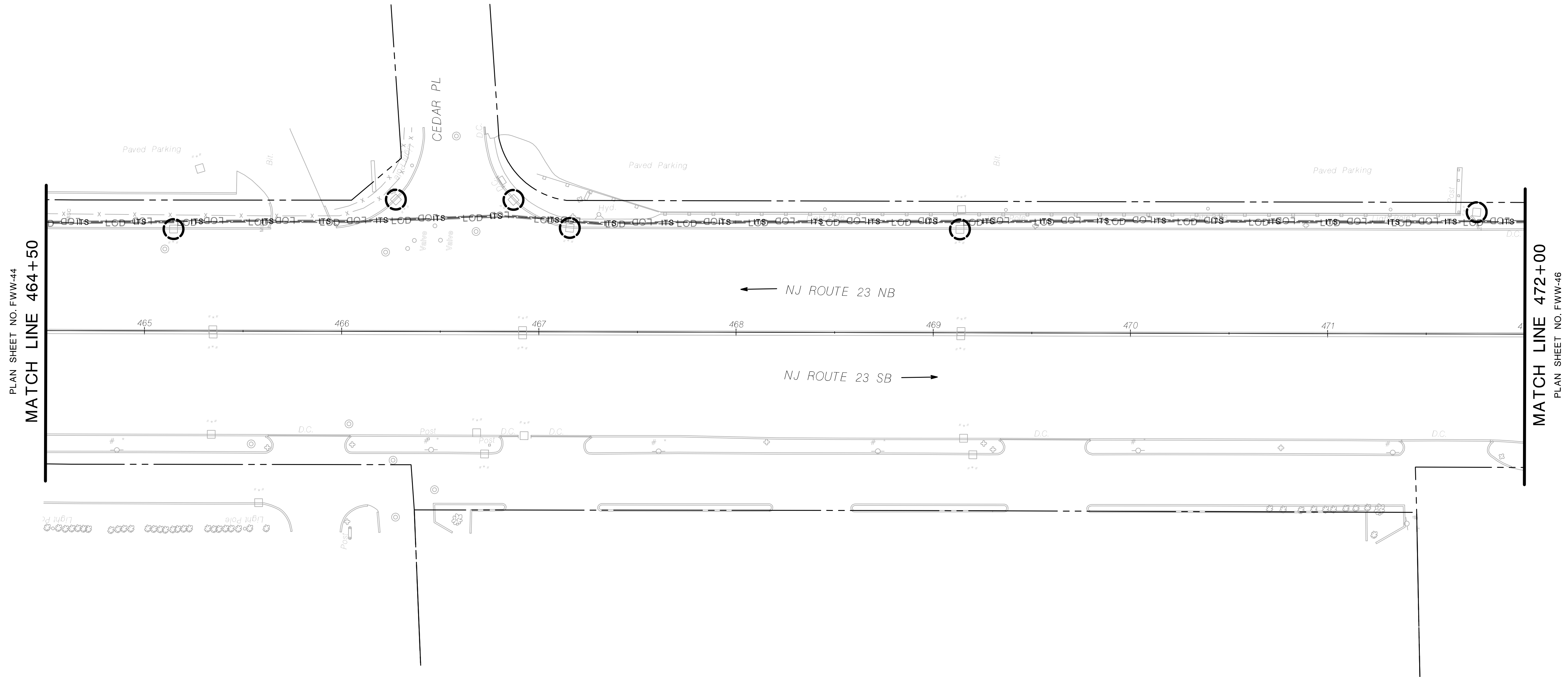
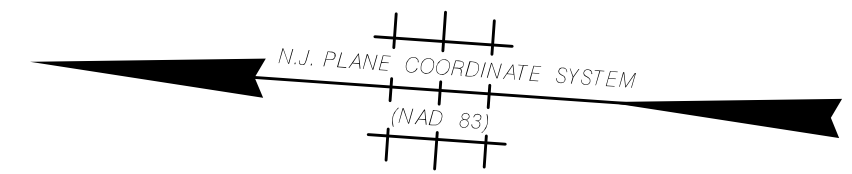
WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



ID=.....who.....date=.....time.....
scale=.....scale.....
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NJDOT Design Services
\$\$\$\$\$GNSPECS\$\$\$\$\$
\$\$\$\$\$YTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$





NO WETLAND IMPACTS THIS SHEET



WW-45
FWW-68

LEGEND

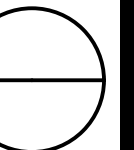
- | | | | | | |
|---|---|---|---|---|-------------------------------|
|  | OPEN WATER
TEMPORARY IMPACTS |  | WETLAND LIMIT
(SENSITIVE AREA A) |  | TOP OF BANK |
|  | OPEN WATER
PERMANENT IMPACTS |  | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) |  | HEAVY DUTY SILT FENCE, ORANGE |
|  | TRANSITION AREA TEMPORARY
IMPACTS |  | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) |  | 100-YEAR FLOODPLAIN |
|  | TRANSITION AREA PERMANENT
IMPACTS |  | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) |  | INLET FILTER |
|  | FRESHWATER WETLAND
TEMPORARY IMPACTS |  | STREAM CENTERLINE | | |
|  | FRESHWATER WETLAND
PERMANENT IMPACTS |  | FLOOD HAZARD AREA | | |
| | |  | LOD ——— LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



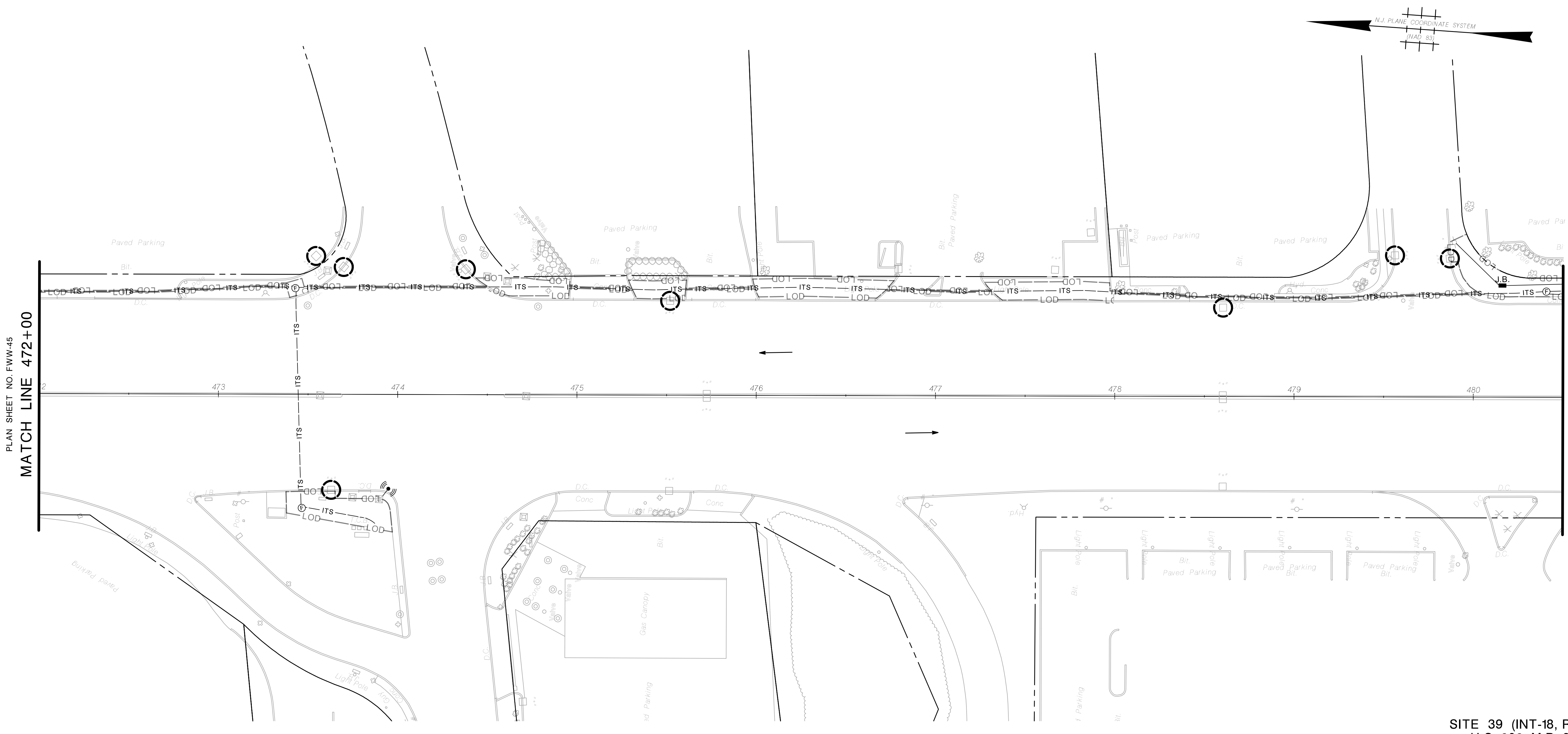
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TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 39 (INT-18, RSU-31)
U.S. 202 M.P. 64.4
(ROUTE 23 M.P. 8.35)

NO WETLAND IMPACTS THIS SHEET



LEGEND

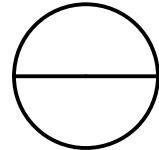
- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



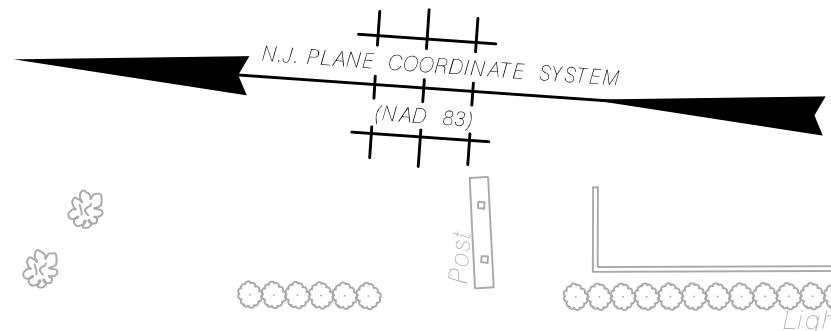
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STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

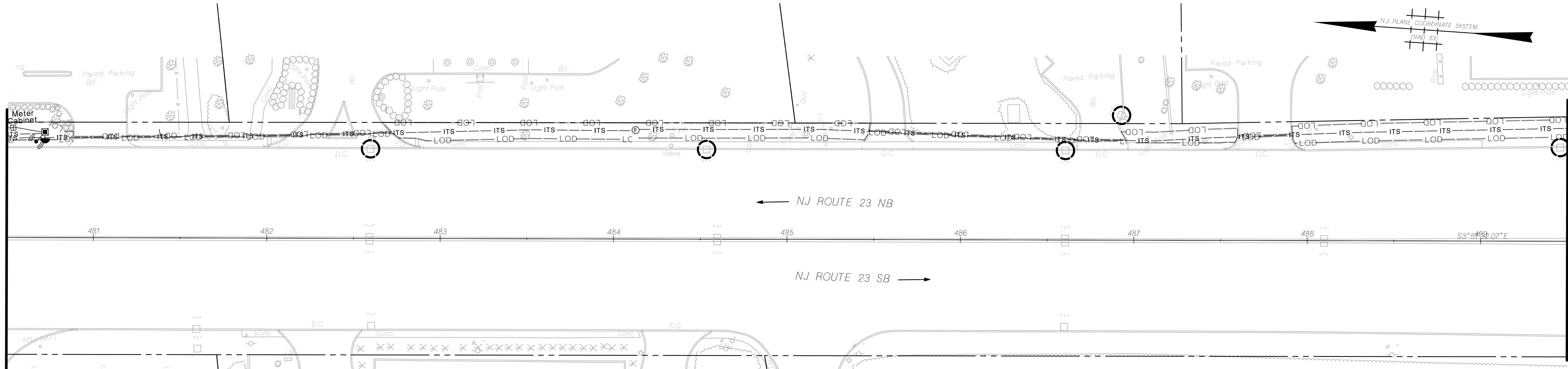
TOWNSHIP OF WAYNE

COUNTY OF PASSAIC



PLAN SHEET NO. FWW-46
MATCH LINE 480+50

MATCH LINE 489+50
SEE THIS PLAN SHEET



LEGEND

Dense Tree Cover

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPIARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER



FWW-47
FWW-68

NO WETLAND IMPACTS THIS SHEET

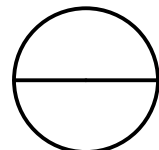
SITE 40 (SD-18, RSU-32)
U.S. 202 M.P. 64.3
(ROUTE 23 M.P. 8.25)

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



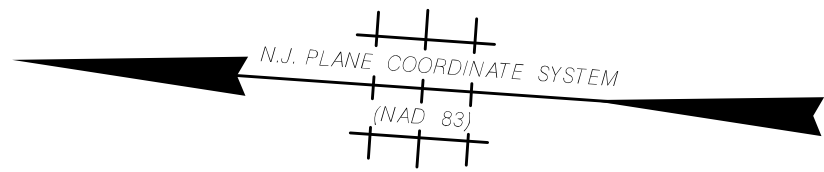
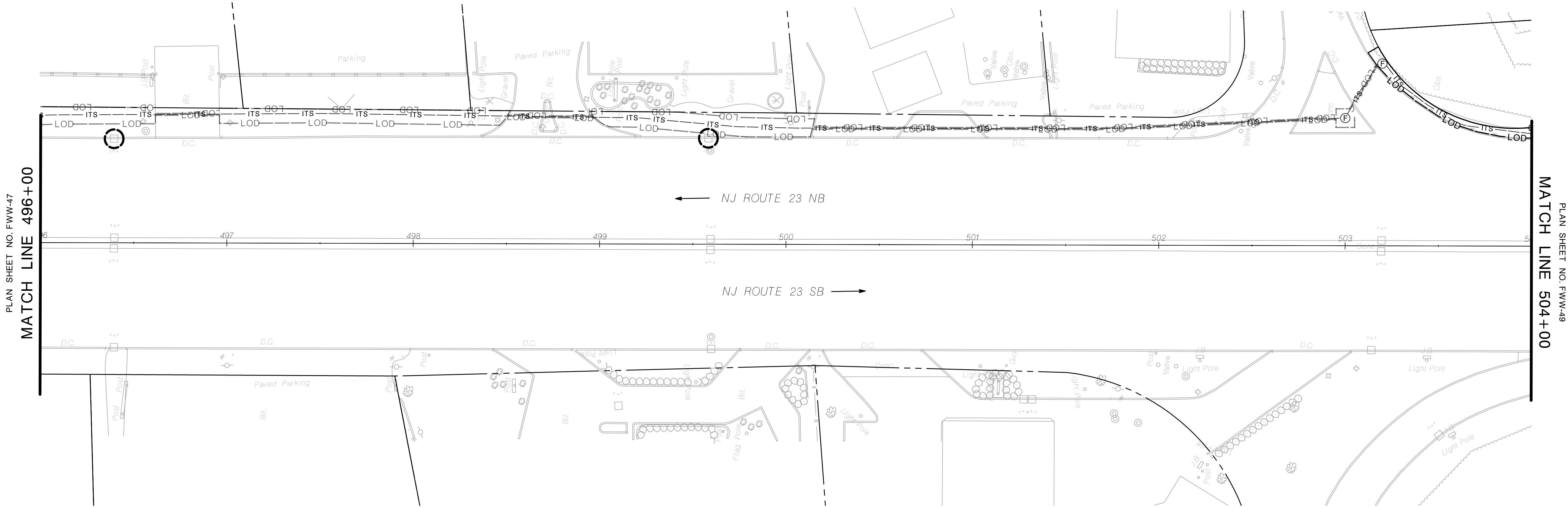
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TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NO WETLAND IMPACTS THIS SHEET



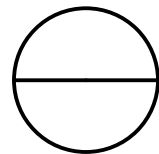
FWW-49
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



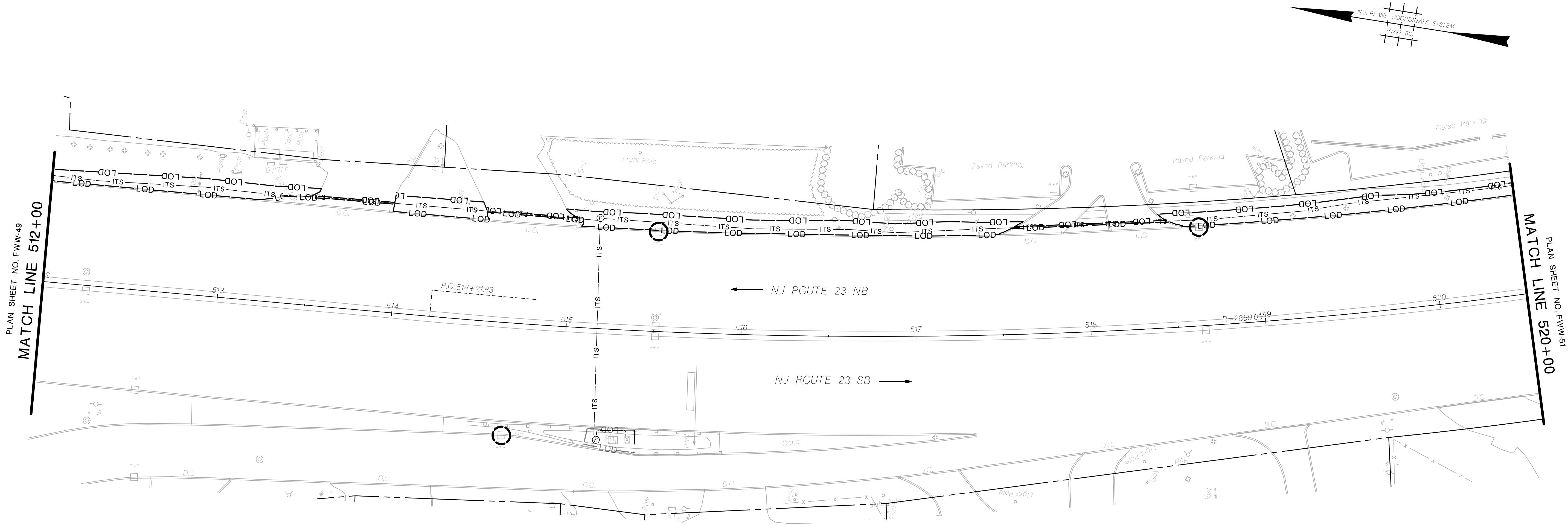
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TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 42 (DMS-03)
U.S. 202 M.P. 63.70
(ROUTE 23 M.P. 7.65)

NO WETLAND IMPACTS THIS SHEET



LEGEND

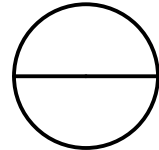
- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

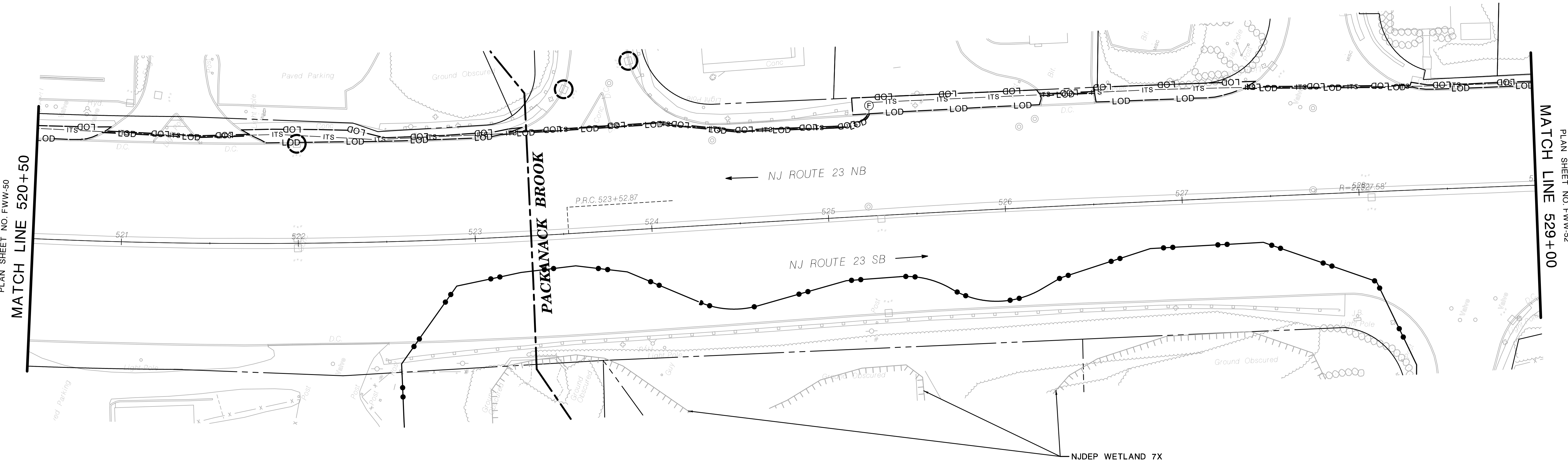
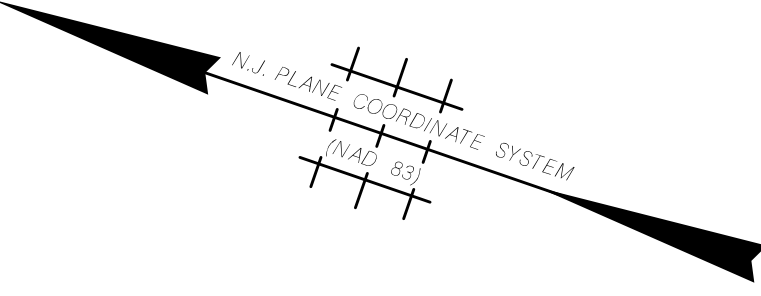
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700





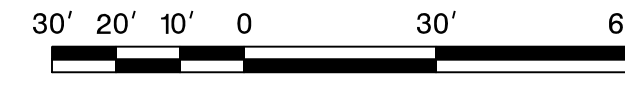
PLAN SHEET NO. FWW-50
MATCH LINE 520+50

PLAN SHEET NO. FW-32
MATCH LINE 529+00

LEGEND

- | | | | | | |
|---|---|---|---|---|-------------------------------|
|  | OPEN WATER
TEMPORARY IMPACTS |  | WETLAND LIMIT
(SENSITIVE AREA A) |  | TOP OF BANK |
|  | OPEN WATER
PERMANENT IMPACTS |  | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) |  | HEAVY DUTY SILT FENCE, ORANGE |
|  | TRANSITION AREA TEMPORARY
IMPACTS |  | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) |  | 100-YEAR FLOODPLAIN |
|  | TRANSITION AREA PERMANENT
IMPACTS |  | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) |  | INLET FILTER |
|  | FRESHWATER WETLAND
TEMPORARY IMPACTS |  | STREAM CENTERLINE | | |
|  | FRESHWATER WETLAND
PERMANENT IMPACTS |  | FLOOD HAZARD AREA | | |
| | |  | LOD ——— LIMIT OF DISTURBANCE | | |

NO WETLAND IMPACTS THIS SHEET

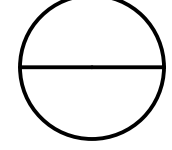


NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE052671



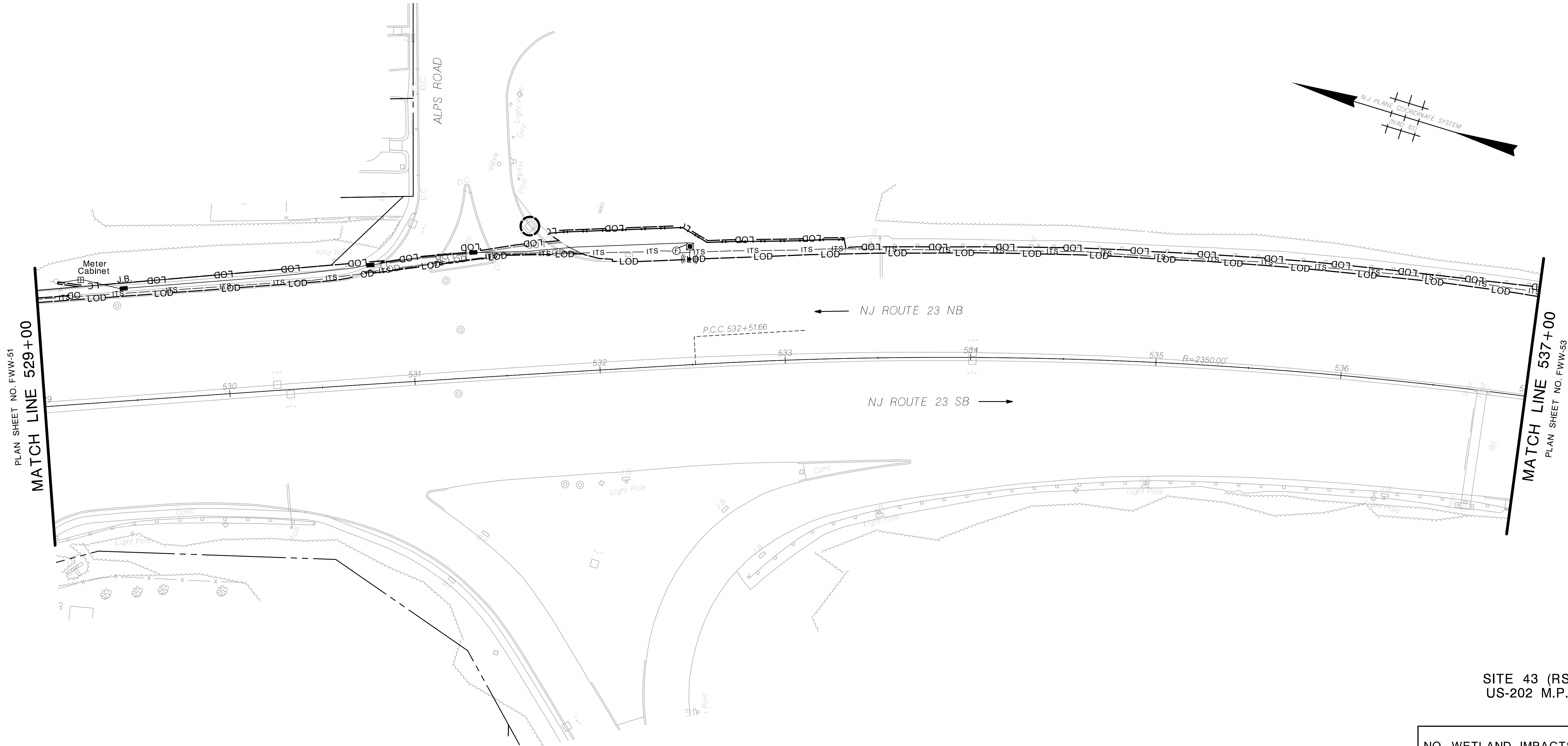
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NJDOT Design Services \$\$\$\$\$\$PEN\$PENTABLE\$\$\$\$\$
\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



SITE 43 (RSU-33)
US-202 M.P. 63.3

NO WETLAND IMPACTS THIS SHEET



LEGEND

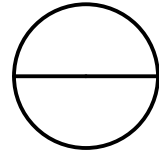
- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



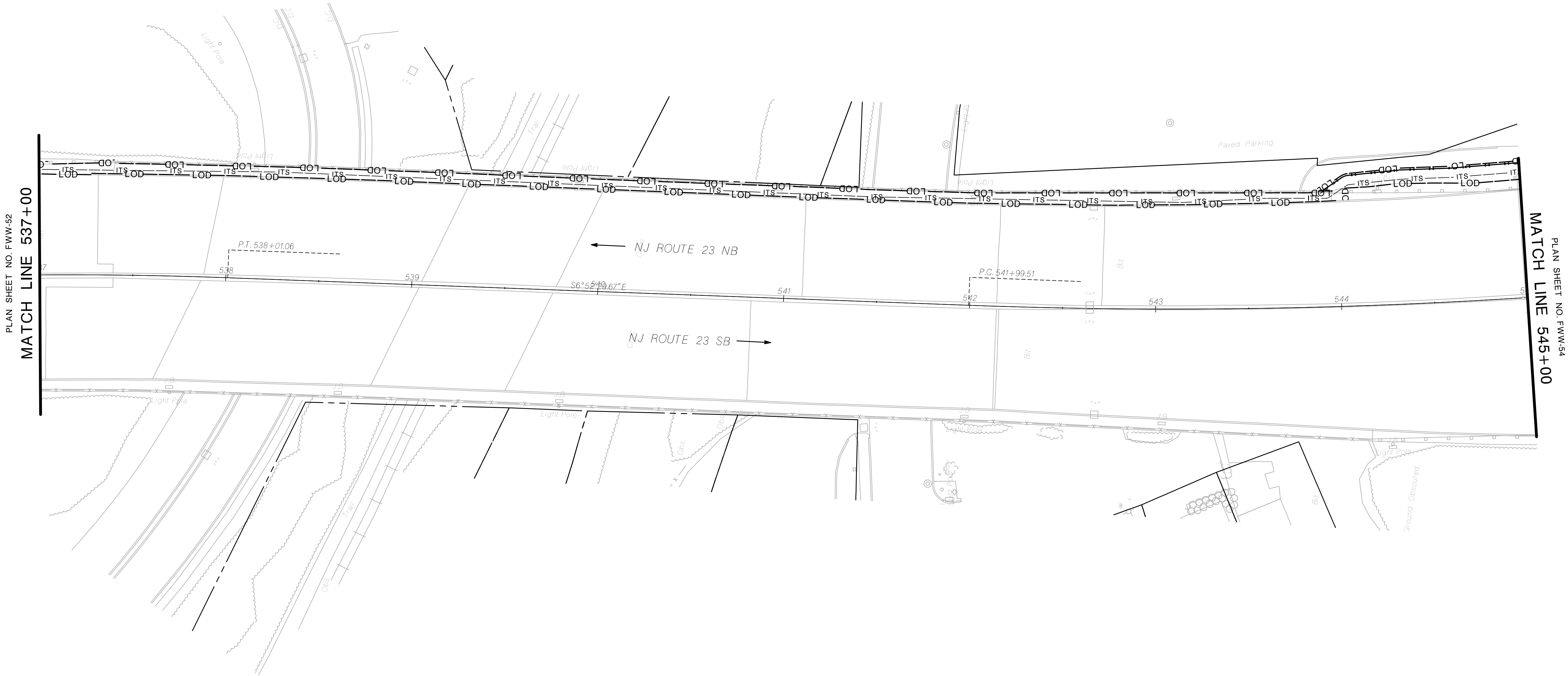
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NJDOT Design Services
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\$\$\$\$\$YTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



NO WETLAND IMPACTS THIS SHEET



FWW-53
FWW-68

LEGEND

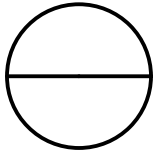
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|--|--------------------------------------|--|---|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



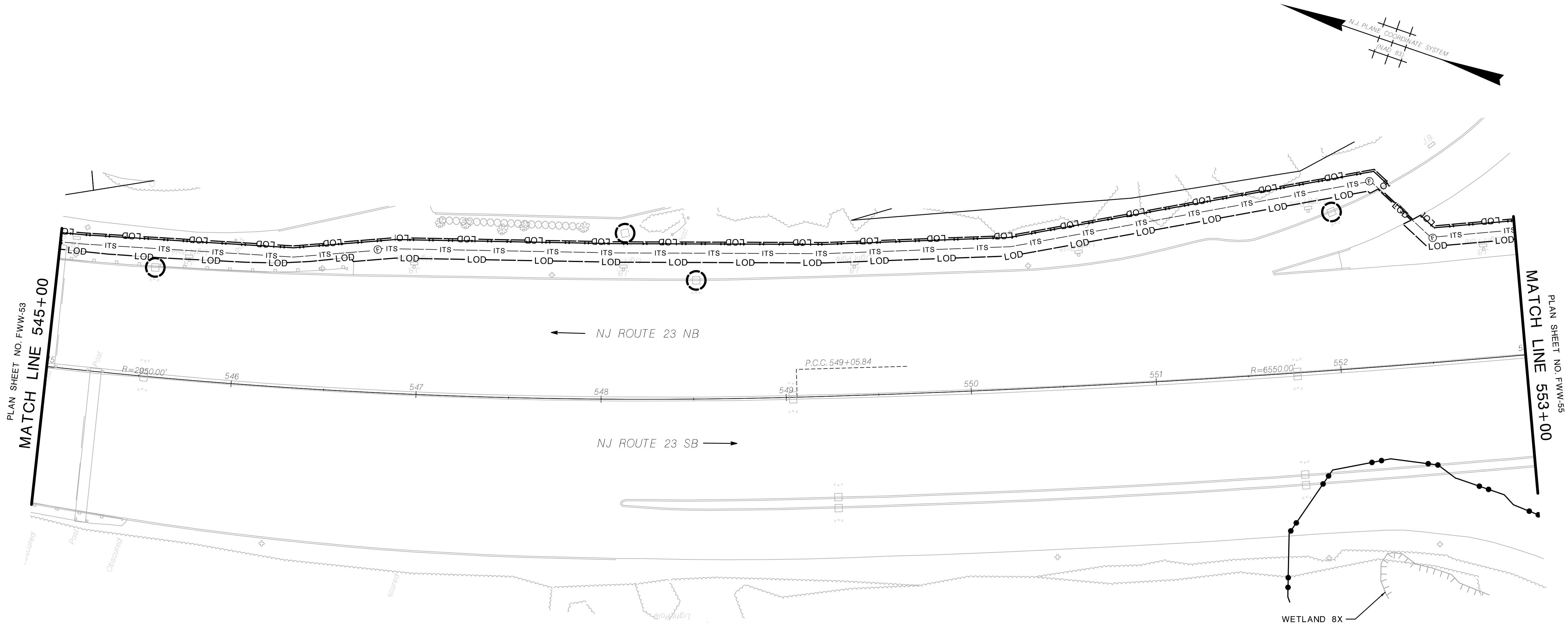
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\$\$\$\$\$YTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



NO WETLAND IMPACTS THIS SHEET



FWW-54
FWW-68

LEGEND

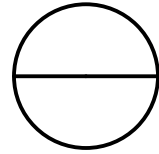
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|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

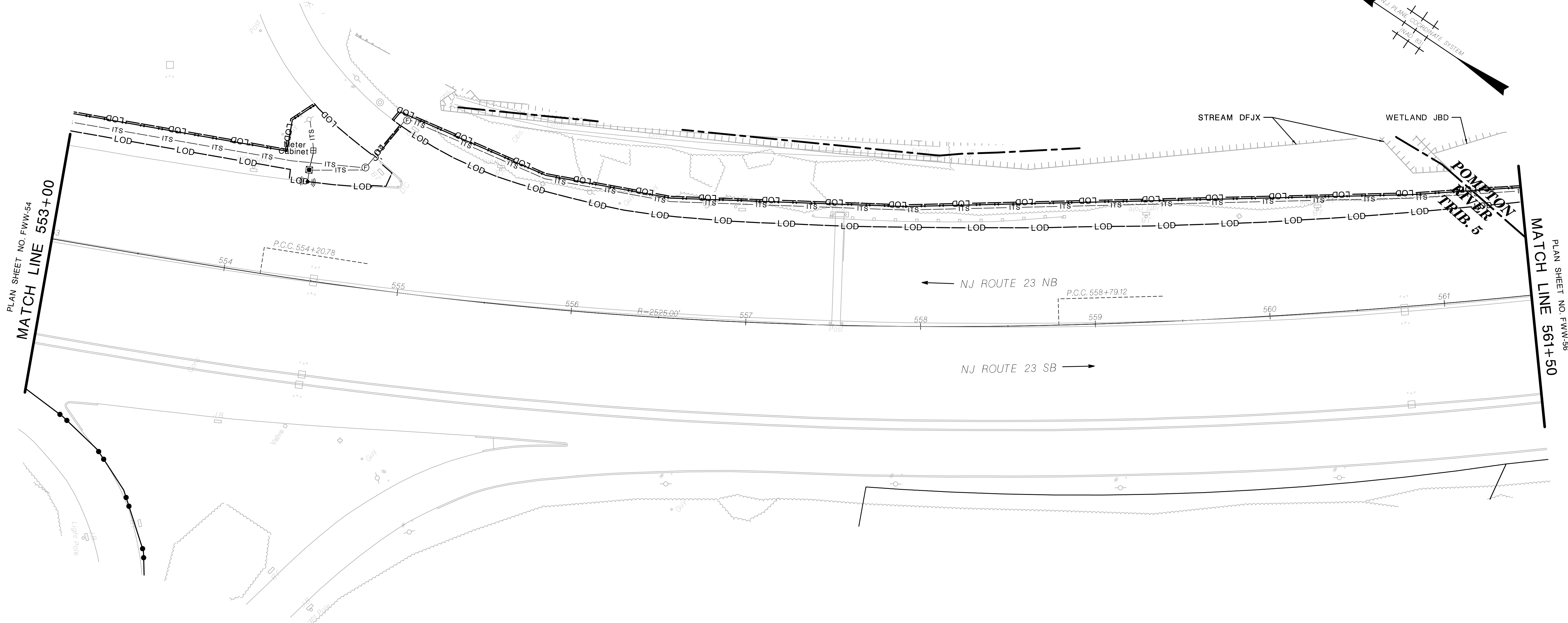
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100





SITE 44 (RSU-34)
ROUTE 23 M.P. 6.82

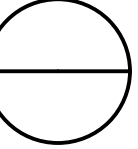
NO WETLAND IMPACTS THIS SHEET



FWW-55
FWW-6

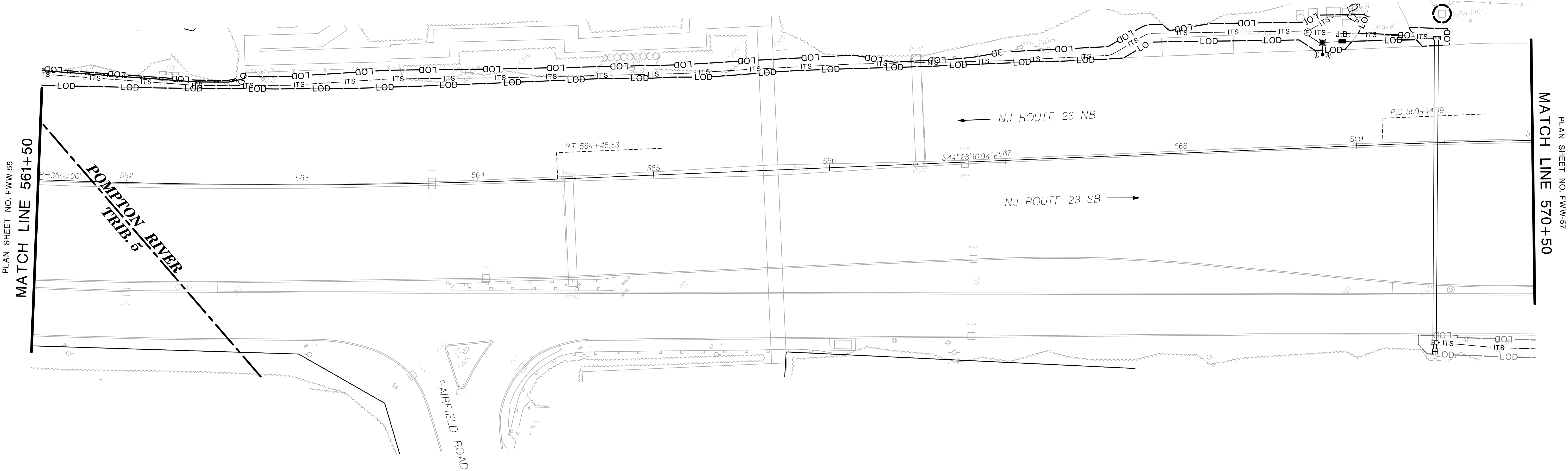
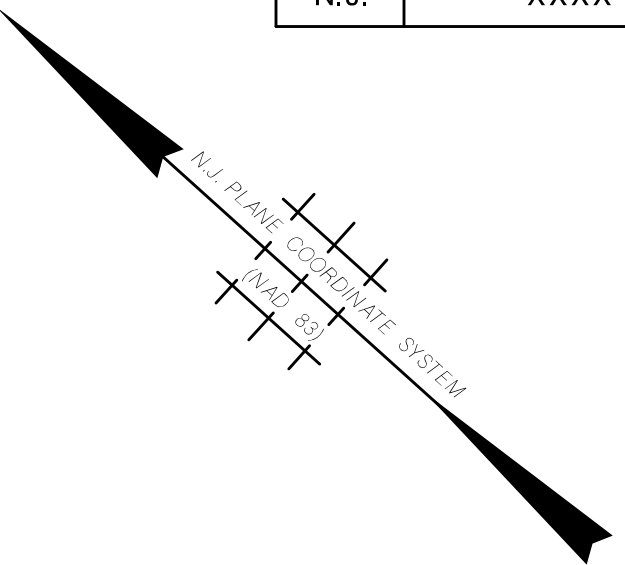
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|--|---|--|-------------------------------|
| | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | STREAM CENTERLINE | | |
| | FLOOD HAZARD AREA | | |
| | LIMIT OF DISTURBANCE | | |

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



TOWNSHIP · OF WAYNE

COUNTY OF PASSAIC



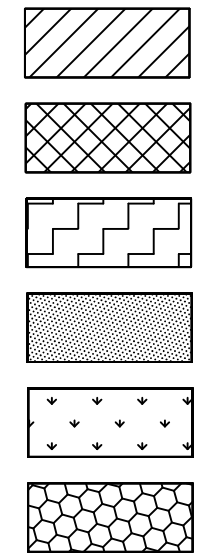
SITE 45 (RSU-35, CSS-06, CSS-07)
ROUTE 23 M.P. 6.49

NO WETLAND IMPACTS THIS SHEET



FWW-56
FWW-68

LEGEND



OPEN WATER
TEMPORARY IMPACTS

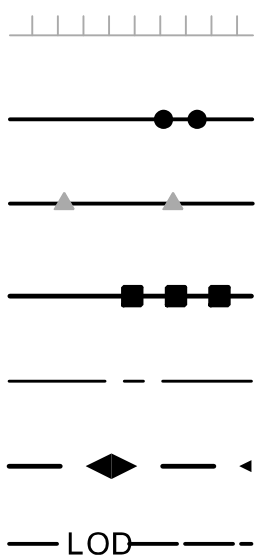
OPEN WATER
PERMANENT IMPACTS

TRANSITION AREA TEMPORARY
IMPACTS

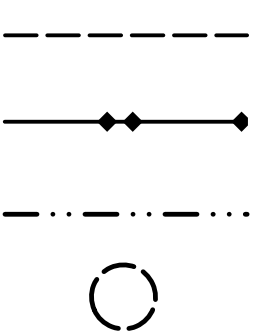
TRANSITION AREA PERMANENT
IMPACTS

FRESHWATER WETLAND
TEMPORARY IMPACTS

FRESHWATER WETLAND
PERMANENT IMPACTS



WETLAND LIMIT
(SENSITIVE AREA A)
50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
STREAM CENTERLINE
FLOOD HAZARD AREA
LIMIT OF DISTURBANCE



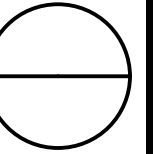
TOP OF BANK
HEAVY DUTY SILT FENCE, ORANGE
100-YEAR FLOODPLAIN
INLET FILTER

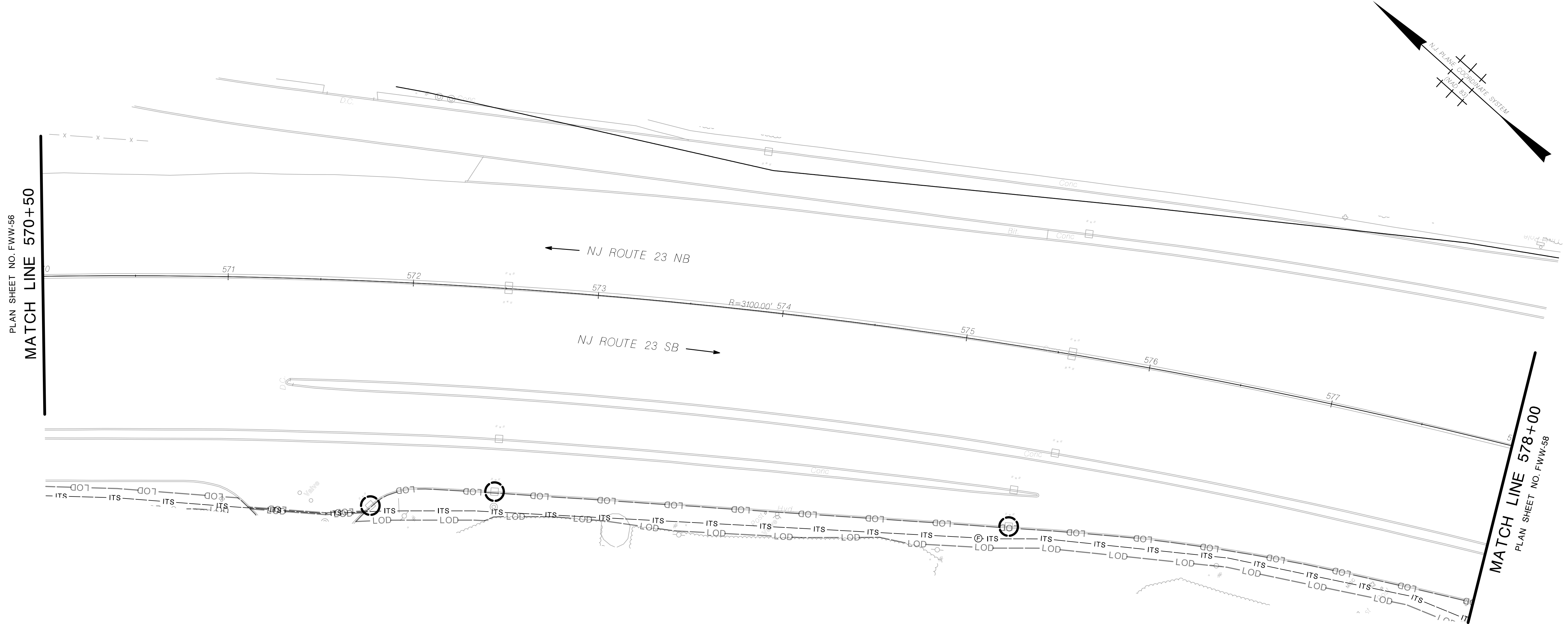
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100





NO WETLAND IMPACTS THIS SHEET



WW-57/

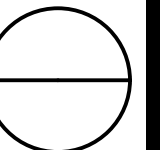
VW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

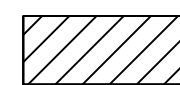
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
 CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
 YEHYA M. ASKER
 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



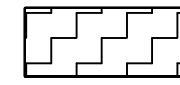
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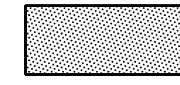
OPEN WATER TEMPORARY IMPACTS



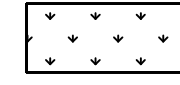
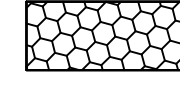
OPEN WATER
PERMANENT IMPACTS



TRANSITION AREA TEMPORARY
IMPACTS



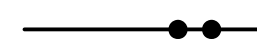
TRANSITION AREA PERMANENT
IMPACTS

FRESHWATER WETLAND
TEMPORARY IMPACTS

FRESHWATER WETLAND
PERMANENT IMPACTS



WETLAND LIMIT
(SENSITIVE AREA A)



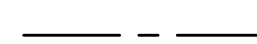
50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)



150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)



RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)



STREAM CENTERLINE



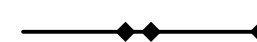
FLOOD HAZARD AREA



LIMIT OF DISTURBANCE



TOP OF BANK



HEAVY DUTY SILT FENCE, ORANGE



100-YEAR FLOODPLAIN



INLET FILTER

file=.....bob.....
ID=.....who.....date=.....time.....
scale=.....scale.....
pen table=.....pentable.....

NJDOT Design Services
\$\$\$\$\$GNSPECS\$\$\$\$\$
\$\$\$\$\$YTIMES\$\$\$\$\$
\$\$\$\$\$USERNAMES\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

PLAN SHEET NO. FW-57
MATCH LINE 578+00

PLAN SHEET NO. FW-59
MATCH LINE 586+50

LEGEND

- | | | | | | |
|--|---|--|---|--|-------------------------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LIMIT OF DISTURBANCE | | |

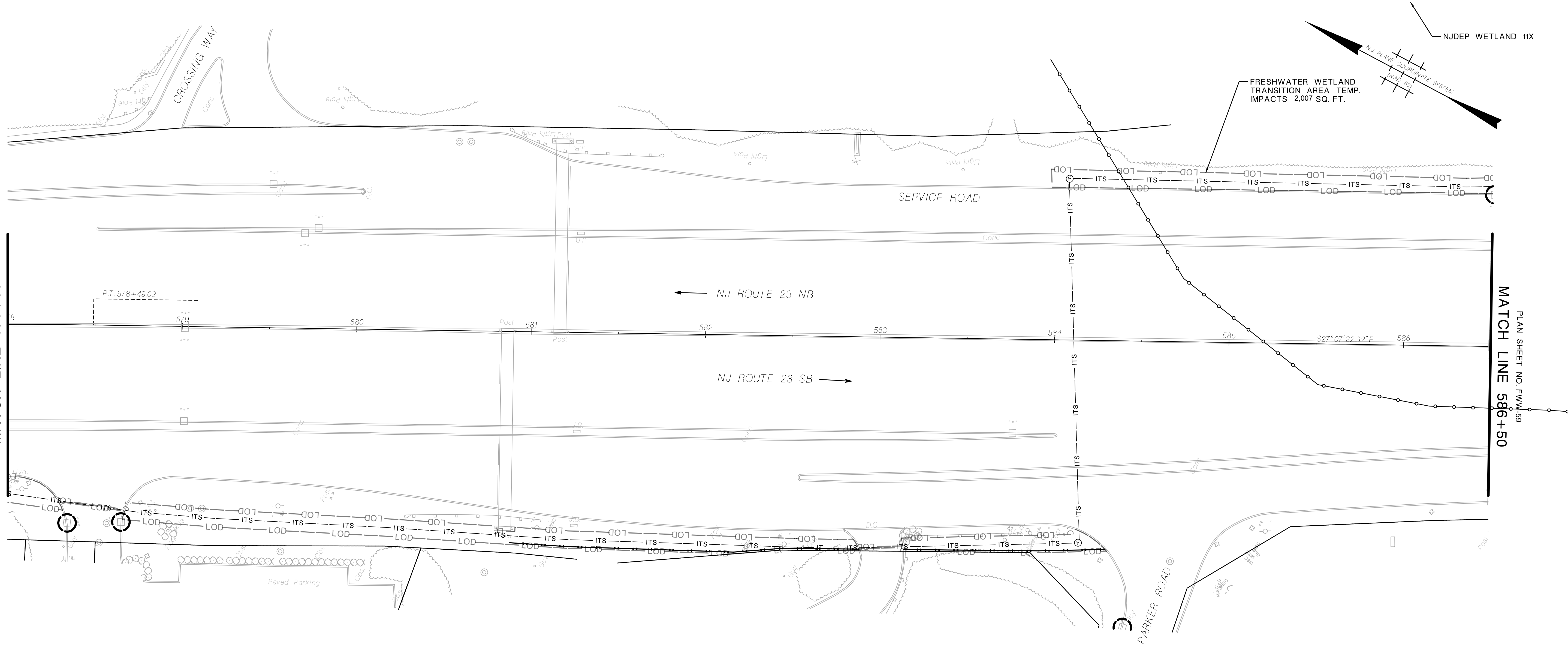
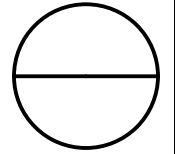


NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

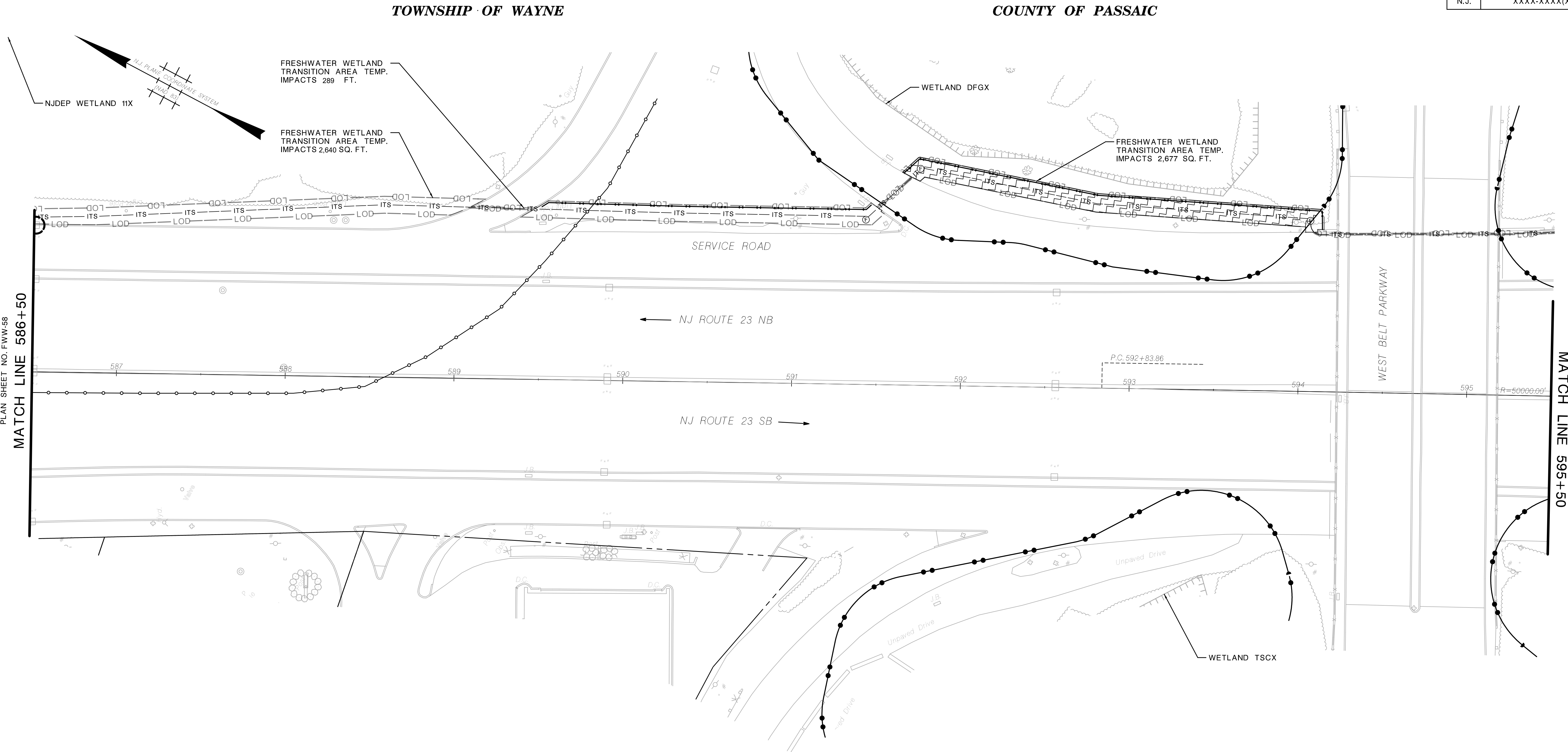
WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700



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NJDOT Design Services

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT. WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT. WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	5,606
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	



NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

FWW-59
FWW-68

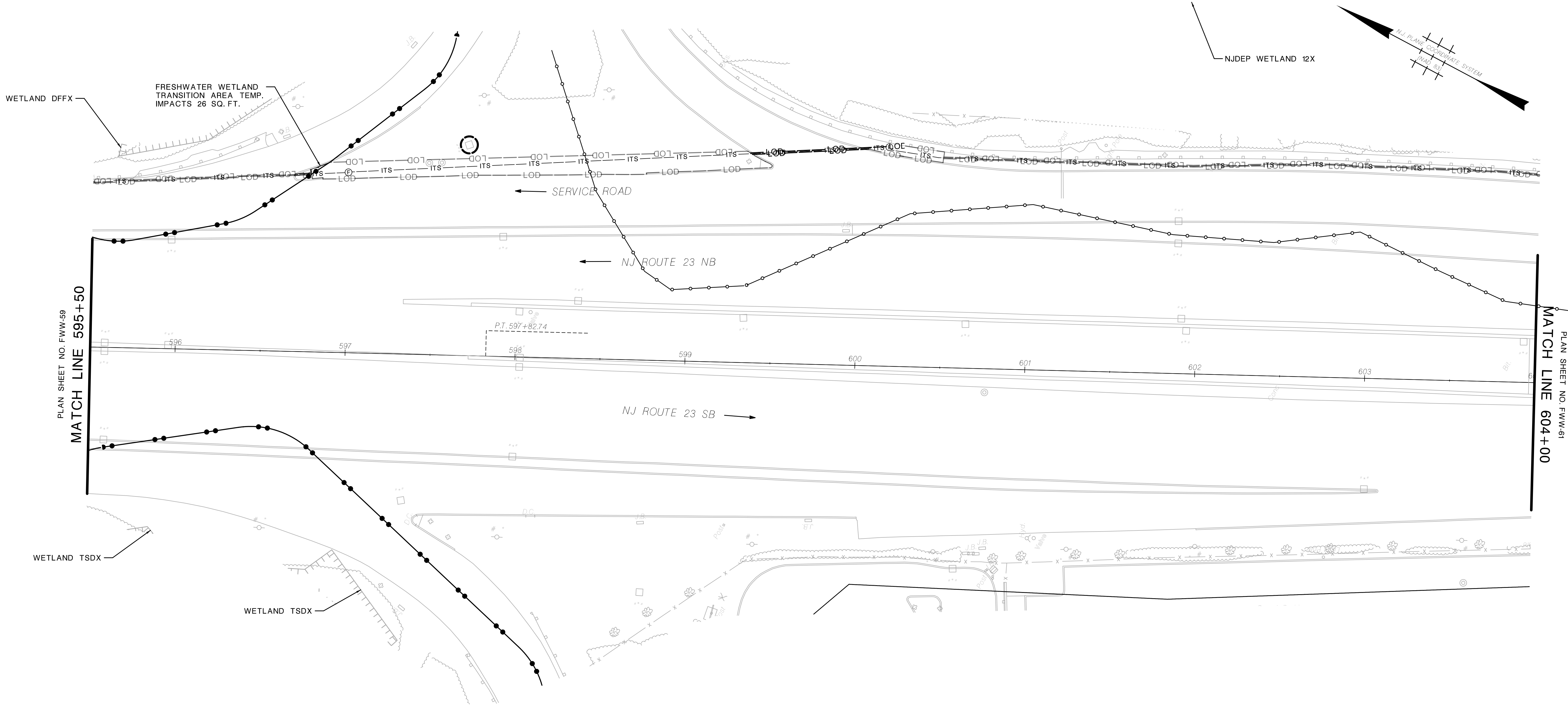
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\$\$\$\$\$DGN\$SPEC\$\$\$\$\$
NJDOT Design Services

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	26
	PERMANENT IMPACTS	
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	



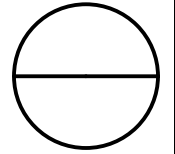
FWW-60
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

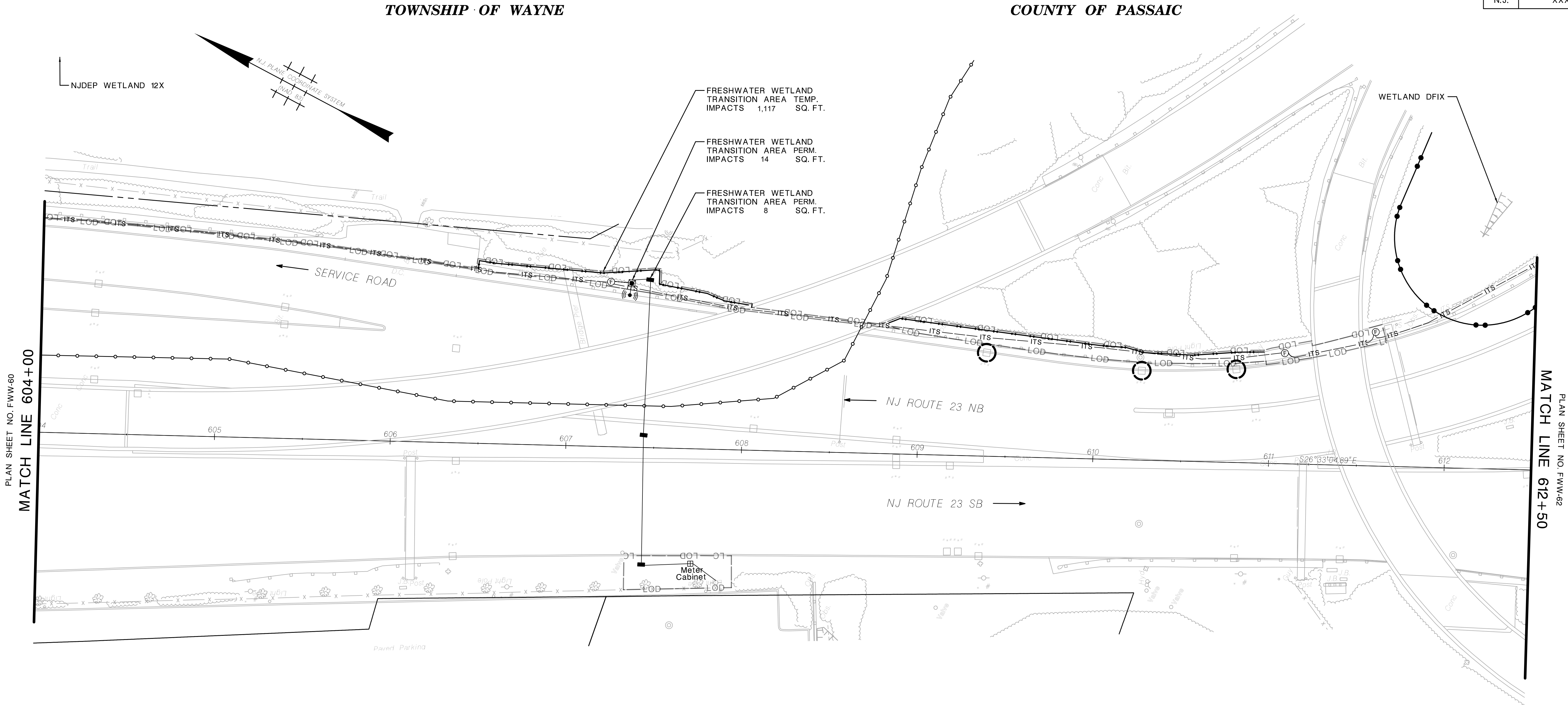
WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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\$\$\$\$\$DGN\$SPEC\$\$\$\$\$
NJDOT Design Services

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- OPEN WATER
TEMPORARY IMPACTS
-
- OPEN WATER
-
- PERMANENT IMPACTS

IMPACTS		(SF)
FRESHWATER WETLANDS	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	
FRESHWATER WETLANDS TRANSITION AREA	TEMPORARY IMPACTS	1,117
	PERMANENT IMPACTS	22
STATE OPEN WATER	TEMPORARY IMPACTS	
	PERMANENT IMPACTS	



NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

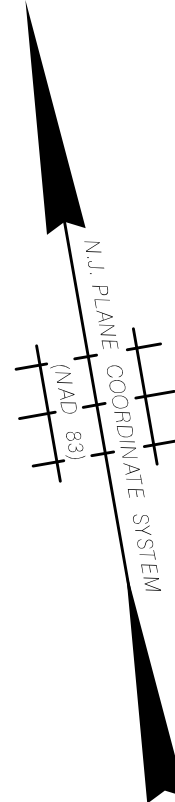
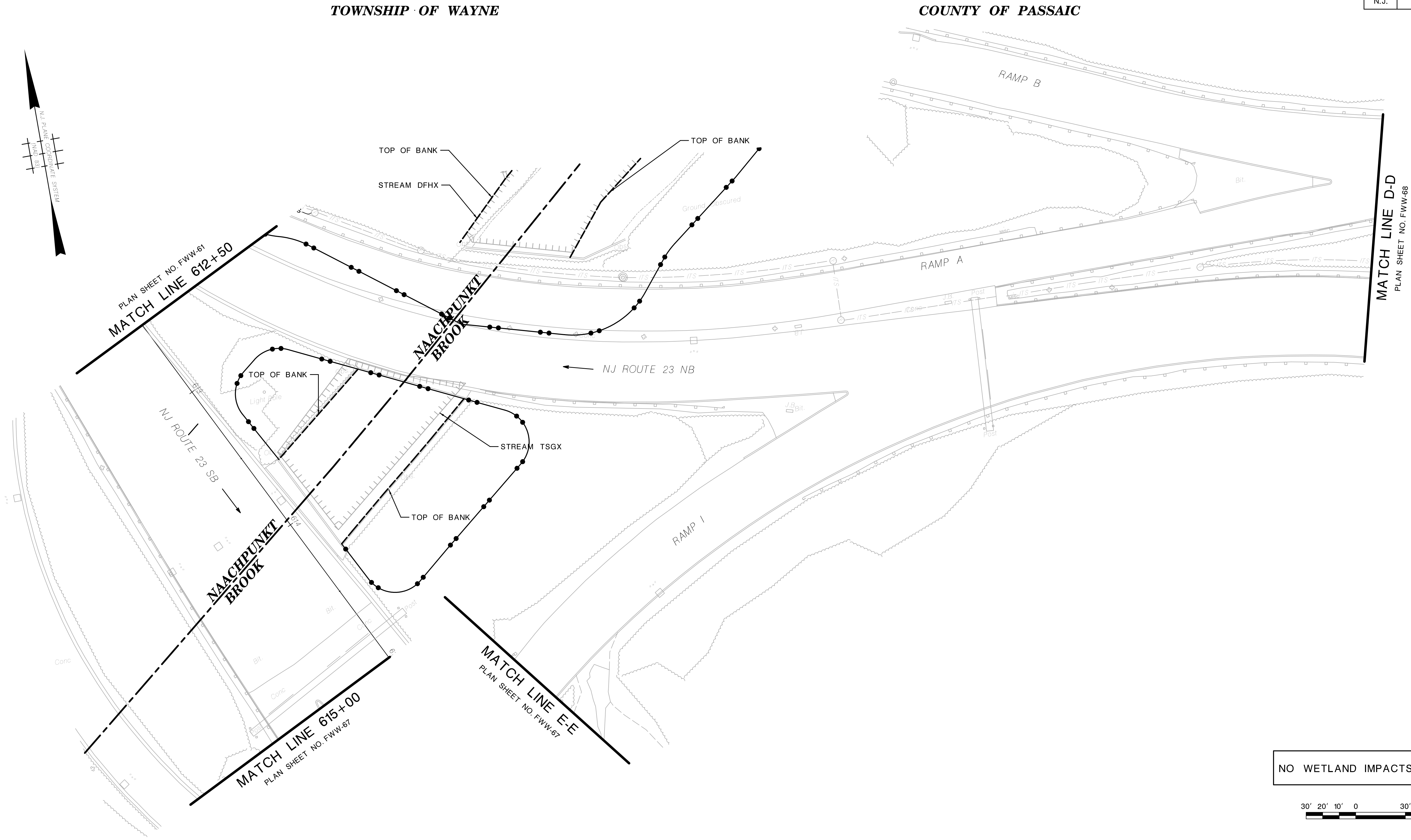
WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

FWW-61
FWW-68

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NJDOT Design Services
\$\$\$\$\$GNSPECS\$\$\$\$\$
\$\$\$\$\$YTIMES\$\$\$\$\$
\$\$\$\$\$USERNAMES\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- | | | | | | |
|--|--------------------------------------|--|--|--|-------------------------------|
| | OPEN WATER TEMPORARY IMPACTS | | WETLAND LIMIT (SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B) | | HEAVY DUTY SILT FENCE, ORANGE |
| | TRANSITION AREA TEMPORARY IMPACTS | | 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C) | | 100-YEAR FLOODPLAIN |
| | TRANSITION AREA PERMANENT IMPACTS | | RIPARIAN ZONE LIMIT (SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |

NO WETLAND IMPACTS THIS SHEET



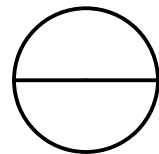
FWW-62
FWW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



ID=.....who.....date=.....time.....
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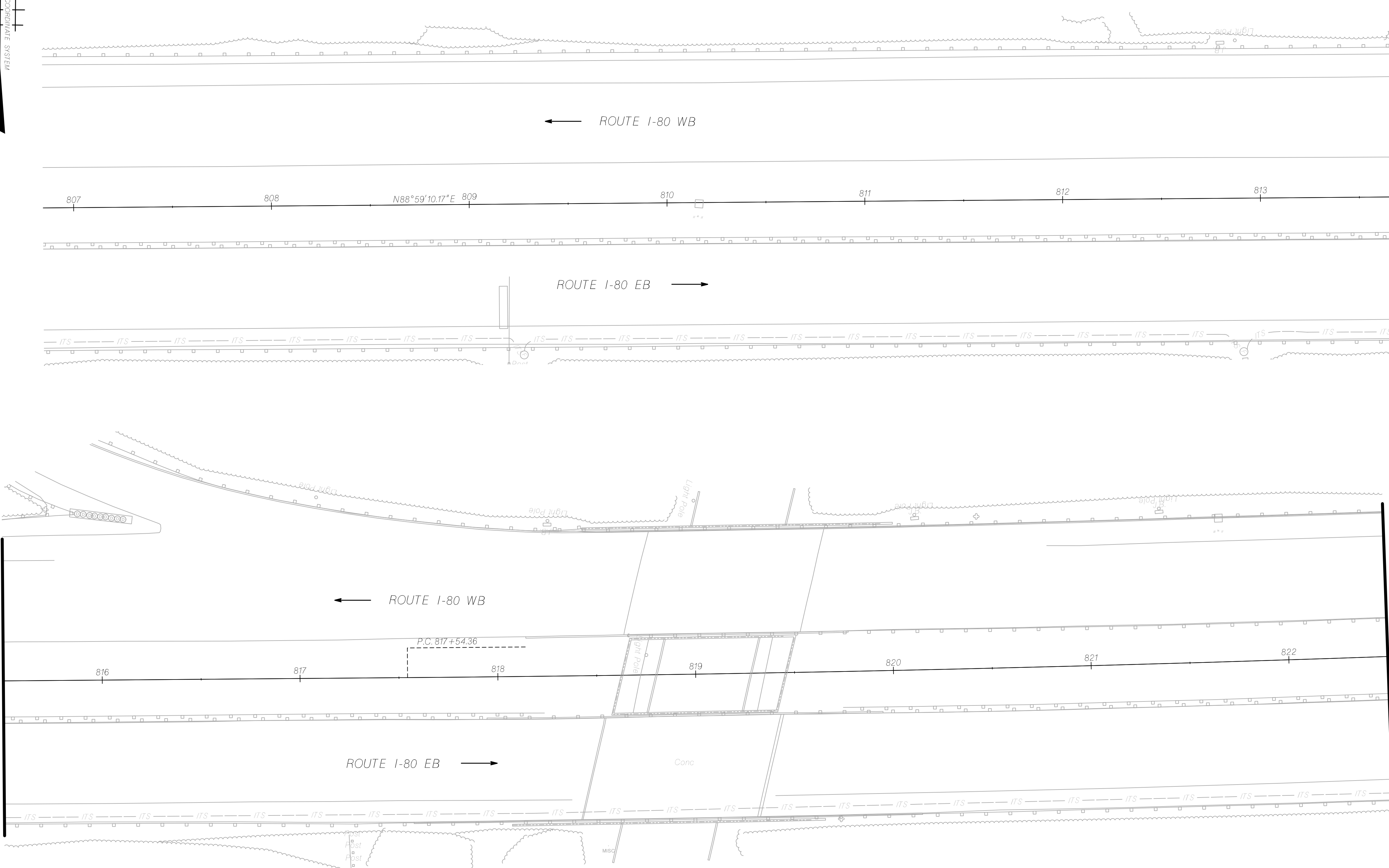
LEGEND

- OPEN WATER
TEMPORARY IMPACTS
- OPEN WATER
PERMANENT IMPACTS
- TRANSITION AREA TEMPORARY
IMPACTS
- TRANSITION AREA PERMANENT
IMPACTS
- FRESHWATER WETLAND
TEMPORARY IMPACTS
- FRESHWATER WETLAND
PERMANENT IMPACTS
- WETLAND LIMIT
(SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY
- 100-YEAR FLOOD
- INLET FILTER

SEE THIS PLAN SHEET
MATCH LINE 815+50

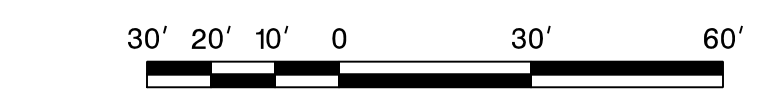
N.J. PLANE COORDINATE SYSTEM
NAD 83

N.J. PLANE COORDINATE SYSTEM
NAD 83



MATCH LINE 822+50
PLAN SHEET NO. FWW-64

MATCH LINE 815+50
SEE THIS PLAN SHEET



NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE0526700

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

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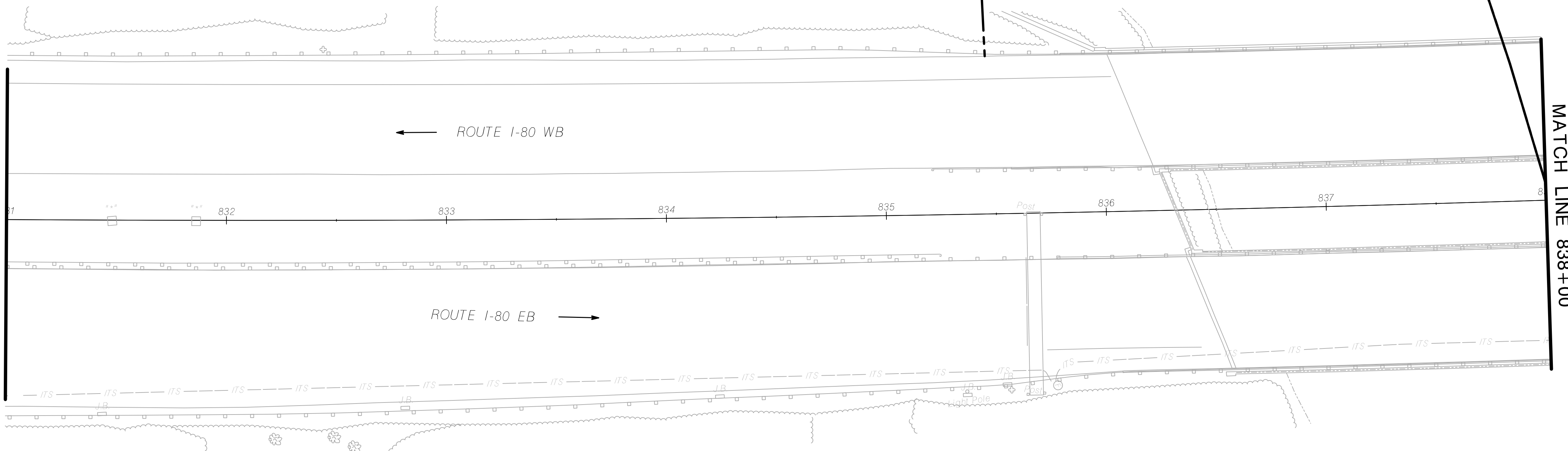
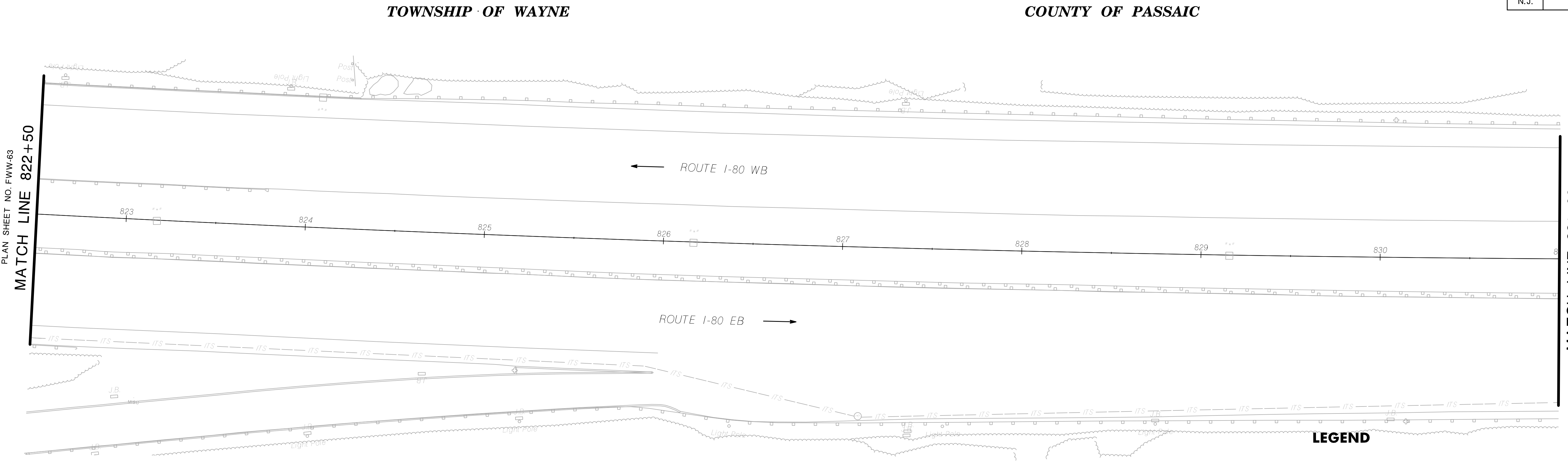
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NJDOT Design Services

\$\$\$DGN\$PEC\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)



LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD - LIMIT OF DISTURBANCE
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER

30' 20' 10' 0 30' 60'

NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

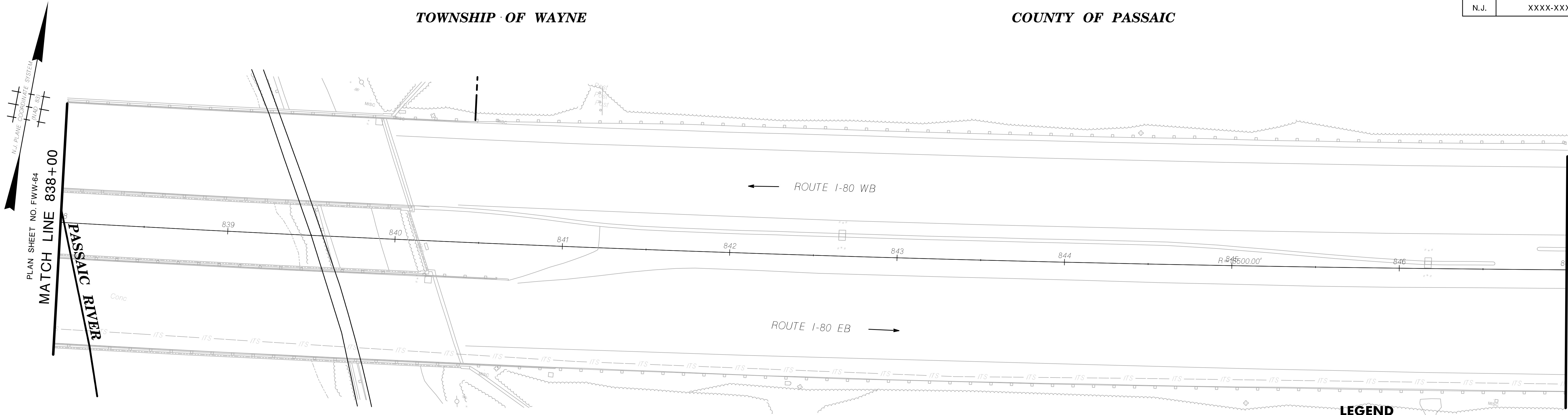
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pen table=.....pentable.....

NJDOT Design Services
\$\$\$\$\$GNSPECS\$\$\$\$\$
\$\$\$\$\$YTIME\$\$\$\$\$
\$\$\$\$\$USERNAME\$\$\$\$\$
\$\$\$\$\$PENTABLE\$\$\$\$\$

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

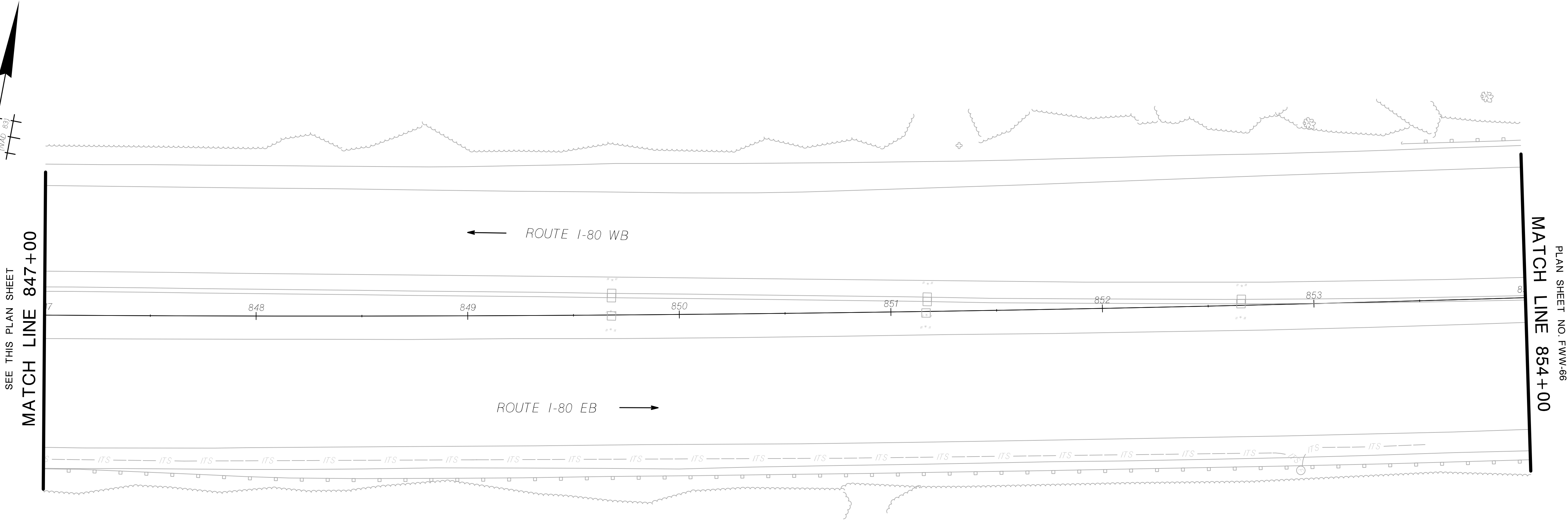


LEGEND

- TRANSITION AREA TEMPORARY IMPACTS
- TRANSITION AREA PERMANENT IMPACTS
- FRESHWATER WETLAND TEMPORARY IMPACTS
- FRESHWATER WETLAND PERMANENT IMPACTS
- WETLAND LIMIT (SENSITIVE AREA A)
- 50 FT. WETLAND TRANSITION AREA (SENSITIVE AREA B)
- 150 FT. WETLANDS TRANSITION AREA (SENSITIVE AREA C)
- RIPARIAN ZONE LIMIT (SENSITIVE AREA D)
- STREAM CENTERLINE
- FLOOD HAZARD AREA
- LOD
- TOP OF BANK
- HEAVY DUTY SILT FENCE, ORANGE
- 100-YEAR FLOODPLAIN
- INLET FILTER



FWW-65
FWW-66



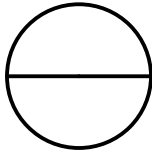
NO WETLAND IMPACTS THIS SHEET

NEW JERSEY DEPARTMENT OF TRANSPORTATION

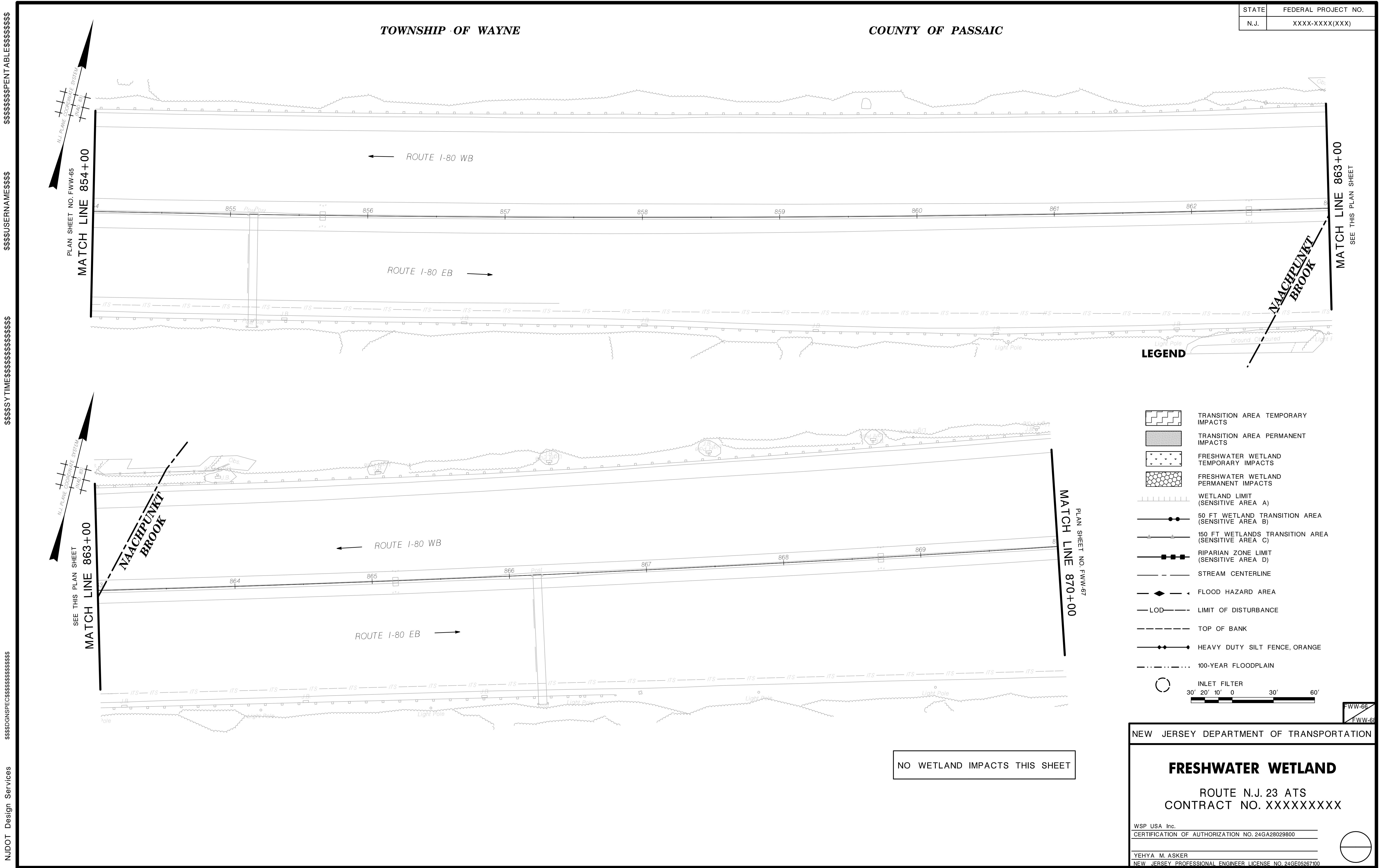
FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



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pen table=.....pentable.....
file=.....bob.....



pen table=.....pentable.....

scale=.....scale.....

ID=.....who.....date=.....time.....

file=.....bob.....

\$\$\$\$\$PENTABLE\$\$\$\$\$

\$\$\$USERNAME\$\$\$

\$\$\$SYTIME\$\$\$\$\$

\$\$\$DGN\$SPEC\$\$\$\$\$

NJDOT Design Services

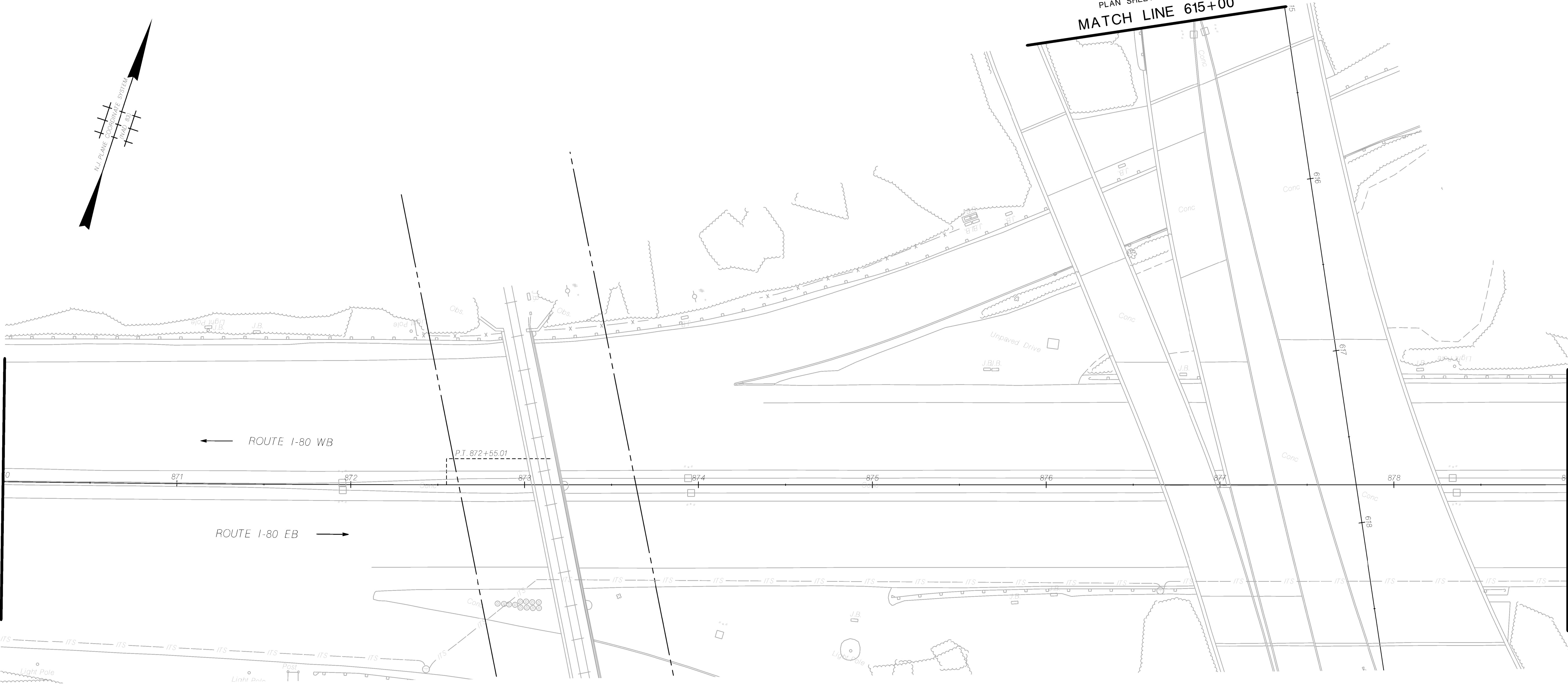
TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

PLAN SHEET NO. FWW-66

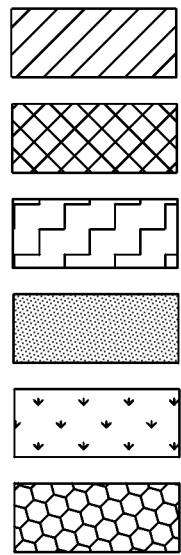
MATCH LINE 870+00



MATCH LINE 879+00

PLAN SHEET NO. FWW-68

LEGEND



OPEN WATER
TEMPORARY IMPACTS

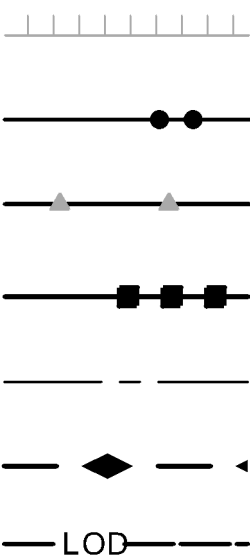
OPEN WATER
PERMANENT IMPACTS

TRANSITION AREA TEMPORARY
IMPACTS

TRANSITION AREA PERMANENT
IMPACTS

FRESHWATER WETLAND
TEMPORARY IMPACTS

FRESHWATER WETLAND
PERMANENT IMPACTS



WETLAND LIMIT
(SENSITIVE AREA A)

50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B)

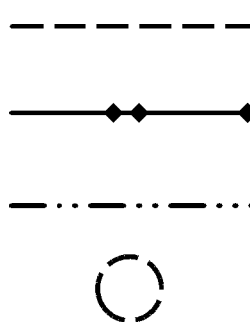
150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C)

RIPARIAN ZONE LIMIT
(SENSITIVE AREA D)

STREAM CENTERLINE

FLOOD HAZARD AREA

LOD LIMIT OF DISTURBANCE



TOP OF BANK

HEAVY DUTY SILT FENCE, ORANGE

100-YEAR FLOODPLAIN

INLET FILTER



FWW-67
FWW-68

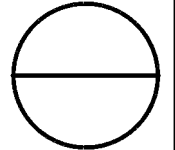
NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100



file=.....bob.....
ID=.....who.....date=.....time.....
scale=.....scale.....
pen table=.....pentable.....

NJDOT Design Services
\$\$\$\$\$DGN\$PC\$\$\$\$\$\$
\$\$\$\$\$YTIME\$\$\$\$\$
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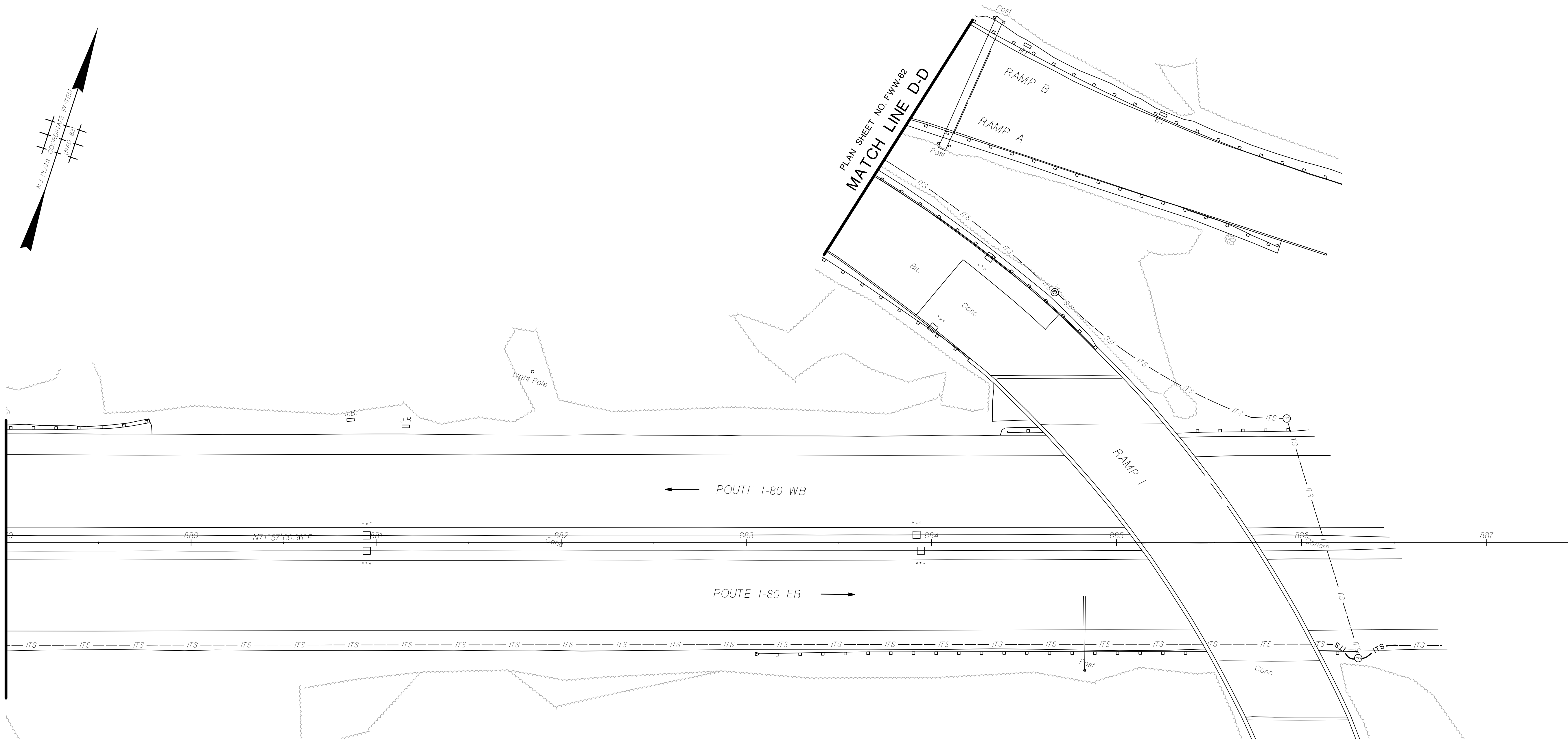
TOWNSHIP OF WAYNE

COUNTY OF PASSAIC

STATE	FEDERAL PROJECT NO.
N.J.	XXXX-XXXX(XXX)

PLAN SHEET NO. FW-67
MATCH LINE 879+00

PLAN SHEET NO. FW-68
MATCH LINE D-D



LEGEND

- | | | | | | |
|--|---|--|---|--|-----------------|
| | OPEN WATER
TEMPORARY IMPACTS | | WETLAND LIMIT
(SENSITIVE AREA A) | | TOP OF BANK |
| | OPEN WATER
PERMANENT IMPACTS | | 50 FT WETLAND TRANSITION AREA
(SENSITIVE AREA B) | | HEAVY DUTY SIL |
| | TRANSITION AREA TEMPORARY
IMPACTS | | 150 FT WETLANDS TRANSITION AREA
(SENSITIVE AREA C) | | 100-YEAR FLOODP |
| | TRANSITION AREA PERMANENT
IMPACTS | | RIPARIAN ZONE LIMIT
(SENSITIVE AREA D) | | INLET FILTER |
| | FRESHWATER WETLAND
TEMPORARY IMPACTS | | STREAM CENTERLINE | | |
| | FRESHWATER WETLAND
PERMANENT IMPACTS | | FLOOD HAZARD AREA | | |
| | | | LOD | | |
| | | | LIMIT OF DISTURBANCE | | |



FW-68
FW-68

NEW JERSEY DEPARTMENT OF TRANSPORTATION

FRESHWATER WETLAND

ROUTE N.J. 23 ATS
CONTRACT NO. XXXXXXXXX

WSP USA Inc.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
YEHYA M. ASKER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE05267100

