

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

**69A Hagood Avenue
Charleston, South Carolina 29408**

and

THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

**Office of Ocean and Coastal Resource Management
1362 McMillan Avenue, Suite 400
North Charleston, South Carolina 29405**

REGULATORY DIVISION

Refer to: SAC-2018-01655

SEPTEMBER 25, 2023

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344) and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**Town of Mount Pleasant
c/o Kally McCormick
Civil Engineering Consulting Services, Inc.
2000 Park Street, Suite 201
Columbia, South Carolina 29201**

for a permit to construct 1.3 miles of Billy Swails Boulevard in waters associated with

SIX MILE CANAL

located northeast of the intersection of Six Mile Road and Sweetgrass Basket Parkway, southwest of the intersection of Hamlin Road and Billy Swails Parkway, in the Town of Mount Pleasant, Charleston County, South Carolina (Starting Latitude: 32.8388°, Longitude: -79.8141°; Ending Latitude: 32.8487°, Longitude: -79.7959°), Fort Moultrie Quad.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

30 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

NOTE: This public notice and associated plans are available on the Corps' website at: <http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

Applicant's Stated Purpose

According to the applicant, the purpose of the proposed project is to add capacity in the north and south travel corridor formed by US Highway 17, the parallel Hungreyneck Boulevard/Sweetgrass Basket Parkway/Billy Swails Boulevard, and Rifle Range Road to accommodate increasing vehicle, pedestrian, and bicycle traffic.

Project Description

The proposed work consists of the construction of a 1.3-mile-long segment of roadway connecting Sweetgrass Parkway to Billy Swails Boulevard. The proposed roadway would have three total lanes with one vehicle lane on each side. The vehicle lanes would be 14' wide, and outside of the vehicle lanes, to the north of the proposed roadway, there would be a paved 12' wide multi-use path to accommodate bicycle and pedestrian use. Associated work includes construction of a large supplemental drainage channel to move water through the project area and into a large drainage ditch located near Rifle Range Road. The proposed project would impact 6.36 acres of wetlands, 483 linear feet of streams, and 0.79 acre of ponds. In detail, the proposed project would result in permanent fill impacts to 5.31 acres of wetlands and 0.79 acre of ponds, excavation impacts to 0.11 acre of wetlands, permanent clearing impacts to 0.33 acre of wetlands and temporary clearing impacts to 0.61 acre of wetlands. Additionally, the proposed project would result in 15 linear feet of stream impacts to facilitate the construction of the roadway, 107 linear feet of stream impacts for pipe outlet armoring, and 361 linear feet of stream impacts for piping.

Avoidance and Minimization

The applicant has stated that impacts to waters of the US are unavoidable and necessary for construction of the project. The following design strategies and measures were incorporated to minimize impacts within the project area:

- Roadway alignment: The proposed project was shifted to cross all wetlands, ponds, and streams at the narrowest point possible, while also maintaining design and safety standards
- Wetland Quality: Large blocks of contiguous wetlands located in the future Rifle Range Road Park property were avoided. The most northerly border of the

wetlands located within the Project Study Area were selected as the road alignment crossing location to help maintain the largest contiguous block of wetlands to the south of the project. Berms were added along ponds to ensure that wetlands do not drain into the pond, effectively draining the wetlands and causing impairments.

- Design: Clearing limits were reduced to the minimum necessary to maintain adequate erosion control best management practices (BMPs) and safety for the traveling public. In addition, 2:1 side slopes were utilized along wetland areas to the extent practicable. The landscaped center median was eliminated in jurisdictional areas.
- Hydrology & Hydraulics: Culverts and pipes were appropriately sized in accordance with SC Department of Transportation standards. The NPDES line has been moved as close to the roadway as possible in areas near streams and wetlands. Clearing and temporary impacts have been eliminated in many areas to reduce the construction footprint.
- Construction: During construction, the contractor will be required to implement and maintain BMPs to further minimize potential indirect impacts associated with stormwater runoff. The contractor will be required to utilize materials clean of any source of pollution. Staging of equipment and materials will be sited outside of jurisdictional areas. Only clean fill material would be used to construct the new roadway.

Proposed Compensatory Mitigation

The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchasing credits from an approved mitigation bank that services the project area. For the proposed impacts to 6.36 acres of wetlands and 0.79 acre of ponds, the applicant proposes to purchase 75.479 credits, consisting of 37.7 enhancement credits and 37.7 preservation credits. For the proposed impacts to 483 linear feet of stream, the applicant proposes to purchase 1,872.9 stream credits, consisting of 936.45 restoration credits and 936.45 preservation credits.

South Carolina Department of Health and Environmental Control

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the certifying authority, South Carolina Department of Health and Environmental Control, in accordance with provisions of Section 401 of the Clean Water Act (CWA). The CWA Section 401 Certification Rule (Certification Rule, 40 CFR 121), effective September 11, 2020, requires certification, or waiver, for any license or permit that authorizes an activity that may result in a discharge. The scope of a CWA Section 401 Certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. The applicant is responsible for requesting certification and providing required information to the certifying authority. In accordance with Certification Rule part 121.12, the Corps will notify the U.S. Environmental Protection Agency Administrator when it has received a Department of the Army (DA) permit application and the related certification. The

Administrator is responsible for determining if the discharge may affect water quality in a neighboring jurisdiction. The DA permit may not be issued pending the conclusion of the Administrator's determination of effects on neighboring jurisdictions.

The work shown on this application must also be certified as consistent with applicable provisions of the Coastal Zone Management Program (15 CFR 930). This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 7.28 acres upstream of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Endangered Species

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project and based on the location of the project and available information, the following species may be present in the County where the work will occur: American chaffseed (*Schwalbea americana*), Canby's dropwort (*Oxypolis canbyi*), Eastern black rail (*Laterallus jamaicensis*), Green sea turtle (*Chelonia mydas*), Kemp's Ridley sea turtle (*Lepidochelys kempii*), Leatherback sea turtle (*Dermochelys coriacea*), Loggerhead sea turtle (*Caretta caretta*), Piping Plover (*Charadrius melodus*), Pondberry (*Lindera melissifolia*), Red Knot (*Calidris canutus rufa*), Red-cockaded Woodpecker (*Picoides borealis*), and Northern Long-eared Bat (*Myotis septentrionalis*).

Based on all information provided by the applicant and the most recently available information, the District Engineer has determined the following:

The project will have no effect on American chaffseed (*Schwalbea americana*), Canby's dropwort (*Oxypolis canbyi*), Eastern black rail (*Laterallus jamaicensis*), Green sea turtle (*Chelonia mydas*), Kemp's Ridley sea turtle (*Lepidochelys kempii*), Leatherback sea turtle (*Dermochelys coriacea*), Loggerhead sea turtle (*Caretta caretta*), Piping Plover

(*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), and Red-cockaded Woodpecker (*Picooides borealis*) and will not result in the destruction or adverse modification of designated or proposed critical habitat.

The project is not likely to adversely affect Pondberry (*Lindera melissifolia*) and Northern Long-eared bat (*Myotis septentrionalis*) or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

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

Cultural Resources

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the “Programmatic Agreement Among The Federal Highway Administration, The U.S. Army Corps of Engineers, Charleston District, The South Carolina Department of Transportation, The South Carolina State Historic Preservation Officer, and The Advisory Council on Historic Preservation Regarding Section 106 Implementation for Federal Aid Transportation Projects in The State of South Carolina” executed on October 6, 2017 (Section 106 Programmatic Agreement), for the purpose of Section 106 compliance for all FHWA undertakings in the State of South Carolina that require Corps authorization, the Corps designated FHWA as the lead federal agency for fulfilling both FHWA and the Corps’ collective responsibilities under Section 106 of the National Historic Preservation Act. FHWA determined that historic properties are present within the review area, and these historic properties may be adversely affected by the undertaking. A draft MOA was submitted to the ACHP on October 30, 2020, and the final MOA was submitted to the ACHP on March 18, 2021. By letter dated June 22, 2020, the SCDOT provided their determination that historic properties will be adversely affected by the proposed undertaking to the SHPO. On June 29, 2022, the SHPO concurred with the SCDOT’s determination.

Corps’ Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of

the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

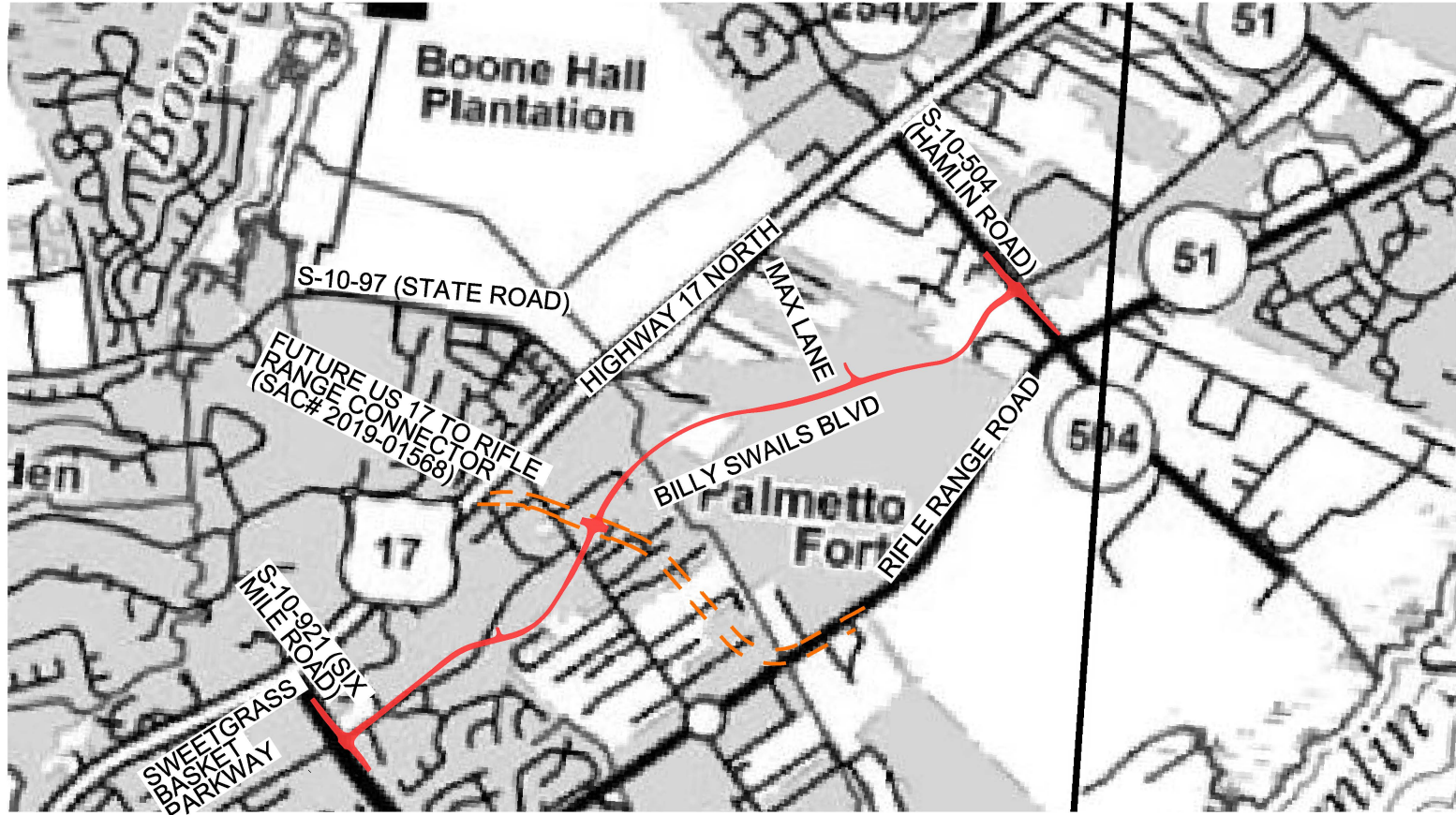
Solicitation of Public Comment

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

Please submit comments in writing, identifying the project of interest by public notice/file number (SAC-2018-01655), to Ann.W.Eaddy@usace.army.mil or the following address:

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
1949 Industrial Park Road, Room 140
Conway, South Carolina 29526**

If there are any questions concerning this public notice, please contact Ann Eaddy at (843) 365-4239 or by email at Ann.W.Eaddy@usace.army.mil.



TOTAL NON-JURISDICTIONAL IMPACT: 0.29 AC & 1,196 LF		TOTAL JURISDICTIONAL IMPACT: 7.15 AC & 483 LF (0.14 AC)	
POND PERMANENT FILL	0.24 AC (389 CY)	POND PERMANENT FILL	0.79 AC (2,432 CY)
POND PERMANENT EXCAVATION	0.05 AC (17 CY)	WETLAND TEMP CLEARING IMPACT	0.61 AC
DITCH PERMANENT FILL	1196 LF (68,625 CY)	WETLAND PERM CLEARING IMPACT	0.33 AC
		WETLAND PERMANENT FILL IMPACT	5.31 AC (35,363 CY)
		WETLAND PERMANENT EXCAVATION	0.11 AC (262 CY)
		STREAM PERM FILL	50 LF (0.002 AC)
		STREAM PERM PIPE IMPACT	361 LF (0.09 AC)
		STREAM PERM ARMORING	72 LF (0.04 AC)

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 4969 Centre Pointe Drive, Suite 200
 North Charleston, SC 29418
 Tel: 843.740.7700
 Fax: 843.740.7707
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SCALE IN FEET



0 500 1500

LEGEND

- - - FUTURE US 17 TO RIFLE RANGE CONNECTOR
- PROPOSED PAVEMENT

APPLICATION BY:

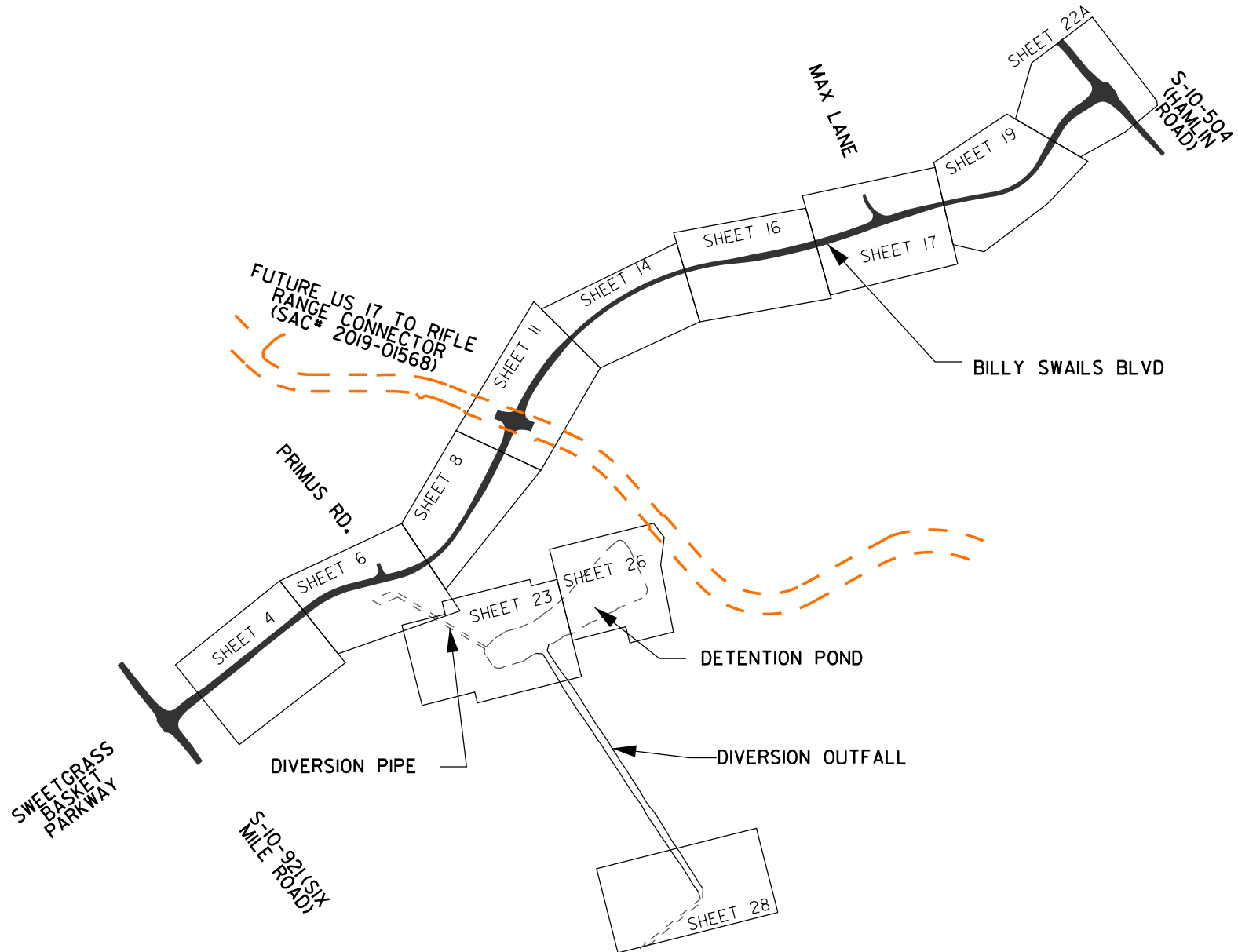
TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 VICINITY MAP

SCALE: 1" = 1500'

PERMIT PLANS NOT FOR CONSTRUCTION

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	2



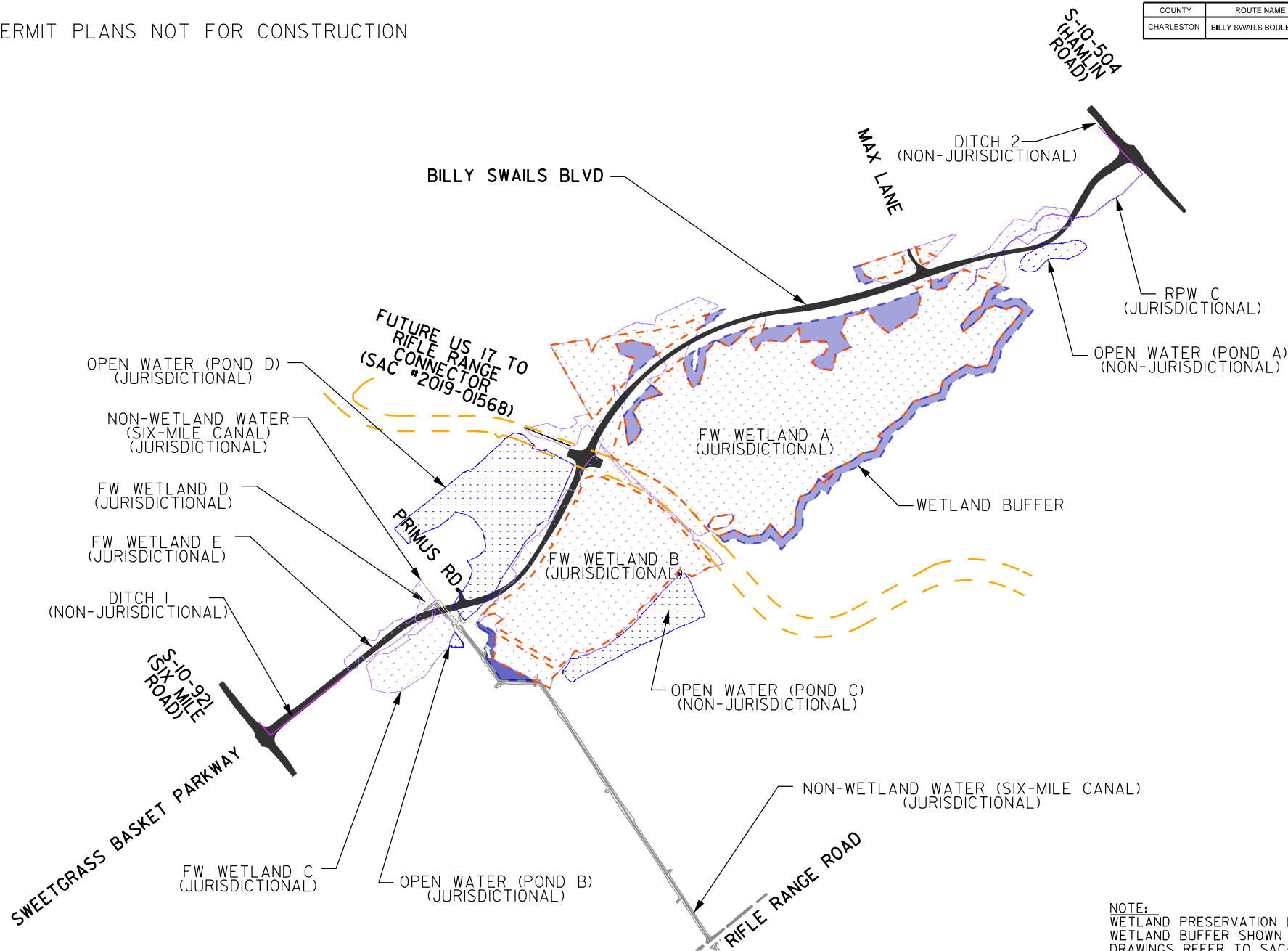
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APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 PLAN SHEET LAYOUT INDEX
 SCALE: 1" = 900'

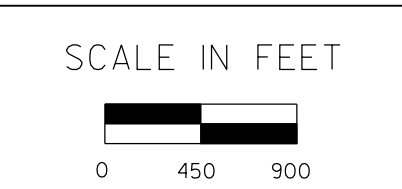
PERMIT PLANS NOT FOR CONSTRUCTION

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	3



NOTE:
WETLAND PRESERVATION LINE AND
WETLAND BUFFER SHOWN ON THESE
DRAWINGS REFER TO SAC-2019-01568.

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LEGEND

PROPOSED PAVEMENT	WETLAND PRESERVATION BOUNDARY
FW WETLANDS	WETLAND BUFFER
OPEN WATER (POND)	
FUTURE US 17 TO RIFLE RANGE CONNECTOR	

APPLICATION BY:
TOWN OF MOUNT PLEASANT

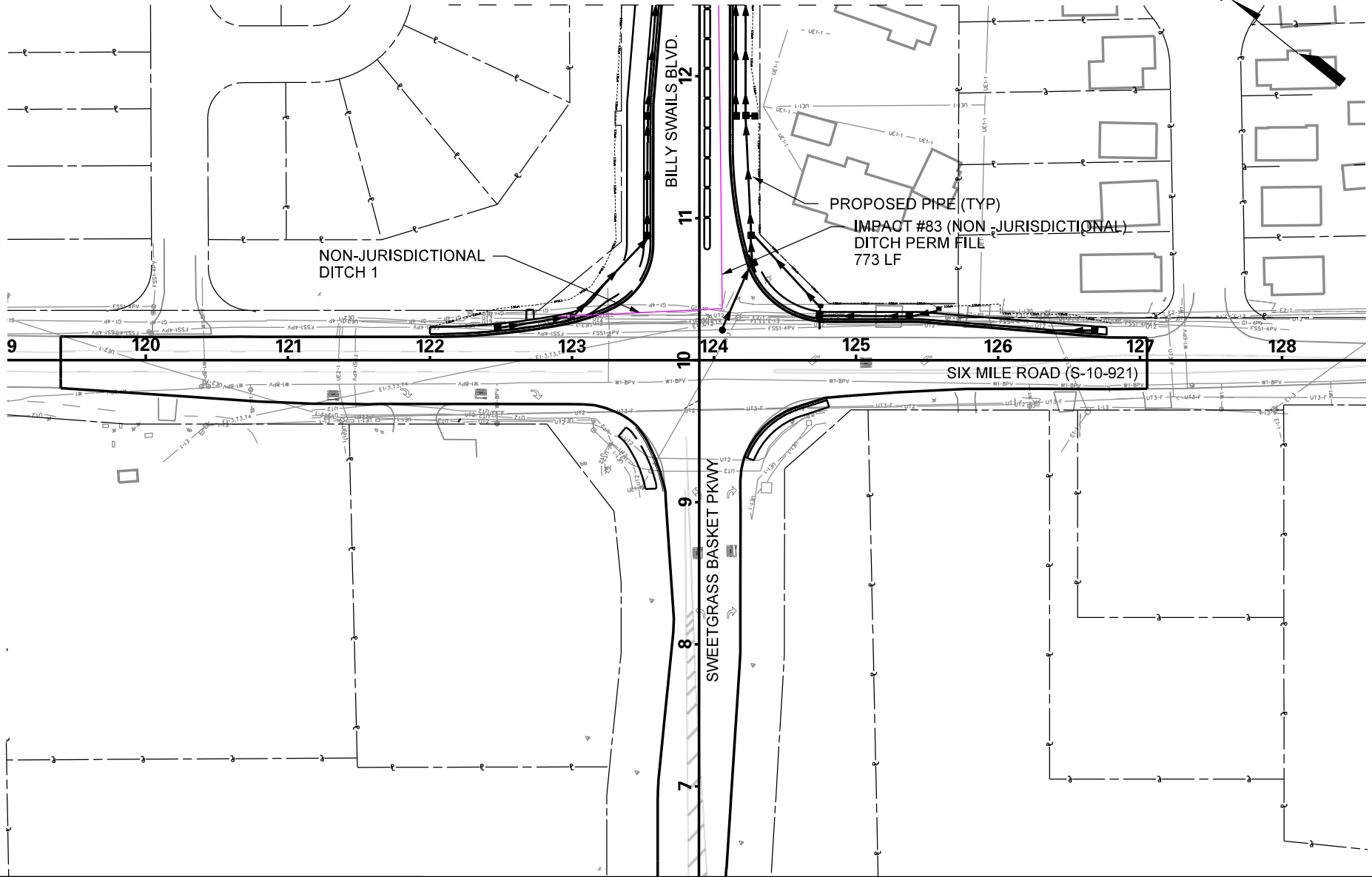
CHARLESTON COUNTY
BILLY SWAILS BOULEVARD
WETLAND LOCATION INDEX

SCALE: 1" = 900'

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	3A

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MATCHLINE
STA. 12+50 SEE SHEET 3



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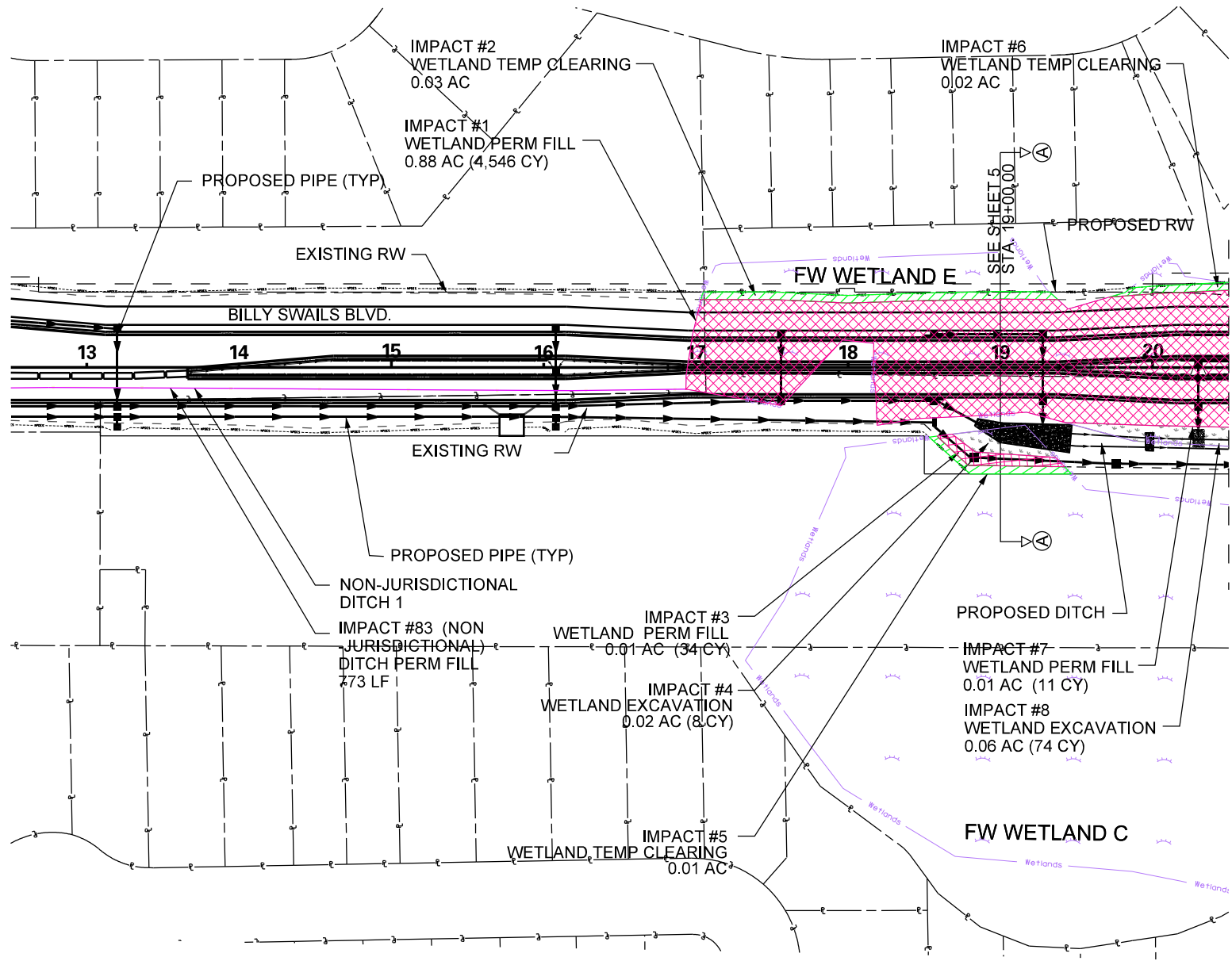
LEGEND

- | | | |
|---|---|---|
|  WETLAND PRESERVATION LINE |  DELINEATION NOT INCLUDED IN IMPACTS |  WETLAND BUFFER |
|  PROPOSED R/W |  FW WETLANDS |  WETLAND EXCAVATION/DREDGING |
|  STREAM IMPACT |  OPEN WATER (POND) |  WETLAND TEMPORARY CLEARING |
|  LIMITS OF CONSTRUCTION |  WETLAND PERMANENT FILL IMPACT |  WETLAND PERMANENT CLEARING |
|  SILT FENCE LINE |  POND PERMANENT FILL IMPACT |  RIP RAP (PERMANENT FILL) |
| |  POND EXCAVATION IMPACT | |

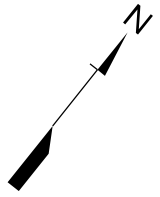
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS
 SCALE: 1" = 100'

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	4

PERMIT PLANS NOT FOR CONSTRUCTION



MATCHLINE
STA. 20+50 SEE SHEET 6



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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	PROPOSED PIPE (TYP)		POND PERMANENT FILL IMPACT
	NON-JURISDICTIONAL DITCH 1		POND EXCAVATION IMPACT
	DITCH IMPACT		WETLAND BUFFER
	SILT FENCE LINE		WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS
 SCALE: 1" = 100'

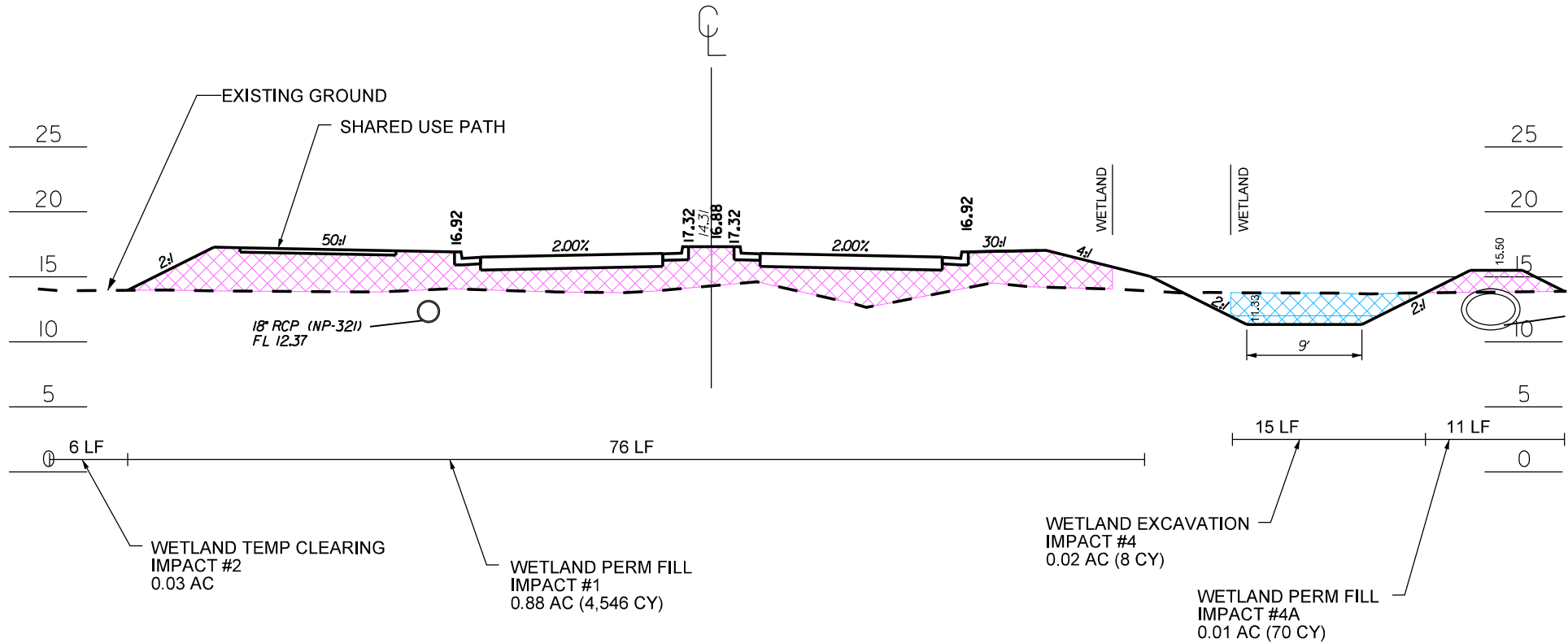
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 19+00.00

SECTION A

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	5



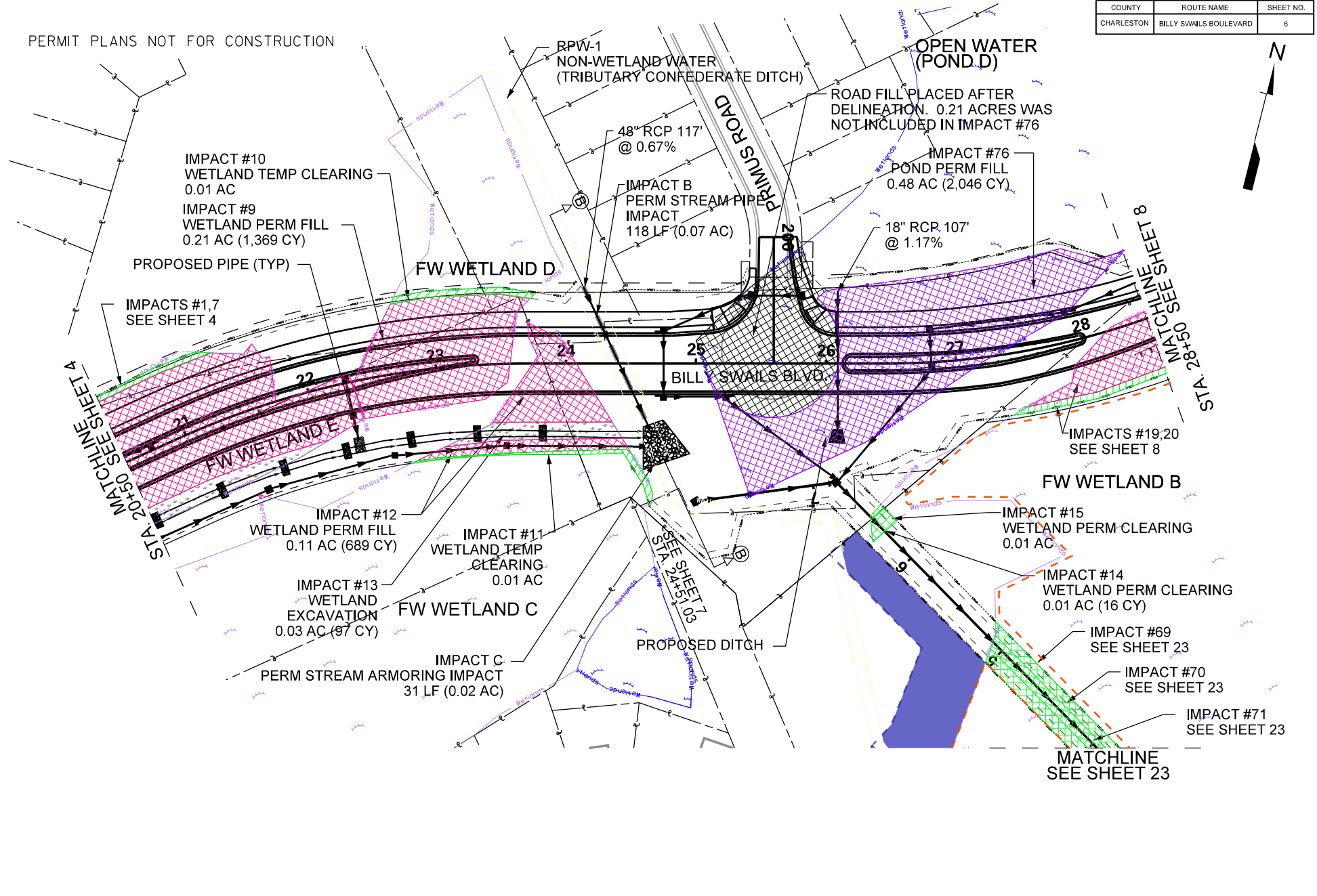
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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	6

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
			WETLAND BUFFER
			WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT

 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

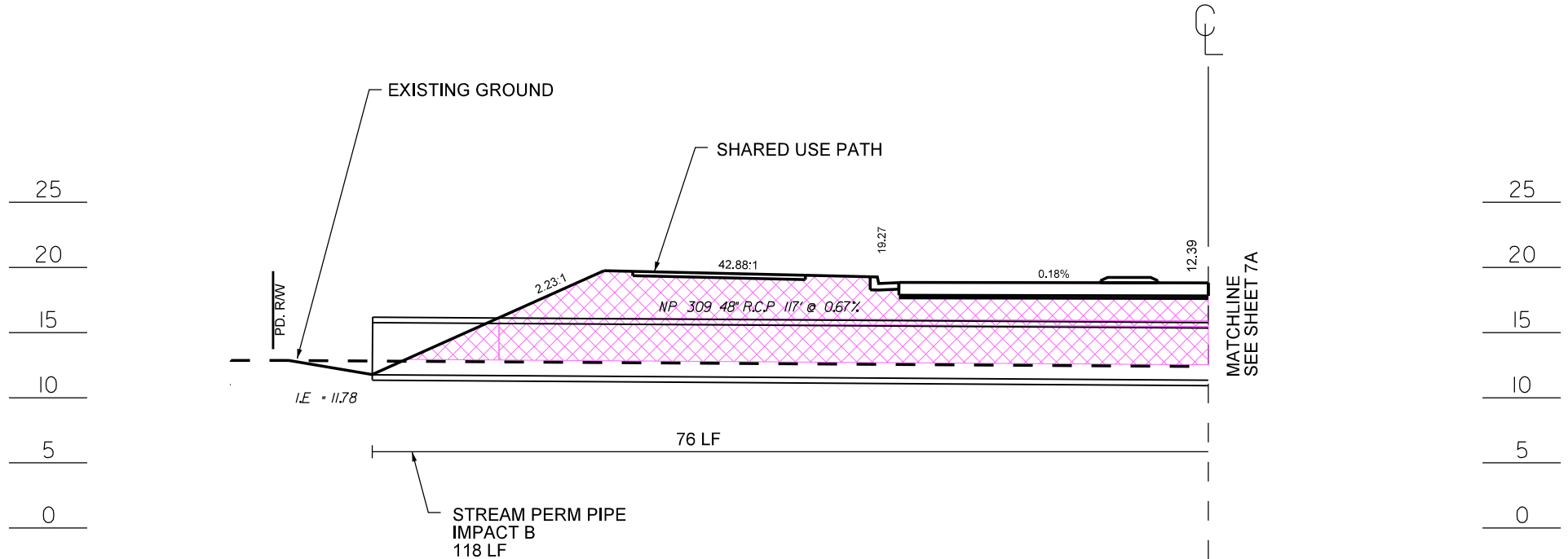
 SCALE: 1" = 100'

BILLY SWAILS BOULEVARD

STATION 24+41.07

SECTION B

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	7



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

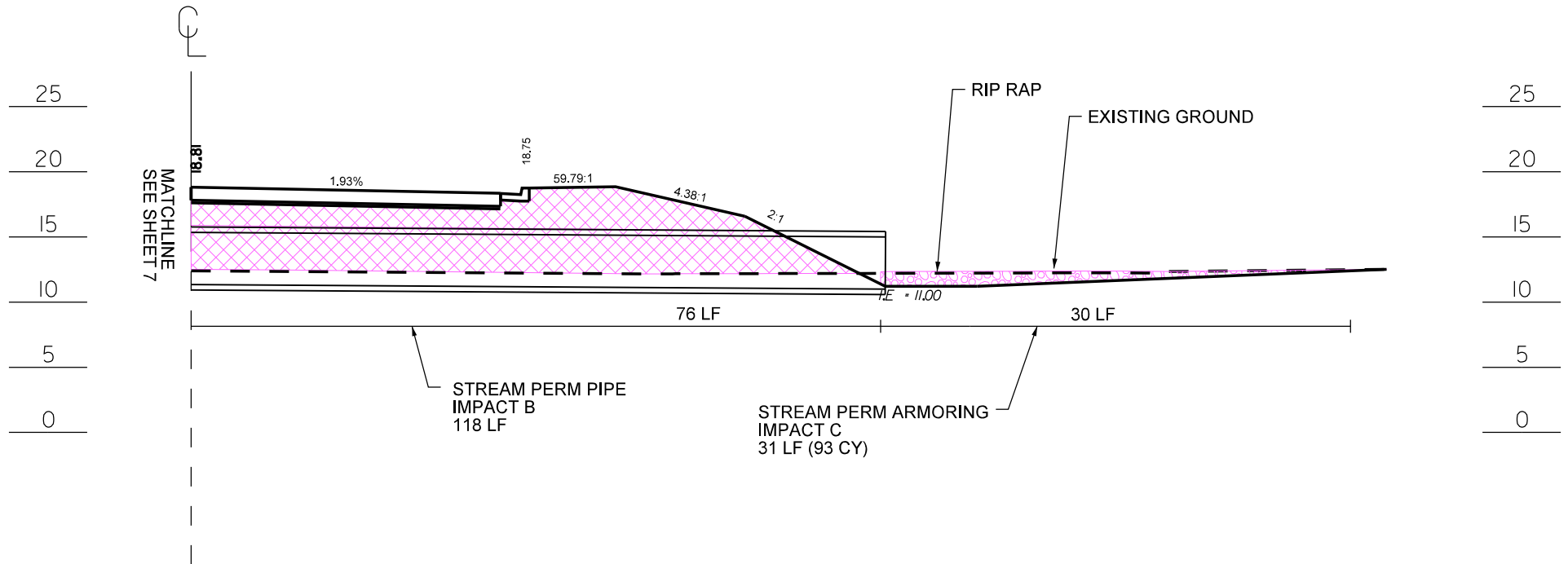
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 24+51.03

SECTION B

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	7A



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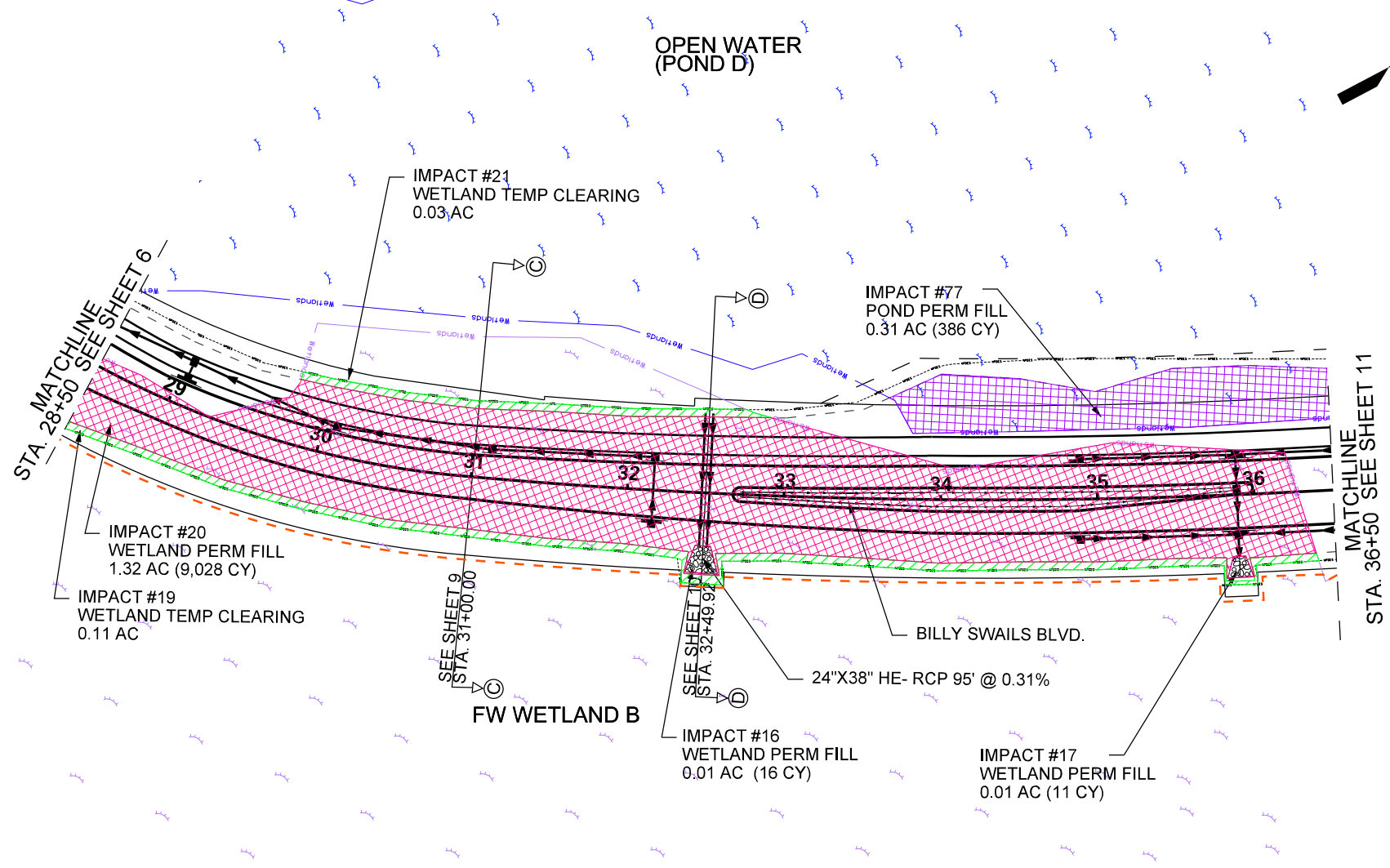
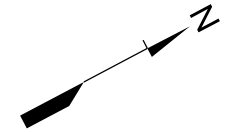
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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	8

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND			
	WETLAND PRESERVATION LINE		WETLAND BUFFER
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
	WETLAND EXCAVATION/DREDGING		
	WETLAND TEMPORARY CLEARING		
	WETLAND PERMANENT CLEARING		

APPLICATION BY:
 TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

SCALE: 1" = 100'

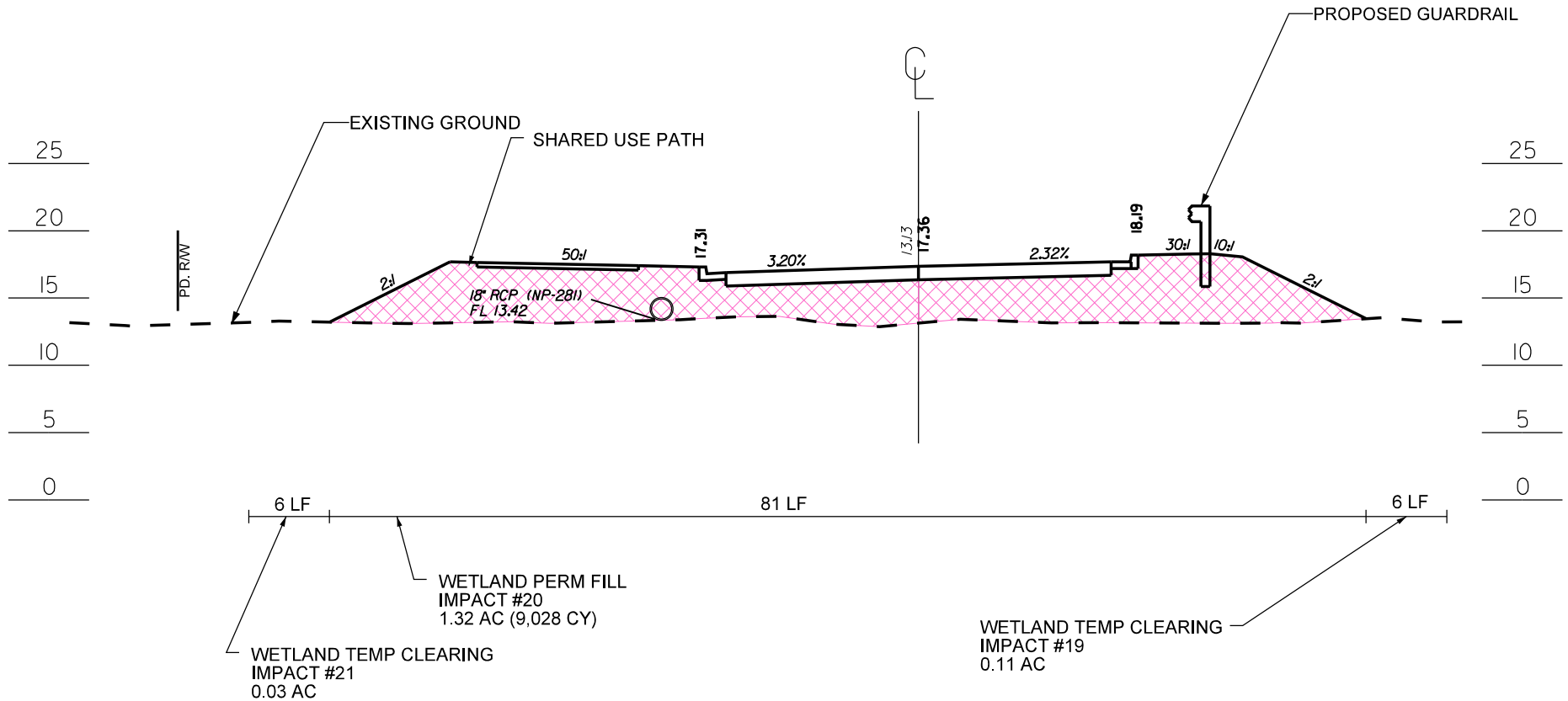
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 31+00.00

SECTION C

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	9



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

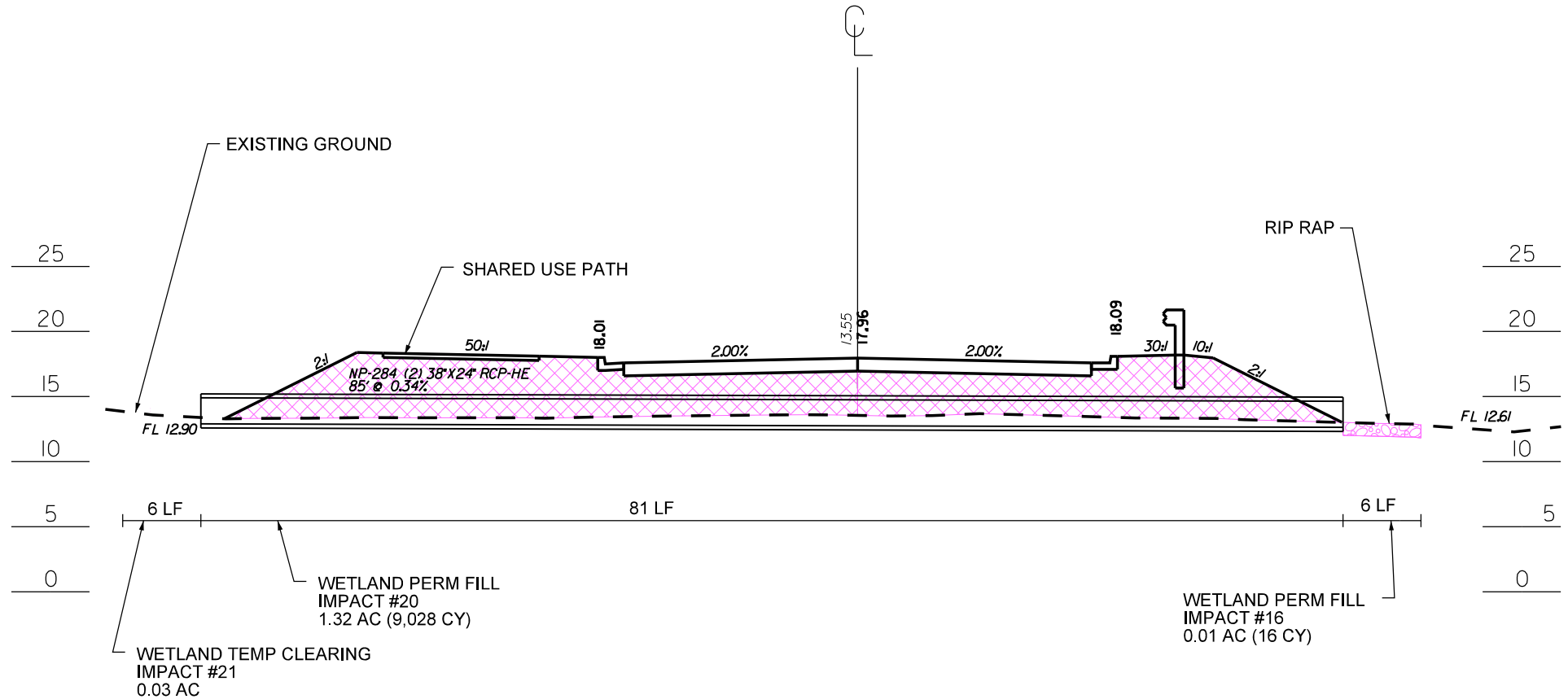
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 32+50.00

SECTION D

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	10



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LEGEND

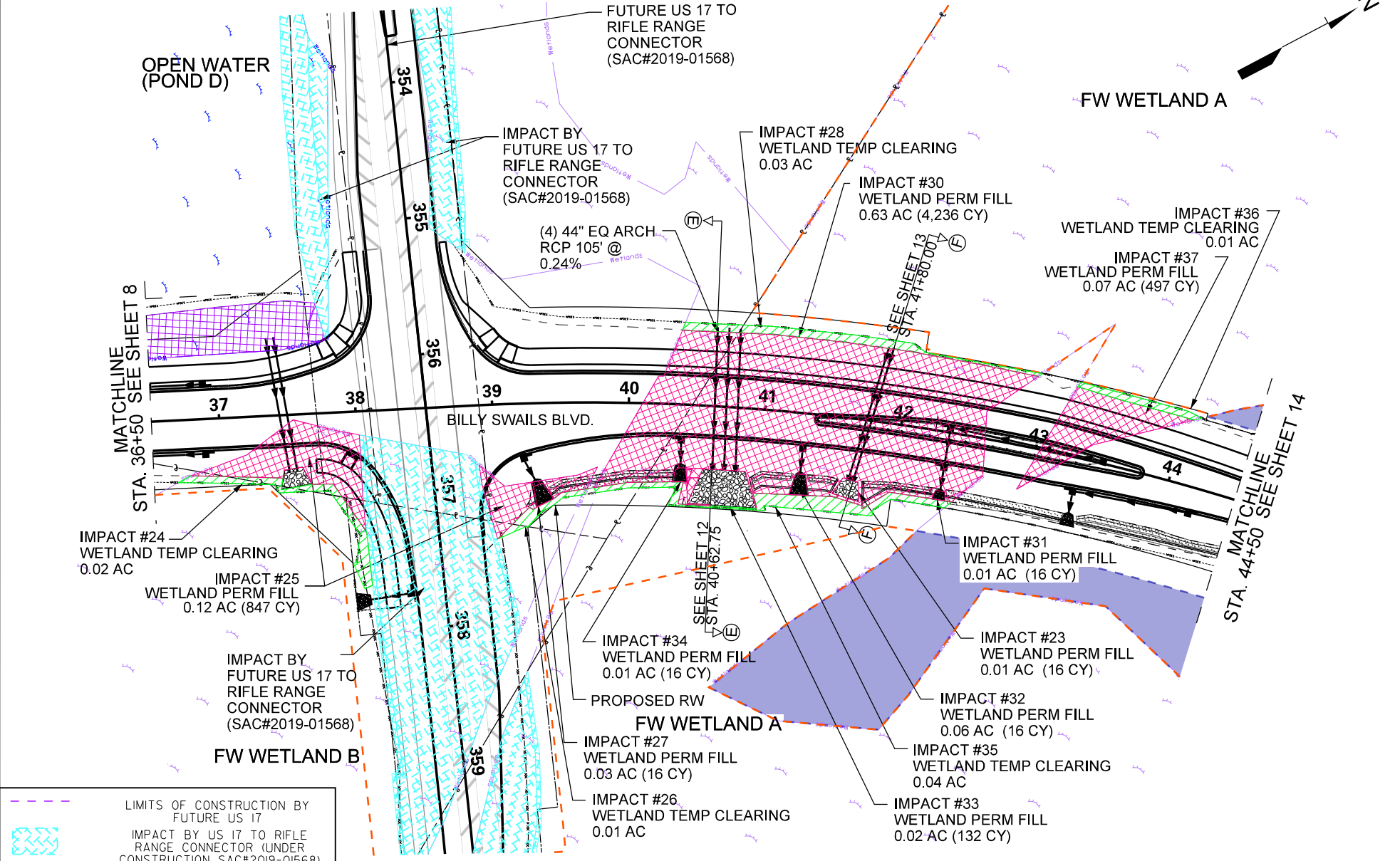
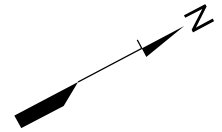
- PERMANENT WETLAND FILL IMPACT
- PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW

SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	11

PERMIT PLANS NOT FOR CONSTRUCTION



--- LIMITS OF CONSTRUCTION BY FUTURE US 17

--- IMPACT BY US 17 TO RIFLE RANGE CONNECTOR (UNDER CONSTRUCTION SAC#2019-01568)

PREPARED BY:

Stantec

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4969 Centre Pointe Drive, Suite 200
North Charleston, SC 29418
Tel: 843.740.7700
Fax: 843.740.7707
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LEGEND	
--- WETLAND PRESERVATION LINE	--- DELINEATION NOT INCLUDED IN IMPACTS
--- PROPOSED R/W	--- FW WETLANDS
--- STREAM IMPACT	--- OPEN WATER (POND)
--- LIMITS OF CONSTRUCTION	--- WETLAND PERMANENT FILL IMPACT
--- DITCH IMPACT	--- POND PERMANENT FILL IMPACT
--- SILT FENCE LINE	--- POND EXCAVATION IMPACT
--- WETLAND BUFFER	--- WETLAND EXCAVATION/DREDGING
--- WETLAND TEMPORARY CLEARING	--- WETLAND PERMANENT CLEARING
--- RIP RAP (PERMANENT FILL)	

APPLICATION BY:
TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
BILLY SWAILS BOULEVARD
WETLAND PERMIT SHEETS

SCALE: 1" = 100'

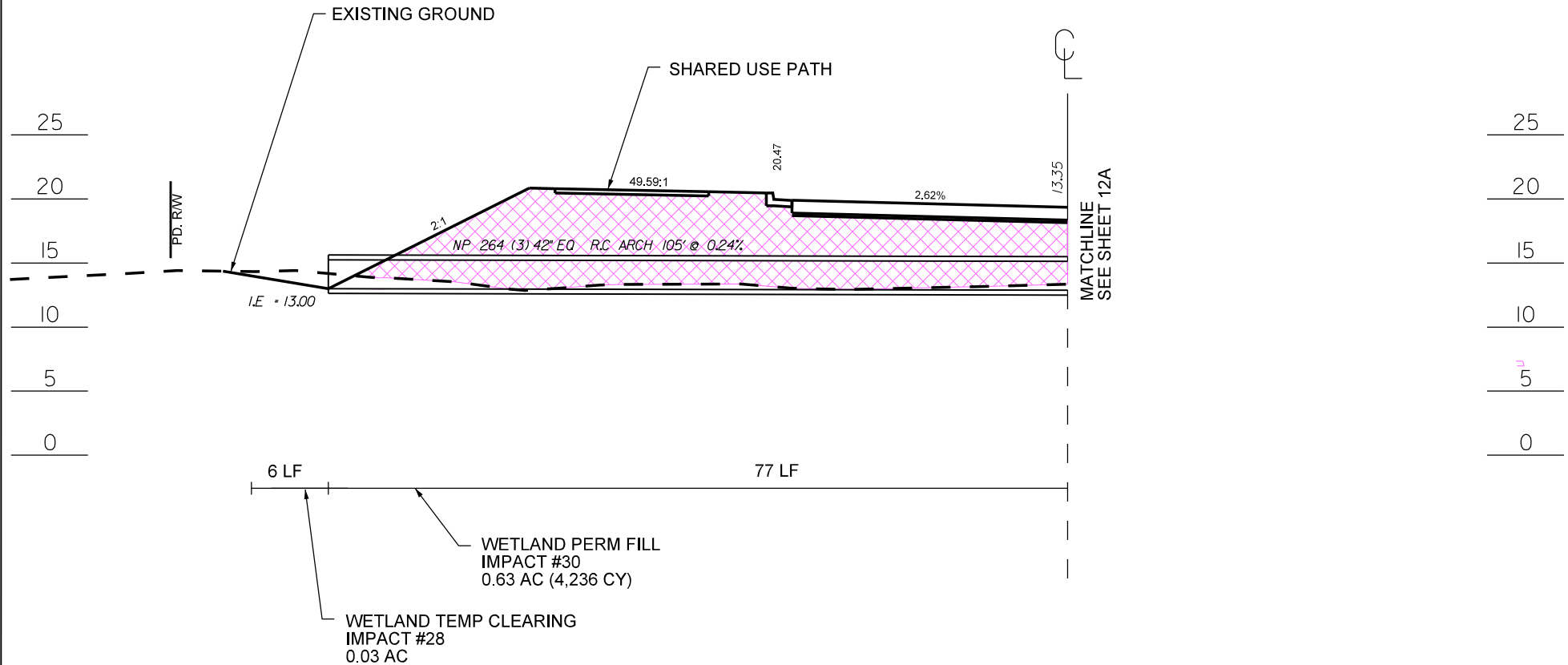
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 40+62.75

SECTION E

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	12



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LEGEND

-  PERMANENT WETLAND FILL IMPACT
-  PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW

SCALE: N.T.S.

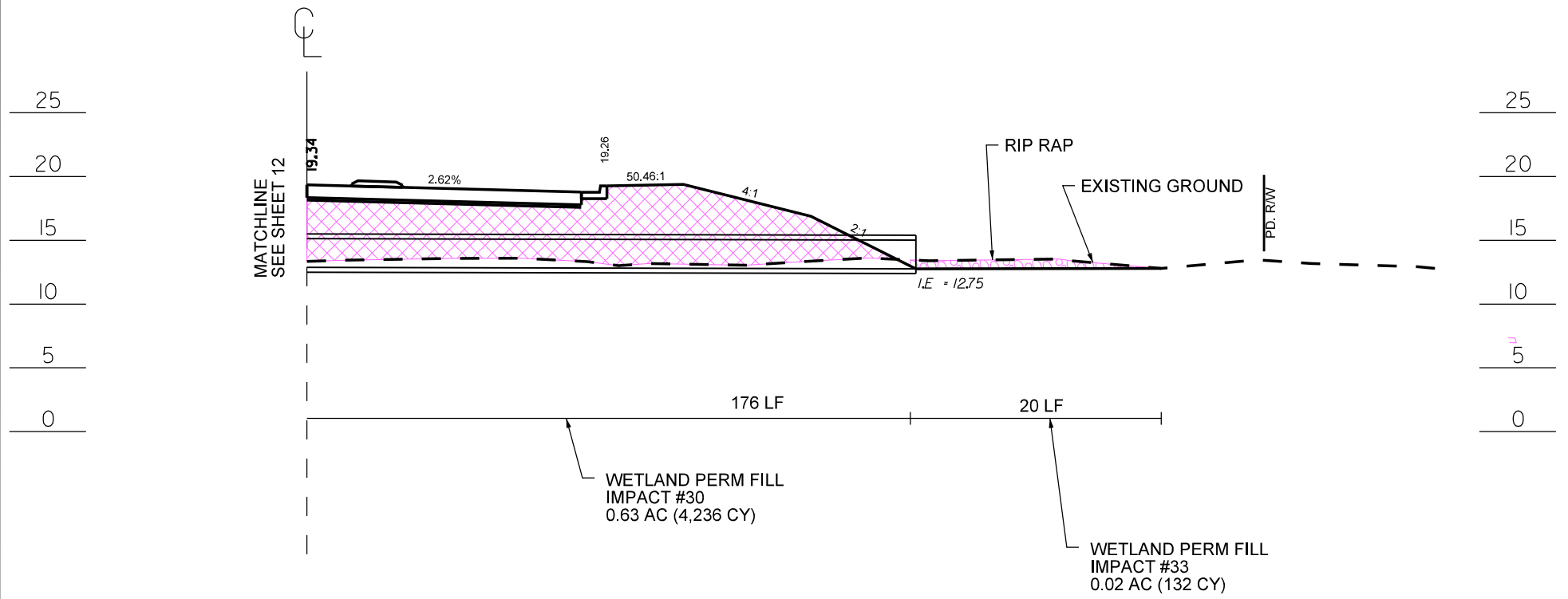
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 40+62.75


SECTION E

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	12A



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

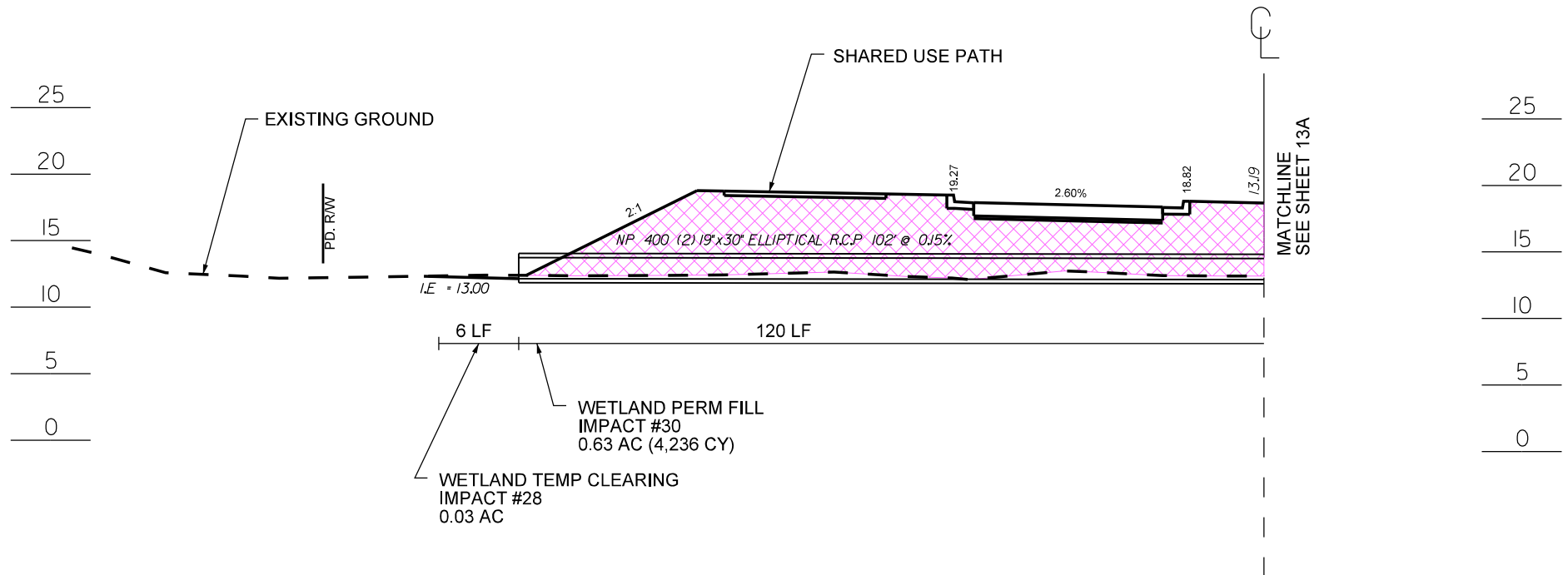
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD



STATION 41+78.39

SECTION F

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	13



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

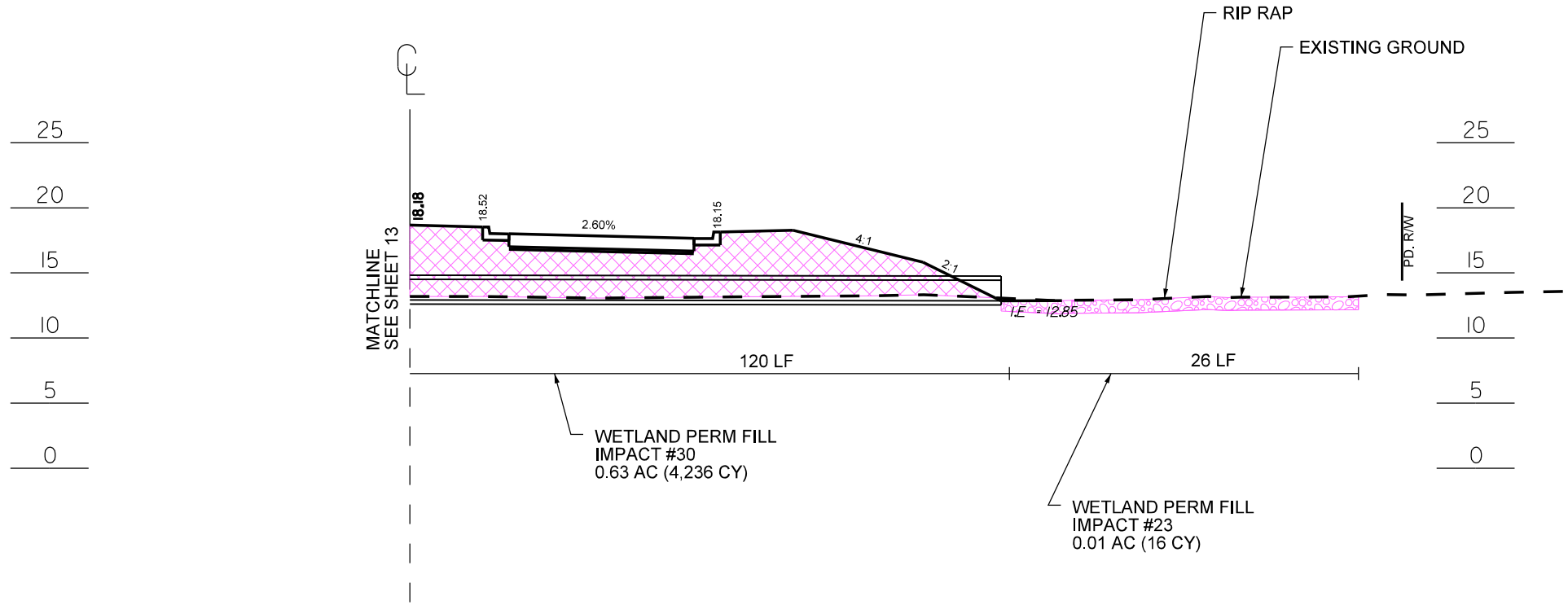
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD


STATION 41+78.39

SECTION F

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	13A



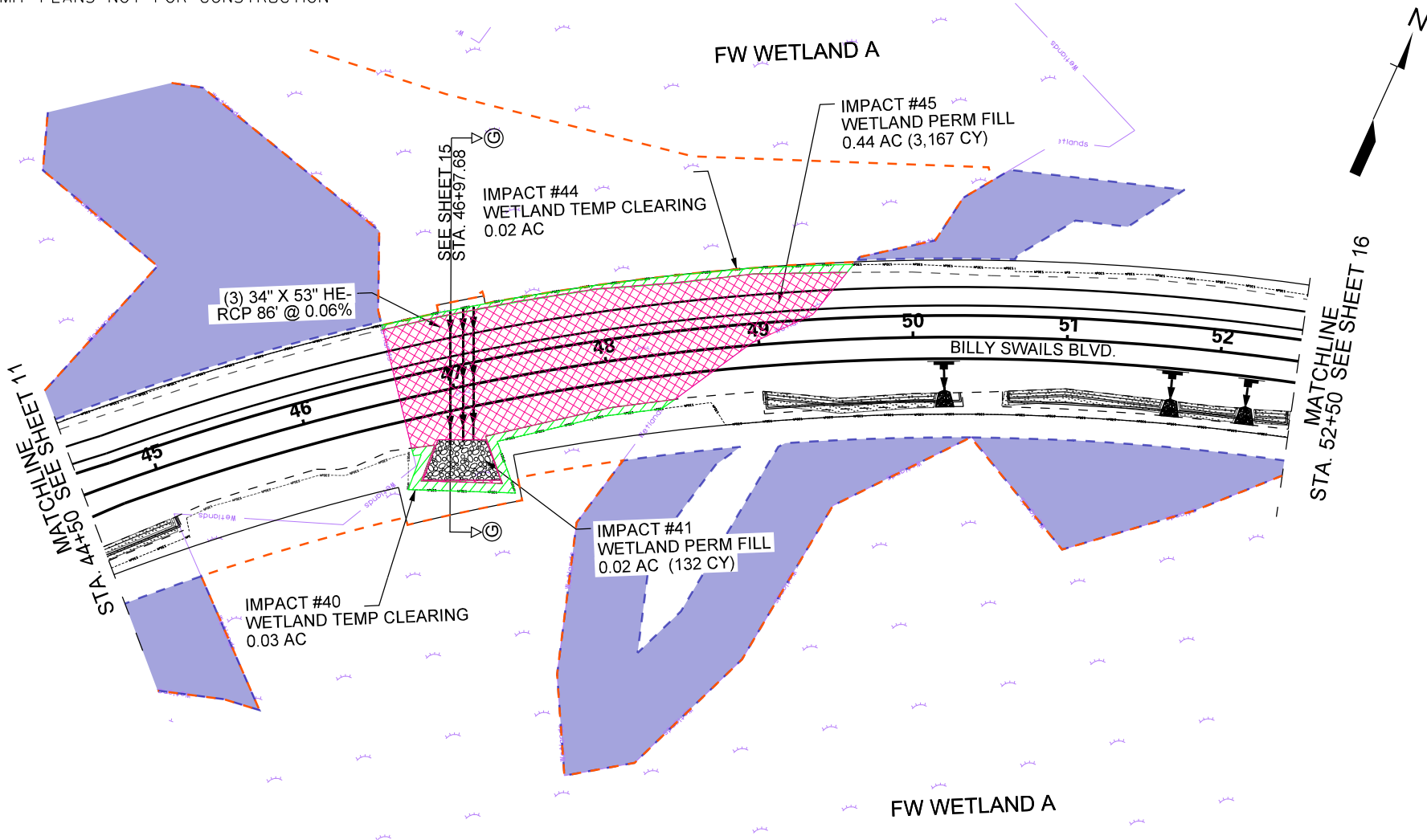
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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	14

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND			
WETLAND PRESERVATION LINE	DELINEATION NOT INCLUDED IN IMPACTS	WETLAND BUFFER	WETLAND EXCAVATION/DREDGING
PROPOSED R/W	FW WETLANDS	OPEN WATER (POND)	WETLAND TEMPORARY CLEARING
STREAM IMPACT	WETLAND PERMANENT FILL IMPACT	POND PERMANENT FILL IMPACT	WETLAND PERMANENT CLEARING
LIMITS OF CONSTRUCTION	POND EXCAVATION IMPACT	RIP RAP (PERMANENT FILL)	
DITCH IMPACT			
SILT FENCE LINE			

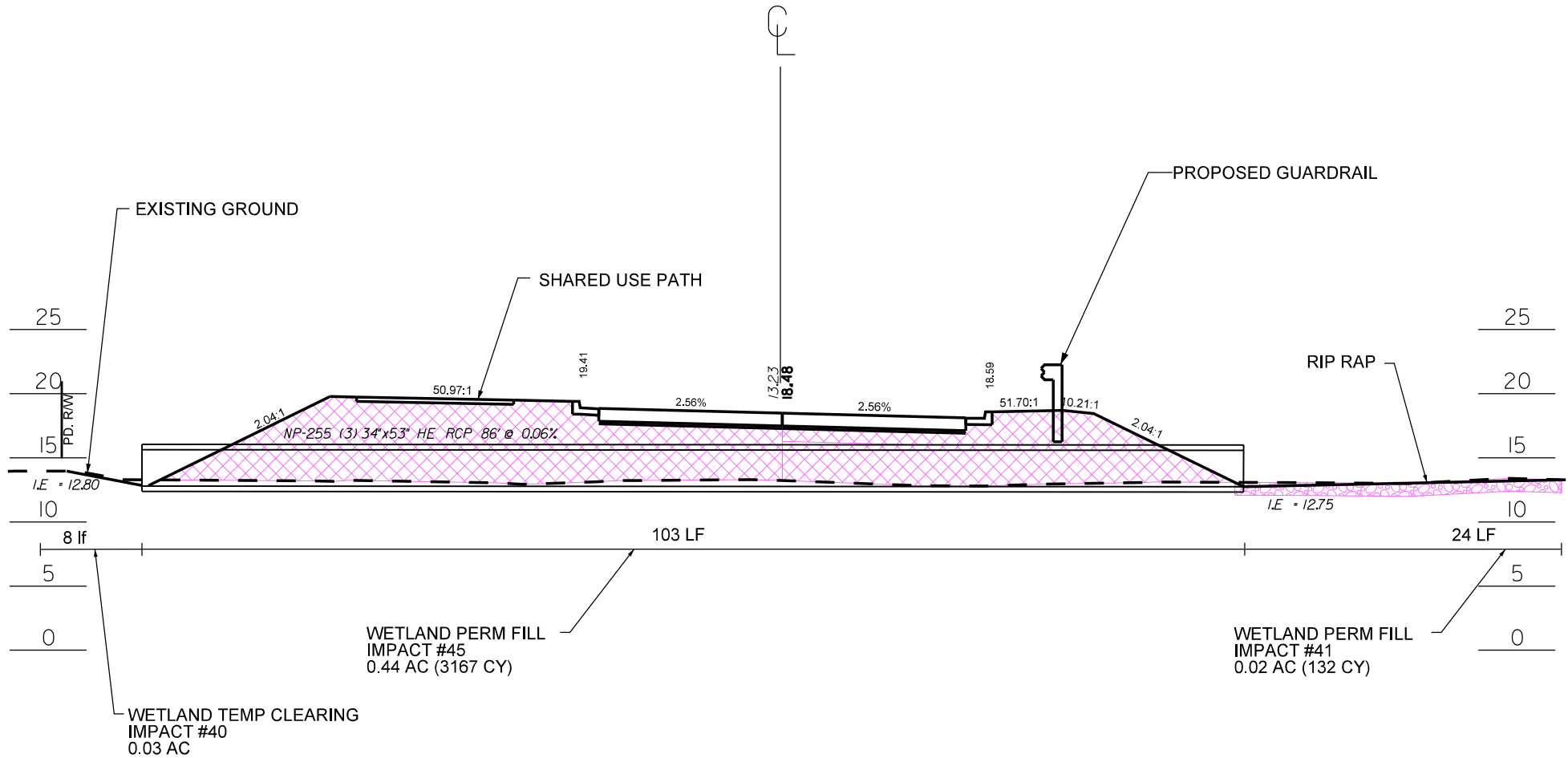
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS
 SCALE: 1" = 100'

BILLY SWAILS BOULEVARD

STATION 46+97.68

SECTION G

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	15



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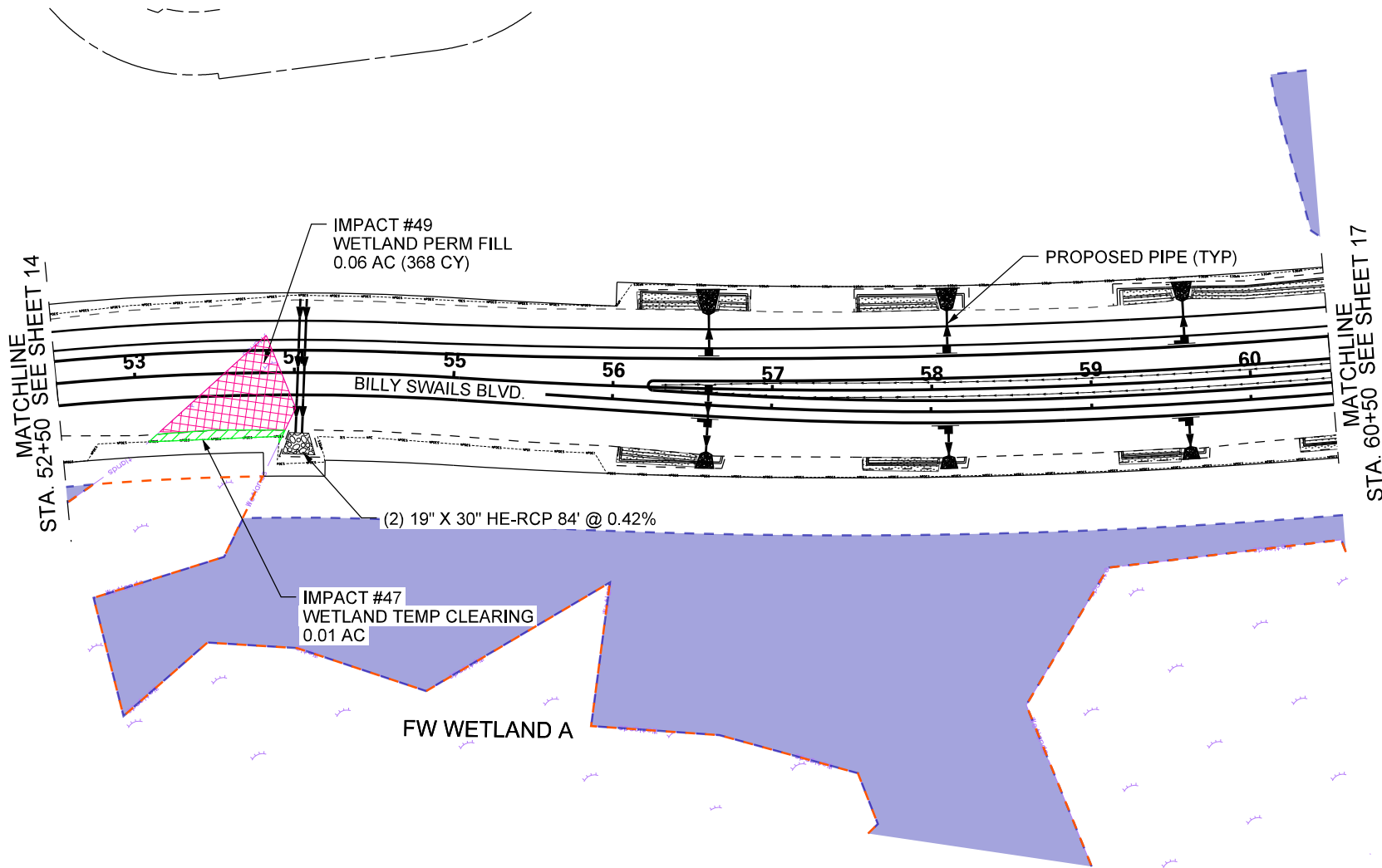
LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW

SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	16

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND		
	WETLAND PRESERVATION LINE	
	PROPOSED R/W	
	STREAM IMPACT	
	LIMITS OF CONSTRUCTION	
	WETLAND PERMANENT FILL IMPACT	
	POND PERMANENT FILL IMPACT	
	SILT FENCE LINE	
	DELINITION NOT INCLUDED IN IMPACTS	
	FW WETLANDS	
	OPEN WATER (POND)	
	WETLAND EXCAVATION/DREDGING	
	WETLAND TEMPORARY CLEARING	
	WETLAND PERMANENT CLEARING	
	RIP RAP (PERMANENT FILL)	

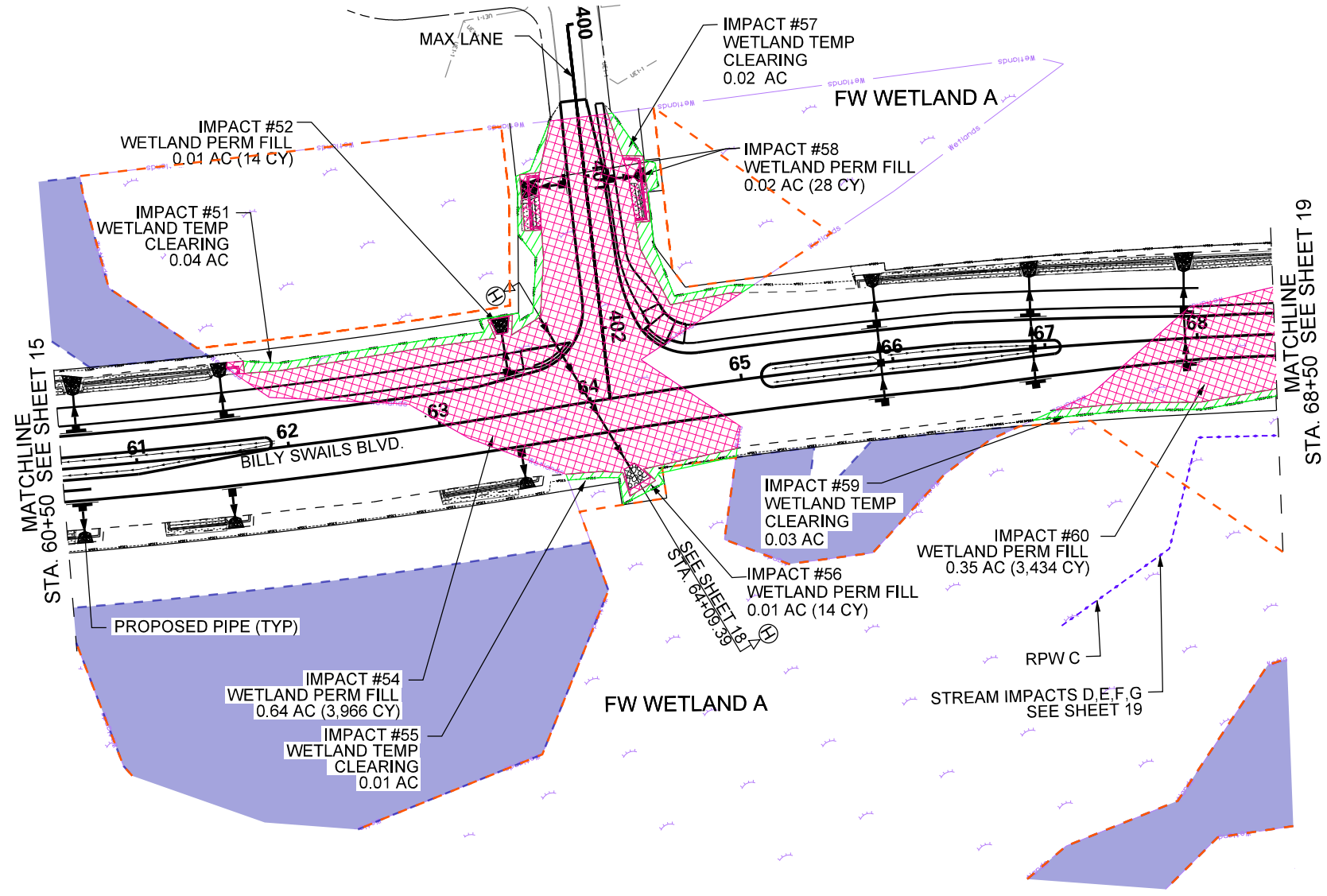
APPLICATION BY:
 TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

SCALE: 1" = 100'

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	17

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
			WETLAND BUFFER
			WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

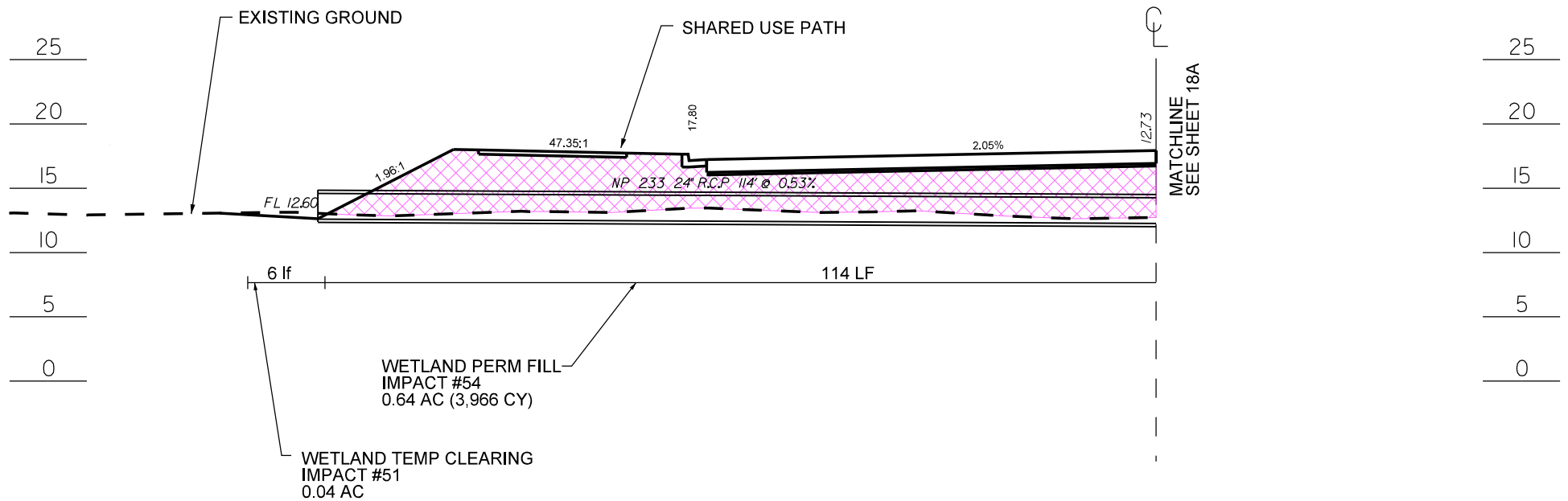
SCALE: 1" = 100'

BILLY SWAILS BOULEVARD

STATION 63+99.78


SECTION H

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	18



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

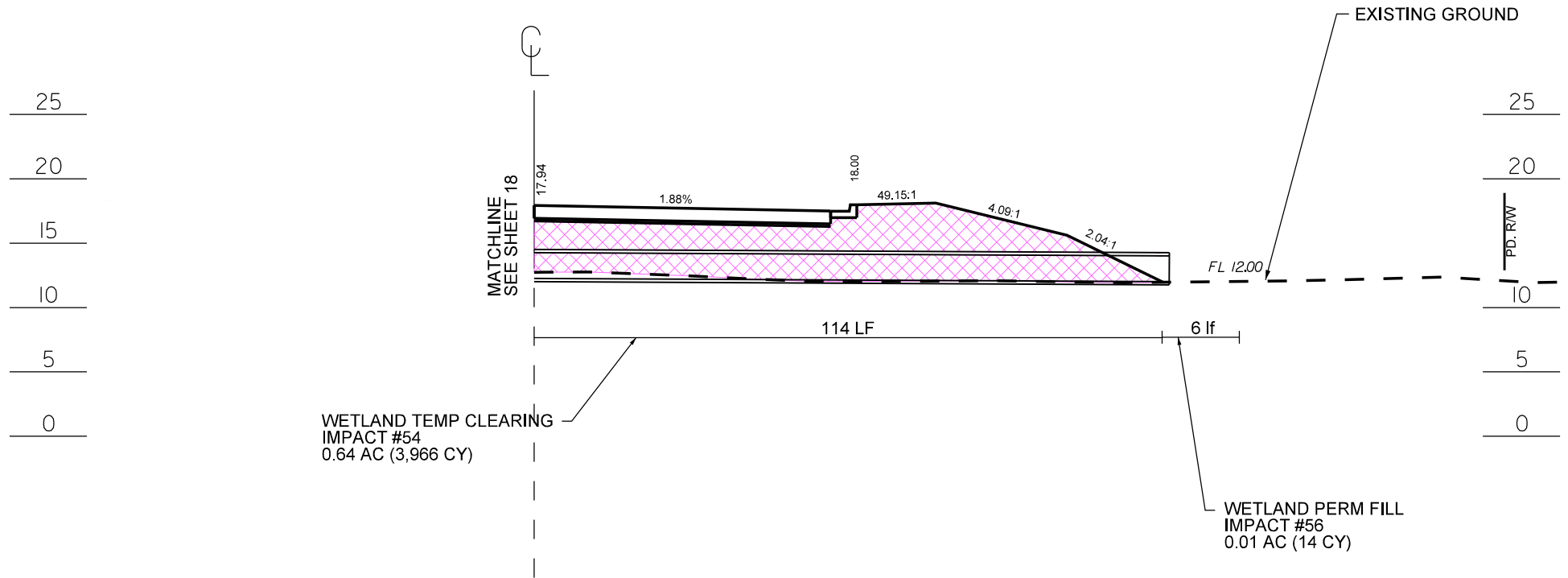
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 64+09.39

SECTION H

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	18A



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LEGEND

- PERMANENT WETLAND FILL IMPACT
- PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:

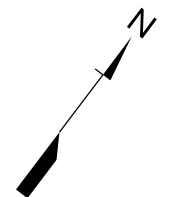
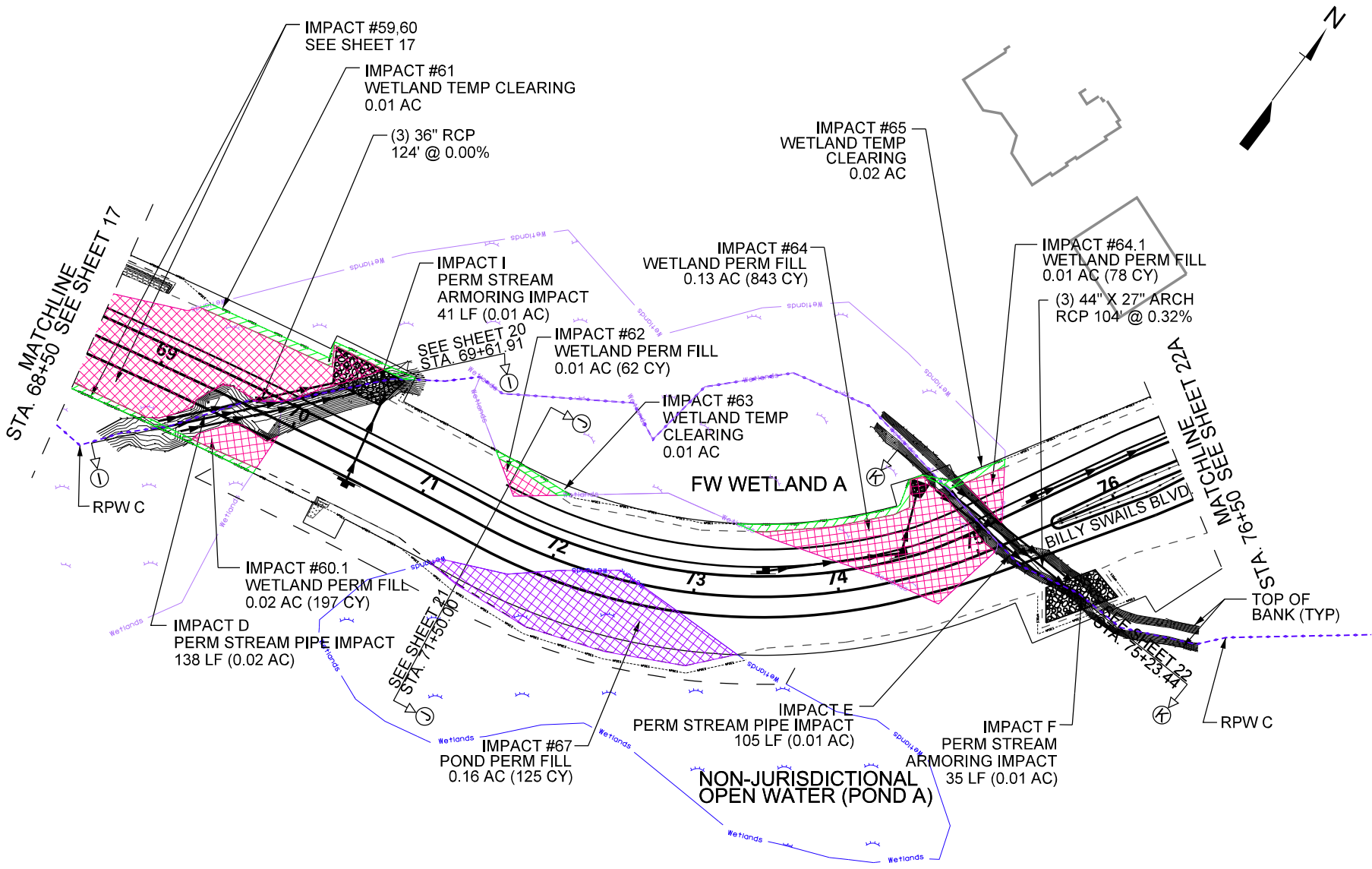
TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
BILLY SWAILS BOULEVARD
WETLAND PERMIT DRAWINGS
CROSS-SECTION VIEW

SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	19

PERMIT PLANS NOT FOR CONSTRUCTION



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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
			WETLAND BUFFER
			WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT

 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

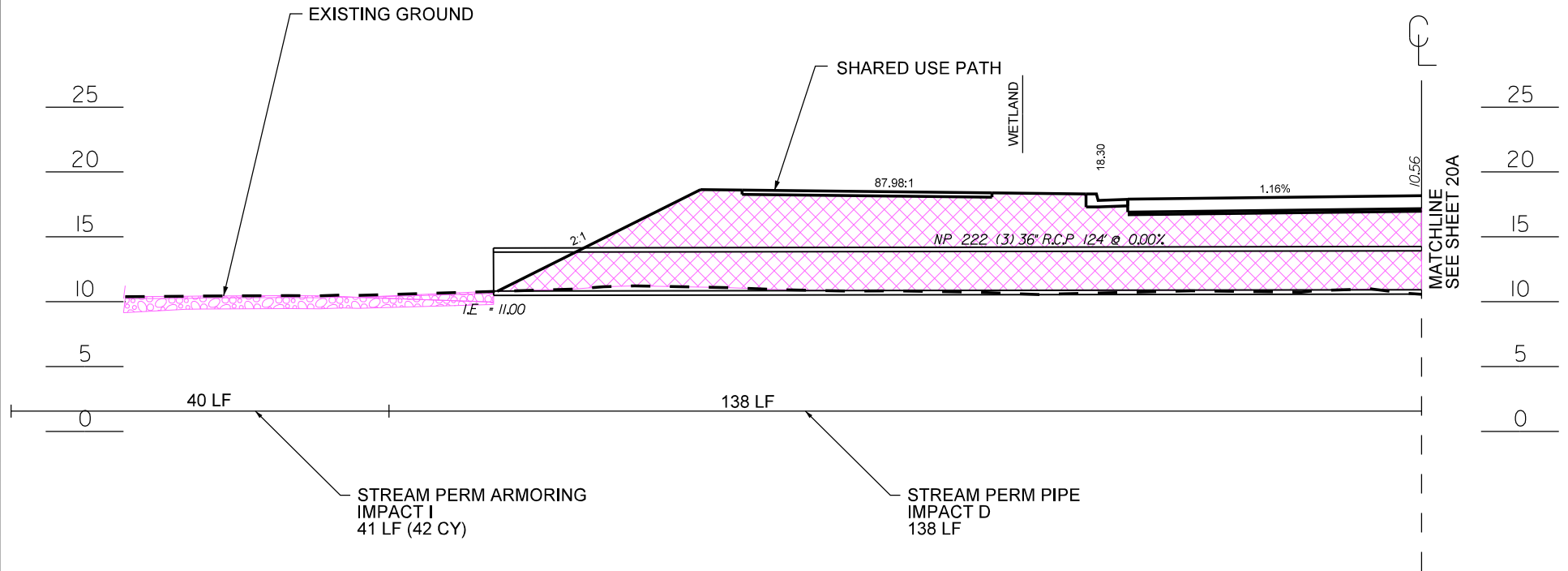
 SCALE: 1" = 100'

BILLY SWAILS BOULEVARD

STATION 69+61.91

SECTION I

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	20



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LEGEND

-  PERMANENT WETLAND FILL IMPACT
-  PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:

TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
BILLY SWAILS BOULEVARD
WETLAND PERMIT DRAWINGS
CROSS-SECTION VIEW

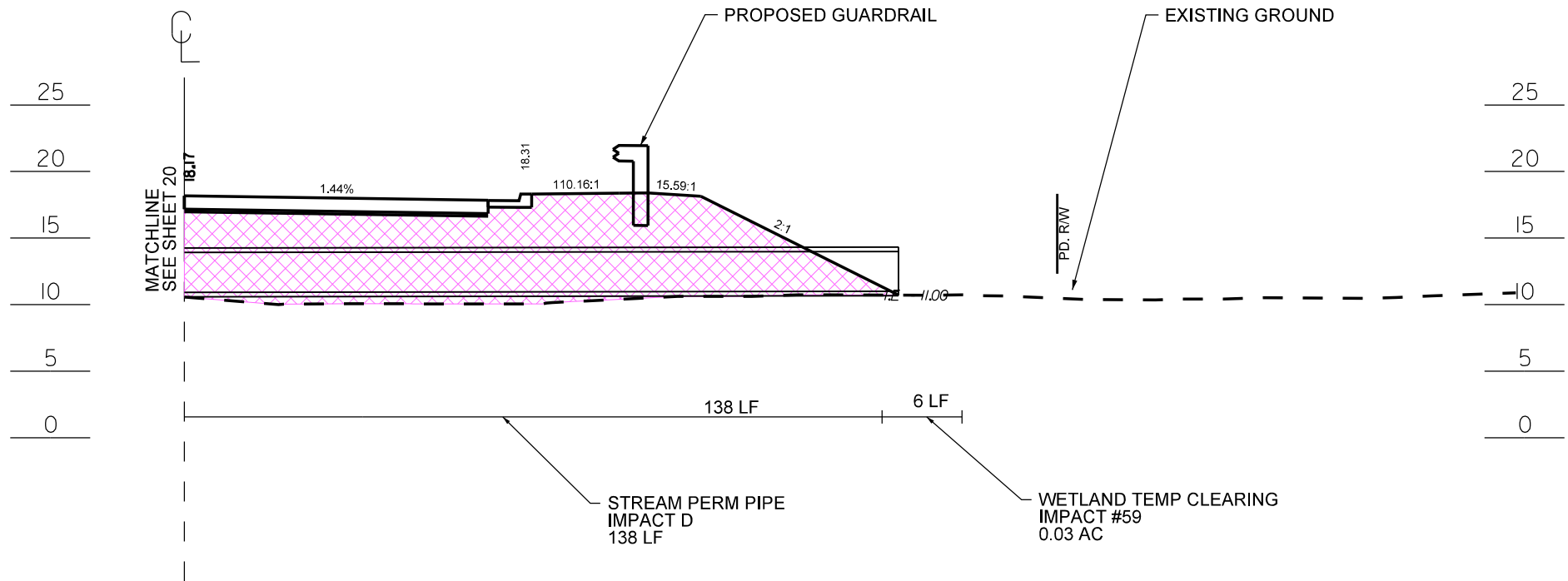
SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 69+61.91

SECTION I

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	20A



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LEGEND

- PERMANENT WETLAND FILL IMPACT
- PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:

TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW

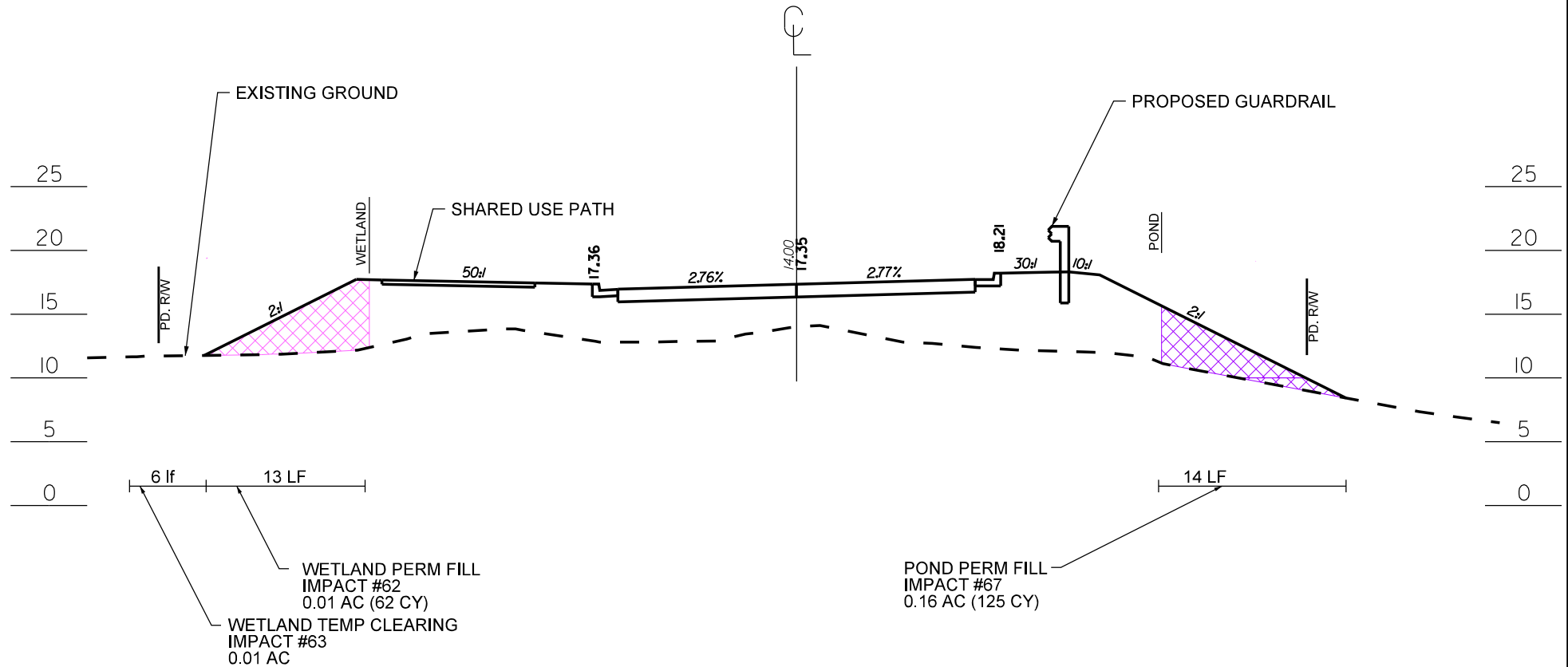
SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 71+50.00

SECTION J

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	21



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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT
	PERMANENT POND FILL IMPACT

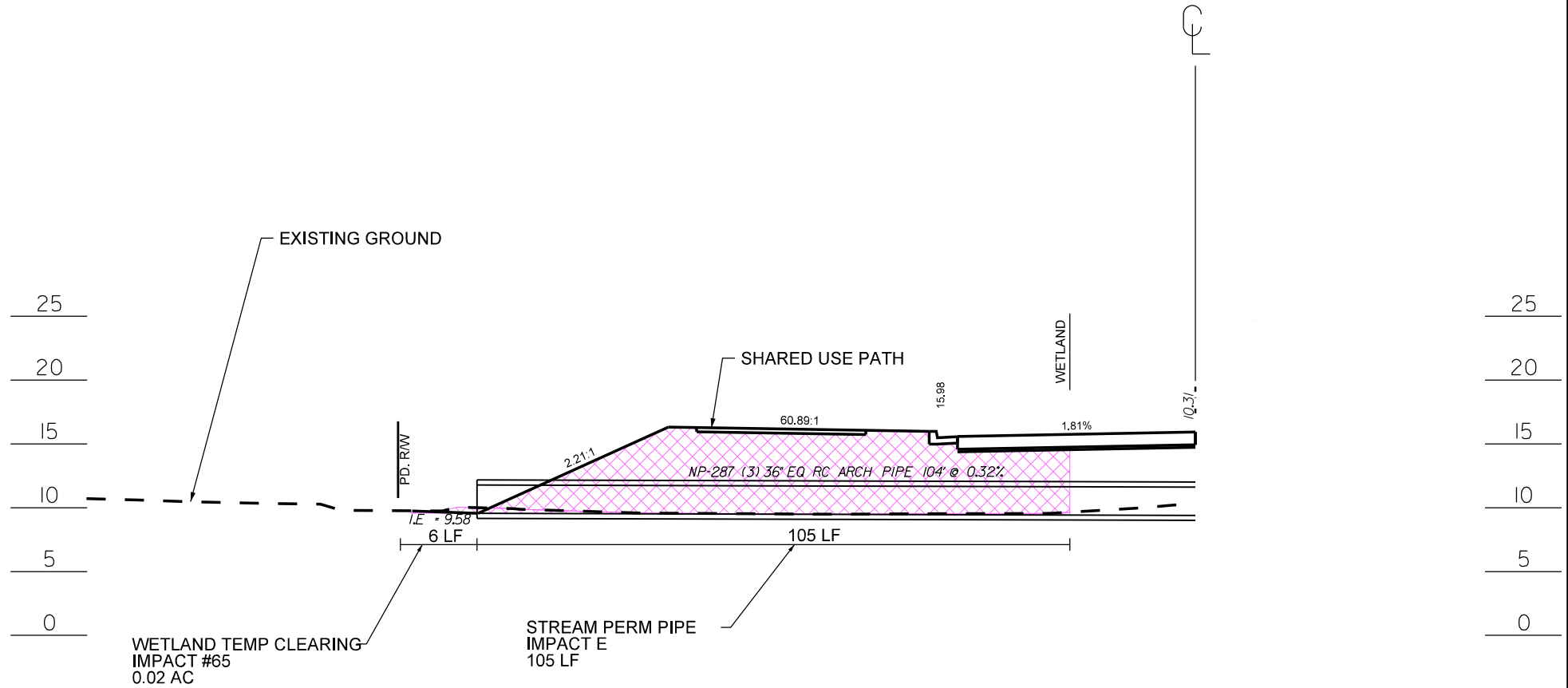
APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

BILLY SWAILS BOULEVARD

STATION 75+23.44

SECTION K

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	22



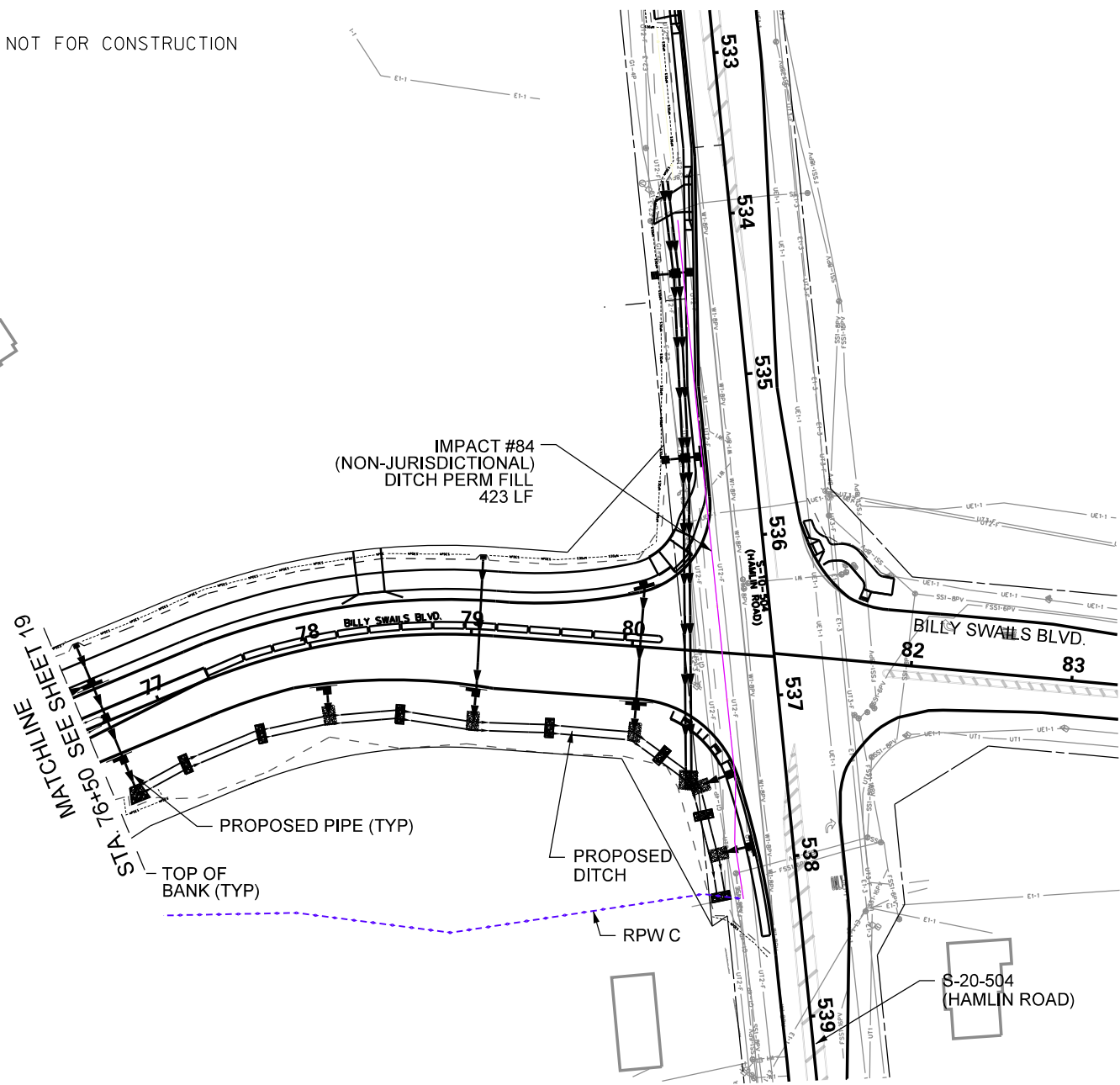
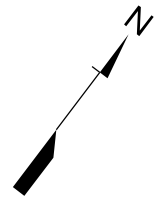
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LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT DRAWINGS
 CROSS-SECTION VIEW
 SCALE: N.T.S.

PERMIT PLANS NOT FOR CONSTRUCTION

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	22A



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LEGEND

WETLAND PRESERVATION LINE	DELINEATION NOT INCLUDED IN IMPACTS	WETLAND BUFFER
PROPOSED R/W	FW WETLANDS	WETLAND EXCAVATION/DREDGING
STREAM IMPACT	OPEN WATER (POND)	WETLAND TEMPORARY CLEARING
LIMITS OF CONSTRUCTION	WETLAND PERMANENT FILL IMPACT	WETLAND PERMANENT CLEARING
SILT FENCE LINE	POND PERMANENT FILL IMPACT	RIP RAP (PERMANENT FILL)
	POND EXCAVATION IMPACT	

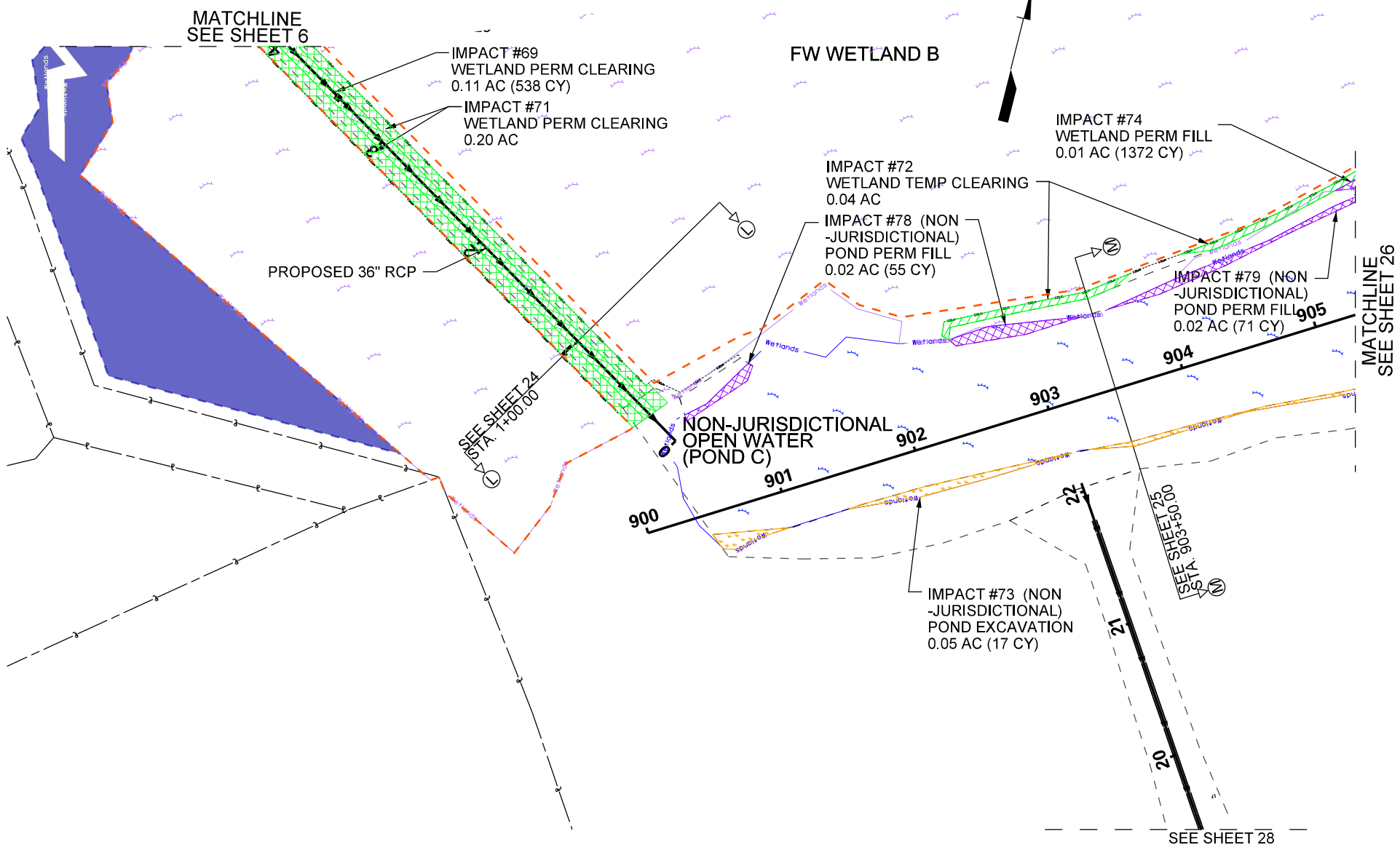
APPLICATION BY:
 TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

SCALE: 1" = 100'

PERMIT PLANS NOT FOR CONSTRUCTION

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	23



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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
			WETLAND BUFFER
			WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS
 SCALE: 1" = 100'

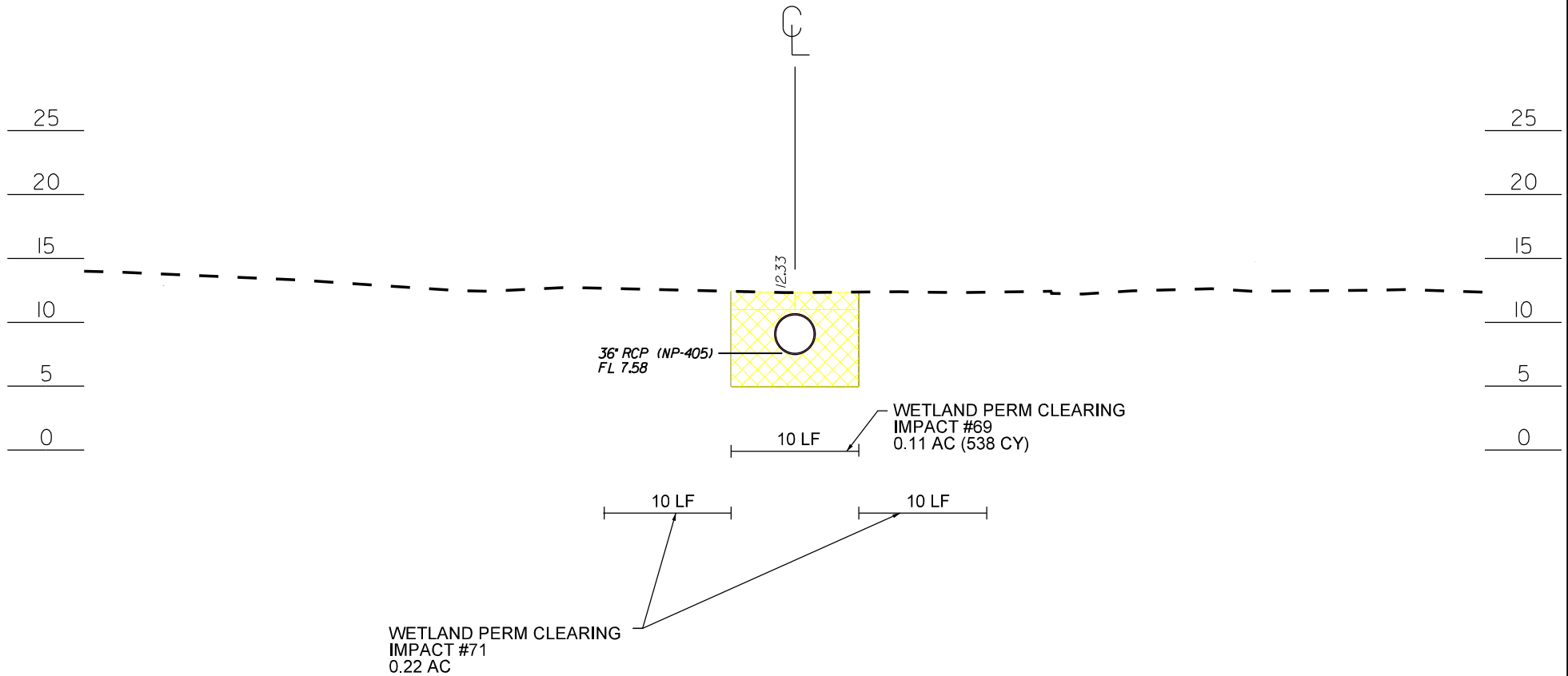
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 1+00.000

SECTION L

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	24



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LEGEND

 TEMPORARY WETLAND FILL/CVR IMPACT

APPLICATION BY:

TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
BILLY SWAILS BOULEVARD
WETLAND PERMIT DRAWINGS
CROSS-SECTION VIEW

SCALE: N.T.S.

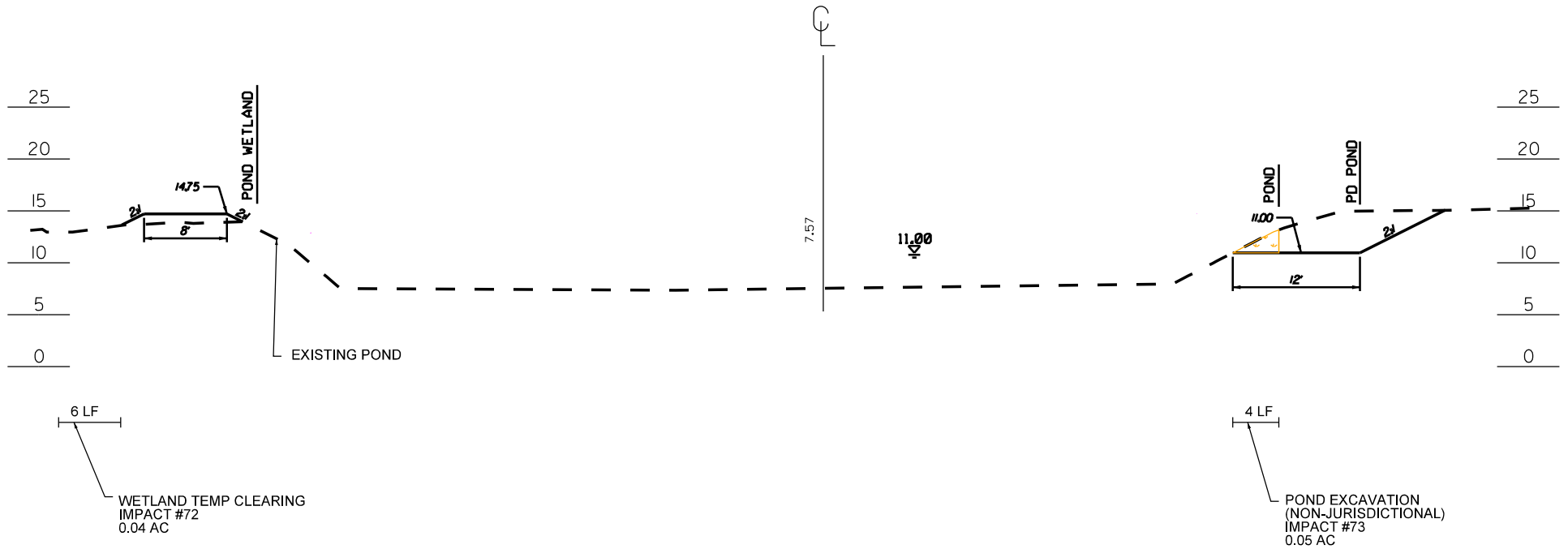
PERMIT PLANS NOT FOR CONSTRUCTION

BILLY SWAILS BOULEVARD

STATION 903+50.000

SECTION M

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	25



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 North Charleston, SC 29418
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LEGEND

-  PERMANENT WETLAND FILL IMPACT
-  PERMANENT WETLAND EXCAVATION IMPACT
-  PERMANENT POND FILL IMPACT
-  PERMANENT POND EXCAVATION IMPACT

APPLICATION BY:

TOWN OF MOUNT PLEASANT

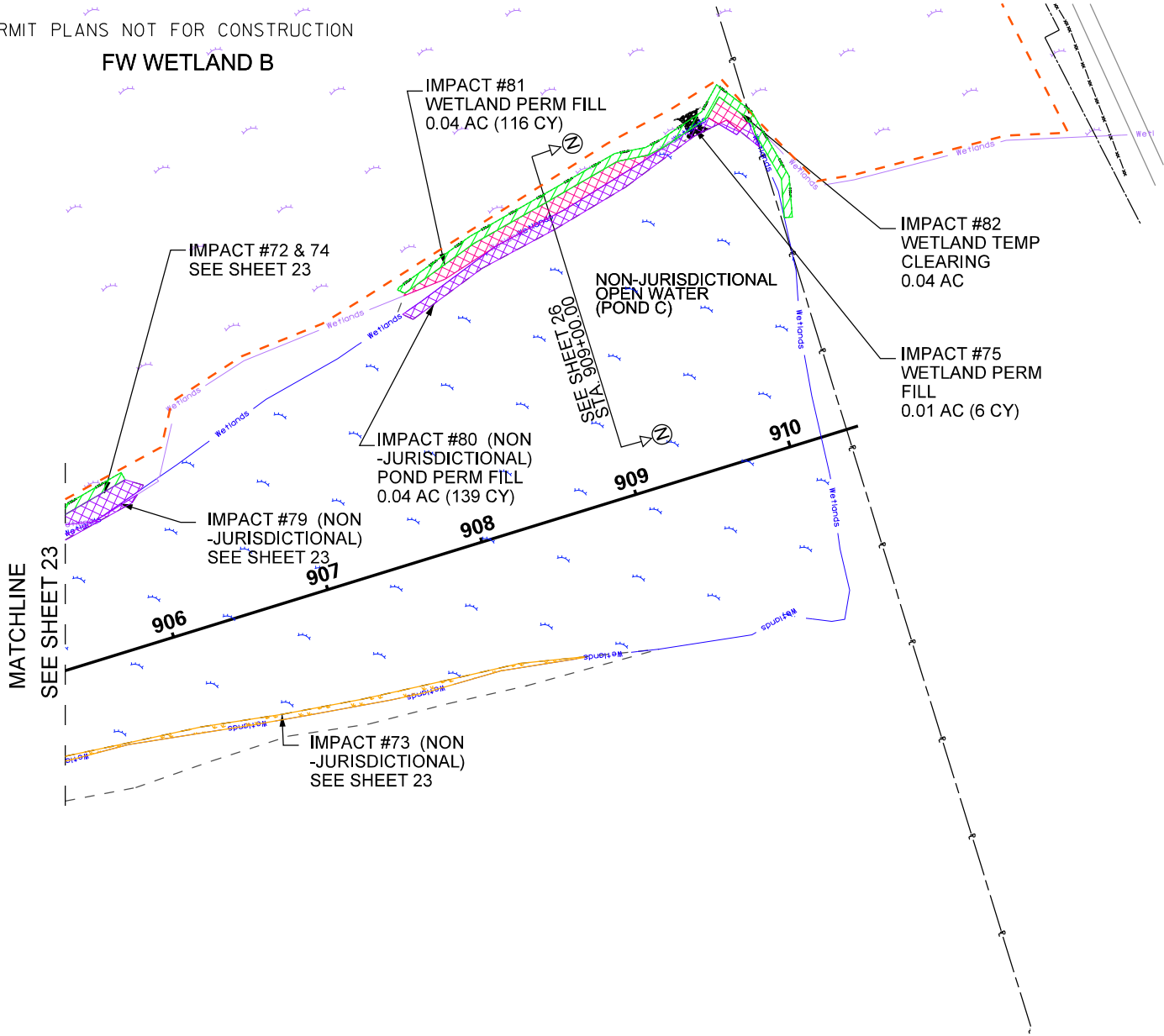
CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 CROSS-SECTION VIEW
 WETLAND PERMIT DRAWINGS

SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	26

PERMIT PLANS NOT FOR CONSTRUCTION


















FW WETLAND B



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LEGEND

	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS		WETLAND BUFFER
	PROPOSED R/W		FW WETLANDS		WETLAND EXCAVATION/DREDGING
	STREAM IMPACT		OPEN WATER (POND)		WETLAND TEMPORARY CLEARING
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT		WETLAND PERMANENT CLEARING
	DITCH IMPACT		POND PERMANENT FILL IMPACT		RIP RAP (PERMANENT FILL)
	SILT FENCE LINE		POND EXCAVATION IMPACT		

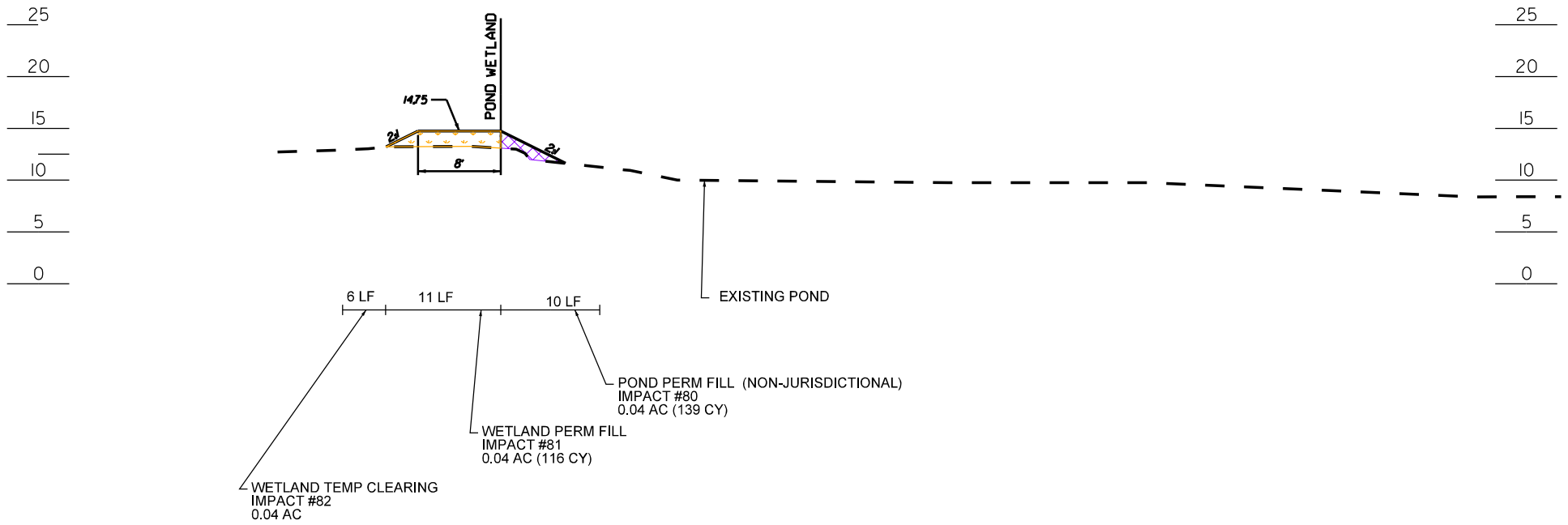
APPLICATION BY:
 TOWN OF MOUNT PLEASANT

CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS

SCALE: 1" = 100'

BILLY SWAILS BOULEVARD
STATION 909+00.000
SECTION N

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	27



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 Fax: 843.740.7707
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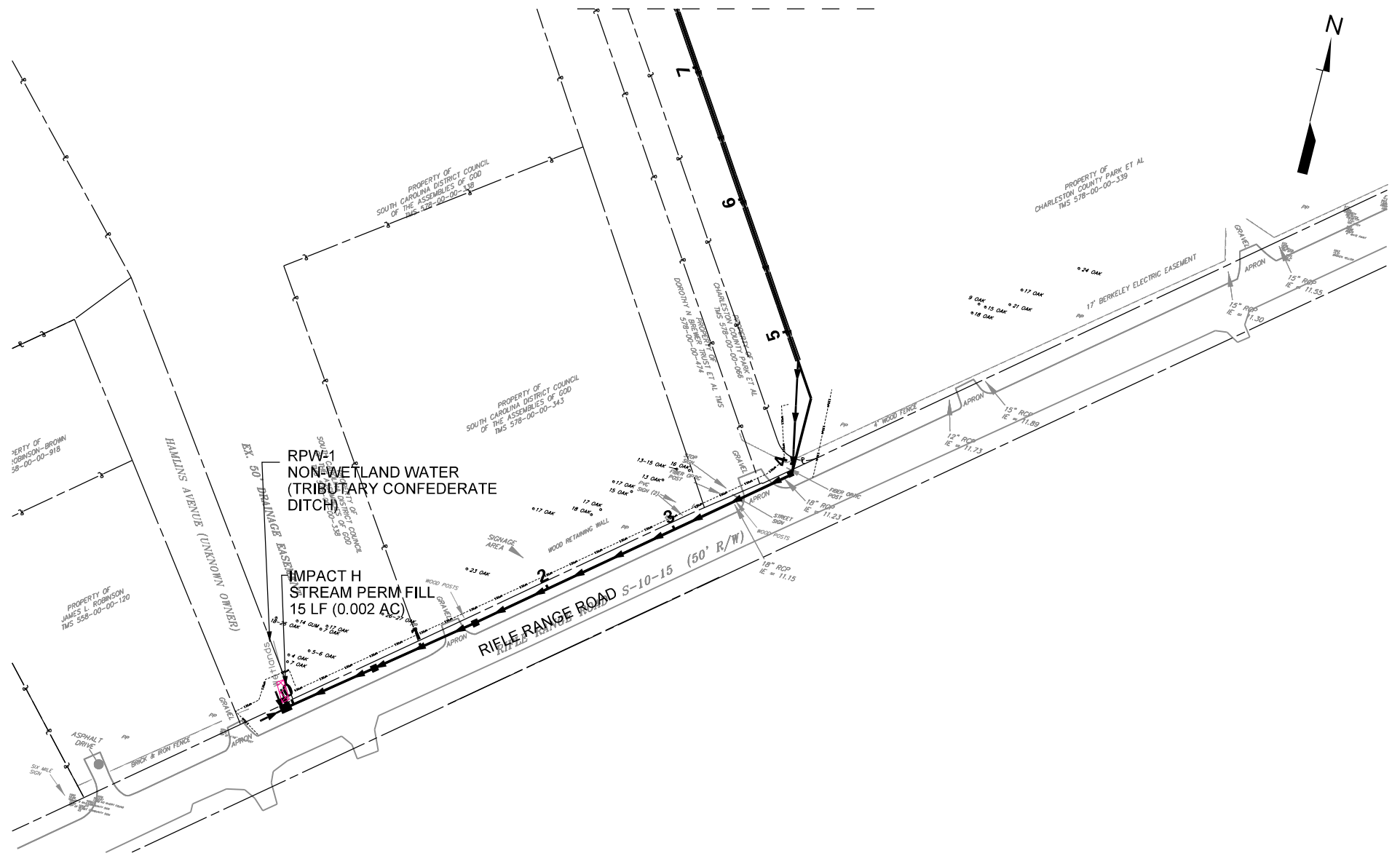
LEGEND	
	PERMANENT WETLAND FILL IMPACT
	PERMANENT WETLAND EXCAVATION IMPACT
	PERMANENT POND FILL IMPACT
	PERMANENT POND EXCAVATION IMPACT

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 CROSS-SECTION VIEW
 WETLAND PERMIT DRAWINGS
 SCALE: N.T.S.

COUNTY	ROUTE NAME	SHEET NO.
CHARLESTON	BILLY SWAILS BOULEVARD	28


















PERMIT PLANS NOT FOR CONSTRUCTION

SEE SHEET 23



PREPARED BY:

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LEGEND			
	WETLAND PRESERVATION LINE		DELINEATION NOT INCLUDED IN IMPACTS
	PROPOSED R/W		FW WETLANDS
	STREAM IMPACT		OPEN WATER (POND)
	LIMITS OF CONSTRUCTION		WETLAND PERMANENT FILL IMPACT
	DITCH IMPACT		POND PERMANENT FILL IMPACT
	SILT FENCE LINE		POND EXCAVATION IMPACT
			WETLAND BUFFER
			WETLAND EXCAVATION/DREDGING
			WETLAND TEMPORARY CLEARING
			WETLAND PERMANENT CLEARING
			RIP RAP (PERMANENT FILL)

APPLICATION BY:
 TOWN OF MOUNT PLEASANT
 CHARLESTON COUNTY
 BILLY SWAILS BOULEVARD
 WETLAND PERMIT SHEETS
 SCALE: 1" = 100'