

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, SC 29412**  
**and**  
**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**Water Quality Certification and Wetlands Section**  
**2600 Bull Street**  
**Columbia, South Carolina 29201**

REGULATORY DIVISION  
Refer to: P/N SAC-2013-00548

October 23, 2018

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), 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

**MR. WILLIAM MCGOLDRICK**  
**SCDOT**  
**P.O. BOX 191**  
**COLUMBIA, SOUTH CAROLINA 29202**

for a permit to implement US 78 Improvements Phase 2A & 2B in

**FOUR HOLES SWAMP AND CYPRESS SWAMP**

beginning northwest of the intersection of US 78 and US 178 and extending southeast to an ending point northwest of the US 78 intersection with Orangeburg Road and Dawson Branch Road, in Dorchester County, South Carolina (Start Latitude: 33.1404°N, Longitude: 80.3625°W; End Latitude: 33.0709°N, Longitude: 80.2523°W), Quad Sheet- Summerville.

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

**15 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.

The proposed work consists of 8.1 miles of improvements to US 78 to begin northwest of the intersection of US 78 and US 178 and extending southeast to an ending point northwest of the

US 78 intersection with Orangeburg Road and Dawson Branch Road. In detail the applicant proposes to mechanically clear 6.77 acres, excavate 4.64 acres, and fill 9.88 acres of jurisdictional wetlands for improvements to the existing US 78. The applicant has proposed to mitigate for impacts to wetlands and/or waters of the United States by purchasing 213.4 wetland mitigation credits from a mitigation bank approved to service the watershed area where the project is located. The project purpose is to improve public traffic safety by improving the existing deficient roadway.

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

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. 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.

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 21.29 acres 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.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey for the property associated with the activity described above. Based upon this report, the District Engineer has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. Per the applicants' prior coordination, dated October 4, 2007, and follow-up coordination dated August 6, 2012, the U.S. Fish and Wildlife Service (USFWS) concurred with this finding. As such, this public notice serves as a request for any additional information regarding listed species and the proposed project from the USFWS and/or NMFS.

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 Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(j)(1)), and has initially determined that there are historic properties present, but

they will not be affected; therefore, there will be no effect on historic properties. Per the applicants' prior coordination, dated July 5, 2007, the State Historic Preservation Office (SHPO) concurred with this finding. As such, to ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the SHPO and other interested parties to provide any information they may have with regard to historic properties.

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

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.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the 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. 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.

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. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

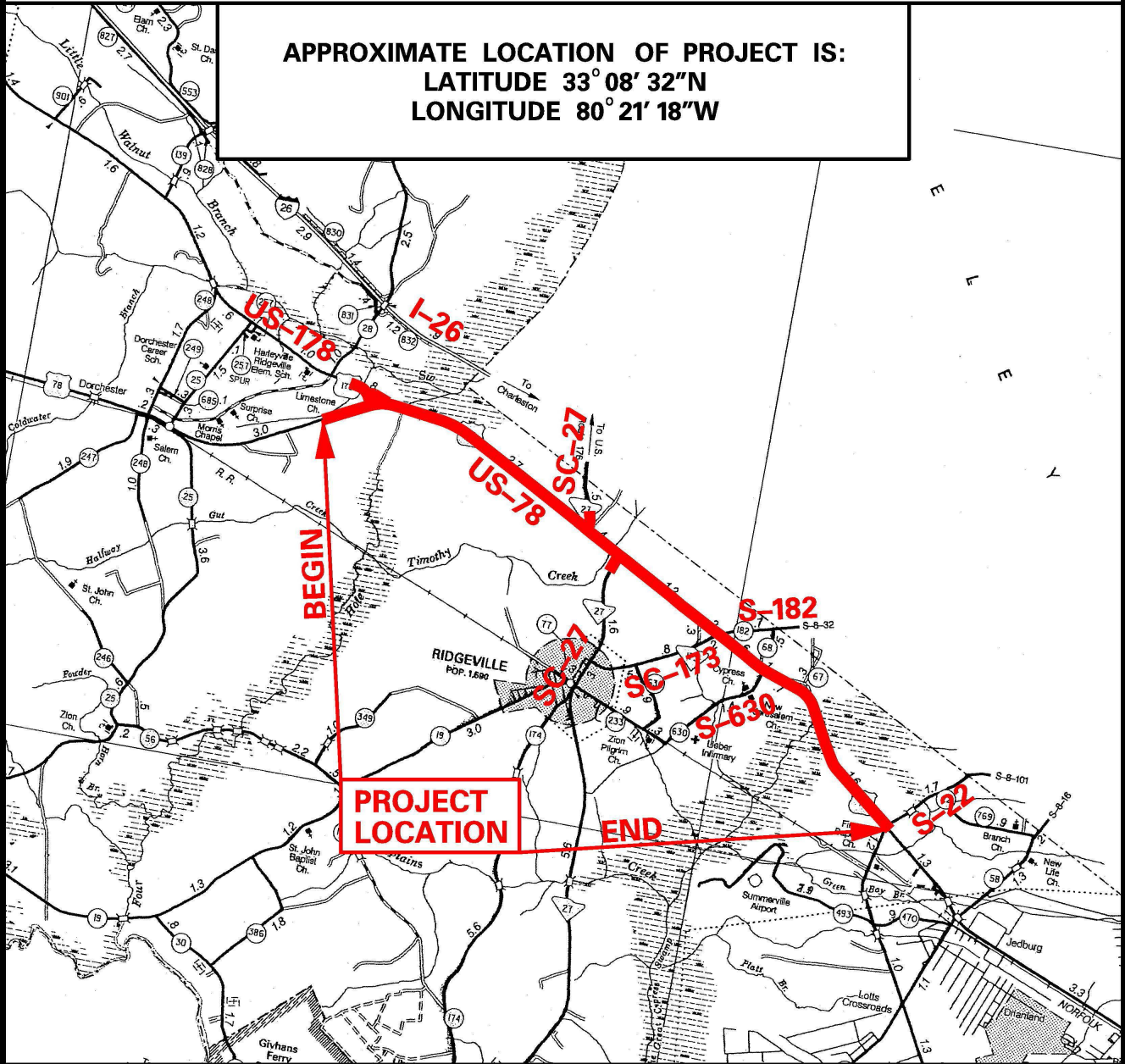
**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, SC 29412**

If there are any questions concerning this public notice, please contact Ivan W. Fannin, Project Manager, at (843) 329-8134 or toll free at 1-866-329-8187.

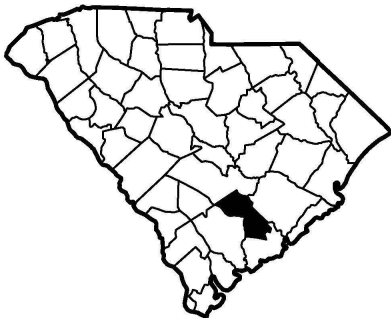
# VICINITY MAP

FROM: DORCHESTER COUNTY MAP 2005

APPROXIMATE LOCATION OF PROJECT IS:  
LATITUDE 33° 08' 32"N  
LONGITUDE 80° 21' 18"W



SHADED AREA INDICATES  
COUNTY LOCATION IN SC

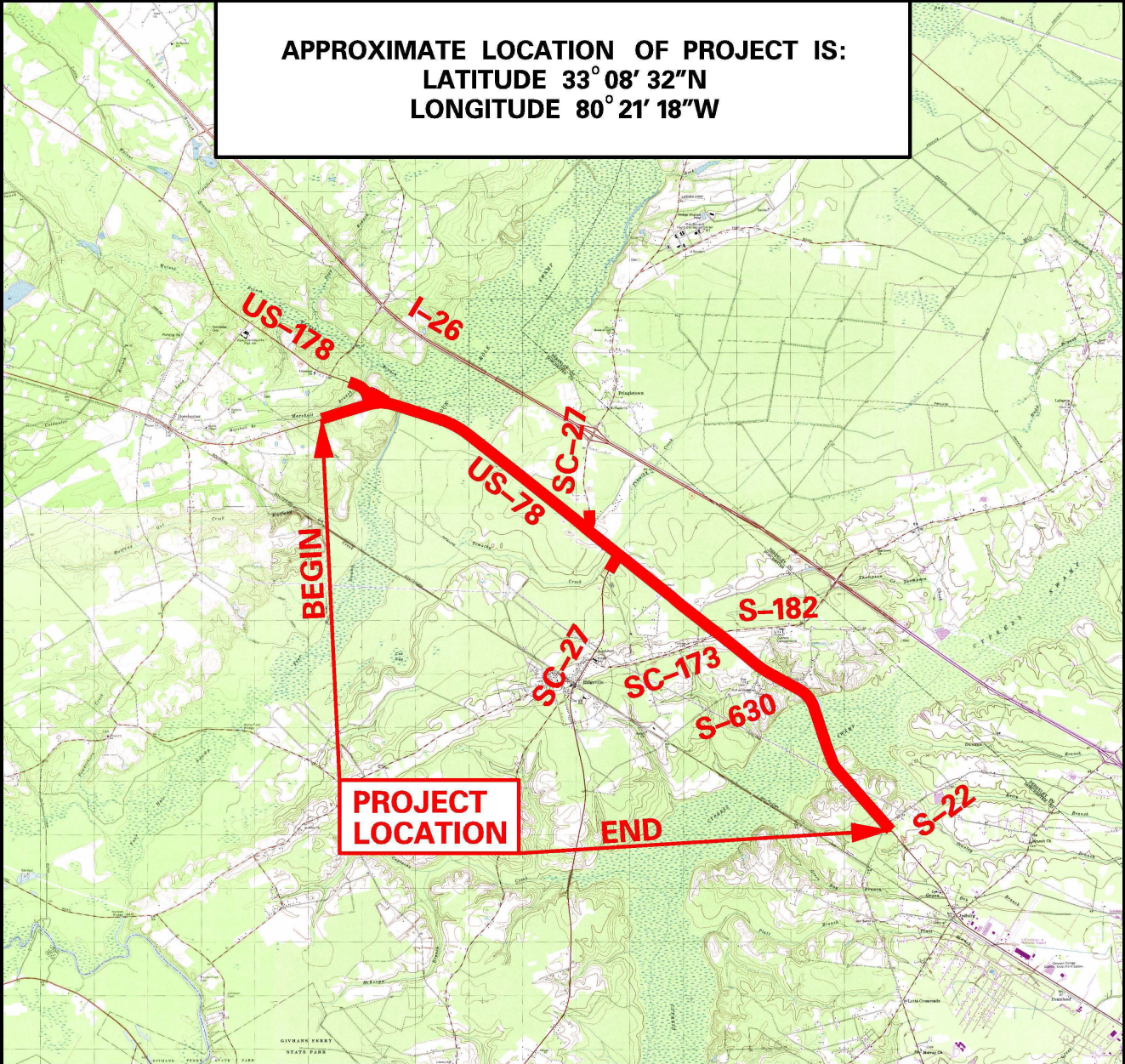


US-78 (PHASE 2A & 2B)  
PROPOSED WETLAND IMPACTS  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018  
SHEET 1 OF 79

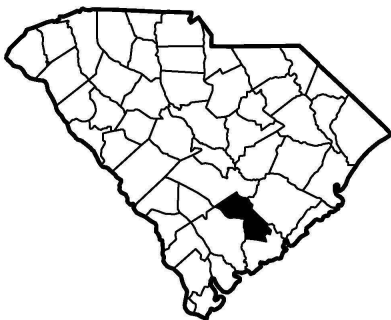
# USGS MAP

FROM: USGS QUAD MAP  
HARLEYVILLE, MAPLE CANE SWAMP, PRINGLETOWN RIDGEVILLE SUMMERVILLE &  
SUMMERVILLE NW (1997)

APPROXIMATE LOCATION OF PROJECT IS:  
LATITUDE 33° 08' 32"N  
LONGITUDE 80° 21' 18"W



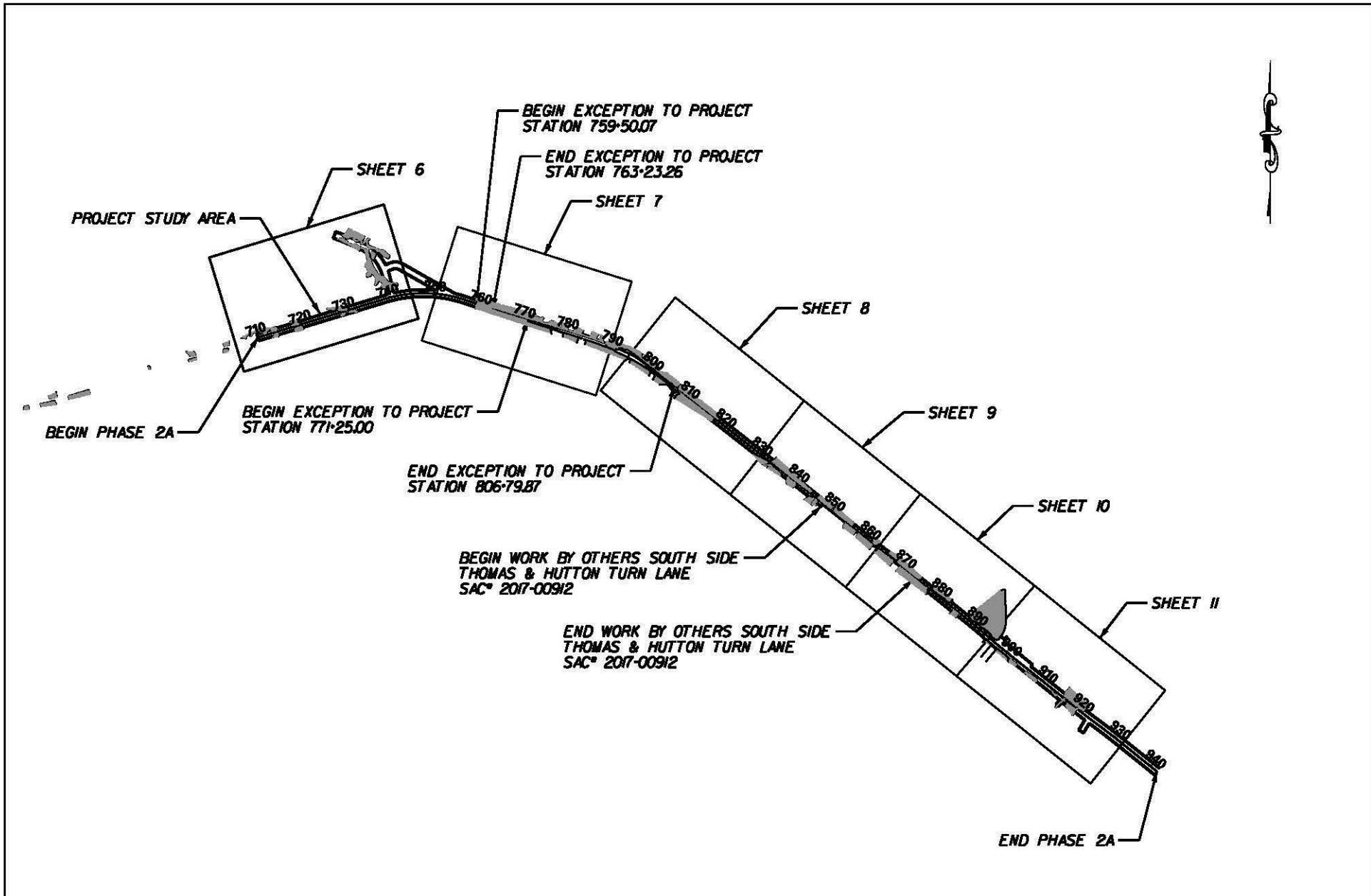
SHADED AREA INDICATES  
COUNTY LOCATION IN SC



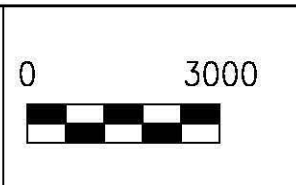
US-78 (PHASE 2A & 2B)  
PROPOSED WETLAND IMPACTS  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018  
SHEET 2 OF 79

WETLAND	SHEET #'S	Station Ranges	PERMANENT FILL			EXCAVATION			CLEARING	
			SF	AC	CY	SF	AC	CY	SF	AC
WET BS	17,18	711+36 to 714+45	3242	0.07	139	0	0.00	0	2196	0.05
WET BT	19	718+09 to 719+48	2721	0.06	428	421	0.01	3	1068	0.02
WET BU	20	728+71 to 730+62	5231	0.12	772	0	0.00	0	1647	0.04
WET BV	62	25+13 to 28+49	22831	0.52	9889	0	0.00	0	5915	0.14
WET BW	60, 61	12+61 to 18+59	1050	0.02	46	0	0.00	0	2179	0.05
WET BX	21, 22, 23, 24	763+34 to 818+83	35125	0.81	3729	0	0.00	0	18074	0.41
WET CA	25, 26	833+74 to 844+56	11435	0.27	842	12265	0.28	358	7309	0.17
WET CB	27, 28	851+03 to 856+32	4451	0.10	253	3666	0.08	117	4932	0.11
WET CC	27	846+50 to 850+33	3335	0.08	224	8046	0.18	528	2525	0.06
WET CD	29	861+92 to 862+94	674	0.02	25	711	0.02	7	779	0.02
WET CE	30, 31	865+96 to 875+13	8345	0.20	887	6872	0.16	158	5618	0.13
WET CF/CG	32, 33	878+21 to 883+53	7835	0.18	726	4448	0.11	59	5227	0.12
WET CH	34, 35	888+58 to 897+78	540	0.01	160	3713	0.09	379	5066	0.11
WET CL	38	915+54 to 921+13	9387	0.22	830	8174	0.19	306	13536	0.31
WET CN	40	963+95 to 965+31	0	0.00	0	941	0.02	161	343	0.01
WET CQ/CR	41, 42, 43	972+07 to 985+31	13572	0.31	716	28090	0.65	2319	5721	0.13
WET CS	43, 44, 45, 63	983+85 to 997+86	8621	0.21	1559	26064	0.59	1175	13796	0.31
WET CT	46, 47	1007+72 to 1011+83	9719	0.23	1082	5006	0.12	68	5425	0.12
WET CU	48, 49	1018+93 to 1031+03	31807	0.73	3481	18365	0.43	851	8014	0.19
WET CV	50	1036+41 to 1037+73	576	0.01	58	796	0.02	10	634	0.01
WET CW	51	1052+40 to 1055+25	7272	0.17	1259	147	0.00	1	2949	0.07
WET CX	52	1060+69 to 1062+89	5822	0.13	684	1182	0.03	14	1436	0.03
WET CY	53, 54, 55, 56, 57	1072+66 to 1104+94	12891	0.29	1311	0	0.00	0	50635	1.21
WET CZ	58, 59	1110+14 to 1117+76	7441	0.17	530	8283	0.19	333	4496	0.10
WET ZA	18	713+54 to 714+56	2212	0.05	353	0	0.00	0	497	0.01
WET ZB	19	718+21 to 720+03	3467	0.08	474	708	0.02	2	2197	0.05
WET ZC	20	730+61 to 732+39	4070	0.09	492	959	0.02	9	242	0.01
WET ZD	20	728+71 to 729+84	2712	0.06	512	367	0.01	12	694	0.02
WET ZE/ZF	60, 61	12+68 to 18+63	4387	0.10	933	0	0.00	0	3940	0.10
WET ZG	61	18+95 to 20+44	7942	0.18	2070	0	0.00	0	337	0.01
WET ZH	21, 22, 23, 24	763+29 to 818+09	21210	0.49	2123	0	0.00	0	18654	0.41
WET ZI	25	832+67 to 832+99	18	0.00	1	0	0.00	0	70	0.00
WET ZJ	25	833+85 to 834+29	33	0.00	1	0	0.00	0	590	0.01
WET ZK	25, 26	838+45 to 840+91	2792	0.06	231	2760	0.06	46	703	0.02
WET ZM	27	845+62 to 845+96	45	0.00	2	165	0.00	1	178	0.00
WET ZN	27	846+27 to 846+92	326	0.01	4	819	0.02	22	583	0.01
WET ZR	31, 32	873+96 to 877+75	3123	0.07	754	3463	0.08	58	1150	0.03
WET ZU	33	884+94 to 886+43	3683	0.08	300	2917	0.07	156	429	0.01
WET ZV	34, 35, 36, 37	894+79 to 908+92	0	0.00	0	6448	0.15	173	3022	0.07
WET ZW	37	912+94 to 914+45	2167	0.05	107	605	0.01	4	681	0.02
WET ZX	38	915+85 to 919+74	10741	0.25	1983	4809	0.11	250	1154	0.03
WET ZPA	55, 56, 57, 58, 59	1090+51 to 1113+78	33397	0.76	3194	0	0.00	0	43479	0.99
WET ZQA	53, 54, 55	1071+73 to 1086+18	14625	0.33	1156	0	0.00	0	32203	0.74
WET ZRA	52	1061+03 to 1062+06	1985	0.05	267	76	0.00	0	826	0.02
WET ZSA	51	1053+88 to 1055+06	3030	0.07	493	0	0.00	0	1431	0.03
WET ZTA	41, 42, 43, 44	977+06 to 994+63	67252	1.54	6184	26460	0.60	1147	9066	0.20
WET ZUA	41	973+04 to 975+85	13596	0.31	1212	4653	0.11	370	628	0.01
WET ZWA	39	949+65 to 953+95	12831	0.29	768	9371	0.22	879	2087	0.05
TOTAL			429567	9.88	53244	201770	4.64	9976	294361	6.77
TOTAL IMPACTS (AC):			21.29							
TOTAL PROJECT AREA (AC):			157.61							

**US-78 (PHASE 2A & 2B)  
PROPOSED WETLAND IMPACTS  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018  
SHEET 3 OF 79**



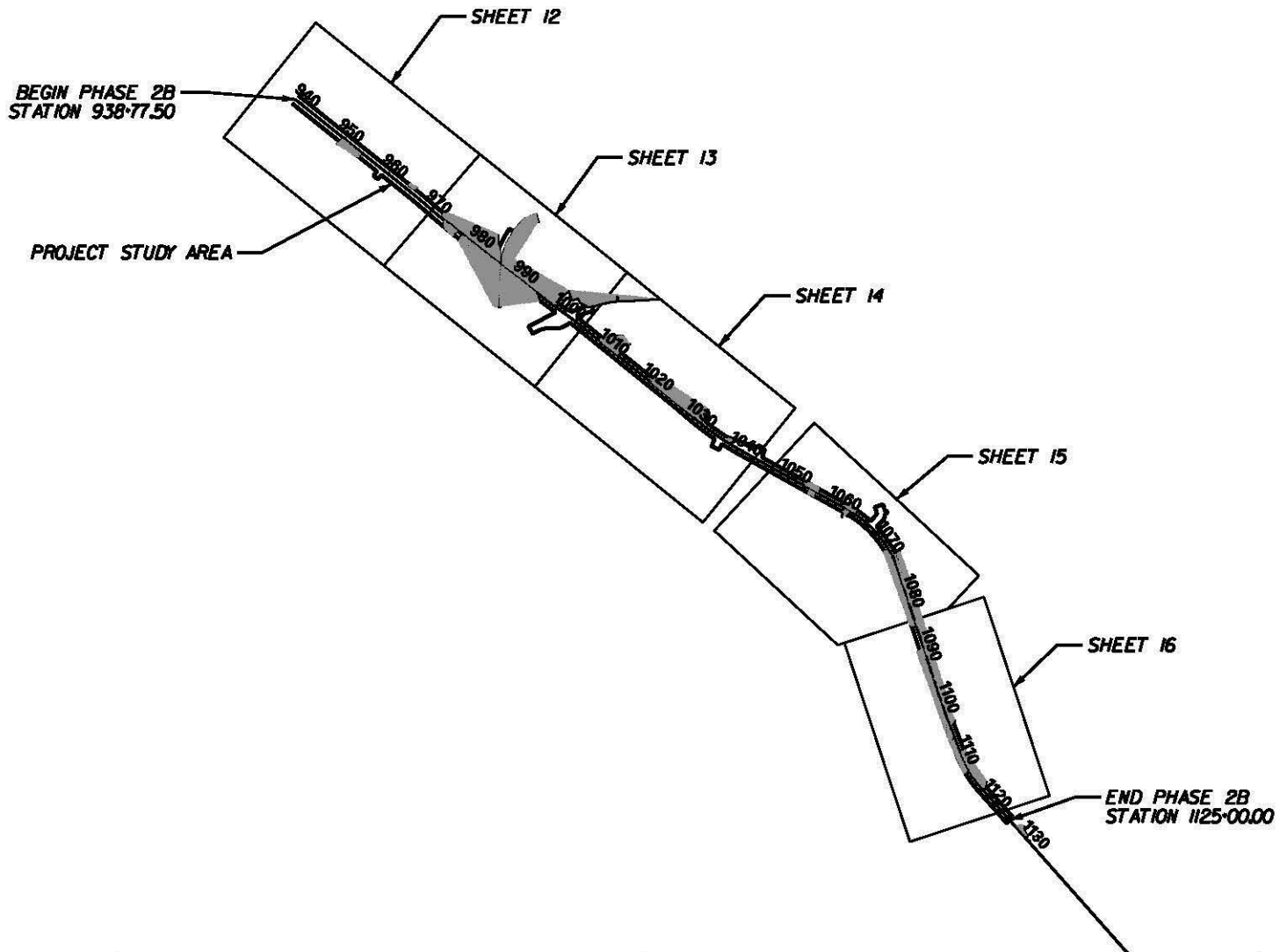
PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



LEGEND	
	EXISTING PAVEMENT
	WETLAND
	PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 4



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DAVIS &  
FLOYD, INC.  
CHARLESTON, SC



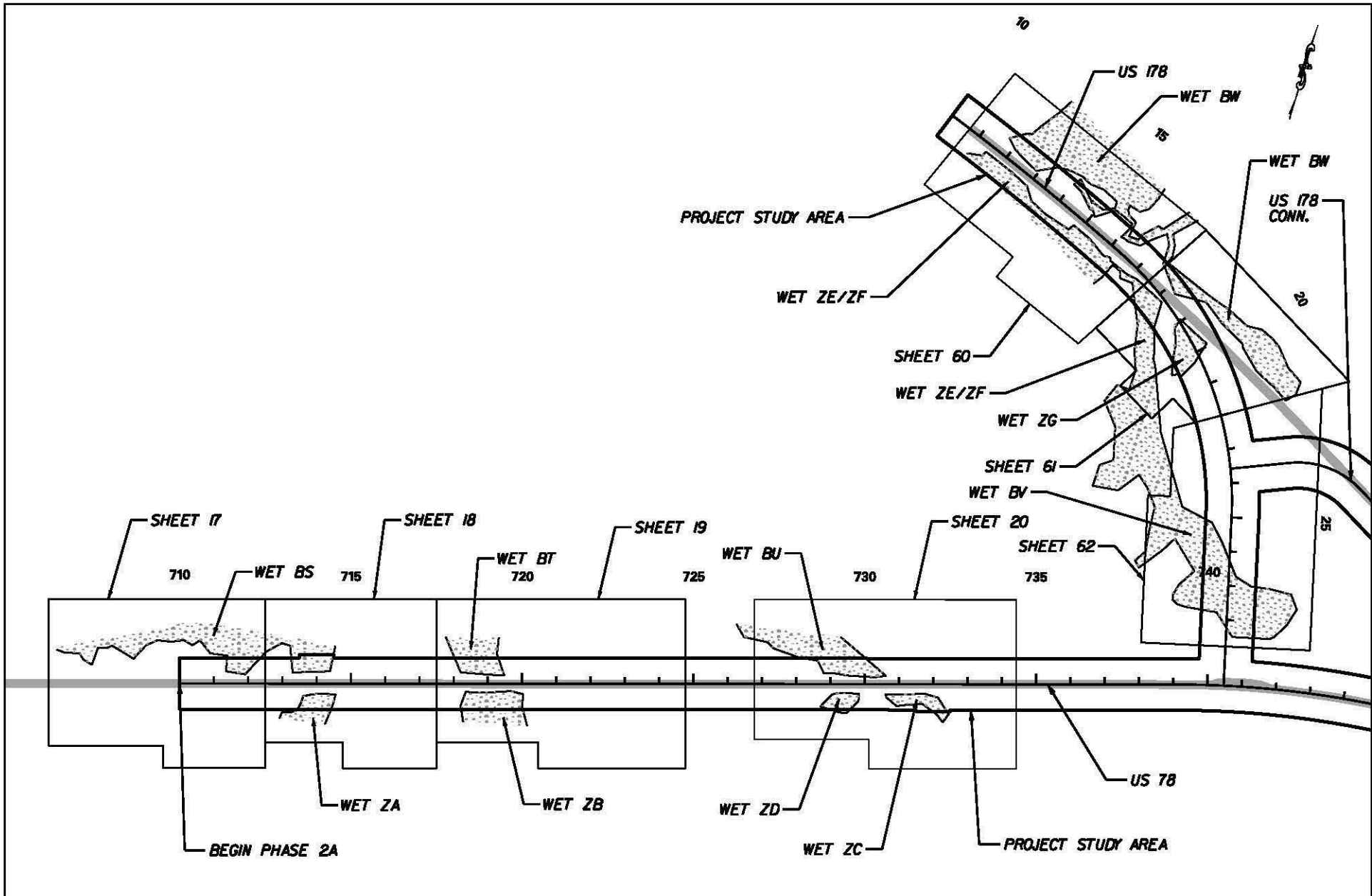
**LEGEND**

-  EXISTING PAVEMENT
-  WETLAND
-  PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

SHEET 5





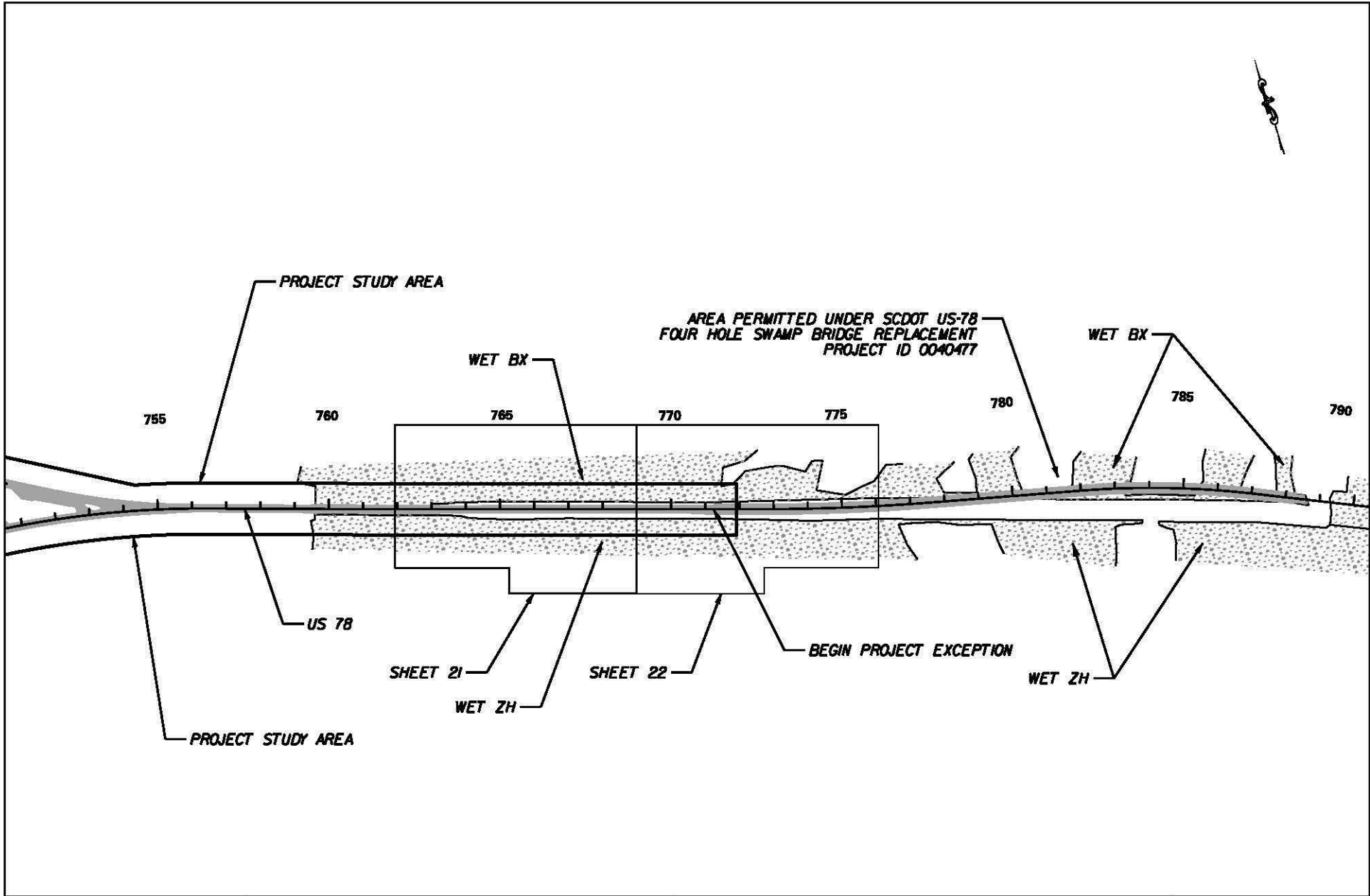
PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



**LEGEND**  
 [Grey Box] EXISTING PAVEMENT  
 [Hatched Box] WETLAND  
 [Dashed Line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 6



PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC

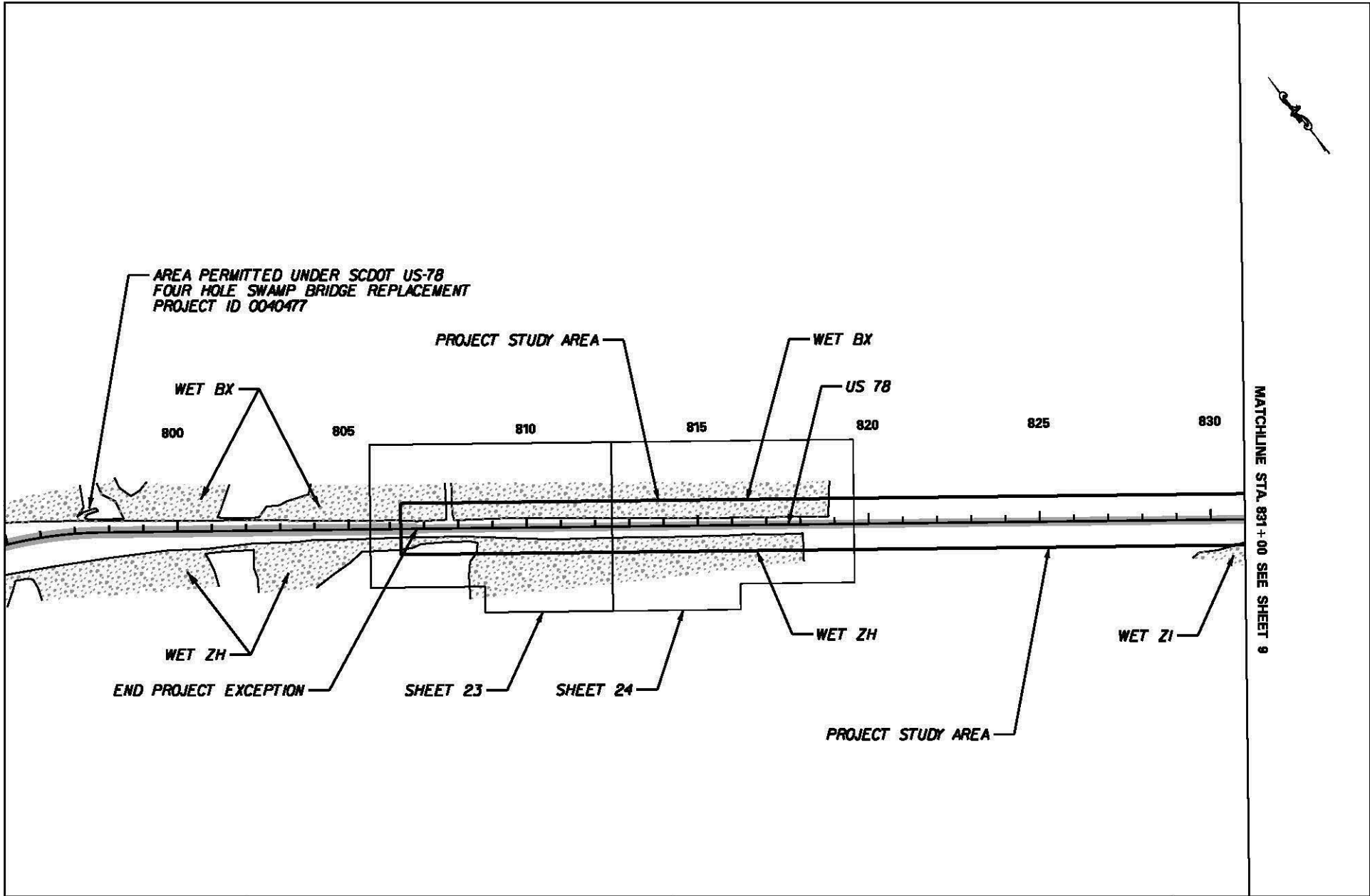


**LEGEND**

-  EXISTING PAVEMENT
-  WETLAND
-  PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 7



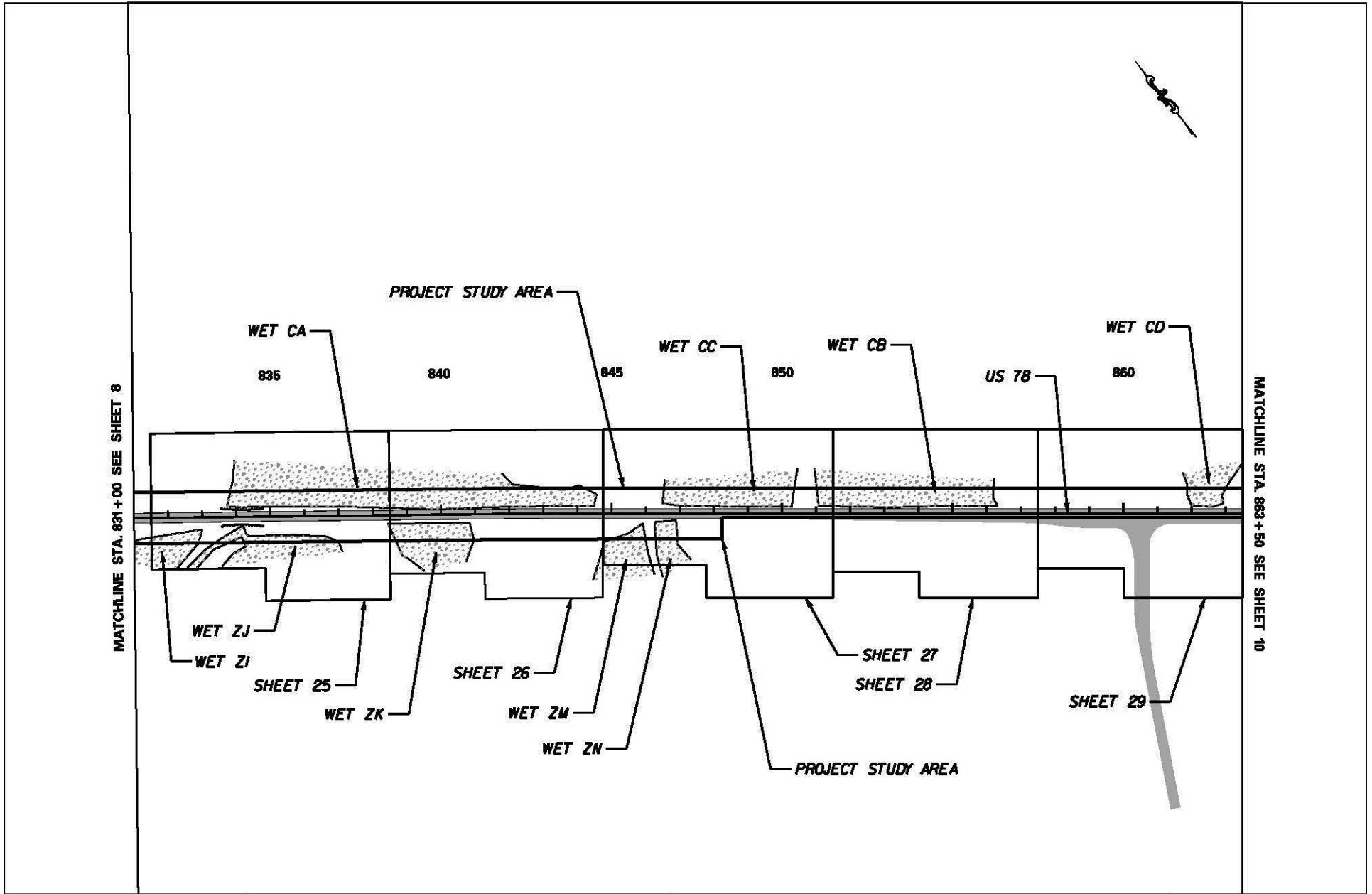
PREPARED BY:  
 DAVIS &  
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 CHARLESTON, SC



**LEGEND**  
 [Stippled pattern] EXISTING PAVEMENT  
 [Wavy line pattern] WETLAND  
 [Solid line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 8



MATCHLINE STA. 831+00 SEE SHEET 8

MATCHLINE STA. 863+50 SEE SHEET 10

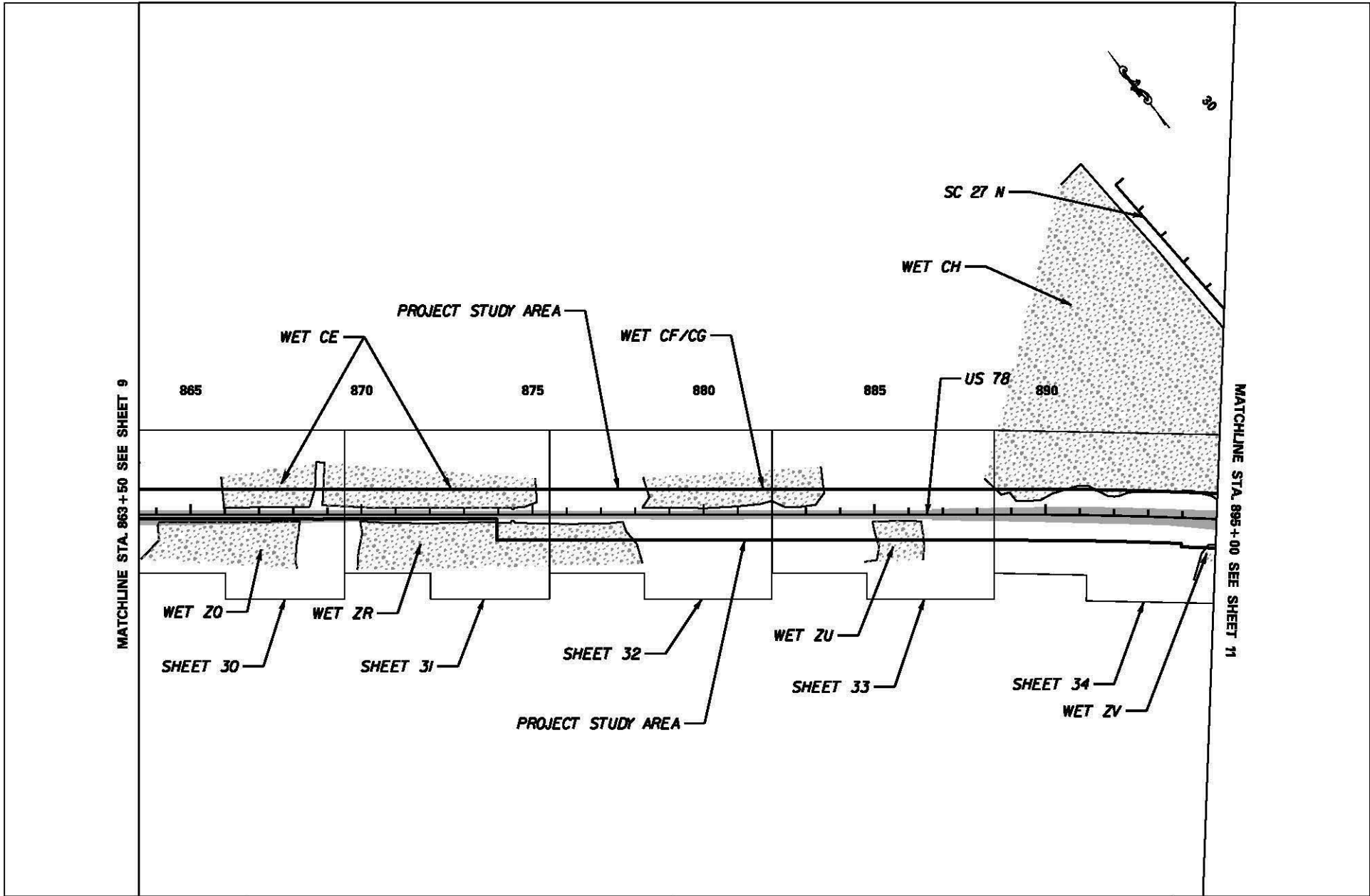
PREPARED BY:  
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**LEGEND**  
 [Stippled pattern] EXISTING PAVEMENT  
 [Wavy line pattern] WETLAND  
 [Solid line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 9



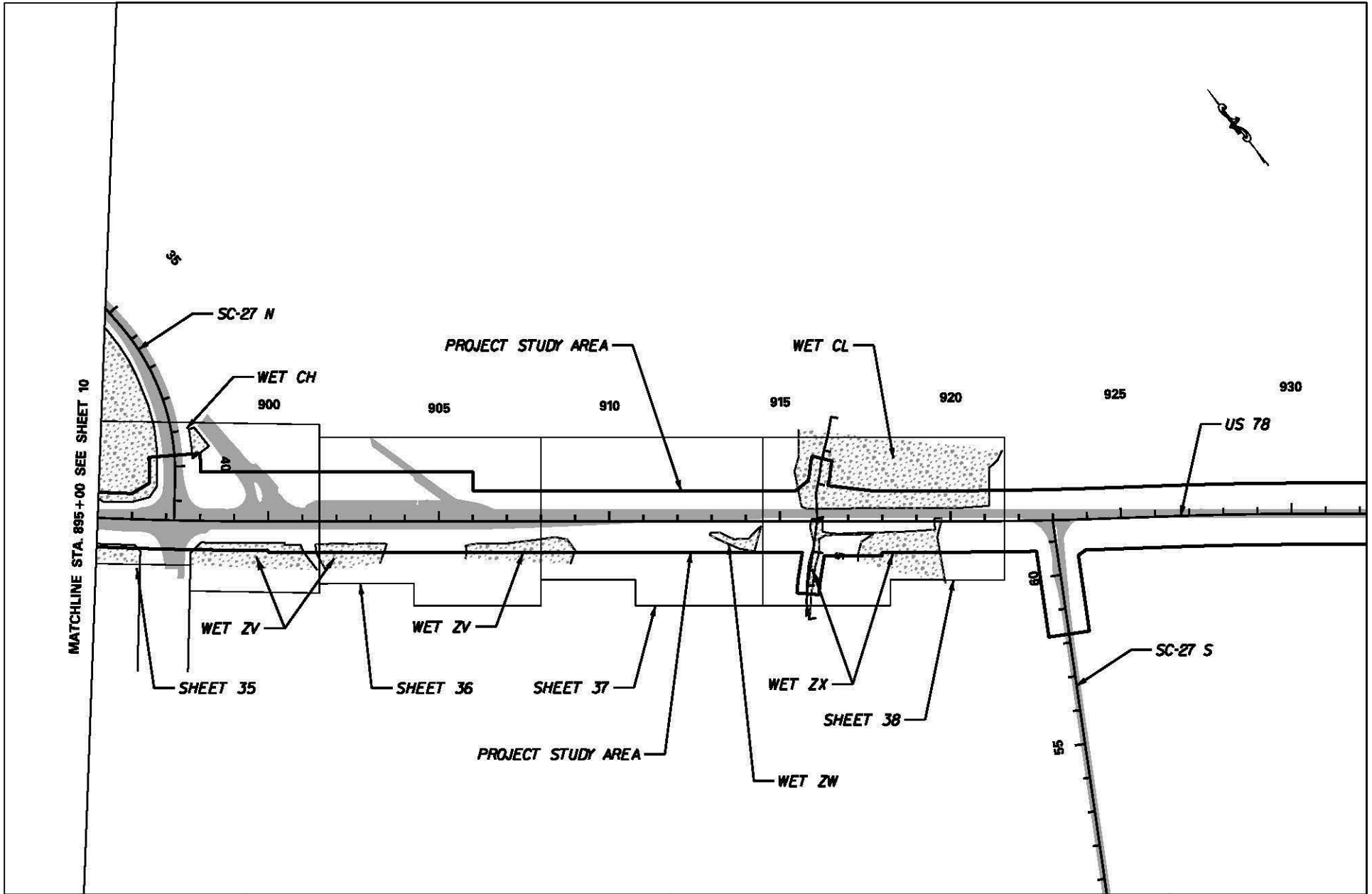
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**LEGEND**  
 [Grey Box] EXISTING PAVEMENT  
 [Hatched Box] WETLAND  
 [Solid Line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 10



MATCHLINE STA. 895+00 SEE SHEET 10

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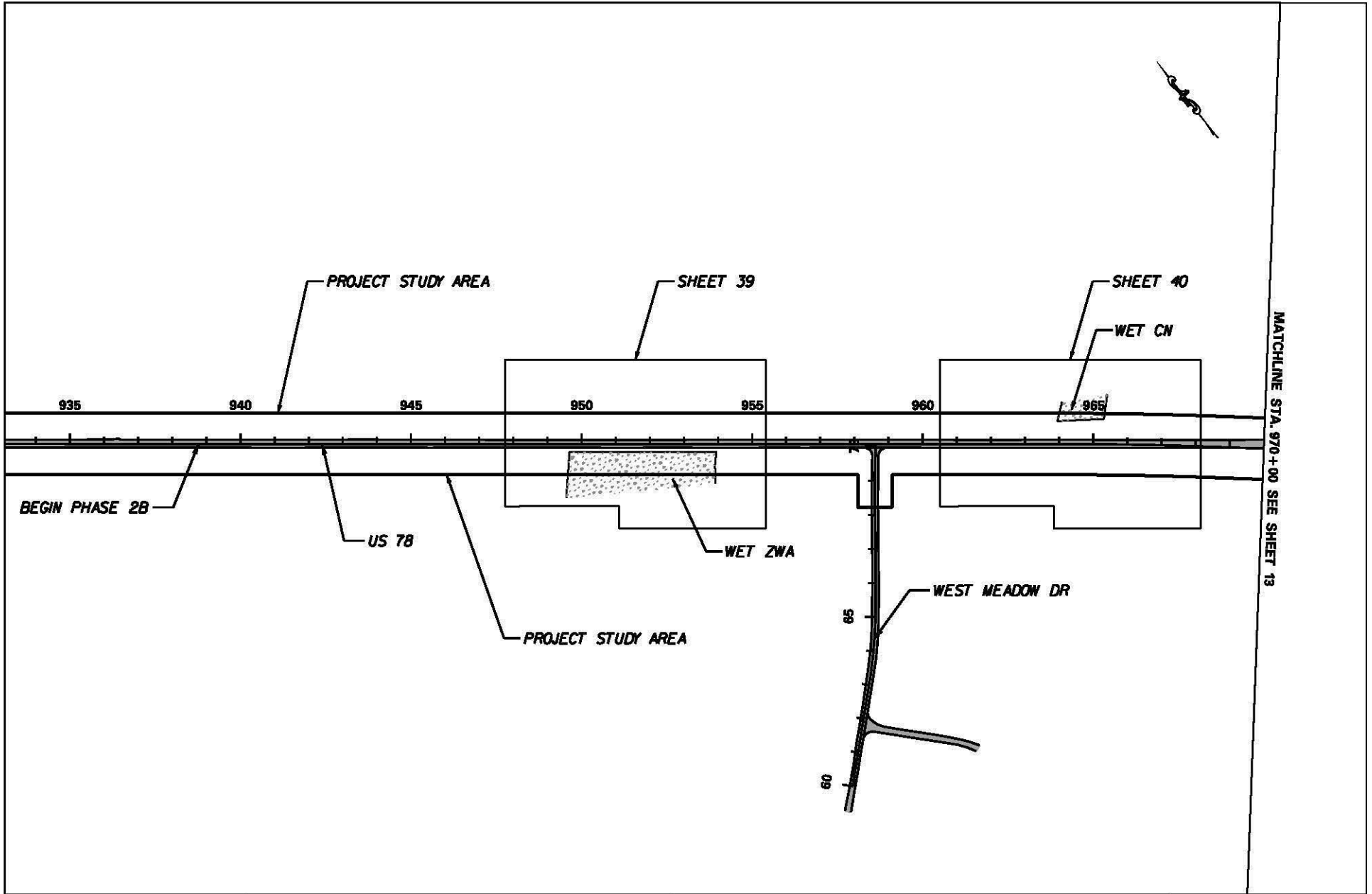


**LEGEND**

- EXISTING PAVEMENT
- WETLAND
- PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 11



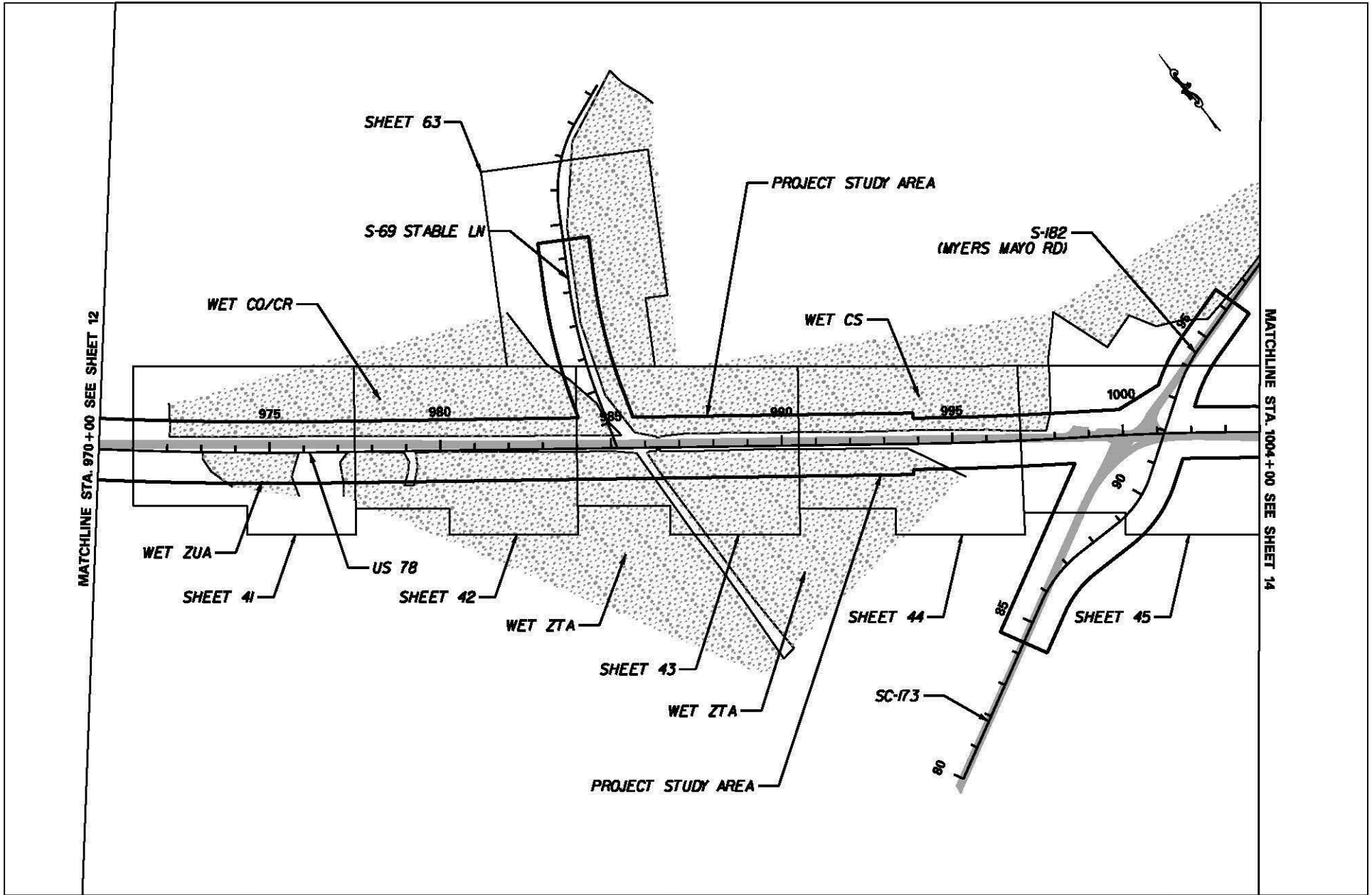
PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



**LEGEND**  
 [Grey box] EXISTING PAVEMENT  
 [Wetland symbol] WETLAND  
 [Line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 12



PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



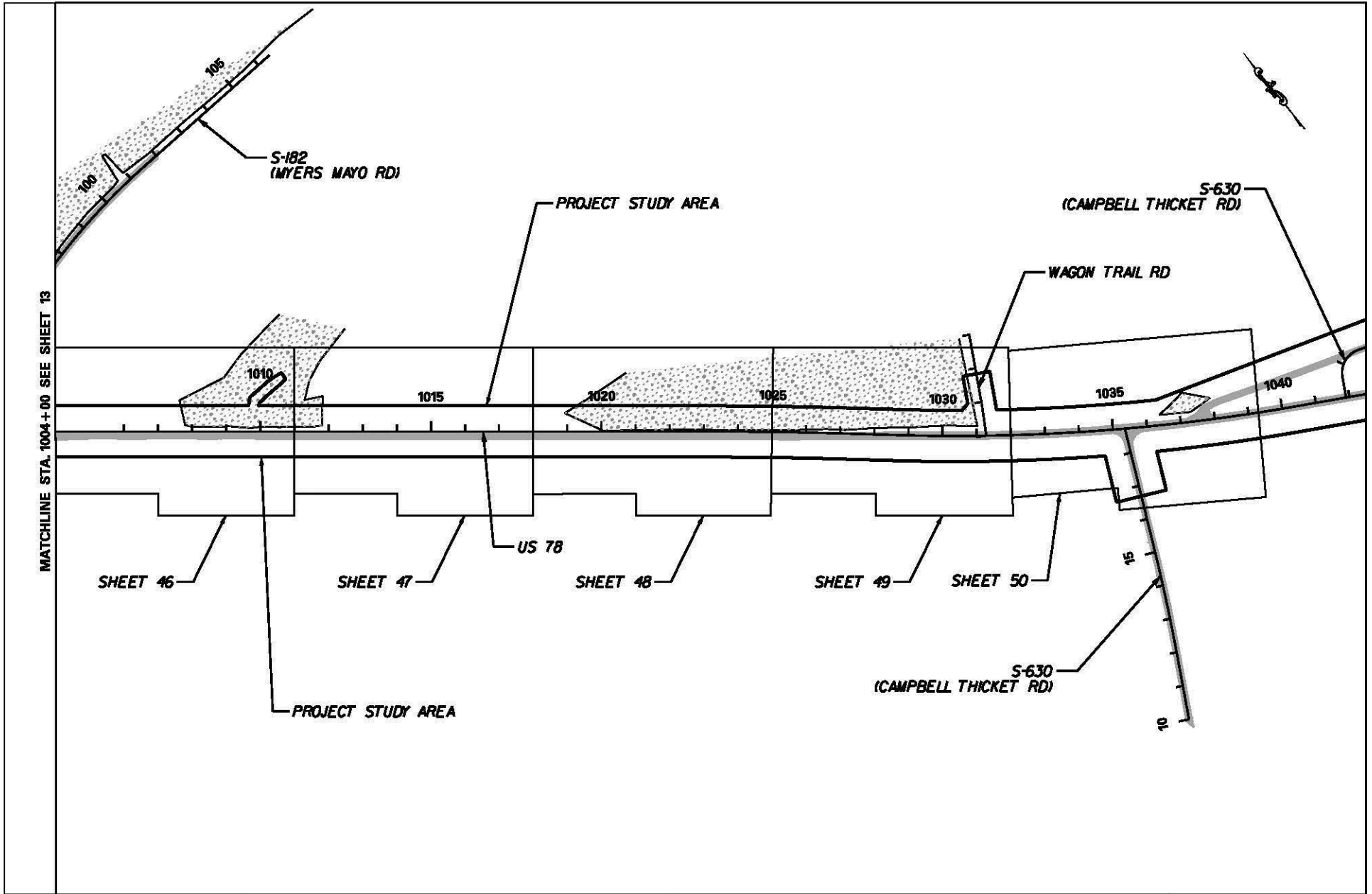
**LEGEND**

- EXISTING PAVEMENT
- WETLAND
- PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 13





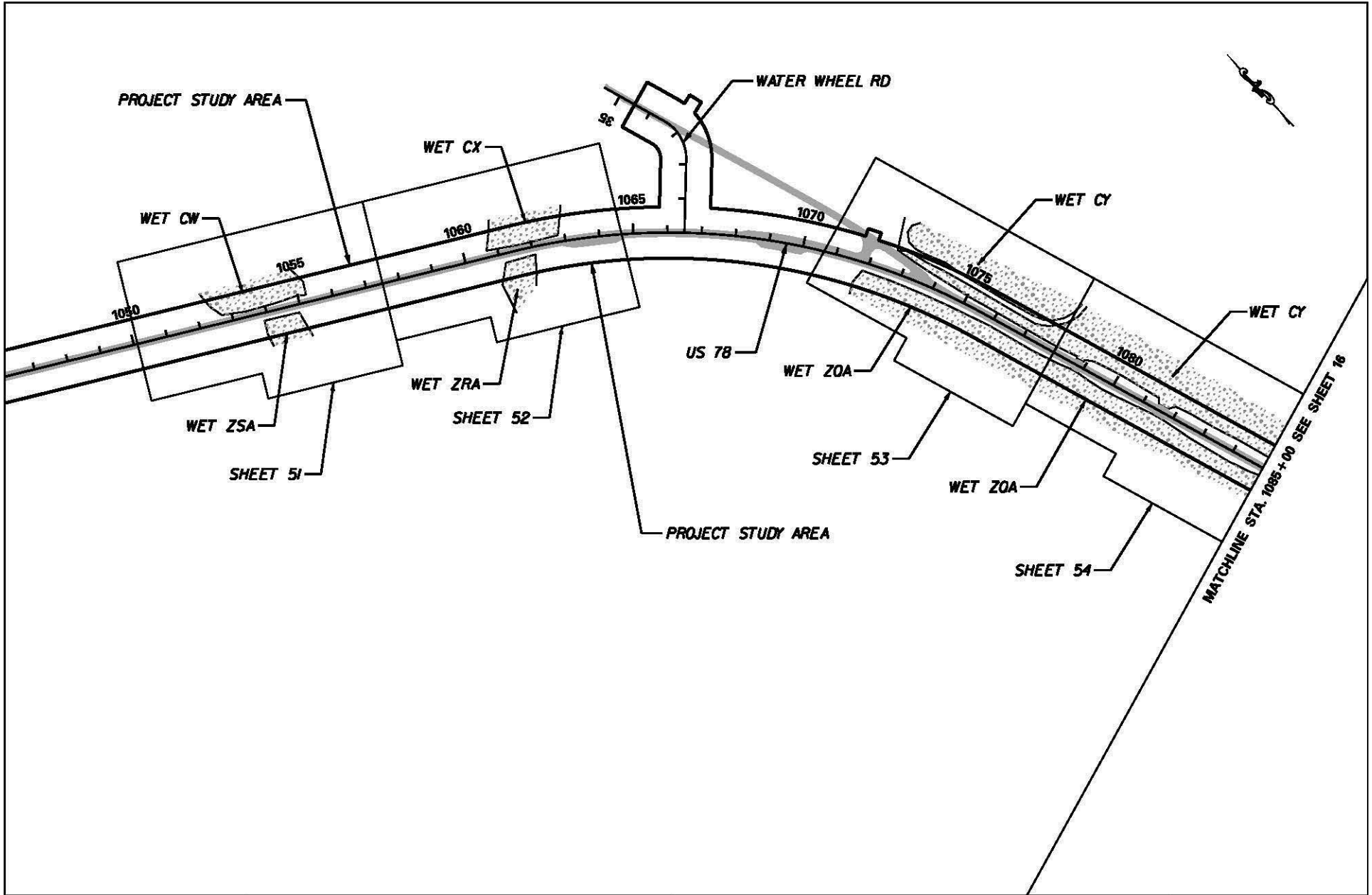
PREPARED BY:  
 DAVIS &  
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 CHARLESTON, SC



- LEGEND**
- EXISTING PAVEMENT
  - WETLAND
  - PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 14



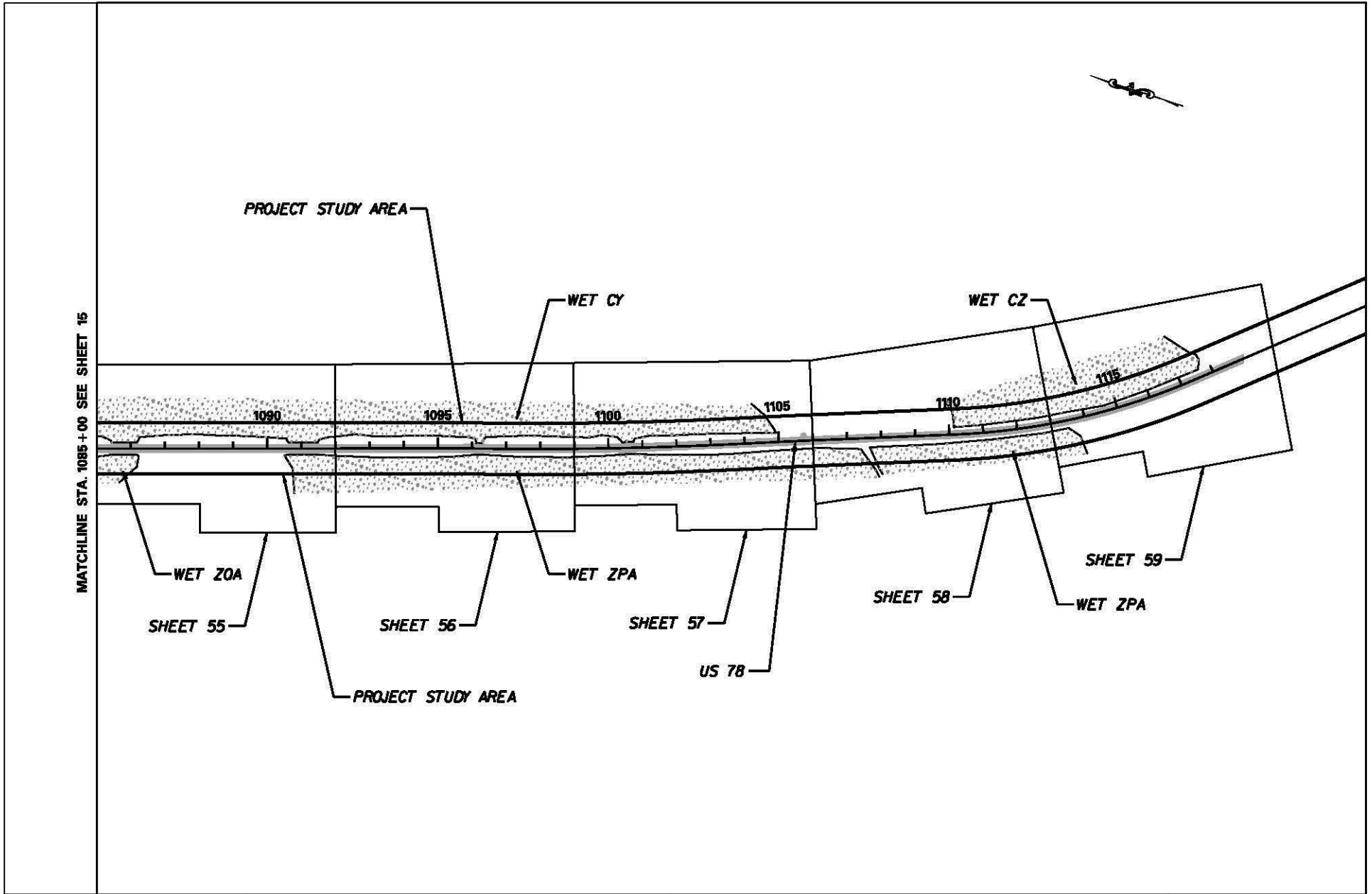
PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



**LEGEND**  
 [Shaded Box] EXISTING PAVEMENT  
 [Hatched Box] WETLAND  
 [Solid Line] PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

SHEET 15



PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC

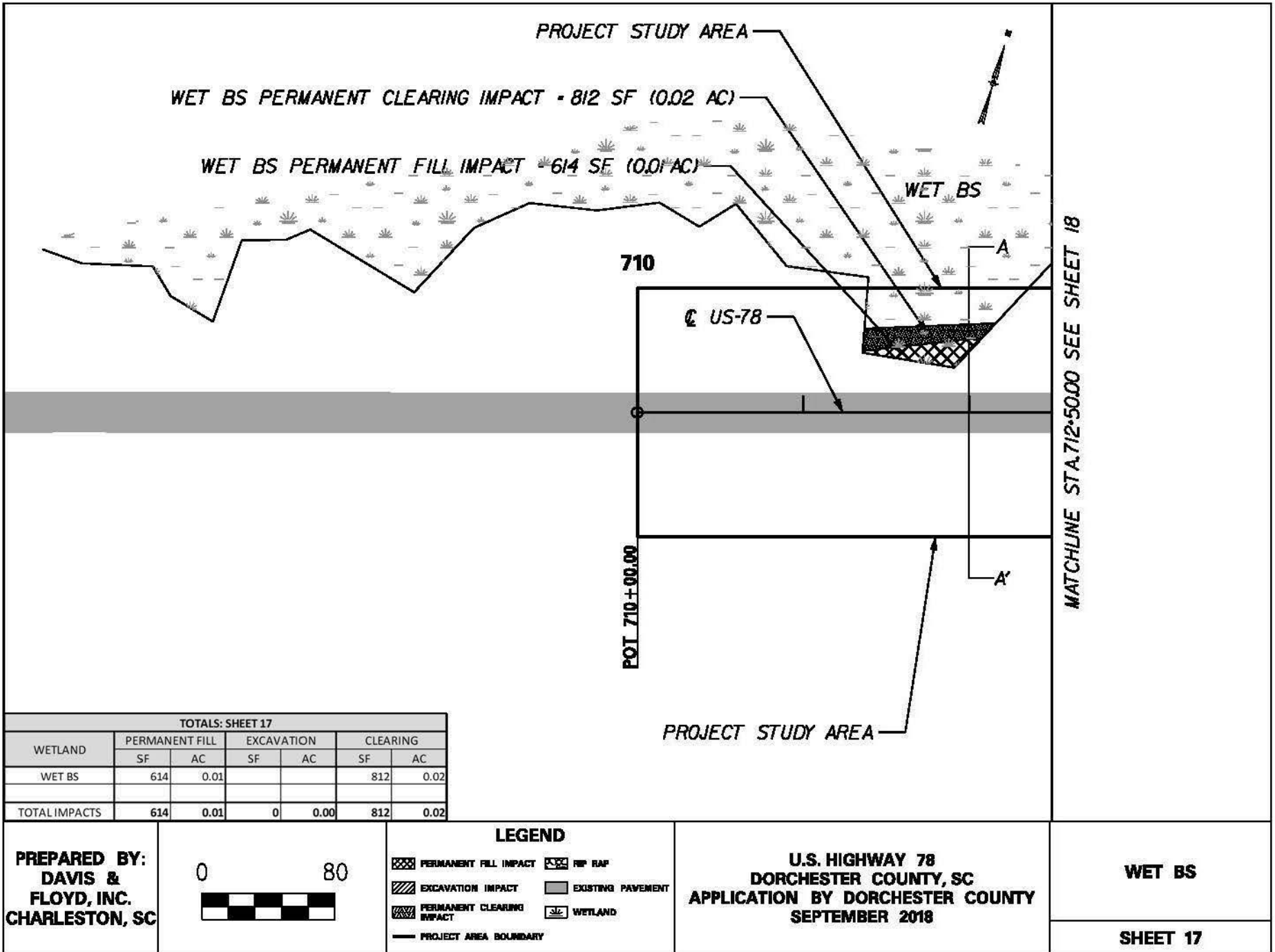


**LEGEND**

-  EXISTING PAVEMENT
-  WETLAND
-  PROJECT AREA BOUNDARY

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
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 SEPTEMBER 2018

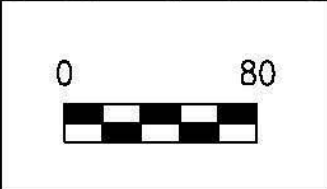
SHEET 16



TOTALS: SHEET 17

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BS	614	0.01			812	0.02
TOTAL IMPACTS	614	0.01	0	0.00	812	0.02

**PREPARED BY:  
DAVIS &  
FLOYD, INC.  
CHARLESTON, SC**



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

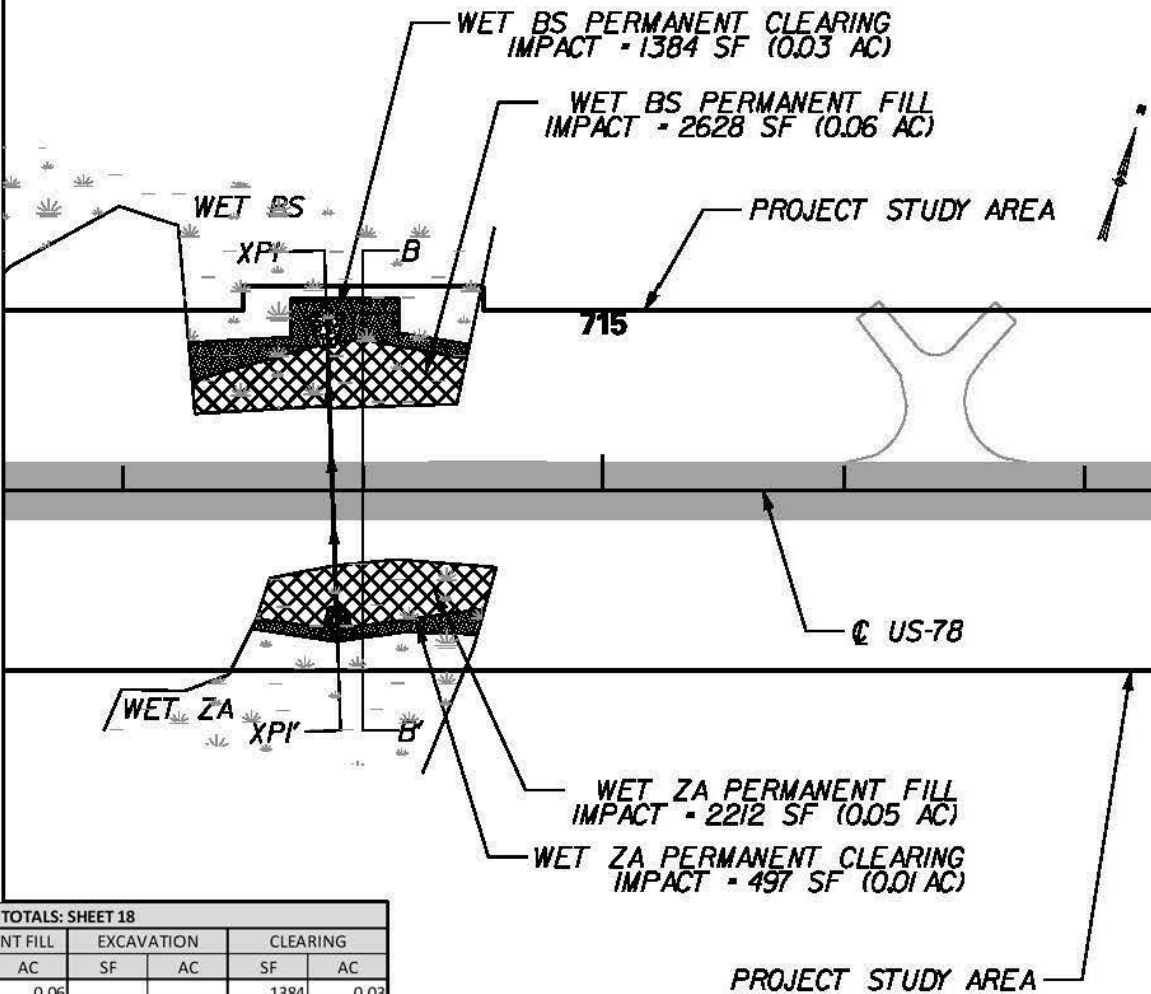
**WET BS**

---

**SHEET 17**

MATCHLINE STA.712+50.00 SEE SHEET 17

MATCHLINE STA.717+50.00 SEE SHEET 19



TOTALS: SHEET 18

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BS	2628	0.06			1384	0.03
WET ZA	2212	0.05			497	0.01
TOTAL IMPACTS	4840	0.11	0	0.00	1881	0.04

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LEGEND

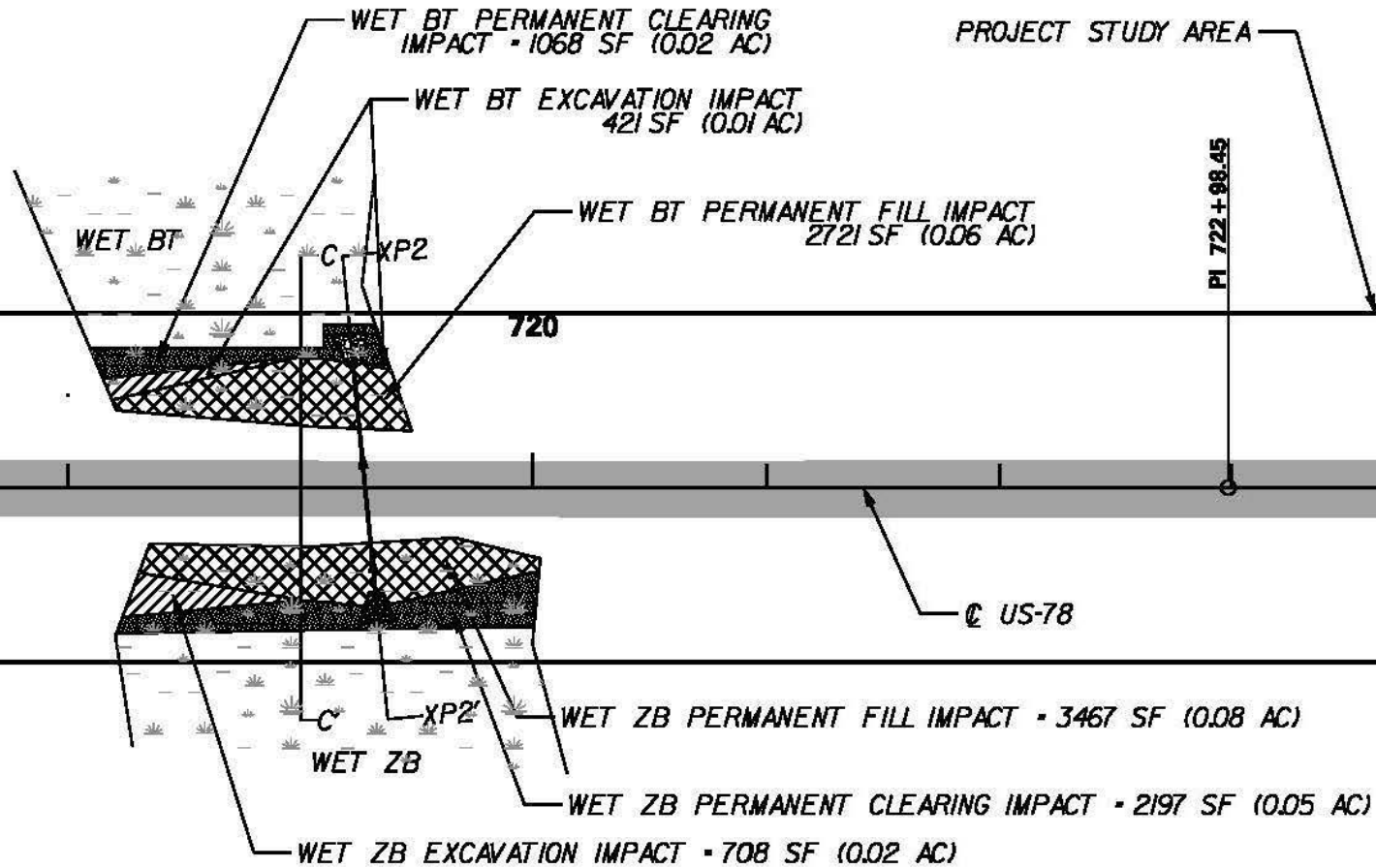
- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

U.S. HIGHWAY 78  
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APPLICATION BY DORCHESTER COUNTY  
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WET: BS, ZA

SHEET 18

MATCHLINE STA. 717+50.00 SEE SHEET 18



TOTALS: SHEET 19

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BT	2721	0.06	421	0.01	1068	0.02
WET ZB	3467	0.08	708	0.02	2197	0.05
TOTAL IMPACTS	6188	0.14	1129	0.03	3265	0.07

PROJECT STUDY AREA

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CHARLESTON, SC**



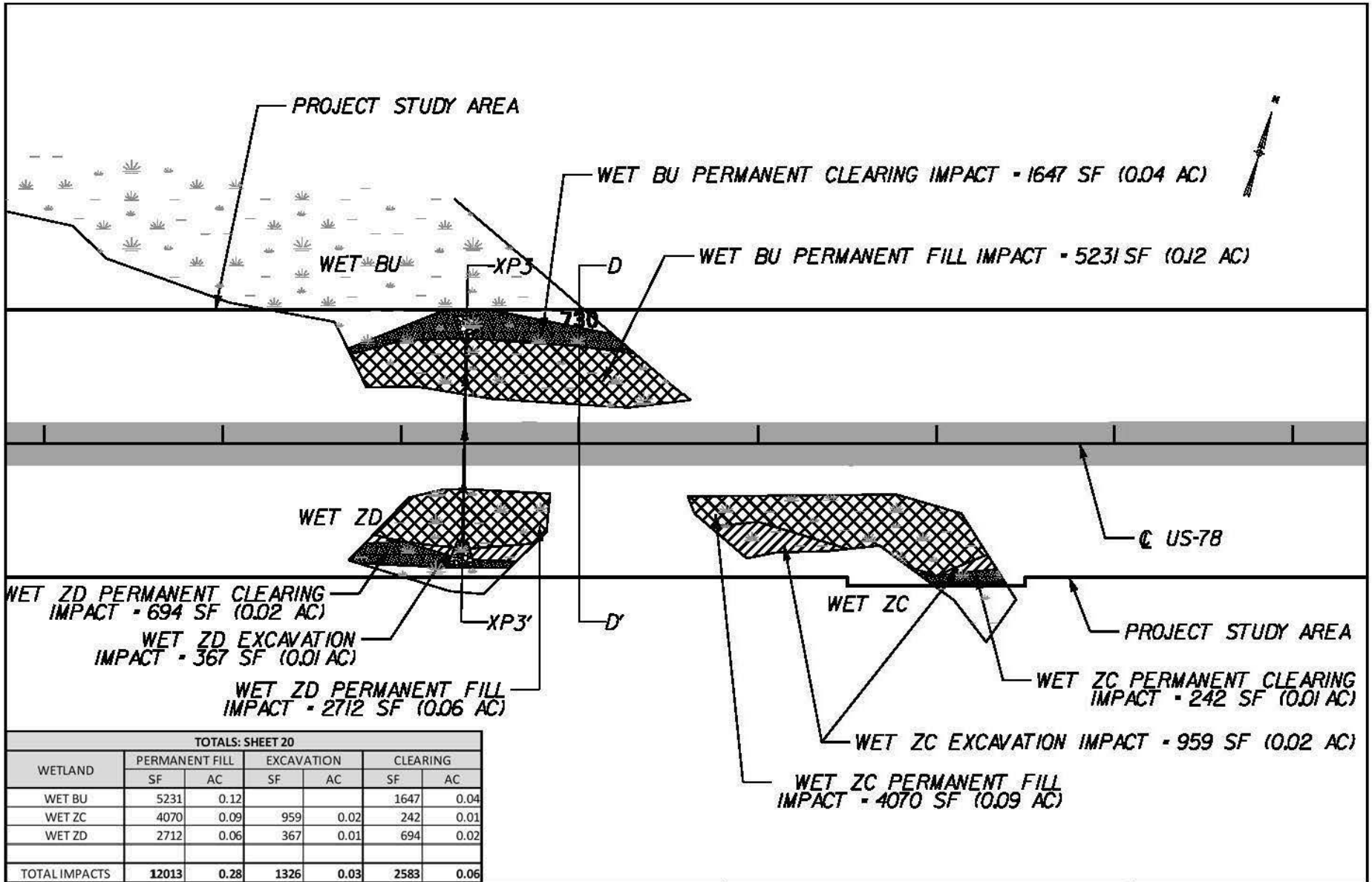
**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

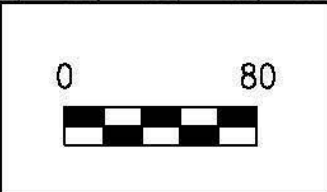
**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: BT, ZB**

**SHEET 19**



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**LEGEND**

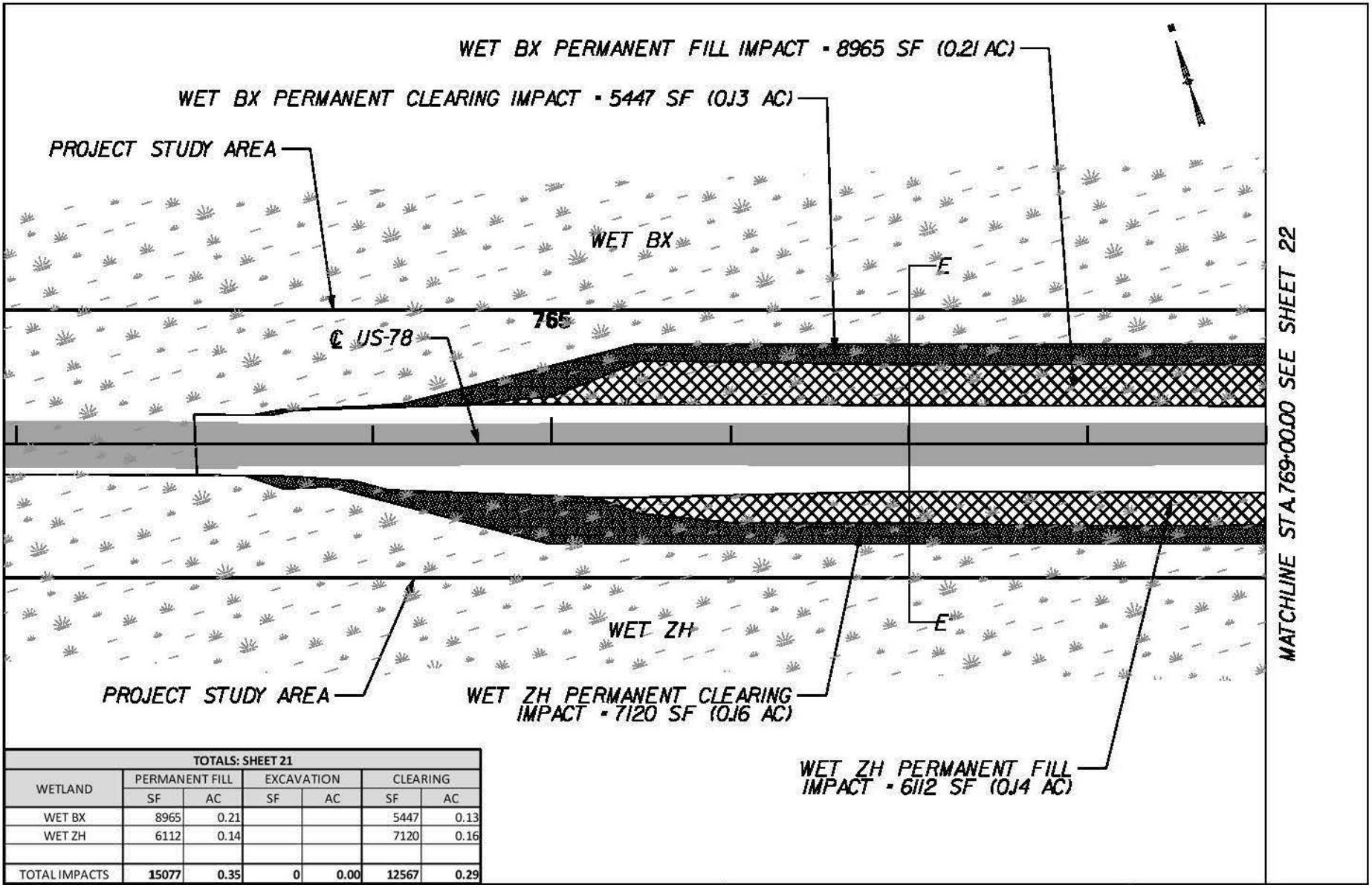
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: BU, ZC, ZD**

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**SHEET 20**



TOTALS: SHEET 21

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BX	8965	0.21			5447	0.13
WET ZH	6112	0.14			7120	0.16
<b>TOTAL IMPACTS</b>	<b>15077</b>	<b>0.35</b>	<b>0</b>	<b>0.00</b>	<b>12567</b>	<b>0.29</b>

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CHARLESTON, SC**



**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

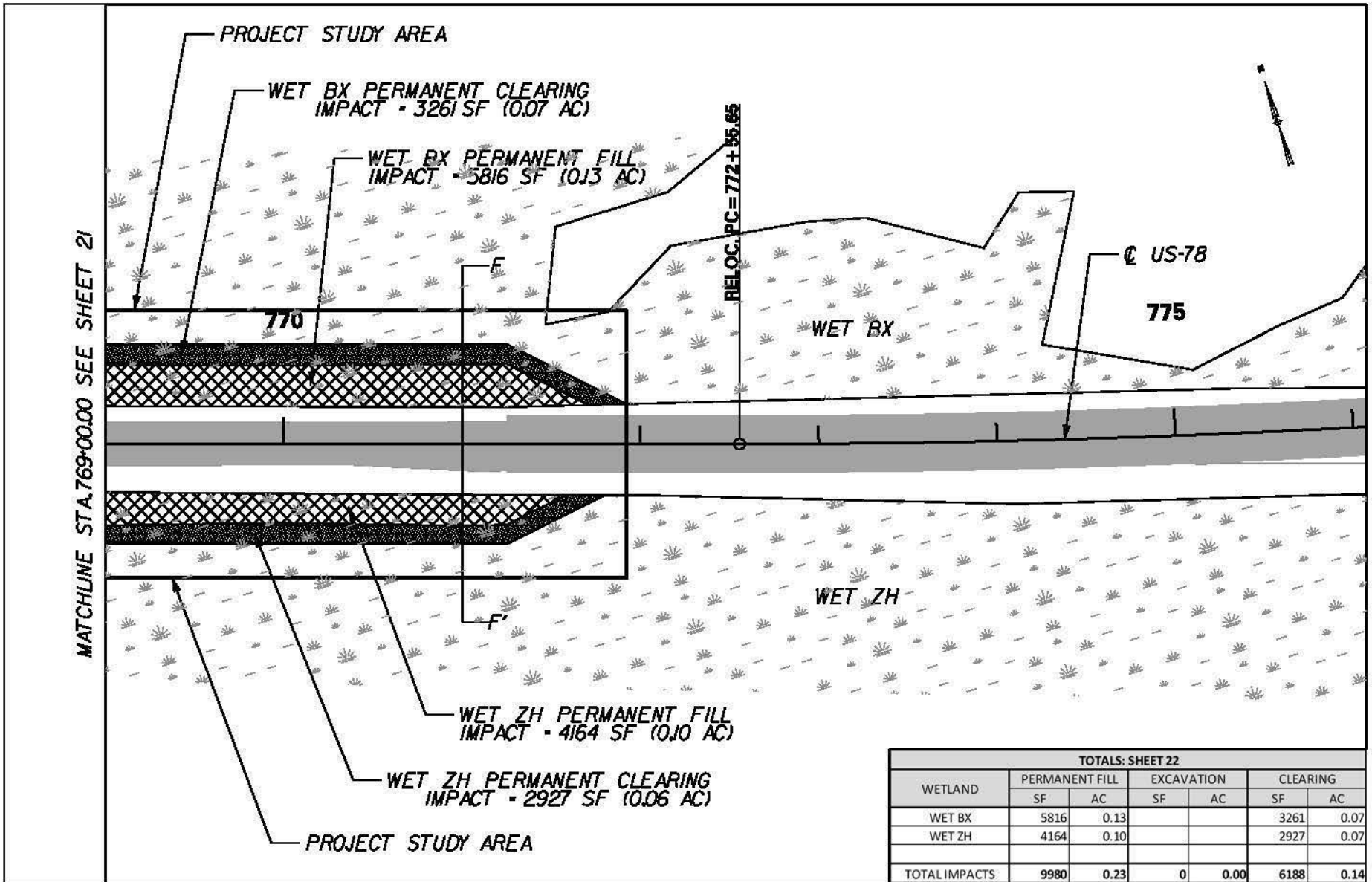
**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: BX, ZH**

**SHEET 21**

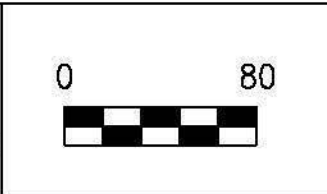
MATCHLINE STA. 769+00.00 SEE SHEET 22





TOTALS: SHEET 22						
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BX	5816	0.13			3261	0.07
WET ZH	4164	0.10			2927	0.07
TOTAL IMPACTS	9980	0.23	0	0.00	6188	0.14

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**LEGEND**

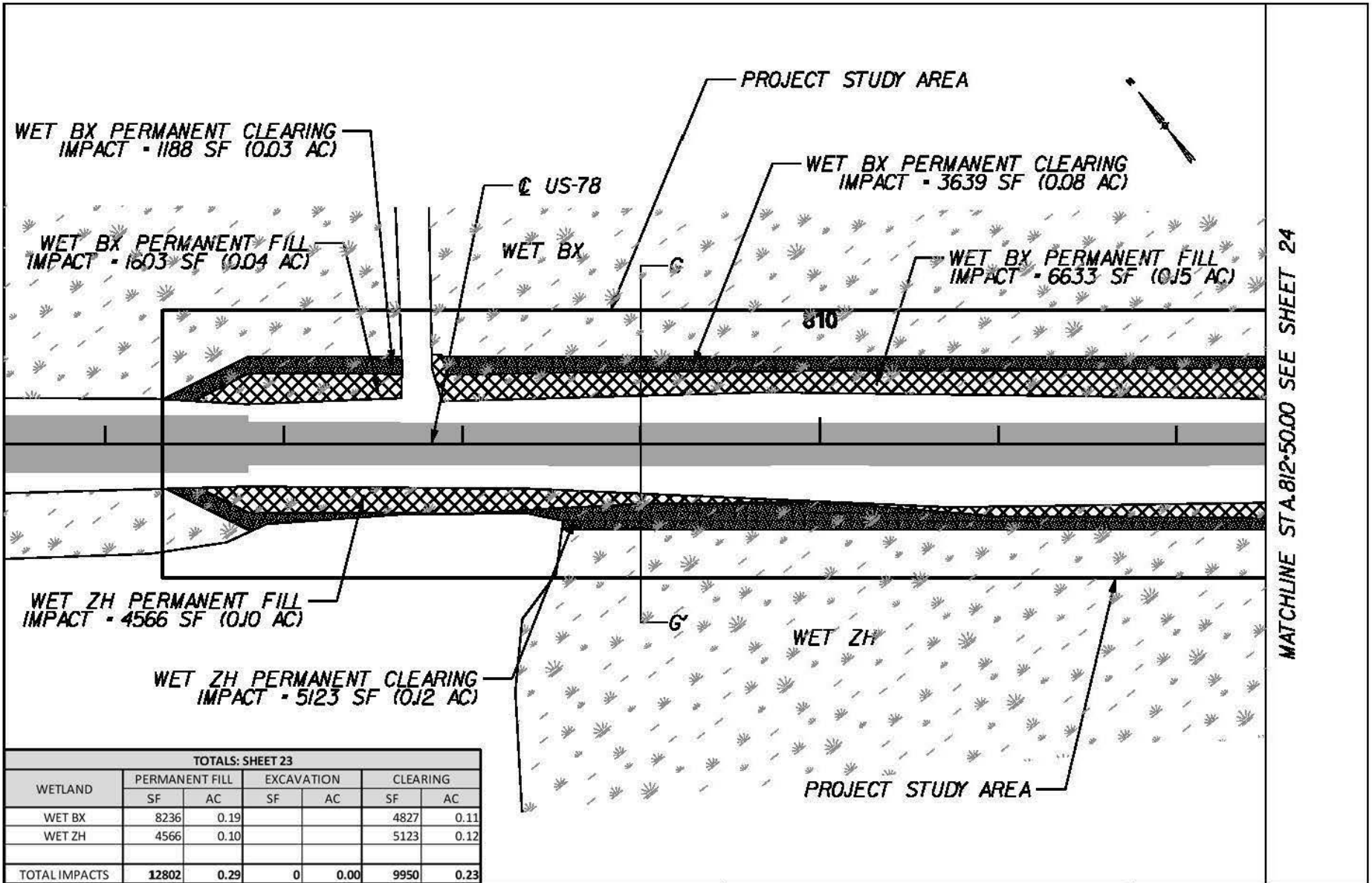
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

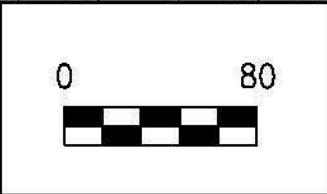
**WET: BX, ZH**

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**SHEET 22**



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**LEGEND**

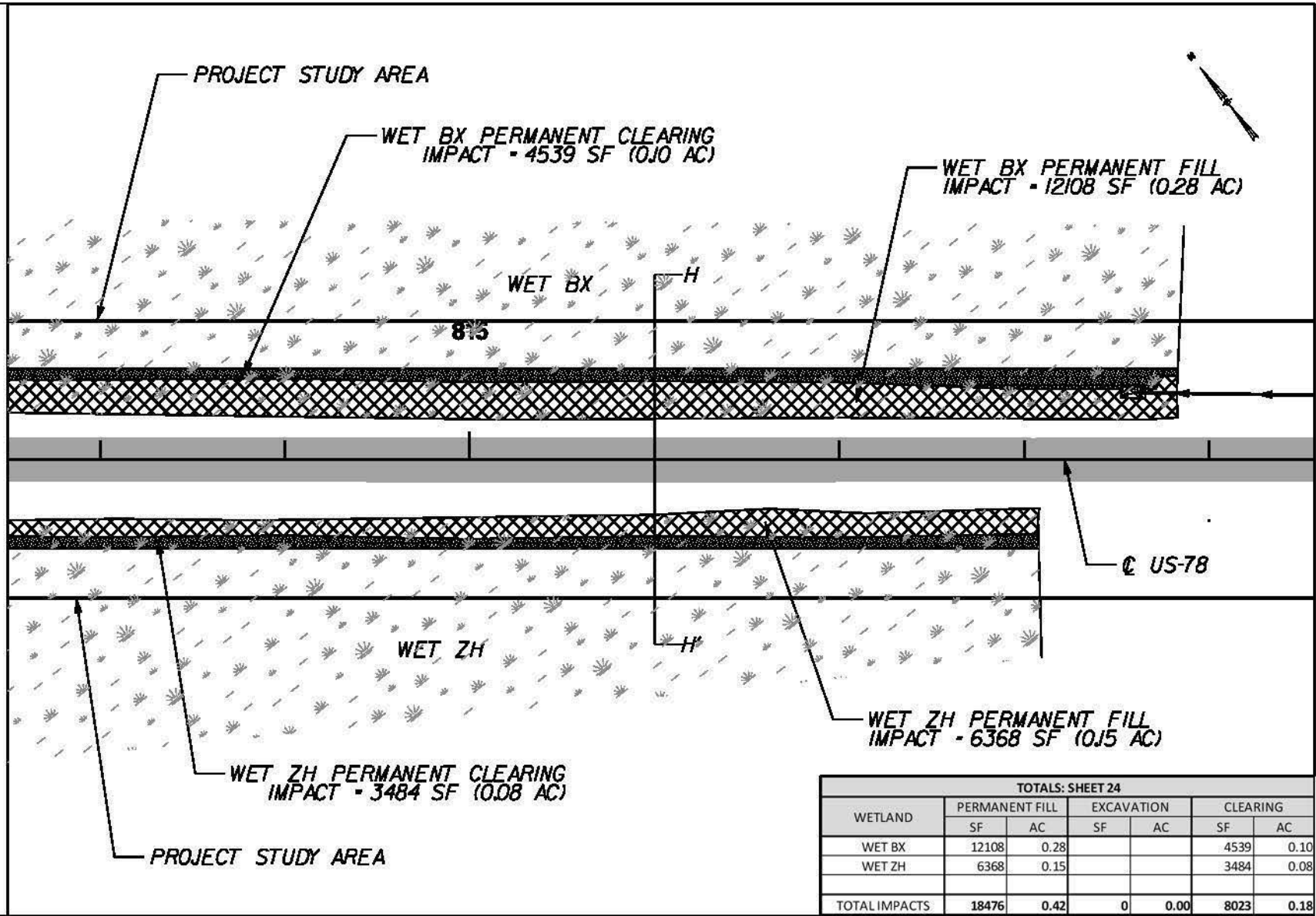
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: BX, ZH

SHEET 23

MATCHLINE STA. 812+50.00 SEE SHEET 23



TOTALS: SHEET 24						
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BX	12108	0.28			4539	0.10
WET ZH	6368	0.15			3484	0.08
TOTAL IMPACTS	18476	0.42	0	0.00	8023	0.18

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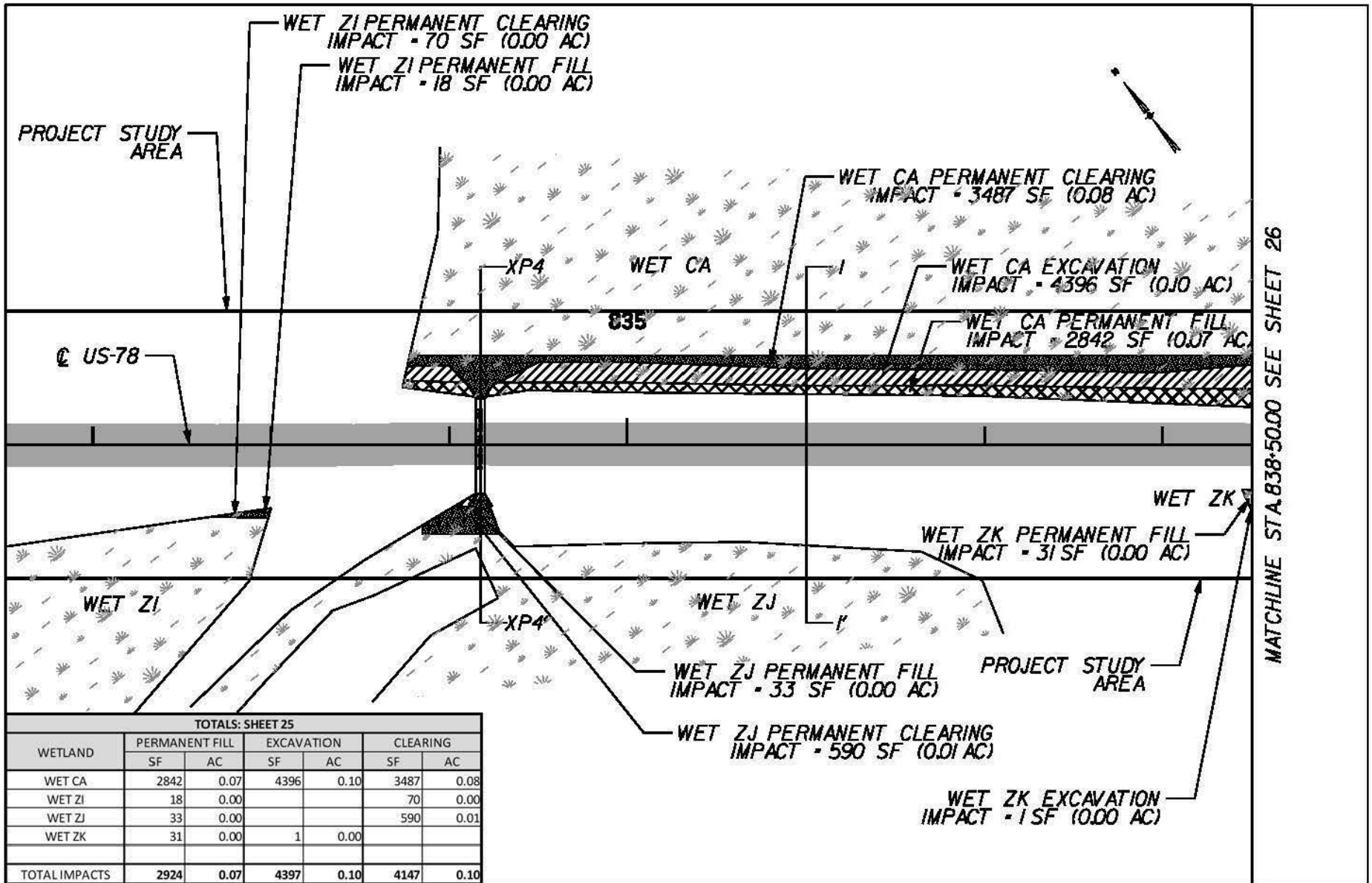
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

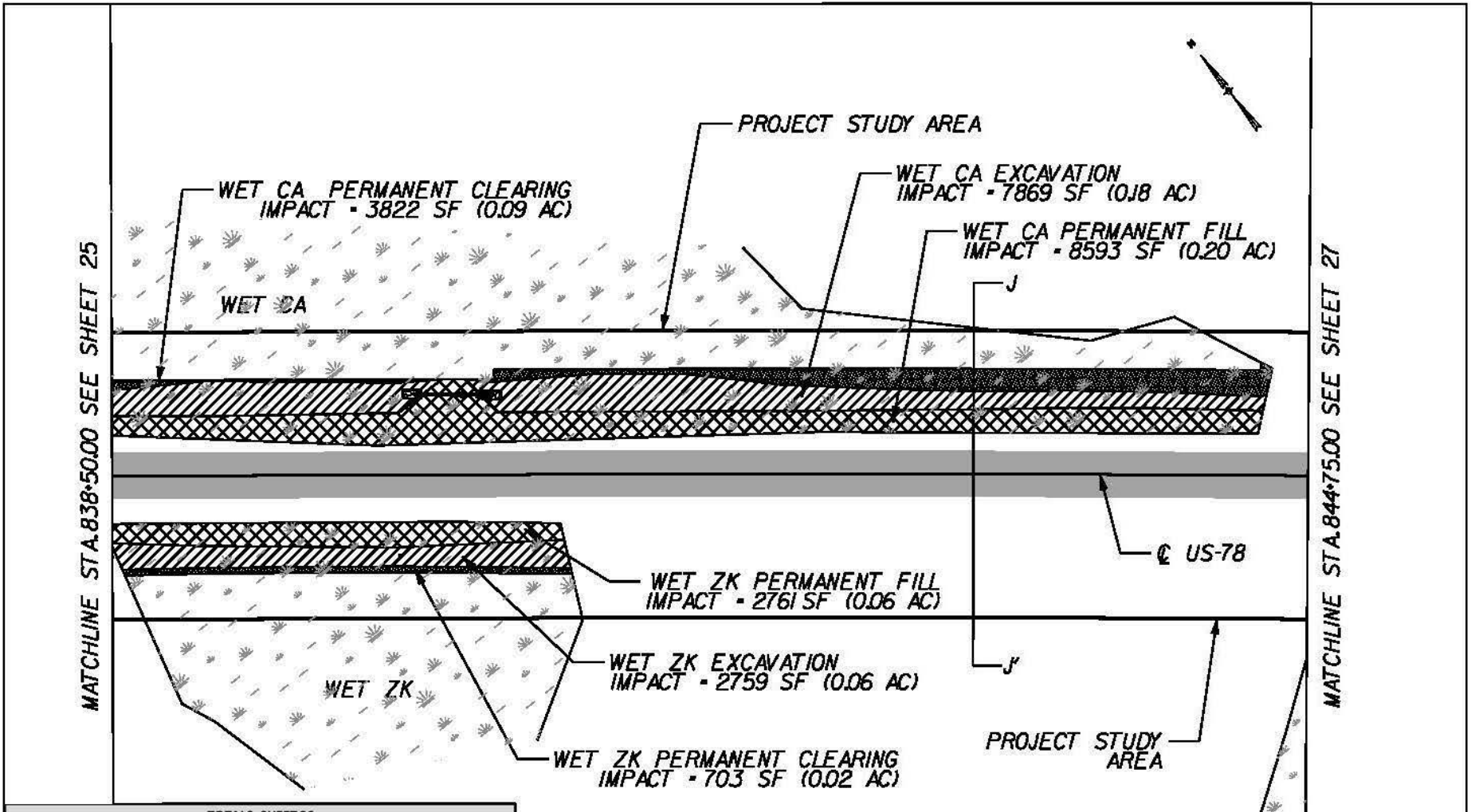
**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
**APPLICATION BY DORCHESTER COUNTY**  
**SEPTEMBER 2018**

**WET: BX, ZH**

**SHEET 24**



<b>PREPARED BY:</b> <b>DAVIS &amp; FLOYD, INC.</b> <b>CHARLESTON, SC</b>		<b>LEGEND</b> 	<b>U.S. HIGHWAY 78</b> <b>DORCHESTER COUNTY, SC</b> <b>APPLICATION BY DORCHESTER COUNTY</b> <b>SEPTEMBER 2018</b>	<b>WET: CA, ZI, ZJ, ZK</b>
				<b>SHEET 25</b>



MATCHLINE STA. 838+50.00 SEE SHEET 25

MATCHLINE STA. 844+75.00 SEE SHEET 27

**TOTALS: SHEET 26**

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CA	8593	0.20	7869	0.18	3822	0.09
WET ZK	2761	0.06	2759	0.06	703	0.02
<b>TOTAL IMPACTS</b>	<b>11354</b>	<b>0.26</b>	<b>10628</b>	<b>0.24</b>	<b>4525</b>	<b>0.10</b>

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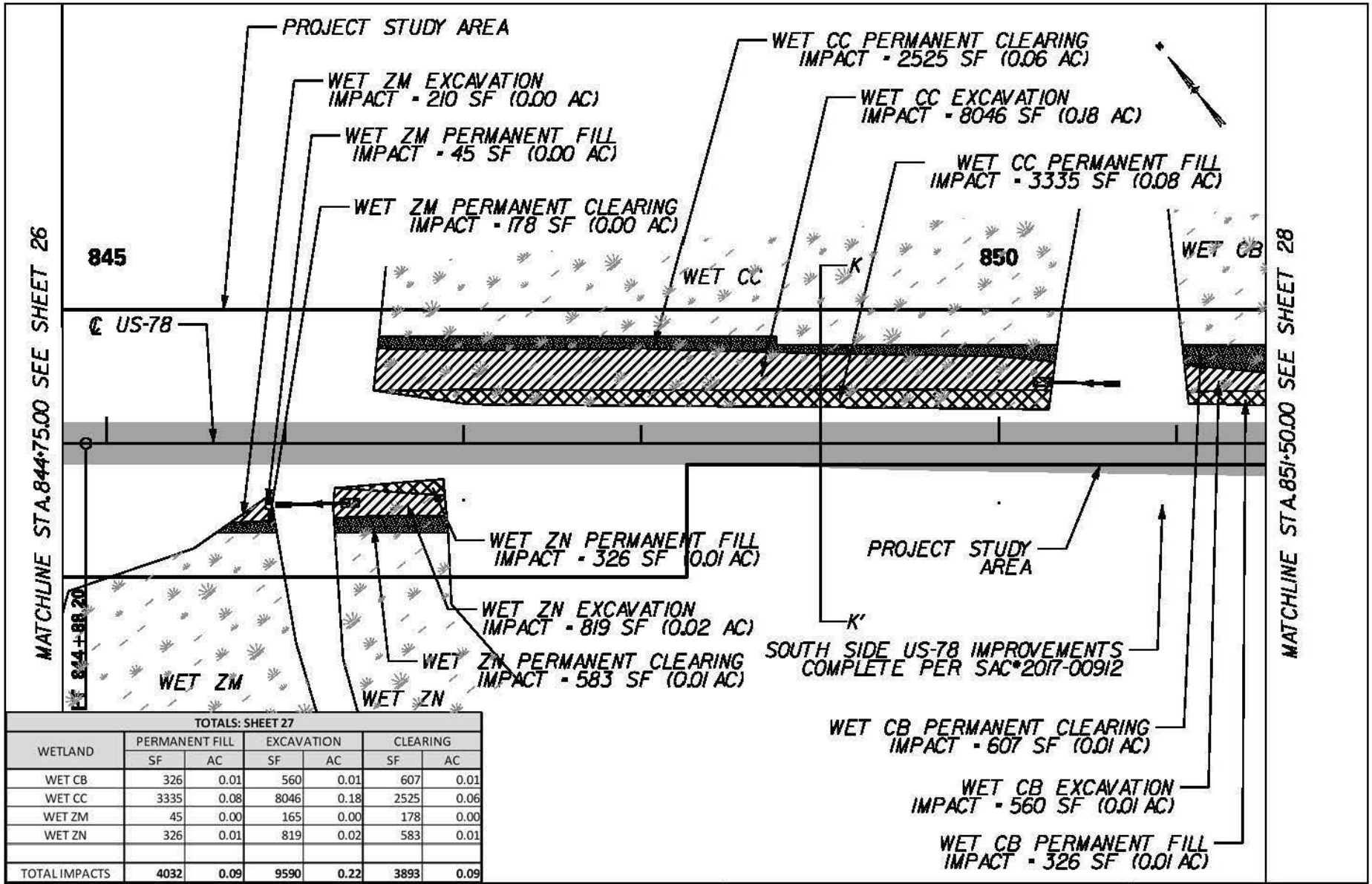
**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

**U.S. HIGHWAY 78  
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APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

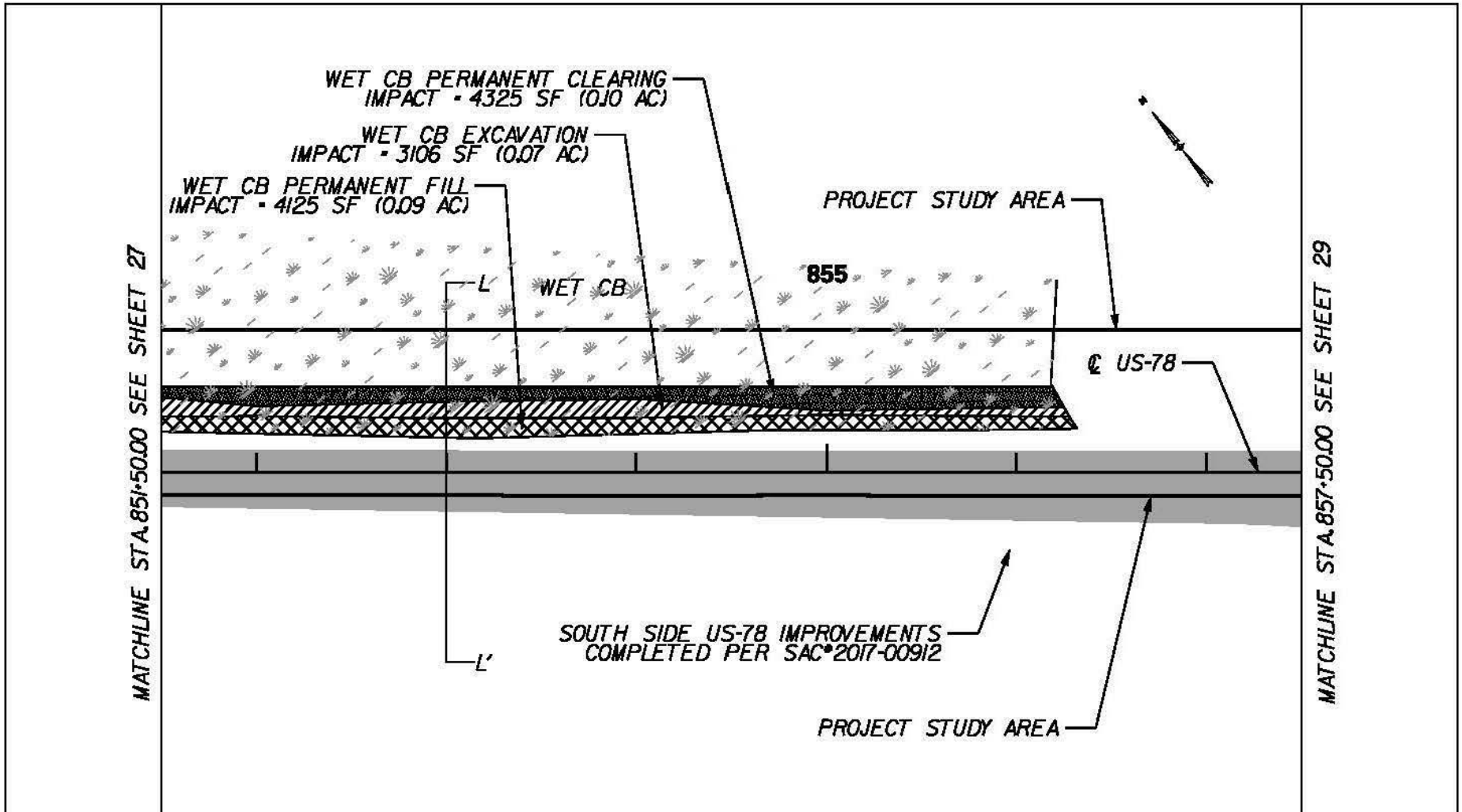
**WET: CA, ZK**

**SHEET 26**



TOTALS: SHEET 27

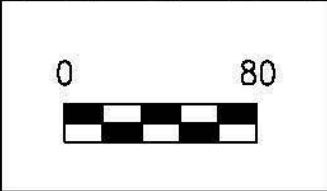
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CB	326	0.01	560	0.01	607	0.01
WET CC	3335	0.08	8046	0.18	2525	0.06
WET ZM	45	0.00	165	0.00	178	0.00
WET ZN	326	0.01	819	0.02	583	0.01
TOTAL IMPACTS	4032	0.09	9590	0.22	3893	0.09



TOTALS: SHEET 28

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CB	4125	0.09	3106	0.07	4325	0.10
TOTAL IMPACTS	4125	0.09	3106	0.07	4325	0.10

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**LEGEND**

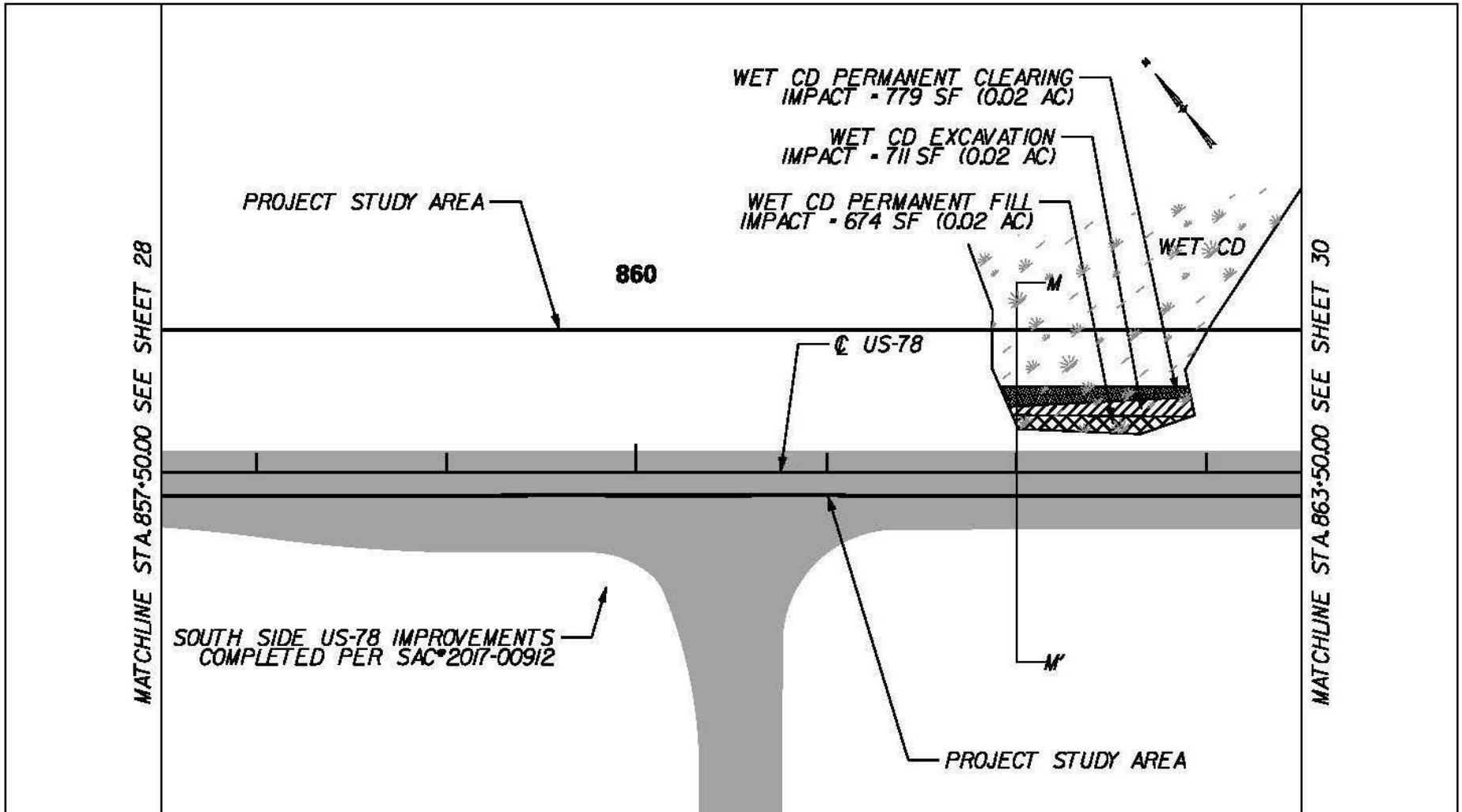
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

**WET: CB**

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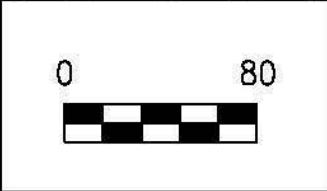
**SHEET 28**



TOTALS: SHEET 29

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CD	674	0.02	711	0.02	779	0.02
TOTAL IMPACTS	674	0.02	711	0.02	779	0.02

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**CHARLESTON, SC**



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

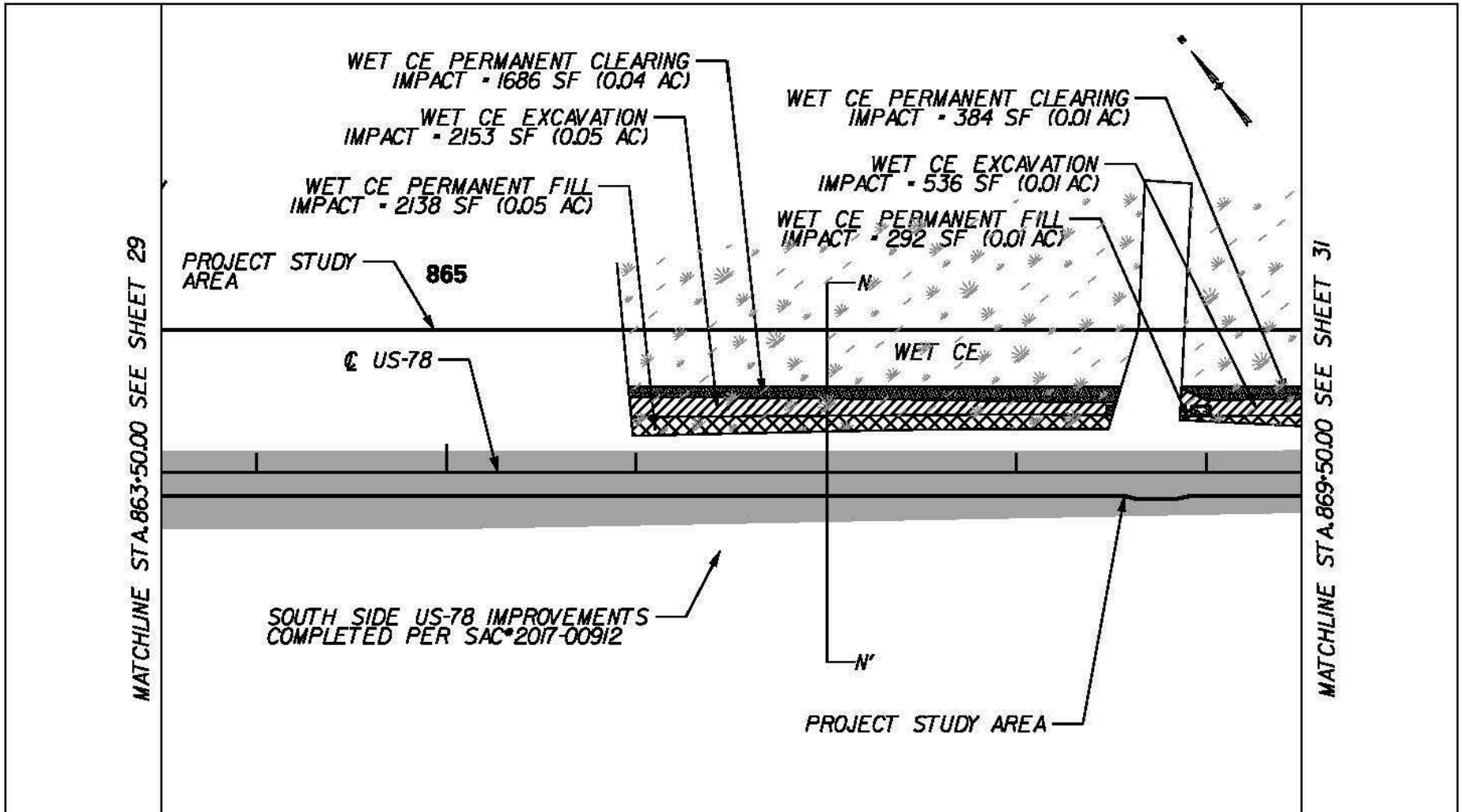
**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
**APPLICATION BY DORCHESTER COUNTY**  
**SEPTEMBER 2018**

**WET: CD**

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**SHEET 29**

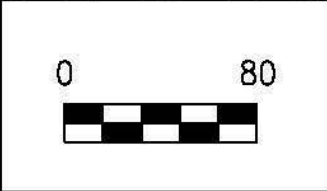




TOTALS: SHEET 30

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CE	2430	0.06	2689	0.06	2070	0.05
TOTAL IMPACTS	2430	0.06	2689	0.06	2070	0.05

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**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

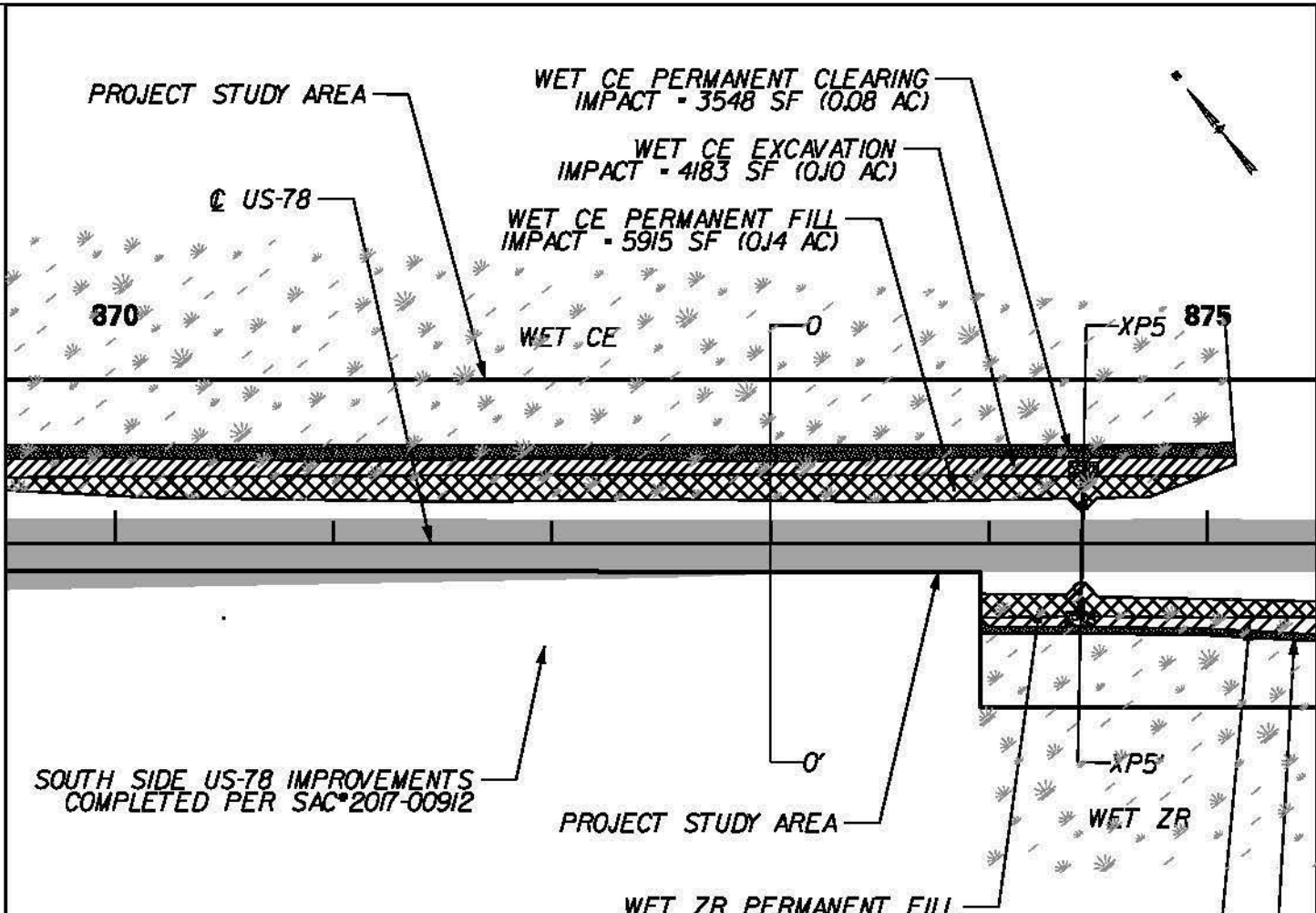
U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CE

SHEET 30

MATCHLINE STA. 869+50.00 SEE SHEET 30

MATCHLINE STA. 875+50.00 SEE SHEET 32



TOTALS: SHEET 31

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CE	5915	0.14	4183	0.10	3548	0.08
WET ZR	1481	0.03	765	0.02	477	0.01
TOTAL IMPACTS	7396	0.17	4948	0.11	4025	0.09

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**CHARLESTON, SC**



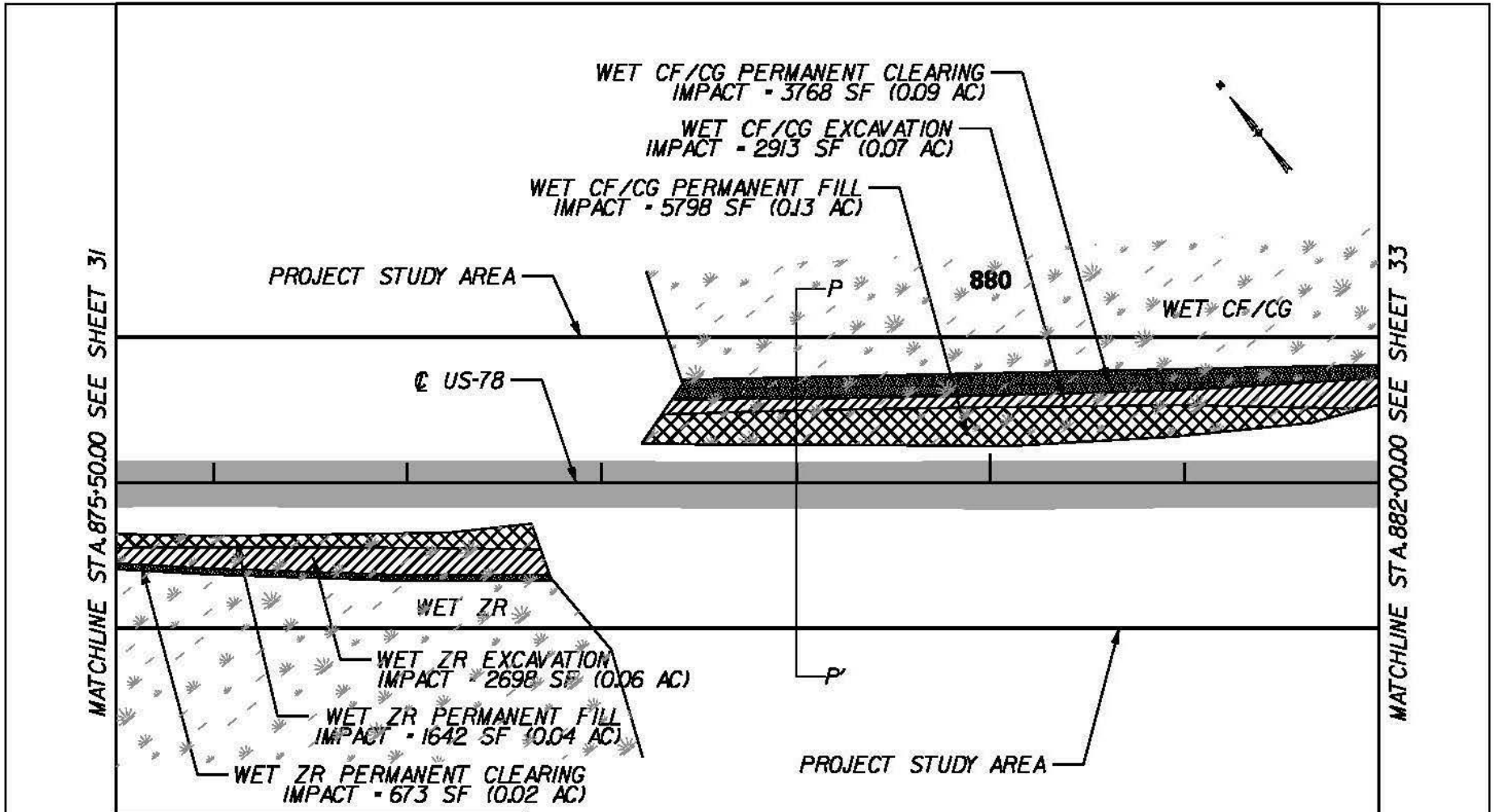
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
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**SEPTEMBER 2018**

**WET: CE, ZR**

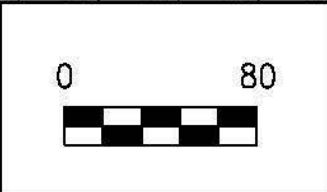
**SHEET 31**



TOTALS: SHEET 32

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CF/CG	5798	0.13	2913	0.07	3768	0.09
WET ZR	1642	0.04	2698	0.06	673	0.02
TOTAL IMPACTS	7440	0.17	5611	0.13	4441	0.10

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**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
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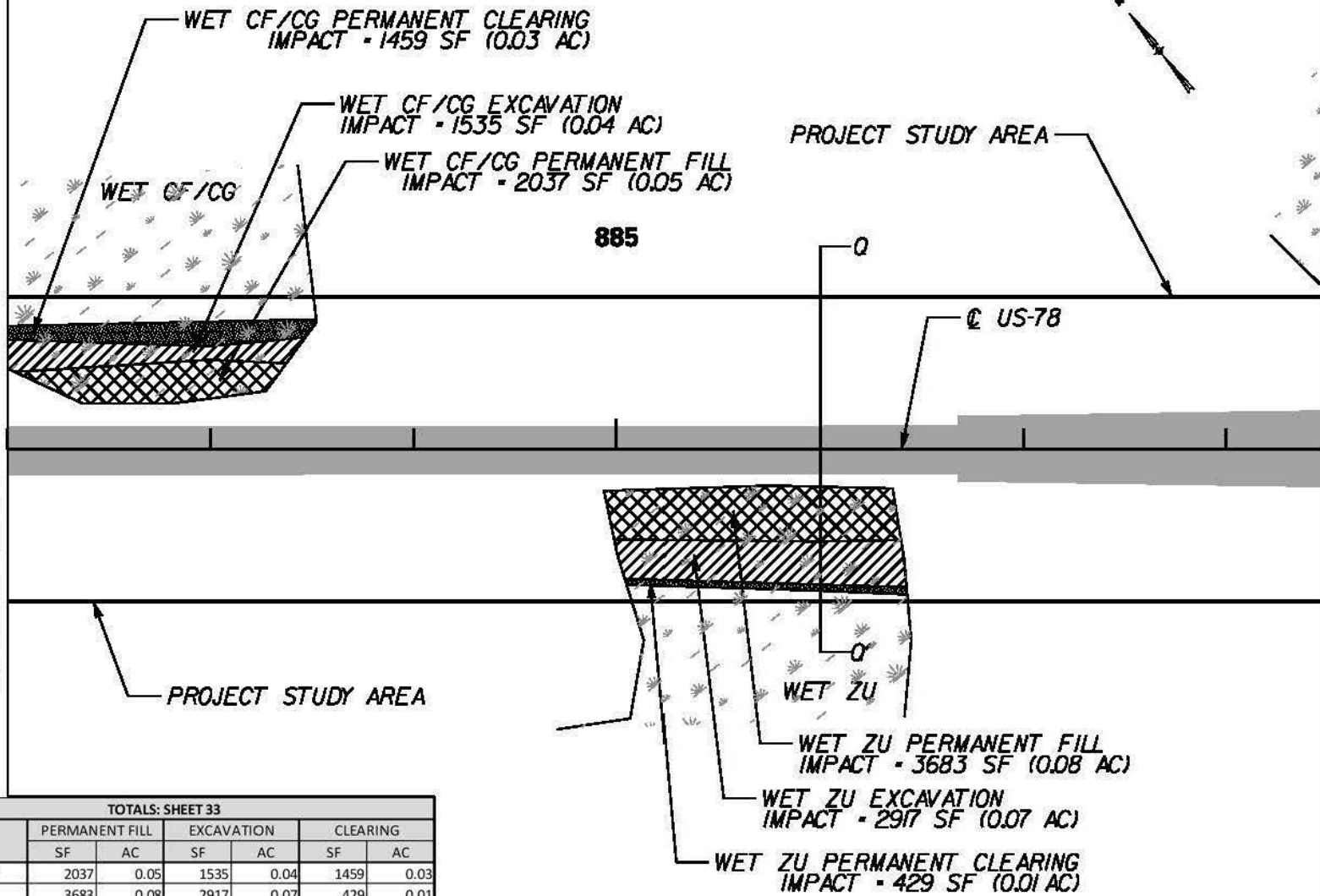
**WET: CF/CG, ZR**

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**SHEET 32**

MATCHLINE STA. 882+00.00 SEE SHEET 32

MATCHLINE STA. 888+50.00 SEE SHEET 34



TOTALS: SHEET 33

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CF/CG	2037	0.05	1535	0.04	1459	0.03
WET ZU	3683	0.08	2917	0.07	429	0.01
TOTAL IMPACTS	5720	0.13	4452	0.10	1888	0.04

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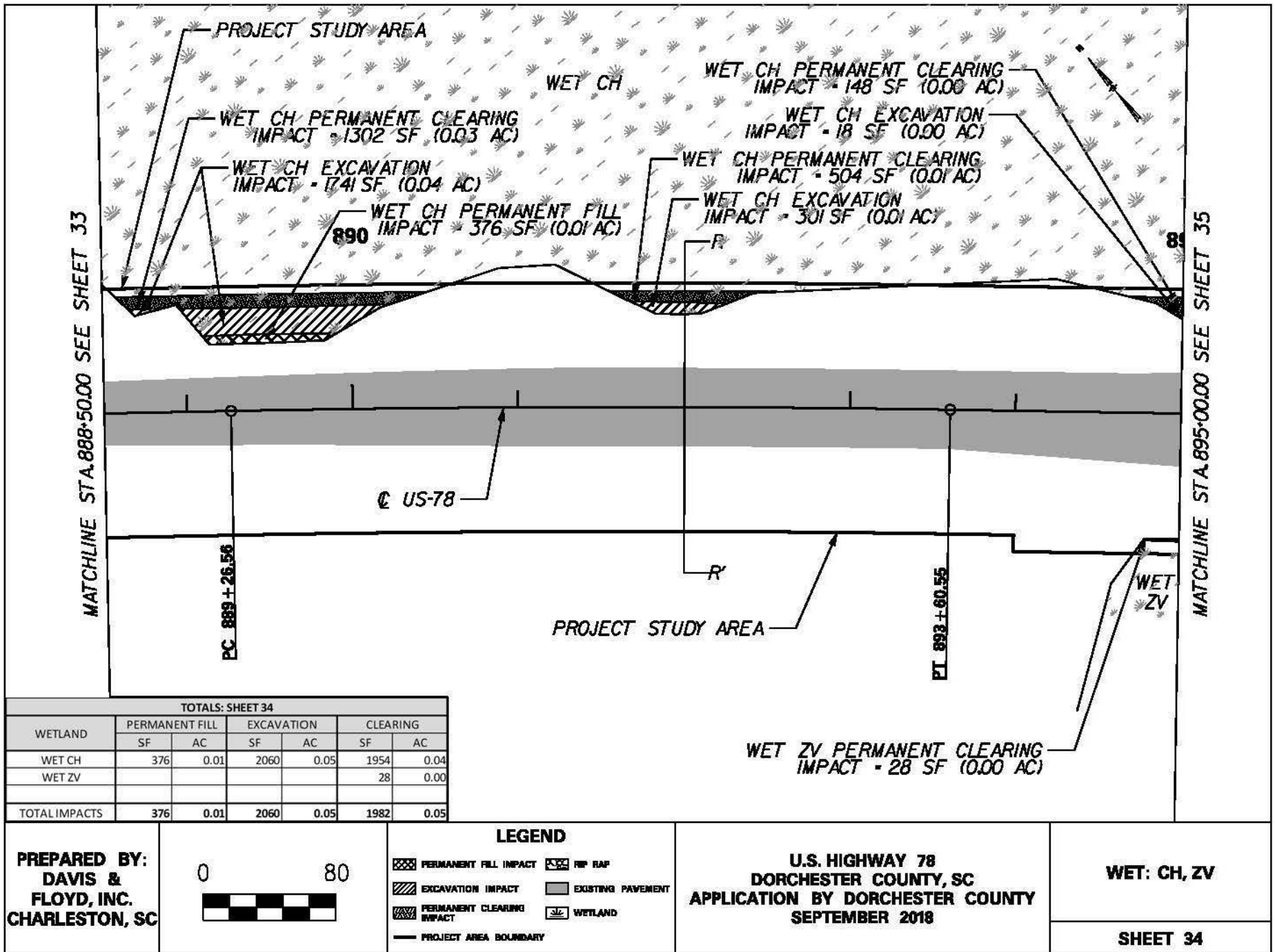
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
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SEPTEMBER 2018

WET: CF/CG, ZU

SHEET 33



MATCHLINE STA. 888+50.00 SEE SHEET 33

MATCHLINE STA. 895+00.00 SEE SHEET 35

TOTALS: SHEET 34

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CH	376	0.01	2060	0.05	1954	0.04
WET ZV					28	0.00
<b>TOTAL IMPACTS</b>	<b>376</b>	<b>0.01</b>	<b>2060</b>	<b>0.05</b>	<b>1982</b>	<b>0.05</b>

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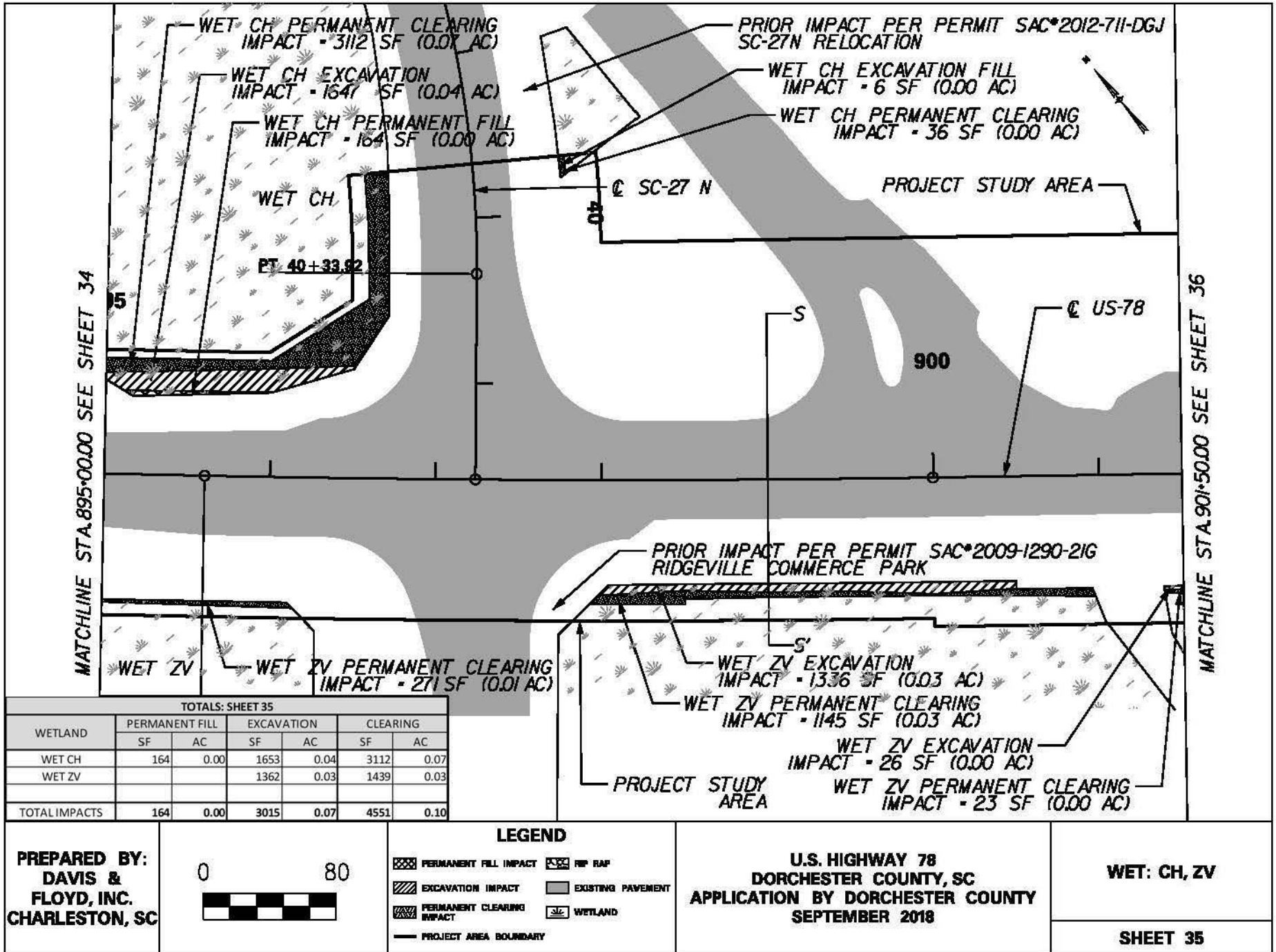
**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: CH, ZV**

**SHEET 34**



TOTALS: SHEET 35

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CH	164	0.00	1653	0.04	3112	0.07
WET ZV			1362	0.03	1439	0.03
TOTAL IMPACTS	164	0.00	3015	0.07	4551	0.10

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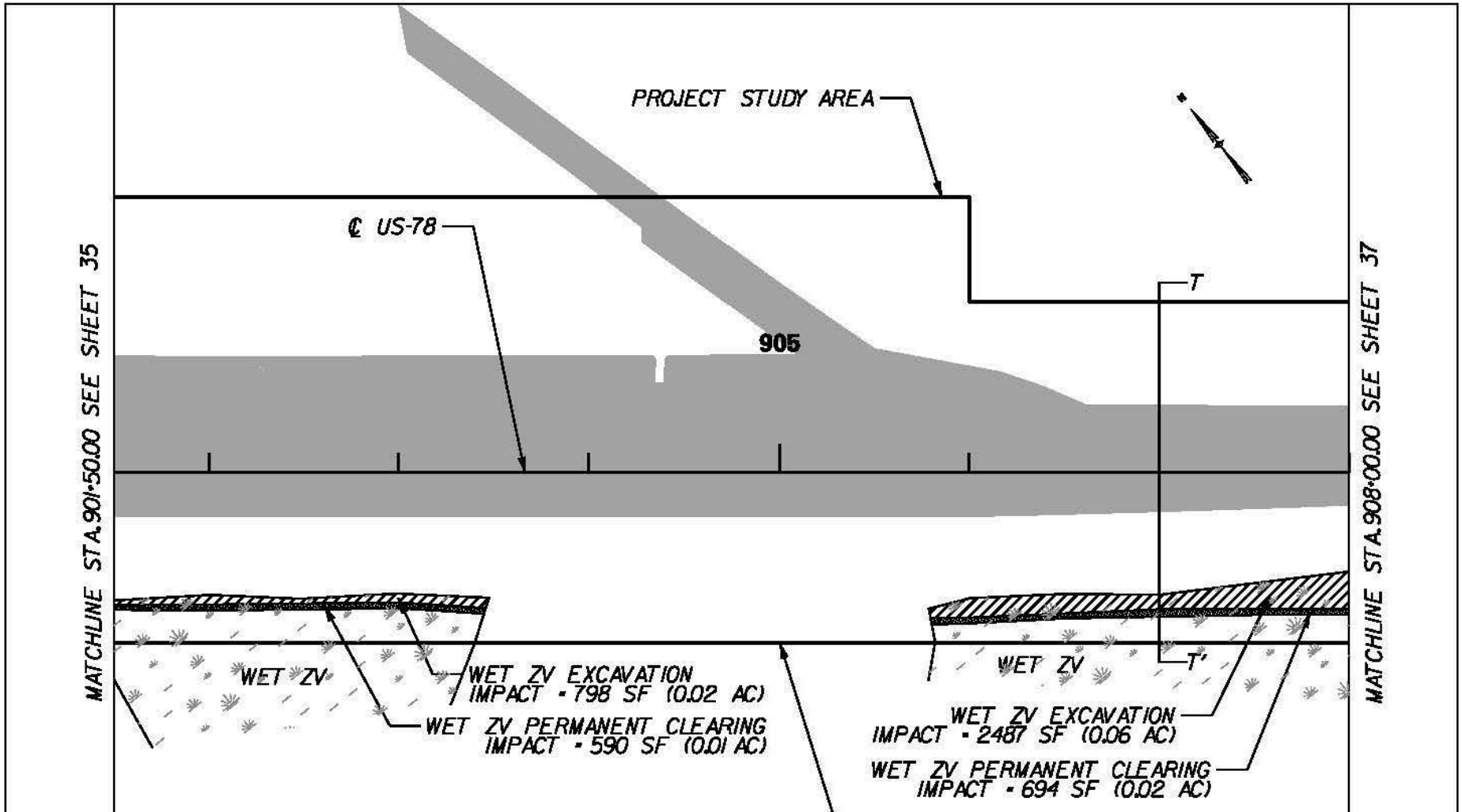
LEGEND

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CH, ZV

SHEET 35



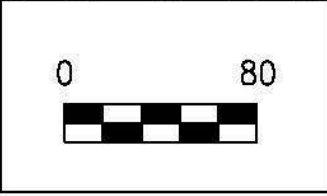
MATCHLINE STA. 901+50.00 SEE SHEET 35

MATCHLINE STA. 908+00.00 SEE SHEET 37

TOTALS: SHEET 36

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET ZV			3285	0.08	1284	0.03
TOTAL IMPACTS	0	0.00	3285	0.08	1284	0.03

**PREPARED BY:**  
**DAVIS & FLOYD, INC.**  
**CHARLESTON, SC**



**LEGEND**

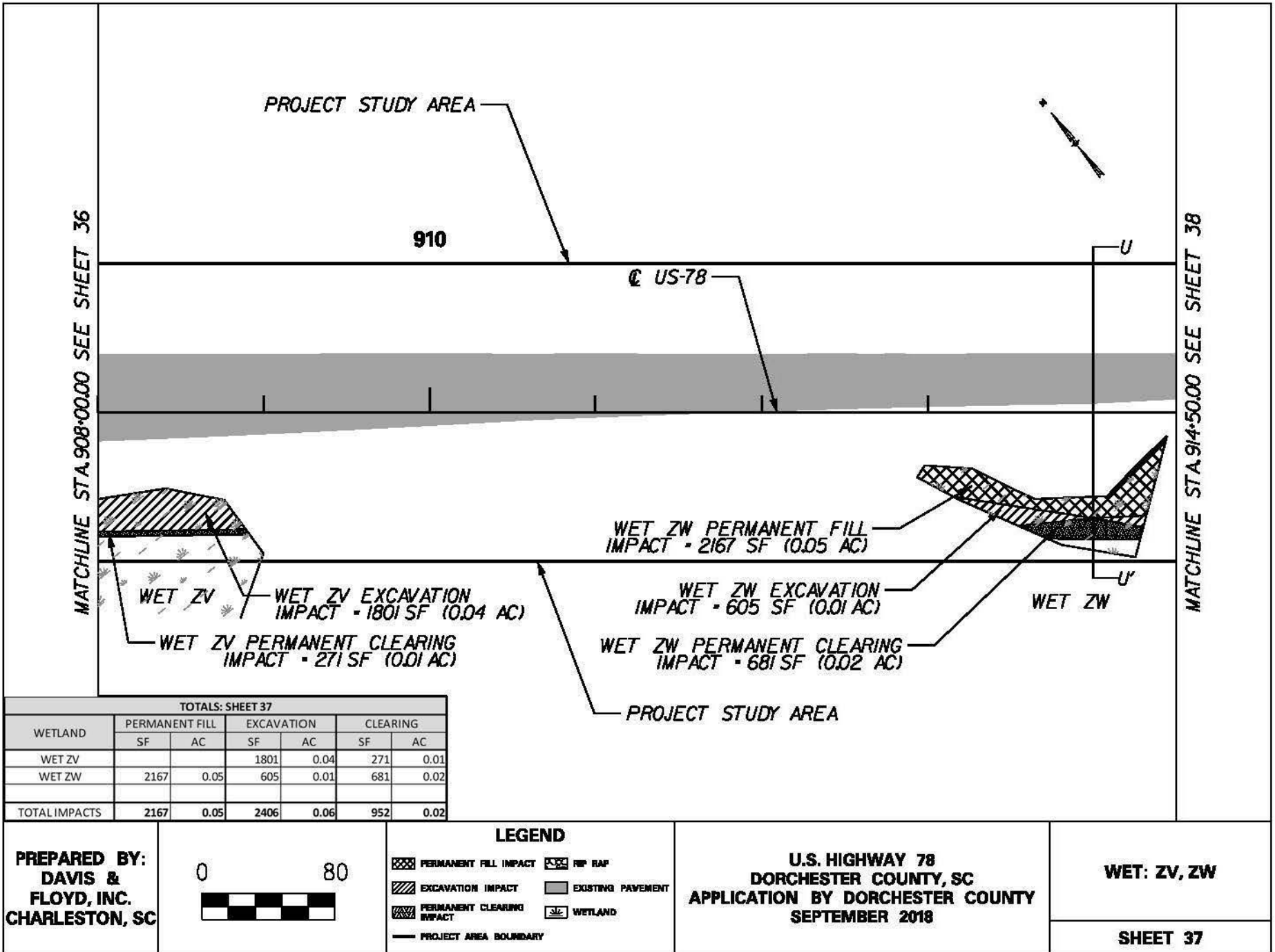
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
**APPLICATION BY DORCHESTER COUNTY**  
**SEPTEMBER 2018**

**WET: ZV**

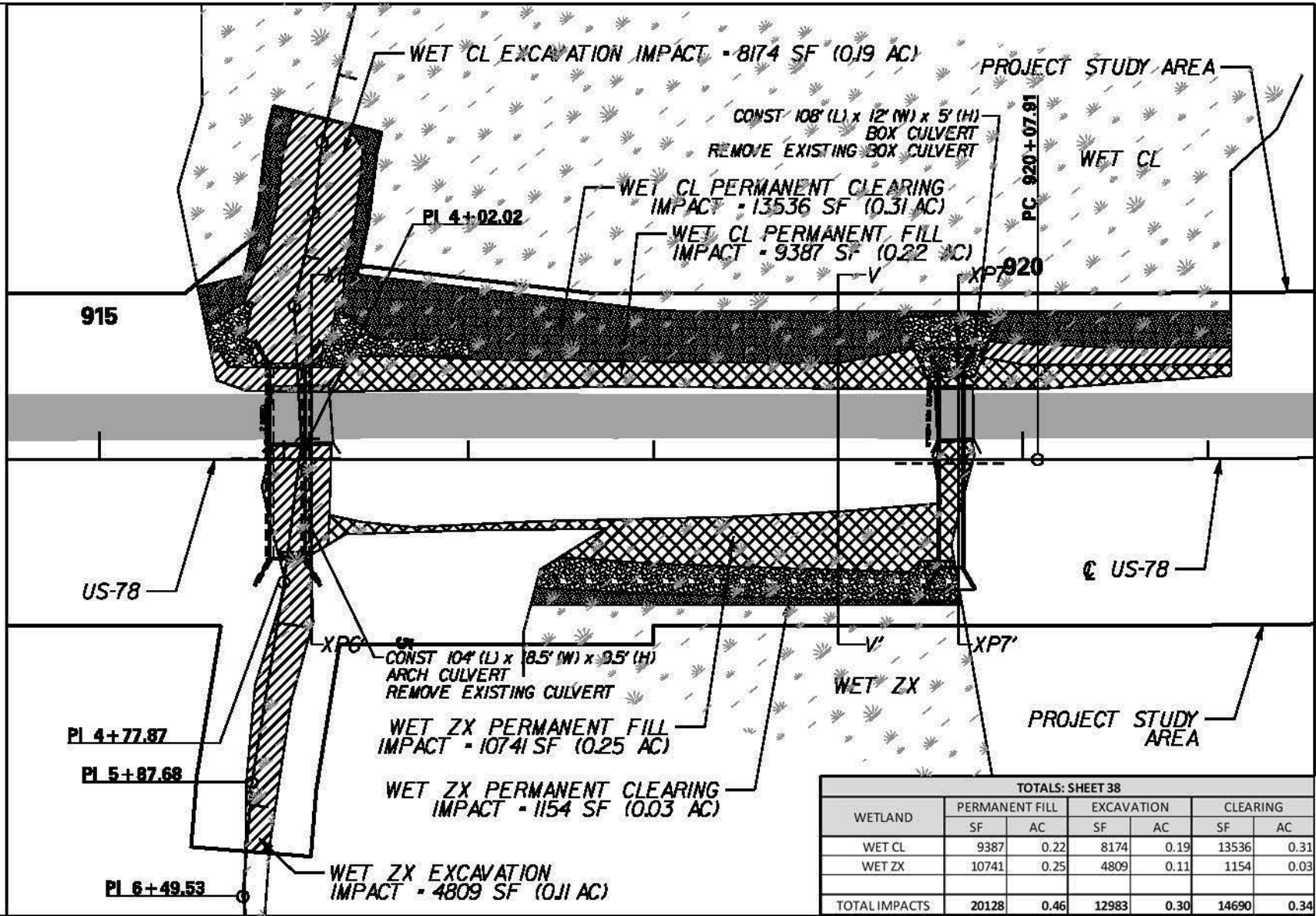
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**SHEET 36**





MATCHLINE STA 914+50.00 SEE SHEET 37



WET CL EXCAVATION IMPACT - 8174 SF (0.19 AC)

CONST 108' (L) x 12' (W) x 5' (H)  
BOX CULVERT  
REMOVE EXISTING BOX CULVERT

WET CL PERMANENT CLEARING  
IMPACT - 13536 SF (0.31 AC)

WET CL PERMANENT FILL  
IMPACT - 9387 SF (0.22 AC)

CONST 104' (L) x 18.5' (W) x 9.5' (H)  
ARCH CULVERT  
REMOVE EXISTING CULVERT

WET ZX PERMANENT FILL  
IMPACT - 10741 SF (0.25 AC)

WET ZX PERMANENT CLEARING  
IMPACT - 1154 SF (0.03 AC)

WET ZX EXCAVATION  
IMPACT - 4809 SF (0.11 AC)

PROJECT STUDY AREA

WET CL

PC 920+07.91

XP7 920

915

US-78

US-78

PI 4+77.87

PI 5+87.68

PI 6+49.53

PROJECT STUDY AREA

TOTALS: SHEET 38

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CL	9387	0.22	8174	0.19	13536	0.31
WET ZX	10741	0.25	4809	0.11	1154	0.03
TOTAL IMPACTS	20128	0.46	12983	0.30	14690	0.34

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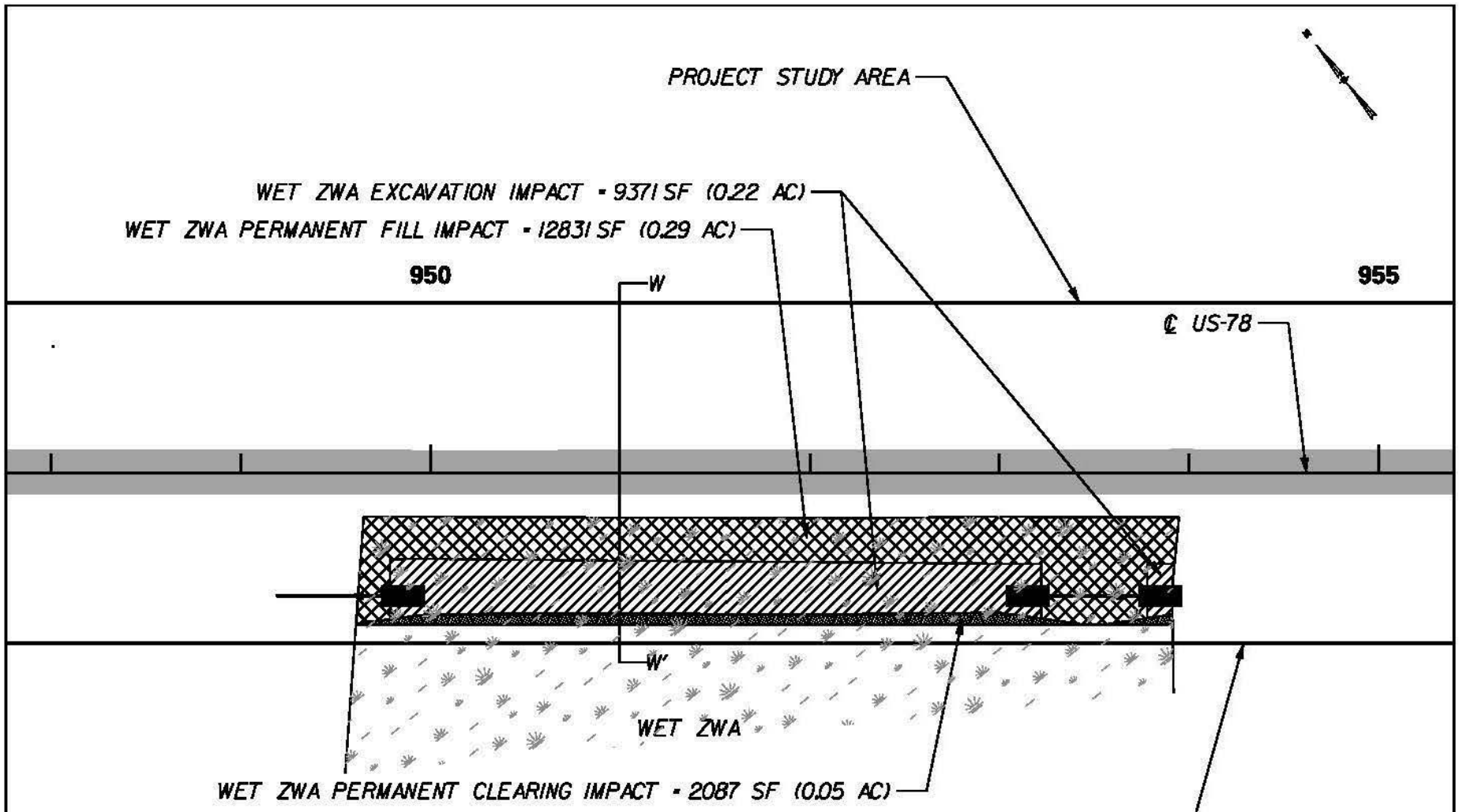
**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CL, ZX

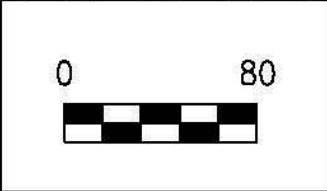
SHEET 38



TOTALS: SHEET 39

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET ZWA	12831	0.29	9371	0.22	2087	0.05
TOTAL IMPACTS	12831	0.29	9371	0.22	2087	0.05

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 CHARLESTON, SC



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET ZWA**

---

**SHEET 39**

WET CN PERMANENT CLEARING IMPACT - 343 SF (0.01 AC)

WET CN EXCAVATION IMPACT - 941 SF (0.02 AC)

PROJECT STUDY AREA

WET CN

965

US 78

PC 964+09.65

PROJECT STUDY AREA

TOTALS: SHEET 40

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CN			941	0.02	343	0.01
TOTAL IMPACTS	0	0.00	941	0.02	343	0.01

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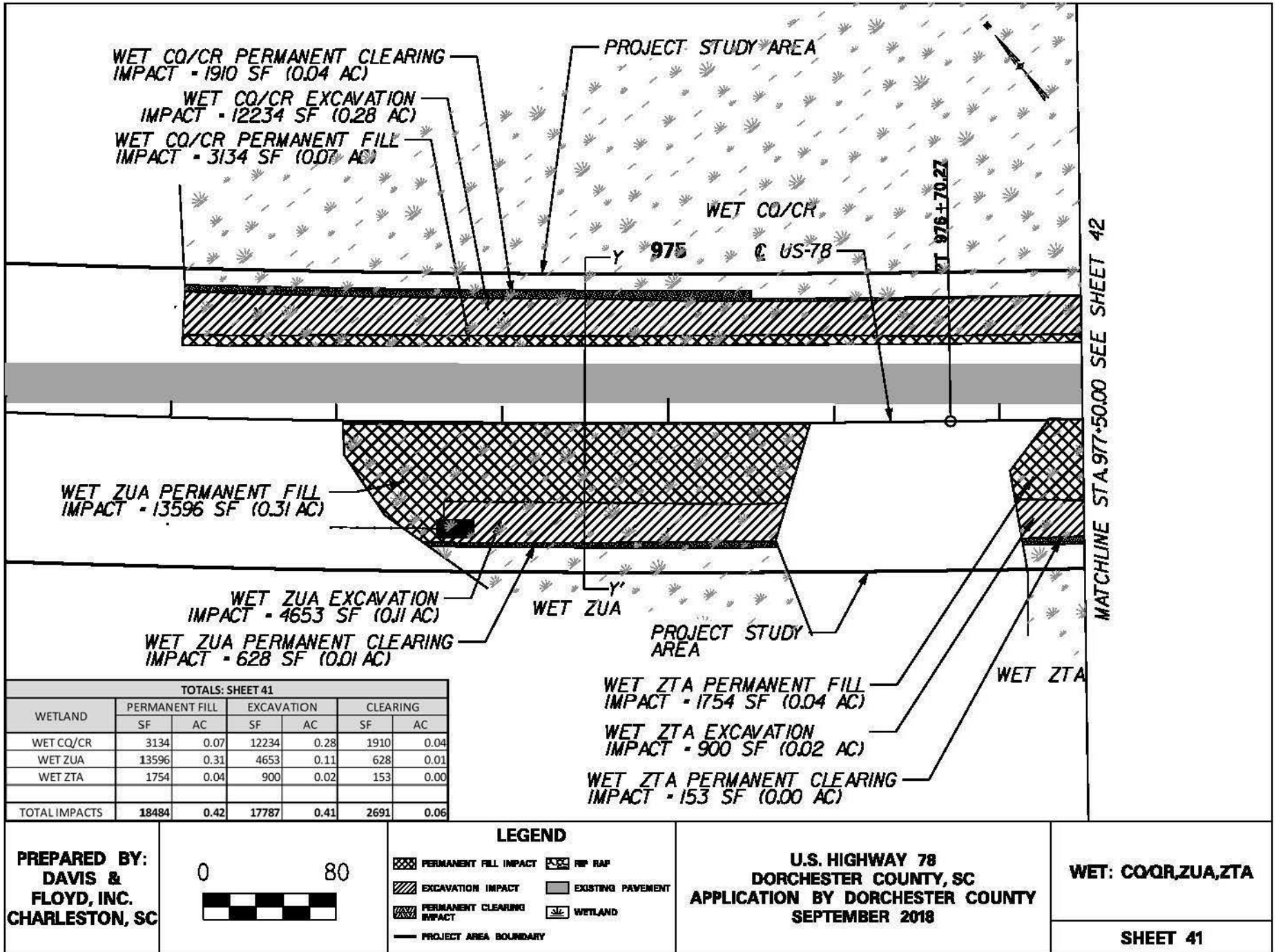
**LEGEND**

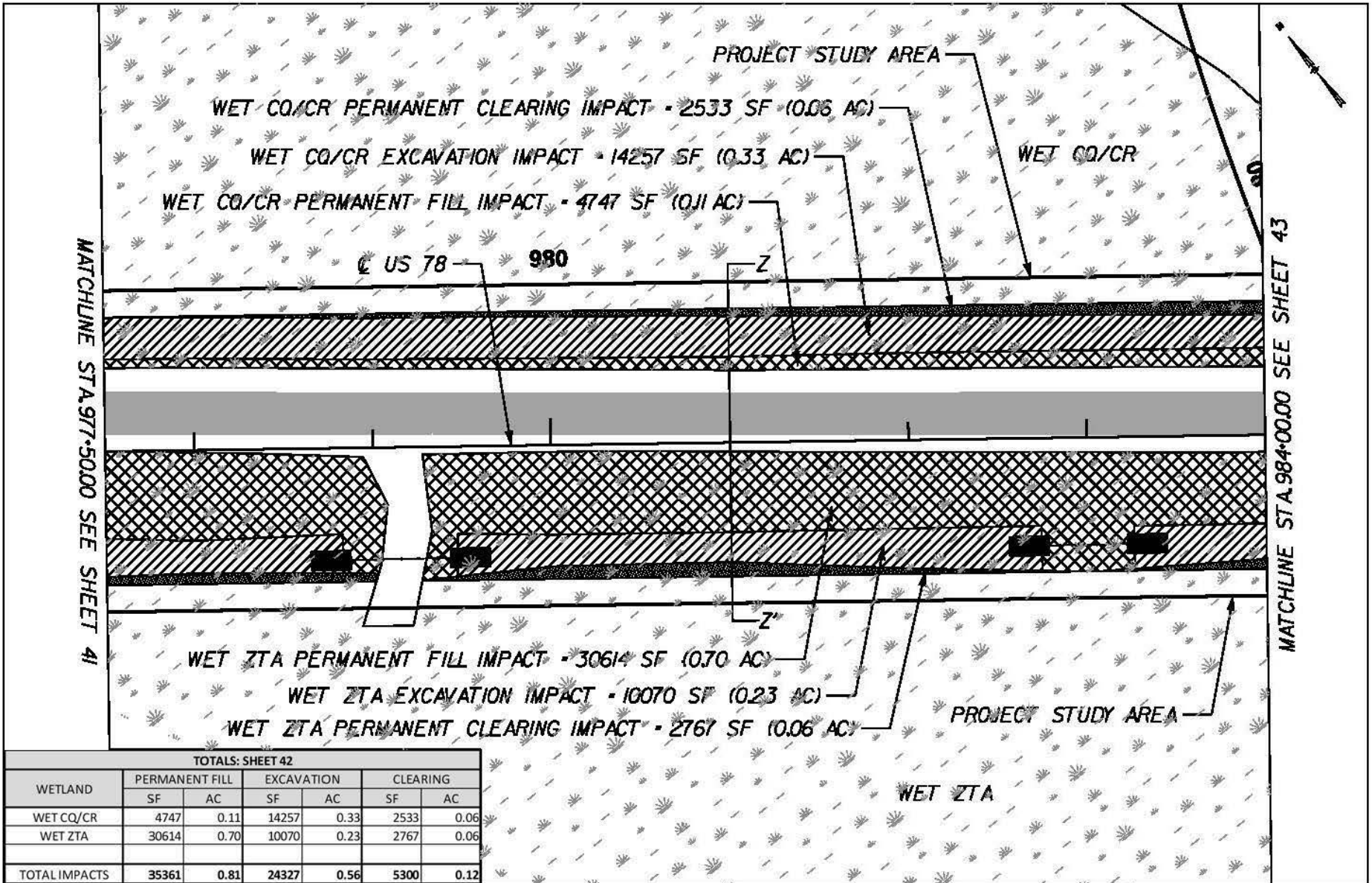
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET CN

SHEET 40

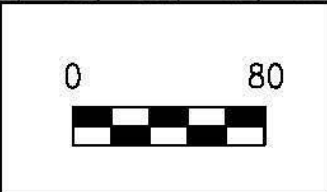




TOTALS: SHEET 42

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CO/CR	4747	0.11	14257	0.33	2533	0.06
WET ZTA	30614	0.70	10070	0.23	2767	0.06
TOTAL IMPACTS	35361	0.81	24327	0.56	5300	0.12

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CHARLESTON, SC



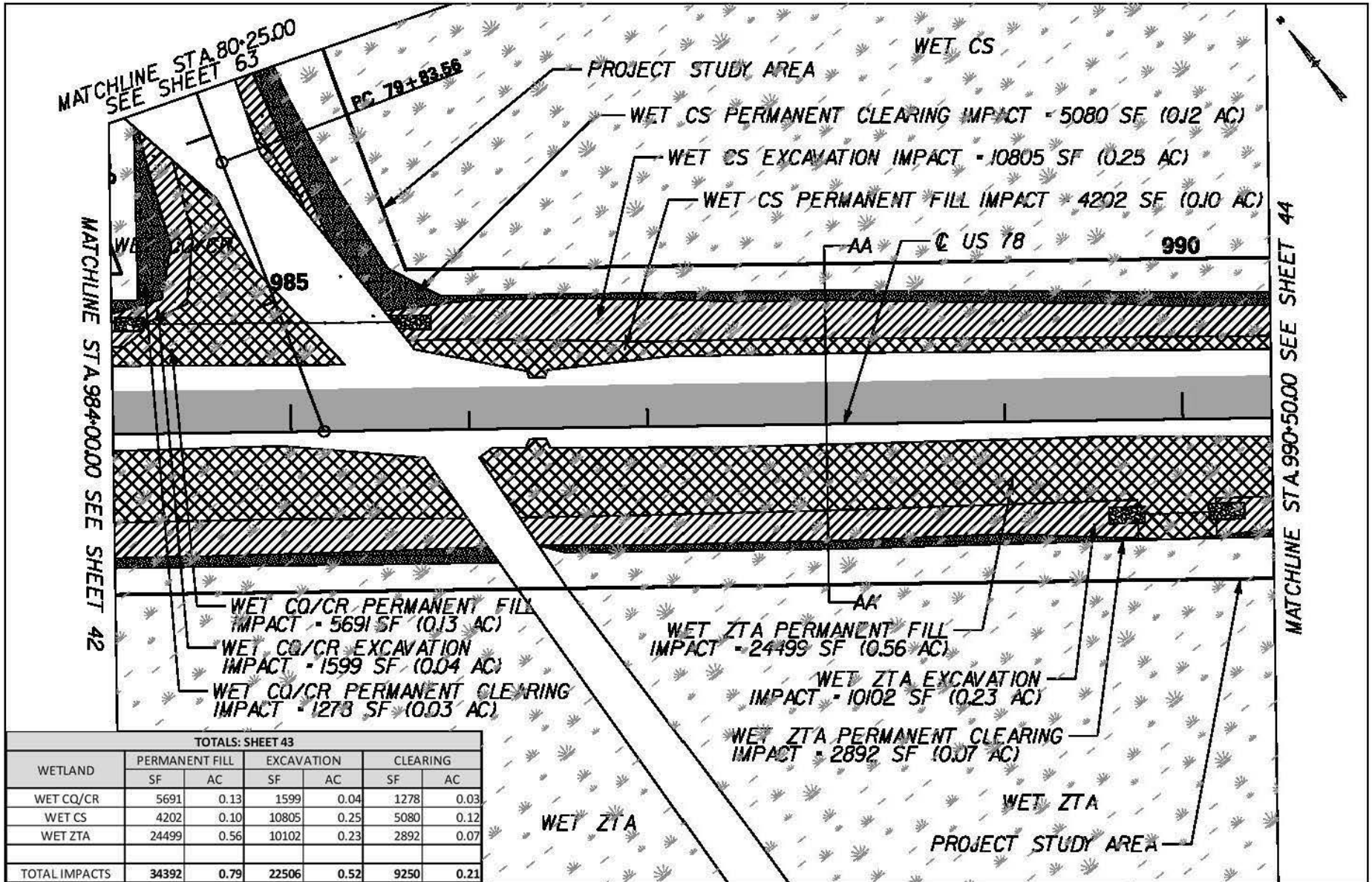
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
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APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CO/CR,ZTA

SHEET 42



TOTALS: SHEET 43

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CQ/CR	5691	0.13	1599	0.04	1278	0.03
WET CS	4202	0.10	10805	0.25	5080	0.12
WET ZTA	24499	0.56	10102	0.23	2892	0.07
TOTAL IMPACTS	34392	0.79	22506	0.52	9250	0.21

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 FLOYD, INC.  
 CHARLESTON, SC

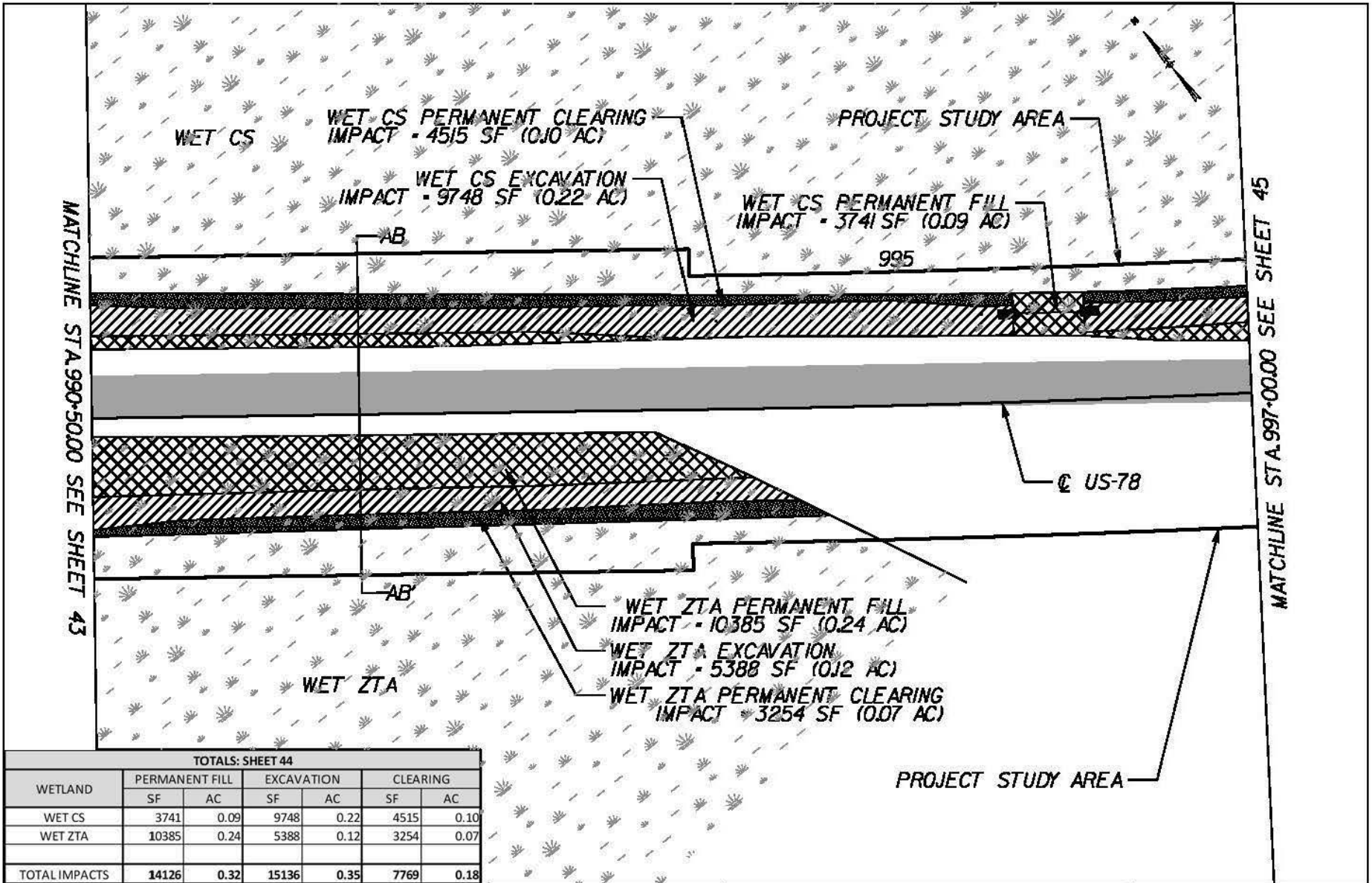


**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

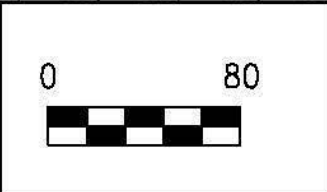
WET: CQ/CR, CS, ZTA



TOTALS: SHEET 44

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CS	3741	0.09	9748	0.22	4515	0.10
WET ZTA	10385	0.24	5388	0.12	3254	0.07
TOTAL IMPACTS	14126	0.32	15136	0.35	7769	0.18

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CHARLESTON, SC



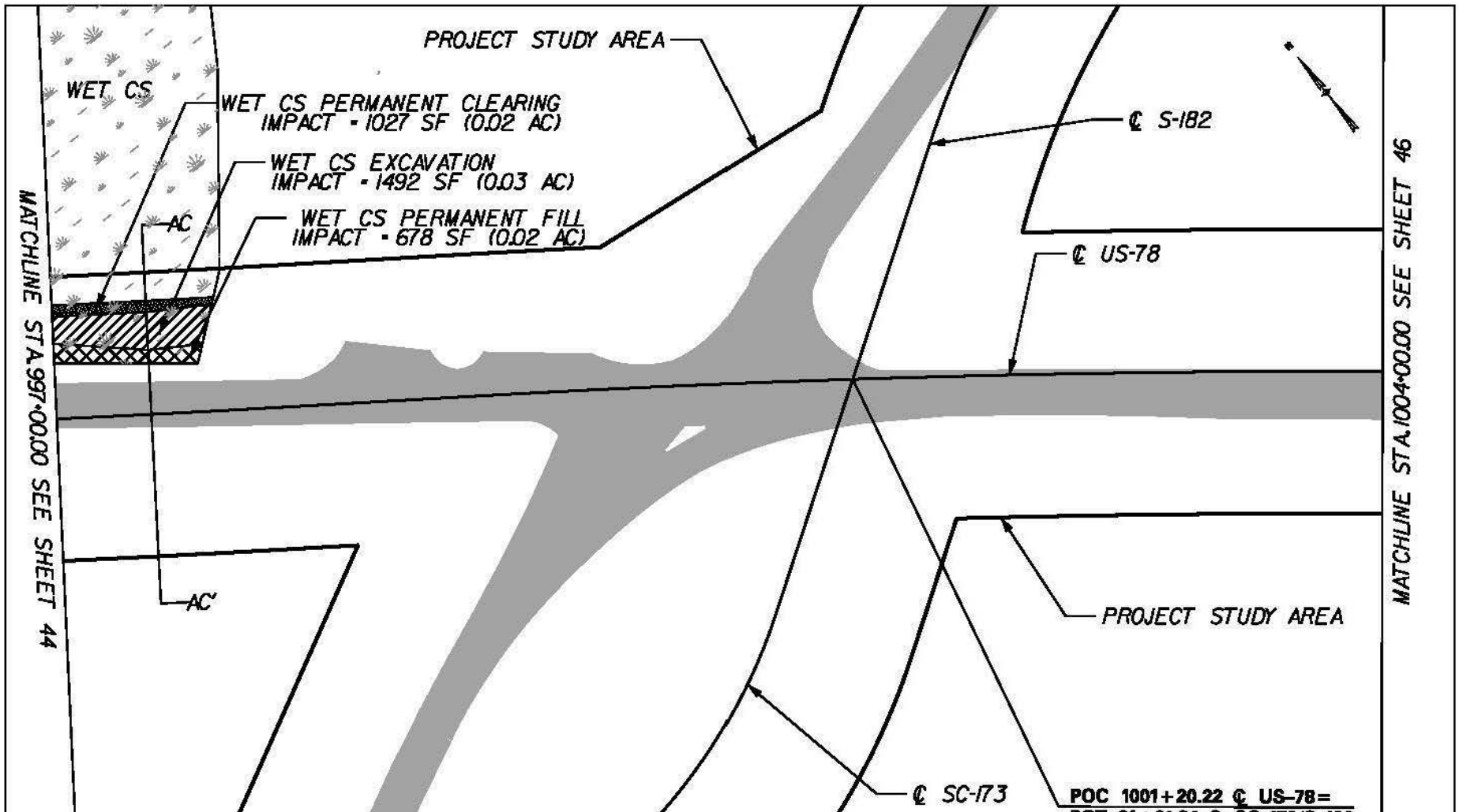
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CS,ZTA

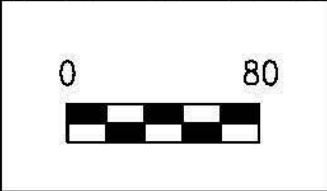
SHEET 44



TOTALS: SHEET 45

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CS	678	0.02	1492	0.03	1027	0.02
TOTAL IMPACTS	678	0.02	1492	0.03	1027	0.02

PREPARED BY:  
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 CHARLESTON, SC



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

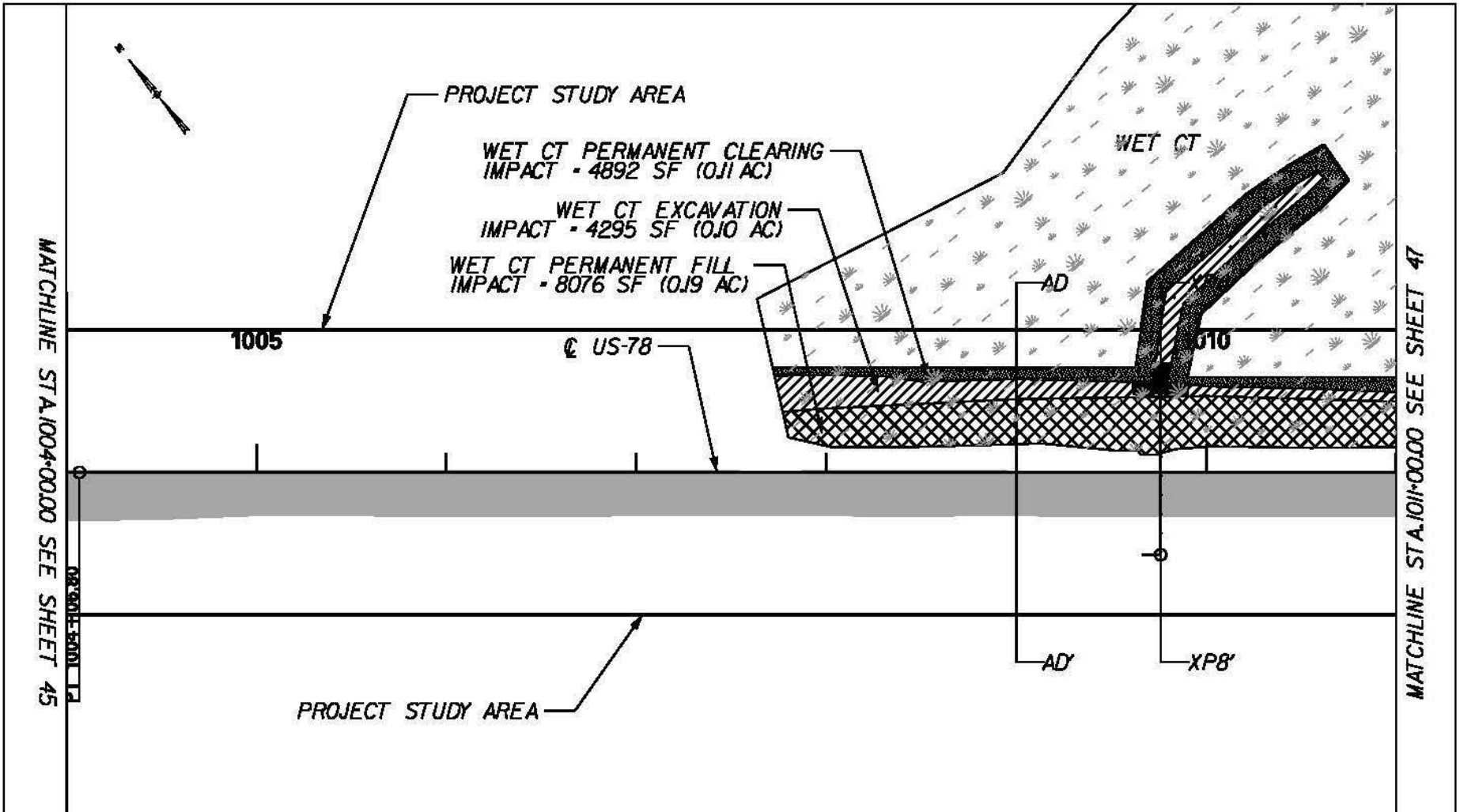
**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018

**WET: CS**

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**SHEET 45**

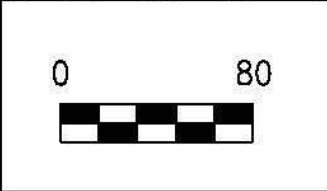




**TOTALS: SHEET 46**

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CT	8076	0.19	4295	0.10	4892	0.11
<b>TOTAL IMPACTS</b>	<b>8076</b>	<b>0.19</b>	<b>4295</b>	<b>0.10</b>	<b>4892</b>	<b>0.11</b>

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FLOYD, INC.  
CHARLESTON, SC**



**LEGEND**

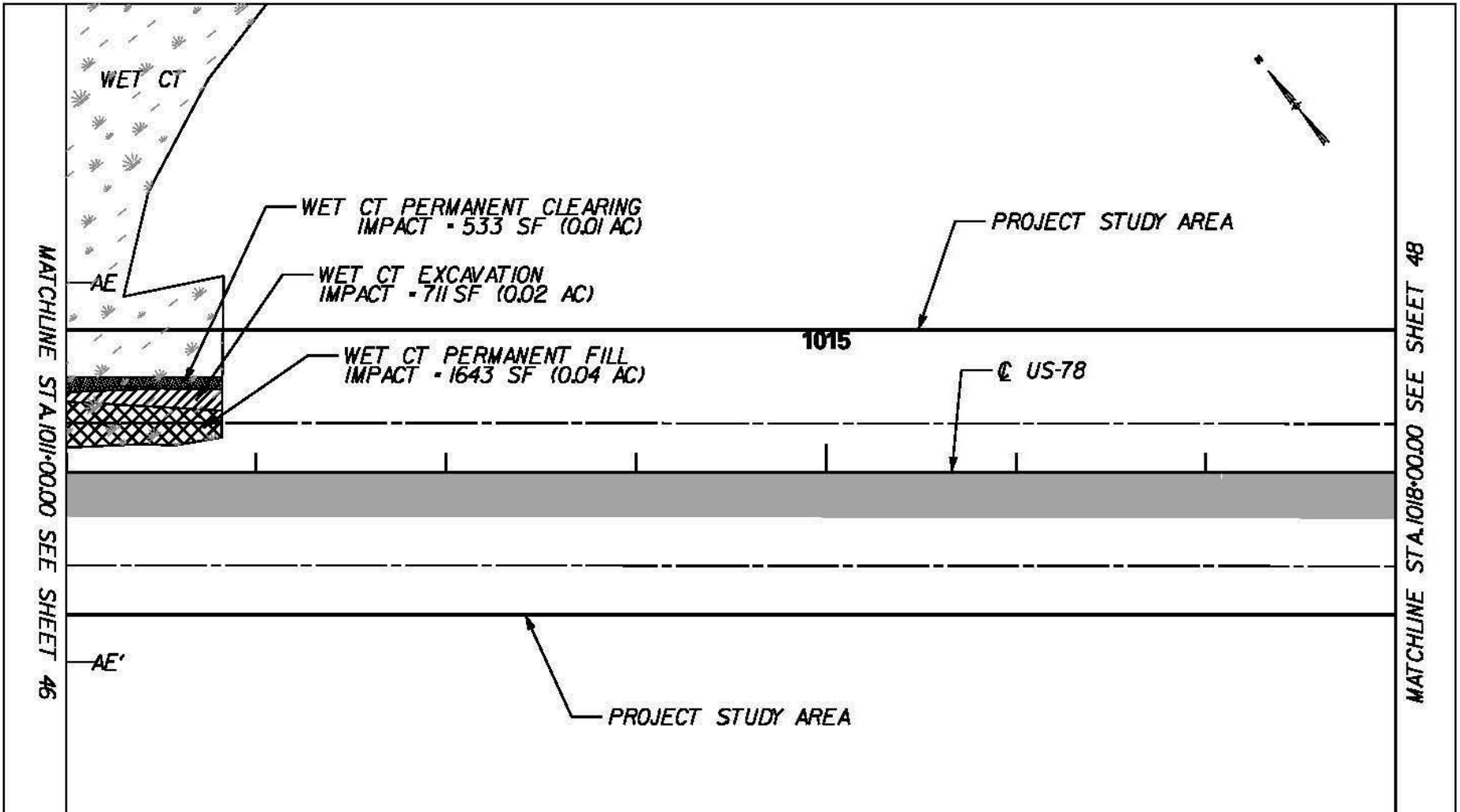
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: CT**

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**SHEET 46**

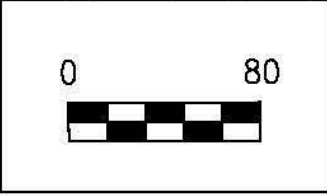


MATCHLINE STA 1011+00.00 SEE SHEET 46

MATCHLINE STA 1018+00.00 SEE SHEET 48

TOTALS: SHEET 47						
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CT	1643	0.04	711	0.02	533	0.01
TOTAL IMPACTS	1643	0.04	711	0.02	533	0.01

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CHARLESTON, SC**



**LEGEND**

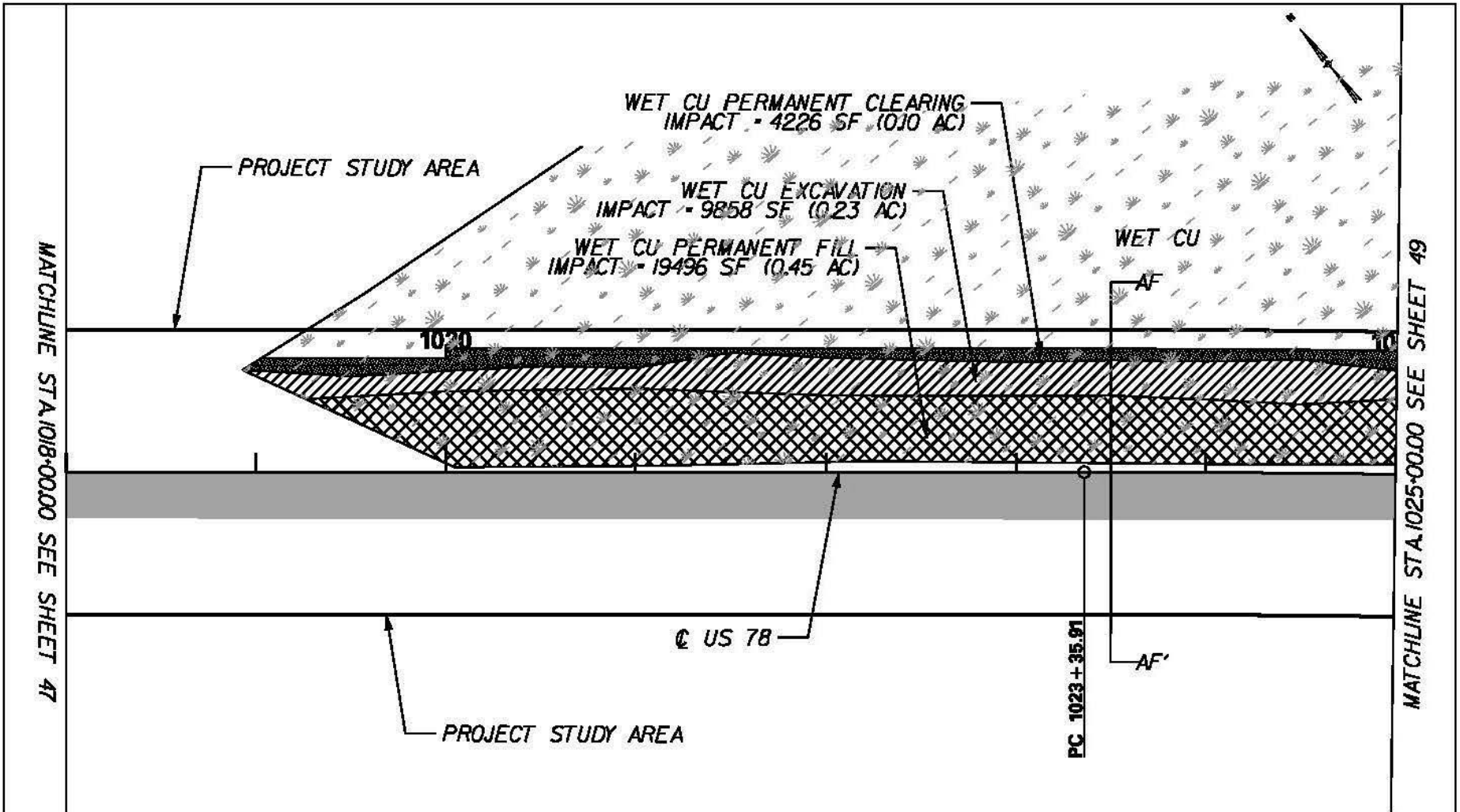
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
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APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: CT**

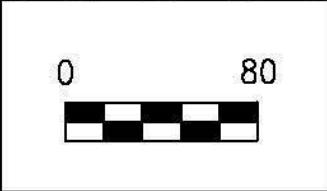
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**SHEET 47**



TOTALS: SHEET 48						
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CU	19496	0.45	9858	0.23	4226	0.10
TOTAL IMPACTS	19496	0.45	9858	0.23	4226	0.10

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CHARLESTON, SC**



**LEGEND**

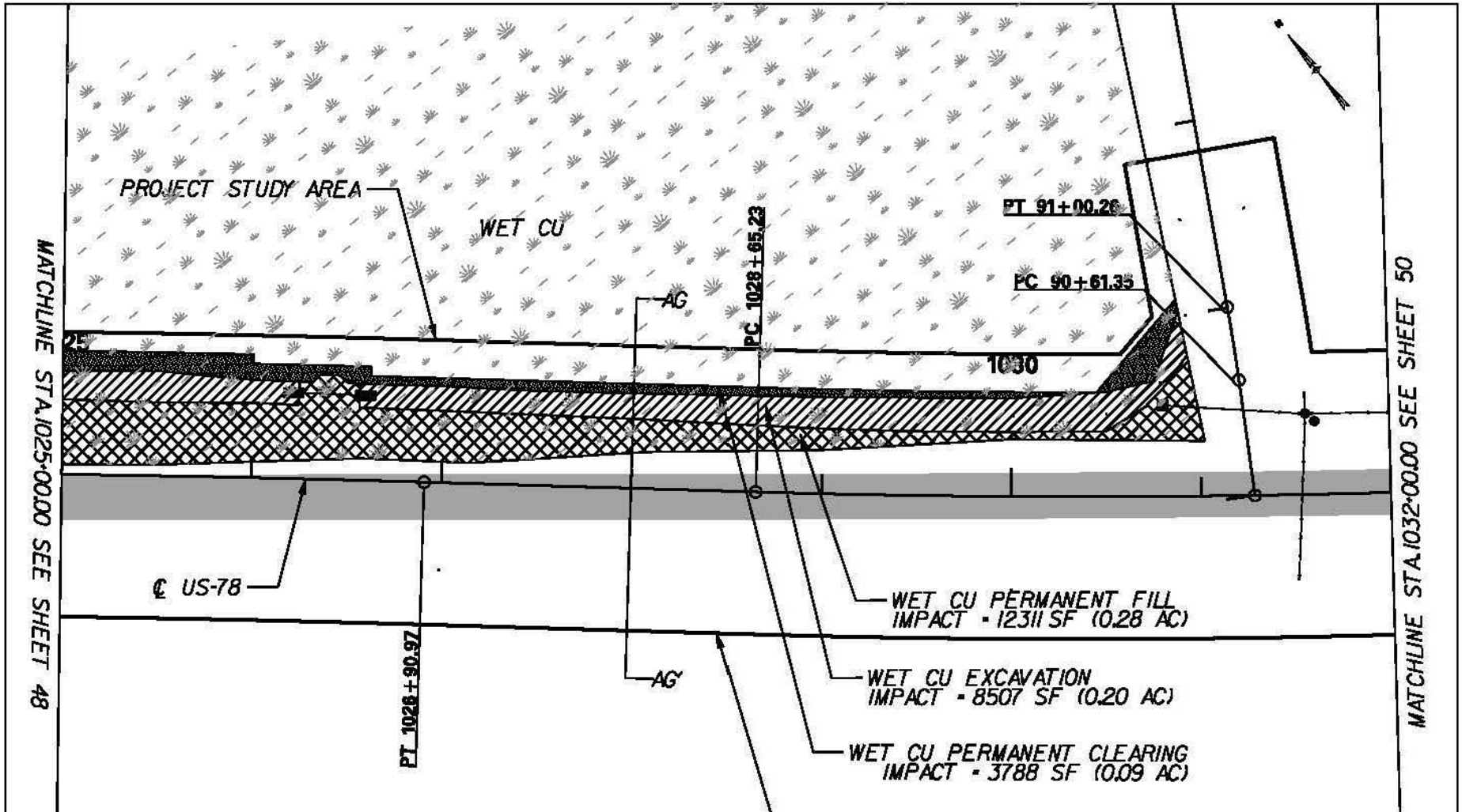
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: CU**

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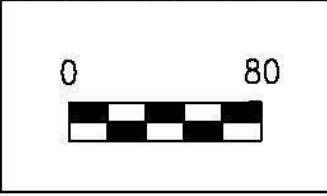
**SHEET 48**



TOTALS: SHEET 49

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CU	12311	0.28	8507	0.20	3788	0.09
TOTAL IMPACTS	12311	0.28	8507	0.20	3788	0.09

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DAVIS &  
FLOYD, INC.  
CHARLESTON, SC**



**LEGEND**

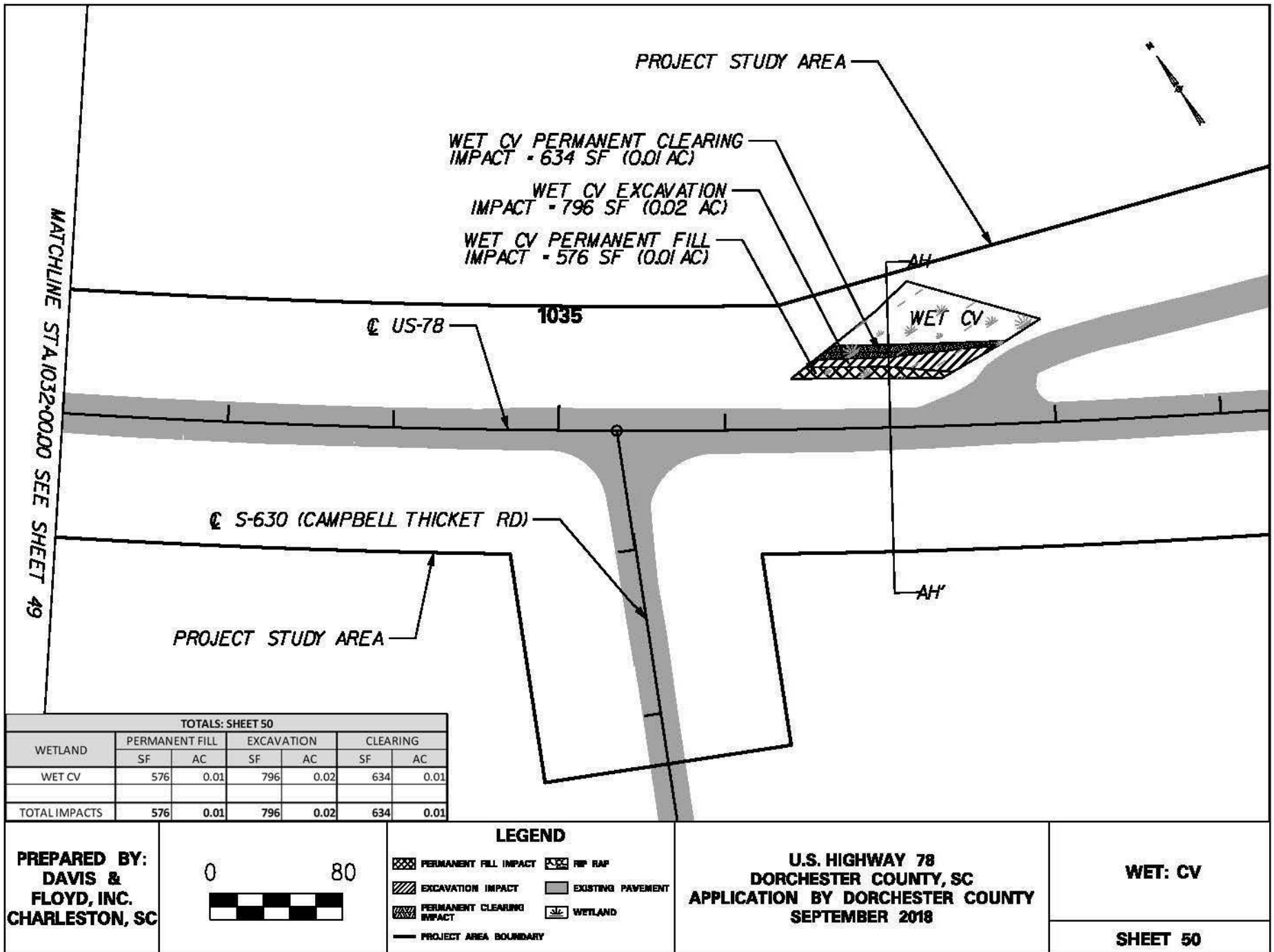
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

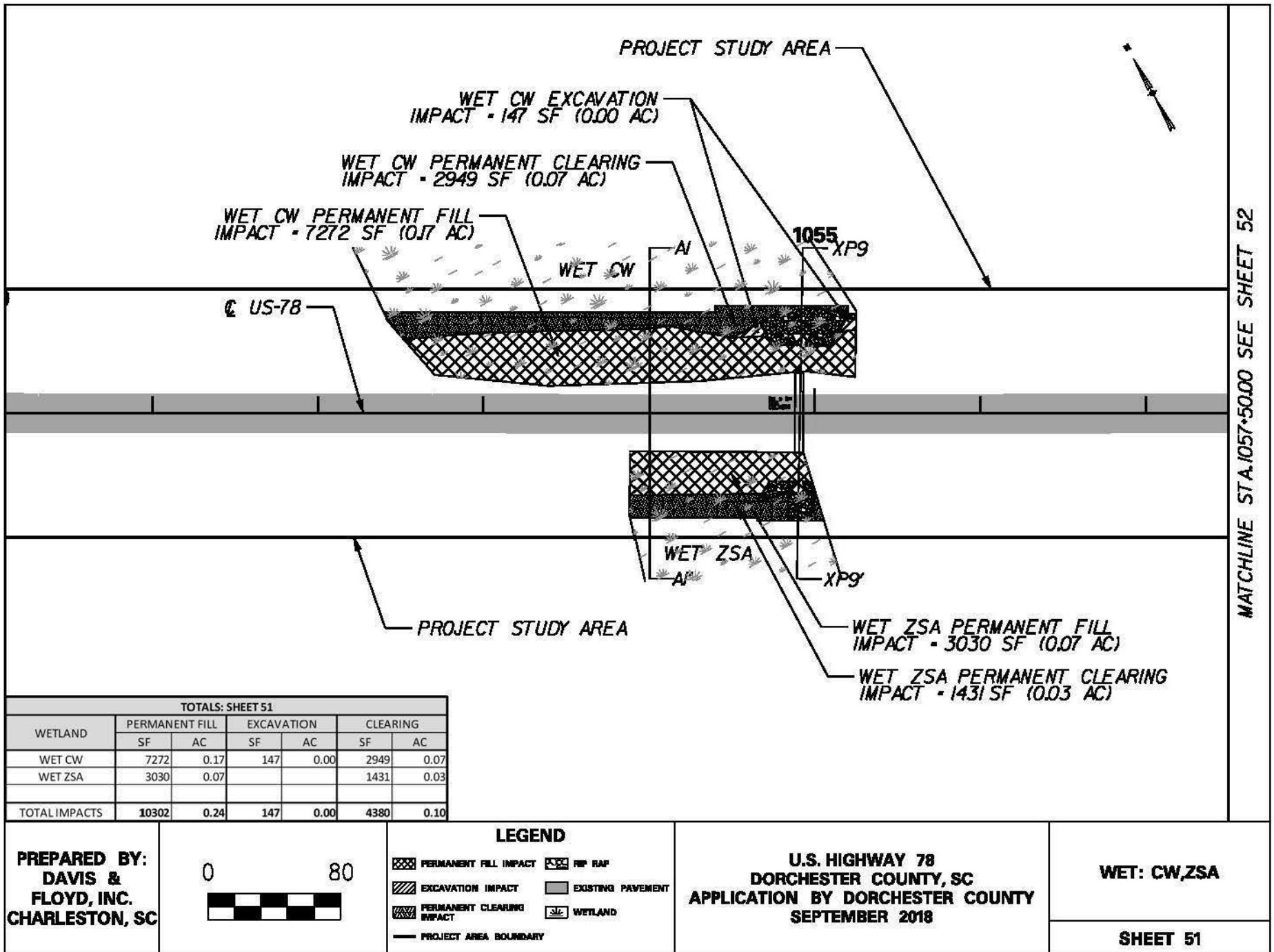
**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

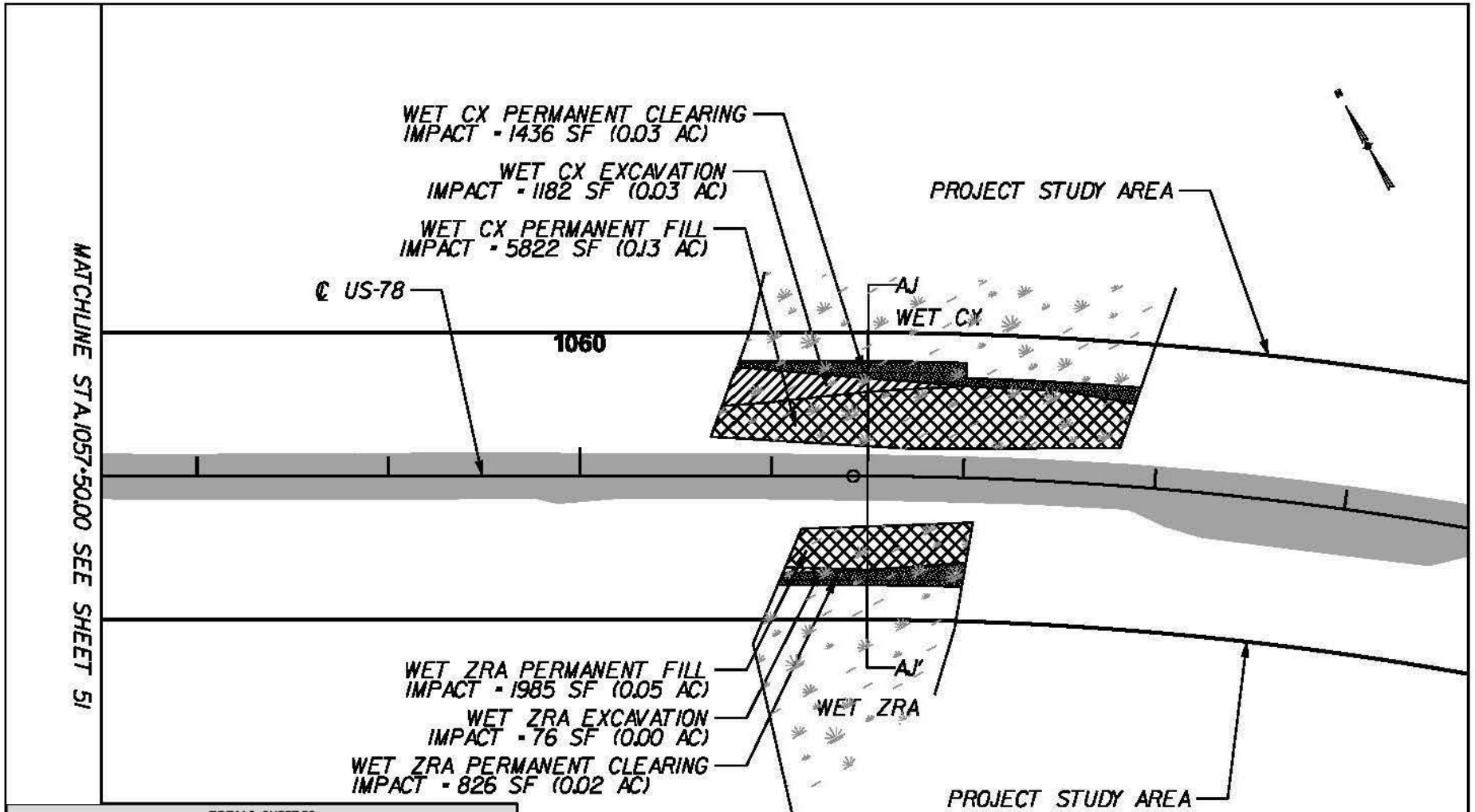
**WET: CU**

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**SHEET 49**





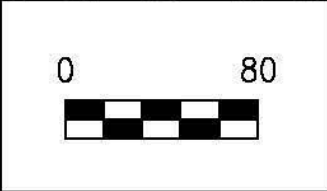


MATCHLINE STA.1057+50.00 SEE SHEET 51

TOTALS: SHEET 52

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CX	5822	0.13	1182	0.03	1436	0.03
WET ZRA	1985	0.05	76	0.00	826	0.02
<b>TOTAL IMPACTS</b>	<b>7807</b>	<b>0.18</b>	<b>1258</b>	<b>0.03</b>	<b>2262</b>	<b>0.05</b>

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CHARLESTON, SC**



**LEGEND**

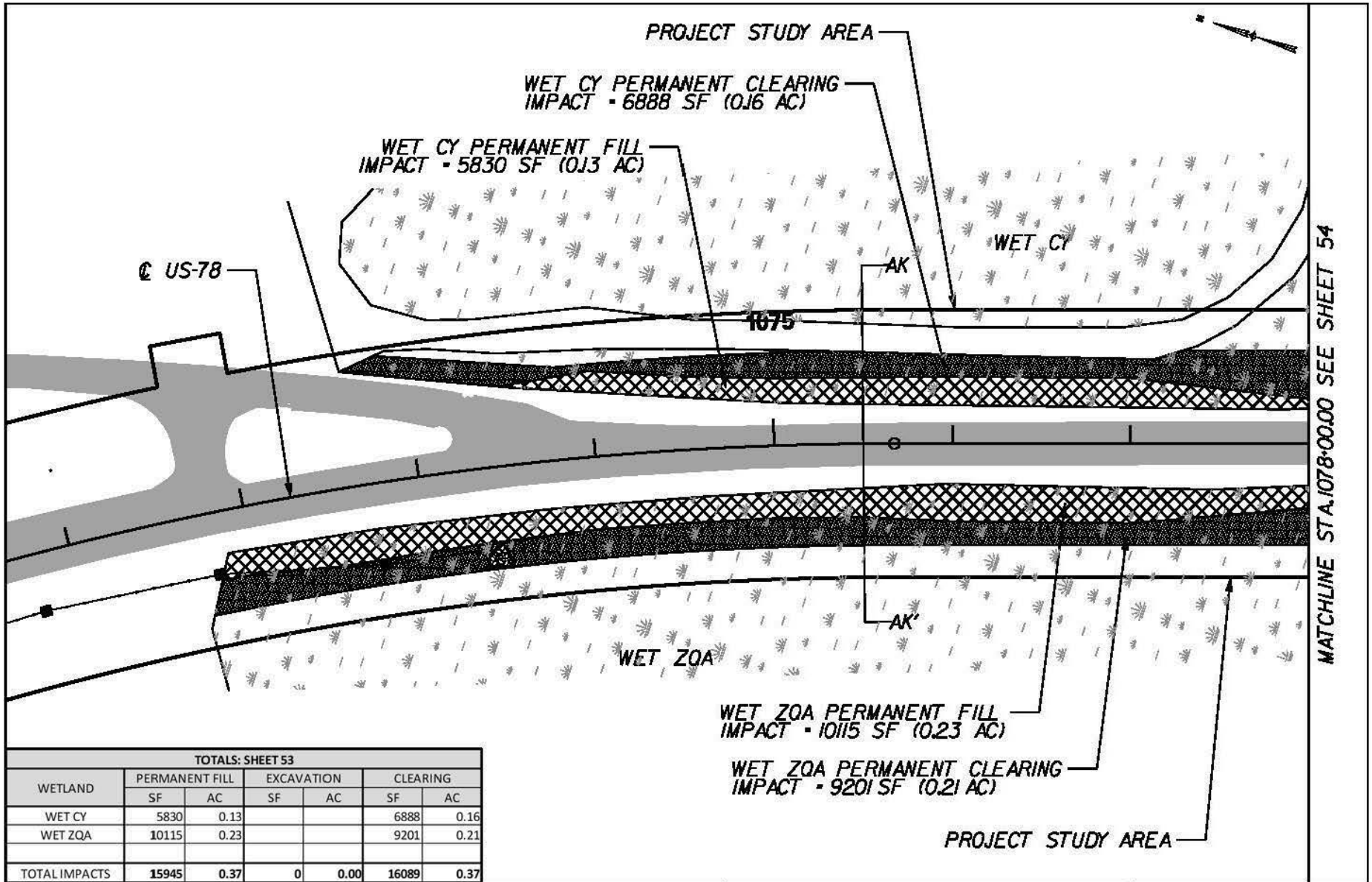
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018**

**WET: CX,ZRA**

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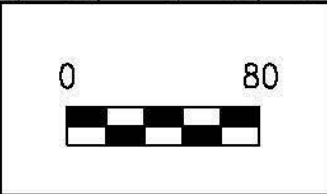
**SHEET 52**



TOTALS: SHEET 53

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CY	5830	0.13			6888	0.16
WET ZQA	10115	0.23			9201	0.21
TOTAL IMPACTS	15945	0.37	0	0.00	16089	0.37

PREPARED BY:  
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 CHARLESTON, SC



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

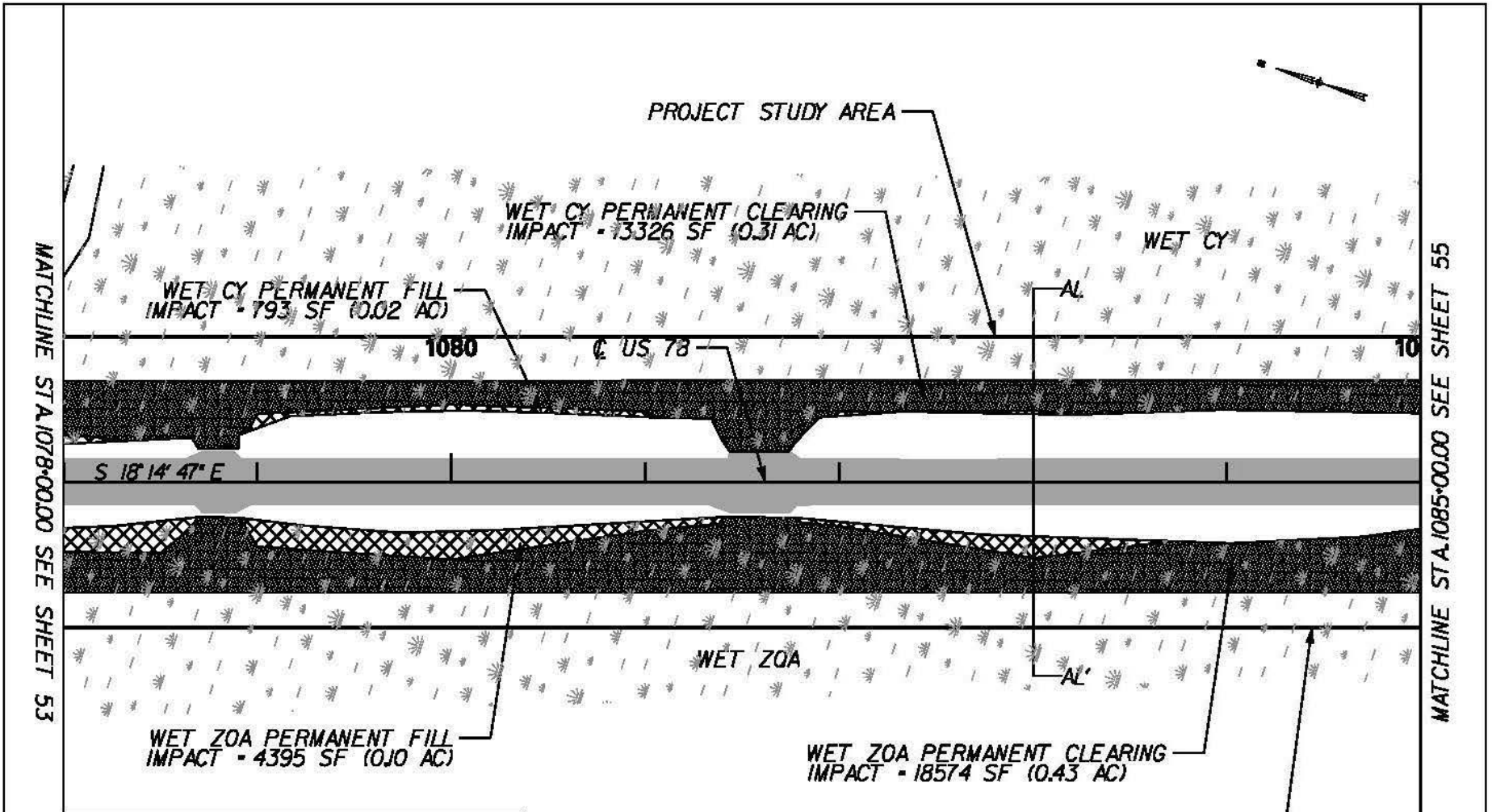
**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET: CY,ZQA**

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**SHEET 53**

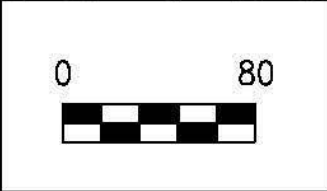




TOTALS: SHEET 54

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CY	793	0.02			13326	0.31
WET ZOA	4395	0.10			18574	0.43
TOTAL IMPACTS	5188	0.12	0	0.00	31900	0.73

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**CHARLESTON, SC**



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
**APPLICATION BY DORCHESTER COUNTY**  
**SEPTEMBER 2018**

**WET: CY,ZOA**

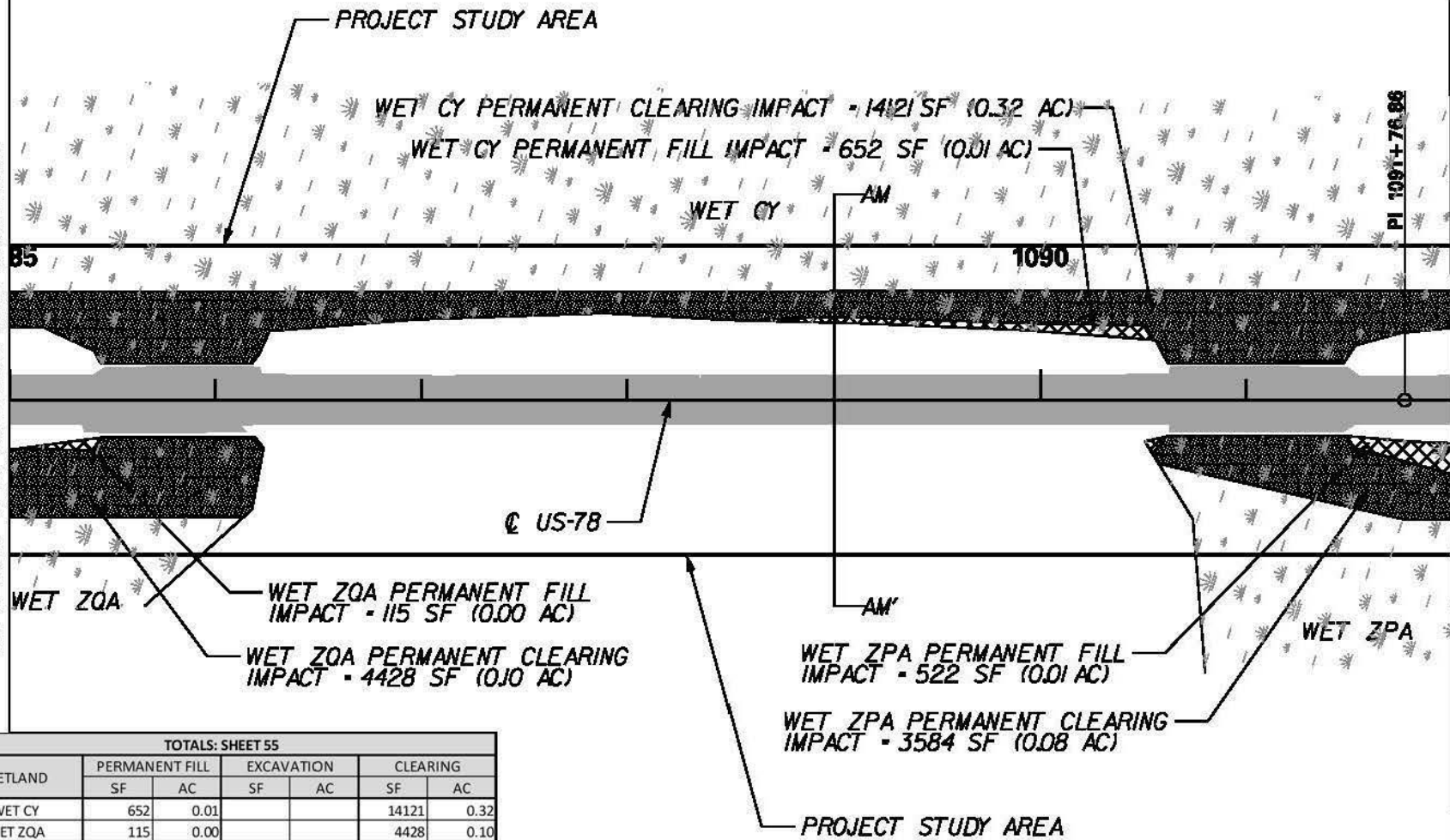
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**SHEET 54**



MATCHLINE STA.1085+00.00 SEE SHEET 54

MATCHLINE STA.1092+00.00 SEE SHEET 56



PROJECT STUDY AREA

WET CY PERMANENT CLEARING IMPACT - 14121 SF (0.32 AC)

WET CY PERMANENT FILL IMPACT - 652 SF (0.01 AC)

WET ZQA PERMANENT FILL IMPACT - 115 SF (0.00 AC)

WET ZQA PERMANENT CLEARING IMPACT - 4428 SF (0.10 AC)

WET ZPA PERMANENT FILL IMPACT - 522 SF (0.01 AC)

WET ZPA PERMANENT CLEARING IMPACT - 3584 SF (0.08 AC)

TOTALS: SHEET 55

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CY	652	0.01			14121	0.32
WET ZQA	115	0.00			4428	0.10
WET ZPA	522	0.01			3584	0.08
TOTAL IMPACTS	1289	0.03	0	0.00	22133	0.51

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**CHARLESTON, SC**

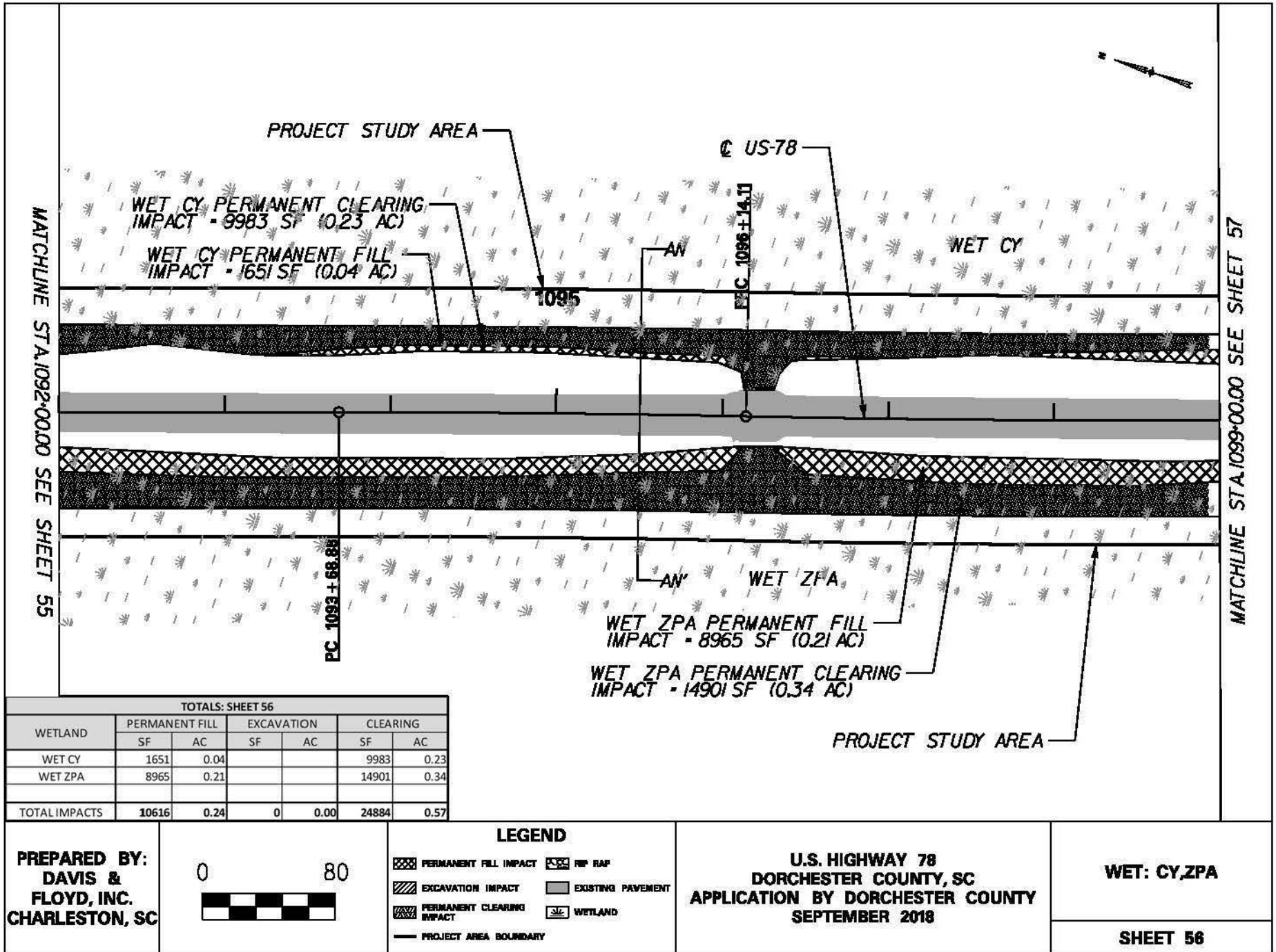


**LEGEND**

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

**U.S. HIGHWAY 78**  
**DORCHESTER COUNTY, SC**  
**APPLICATION BY DORCHESTER COUNTY**  
**SEPTEMBER 2018**

**WET: CY,ZQA,ZPA**



TOTALS: SHEET 56

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CY	1651	0.04			9983	0.23
WET ZPA	8965	0.21			14901	0.34
TOTAL IMPACTS	10616	0.24	0	0.00	24884	0.57

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FLOYD, INC.  
CHARLESTON, SC



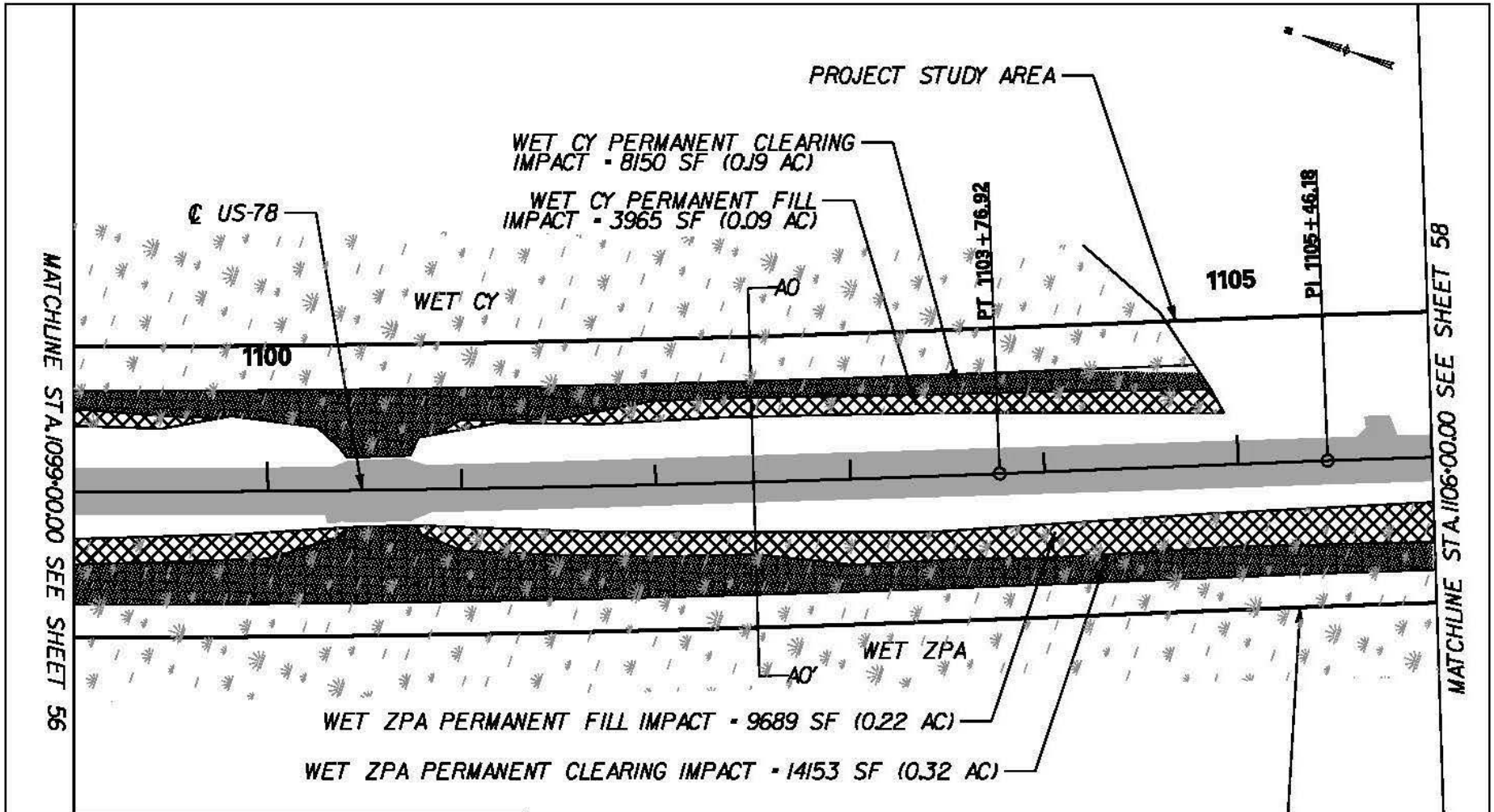
LEGEND

- PERMANENT FILL IMPACT
- EXCAVATION IMPACT
- PERMANENT CLEARING IMPACT
- PROJECT AREA BOUNDARY
- RIP RAP
- EXISTING PAVEMENT
- WETLAND

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CY,ZPA

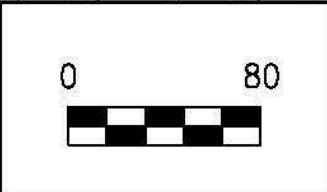
SHEET 56



TOTALS: SHEET 57

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CY	3965	0.09			8150	0.19
WET ZPA	9689	0.22			14153	0.32
TOTAL IMPACTS	13654	0.31	0	0.00	22303	0.51

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**LEGEND**

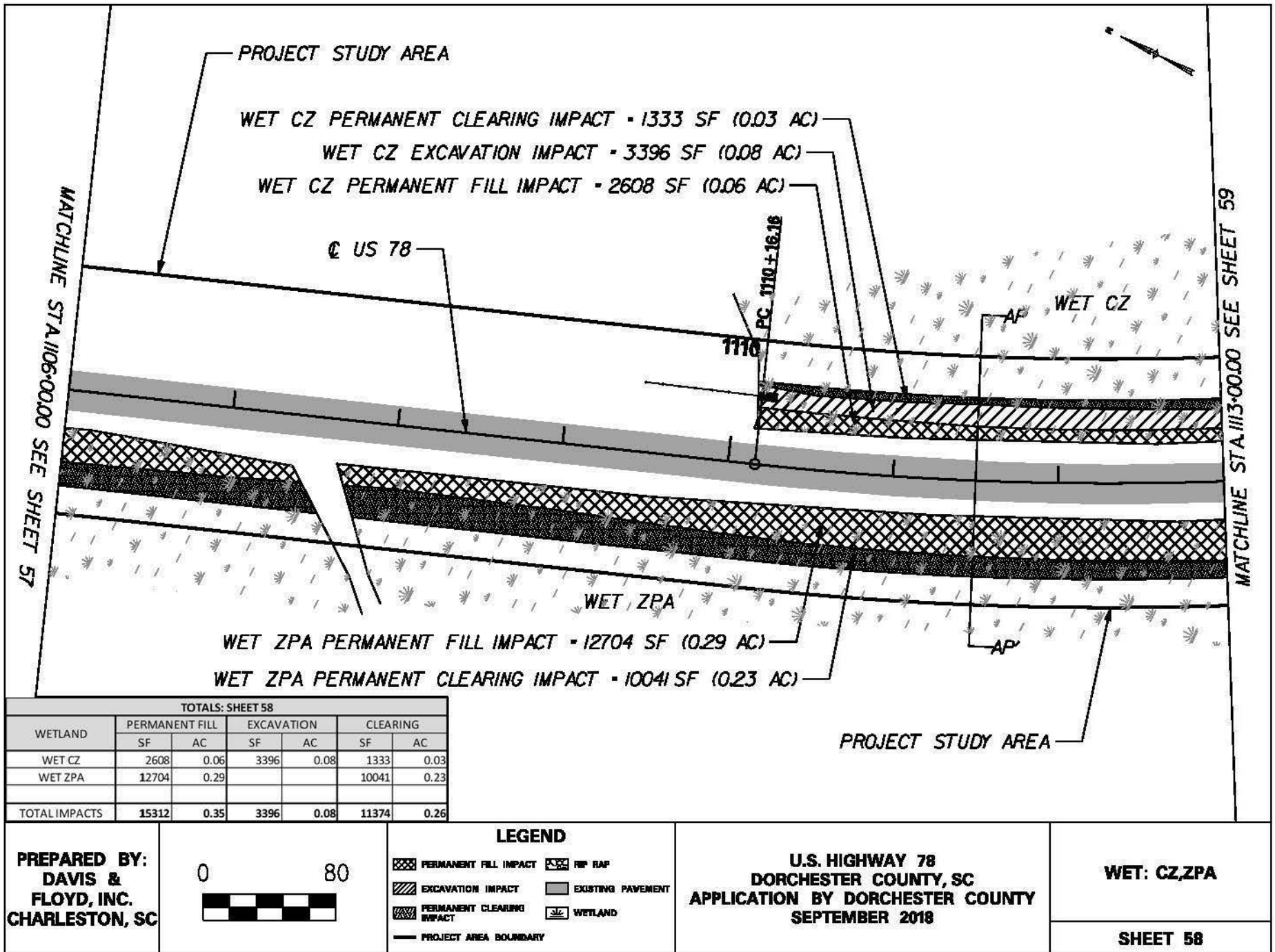
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET: CY,ZPA**

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**SHEET 57**



PROJECT STUDY AREA

WET CZ PERMANENT CLEARING IMPACT - 1333 SF (0.03 AC)

WET CZ EXCAVATION IMPACT - 3396 SF (0.08 AC)

WET CZ PERMANENT FILL IMPACT - 2608 SF (0.06 AC)

WET ZPA PERMANENT FILL IMPACT - 12704 SF (0.29 AC)

WET ZPA PERMANENT CLEARING IMPACT - 10041 SF (0.23 AC)

MATCHLINE STA. 1106+00.00 SEE SHEET 57

MATCHLINE STA. 1113+00.00 SEE SHEET 59

TOTALS: SHEET 58						
WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CZ	2608	0.06	3396	0.08	1333	0.03
WET ZPA	12704	0.29			10041	0.23
TOTAL IMPACTS	15312	0.35	3396	0.08	11374	0.26

PREPARED BY:  
DAVIS &  
FLOYD, INC.  
CHARLESTON, SC



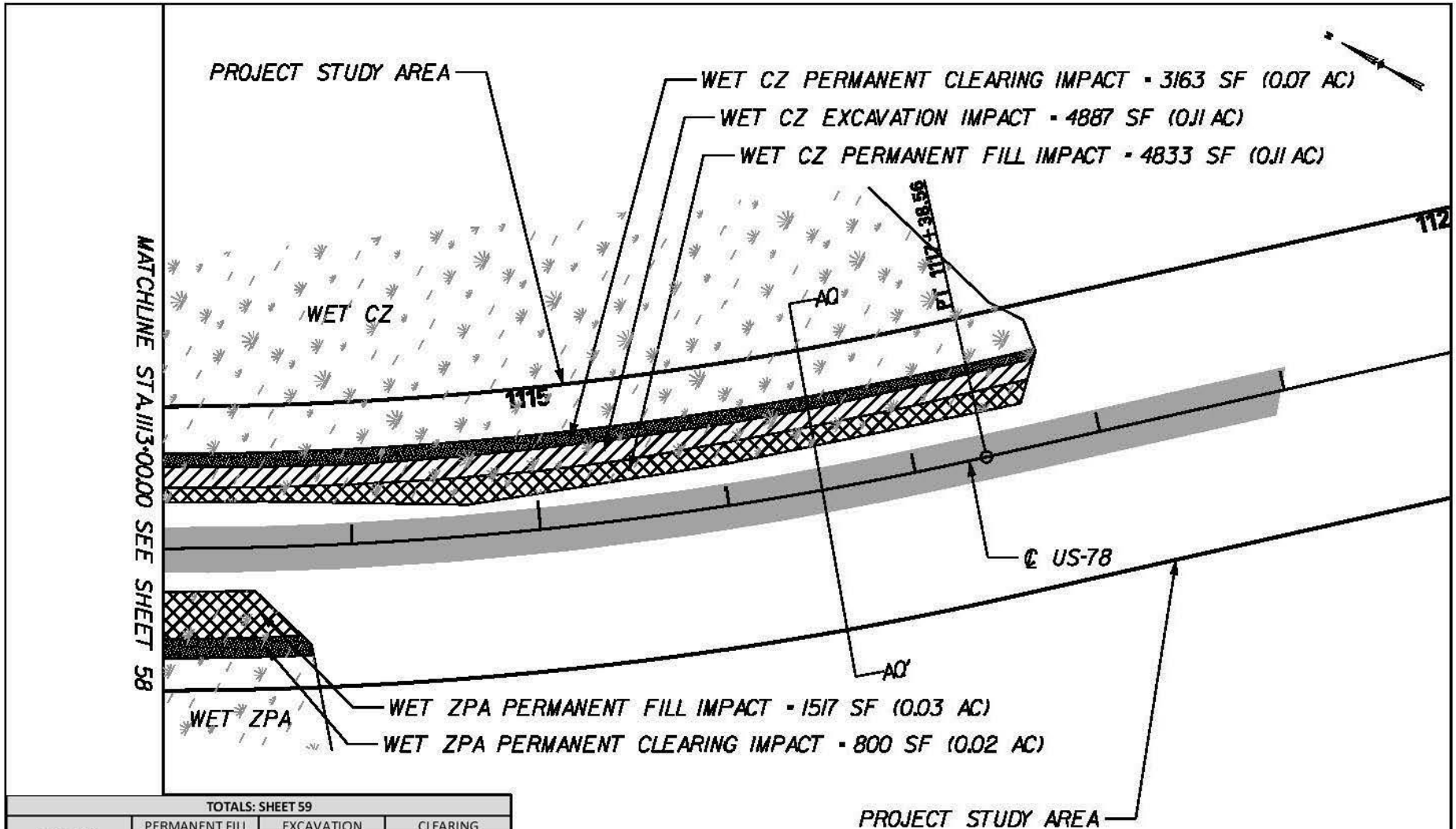
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
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APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: CZ,ZPA

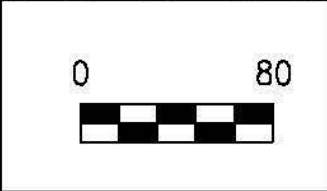
SHEET 58



TOTALS: SHEET 59

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CZ	4833	0.11	4887	0.11	3163	0.07
WET ZPA	1517	0.03			800	0.02
TOTAL IMPACTS	6350	0.15	4887	0.11	3963	0.09

PREPARED BY:  
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 CHARLESTON, SC



**LEGEND**

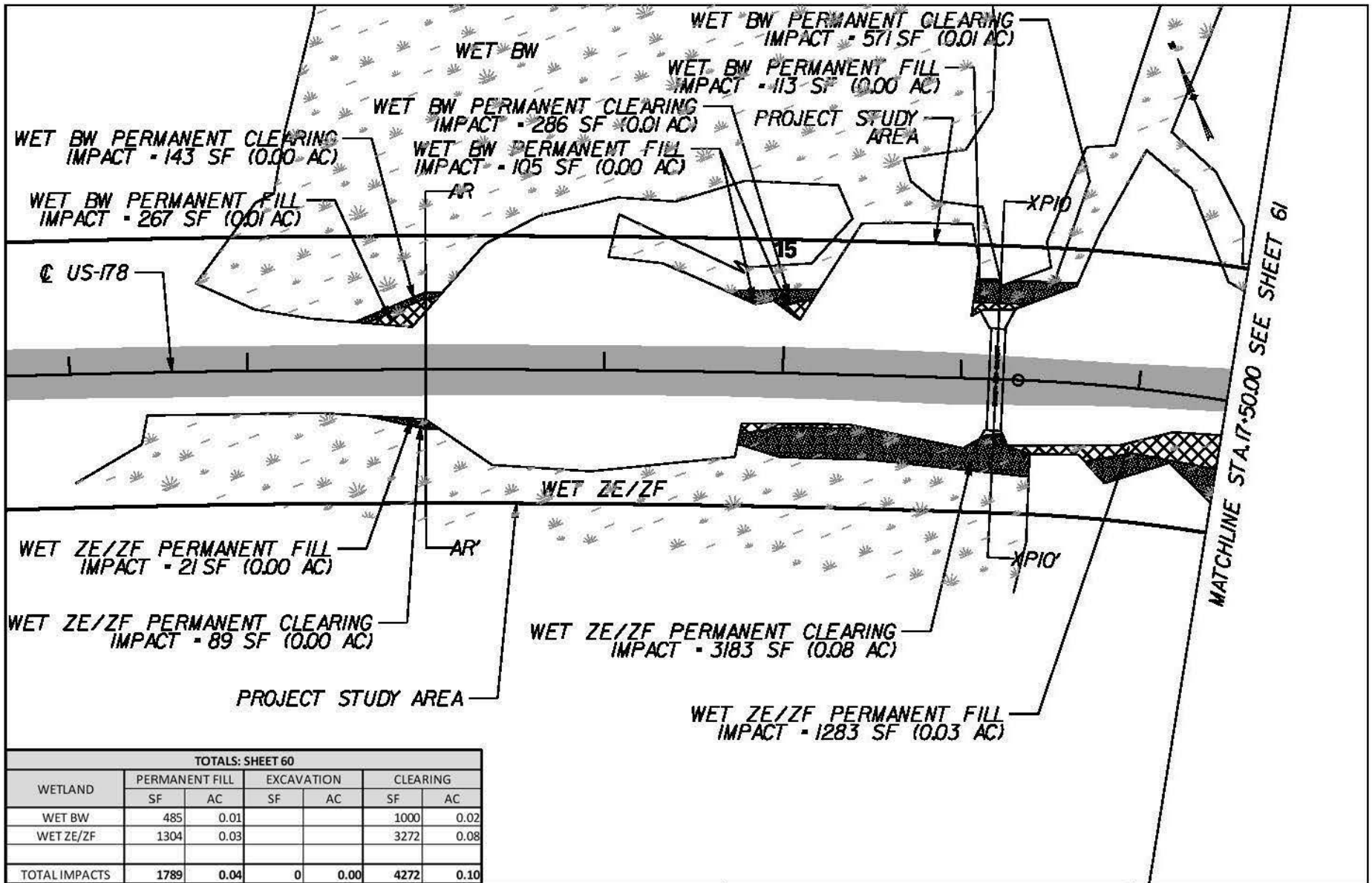
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET: CZ,ZPA**

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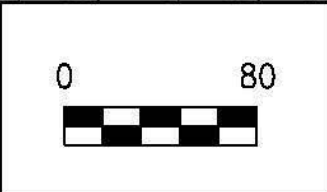
**SHEET 59**



TOTALS: SHEET 60

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BW	485	0.01			1000	0.02
WET ZE/ZF	1304	0.03			3272	0.08
TOTAL IMPACTS	1789	0.04	0	0.00	4272	0.10

PREPARED BY:  
DAVIS &  
FLOYD, INC.  
CHARLESTON, SC



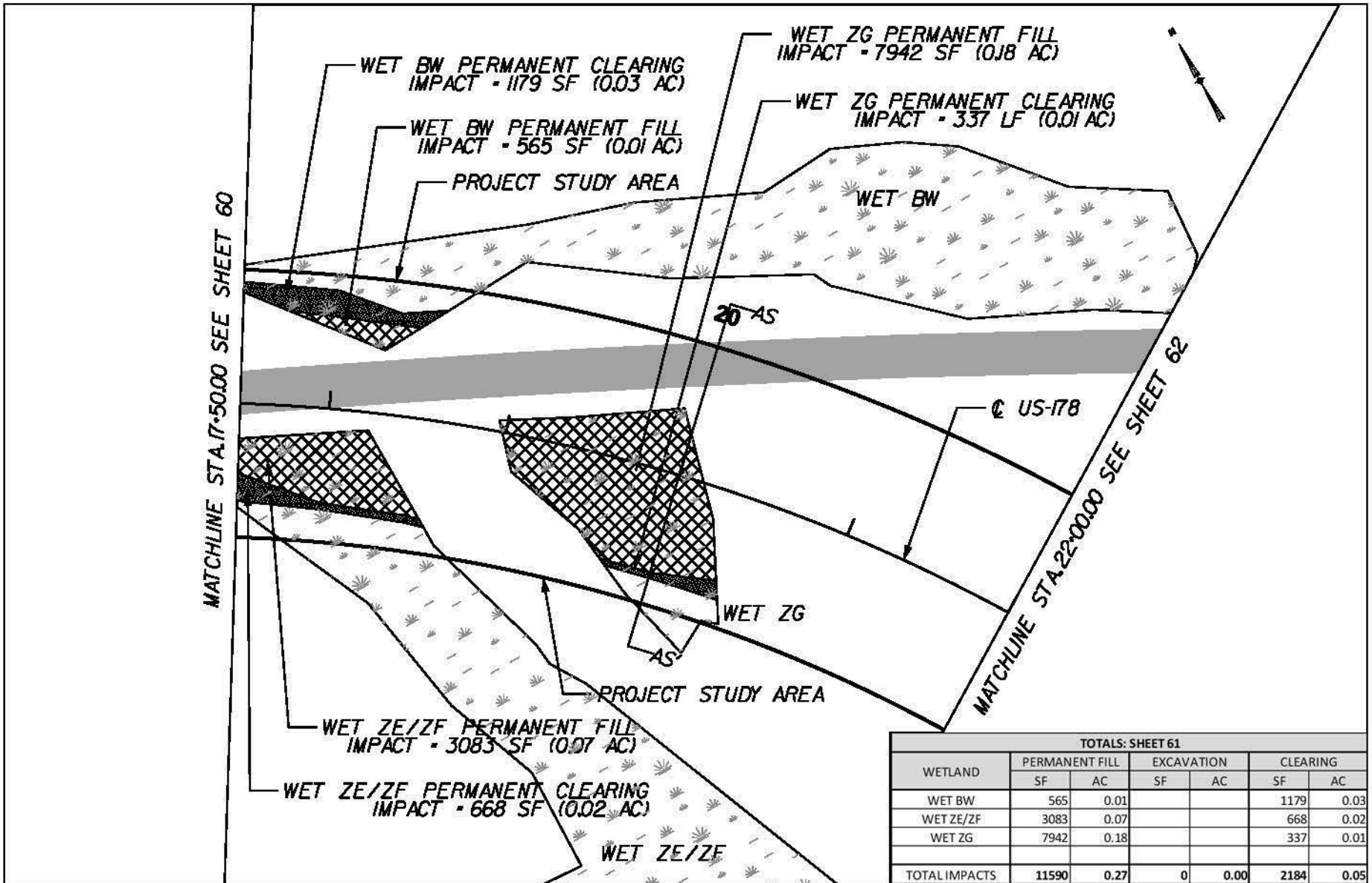
**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

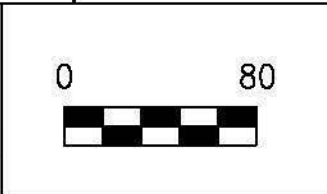
U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: BW, ZE/ZF

SHEET 60



PREPARED BY:  
DAVIS &  
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CHARLESTON, SC



**LEGEND**

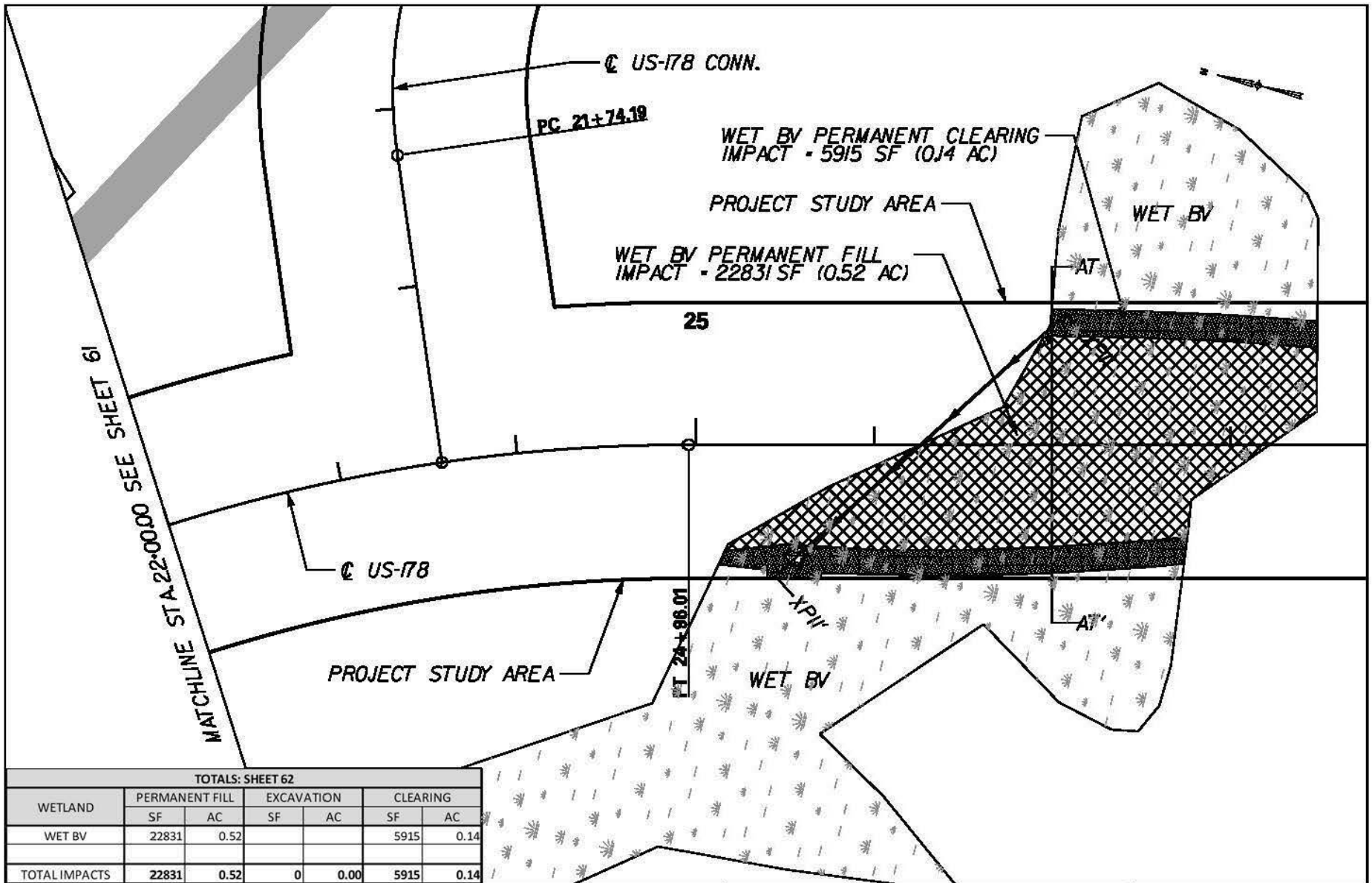
PERMANENT FILL IMPACT	RP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

U.S. HIGHWAY 78  
DORCHESTER COUNTY, SC  
APPLICATION BY DORCHESTER COUNTY  
SEPTEMBER 2018

WET: BW, ZE/ZF, ZG

**SHEET 61**

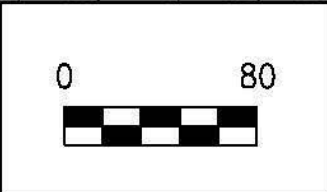




TOTALS: SHEET 62

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET BV	22831	0.52			5915	0.14
TOTAL IMPACTS	22831	0.52	0	0.00	5915	0.14

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**LEGEND**

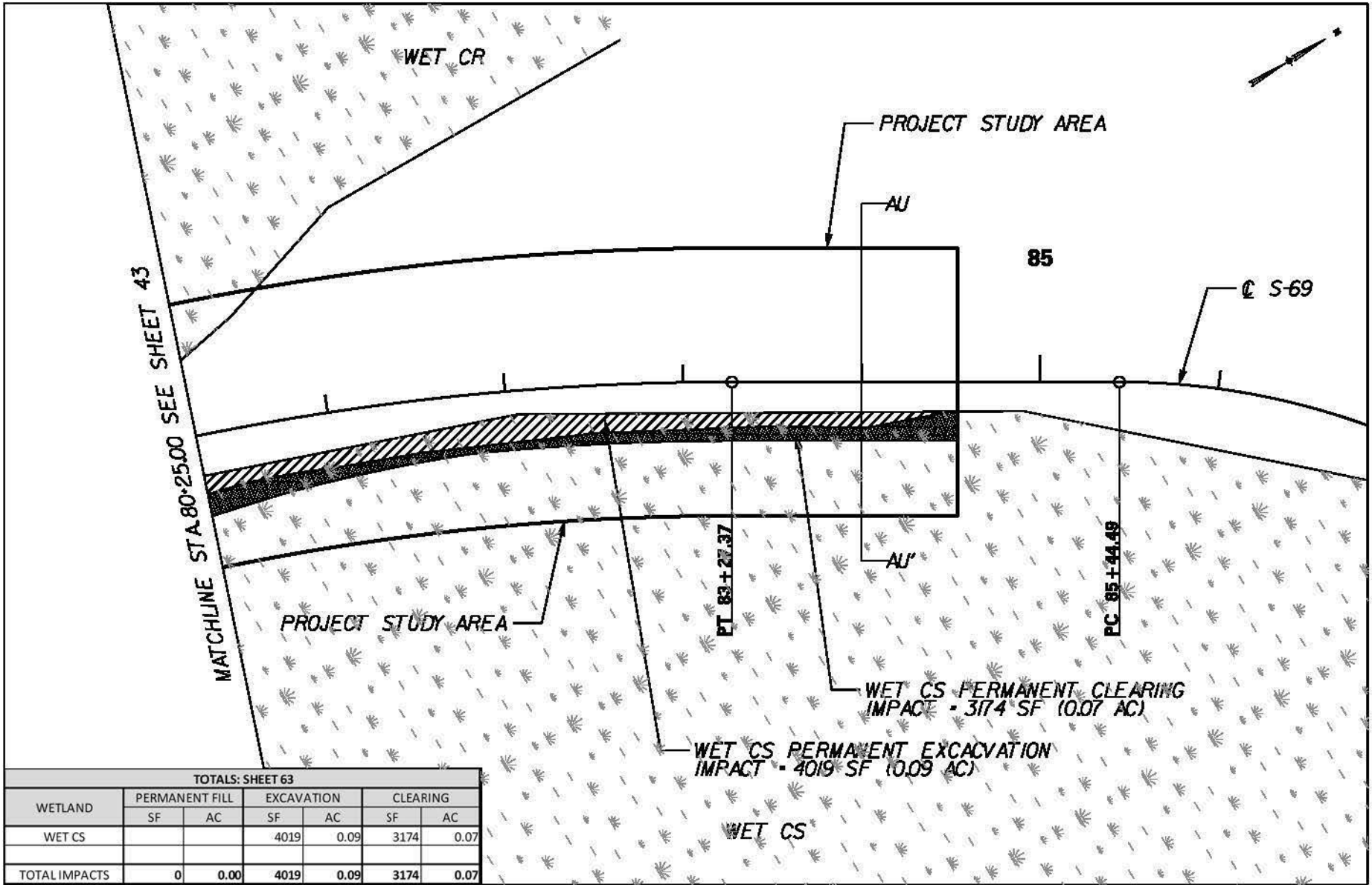
PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET: BV**

---

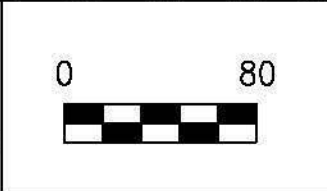
**SHEET 62**



TOTALS: SHEET 63

WETLAND	PERMANENT FILL		EXCAVATION		CLEARING	
	SF	AC	SF	AC	SF	AC
WET CS			4019	0.09	3174	0.07
TOTAL IMPACTS	0	0.00	4019	0.09	3174	0.07

PREPARED BY:  
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 FLOYD, INC.**  
 CHARLESTON, SC



**LEGEND**

PERMANENT FILL IMPACT	RIP RAP
EXCAVATION IMPACT	EXISTING PAVEMENT
PERMANENT CLEARING IMPACT	WETLAND
PROJECT AREA BOUNDARY	

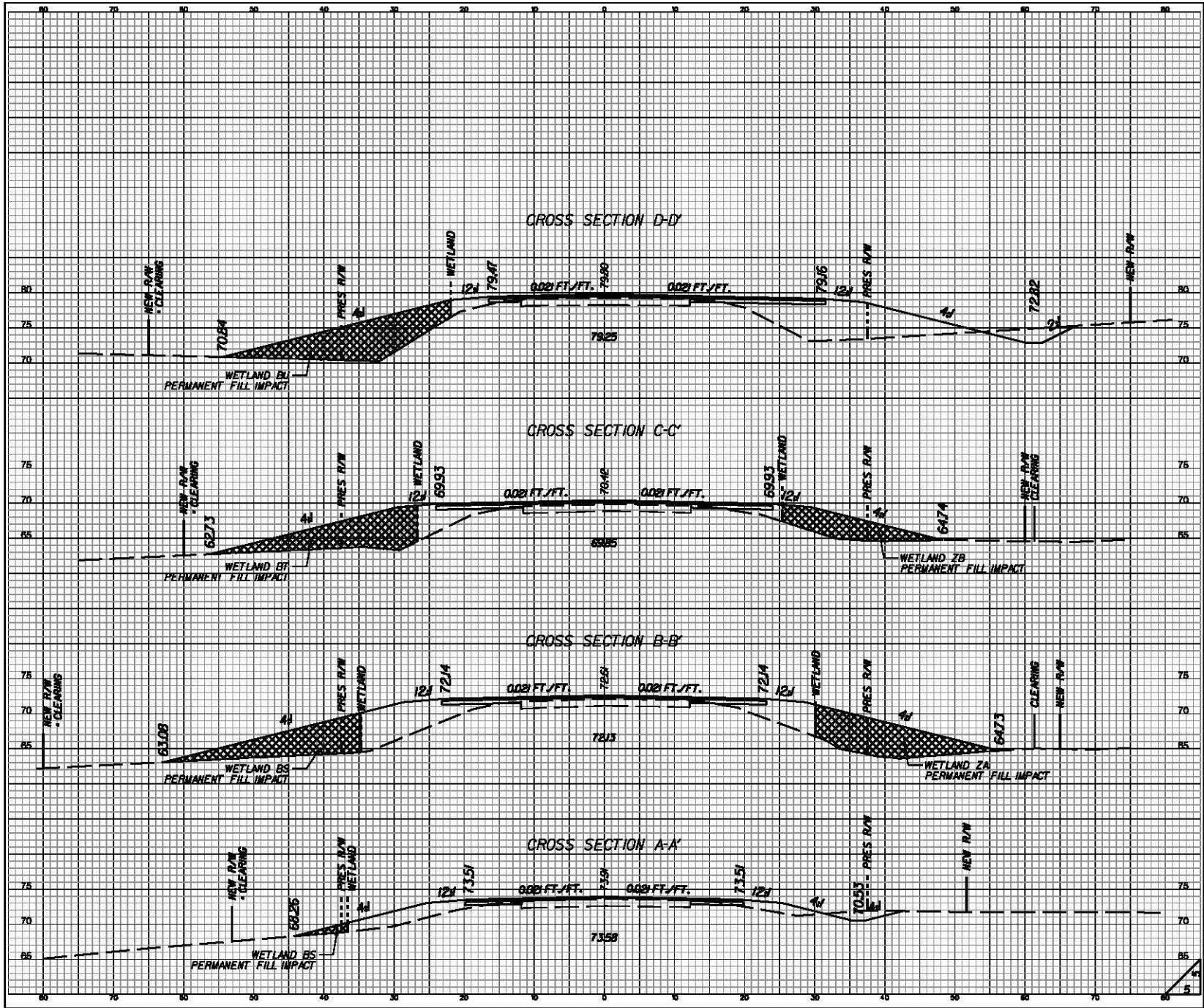
**U.S. HIGHWAY 78  
 DORCHESTER COUNTY, SC  
 APPLICATION BY DORCHESTER COUNTY  
 SEPTEMBER 2018**

**WET: CS**

---

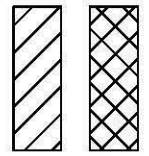
**SHEET 63**

PREPARED BY:  
DAVIS &  
FLOYD, INC.  
CHARLESTON, SC



PERMANENT EXCAVATION  
IMPACT

PERMANENT FILL IMPACT

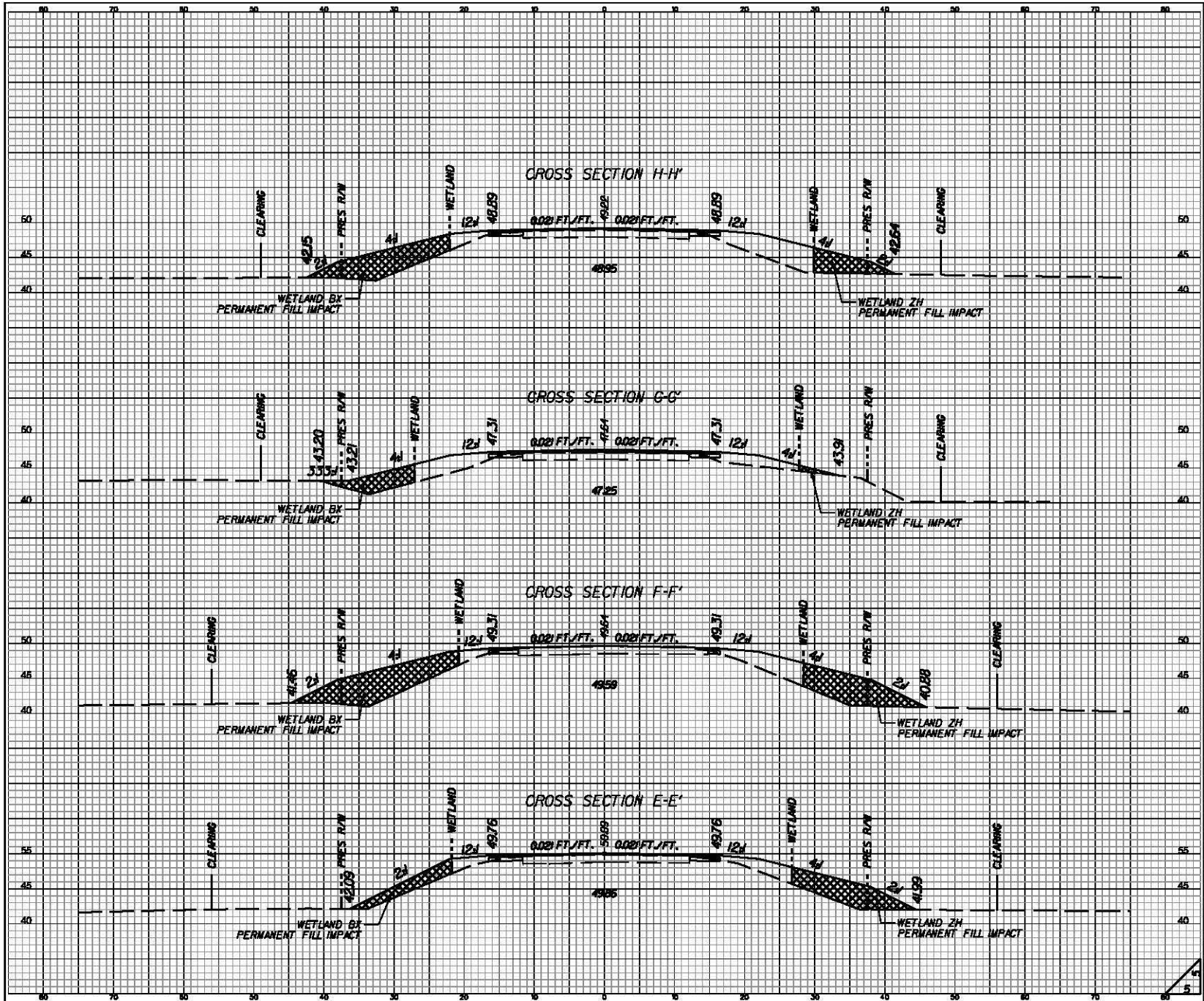


WETLANDS BS, BT,  
BU, ZA, ZB

SHEET 64

1" = 20'

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 CHARLESTON, SC



PERMANENT EXCAVATION IMPACT

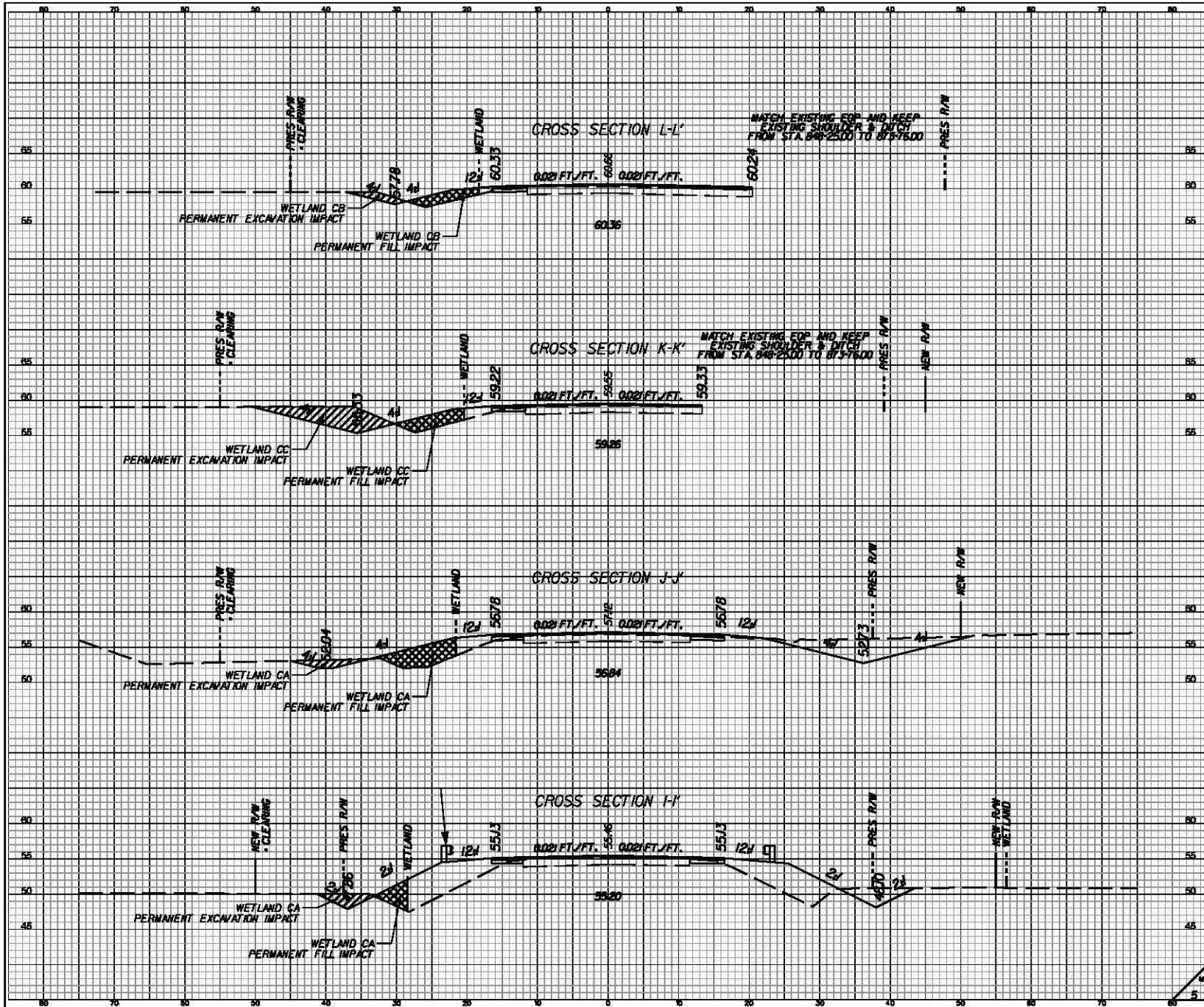
PERMANENT FILL IMPACT

WETLANDS BX, ZH

SHEET 65

1" = 20'

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**PERMANENT EXCAVATION IMPACT**

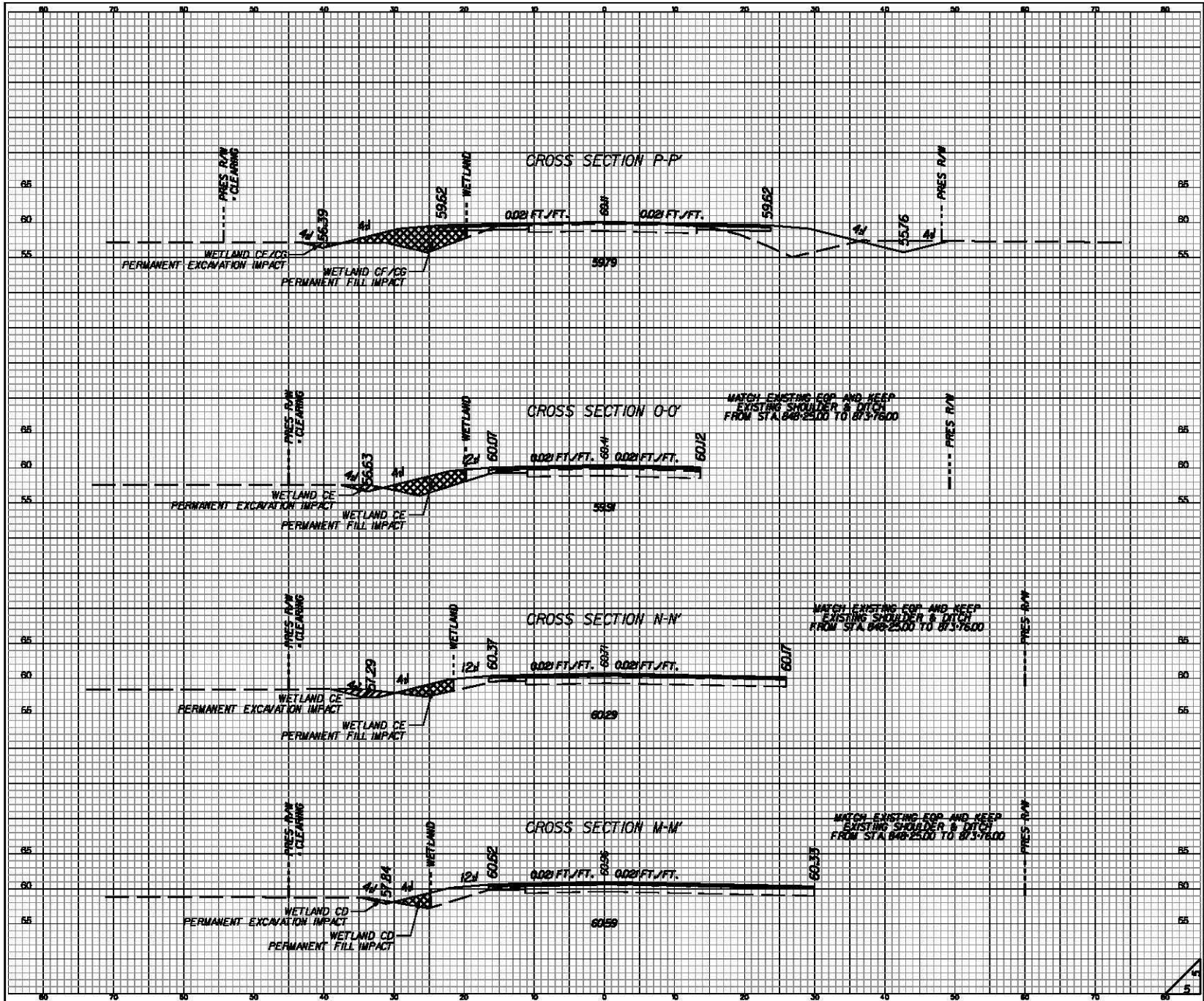
**PERMANENT FILL IMPACT**

WETLANDS CA, CB, CC

SHEET 66

1" = 20'

PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



PERMANENT EXCAVATION IMPACT

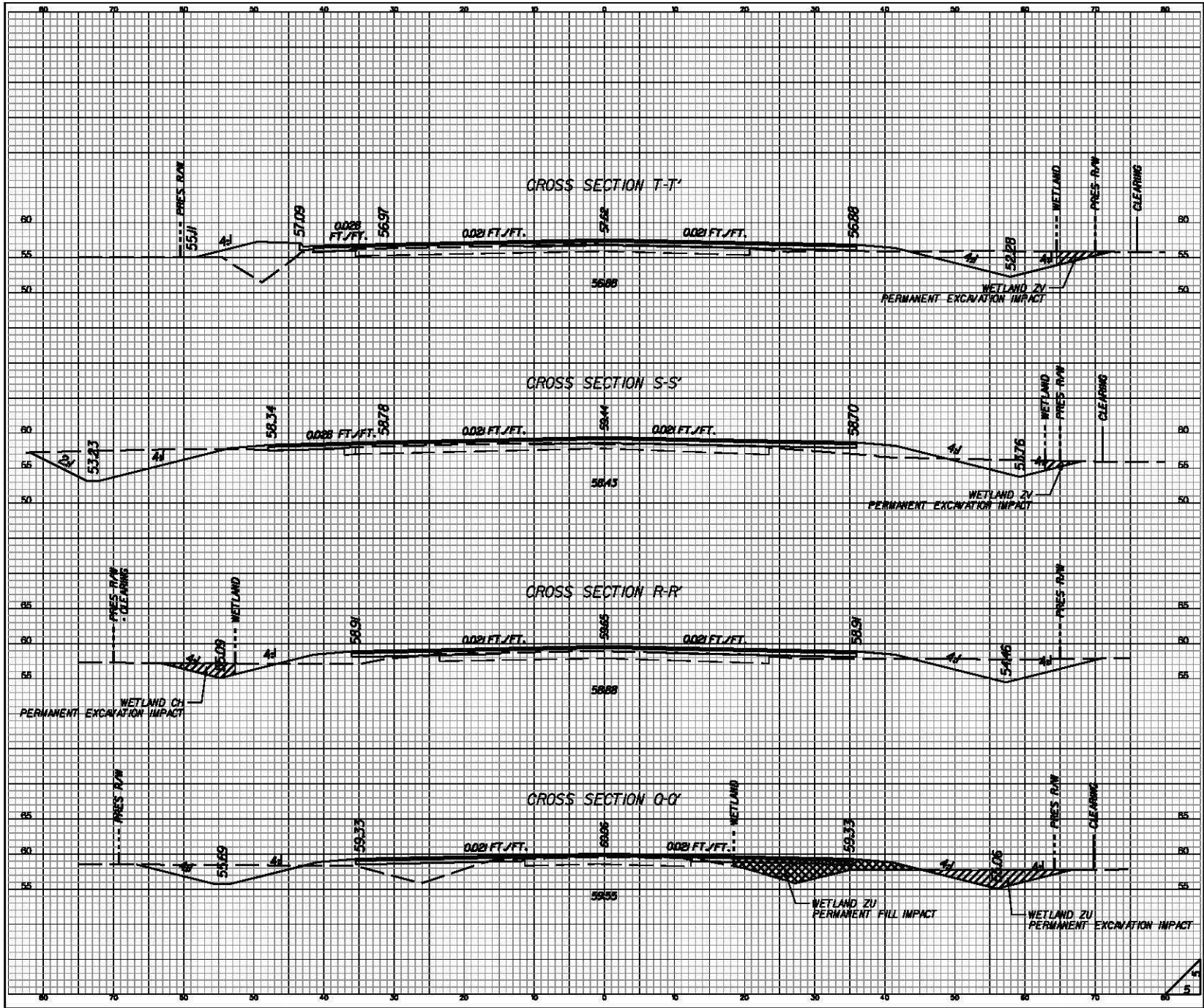
PERMANENT FILL IMPACT

WETLANDS CE, CFCG

SHEET 67

1" = 20'

PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

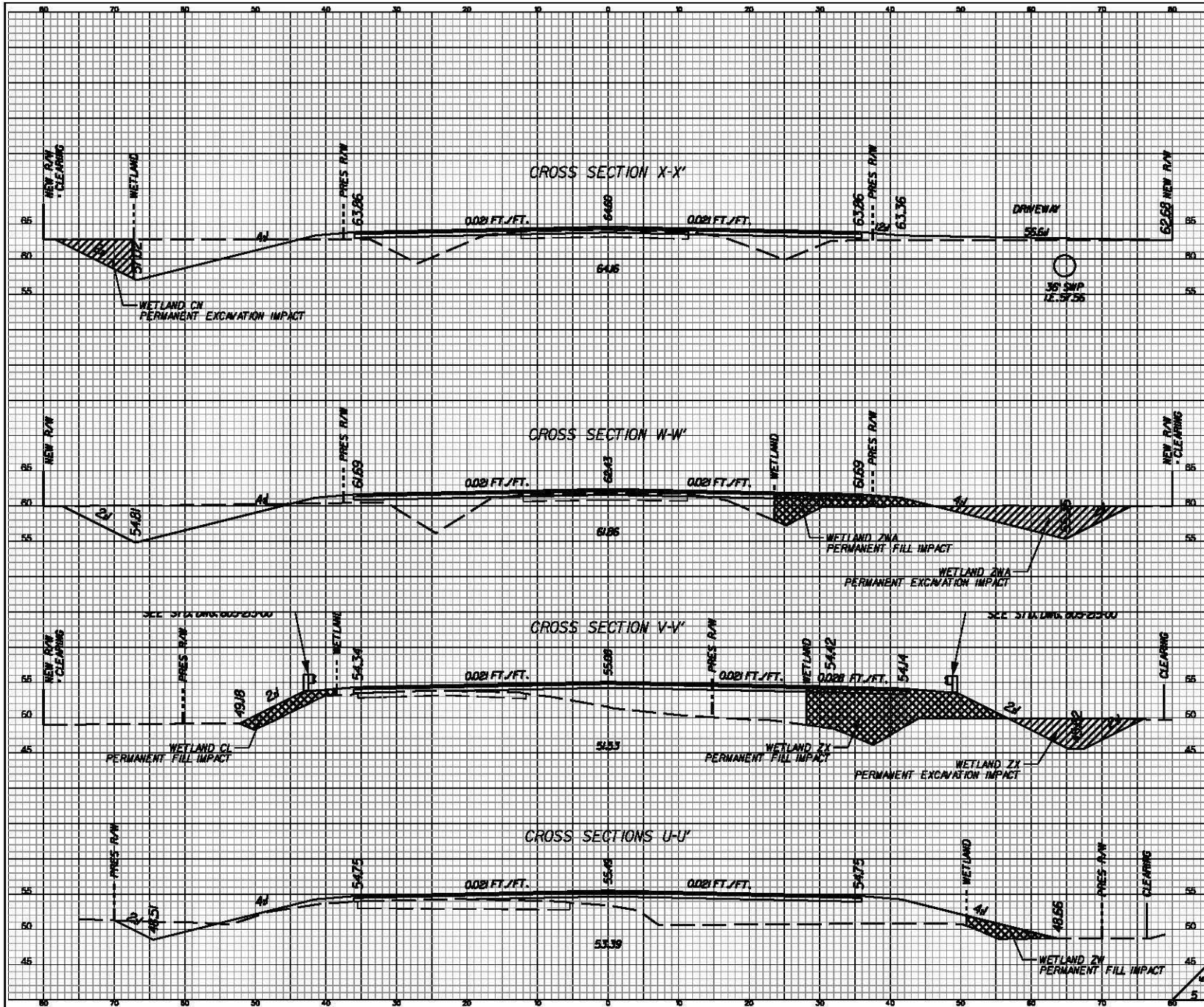
PERMANENT FILL IMPACT

WETLANDS CH, ZU,  
 ZV

SHEET 68

1" = 20'

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**PERMANENT EXCAVATION IMPACT**

**PERMANENT FILL IMPACT**

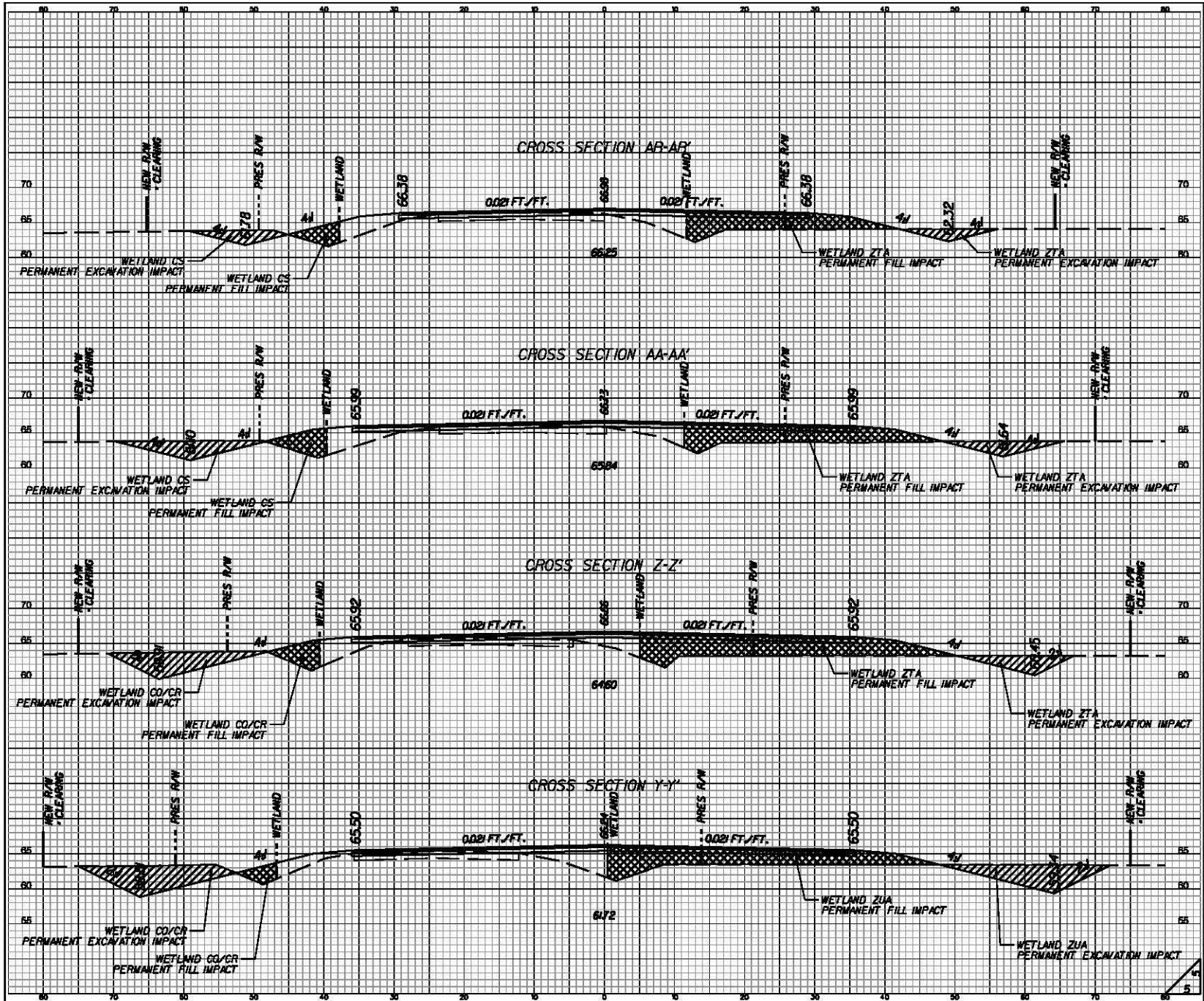
WETLANDS CL, CN,  
 ZW, ZX, ZWA

SHEET 69

1" = 20'



PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**PERMANENT EXCAVATION IMPACT**

**PERMANENT FILL IMPACT**

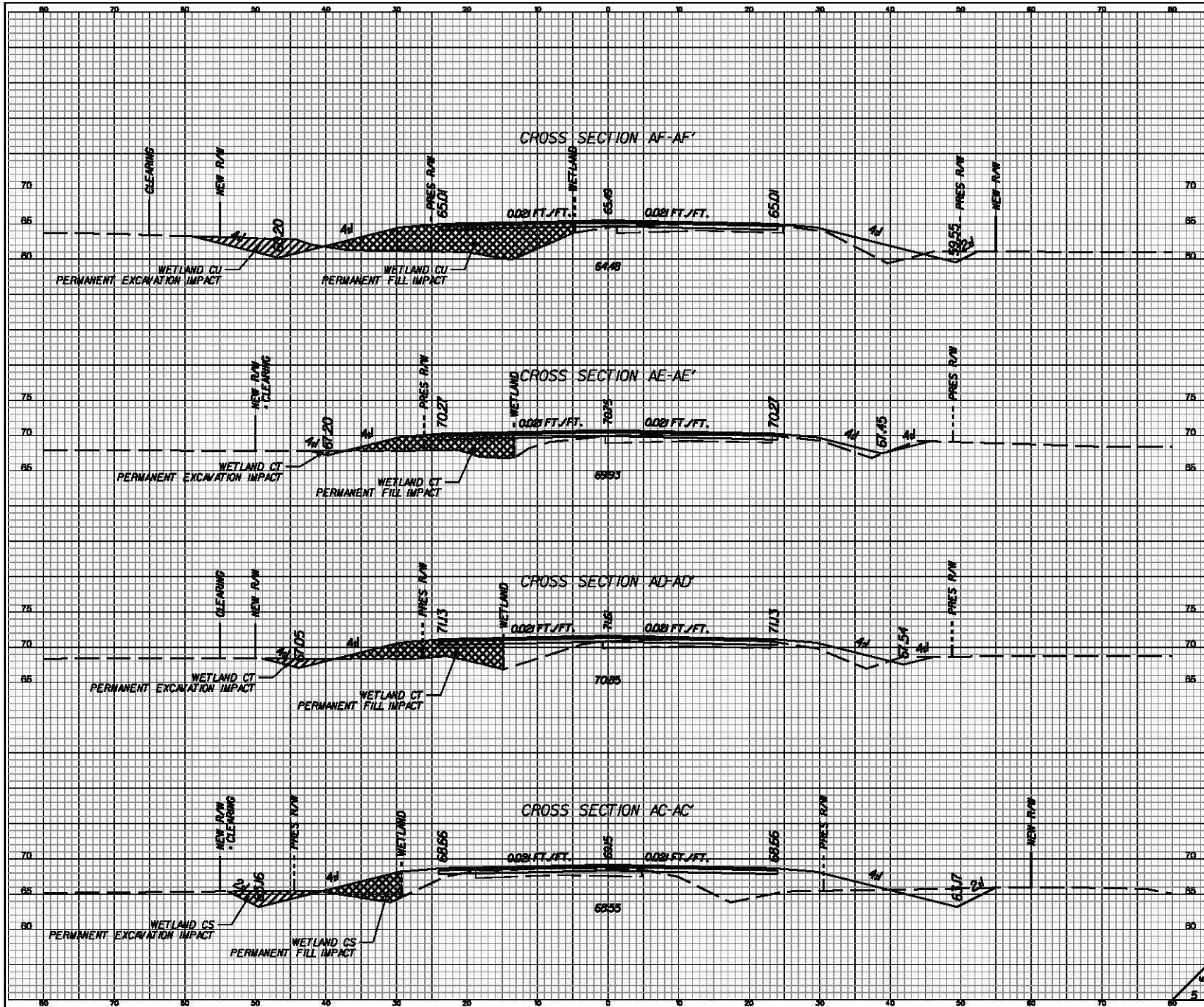
The legend consists of two rectangular boxes. The first box contains diagonal hatching from the top-left to the bottom-right, representing permanent excavation impact. The second box contains a cross-hatched pattern, representing permanent fill impact.

WETLANDS CO/CR, CS, ZUA, ZTA

SHEET 70

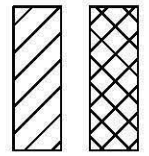
1" = 20'

PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

PERMANENT FILL IMPACT

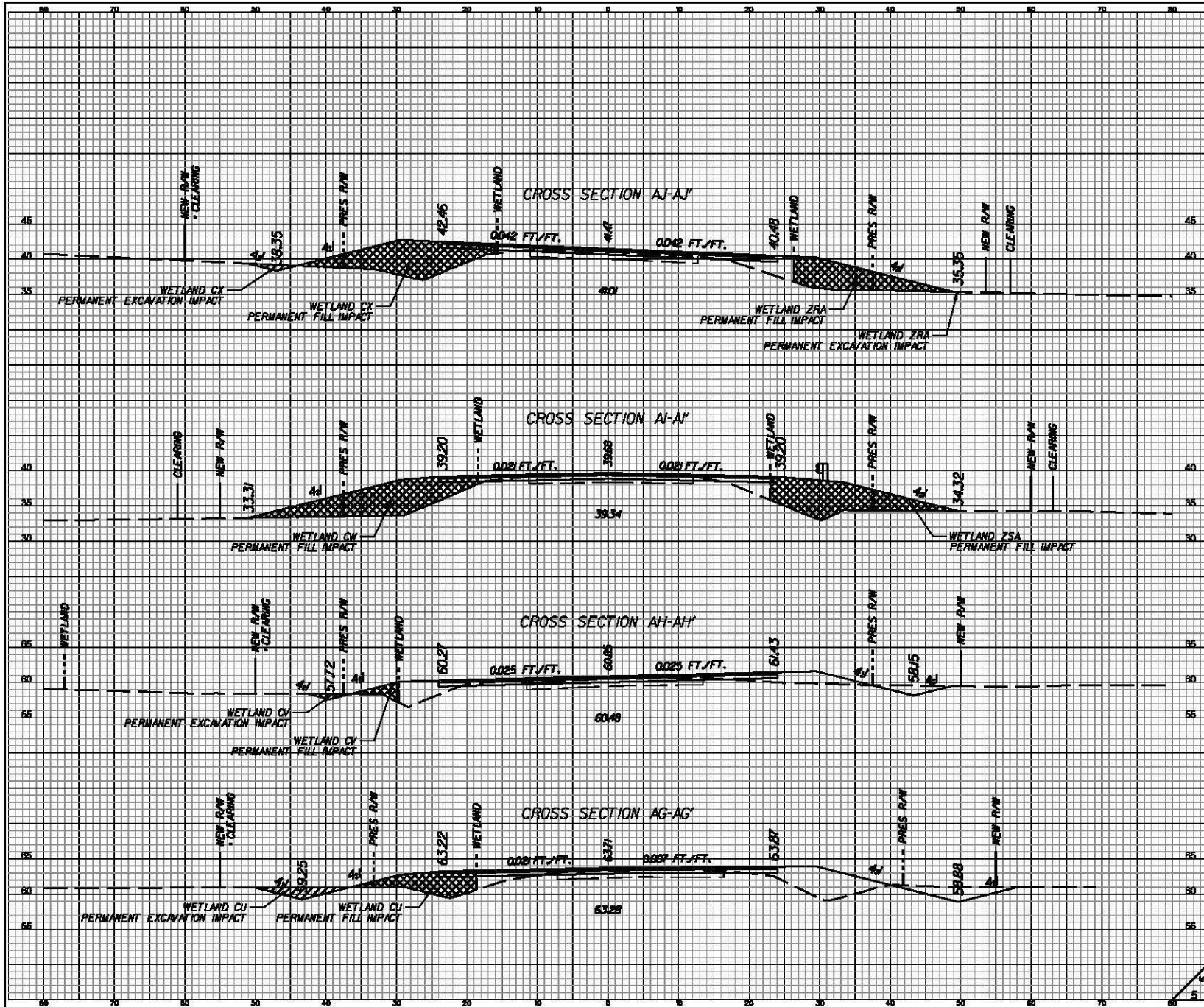


WETLANDS CS, CT, CU

SHEET 71

1" = 20'

PREPARED BY:  
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 CHARLESTON, SC



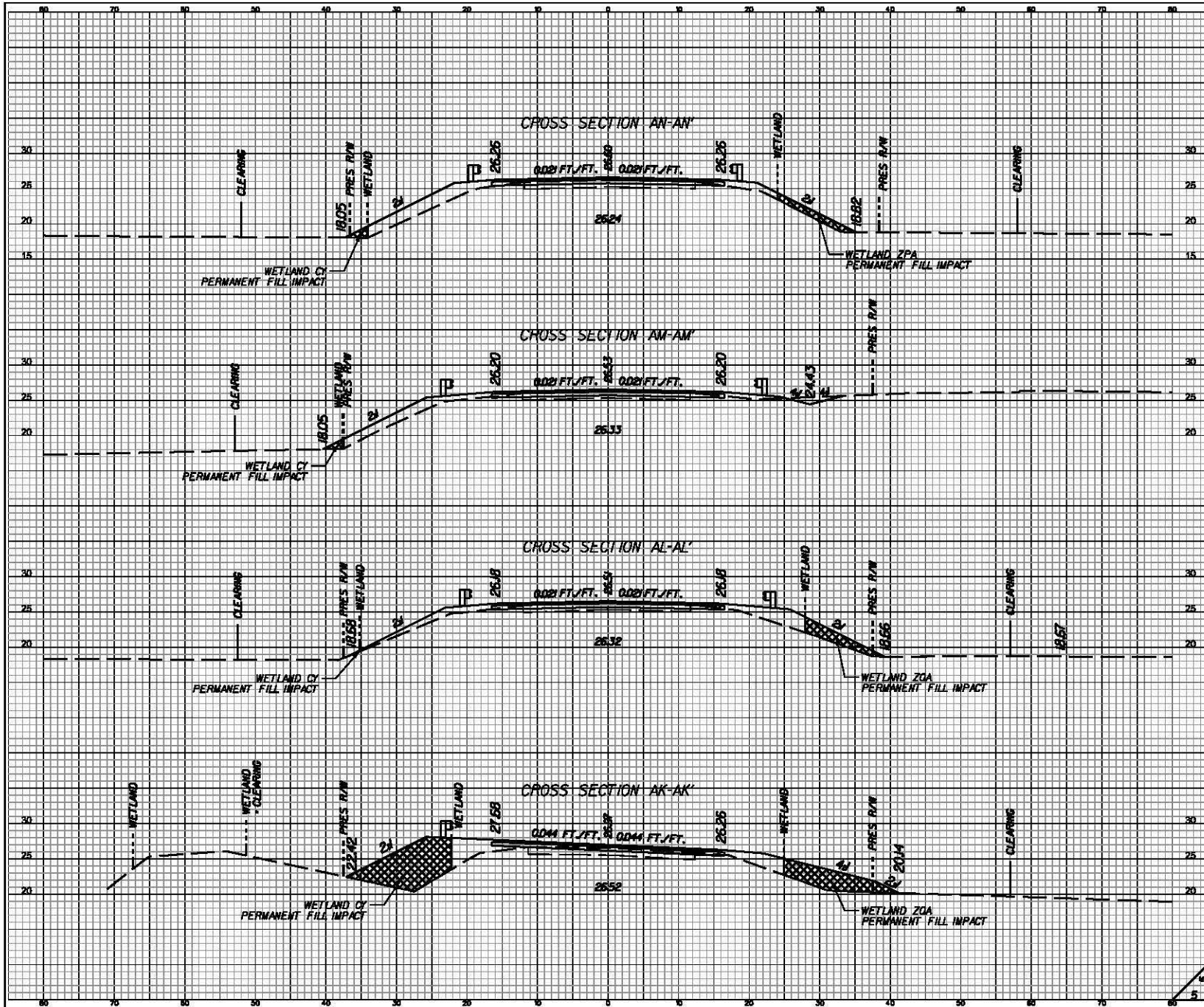
PERMANENT EXCAVATION IMPACT  
 PERMANENT FILL IMPACT

WETLANDS CU, CV, CW, CX, ZSA, ZRA

SHEET 72

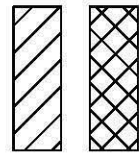
1" = 20'

PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

PERMANENT FILL IMPACT

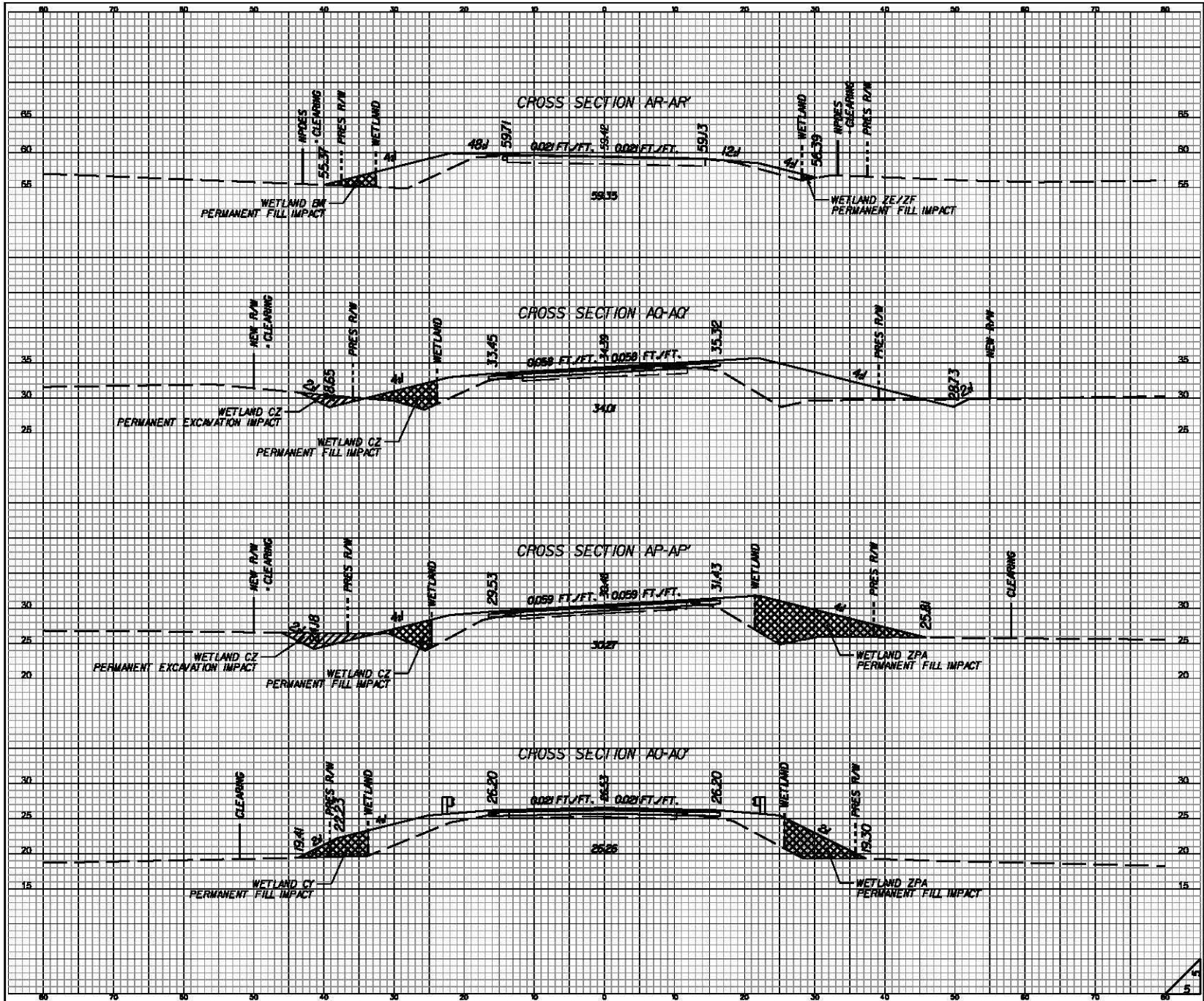


WETLANDS CY,  
 ZQA, ZPA

SHEET 73

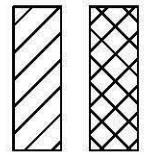
1" = 20'

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

PERMANENT FILL IMPACT

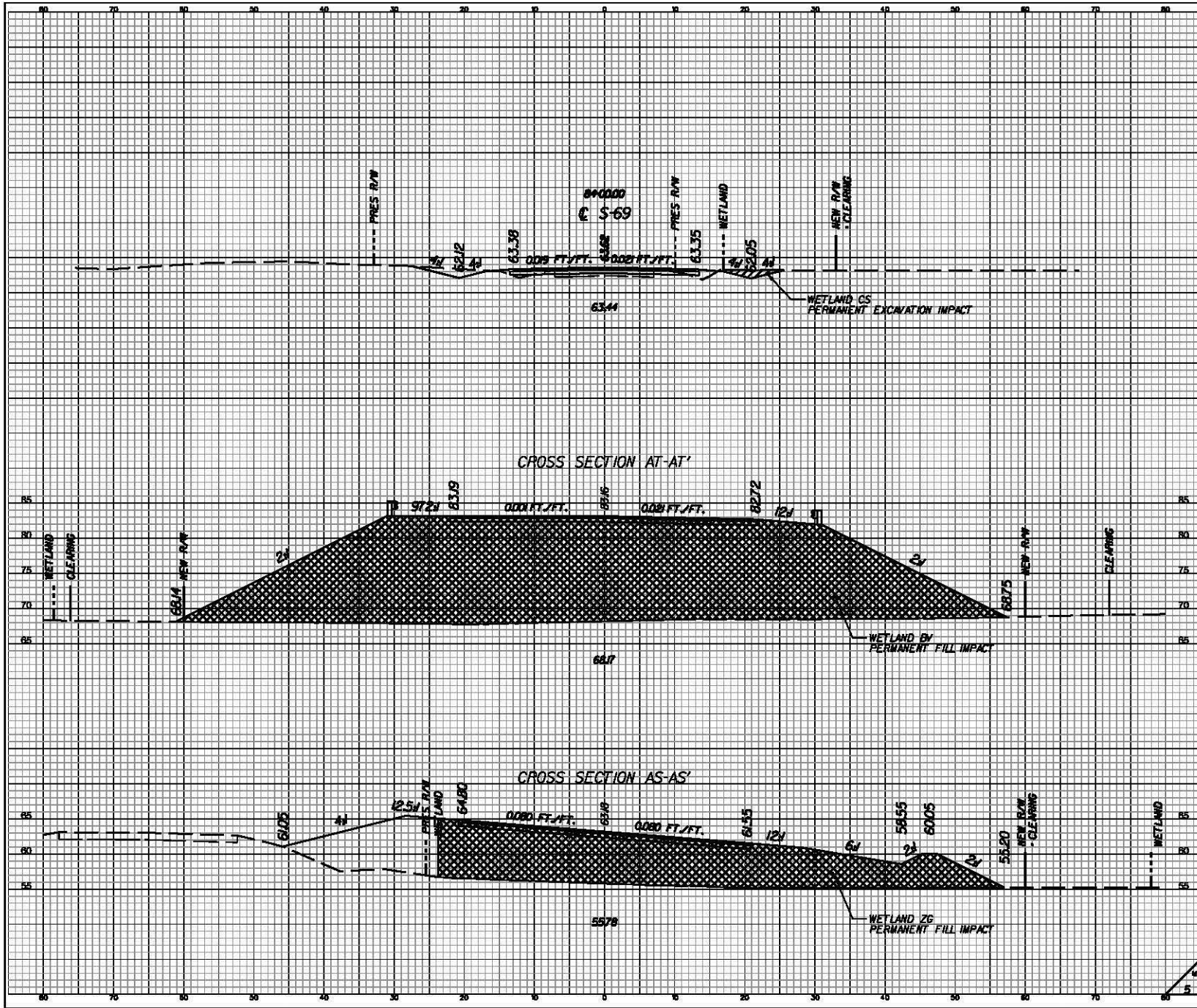


WETLANDS CY, CZ,  
 BW, ZPA, ZE/ZF

SHEET 74

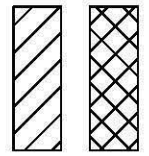
1" = 20'

PREPARED BY:  
 DAVIS &  
 FLOYD, INC.  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

PERMANENT FILL IMPACT

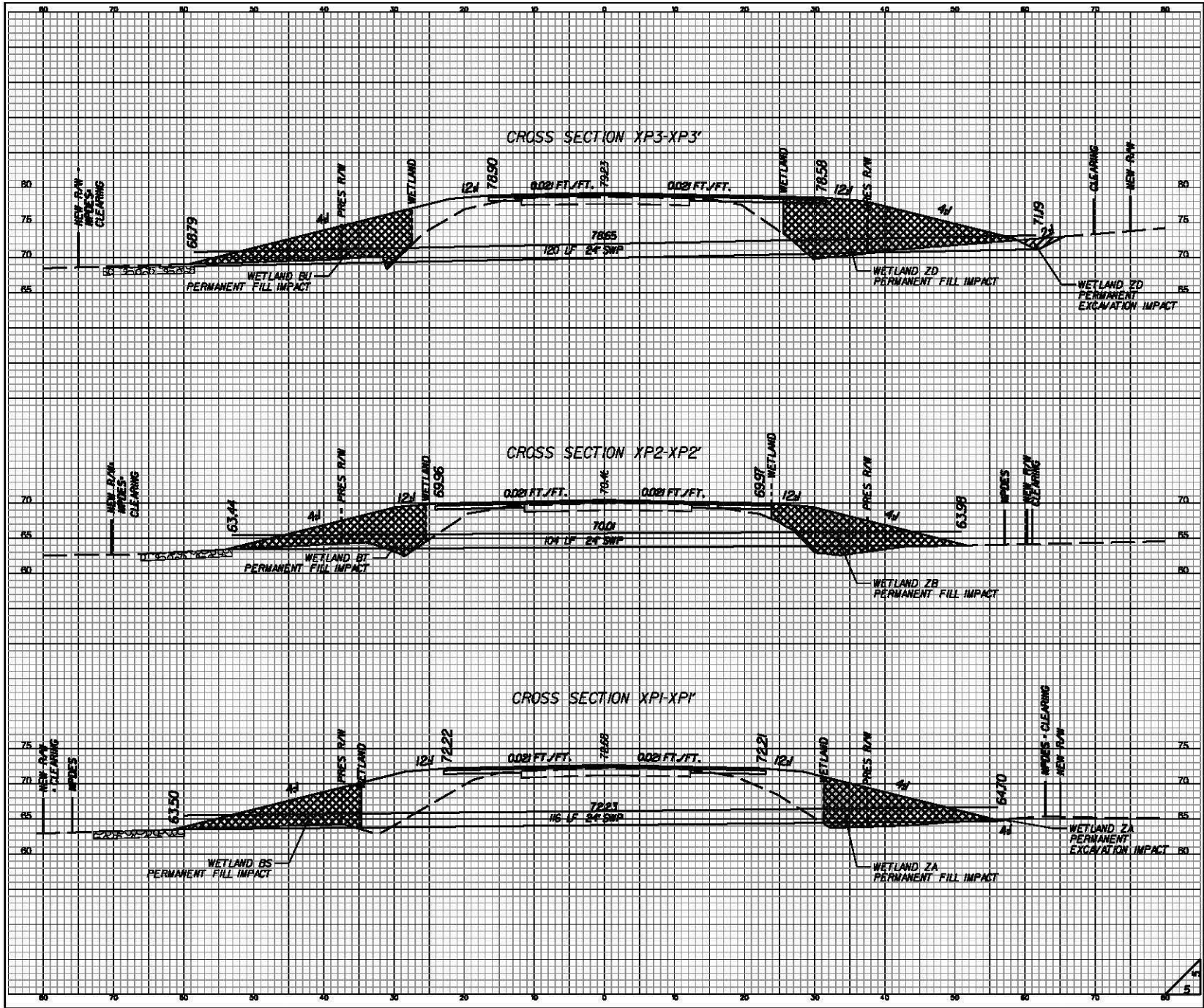


WETLANDS ZG, BV,  
 CS

SHEET 75

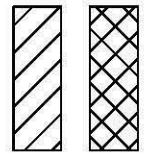
1" = 20'

PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



**PERMANENT EXCAVATION  
 IMPACT**

**PERMANENT FILL IMPACT**

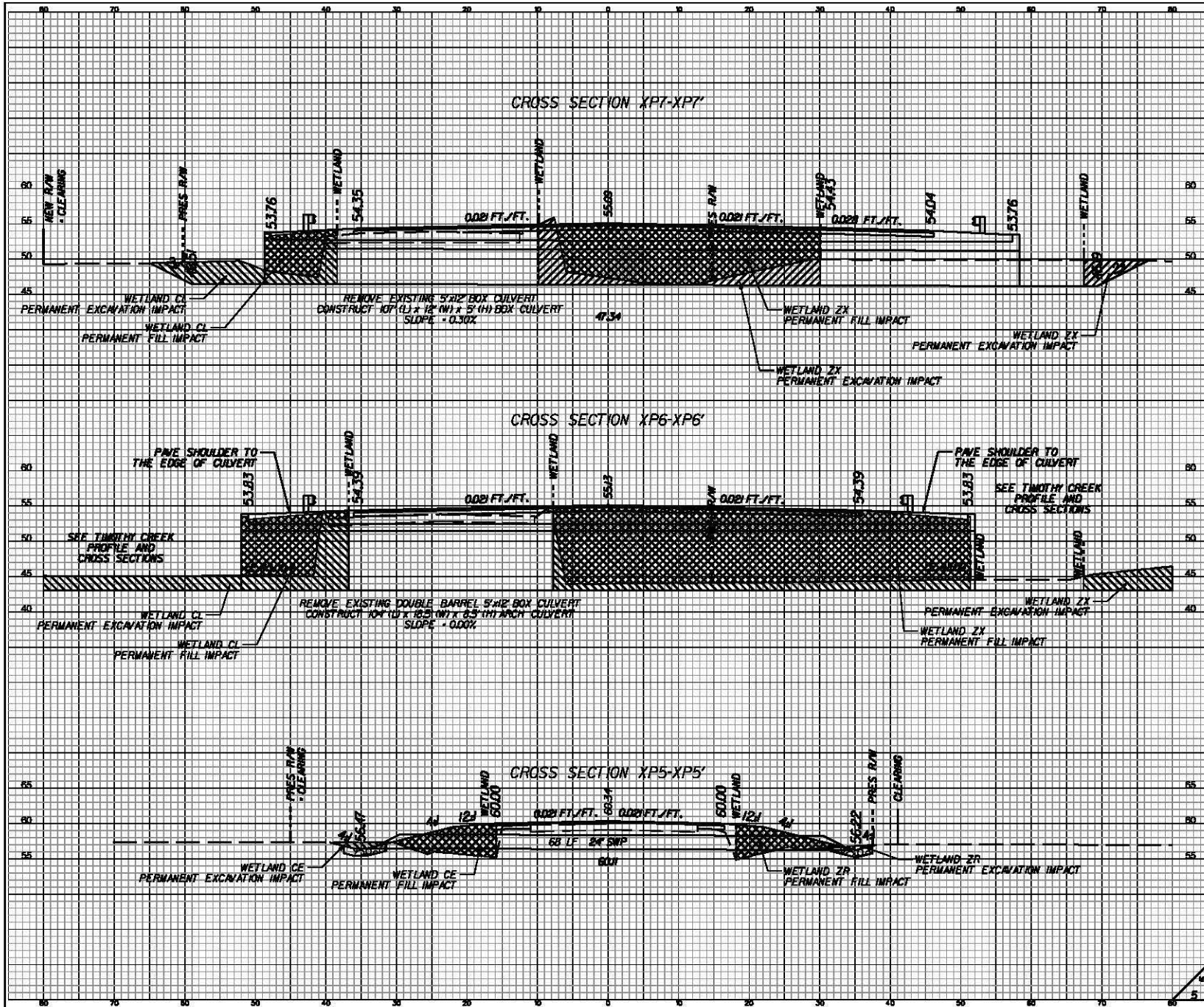


WETLANDS BS, BT,  
 BU, ZA, ZB, AND ZD

SHEET 76

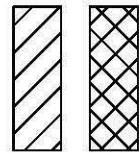
1" = 20'

PREPARED BY:  
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FLOYD, INC.  
CHARLESTON, SC



PERMANENT EXCAVATION  
IMPACT

PERMANENT FILL IMPACT



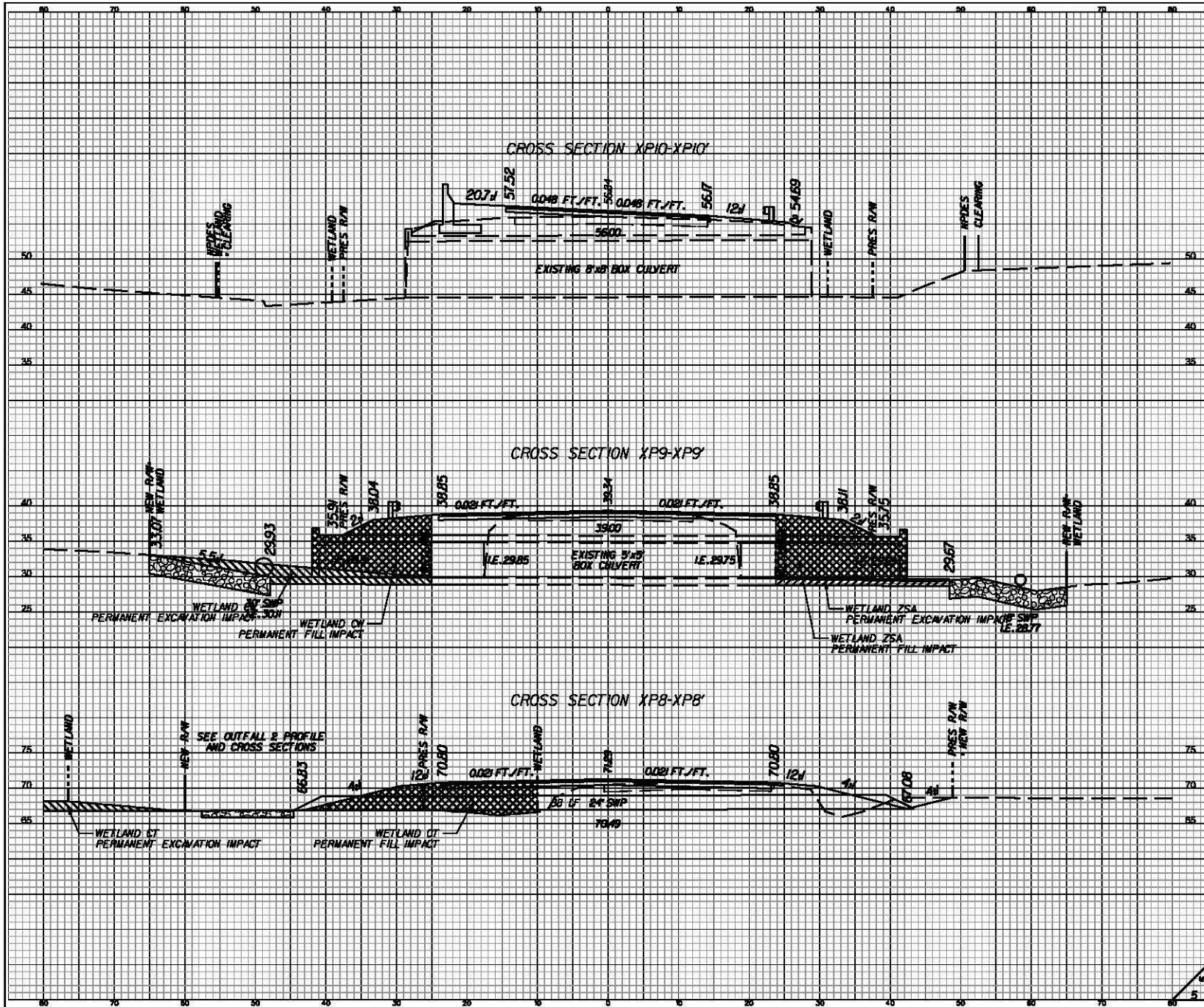
WETLANDS CE, CL,  
ZR, ZX

SHEET 77

1" = 20'

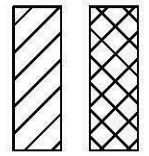


PREPARED BY:  
**DAVIS &  
 FLOYD, INC.**  
 CHARLESTON, SC



PERMANENT EXCAVATION  
 IMPACT

PERMANENT FILL IMPACT



WETLANDS CT,  
 CW, ZSA

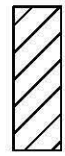
SHEET 78

1" = 40'

PREPARED BY:  
DAVIS &  
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CHARLESTON, SC

PERMANENT EXCAVATION  
IMPACT

PERMANENT FILL IMPACT



WETLANDS BY

SHEET 79

1" = 40'

