

Appendix M

Preliminary Jurisdictional Determination

Critical Area Plat





DEPARTMENT OF THE ARMY
CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A HAGOOD AVENUE
CHARLESTON, SOUTH CAROLINA 29403-5107

October 31, 2019

Regulatory Division

South Carolina Department of Transportation
Attn: Mr. Sean Connolly
Post Office Box 191
Columbia, South Carolina 29202-0191
ConnollyMS@scdot.org

Dear Mr. Connolly:

This is in response to your request for a Preliminary Jurisdictional Determination (PJD) (SAC-2019-00593) received in our office on July 15, 2019, for a 1,611.97-acre site located along I-526 and I-26, Charleston County, South Carolina. Along I-526 the project extends on the extern extent from the Cooper River near Virginia Avenue and continues west past Glenn McConnell Parkway and Paul Cantrell Boulevard, ending adjacent to the Citadel Mall. The north and south extent of the project extends from 108-ft north of Eagle Drive to 2,030-ft south of West Montague Drive, along I-26. (Center of project: Latitude: 32.883452°, Longitude: -80.019879°). A PJD is used to indicate the approximate location(s) and boundaries of wetlands and/or other aquatic resources presumed to be waters of the United States on a site pursuant to Section 404 of the Clean Water Act (CWA) (33 U.S.C. § 1344) and/or navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act of 1899 (RHA) (33 U.S.C. § 403).

The site is shown on the referenced depictions, sheets 1 through 6 of 6, entitled "I-526 Lowcountry Corridor West Grid Index Layout" and dated October 31, 2019, and sheets 1 through 85 of 85, entitled "I-526 Lowcountry Corridor Aquatic Resources" and dated October 31, 2019, both prepared by Civil Engineering Consulting Services, Inc. Based upon on-site inspections, a review of aerial photography, topographic maps, National Wetlands Inventory maps, LiDAR depictions, soil survey information, and Wetland Determination Data Forms, we conclude the boundaries shown on the referenced depiction are a reasonable approximation of the aquatic resources found within the site that are presumed to be subject to regulatory jurisdiction of the Corps of Engineers. While the project area expected to be evaluated in the permit application will encompass a project area of 1673.52 acres, 61.55 acres of that area is not included in this PJD as that area is subject to Department of the Army Permit SAC-2004-13767 (Boeing). Therefore, the project area evaluated in this PJD includes an area of 1,611.97 acres. The project area in question contains approximately 119.79 acres of federally defined wetlands and approximately 6.89 acres of open water and approximately 9.46 acres (or 28,390.01 linear feet) of other aquatic resources that are presumed to be waters of the United States subject to Corps' jurisdiction under Section 404 of the CWA. The site also contains 203.98 acres of federally defined wetlands and 13.25 acres of open water that are presumed to be waters of the United States subject to Corps' jurisdiction under Section 404 of the CWA and are also navigable waters of the United States subject to Corps' jurisdiction under Section 10 of the RHA.

You are cautioned the boundaries of the delineated wetlands and/or other aquatic resources presumed to be subject to regulatory jurisdiction of the Corps of Engineers shown on the attached depiction are approximate and subject to change.

By providing this PJD, the Corps of Engineers is making no legally binding determination of any type regarding whether jurisdiction exists over the particular aquatic resource(s) in question. This PJD is not a definitive determination of the presence or absence of areas within the Corps of Engineers' jurisdiction, and, therefore, it does not have an expiration date. Also note this PJD is not an appealable action under the Corps of Engineers' administrative appeal procedures defined at 33 CFR 331 as it is not a final action. A PJD is "preliminary" in the sense that a recipient of a PJD can later request and obtain an Approved Jurisdictional Determination (AJD) for a definitive, official determination of the presence or absence of jurisdictional aquatic resources on a site, including the identification of the geographic limits of the jurisdictional aquatic resources. To receive a definitive determination of jurisdiction, you must submit an AJD request.

Be aware a permit from this office may be required for certain activities in the areas identified as wetlands and/or other aquatic resources that are presumed to be subject to regulatory jurisdiction of the Corps of Engineers. These areas may further be subject to restrictions or requirements of other state or local government agencies. A PJD may be used as the basis of a permit decision however, when computing impacts, compensatory mitigation requirements, and other resource protection measures, a permit decision made on the basis of a PJD will treat all aquatic resources affected in any way by the permitted activity as jurisdictional. If you intend to request an AJD in the future, you are advised not to commence work in these wetlands and/or other aquatic resources presumed to be jurisdictional prior to receiving the AJD. Attached is a Preliminary Jurisdictional Determination Form describing the areas in question and clarifying the option to request an AJD.

If you submit a permit application as a result of this PJD, include a copy of this letter and the referenced depictions as part of the application. Not submitting the letter and depiction will cause a delay while we confirm a PJD was performed for the proposed permit project area. Note that some or all of these areas may be regulated by other state or local government entities, and you should contact the South Carolina Department of Health and Environmental Control, Bureau of Water, or Department of Ocean and Coastal Resource Management, to determine the limits of their jurisdiction.

This PJD was conducted to identify approximate location(s) of aquatic resources presumed to be subject to regulatory jurisdiction of the Corps of Engineers on the particular site identified in this request. This PJD may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

Attached is a copy of the Preliminary Jurisdictional Determination Form signed by our office. Please sign, retain a copy for your records, and return a signed copy to this office within 30 days of receipt of this letter.

In all future correspondence, please refer to file number SAC-2019-00593. A copy of this letter is being forwarded to State and/or Federal agencies for their information. If you have any questions, please contact Christopher Mims by phone at 843-329-8154, or by email at Christopher.D.Mims@usace.army.mil.

Sincerely,

Amanda L. Heath
Chief, Special Projects Branch

Attachments:

Preliminary Jurisdictional Determination Form
Notification of Appeal Options
Delineation depiction: Titled "I-95 Bridge Replacement over Bagshaw Swamp", and dated August 2019

Copies Furnished:

South Carolina Department of Transportation
Attn: Mr. Will McGoldrick
Post Office Box 191
Columbia, South Carolina 29202-0191
BeckhamJC@scdot.org

Civil Engineering Consulting Services, Inc.
Attn: Mr. Robert Hibbitts
2000 Park Street, Suite 201
Columbia, South Carolina 29201
hibbittsr@cecsinc.com

Three Oaks Engineering
Attn: Russell Chandler
1310 Lady Street, Suite 400
Columbia, South Carolina 29201
russell.chandler@threeoaksengineering.com

SCDHEC - Bureau of Water
2600 Bull Street
Columbia, South Carolina 29201
WQCWetlands@dhec.sc.gov

SCDHEC - OCRM
1362 McMillan Avenue, Suite 400
North Charleston, South Carolina 29405
OCRMPermitting@dhec.sc.gov

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: October 31, 2019

B. NAME AND ADDRESS OF PERSON REQUESTING PJD:

Applicant:

South Carolina Department of
Transportation
Attn: Mr. Will McGoldrick
955 Park Street
Columbia, South Carolina 29201
McGoldriWR@scdot.org

Consultant

Civil Engineering Consulting Services, Inc.
Attn: Mr. Robert Hibbitts
2000 Park Street, Suite 201
Columbia, South Carolina 29201
hibbittsr@cecsinc.com

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: Charleston District, SCDOT I-526 and I-26 Lowcountry Corridor West in Charleston County Project ID P032102, SAC-2019-00593

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: The project is located largely along I-526 and I-26. Along I-526 the project extends on the eastern extent from the Cooper River near Virginia Avenue and continues west past Glenn McConnell Parkway and Paul Cantrell Boulevard and ends adjacent to the Citadel Mall. The north and south extent of the project extends from 108-ft north of Eagle Drive to 2,030-ft south of West Montague Drive, along I-26.

On behalf of the applicant, the South Carolina Department of Transportation, Civil Engineering Consulting Services, and Three Oaks Engineering prepared documentation in support of the preliminary presumption of jurisdiction described herein by this office. This Preliminary Jurisdictional Determination has been prepared in support of an in advance of an anticipated permit application for the widening and improvement of the existing Interstate 526 and Interstate 26, within the above referenced project location. While the project area expected to be evaluated in the permit application will encompass a project area of 1673.52 acres, 61.55 acres of that area is not included in this PJD as that area is subject to Department of the Army Permit number SAC-2004-13767 (Boeing). The project area evaluated in this PJD includes an area of 1,611.97 acres.

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: South Carolina County/parish/borough: Charleston City: Charleston

Center coordinates of site (lat/long in degree decimal format):

Lat.: 32.883452° Long.: -80.019879°

Locations of project termini:

Termini Location	Latitude	Longitude
East I-526	32.891526°	-79.966103°
West I-526	32.79735°	-80.034977°
North I-26	32.915766°	-80.031441°
South I-26	32.868551°	-80.006186°

Universal Transverse Mercator:

Name of nearest waterbody: Ashley River, Cooper River, Filbin Creek

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date: October 31, 2019

Field Determination. Date(s): August 28, 2019, September 16, 2019, September 18, 2019, September 20, 2019.

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH “MAY BE” SUBJECT TO REGULATORY JURISDICTION.

1A. Freshwater Wetlands (area of waters in acres unless otherwise indicated)

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource “may be” subject (i.e., Section 404 or Section 10/404)
Wetland FA-1	32.810982	-80.052325	0.06	PFO	Section 404
Wetland FA-2	32.811417	-80.049709	0.49	PEM	Section 404
Wetland FA-3A	32.913783	-80.042550	0.04	PFO	Section 404
Wetland FA-3B	32.814413	-80.041902	0.11	PFO	Section 404
Wetland FB-1	32.809749	-80.040036	0.17	PEM	Section 404
Wetland FB-2	32.809485	-80.039749	0.93	PFO	Section 404
Wetland FB-3	32.809869	-80.038892	0.95	PFO	Section 404
Wetland FC-1	32.808074	-80.039532	3.50	PFO	Section 404
Wetland FD-1	32.810785	-80.038640	0.12	PFO	Section 404
Wetland FE-1	32.807052	-80.035022	4.47	PFO	Section 404
Wetland FF-1	32.802420	-80.035449	0.75	PFO	Section 404
Wetland FF-2	32.801659	-80.035198	0.25	PFO	Section 404
Wetland FF-3	32.800642	-80.035258	0.86	PFO	Section 404
Wetland FG-1	32.800238	-80.036479	0.50	PFO	Section 404
Wetland FG-2	32.825671	-80.029449	0.08	PFO	Section 404
Wetland FH-1A	32.813981	-80.034911	2.32	PEM	Section 404
Wetland FH-1B	32.913981	-80.034911	0.23	PFO	Section 404
Wetland FH-2	32.820140	-80.030219	0.42	PFO	Section 404
Wetland FI-1	32.820140	-80.030219	0.42	PFO	Section 404
Wetland FI-2	32.815408	-80.032262	0.18	PFO	Section 404
Wetland FI-3	32.816172	-80.031760	1.04	PFO	Section 404
Wetland FJ-1	32.817381	-80.032461	0.67	PFO	Section 404
Wetland FK-1	32.839325	-80.020128	0.47	PFO	Section 404
Wetland FL-2	32.857973	-80.023789	0.03	PEM	Section 404
Wetland FM-1	32.860479	-80.031146	0.25	PFO	Section 404
Wetland FN-1	32.866115	-80.026141	3.40	PFO	Section 404
Wetland FN-2	32.865978	-80.028411	1.28	PFO	Section 404
Wetland FN-3	32.868043	-80.023437	0.53	PFO	Section 404

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Wetland FN-4	32.868534	-80.023210	0.68	PFO	Section 404
Wetland FO-1	32.872495	-80.027481	2.33	PFO	Section 404
Wetland FO-5	32.874086	-80.257200	24.77	PFO	Section 404
Wetland FO-6	32.877838	-80.025986	0.99	PFO	Section 404
Wetland FO-7	32.880685	-80.024038	1.52	PFO	Section 404
Wetland FP-1	32.882852	-80.017717	11.84	PFO	Section 404
Wetland FP-5	32.882890	-80.015424	0.31	PFO	Section 404
1A. Freshwater Wetlands					
Wetland FP-8	32.886235	-80.017516	5.58	PFO	Section 404
Wetland FQ-1A	32.899072	-80.022033	0.56	PEM	Section 404
Wetland FQ-1B	32.901005	-80.021325	0.36	PEM	Section 404
Wetland FR-1	32.912566	-80.028194	0.11	PFO	Section 404
Wetland FR-2	32.914086	-80.028842	0.05	PFO	Section 404
Wetland FS-1	32.889525	-80.015181	0.05	PEM	Section 404
Wetland FS-2A	32.890035	-80.015271	0.24	PEM	Section 404
Wetland FS-2B	32.889317	-80.016318	1.38	PFO	Section 404
Wetland FT-1	32.889329	-80.010560	0.12	PEM	Section 404
Wetland FT-2	32.889059	-80.009476	1.49	PEM	Section 404
Wetland FU-1	32.891298	-80.005928	7.93	PFO/PEM	Section 404
Wetland FU-2	32.890349	-80.007111	0.02	PEM	Section 404
Wetland FV-1	32.894168	-79.996537	113.72	PFO/PEM	Section 404/10
Wetland FV-1A	32.893575	-79.997256	10.60	PFO	Section 404
Wetland FW-1	32.847254	-80.016957	0.44	PFO	Section 404
Wetland FW-2	32.847575	-80.018537	0.61	PFO	Section 404
Wetland FW-6	32.886091	-80.886091	0.18	PFO	Section 404
Wetland FW-8	32.885638	-80.019219	0.21	PFO	Section 404
Wetland FZ-1	32.869414	-80.010169	0.12	PFO/PEM	Section 404
Wetland WWAB	32.897820	-79.974097	0.09	PEM	Section 404
Wetland WWAA	32.897645	-79.974885	0.17	PEM	Section 404
Wetland WAC	32.893336	-79.975259	3.02	PSS	Section 404
Wetland WWA	32.893613	-79.986402	0.22	PFO	Section 404
Wetland WAD	32.893743	-79.988457	0.21	PFO	Section 404
Wetland WAB	32.893173	-79.973691	0.21	PEM	Section 404
Wetland WWC	32.893143	-79.989387	0.12	PFO	Section 404
Wetland WWB	32.892730	-79.986320	1.13	PFO	Section 404
Wetland WRAR	32.897399	-79.980520	0.26	PFO	Section 404
Wetland WRV	32.893110	-79.983903	4.81	PFO	Section 404
Wetland WAE	32.894017	-79.978105	2.54	PFO	Section 404
Wetland WTA	32.896447	-79.986076	0.95	PFO	Section 404
Wetland WJV	32.897168	-79.974366	2.08	PFO	Section 404
Wetland WJY	32.893884	-79.990779	1.35	PFO	Section 404
Wetland WJU	32.897402	-79.977252	0.28	PFO	Section 404
Wetland WRS	32.893472	-79.980931	2.52	PFO	Section 404
Wetland WRU	32.893546	-79.982492	1.53	PFO	Section 404
Wetland WJX	32.893119	-79.979504	0.91	PFO	Section 404
Wetland WJT	32.895280	-79.973786	0.09	PFO	Section 404
Wetland WTZ	32.891302	-79.978222	0.29	PFO	Section 404

1B. Critical Area Wetlands

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
Wetland CW-1B	32.811925	-80.050012	0.35	E2EM	Section 10 tidal
Wetland CW-1C	32.819614	-80.031591	5.88	E2EM	Section 10 tidal
Wetland CW-1E	32.823806	-80.031133	0.64	E2EM	Section 10 tidal
Wetland CW-2H	32.832757	-80.026918	16.43	E2EM	Section 10 tidal
Wetland CW-1I	32.838385	-80.022346	3.76	E2EM	Section 10 tidal
Wetland CW-1J	32.838772	-80.020506	2.30	E2EM	Section 10 tidal
Wetland CW-2C	32.818520	-80.030525	3.00	E2EM	Section 10 tidal
Wetland CW-1G	32.826757	-80.029174	1.86	E2EM	Section 10 tidal
Wetland CW-2G	32.827699	-80.030218	5.71	E2EM	Section 10 tidal
Wetland CW-1H	32.830243	-80.028896	11.88	E2EM	Section 10 tidal
Wetland CART	32.891433	-79.965432	38.45	E2EM	Section 10 tidal

1C. Non-wetlands waters (Freshwater Streams)

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource “may be” subject (i.e., Section 404 or Section 10/404)
Non-wetlands waters FS-B1	32.806277	-80.037764	0.03 Acres/198.35 LF	R3UB	Section 404
Non-wetlands waters FS-C1	32.808298	-80.039691	0.31 Acres/1011.36 LF	R3UB	Section 404
Non-wetlands waters FS-D1	32.816979	-80.030525	0.04 Acres/95.16 LF	R3UB	Section 404
Non-wetlands waters FS-F1	32.859455	-80.020988	0.31 Acres/1575.16 LF	R3UB	Section 404
Non-wetlands waters FS-G1	32.860706	-80.031301	0.10 Acres/207.35 LF	R3UB	Section 404
Non-wetlands waters FS-G2	32.860027	-80.030486	0.01 Acres/485.54 LF	R3UB	Section 404
Non-wetlands waters FS-H1A	32.887423	-80.014750	4.14 Acres/8831.15 LF	R2UB	Section 404
Non-wetlands waters FS-H1B	32.894836	-79.995179	7.24 Acres/9204.92 LF	R2UB	Section 10/404
Non-wetlands waters FS-H2	32.878957	-80.017639	1.25 Acres/4568.80 LF	R3UB	Section 404
Non-wetlands waters FS-H3	32.878682	-80.016210	1.38 Acres/3028.81 LF	R3UB	Section 404
Non-wetlands waters FS-H4	32.882983	-80.016239	0.29 Acres/1236.77 LF	R3UB	Section 404
Non-wetlands waters FS-H5	32.884010	-80.015183	0.45 Acres/1278.41 LF	R3UB	Section 404
Non-wetlands waters FS-H7	32.888053	-80.018283	0.03 Acres/1081.98 LF	R3UB	Section 404
Non-wetlands waters FS-H8	32.890083	-80.014732	0.01 Acres/115.31 LF	R3UB	Section 404
Non-wetlands waters FS-H9	32.889516	-80.008745	0.05 Acres/264.60 LF	R3UB	Section 404
Non-wetlands waters FS-H10	32.890998	-80.007257	0.08 Acres/560.97 LF	R3UB	Section 404
Non-wetlands waters FS-H11	32.892436	-80.004275	0.09 Acres/590.61 LF	R3UB	Section 404
Non-wetlands waters FS-H12	32.893201	-80.000842	0.09 Acres/500.05 LF	R3UB	Section 404
Non-wetlands waters FS-J1	32.905371	-80.025474	0.06 Acres/144.98 LF	R3UB	Section 404
Non-wetlands waters FS-K2	32.912821	-80.028571	0.01 Acres/68.72 LF	R3UB	Section 404
Non-wetlands waters FS-L1	32.846030	-80.016313	0.12 Acres/625.65 LF	R3UB	Section 404
Non-wetlands waters FS-L2	32.848389	-80.015042	0.14 Acres/764.18 LF	R3UB	Section 404
Non-wetlands waters FS-L3	32.847671	-80.016144	0.24 Acres/851.18 LF	R3UB	Section 404
Non-wetlands waters FS-L4	32.848383	-80.016145	0.02 Acres/174.53 LF	R3UB	Section 404
Non-wetlands waters WRAR	32.897404	-79.980409	0.21 Acres/130.39 LF	R3UB	Section 404

1D. Non-wetlands waters (Tidal Stream Section 10)

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource “may be” subject (i.e., Section 404 or Section 10/404)
Non-wetlands waters TCS-A1	32.818701	-80.030554	0.15 Acres/632.43 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-A2	32.820628	-80.030018	0.03 Acres/237.85 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-B1	32.820474	-80.03137	0.70 Acres/1405.30 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-C1	32.828709	-80.029313	1.52 Acres/1368.48 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-D1	32.831419	-80.028144	0.78 Acres/966.12 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-E1	32.835725	-80.02419	21.08 Acres/604.40 LF	R1UB	Section 10 tidal
Non-wetlands waters TCS-F1	31.83858	-80.022031	0.15 Acres/769.21 LF	R1UB	Section 10 tidal
Non-wetlands waters FS-H1C	32.891519	-79.96913	6.01 Acres/3575.42 LF	R1UB	Section 10 tidal

1E. Non-wetlands waters (Open Water)

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non- wetland waters)	Geographic authority to which the aquatic resource “may be” subject (i.e., Section 404 or Section 10/404)
Non-wetlands waters OA-1	32.803143	-80.037074	1.18	PUB	Section 404
Non-wetlands waters OC-1	32.799758	-80.034826	0.85	PUB	Section 404
Non-wetlands waters OG-1	32.887742	-80.016675	0.07	PUB	Section 404
Non-wetlands waters OH-1	32.845472	-80.018373	0.33	PUB	Section 404
Non-wetlands waters OB-1	32.799396	-80.036230	0.40	PUB	Section 404
Non-wetlands waters OE-1	32.843151	-80.019301	0.25	PUB	Section 404
Non-wetlands waters OF-1	32.842453	-80.017500	0.03	PUB	Section 404
Non-wetlands waters OJ-1	32.873874	-80.014181	0.21	PUB	Section 404
Non-wetlands waters OD-1	32.823633	-80.029503	3.38	PUB	Section 404
Non-wetlands waters OZ-1	32.881873	-80.014745	0.19	PUB	Section 404

- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring “pre-construction notification” (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant’s acceptance of the use of the PJD; (6) accepting a permit

authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there “*may be*” waters of the U.S. and/or that there “*may be*” navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- Maps, plans, plots or plat submitted by or on behalf of the PJD requestor: Map: Civil Engineering Consulting Services, Inc.
- Data sheets prepared/submitted by or on behalf of the PJD requestor.
 - Office concurs with data sheets/delineation report. (This office does not necessarily concur with all of the data provided on the provided data sheets, however this office concurs with the conclusion reached.
 - Office does not concur with data sheets/delineation report. Rationale: NA
- Data sheets prepared by the Corps: NA
- Corps navigable waters' study:
 - U.S. Geological Survey Hydrologic Atlas:
 - USGS NHD data. USGS 8 and 12-digit HUC maps – HUC 030502010605 Lower Ashley River; 030502020202 Stono River- Atlantic Intracoastal waterway; 030502010707 Lower Cooper River; 030502010706 Goose Creek
- U.S. Geological Survey map(s). Cite scale & quad name: 1:24,000 – Johns Island, Ladson, North Charleston.
- Natural Resources Conservation Service Soil Survey. Citation: Charleston County Soil Survey (SC690) 1971.
- National wetlands inventory map(s). Cite name: USFWS, Charleston County
- State/local wetland inventory map(s):
- FEMA/FIRM maps:
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)

SAC 2019-00593 Lowcountry Corridor West Widening (Highway 526 and 26)

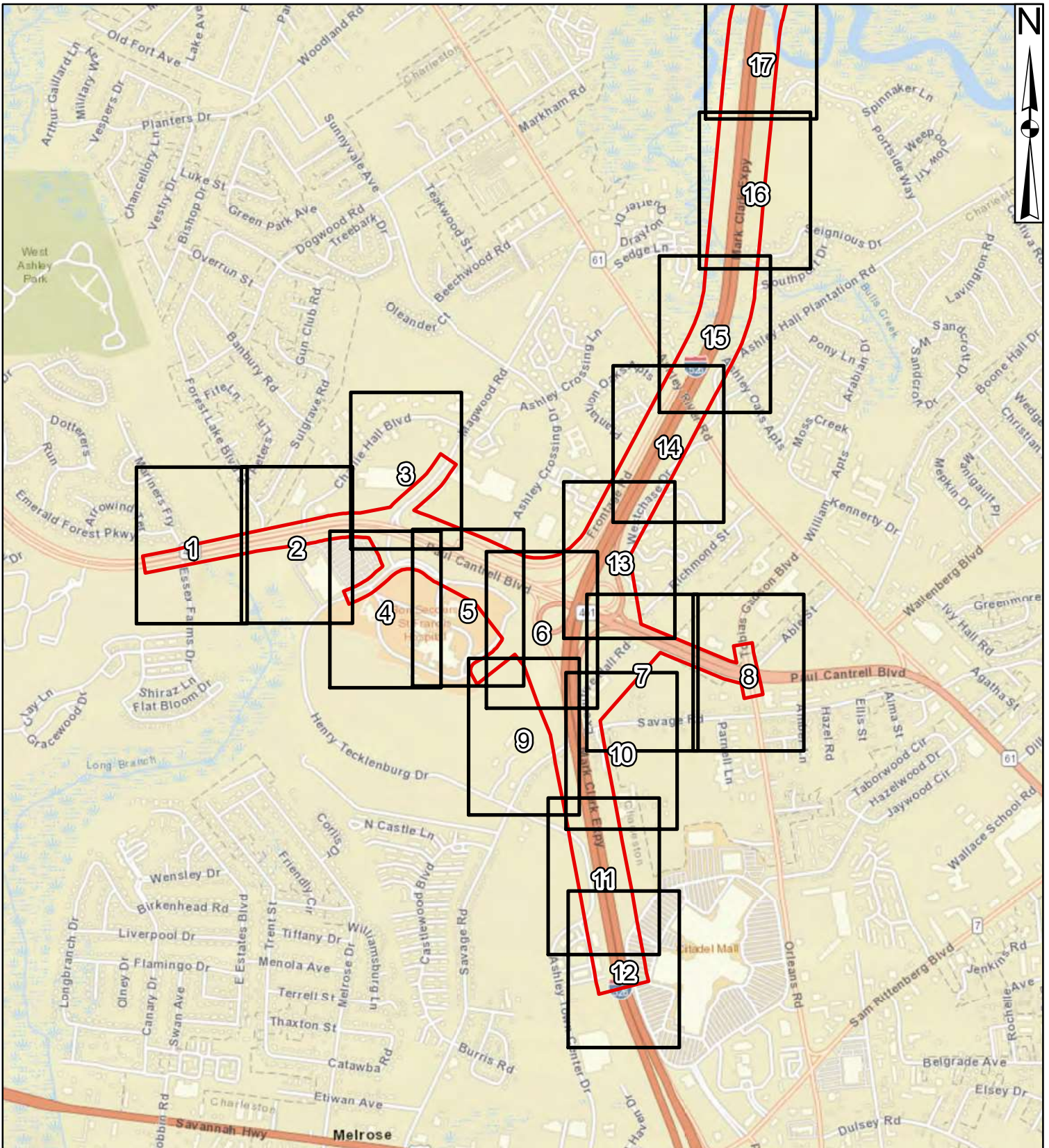
- Photographs: Aerial (Name & Date): Aerial Photos obtained online by Google, Inc. Aerial infrared photos by SCDNR 2006, Aerial photos provided by consultant, LiDar imaged provided by the consultant.
- Other (Name & Date): Photos provided by consultant in PJD
- Previous determination(s). File no. and date of response letter: SAC 2004-13767
- Other information (please specify): Site visits as cited above.

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

Signature and date of
Regulatory staff member
completing PJD

Signature and date of
person requesting PJD
(REQUIRED, unless obtaining the
signature is impracticable)¹

¹ Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.



Legend
 Project Study Area (1611.97 Acres)



Source:
 NRCS NAIP Aerial
 2017

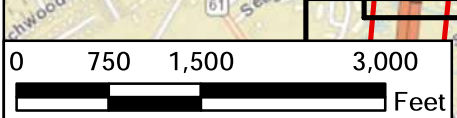
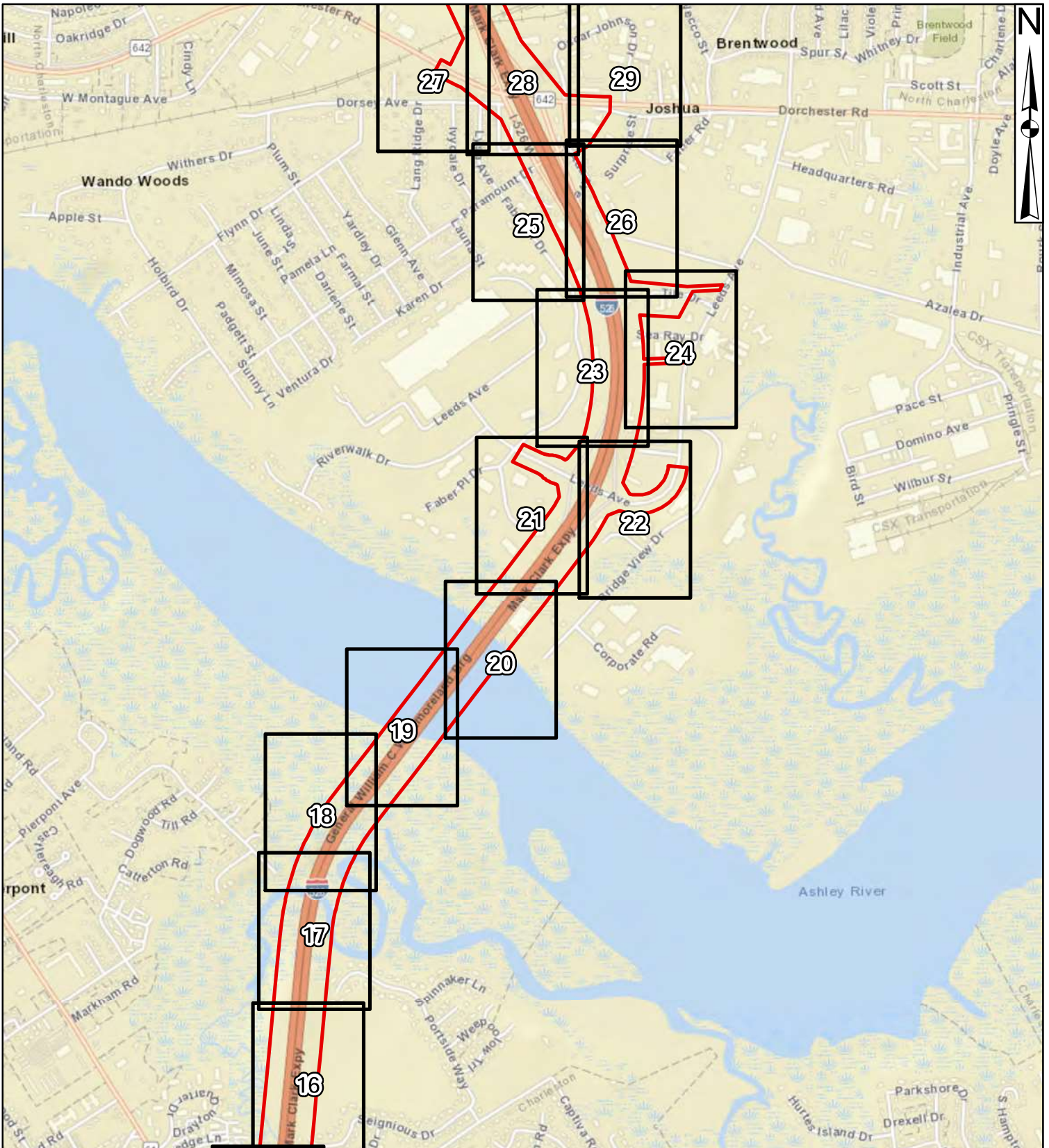
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Grid Index Layout

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Legend

Project Study Area (1611.97 Acres)

Source:
NRCS NAIP Aerial
2017

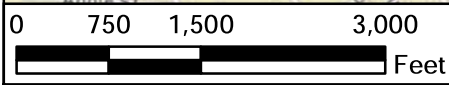
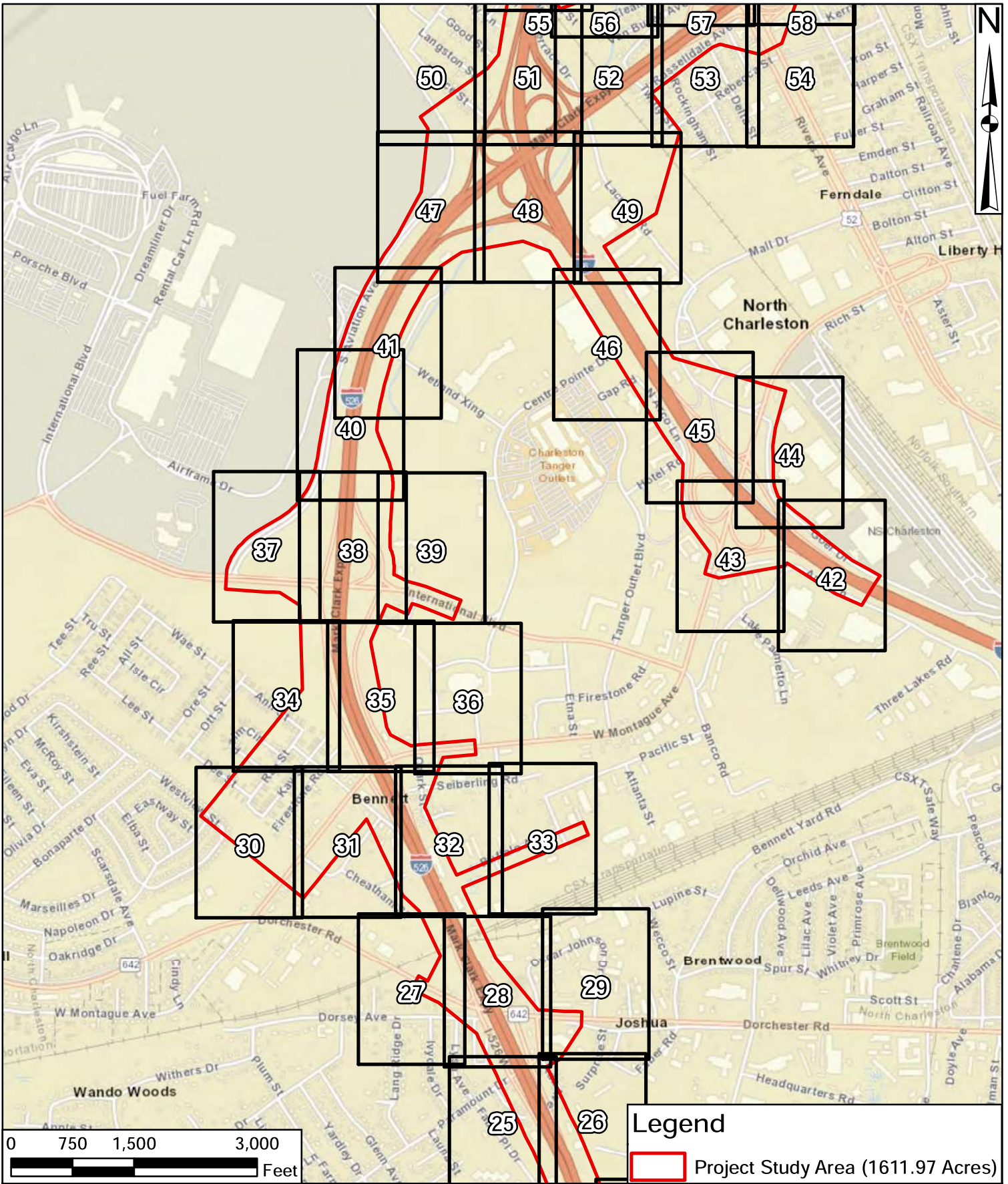
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

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Legend

 Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

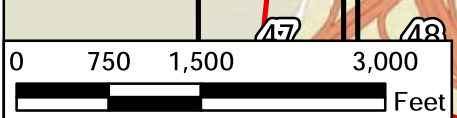
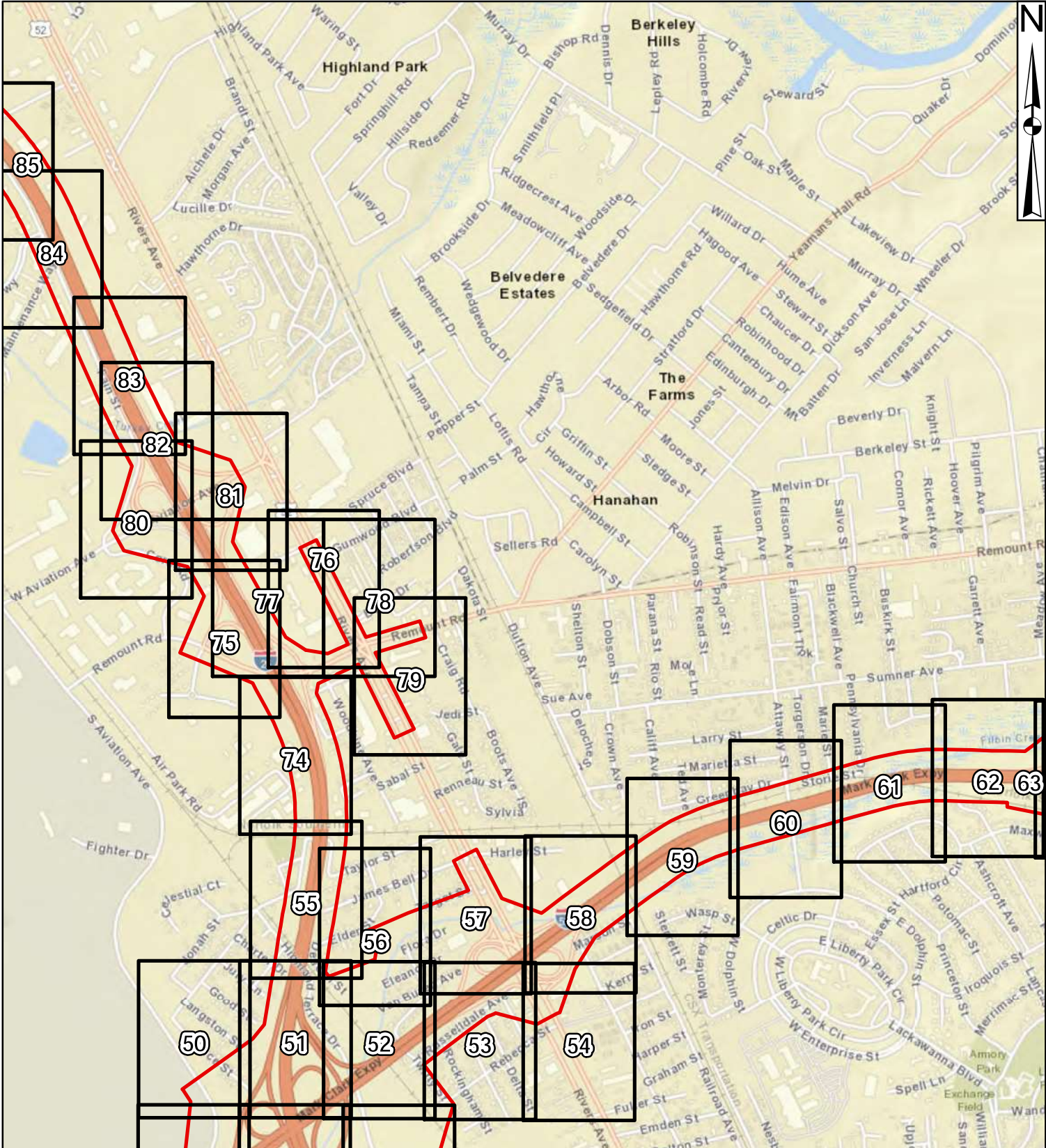
Drawn By: RHH
QA/QC: KLM


I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

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Legend
 Project Study Area (1611.97 Acres)



Source:
 NRCS NAIP Aerial
 2017

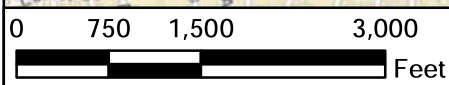
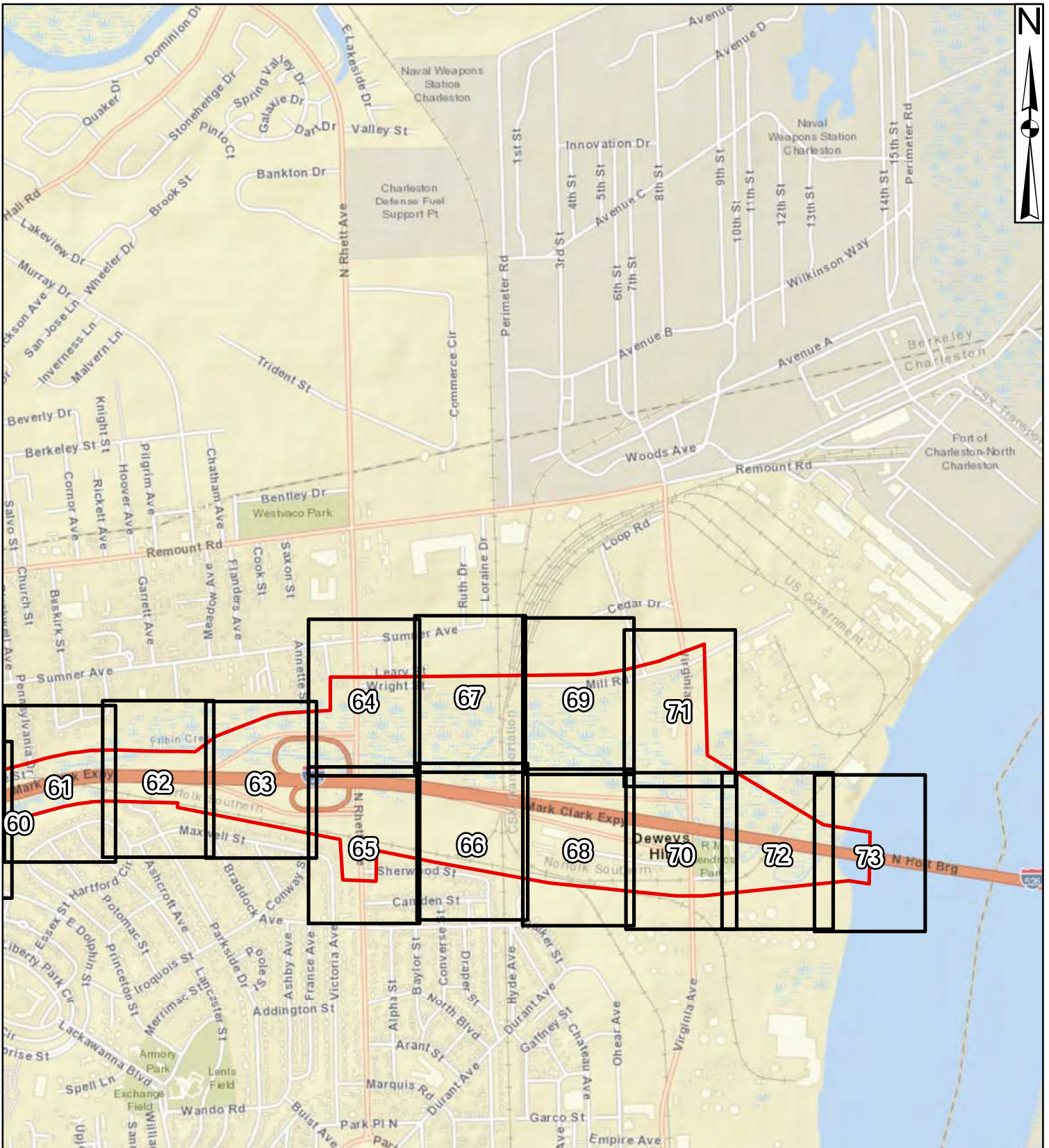
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
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Legend
 Project Study Area (1611.97 Acres)



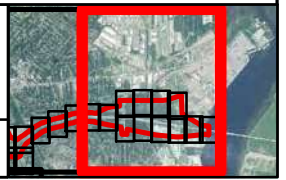
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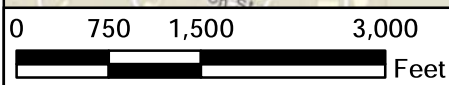
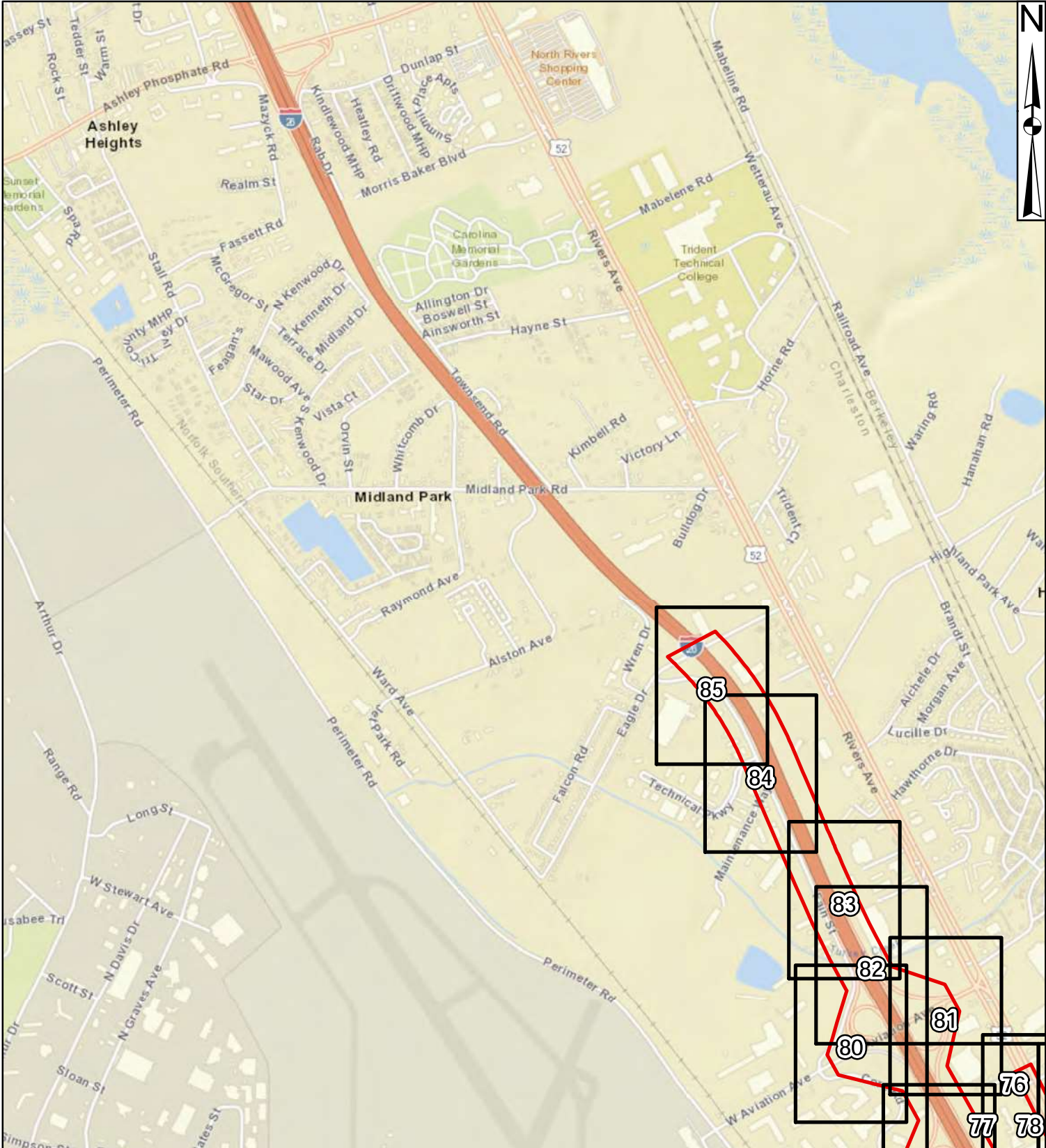
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Grid Index Layout

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Legend
 Project Study Area (1611.97 Acres)




Source:
 NRCS NAIP Aerial
 2017

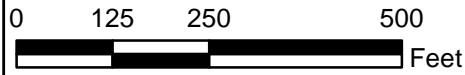
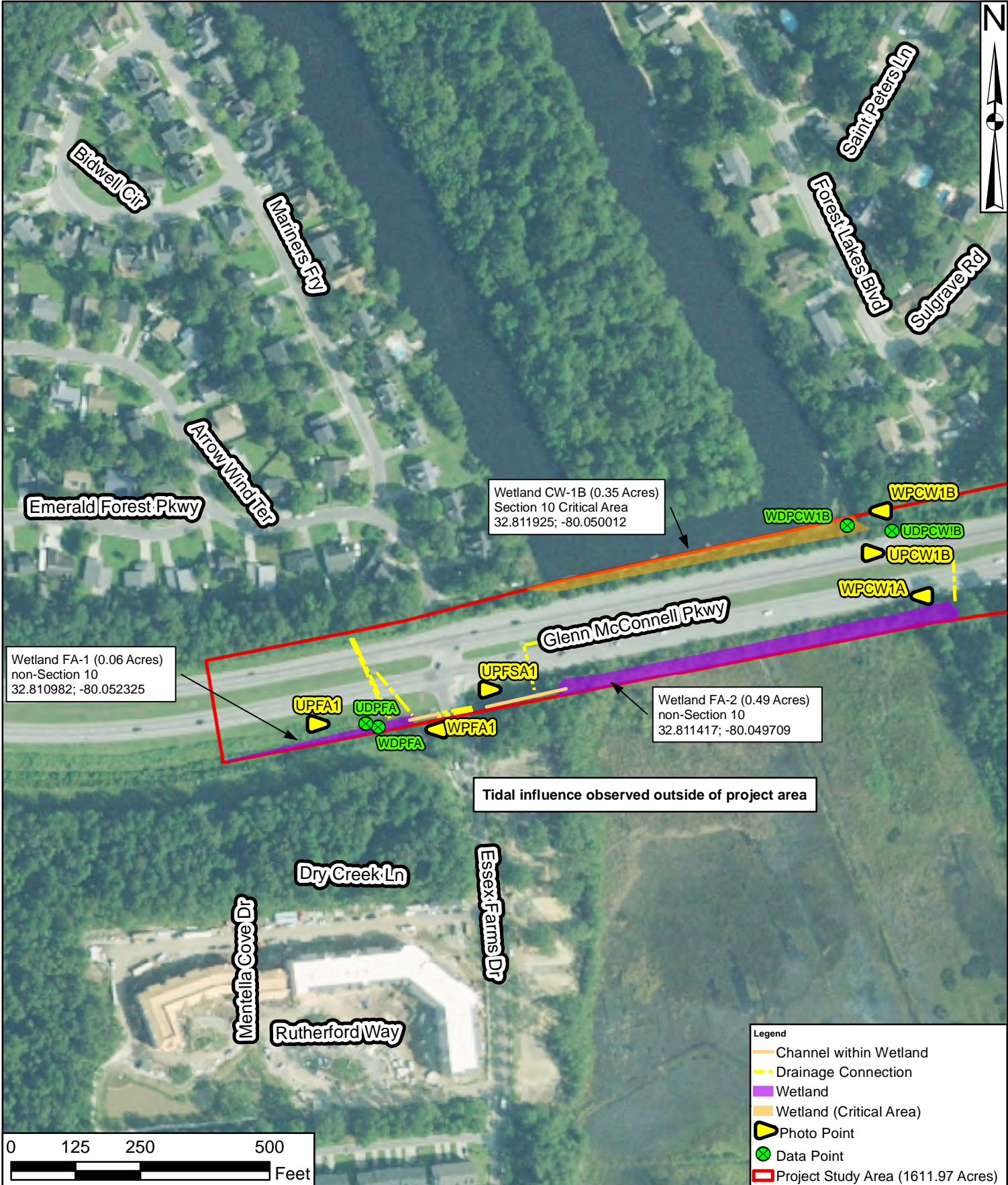
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 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
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Grid Index Layout

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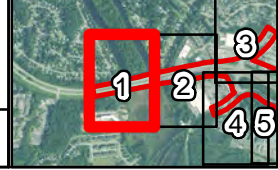
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

Figure 8
Sheet 1 of 85



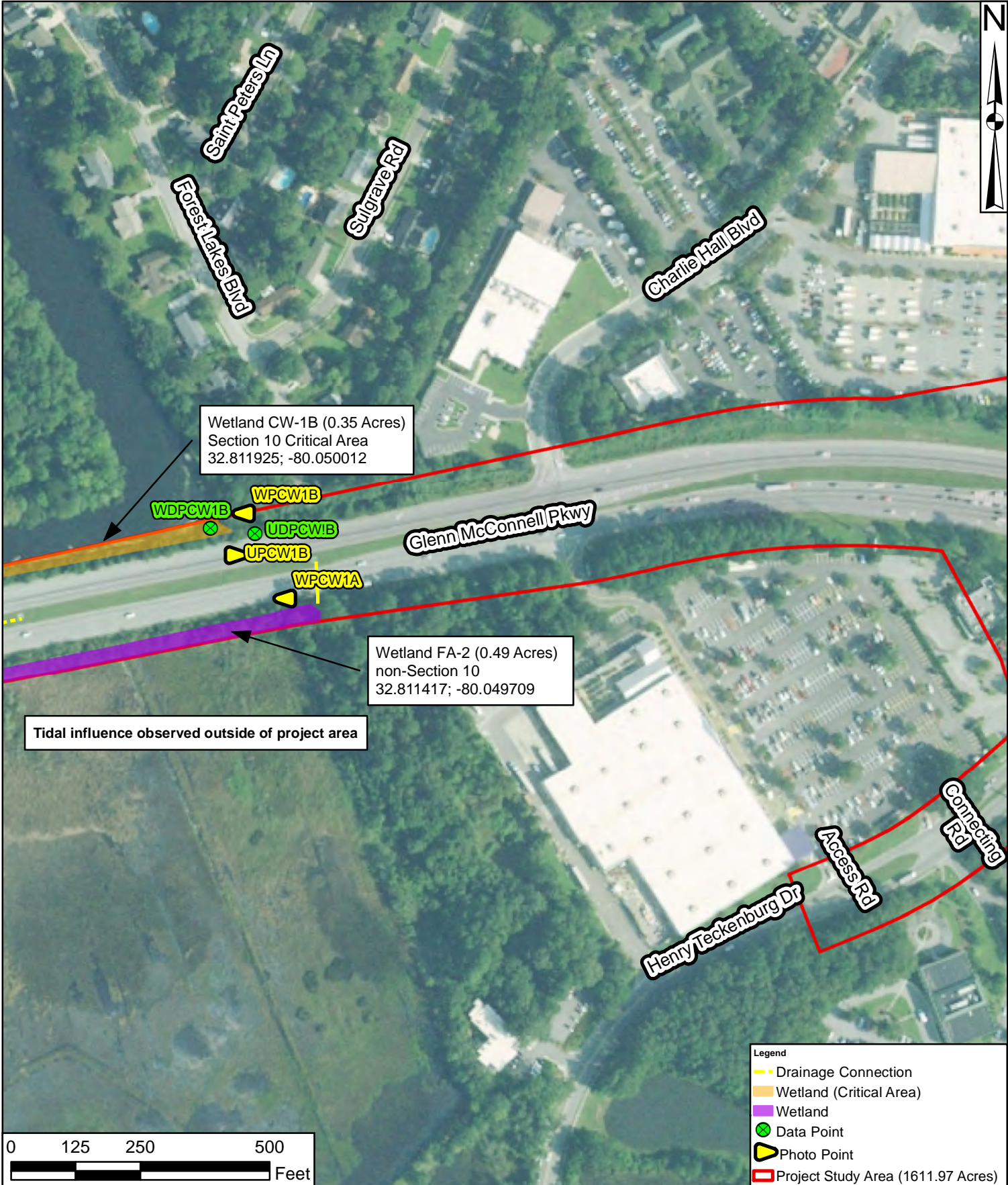
Wetland CW-1B (0.35 Acres)
Section 10 Critical Area
32.811925; -80.050012

Wetland FA-1 (0.06 Acres)
non-Section 10
32.810982; -80.052325

Wetland FA-2 (0.49 Acres)
non-Section 10
32.811417; -80.049709

Tidal influence observed outside of project area

- Legend**
- Channel within Wetland
 - Drainage Connection
 - Wetland
 - Wetland (Critical Area)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)

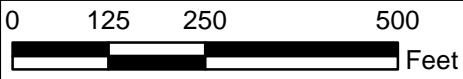


Wetland CW-1B (0.35 Acres)
Section 10 Critical Area
32.811925; -80.050012

Wetland FA-2 (0.49 Acres)
non-Section 10
32.811417; -80.049709

Tidal influence observed outside of project area

- Legend**
- Drainage Connection
 - Wetland (Critical Area)
 - Wetland
 - Data Point
 - Photo Point
 - Project Study Area (1611.97 Acres)



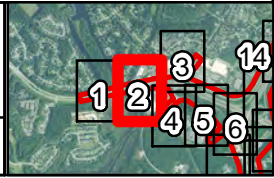
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2017

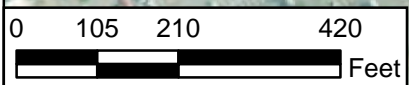
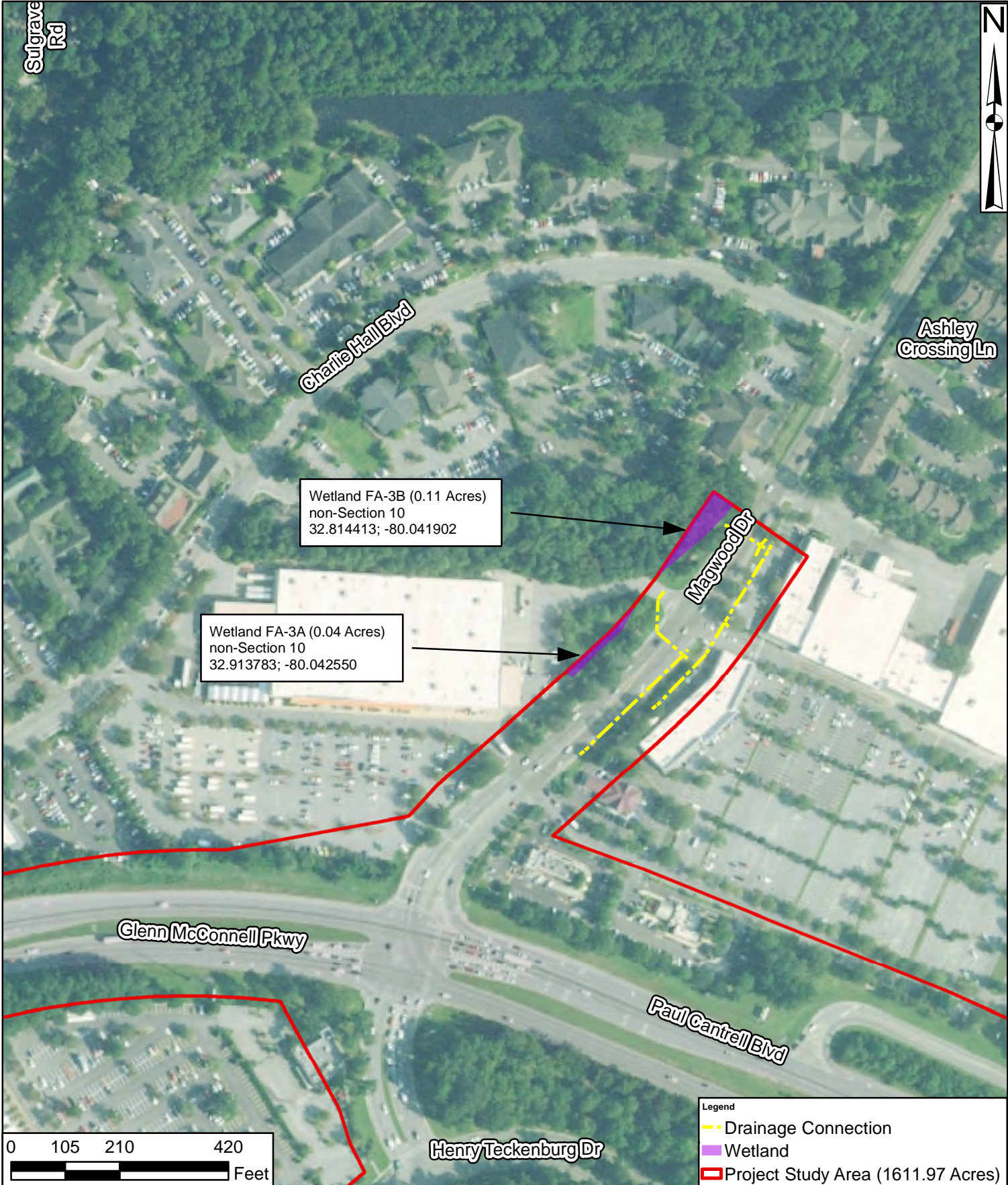
Drawn By: RHH
QA/QC: KLM

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Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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- Legend
- Drainage Connection
 - Wetland
 - ▭ Project Study Area (1611.97 Acres)

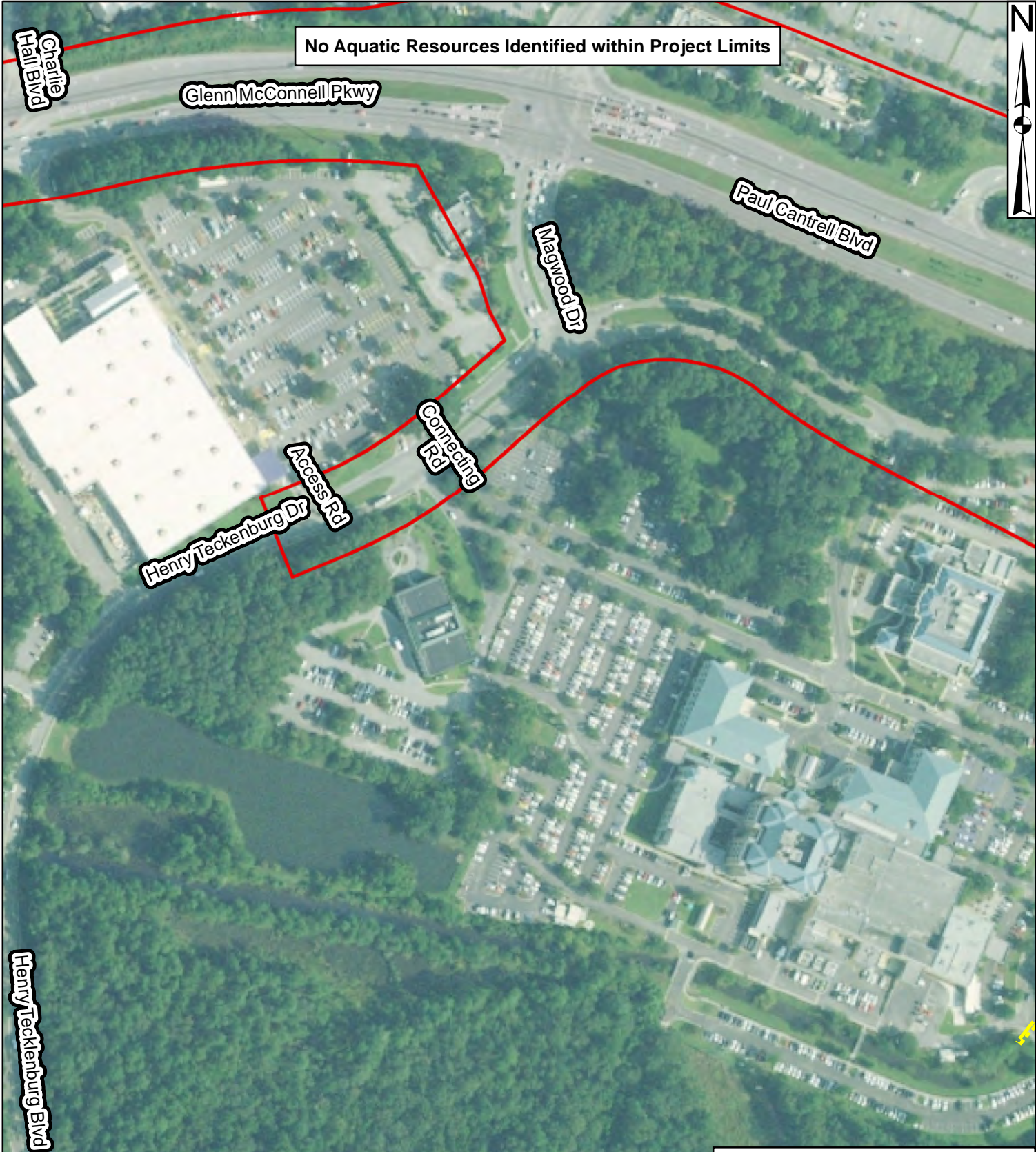
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2017

Drawn By: RHH
QA/QC: KLM

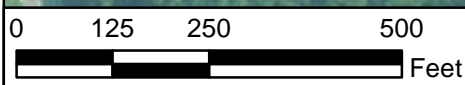
I-526 Low Country Corridor West
Charleston County
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Aquatic Resources

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No Aquatic Resources Identified within Project Limits



Legend

- Drainage Connection
- Project Study Area (1611.97 Acres)

Source:
NRCS NAIP Aerial
2017

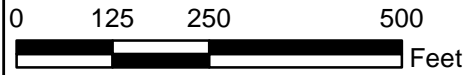
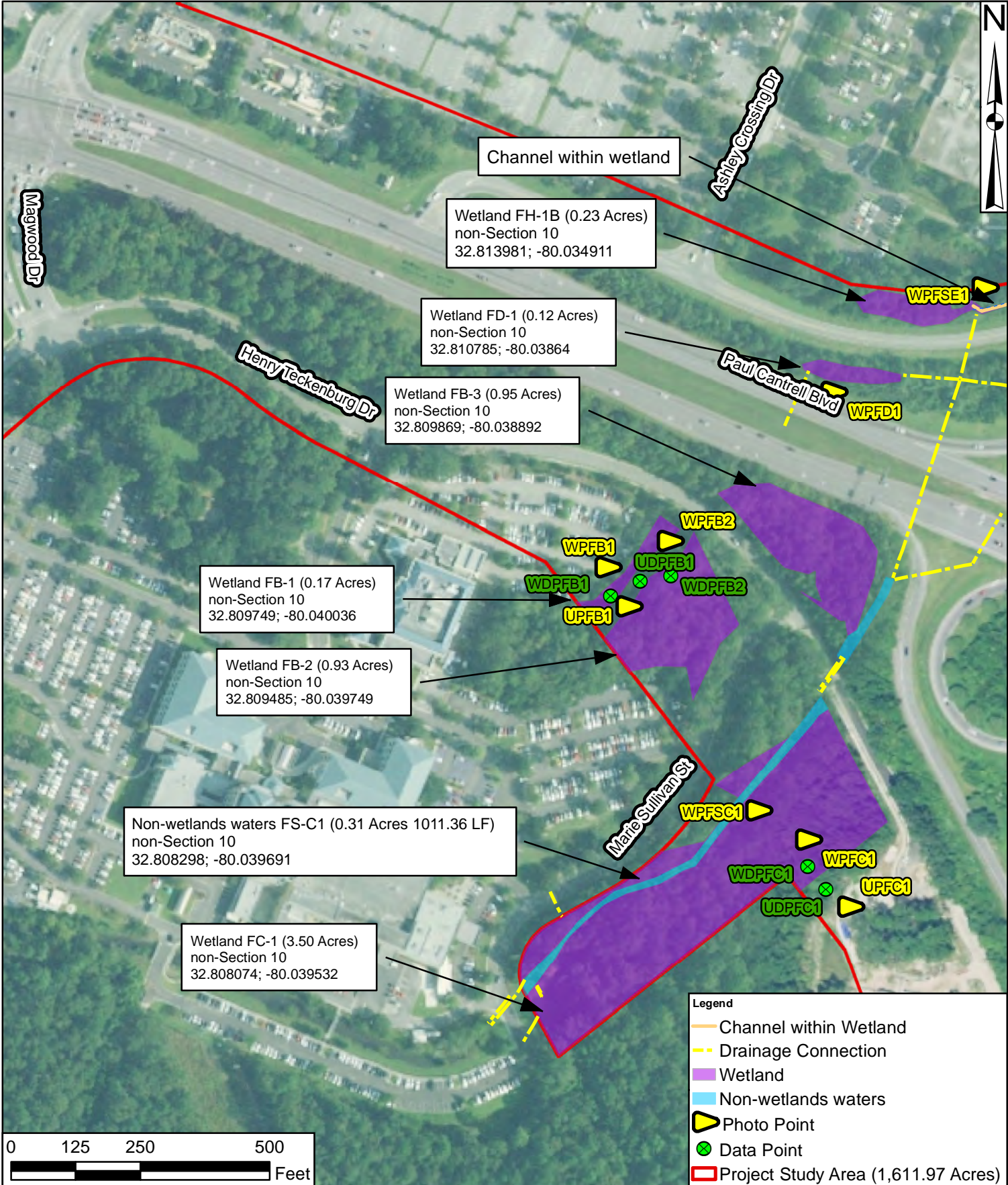
Drawn By: RHH
QA/QC: KLM

I-526 Low Country Corridor West
Charleston County
SCDOT P032102
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Aquatic Resources

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- Legend**
- Channel within Wetland
 - - - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - Data Point
 - Project Study Area (1,611.97 Acres)



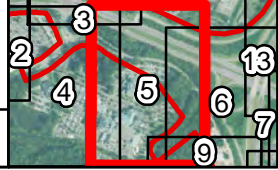
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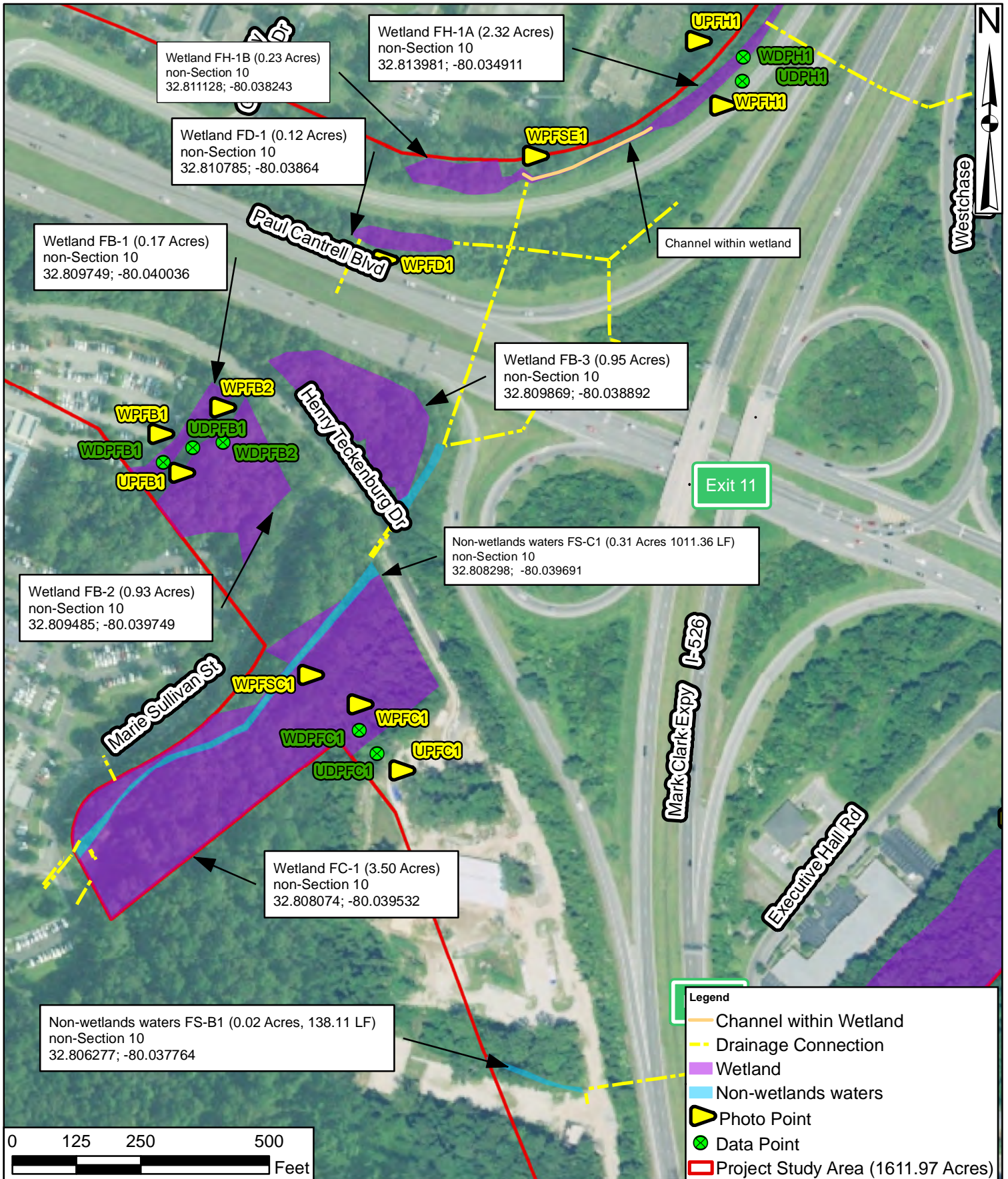
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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Aquatic Resources

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Wetland FH-1B (0.23 Acres)
non-Section 10
32.811128; -80.038243

Wetland FH-1A (2.32 Acres)
non-Section 10
32.813981; -80.034911

Wetland FD-1 (0.12 Acres)
non-Section 10
32.810785; -80.03864

Wetland FB-1 (0.17 Acres)
non-Section 10
32.809749; -80.040036

Wetland FB-3 (0.95 Acres)
non-Section 10
32.809869; -80.038892

Wetland FB-2 (0.93 Acres)
non-Section 10
32.809485; -80.039749

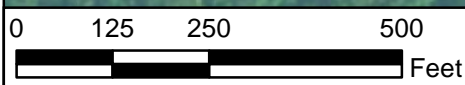
Non-wetlands waters FS-C1 (0.31 Acres 1011.36 LF)
non-Section 10
32.808298; -80.039691

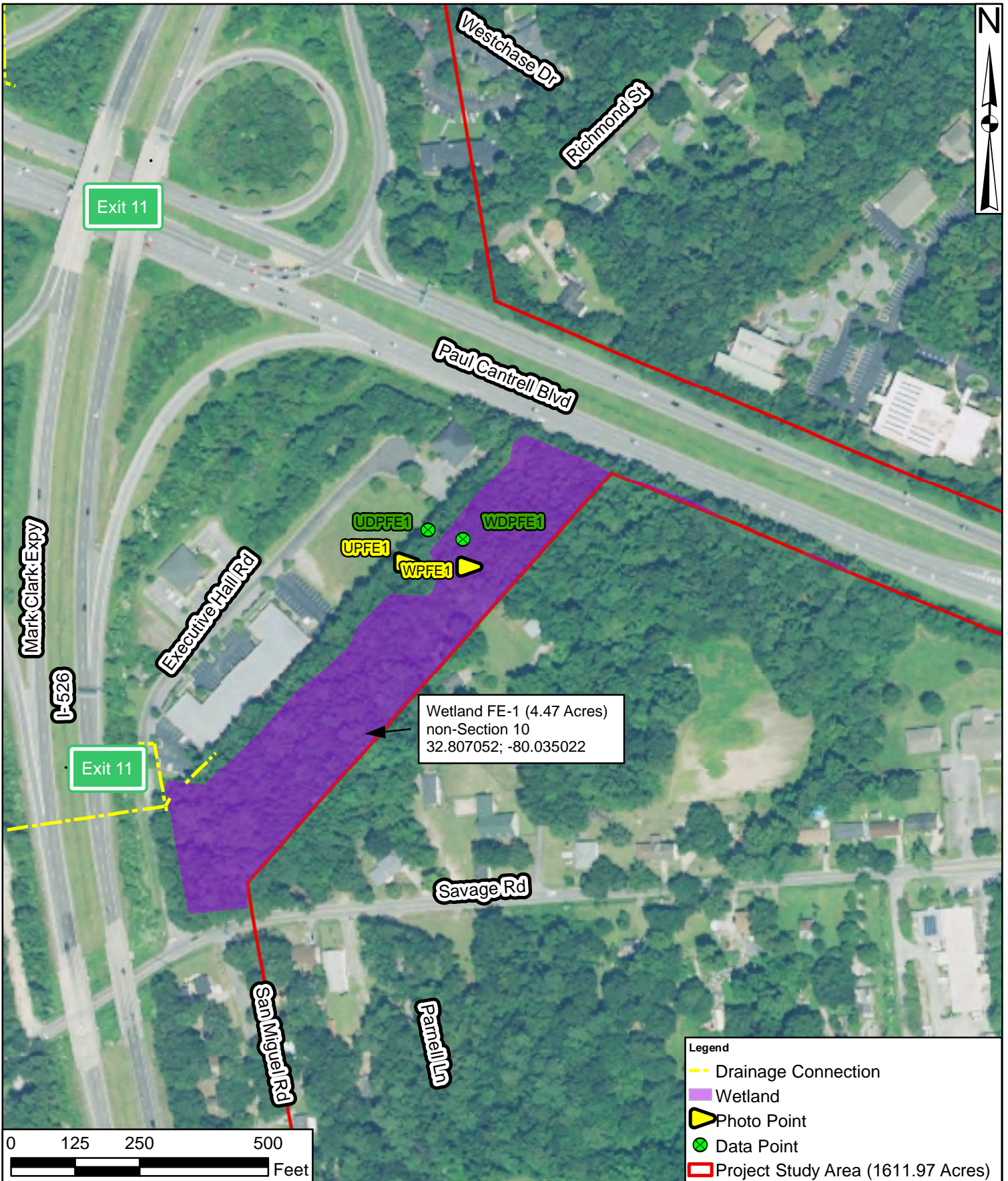
Wetland FC-1 (3.50 Acres)
non-Section 10
32.808074; -80.039532

Non-wetlands waters FS-B1 (0.02 Acres, 138.11 LF)
non-Section 10
32.806277; -80.037764

Legend

- Channel within Wetland
- Drainage Connection
- Wetland
- Non-wetlands waters
- Photo Point
- Data Point
- Project Study Area (1611.97 Acres)

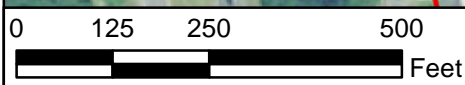




Exit 11

Wetland FE-1 (4.47 Acres)
non-Section 10
32.807052; -80.035022

- Legend**
- Drainage Connection
 - Wetland
 - ▶ Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)

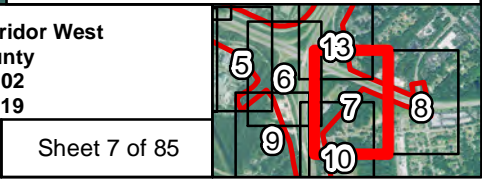


Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

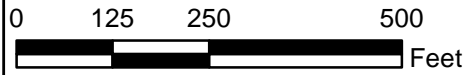




Wetland FE-1 (4.47 Acres)
 non-Section 10
 32.807052; -80.035022

Legend

- Drainage Connection
- Wetland
- Project Study Area (1611.97 Acres)



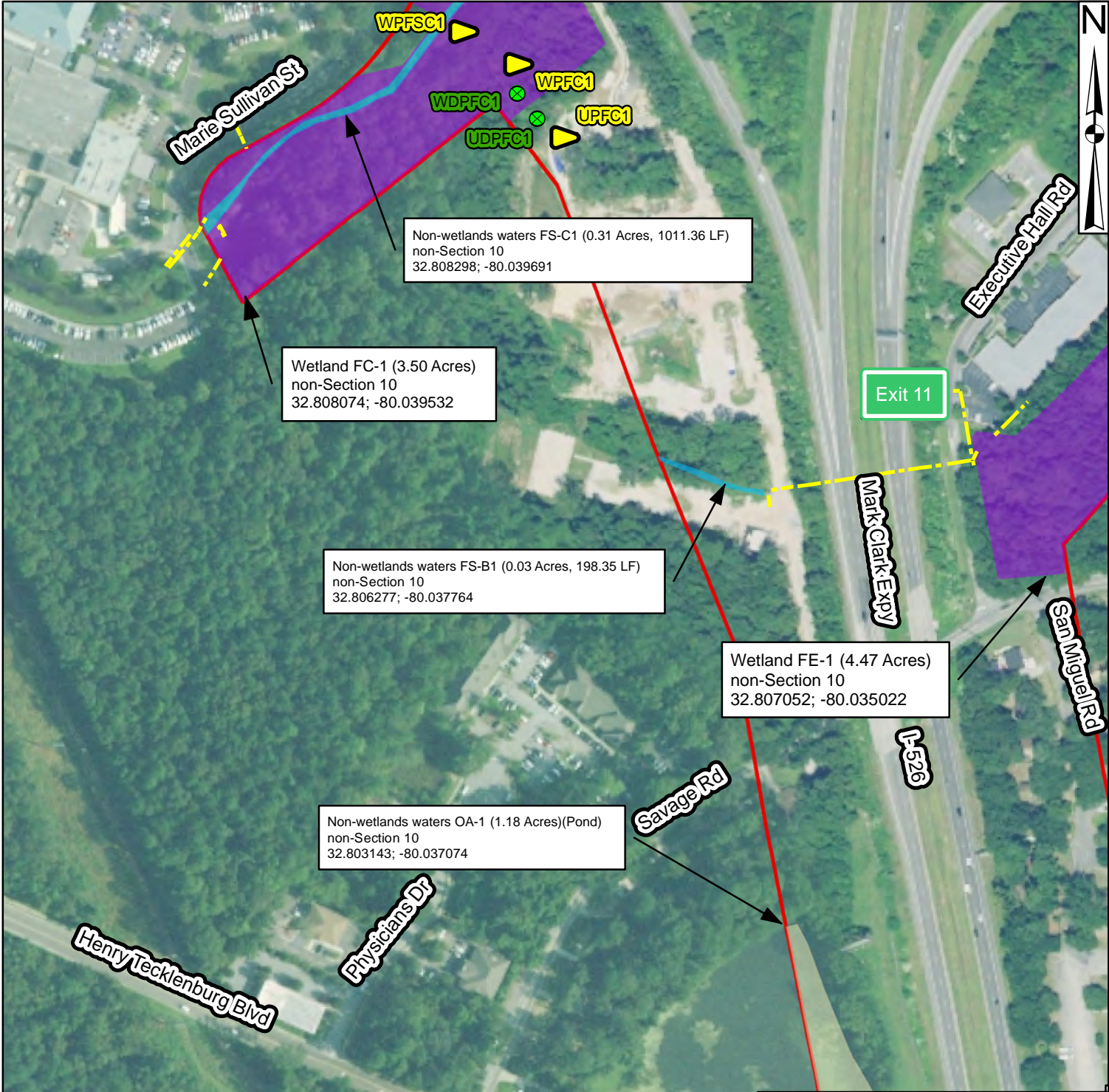
Source:
 NRCS NAIP Aerial
 2017

Drawn By: RHH
 QA/QC: KLM

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 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

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Non-wetlands waters FS-C1 (0.31 Acres, 1011.36 LF)
non-Section 10
32.808298; -80.039691

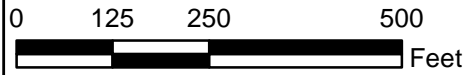
Wetland FC-1 (3.50 Acres)
non-Section 10
32.808074; -80.039532

Non-wetlands waters FS-B1 (0.03 Acres, 198.35 LF)
non-Section 10
32.806277; -80.037764

Wetland FE-1 (4.47 Acres)
non-Section 10
32.807052; -80.035022

Non-wetlands waters OA-1 (1.18 Acres)(Pond)
non-Section 10
32.803143; -80.037074

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Non-wetlands waters (Open Water)
 - ▶ Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



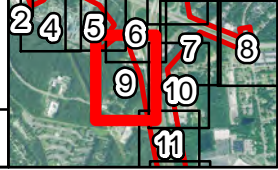
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2017

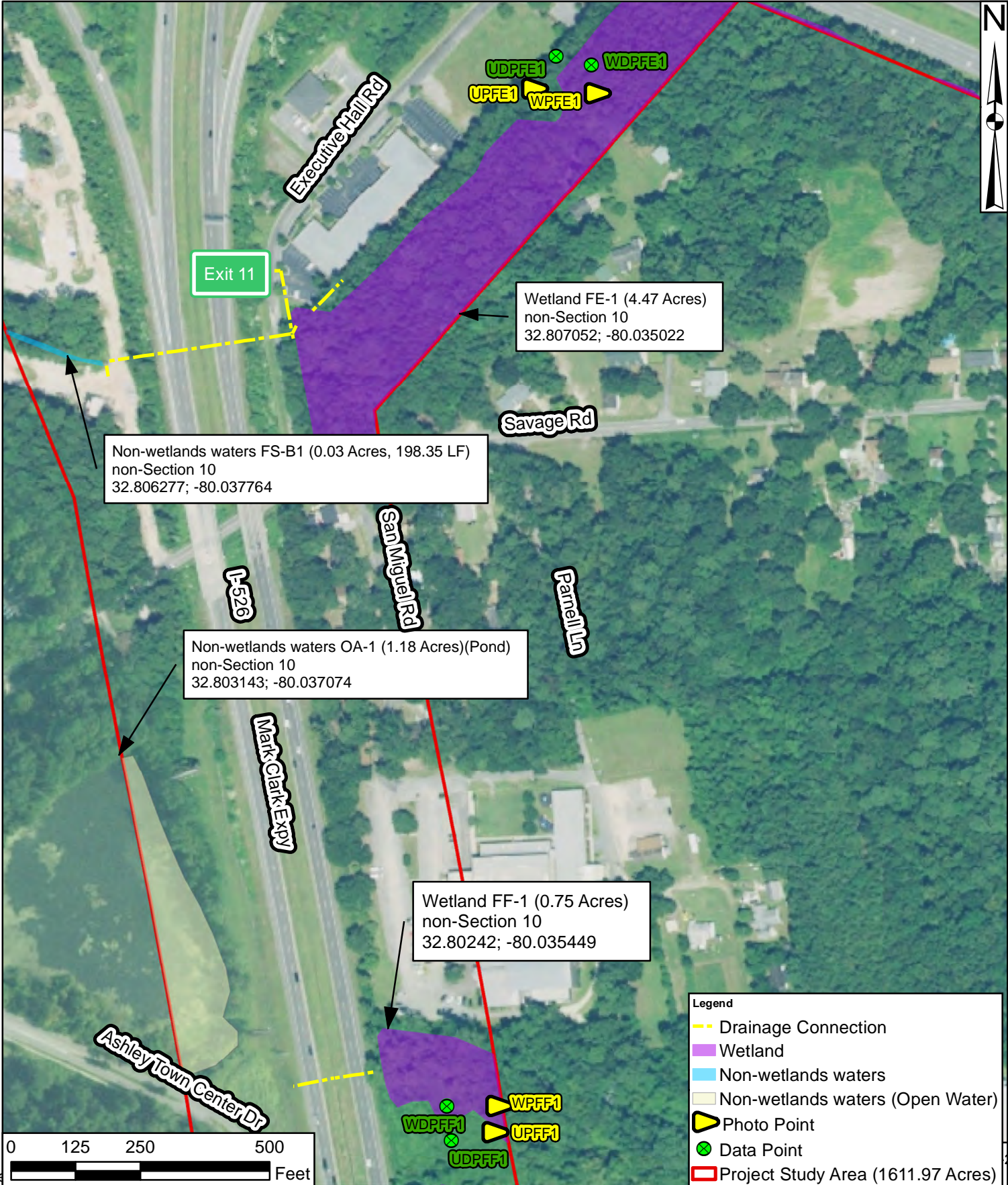
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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Aquatic Resources

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Exit 11

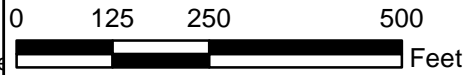
Wetland FE-1 (4.47 Acres)
non-Section 10
32.807052; -80.035022

Non-wetlands waters FS-B1 (0.03 Acres, 198.35 LF)
non-Section 10
32.806277; -80.037764

Non-wetlands waters OA-1 (1.18 Acres)(Pond)
non-Section 10
32.803143; -80.037074

Wetland FF-1 (0.75 Acres)
non-Section 10
32.80242; -80.035449

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Non-wetlands waters (Open Water)
 - ▶ Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



2.803143; -80.037074



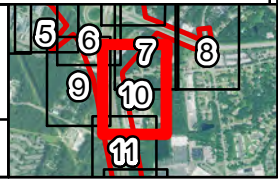
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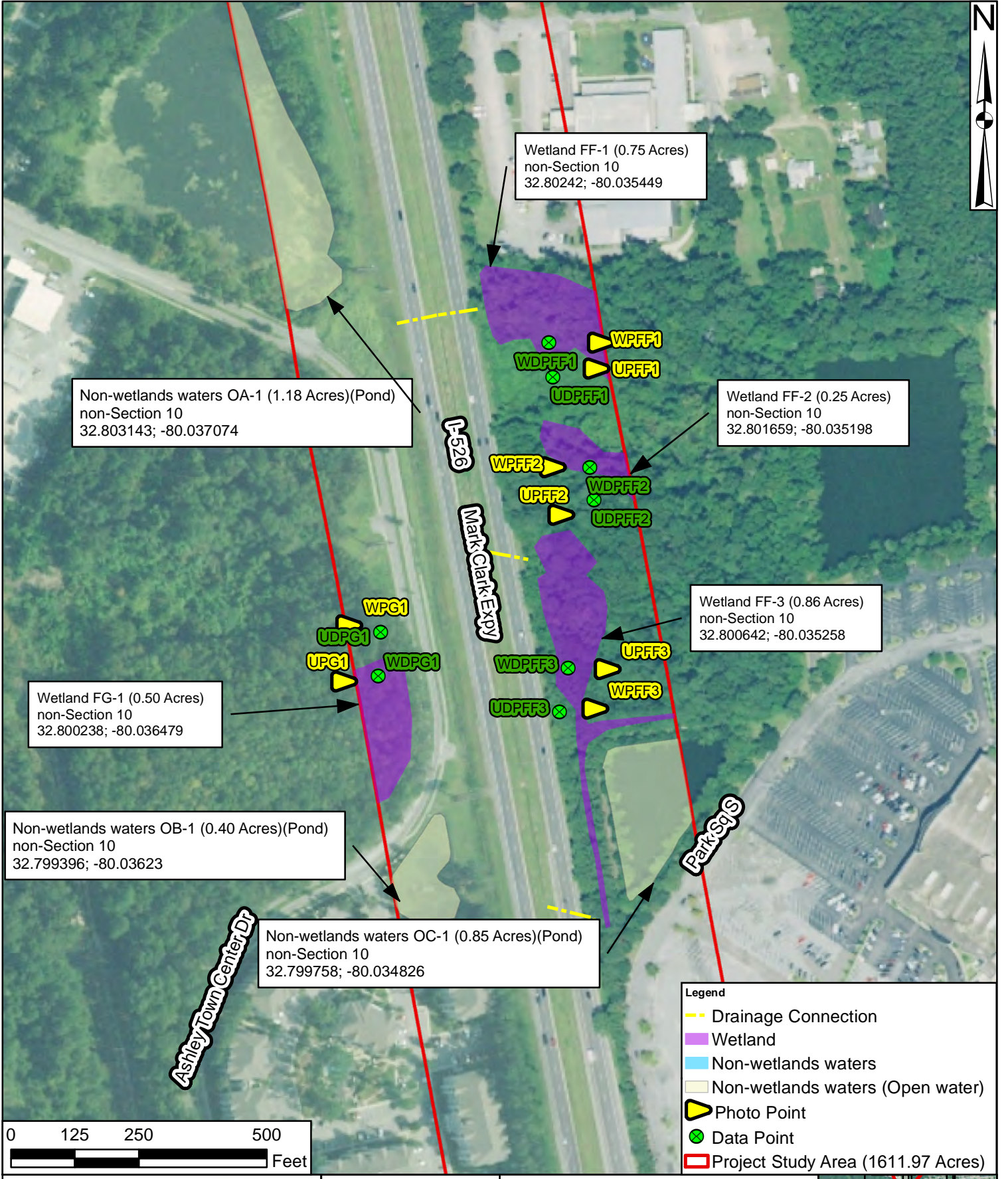
Drawn By: RHH
QA/QC: KLM

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Aquatic Resources

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Non-wetlands waters OA-1 (1.18 Acres)(Pond)
non-Section 10
32.803143; -80.037074

Wetland FF-1 (0.75 Acres)
non-Section 10
32.80242; -80.035449

Wetland FF-2 (0.25 Acres)
non-Section 10
32.801659; -80.035198

Wetland FG-1 (0.50 Acres)
non-Section 10
32.800238; -80.036479

Wetland FF-3 (0.86 Acres)
non-Section 10
32.800642; -80.035258

Non-wetlands waters OB-1 (0.40 Acres)(Pond)
non-Section 10
32.799396; -80.03623

Non-wetlands waters OC-1 (0.85 Acres)(Pond)
non-Section 10
32.799758; -80.034826

- Legend
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Non-wetlands waters (Open water)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



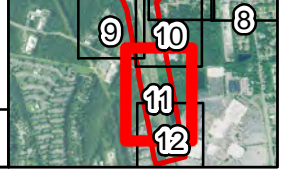
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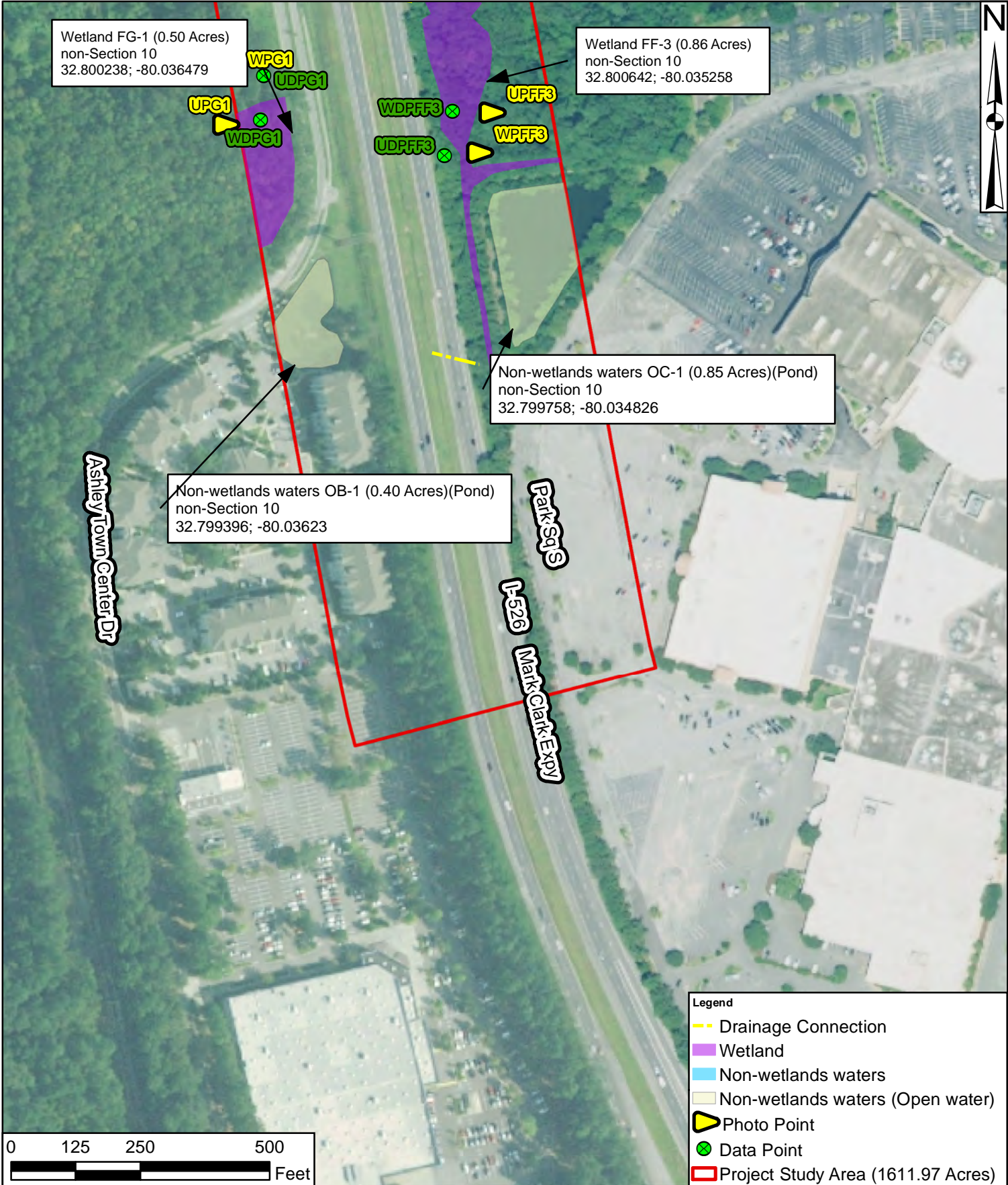
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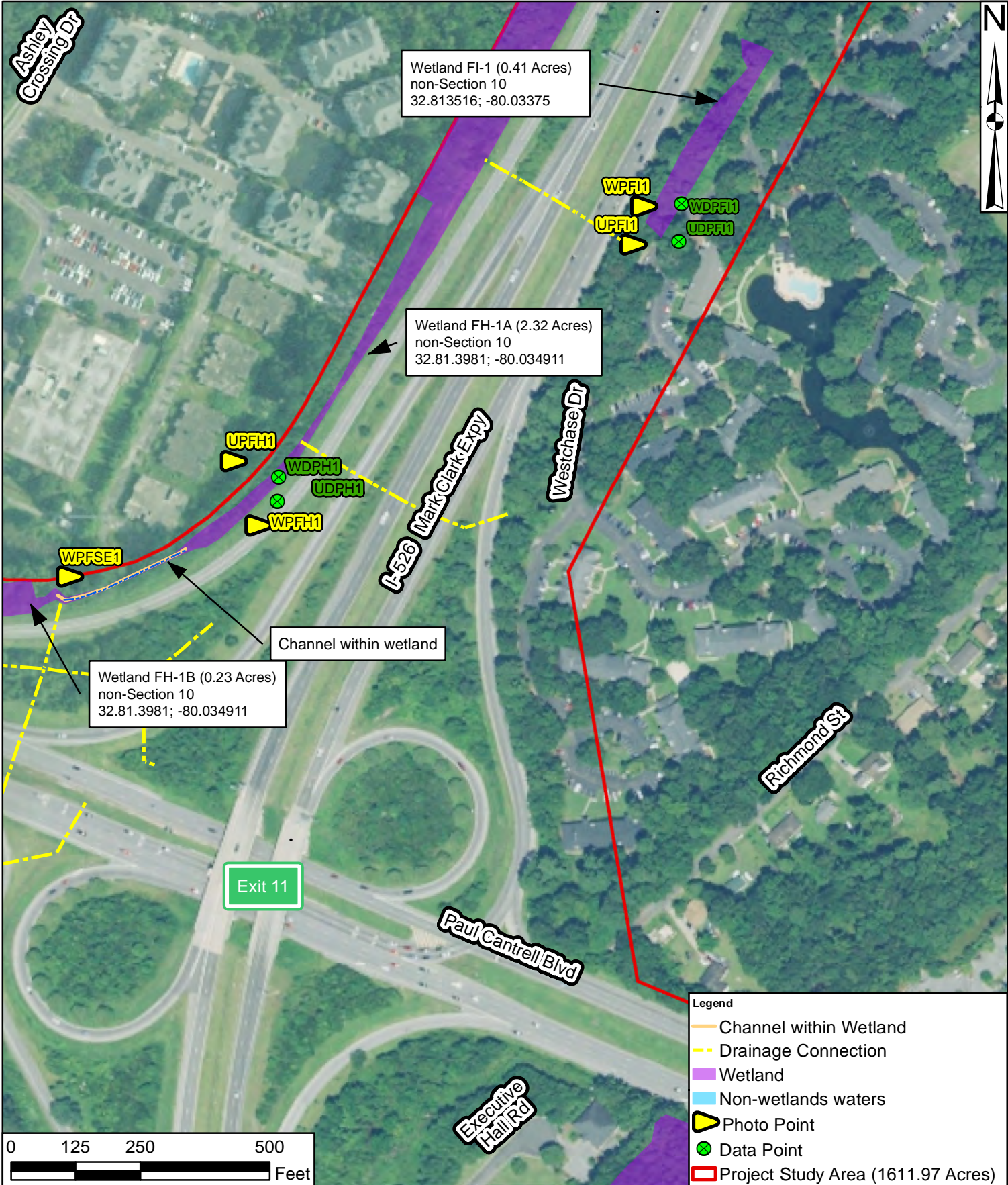
I-526 Lowcountry Corridor West
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Aquatic Resources

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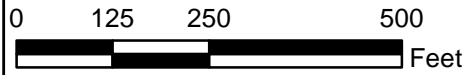
Wetland FI-1 (0.41 Acres)
non-Section 10
32.813516; -80.03375

Wetland FH-1A (2.32 Acres)
non-Section 10
32.81.3981; -80.034911

Wetland FH-1B (0.23 Acres)
non-Section 10
32.81.3981; -80.034911

Channel within wetland

- Legend**
- Channel within Wetland
 - - - Drainage Connection
 - █ Wetland
 - █ Non-wetlands waters
 - ▶ Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



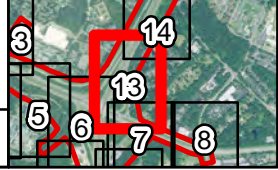
Source:
NRCS NAIP Aerial
2017

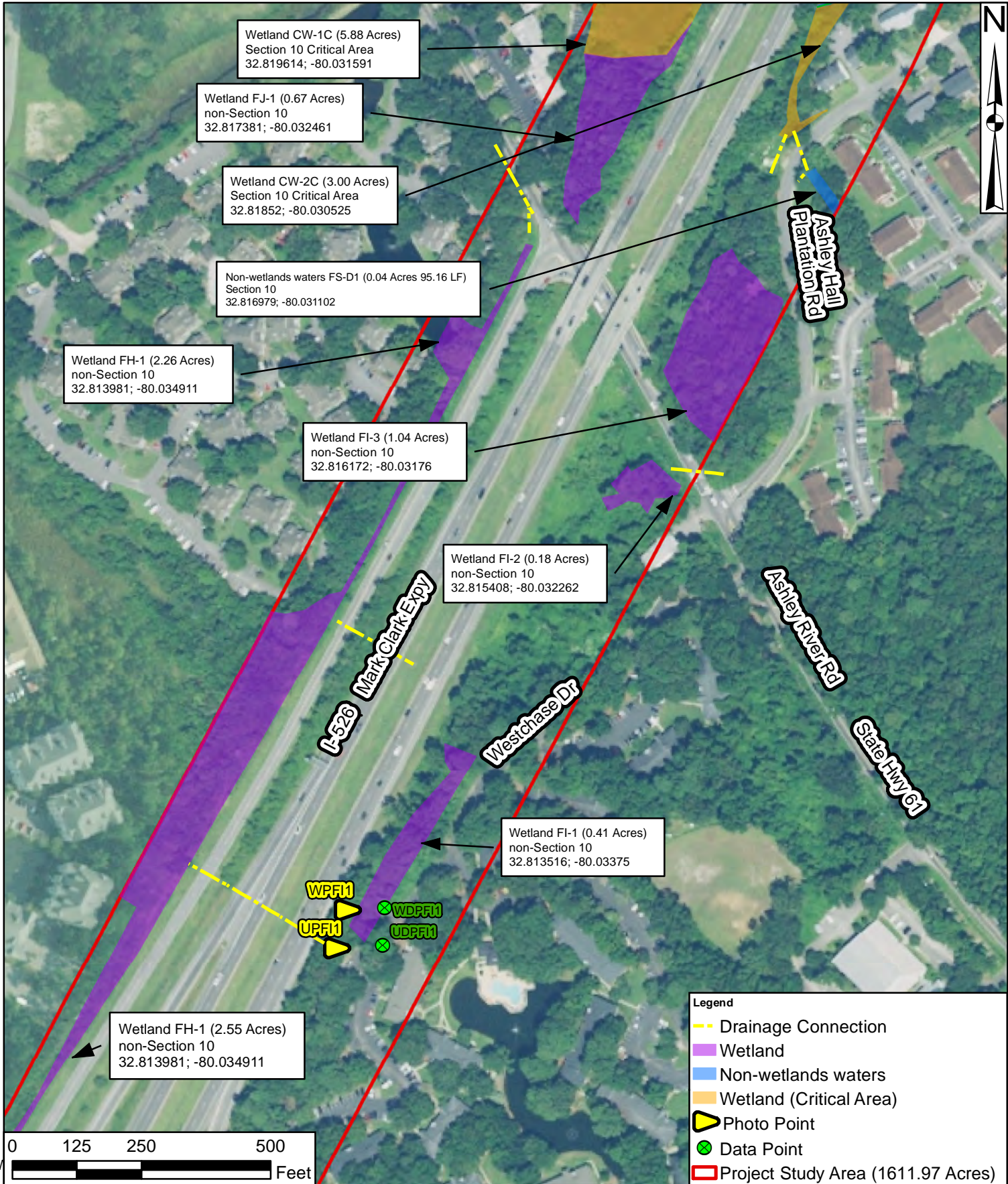
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Wetland CW-1C (5.88 Acres)
Section 10 Critical Area
32.819614; -80.031591

Wetland FJ-1 (0.67 Acres)
non-Section 10
32.817381; -80.032461

Wetland CW-2C (3.00 Acres)
Section 10 Critical Area
32.81852; -80.030525

Non-wetlands waters FS-D1 (0.04 Acres 95.16 LF)
Section 10
32.816979; -80.031102

Wetland FH-1 (2.26 Acres)
non-Section 10
32.813981; -80.034911

Wetland FI-3 (1.04 Acres)
non-Section 10
32.816172; -80.03176

Wetland FI-2 (0.18 Acres)
non-Section 10
32.815408; -80.032262

Wetland FI-1 (0.41 Acres)
non-Section 10
32.813516; -80.03375

Wetland FH-1 (2.55 Acres)
non-Section 10
32.813981; -80.034911

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Wetland (Critical Area)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)

0 125 250 500
Feet



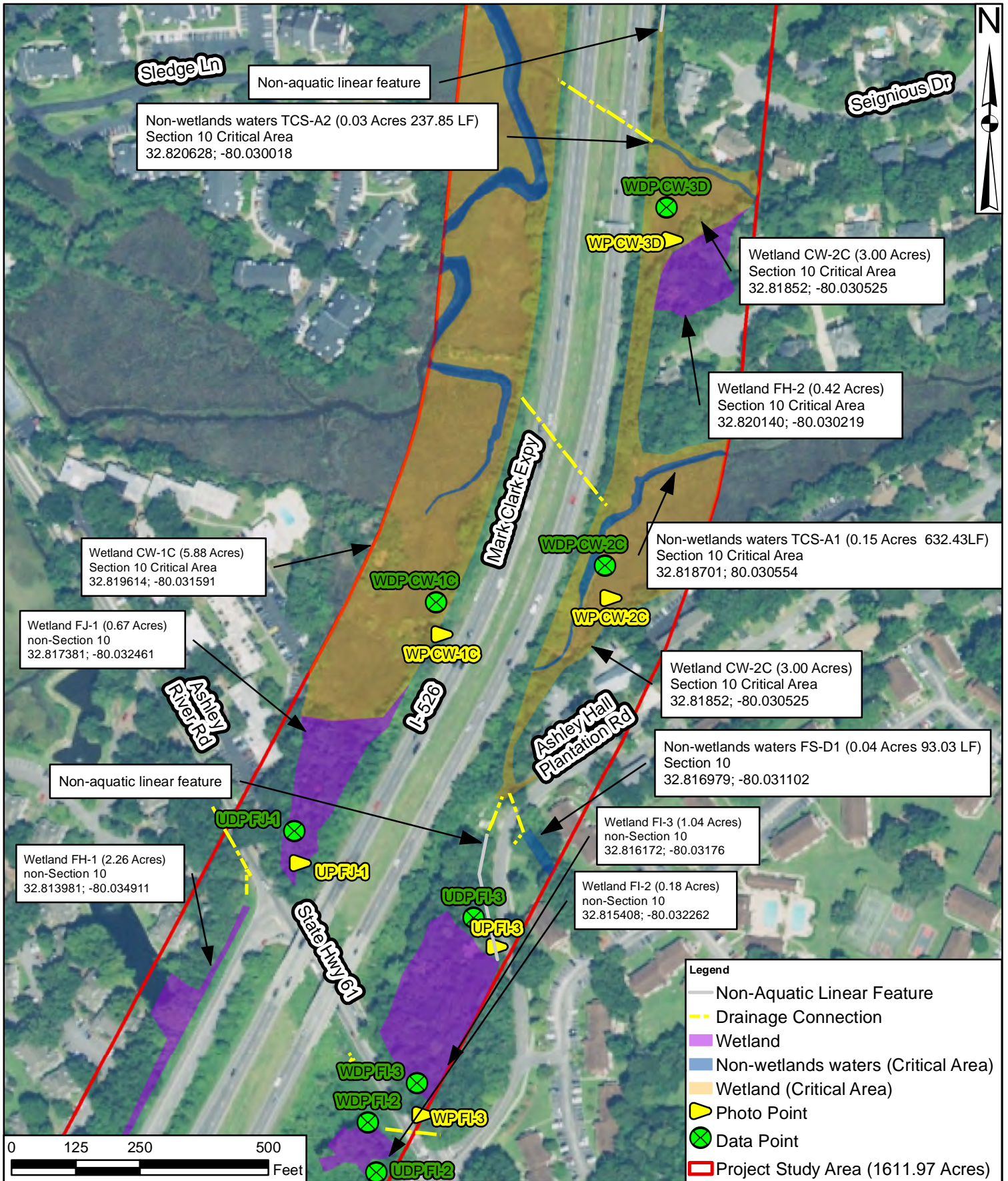
Source:
NRCS NAIP Aerial
2017

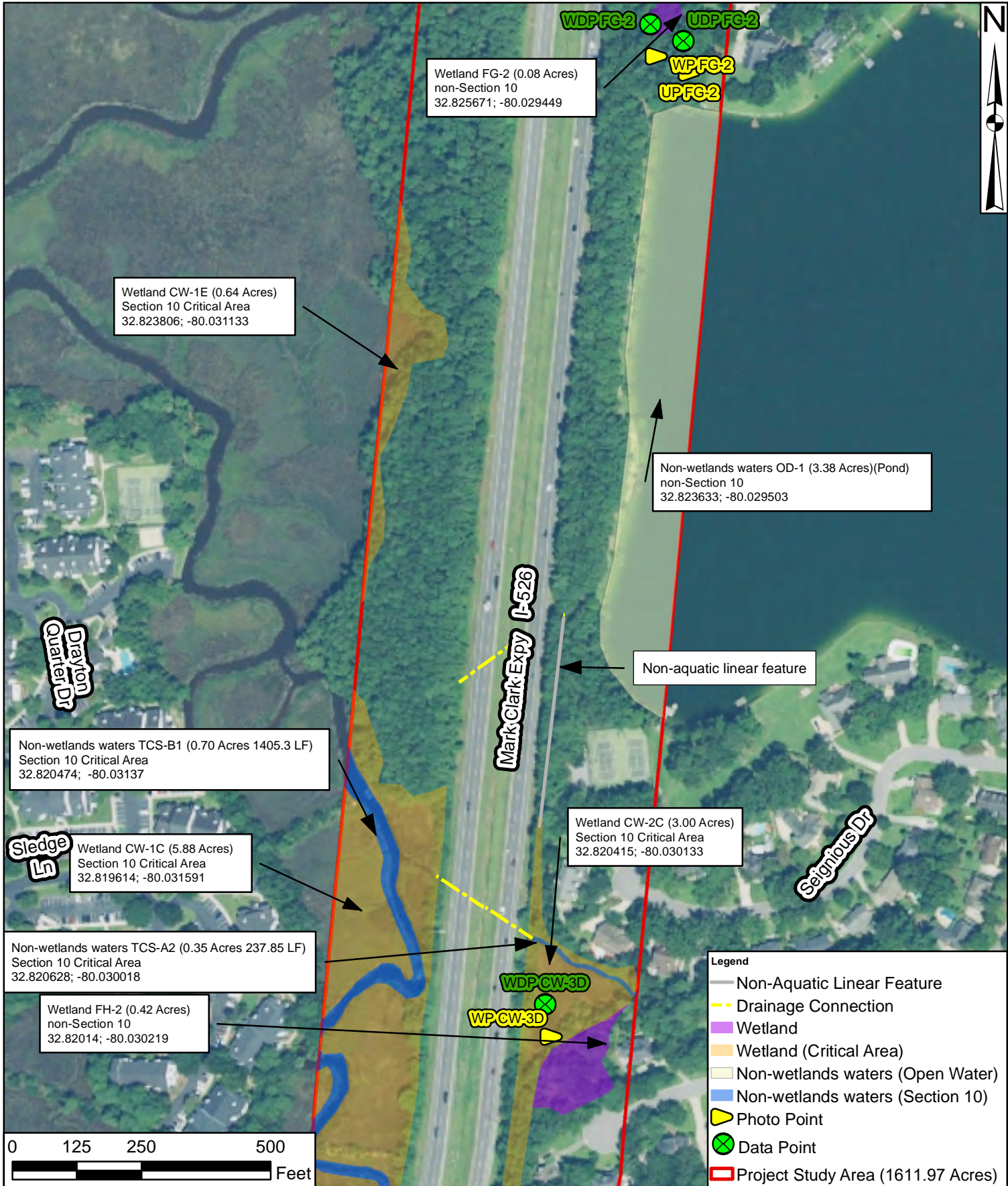
Drawn By: RHH
QA/QC: KLM

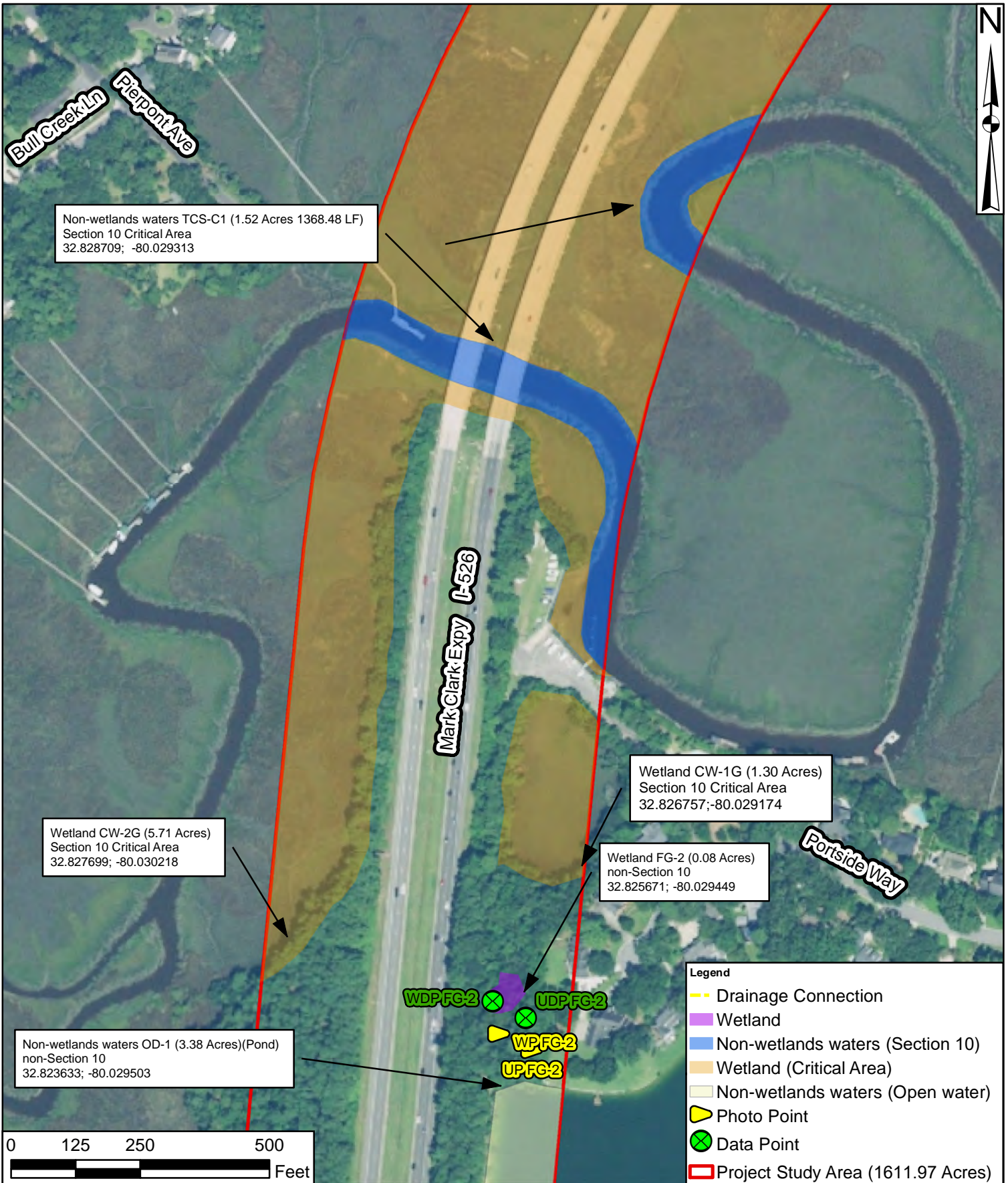
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

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Non-wetlands waters TCS-E1 (21.08 Acres 604.40 LF)
Section 10 Critical Area
32.835725; -80.02419

Wetland CW-2H (16.43 Acres)
Section 10 Critical Area
32.832757; -80.026918

Non-wetlands waters TCS-D1 (0.78 Acres 966.12 LF)
Section 10 Critical Area
32.831419; -80.028144

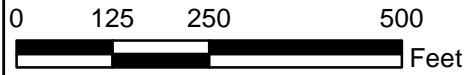
Wetland CW-1H (11.88 Acres)
Section 10 Critical Area
32.830243; -80.028896

Non-wetlands waters TCS-C1 (1.52 Acres 1368.48 LF)
Section 10 Critical Area
32.828709; -80.029313

Non-wetlands waters TCS-C1 (1.52 Acres 1368.48 LF)
Section 10 Critical Area
32.828709; -80.029313

Wetland CW-2G (5.71 Acres)
Section 10 Critical Area
32.827699; -80.030218

- Legend**
- Non-wetlands waters (Section 10)
 - Wetland (Critical Area)
 - Project Study Area (1611.97 Acres)



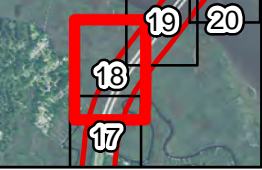
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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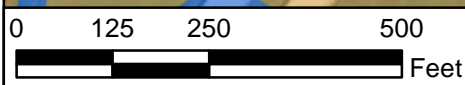
Ashley River

Mark Clark Expy I-526

Non-wetlands waters TCS-E1 (21.08 Acres 604.40 LF)
Section 10 Critical Area
32.835725; -80.02419

Wetland CW-2H (16.43 Acres)
Section 10 Critical Area
32.832757; -80.026918

Non-wetlands waters TCS-D1 (0.78 Acres 966.12 LF)
Section 10 Critical Area
32.831419; -80.028144



Legend

- Non-wetlands waters (Section 10)
- Wetland (Critical Area)
- Project Study Area (1611.97 Acres)



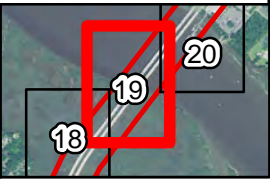

Source:
NRCS NAIP Aerial
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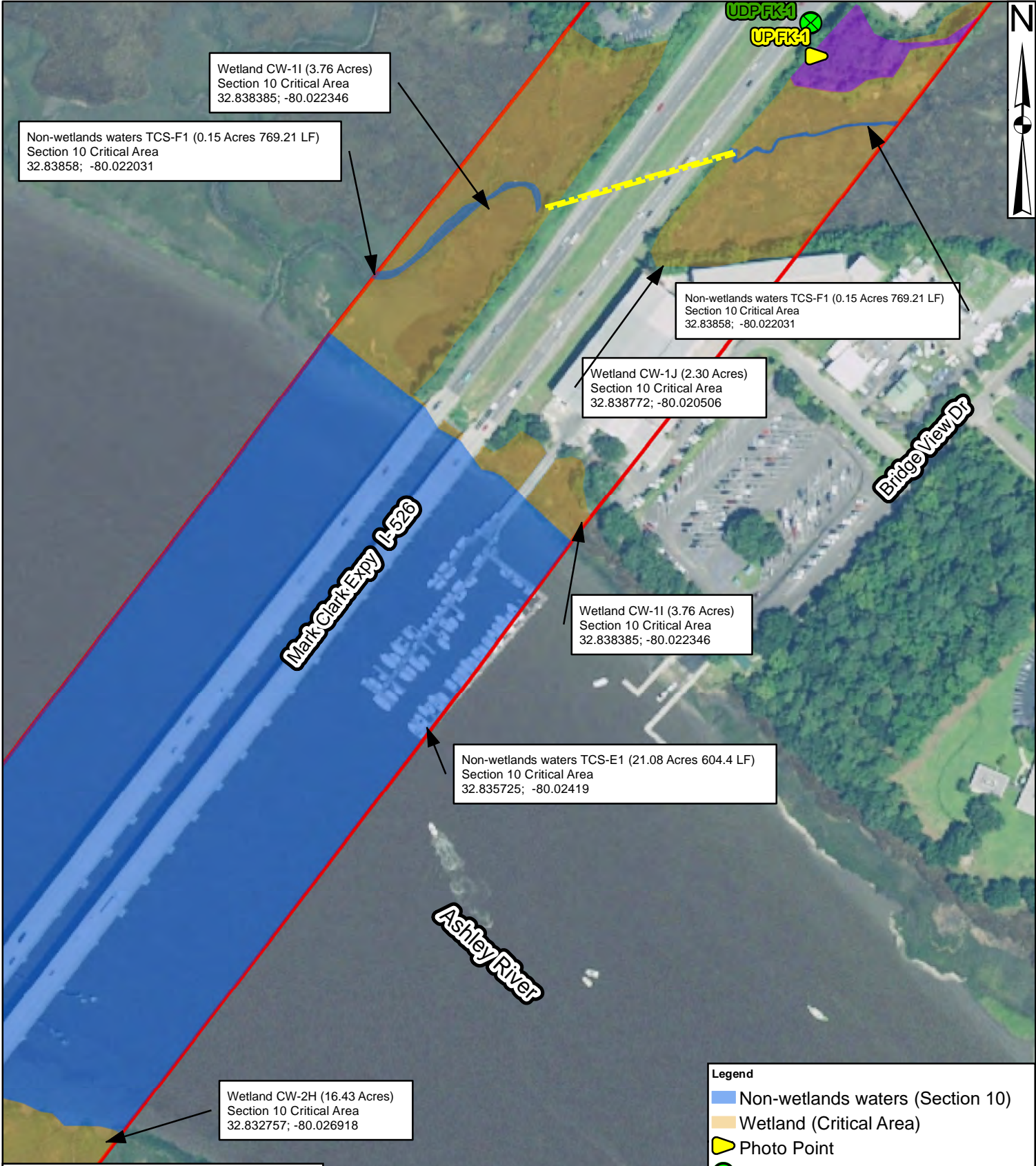
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Wetland CW-1I (3.76 Acres)
Section 10 Critical Area
32.838385; -80.022346

Non-wetlands waters TCS-F1 (0.15 Acres 769.21 LF)
Section 10 Critical Area
32.83858; -80.022031

Non-wetlands waters TCS-F1 (0.15 Acres 769.21 LF)
Section 10 Critical Area
32.83858; -80.022031

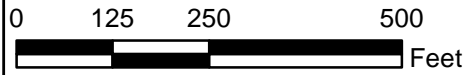
Wetland CW-1J (2.30 Acres)
Section 10 Critical Area
32.838772; -80.020506

Wetland CW-1I (3.76 Acres)
Section 10 Critical Area
32.838385; -80.022346

Non-wetlands waters TCS-E1 (21.08 Acres 604.4 LF)
Section 10 Critical Area
32.835725; -80.02419

Wetland CW-2H (16.43 Acres)
Section 10 Critical Area
32.832757; -80.026918

- Legend**
- Non-wetlands waters (Section 10)
 - Wetland (Critical Area)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

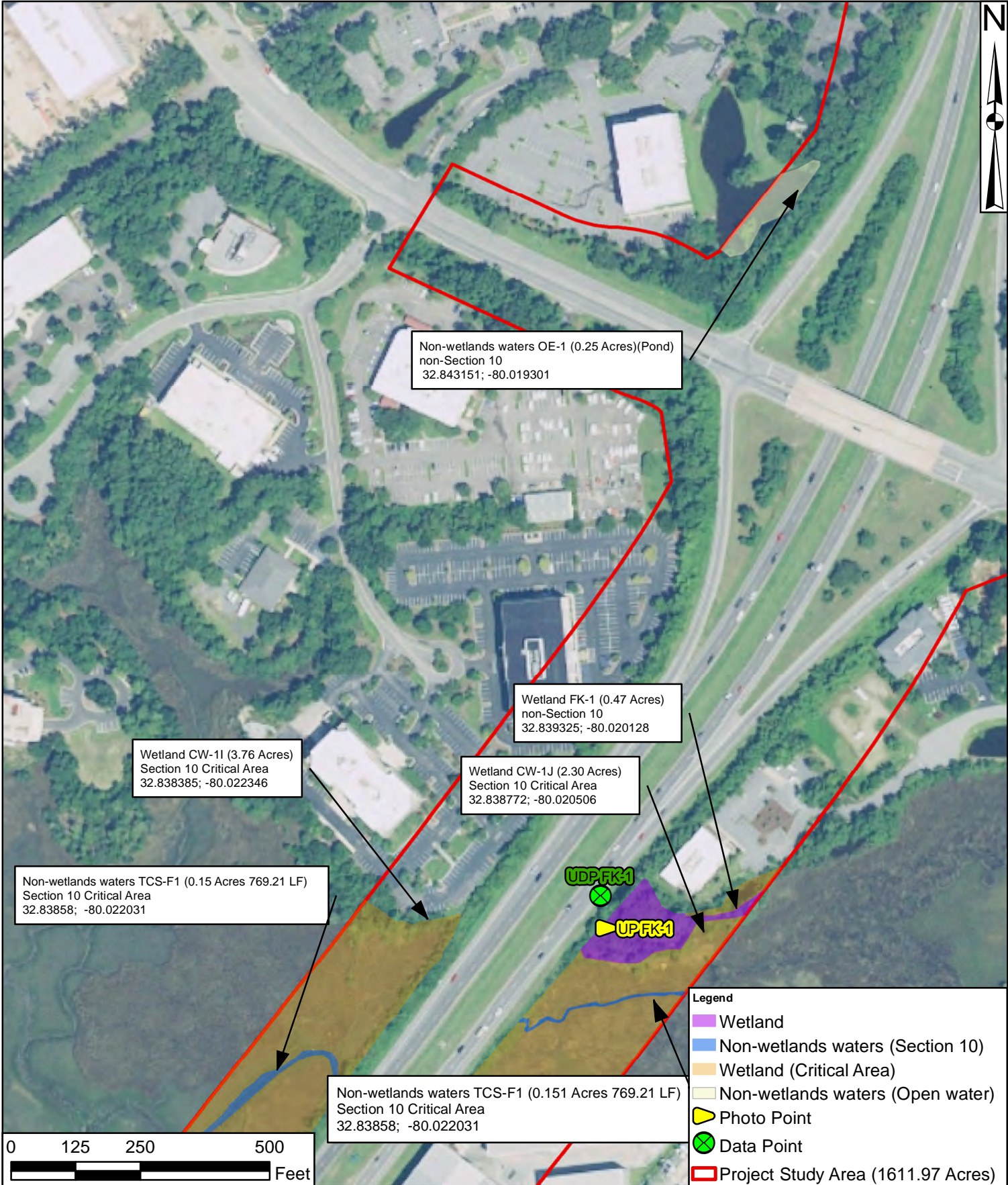
Drawn By: RHH
QA/QC: KLM

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Non-wetlands waters OE-1 (0.25 Acres)(Pond)
non-Section 10
32.843151; -80.019301

Wetland FK-1 (0.47 Acres)
non-Section 10
32.839325; -80.020128

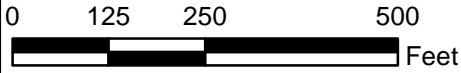
Wetland CW-1I (3.76 Acres)
Section 10 Critical Area
32.838385; -80.022346

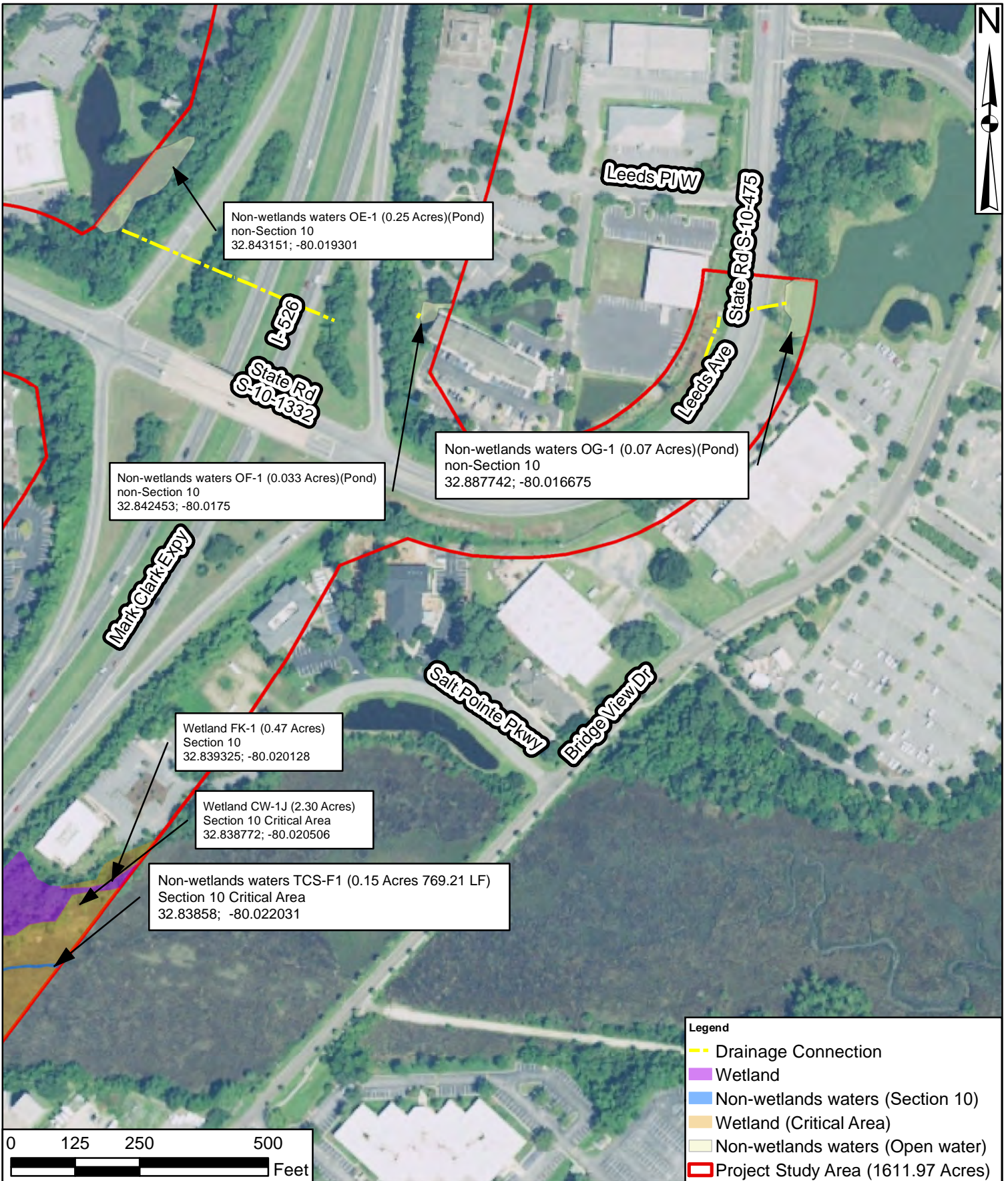
Wetland CW-1J (2.30 Acres)
Section 10 Critical Area
32.838772; -80.020506

Non-wetlands waters TCS-F1 (0.15 Acres 769.21 LF)
Section 10 Critical Area
32.83858; -80.022031

Non-wetlands waters TCS-F1 (0.151 Acres 769.21 LF)
Section 10 Critical Area
32.83858; -80.022031

- Legend**
- Wetland
 - Non-wetlands waters (Section 10)
 - Wetland (Critical Area)
 - Non-wetlands waters (Open water)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)





Non-wetlands waters OE-1 (0.25 Acres)(Pond)
non-Section 10
32.843151; -80.019301

Non-wetlands waters OF-1 (0.033 Acres)(Pond)
non-Section 10
32.842453; -80.0175

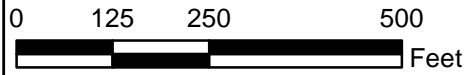
Non-wetlands waters OG-1 (0.07 Acres)(Pond)
non-Section 10
32.887742; -80.016675

Wetland FK-1 (0.47 Acres)
Section 10
32.839325; -80.020128

Wetland CW-1J (2.30 Acres)
Section 10 Critical Area
32.838772; -80.020506

Non-wetlands waters TCS-F1 (0.15 Acres 769.21 LF)
Section 10 Critical Area
32.83858; -80.022031

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters (Section 10)
 - Wetland (Critical Area)
 - Non-wetlands waters (Open water)
 - Project Study Area (1611.97 Acres)



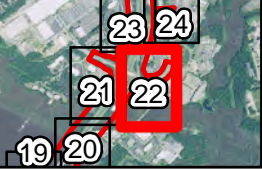
Source:
NRCS NAIP Aerial
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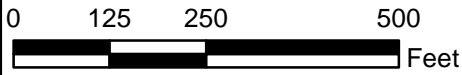
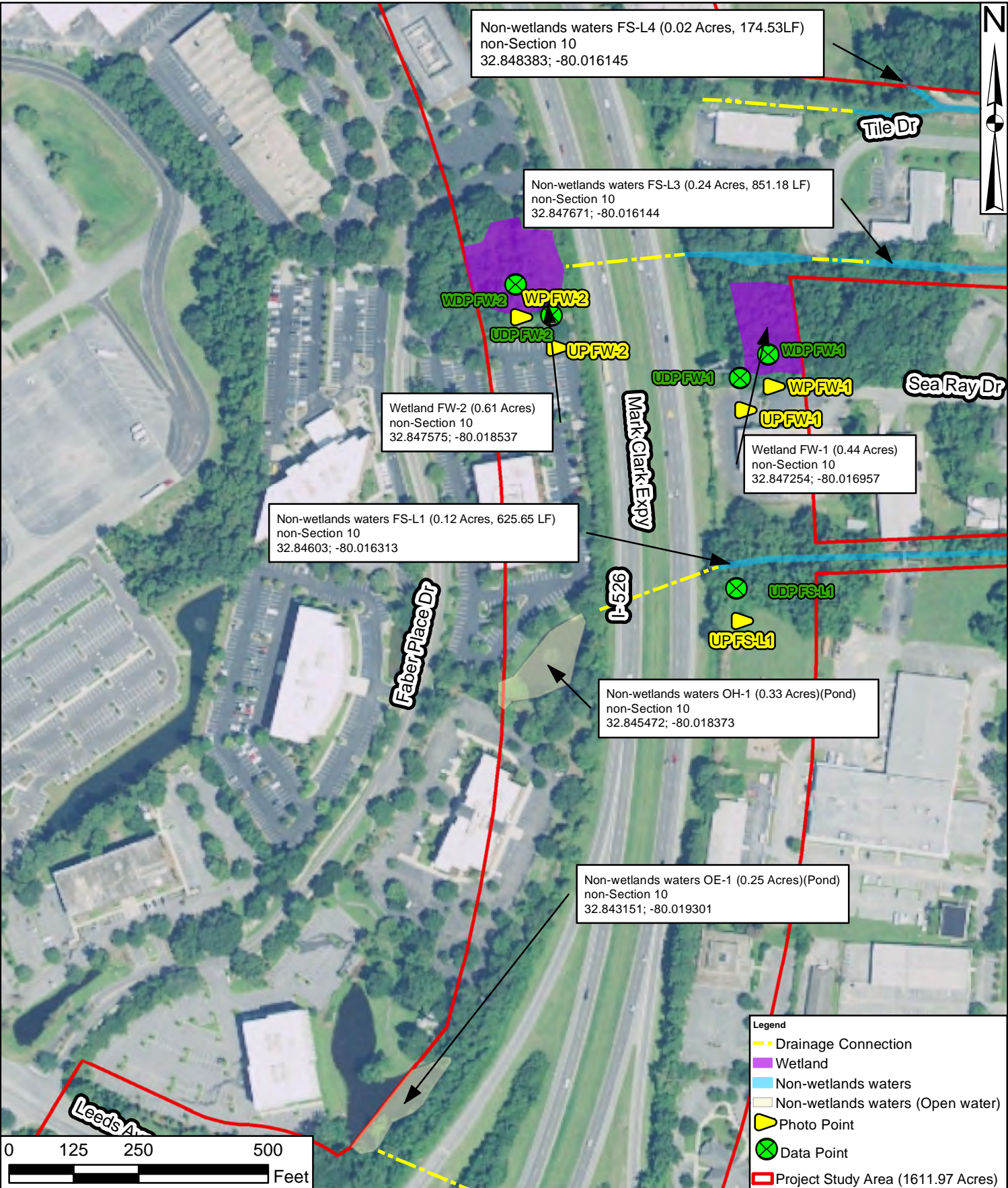
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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October 31 2019

Aquatic Resources

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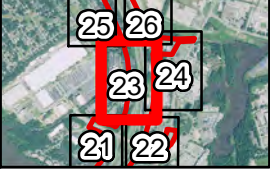
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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Aquatic Resources

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Non-wetlands waters FS-L4 (0.02 Acres, 174.53LF)
non-Section 10
32.848383; -80.016145

Non-wetlands waters FS-L2 (0.14 Acres, 764.18 LF)
non-Section 10
32.848389; -80.015042

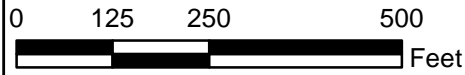
Non-wetlands waters FS-L3 (0.24 Acres, 851.18 LF)
non-Section 10
32.847671; -80.016144

Wetland FW-2 (0.61 Acres)
non-Section 10
32.847575; -80.018537

Wetland FW-1 (0.44 Acres)
non-Section 10
32.847254; -80.016957

Non-wetlands waters FS-L1 (0.12 Acres, 625.65 LF)
non-Section 10
32.84603; -80.016313

Non-wetlands waters OH-1 (0.33 Acres)(Pond)
non-Section 10
32.845472; -80.018373



- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Non-wetlands waters (Open water)
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



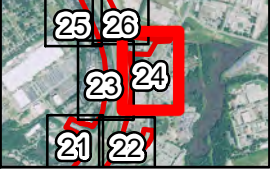
Source:
NRCS NAIP Aerial
2017

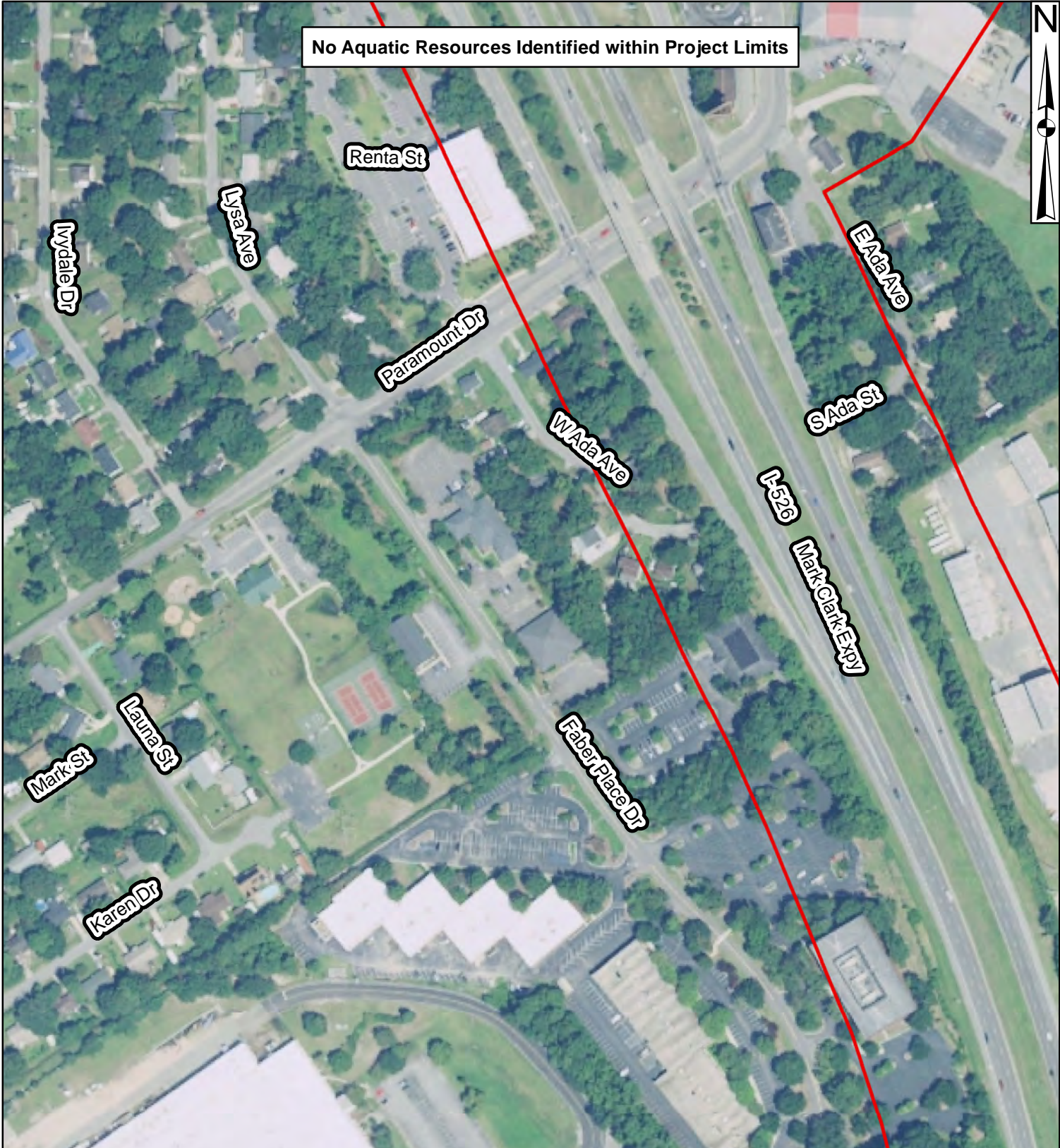
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Drawn By: RHH
QA/QC: KLM

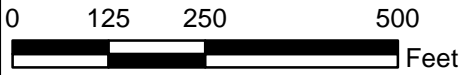
Aquatic Resources

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No Aquatic Resources Identified within Project Limits



- Legend**
- Drainage Connection
 - Project Study Area (1611.97 Acres)

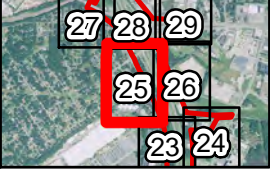
Source:
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2017

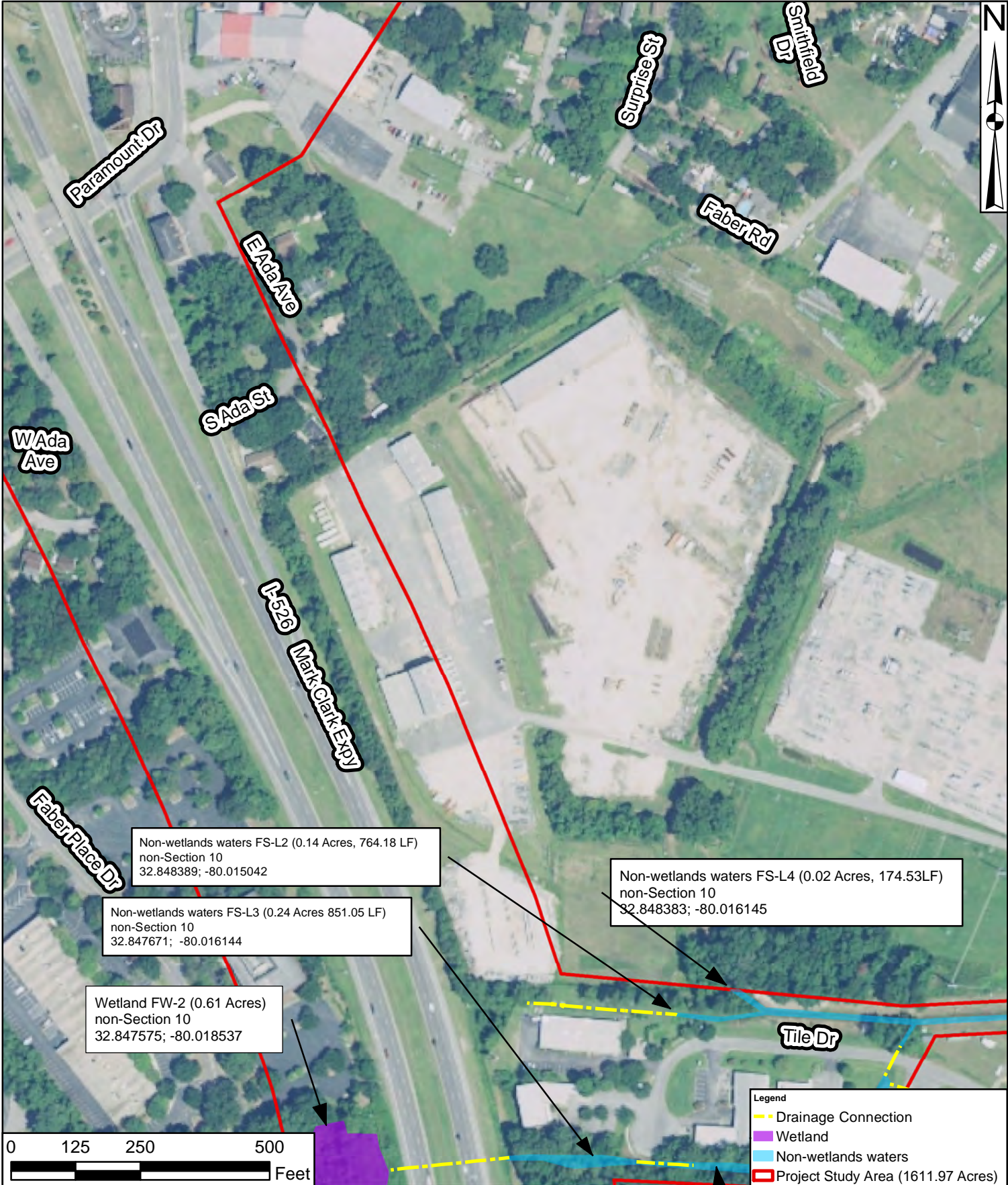
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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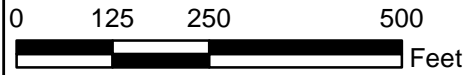
Non-wetlands waters FS-L2 (0.14 Acres, 764.18 LF)
 non-Section 10
 32.848389; -80.015042

Non-wetlands waters FS-L3 (0.24 Acres 851.05 LF)
 non-Section 10
 32.847671; -80.016144

Wetland FW-2 (0.61 Acres)
 non-Section 10
 32.847575; -80.018537

Non-wetlands waters FS-L4 (0.02 Acres, 174.53LF)
 non-Section 10
 32.848383; -80.016145

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



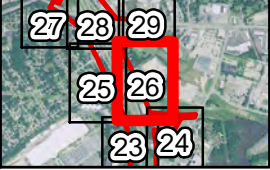
Source:
 NRCS NAIP Aerial
 2017

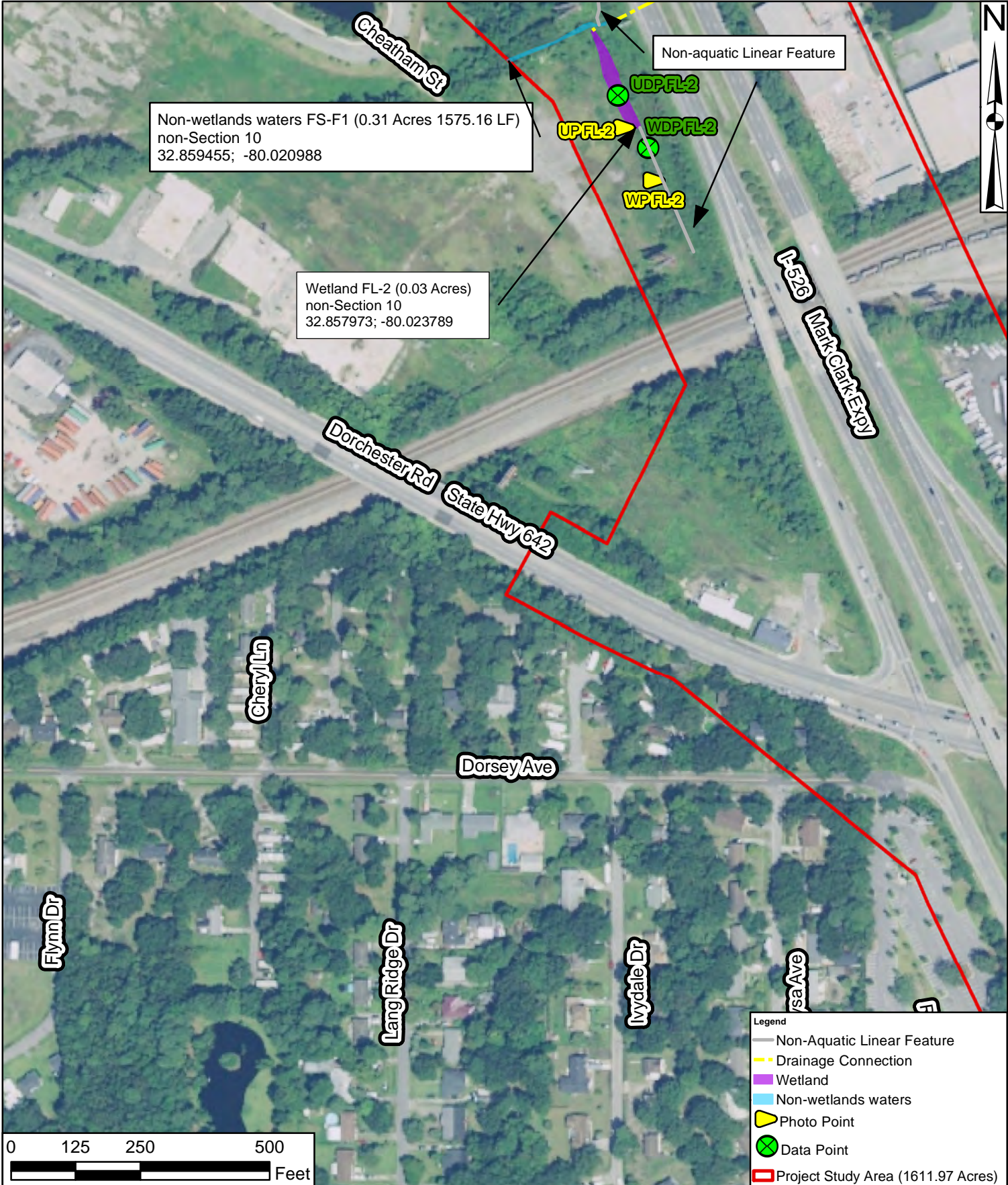
Drawn By: RHH
 QA/QC: KLM

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 Charleston County
 SCDOT P032102
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Non-wetlands waters FS-F1 (0.31 Acres 1575.16 LF)
non-Section 10
32.859455; -80.020988

Wetland FL-2 (0.03 Acres)
non-Section 10
32.857973; -80.023789

Non-aquatic Linear Feature

Cheatham St

I-526
Mark Clark Expy

Dorchester Rd
State Hwy 642

Cheryl Ln

Dorsey Ave

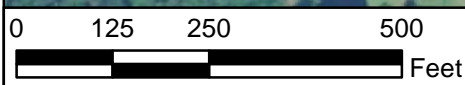
Flynn Dr

Lang Ridge Dr

Ivydale Dr

Isa Ave

- Legend
- Non-Aquatic Linear Feature
 - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - ⊗ Data Point
 - ▭ Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

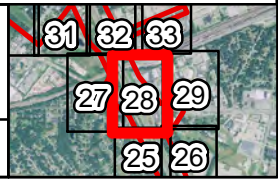
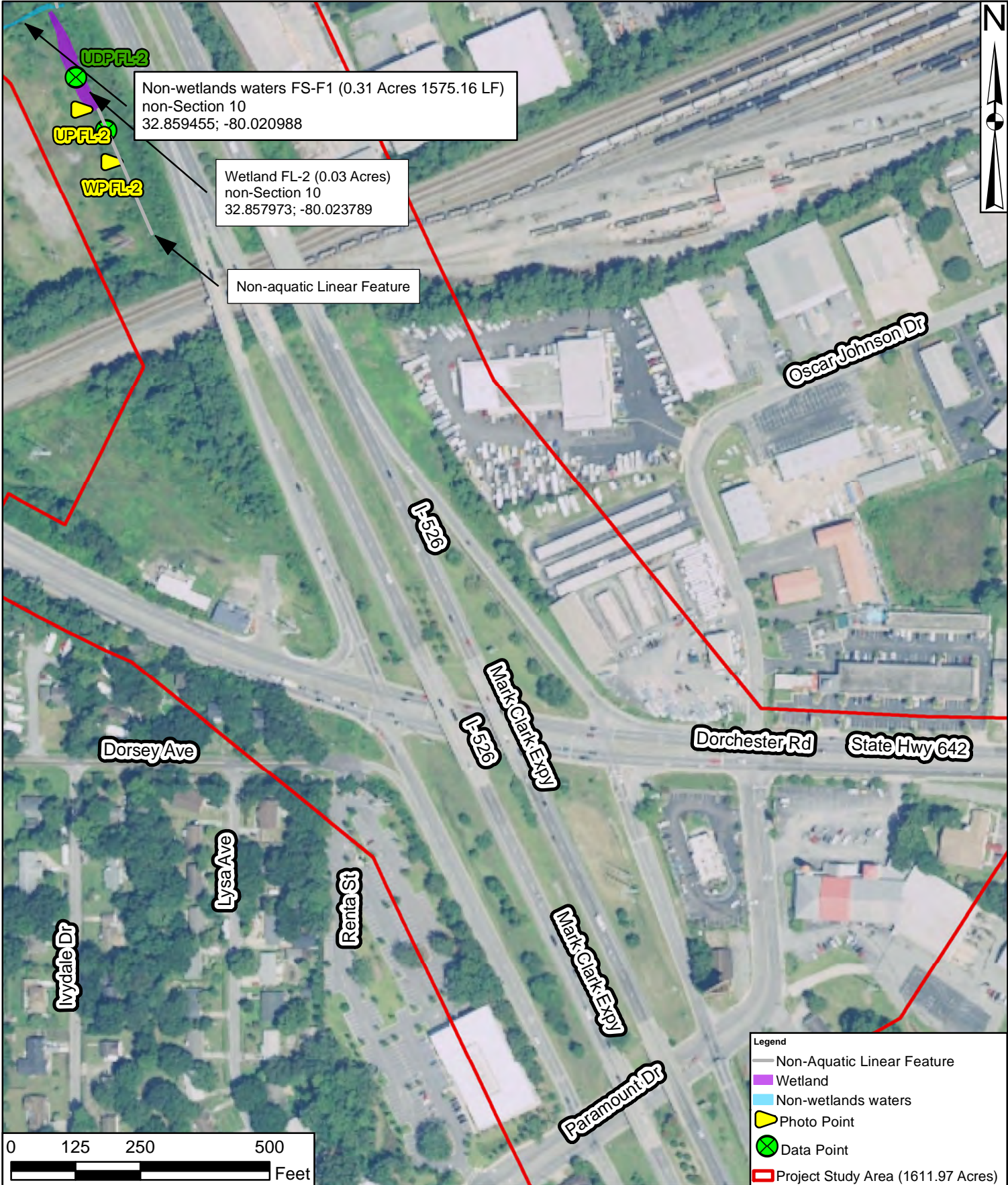
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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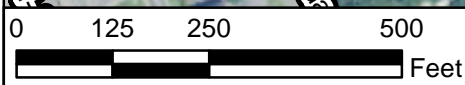
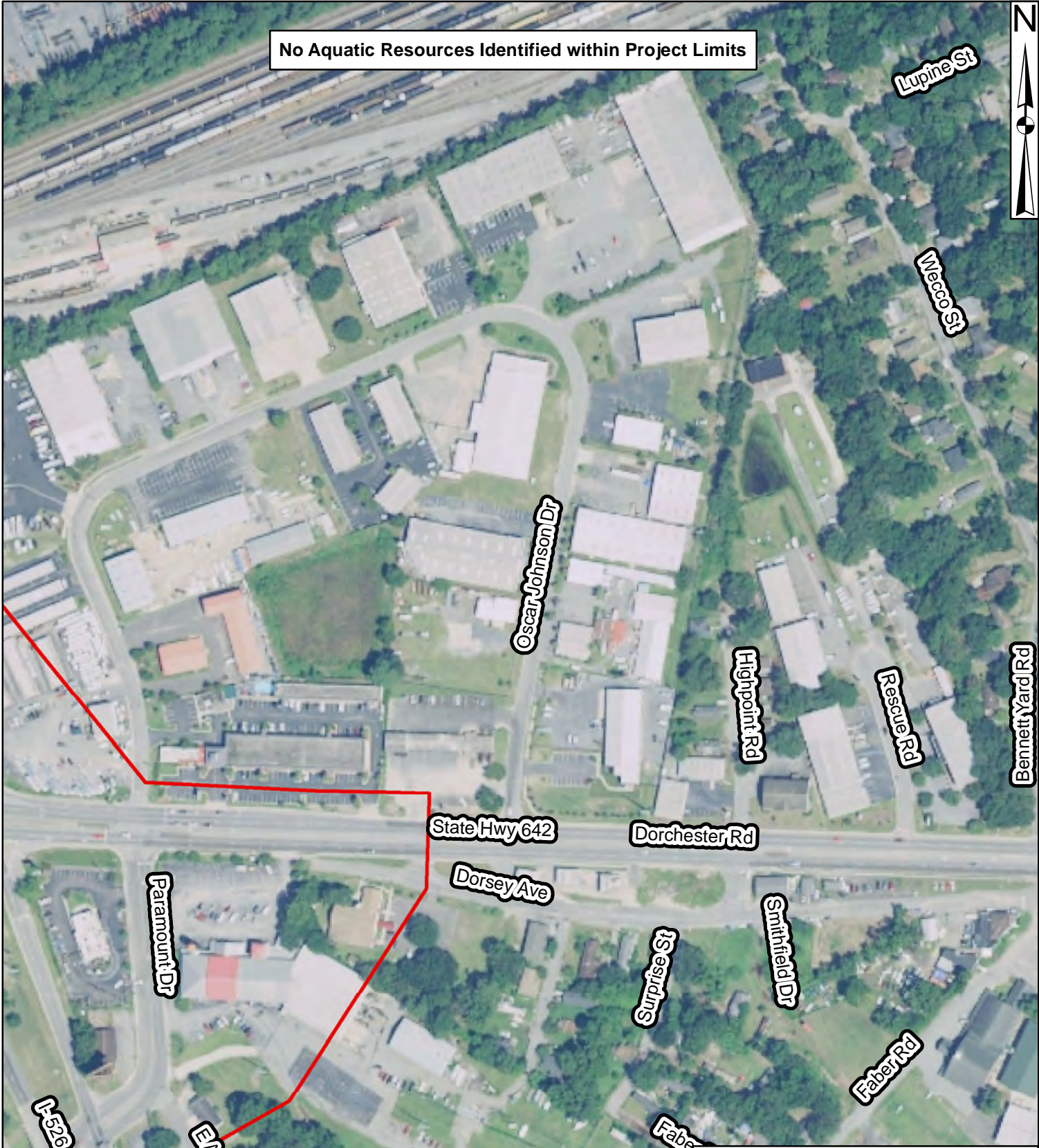
Aquatic Resources

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No Aquatic Resources Identified within Project Limits



Legend
 - - - Drainage Connection
 [Red Outline] Project Study Area (1611.97 Acres)



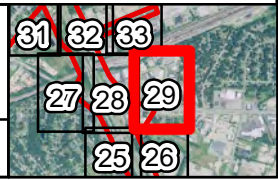
Source:
 NRCS NAIP Aerial
 2017

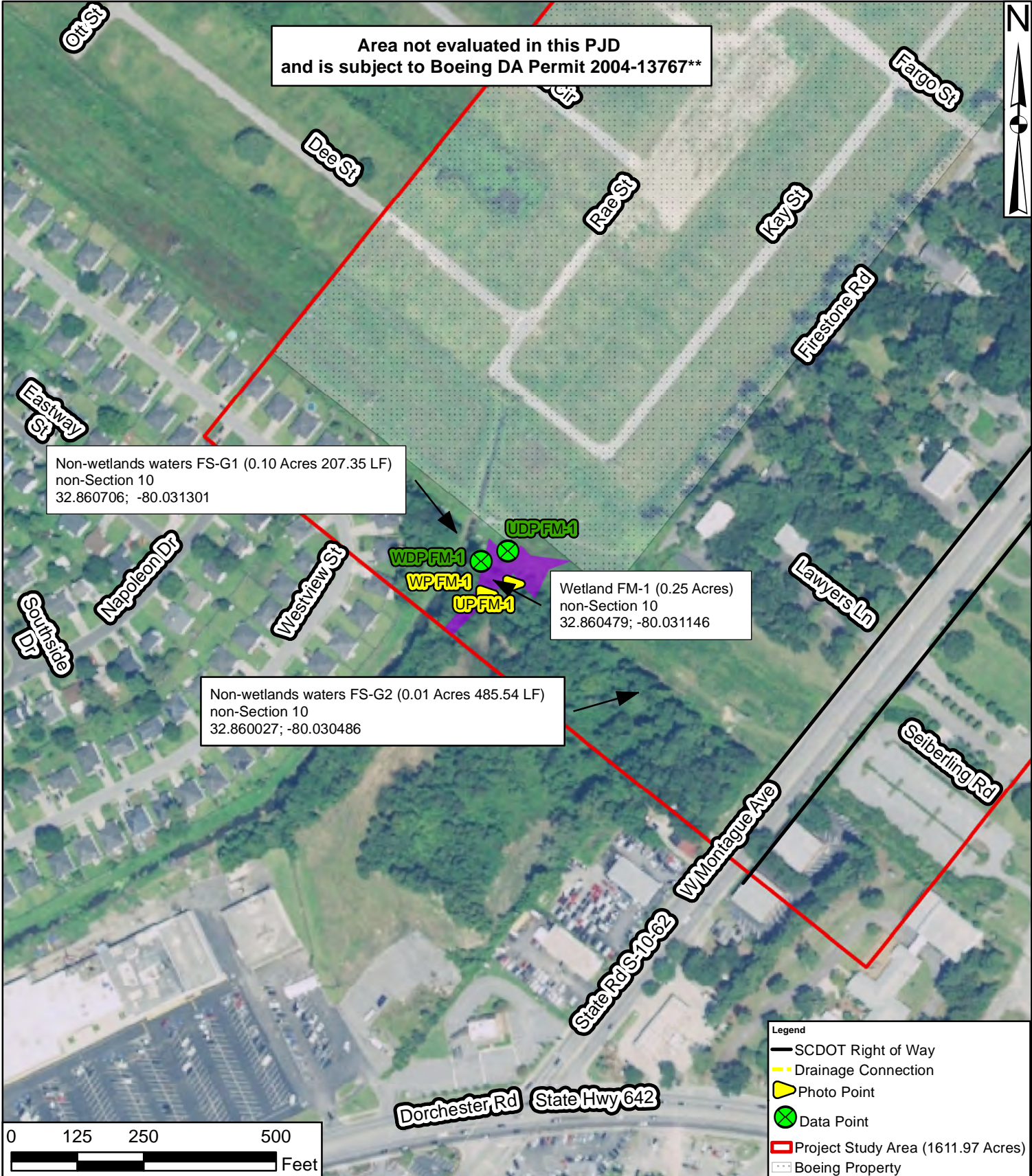
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**

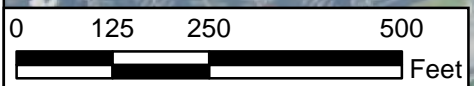


Non-wetlands waters FS-G1 (0.10 Acres 207.35 LF)
non-Section 10
32.860706; -80.031301

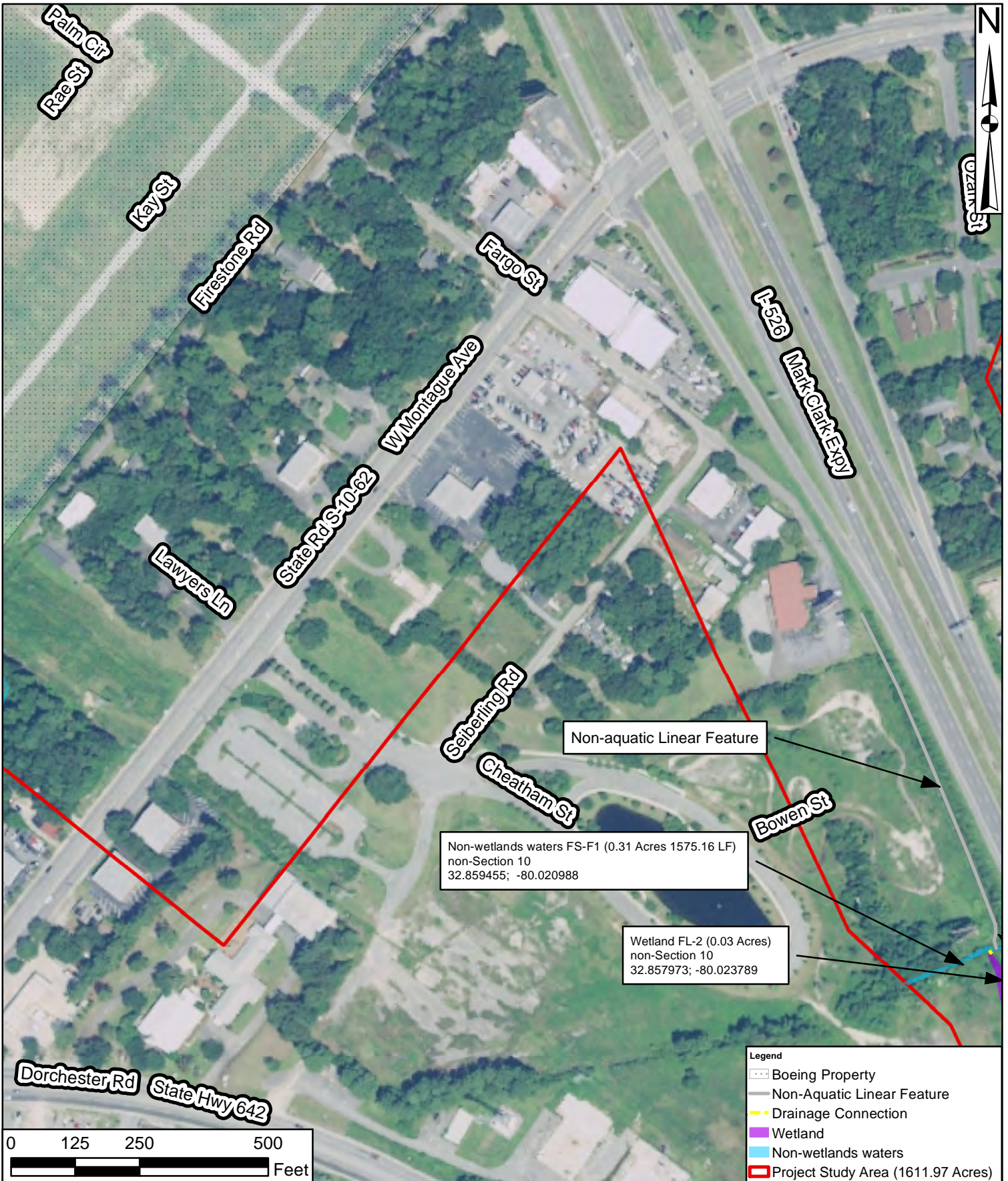
Wetland FM-1 (0.25 Acres)
non-Section 10
32.860479; -80.031146

Non-wetlands waters FS-G2 (0.01 Acres 485.54 LF)
non-Section 10
32.860027; -80.030486

- Legend
- SCDOT Right of Way
 - Drainage Connection
 - ▶ Photo Point
 - ⊗ Data Point
 - ▭ Project Study Area (1611.97 Acres)
 - ▭ Boeing Property



Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas

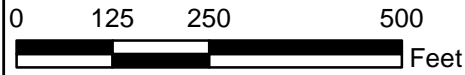


Non-aquatic Linear Feature

Non-wetlands waters FS-F1 (0.31 Acres 1575.16 LF)
non-Section 10
32.859455; -80.020988

Wetland FL-2 (0.03 Acres)
non-Section 10
32.857973; -80.023789

- Legend**
- Boeing Property
 - Non-Aquatic Linear Feature
 - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

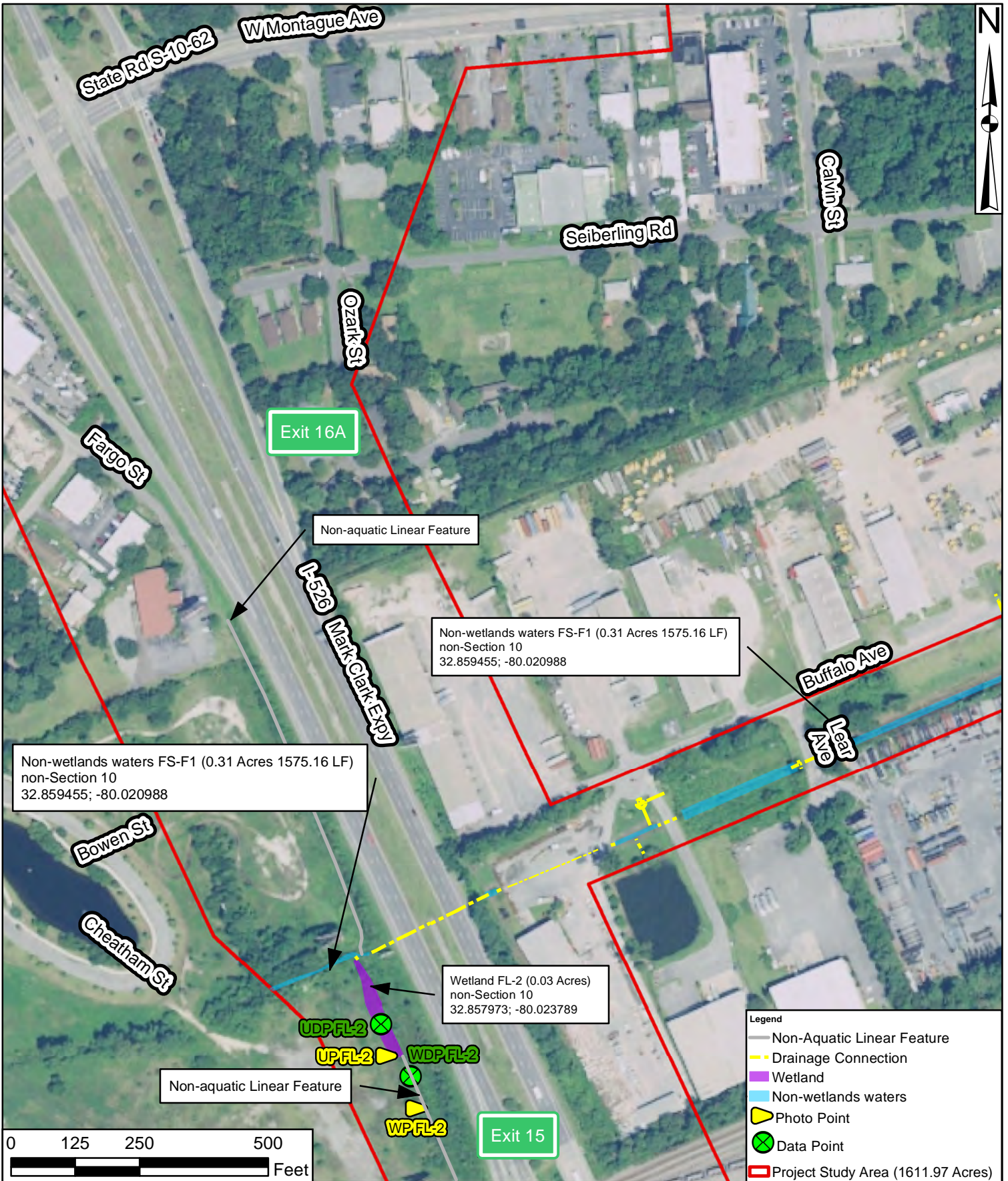
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
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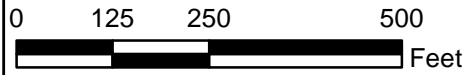


Non-wetlands waters FS-F1 (0.31 Acres 1575.16 LF)
non-Section 10
32.859455; -80.020988

Non-wetlands waters FS-F1 (0.31 Acres 1575.16 LF)
non-Section 10
32.859455; -80.020988

Wetland FL-2 (0.03 Acres)
non-Section 10
32.857973; -80.023789

- Legend**
- Non-Aquatic Linear Feature
 - - - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - ⊗ Data Point
 - ▭ Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

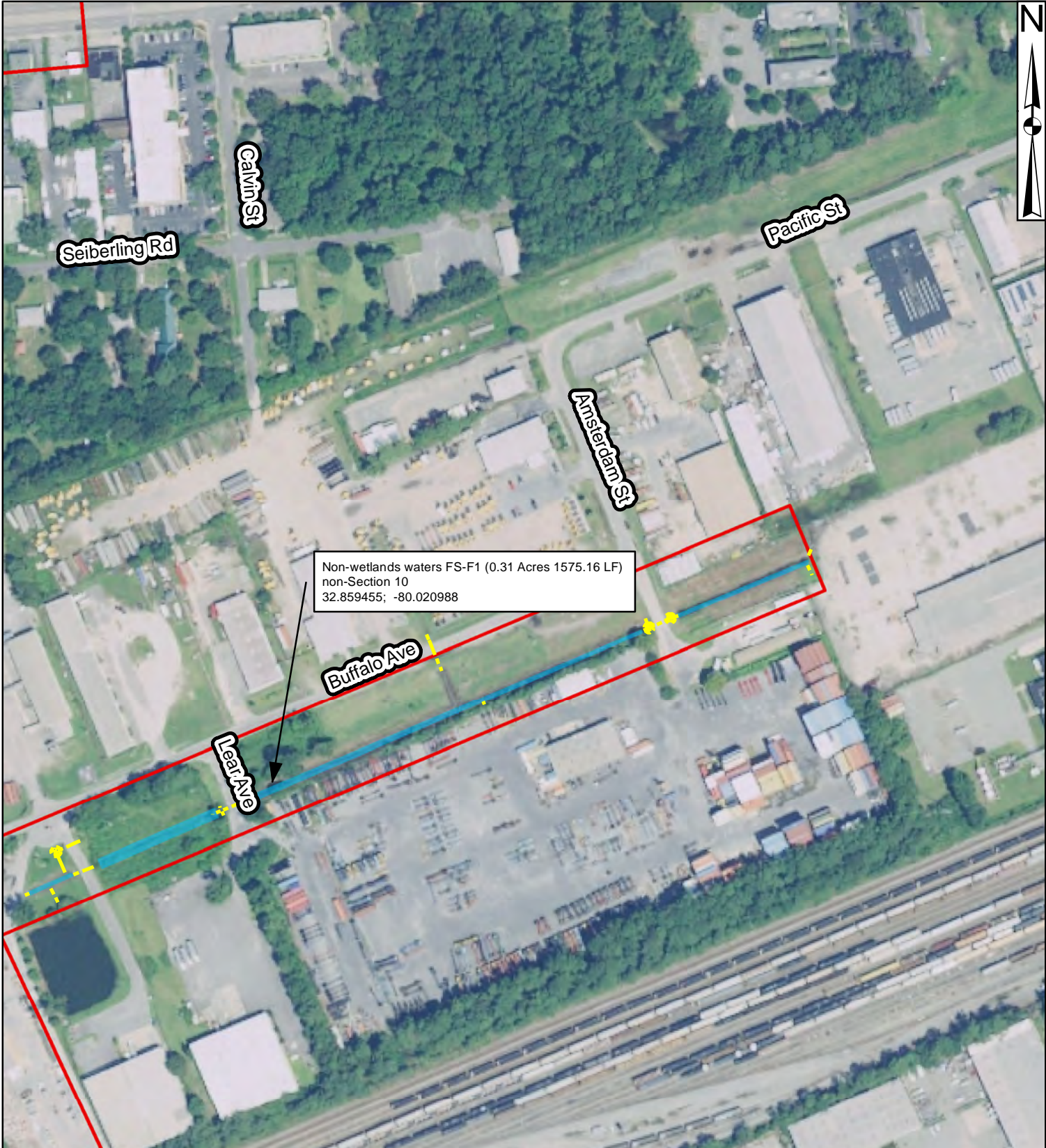
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
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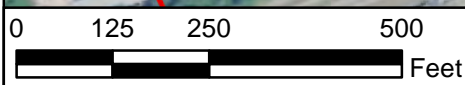
Aquatic Resources

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Non-wetlands waters FS-F1 (0.31 Acres 1575.16 LF)
 non-Section 10
 32.859455; -80.020988



- Legend**
- Drainage Connection
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



Source:
 NRCS NAIP Aerial
 2017

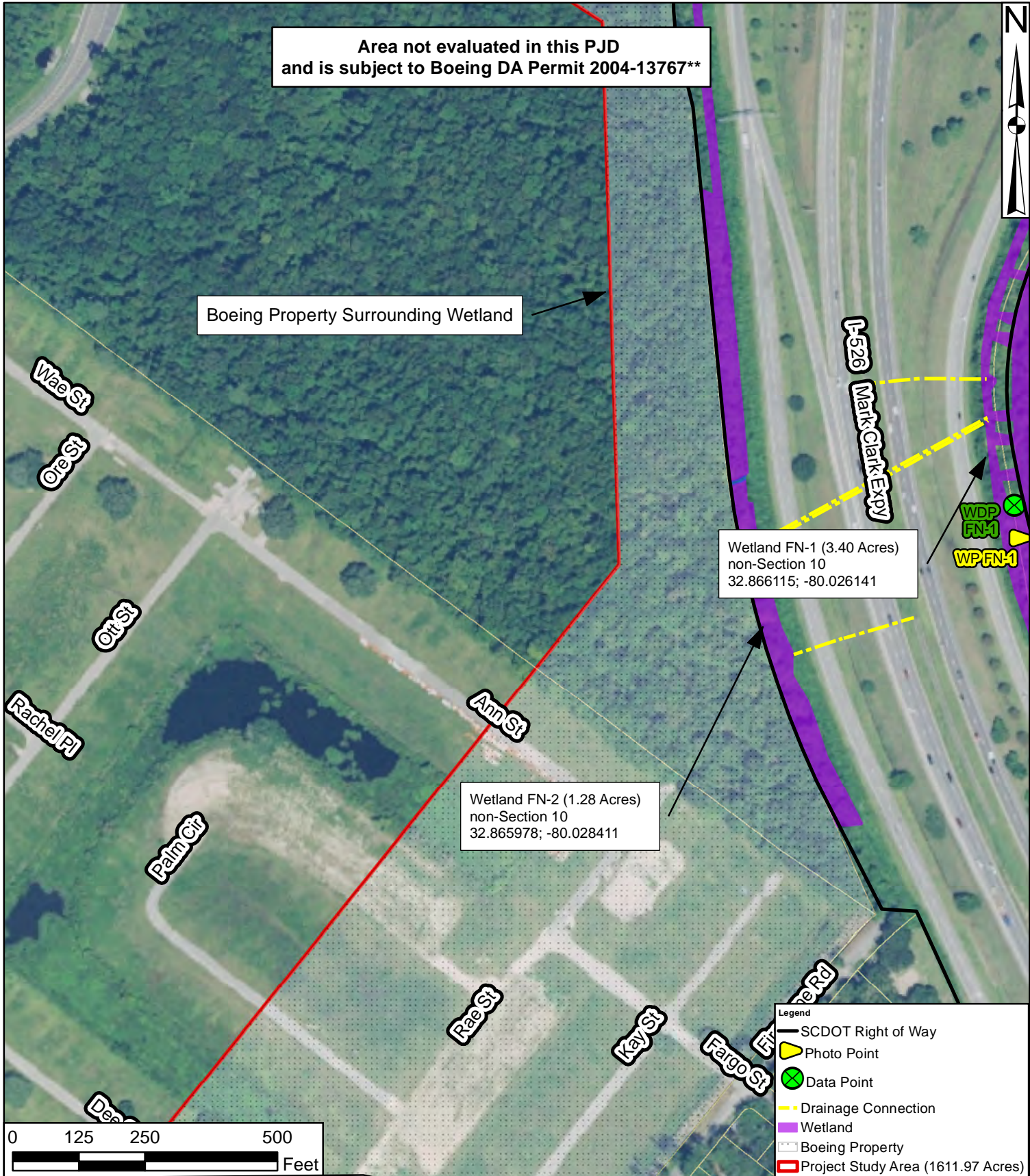
Drawn By: RHH
 QA/QC: KLM

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 Charleston County
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****Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas****

Source:
NRCS NAIP Aerial
2017

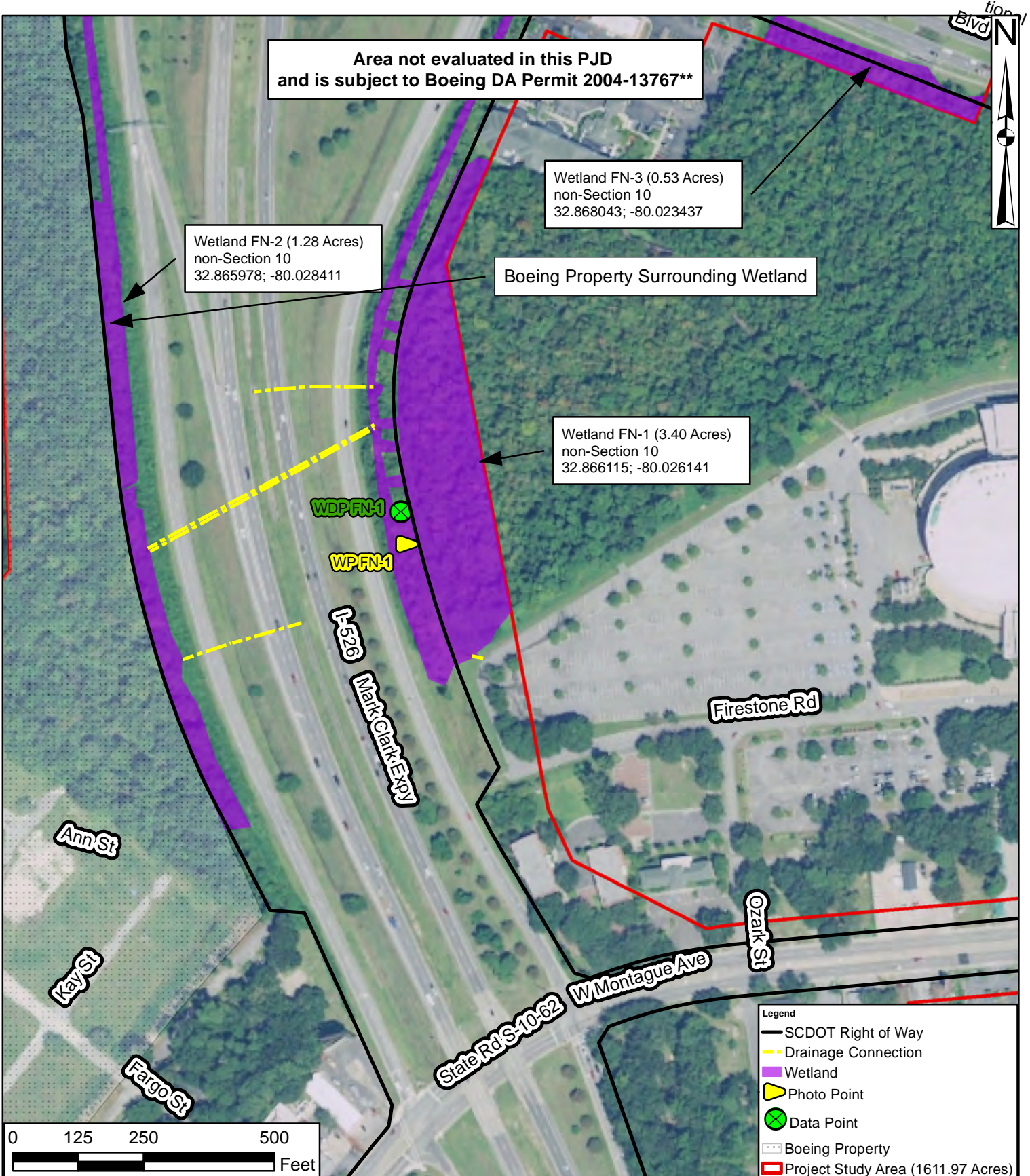
Drawn By: RHH
QA/QC: KLM

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**

Wetland FN-2 (1.28 Acres)
non-Section 10
32.865978; -80.028411

Wetland FN-3 (0.53 Acres)
non-Section 10
32.868043; -80.023437

Boeing Property Surrounding Wetland

Wetland FN-1 (3.40 Acres)
non-Section 10
32.866115; -80.026141

WDPFN-1

WPFN-1

I-526
Mark Clark Expwy

Firestone Rd

Ann St

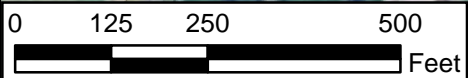
Key St

Fargo St

State Rd S-10-62
W Montague Ave

Ozark St

- Legend
- SCDOT Right of Way
 - Drainage Connection
 - Wetland
 - Photo Point
 - Data Point
 - Boeing Property
 - Project Study Area (1611.97 Acres)



Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas

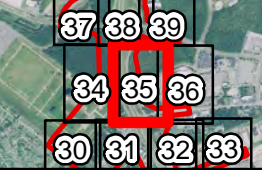
Source:
NRCS NAIP Aerial
2017

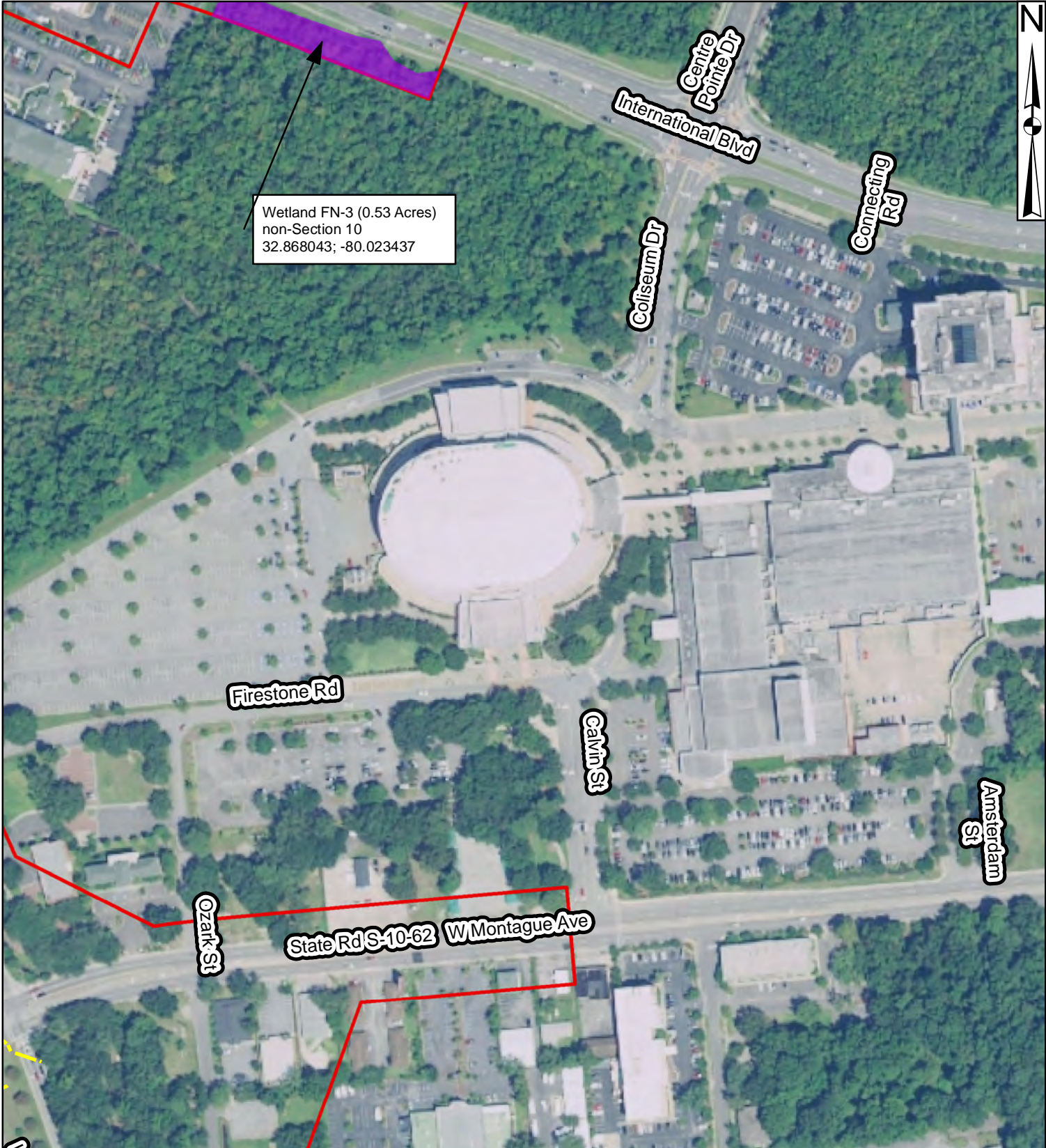
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

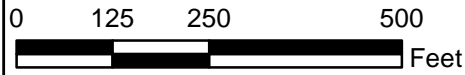
Aquatic Resources

Sheet 35 of 85





Wetland FN-3 (0.53 Acres)
 non-Section 10
 32.868043; -80.023437



- Legend**
- Drainage Connection
 - Wetland
 - Project Study Area (1611.97 Acres)

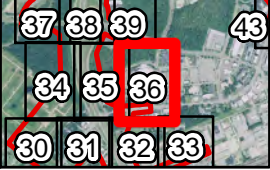
Source:
 NRCS NAIP Aerial
 2017

Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**

Wetland FO-1 (2.33 Acres)
non-Section 10
32.873366; -80.027386

Aviation Blvd

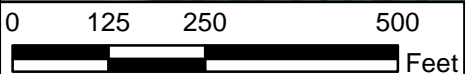
Mark Clark Expy I-526

Exit 16B

International Blvd

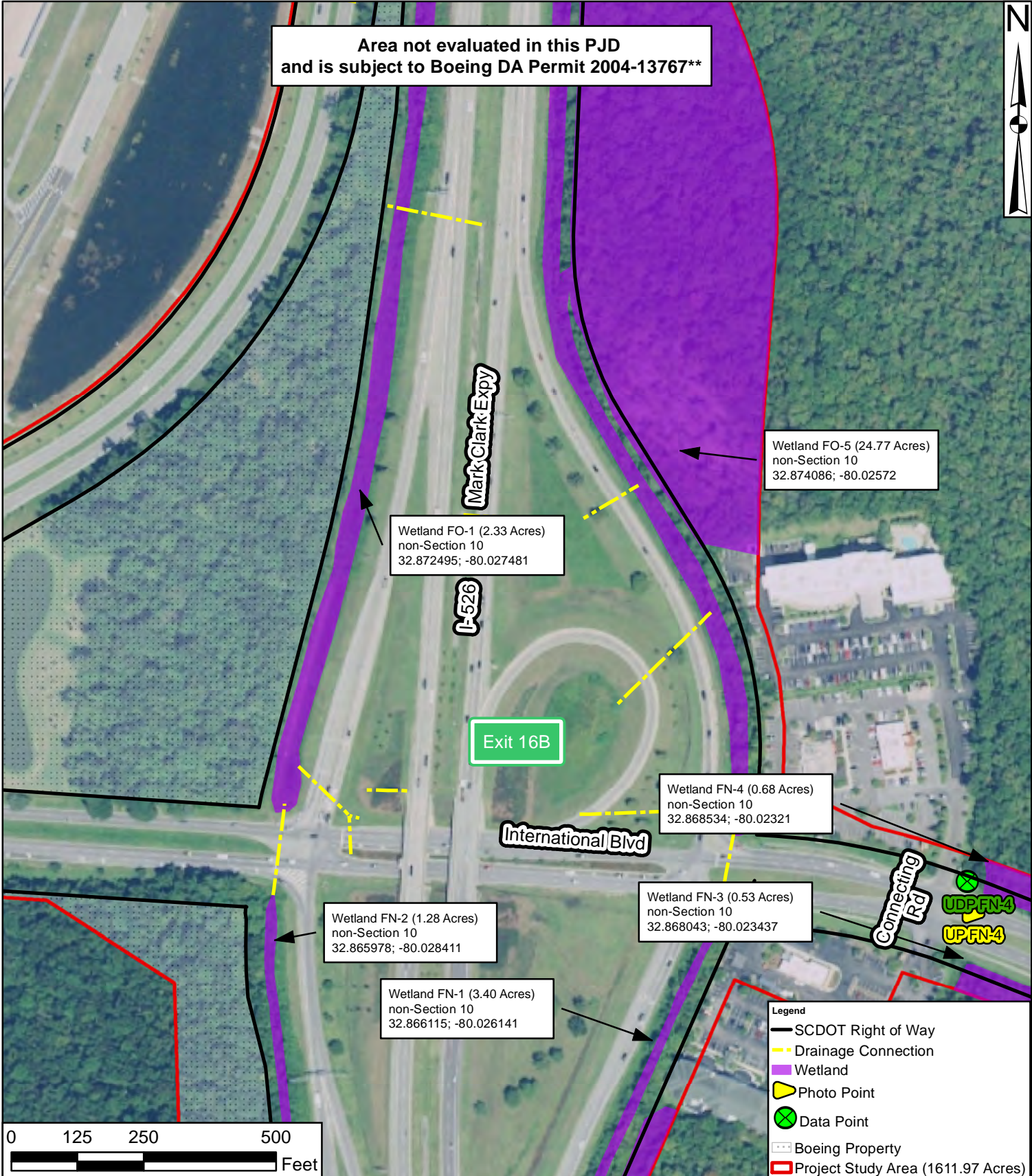
Wetland FN-2 (1.28 Acres)
non-Section 10
32.865978; -80.028411

- Legend
- SCDOT Right of Way
 - - - Drainage Connection
 - Wetland
 - Boeing Property
 - Project Study Area (1611.97 acres)



Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas

	Source: NRCS NAIP Aerial 2017	I-526 Lowcountry Corridor West Charleston County SCDOT P032102 October 31 2019		
	Drawn By: RHH QA/QC: KLM	Aquatic Resources	Sheet 37 of 85	



****Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas****

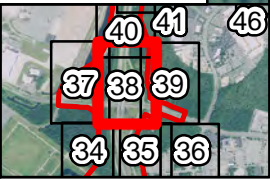
Source:
NRCS NAIP Aerial
2017

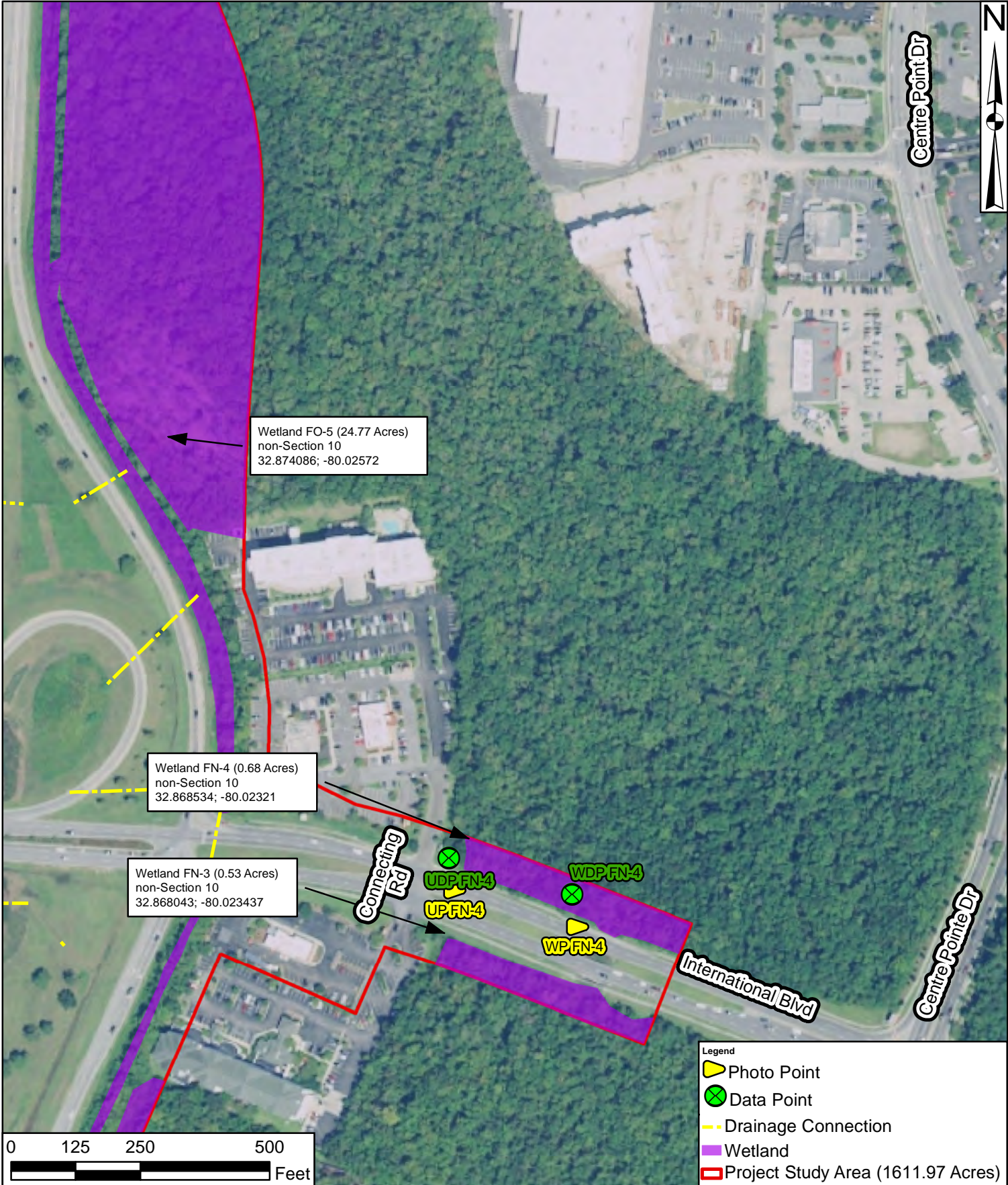
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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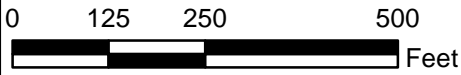


Wetland FO-5 (24.77 Acres)
non-Section 10
32.874086; -80.02572

Wetland FN-4 (0.68 Acres)
non-Section 10
32.868534; -80.02321

Wetland FN-3 (0.53 Acres)
non-Section 10
32.868043; -80.023437

- Legend
- Photo Point
 - Data Point
 - Drainage Connection
 - Wetland
 - Project Study Area (1611.97 Acres)



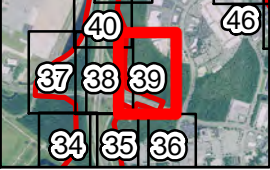
Source:
NRCS NAIP Aerial
2017

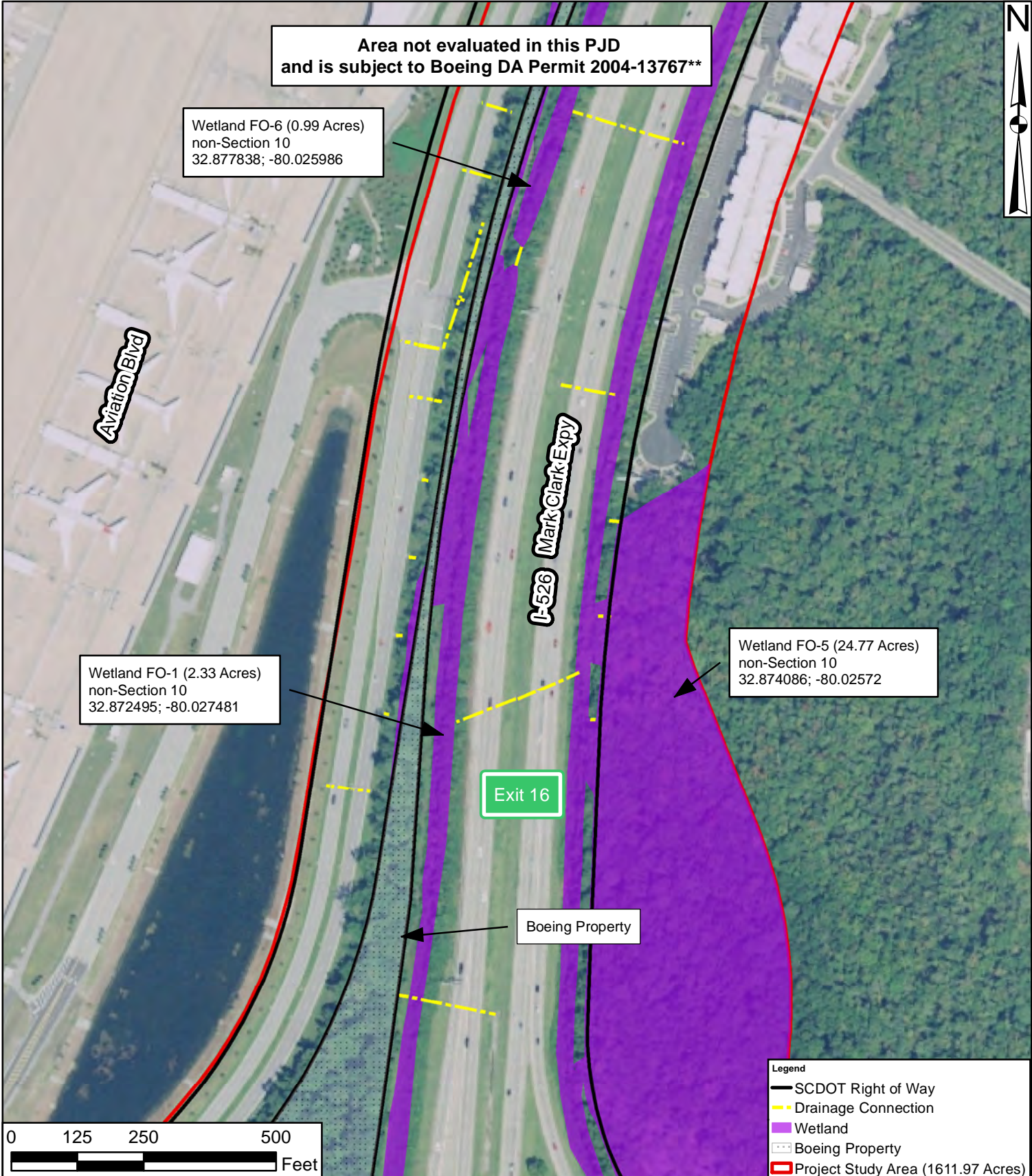
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**

Wetland FO-6 (0.99 Acres)
non-Section 10
32.877838; -80.025986

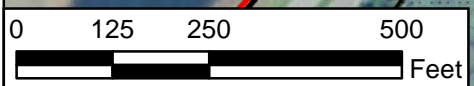
Wetland FO-1 (2.33 Acres)
non-Section 10
32.872495; -80.027481

Wetland FO-5 (24.77 Acres)
non-Section 10
32.874086; -80.02572

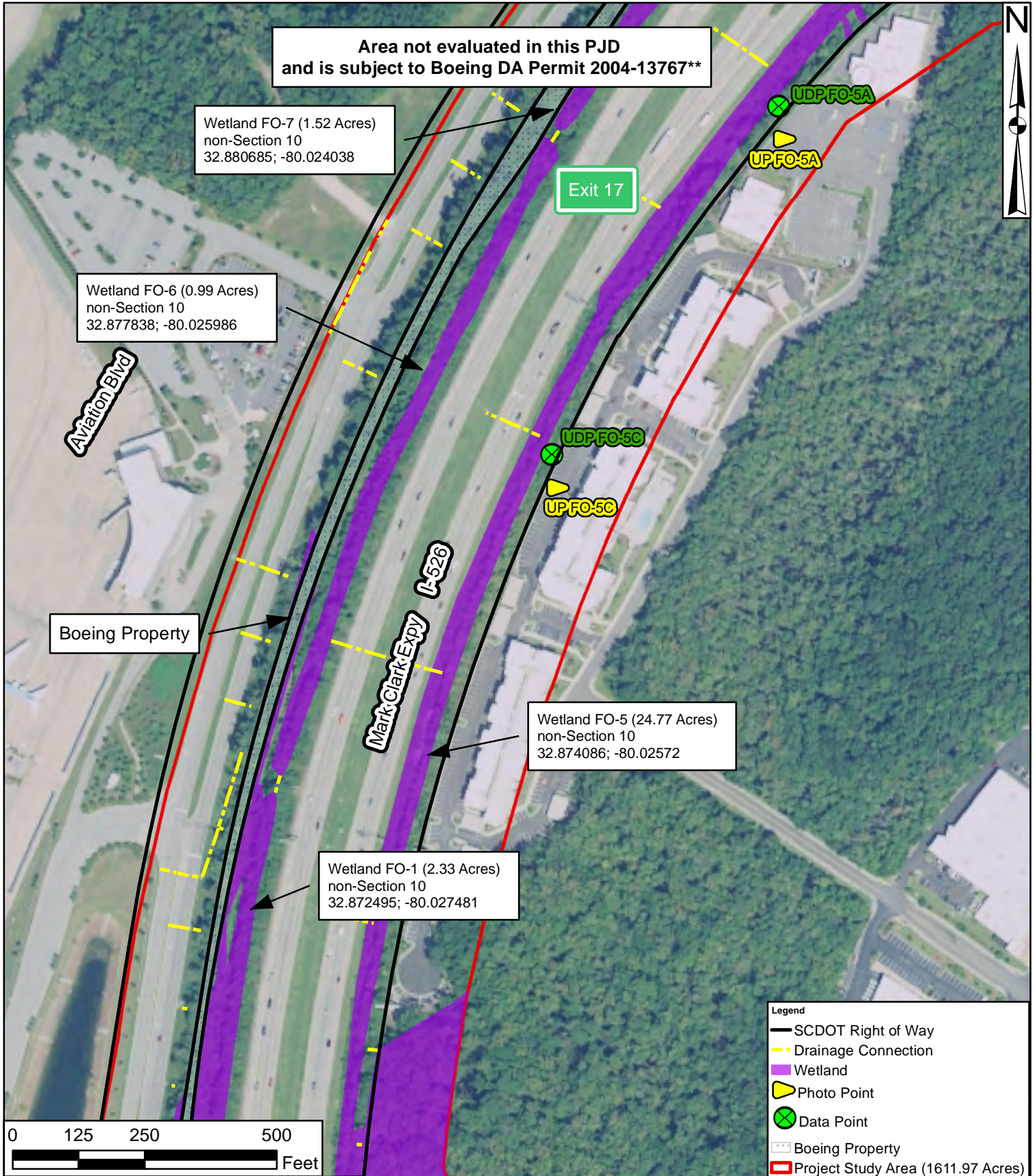
Exit 16

Boeing Property

- Legend
- SCDOT Right of Way
 - - - Drainage Connection
 - Wetland
 - Boeing Property
 - Project Study Area (1611.97 Acres)



Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas



****Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas****



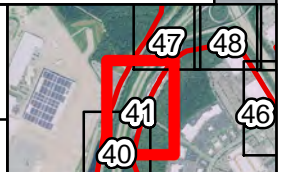
Source:
NRCS NAIP Aerial
2017

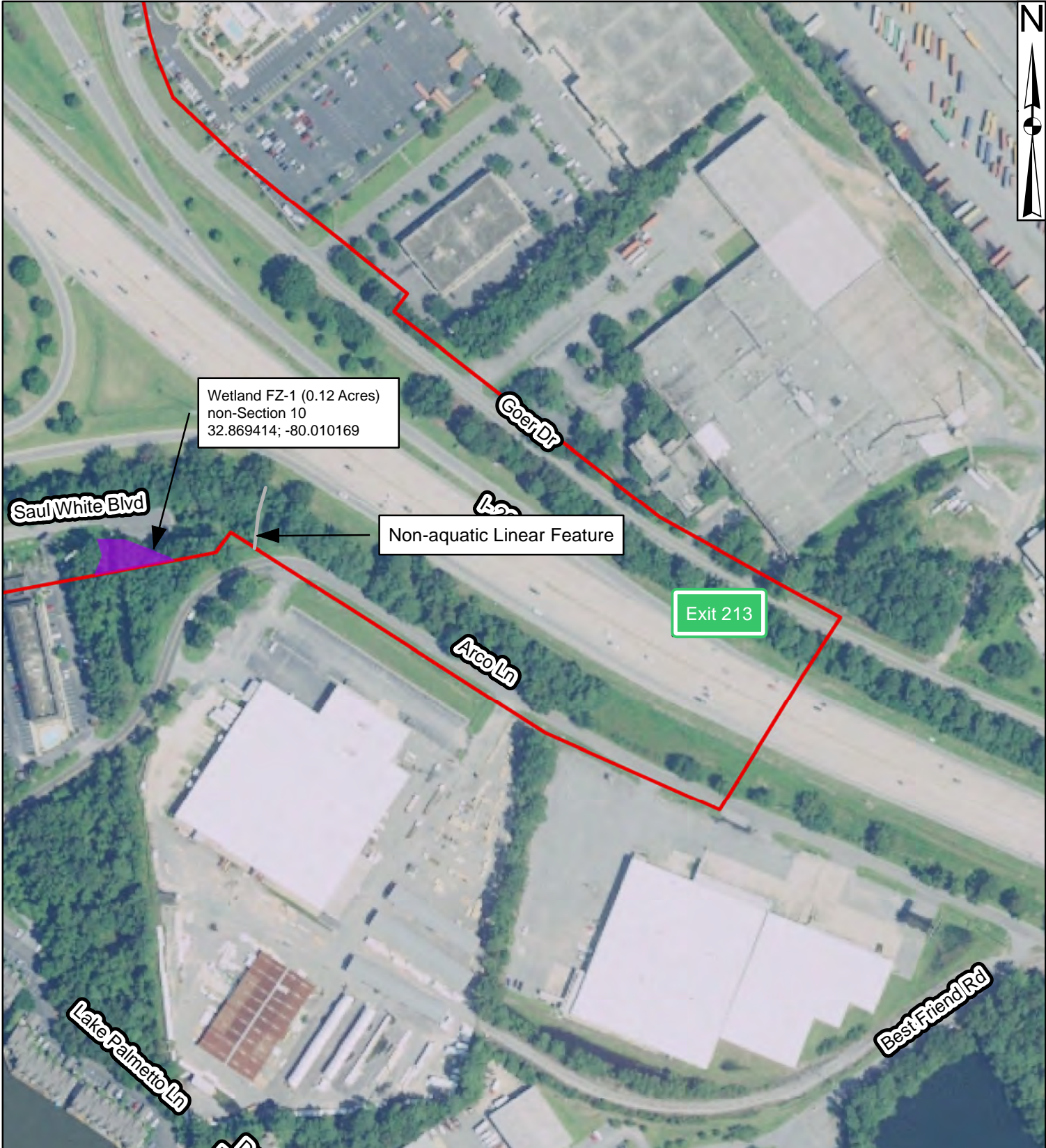
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Drawn By: RHH
QA/QC: KLM

Aquatic Resources

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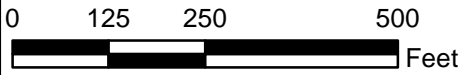




Wetland FZ-1 (0.12 Acres)
 non-Section 10
 32.869414; -80.010169

Non-aquatic Linear Feature

Exit 213



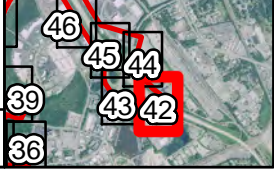
- Legend
- Non-Aquatic Linear Feature
 - Wetland
 - Project Study Area (1611.97 Acres)

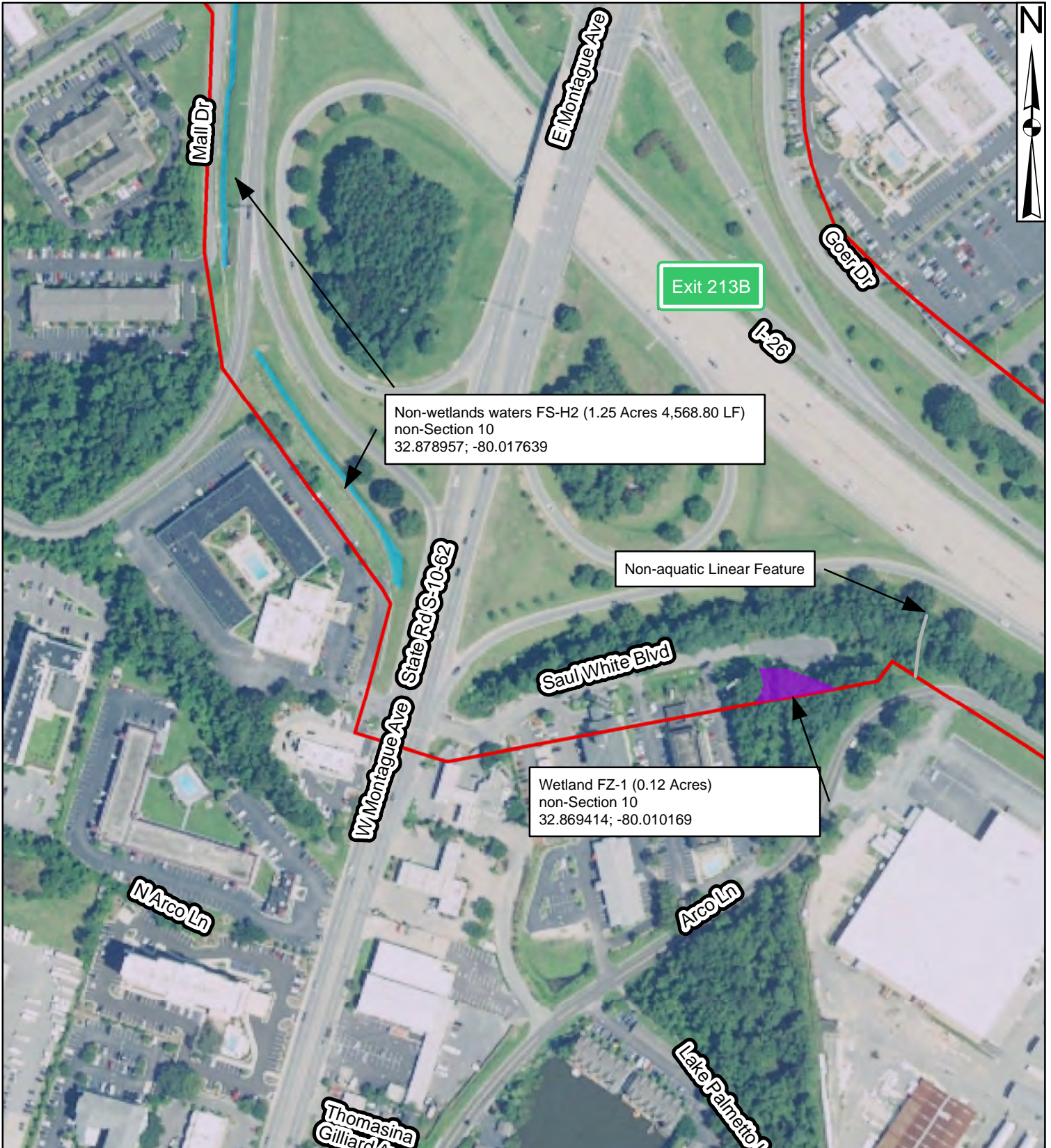
Source:
 NRCS NAIP Aerial
 2017

Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

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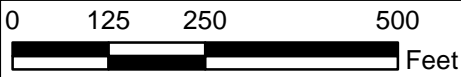




Non-wetlands waters FS-H2 (1.25 Acres 4,568.80 LF)
non-Section 10
32.878957; -80.017639

Non-aquatic Linear Feature

Wetland FZ-1 (0.12 Acres)
non-Section 10
32.869414; -80.010169



- Legend
- Non-Aquatic Linear Feature
 - Wetland
 - Project Study Area (1611.97 Acres)

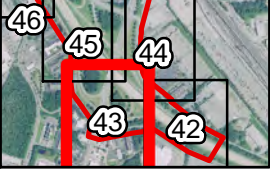
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

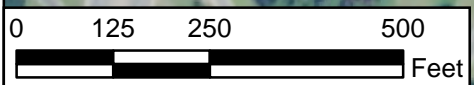
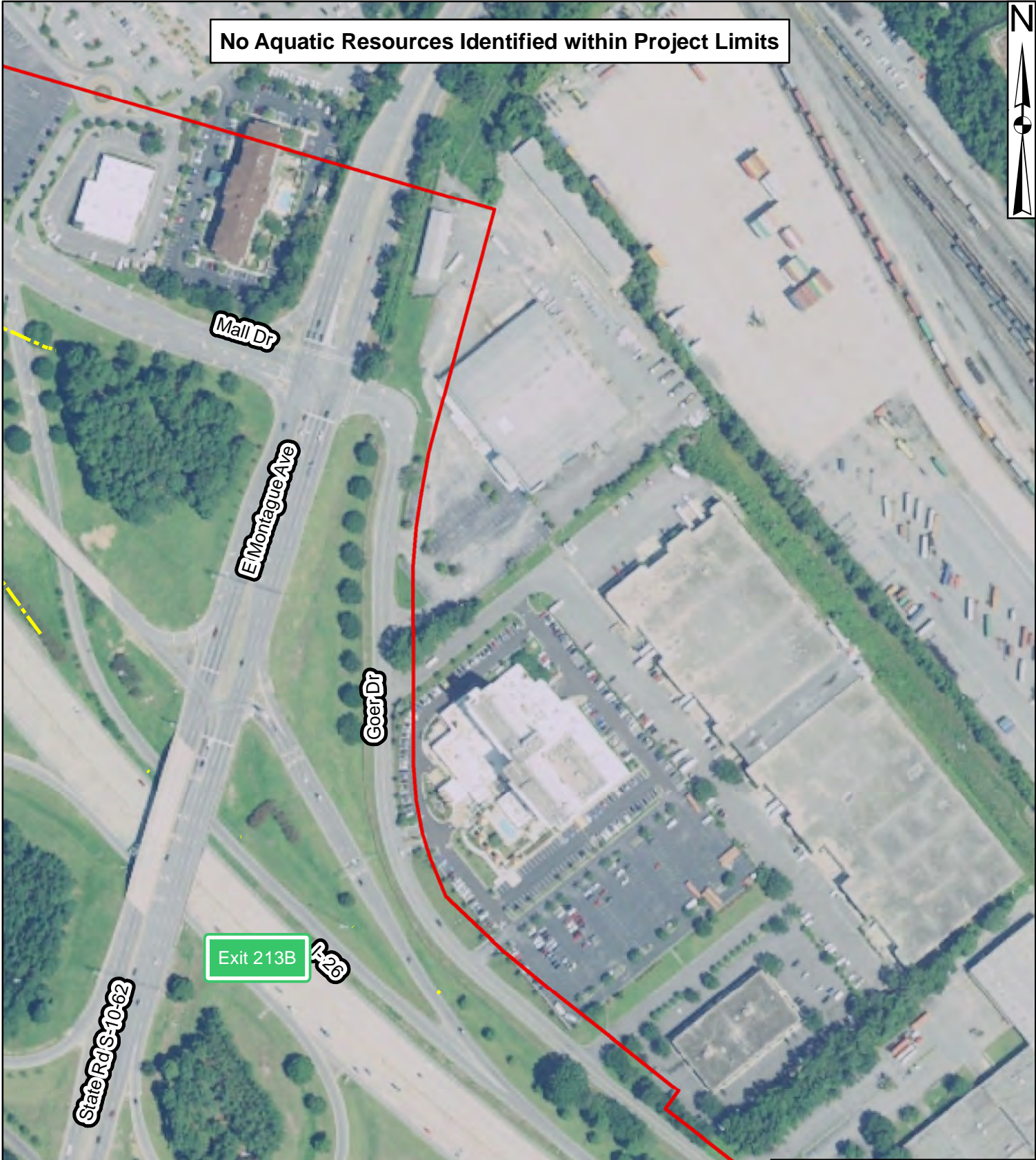
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019



Aquatic Resources

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No Aquatic Resources Identified within Project Limits



Legend
 Drainage Connection
 Project Study Area (1611.97 Acres)



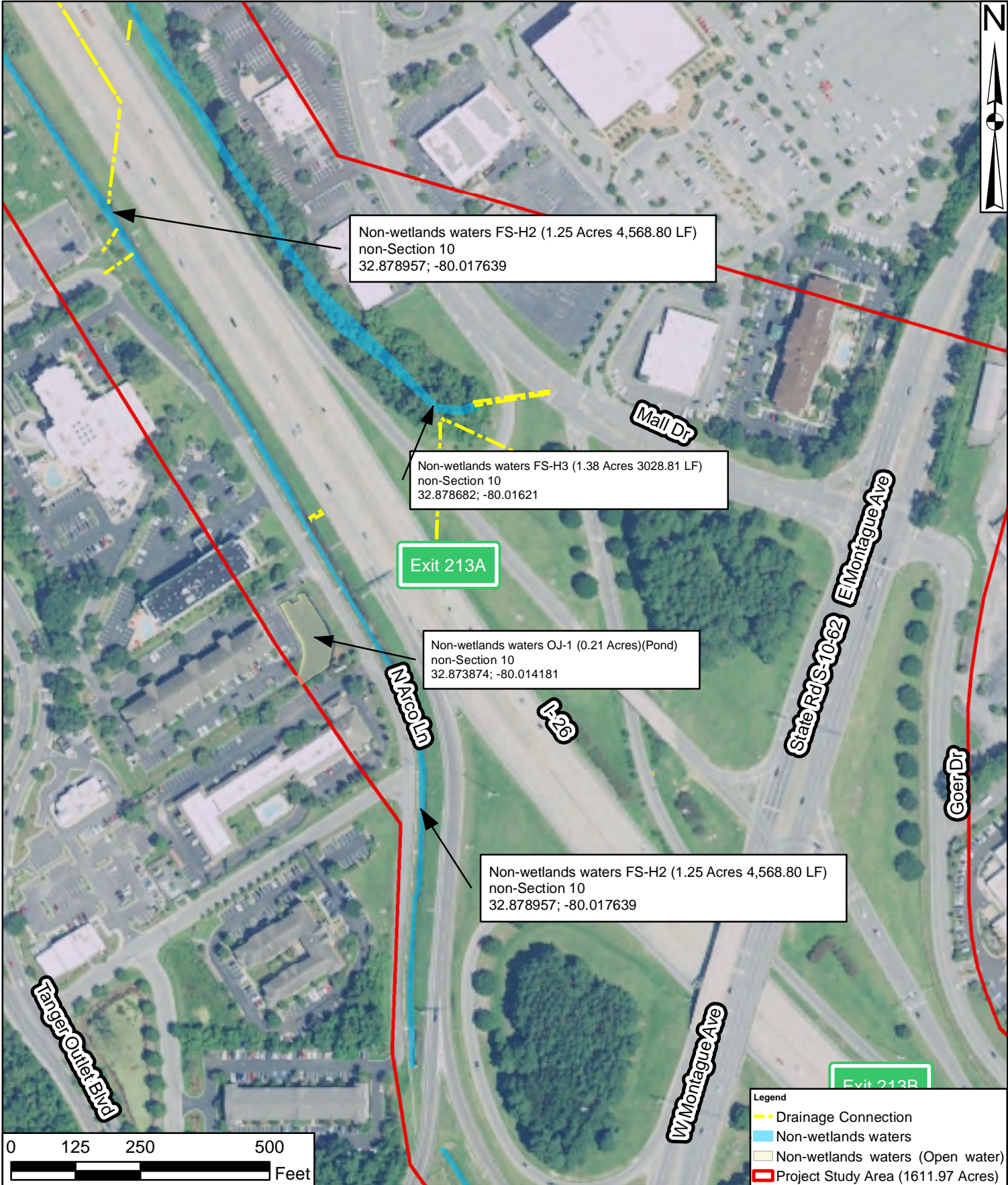
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
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Aquatic Resources

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Non-wetlands waters FS-H2 (1.25 Acres 4,568.80 LF)
non-Section 10
32.878957; -80.017639

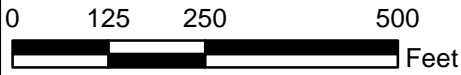
Non-wetlands waters FS-H3 (1.38 Acres 3028.81 LF)
non-Section 10
32.878682; -80.01621

Exit 213A

Non-wetlands waters OJ-1 (0.21 Acres)(Pond)
non-Section 10
32.873874; -80.014181

Non-wetlands waters FS-H2 (1.25 Acres 4,568.80 LF)
non-Section 10
32.878957; -80.017639

- Legend**
- - - Drainage Connection
 - Non-wetlands waters
 - Non-wetlands waters (Open water)
 - Project Study Area (1611.97 Acres)



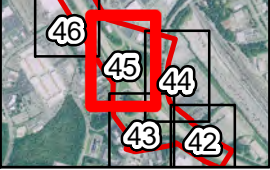
Source:
NRCS NAIP Aerial
2017

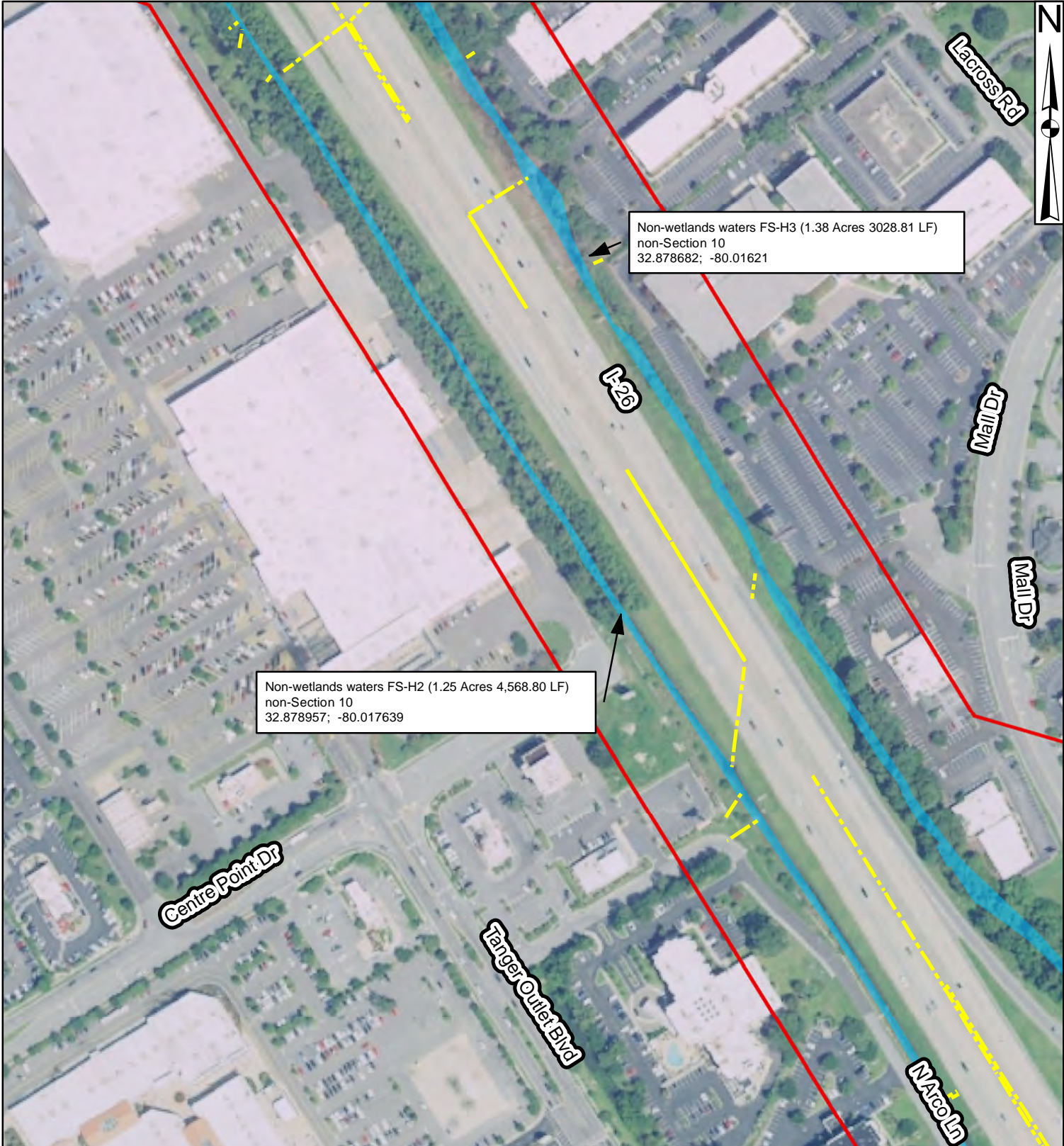
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Centre Point Dr

Tanger Outlet Blvd

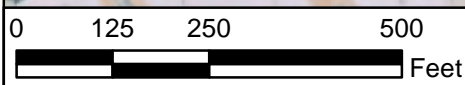
Lacross Rd

Mall Dr

Mall Dr

Marco Ln

I-26



- Legend**
- - - Drainage Connection
 - Non-wetlands waters
 - Data Point
 - Project Study Area (1611.97 Acres)



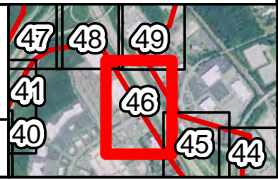
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-26 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**



Exit
17A

Wetland FO-5 (24.77 Acres)
non-Section 10
32.881743; -80.020805

WDPFO-5
WPFO-5

Wetland FO-7 (1.52 Acres)
non-Section 10
32.880685; -80.024038

Aviation Blvd

I-526 Mark Clark Expy

WDPFO-5D
WPFO-5D

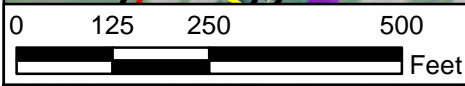
Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
non-Section 10
32.887423; -80.01475

Boeing Property

Wetland FO-6 (0.99 Acres)
non-Section 10
32.877838; -80.025986

Exit 17

UDPFO-5A
UPFO-5A
Wetland FO-5 (24.77 Acres)
non-Section 20
32.874086; -80.02572



Legend

- SCDOT Right of Way
- Drainage Connection
- Non-wetlands waters
- Wetland
- Photo Point
- Data Point
- Boeing Property
- Project Study Area (1611.97 Acres)

Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas

Source:
NRCS NAIP Aerial
2017

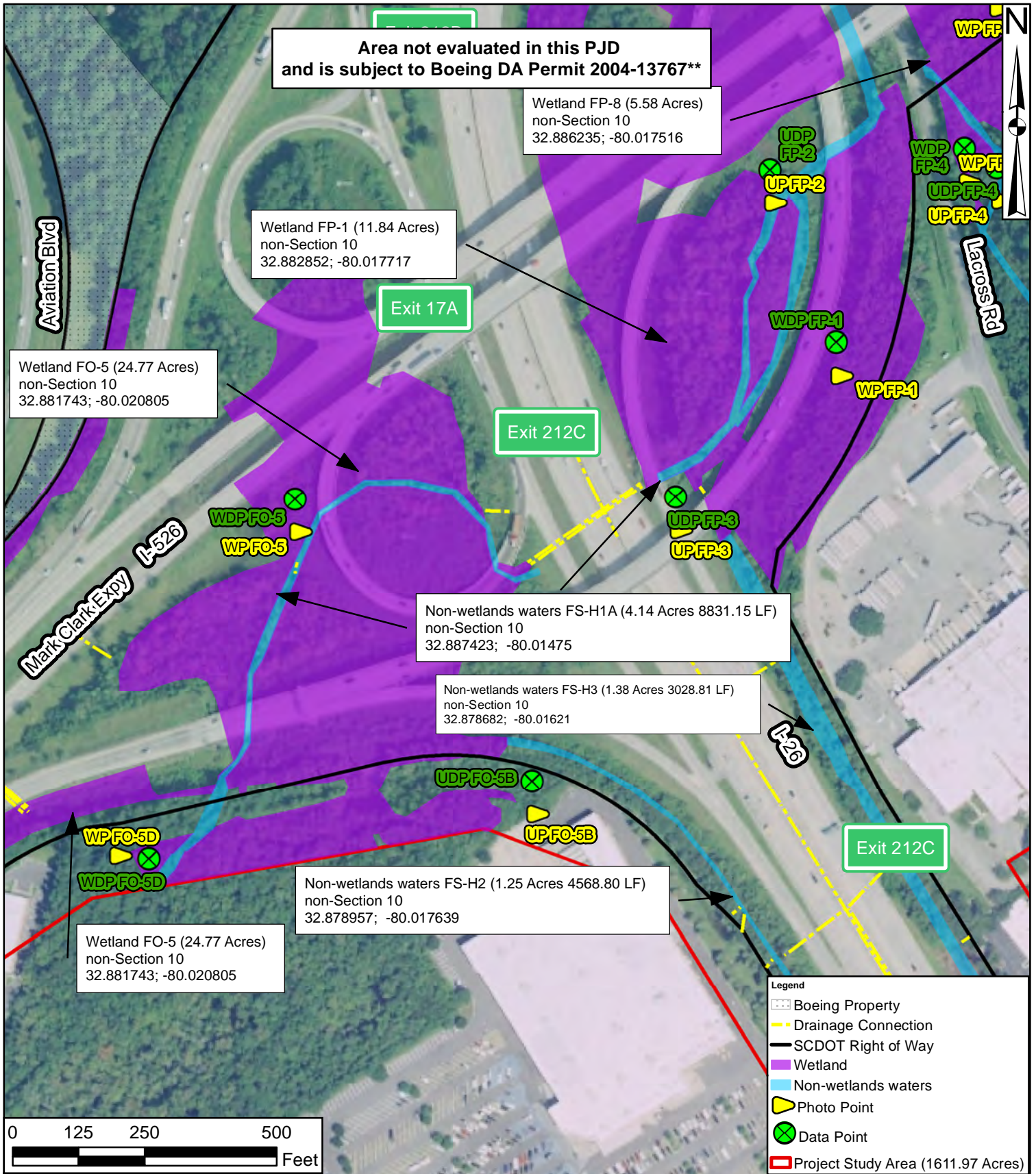
Drawn By: RHH
QA/QC: KLM

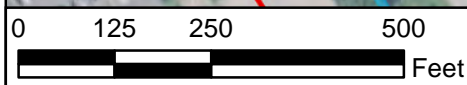
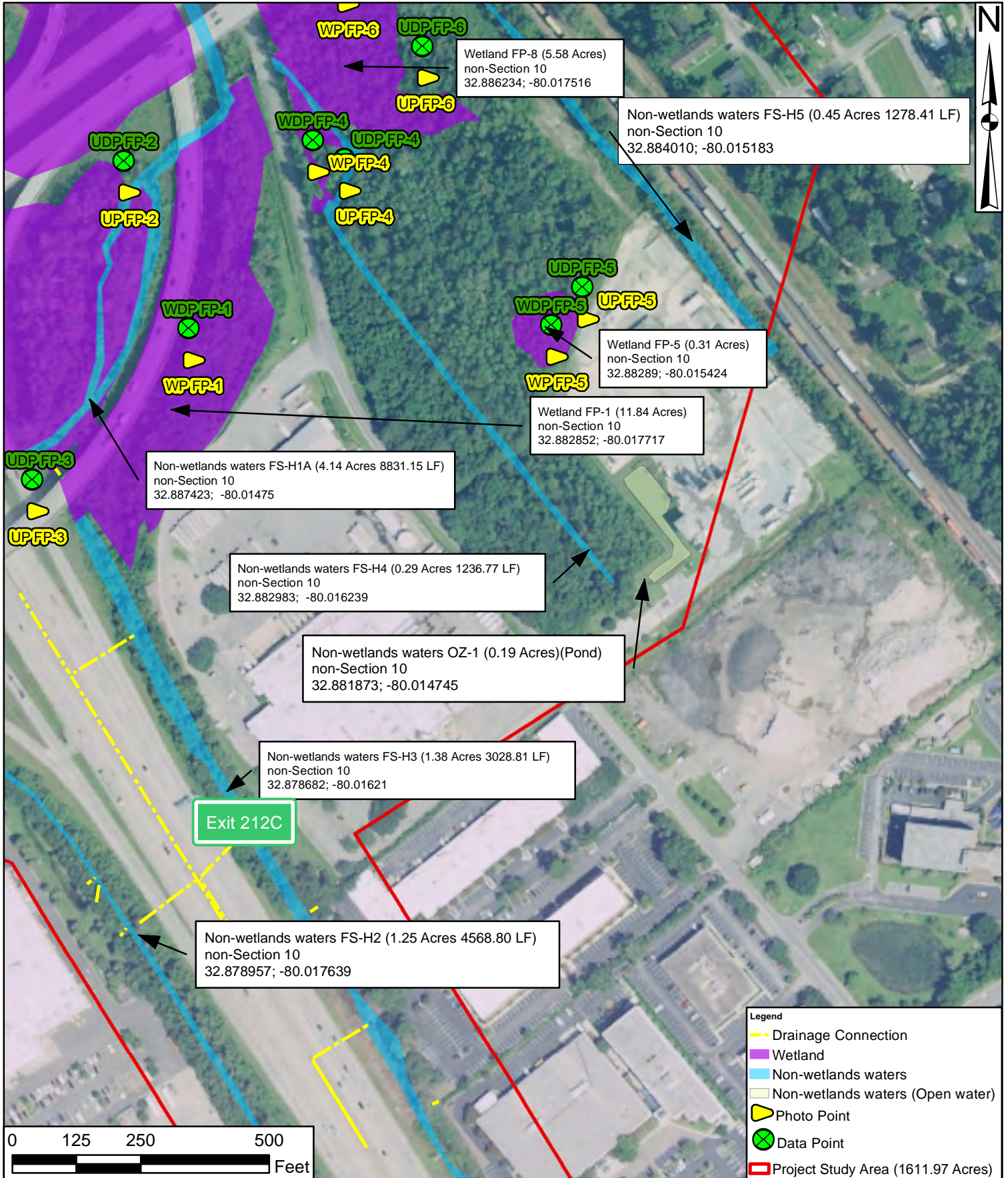
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Non-wetlands waters (Open water)
 - Photo Point
 - ⊗ Data Point
 - Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**



Boeing Property

- Legend
- SCDOT Right of Way
 - Boeing Property
 - Project Study Area (1611.97 Acres)

Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas



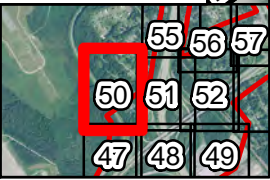
Source:
NRCS NAIP Aerial
2017

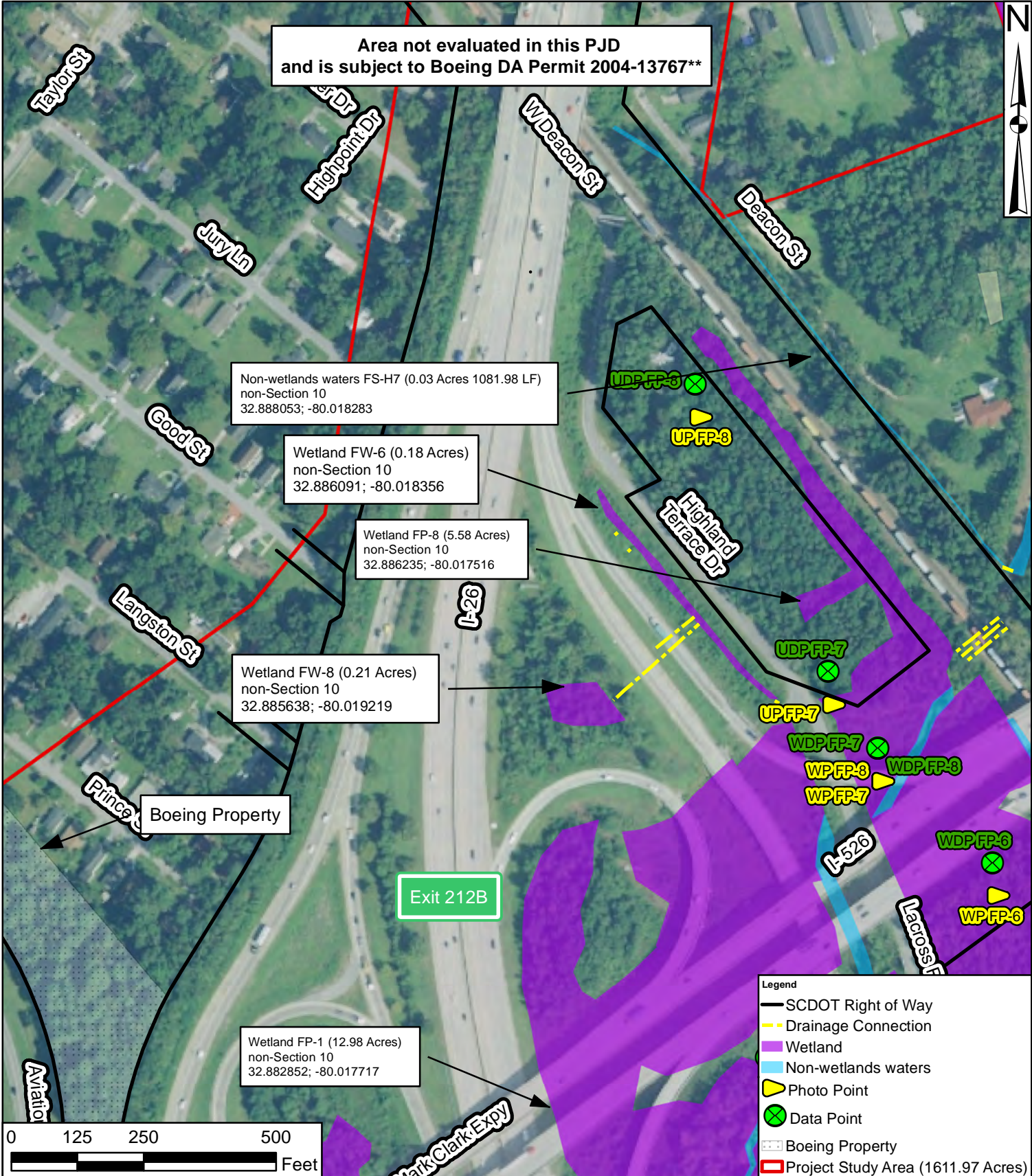
I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Drawn By: RHH
QA/QC: KLM

Aquatic Resources

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Area not evaluated in this PJD
and is subject to Boeing DA Permit 2004-13767**

Non-wetlands waters FS-H7 (0.03 Acres 1081.98 LF)
non-Section 10
32.888053; -80.018283

Wetland FW-6 (0.18 Acres)
non-Section 10
32.886091; -80.018356

Wetland FP-8 (5.58 Acres)
non-Section 10
32.886235; -80.017516

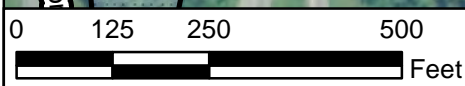
Wetland FW-8 (0.21 Acres)
non-Section 10
32.885638; -80.019219

Boeing Property

Exit 212B

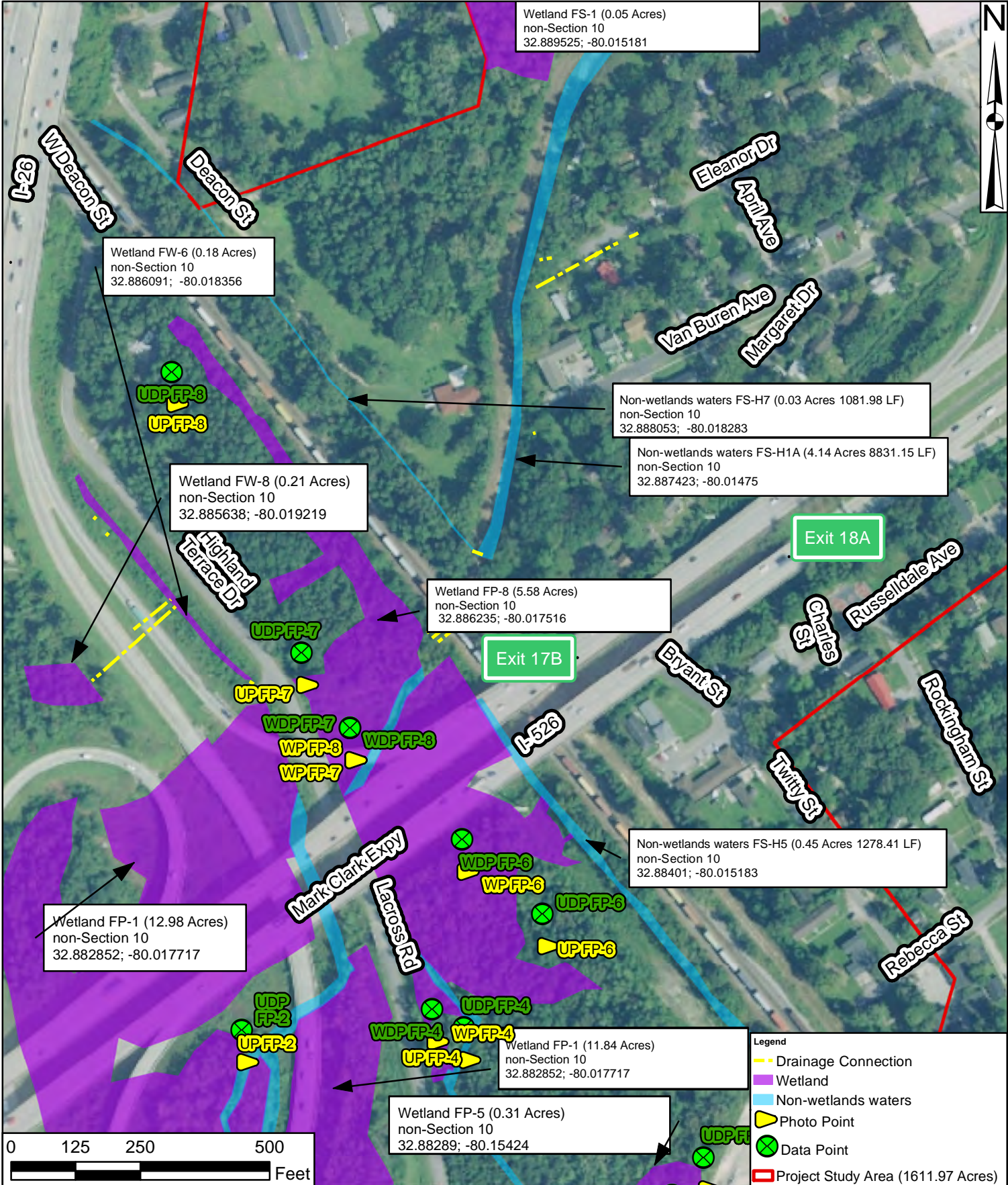
Wetland FP-1 (12.98 Acres)
non-Section 10
32.882852; -80.017717

- Legend
- SCDOT Right of Way
 - - - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - ⊗ Data Point
 - ▨ Boeing Property
 - ▭ Project Study Area (1611.97 Acres)



Please note that this Boeing SAC 2004-13767 area is subject to change. Existing conditions must be used for an analysis of these areas

 South Carolina Department of Transportation	 WEST 526 LOWCOUNTRY CORRIDOR	Source: NRCS NAIP Aerial 2017	I-526 Lowcountry Corridor West Charleston County SCDOT P032102 October 31 2019		
		Drawn By: RHH QA/QC: KLM	Aquatic Resources	Sheet 51 of 85	



Wetland FS-1 (0.05 Acres)
non-Section 10
32.889525; -80.015181

Wetland FW-6 (0.18 Acres)
non-Section 10
32.886091; -80.018356

Non-wetlands waters FS-H7 (0.03 Acres 1081.98 LF)
non-Section 10
32.888053; -80.018283

Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
non-Section 10
32.887423; -80.01475

Wetland FW-8 (0.21 Acres)
non-Section 10
32.885638; -80.019219

Wetland FP-8 (5.58 Acres)
non-Section 10
32.886235; -80.017516

Exit 18A

Exit 17B

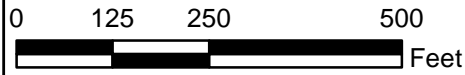
Non-wetlands waters FS-H5 (0.45 Acres 1278.41 LF)
non-Section 10
32.88401; -80.015183

Wetland FP-1 (12.98 Acres)
non-Section 10
32.882852; -80.017717

Wetland FP-1 (11.84 Acres)
non-Section 10
32.882852; -80.017717

Wetland FP-5 (0.31 Acres)
non-Section 10
32.88289; -80.15424

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▶ Photo Point
 - ⊗ Data Point
 - Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

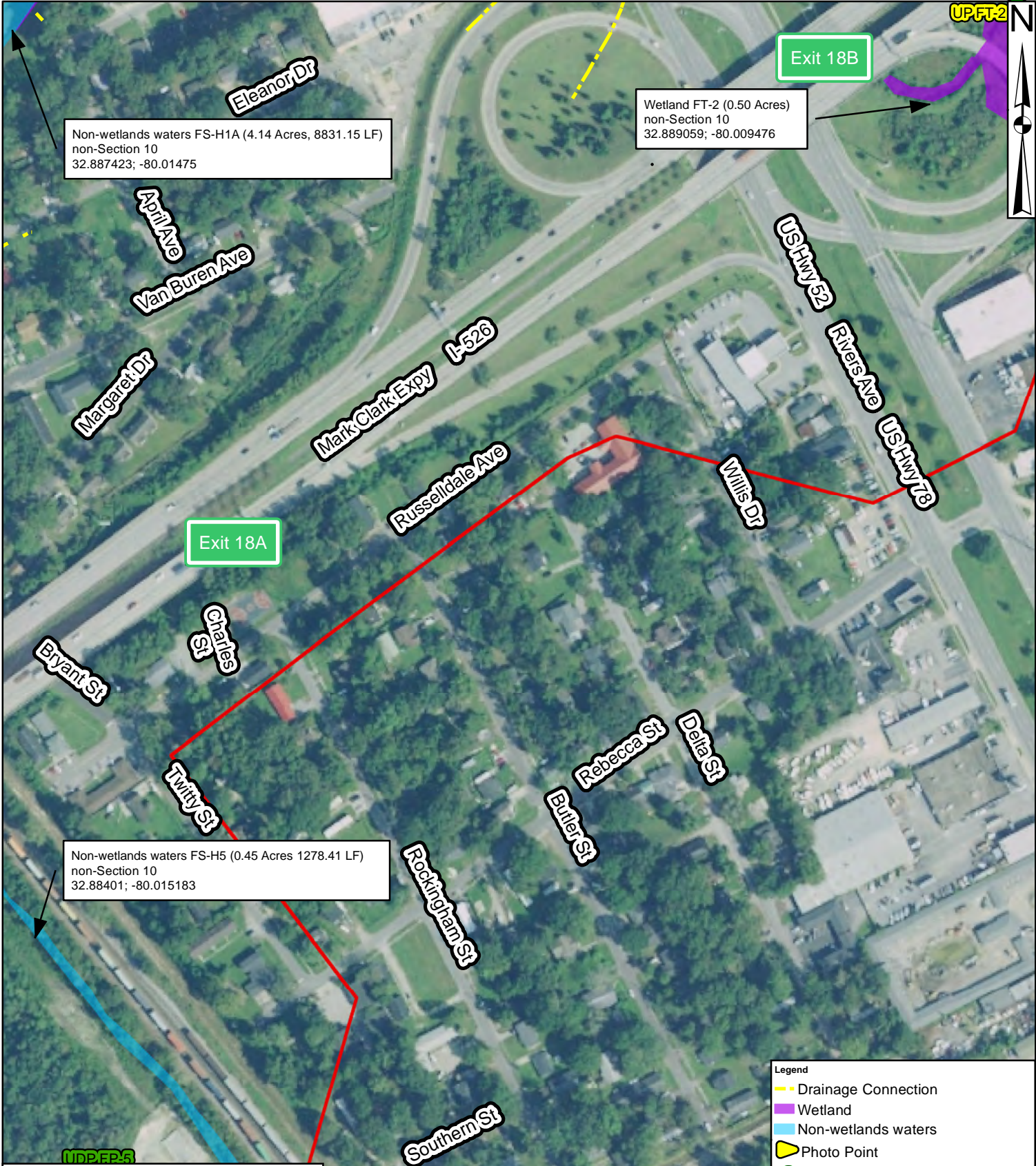
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

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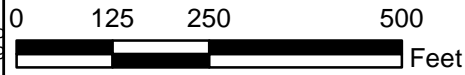


Non-wetlands waters FS-H1A (4.14 Acres, 8831.15 LF)
 non-Section 10
 32.887423; -80.01475

Wetland FT-2 (0.50 Acres)
 non-Section 10
 32.889059; -80.009476

Non-wetlands waters FS-H5 (0.45 Acres 1278.41 LF)
 non-Section 10
 32.88401; -80.015183

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - ⊗ Data Point
 - Project Study Area (1611.97 Acres)



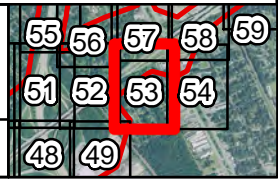
Source:
 NRCS NAIP Aerial
 2017

Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
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Aquatic Resources

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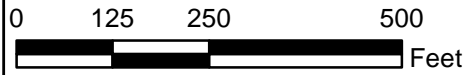


Exit 18B

UPFT2

Wetland FT-2 (0.50 Acres)
non-Section 10
32.889059; -80.009476

- Legend
- Drainage Connection
 - Wetland
 - ▲ Photo Point
 - ▭ Project Study Area (1611.97 Acres)



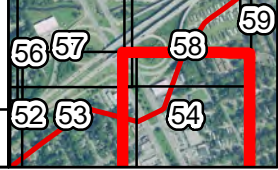
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

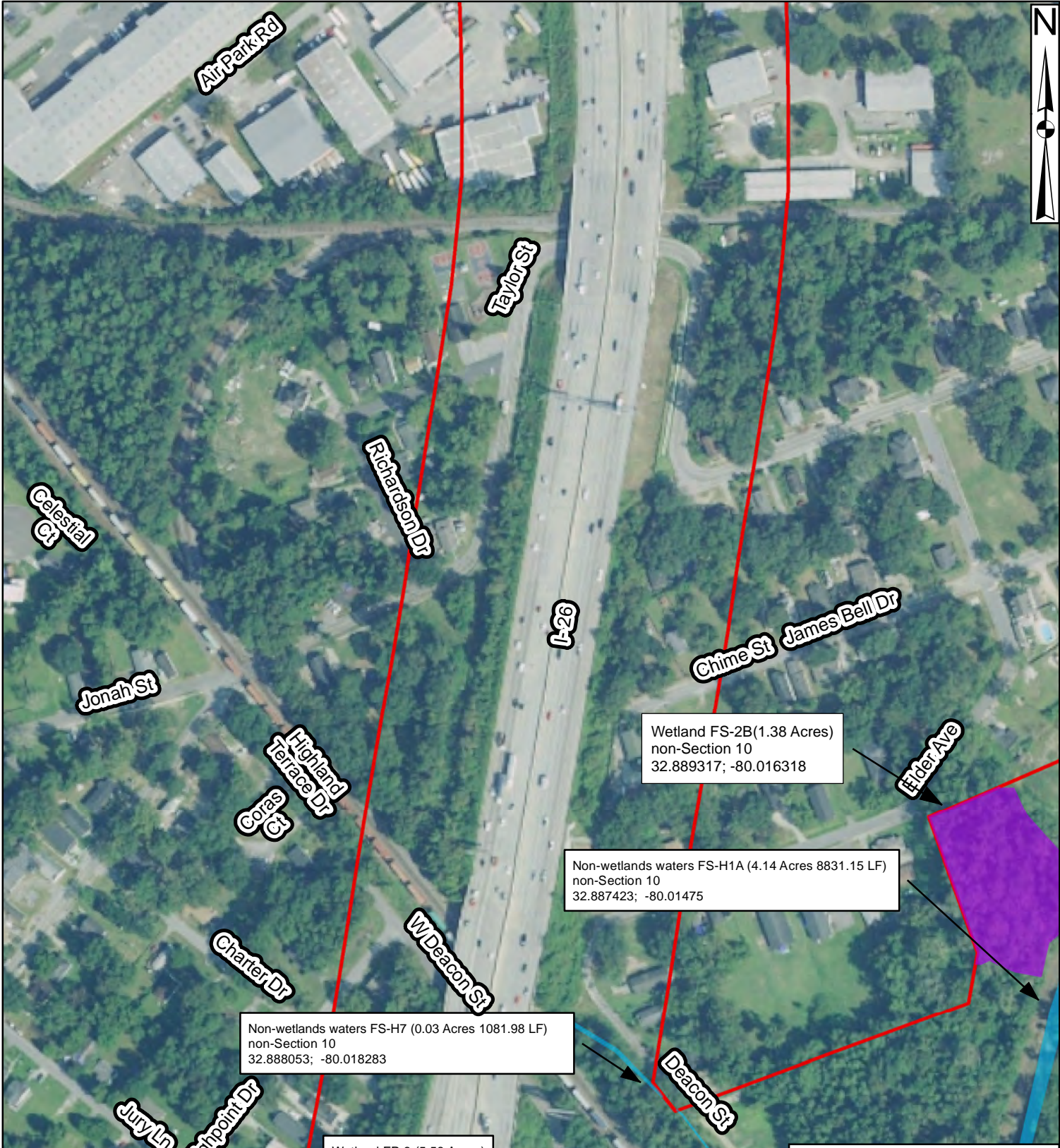
I-526 Lowcountry Corridor West
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Aquatic Resources

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E denSt



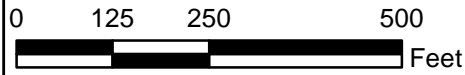
Wetland FS-2B (1.38 Acres)
non-Section 10
32.889317; -80.016318

Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
non-Section 10
32.887423; -80.01475

Non-wetlands waters FS-H7 (0.03 Acres 1081.98 LF)
non-Section 10
32.888053; -80.018283

Wetland FP-8 (5.58 Acres)
non-Section 10
32.886235; -80.017516

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)

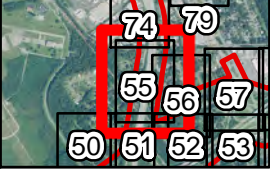


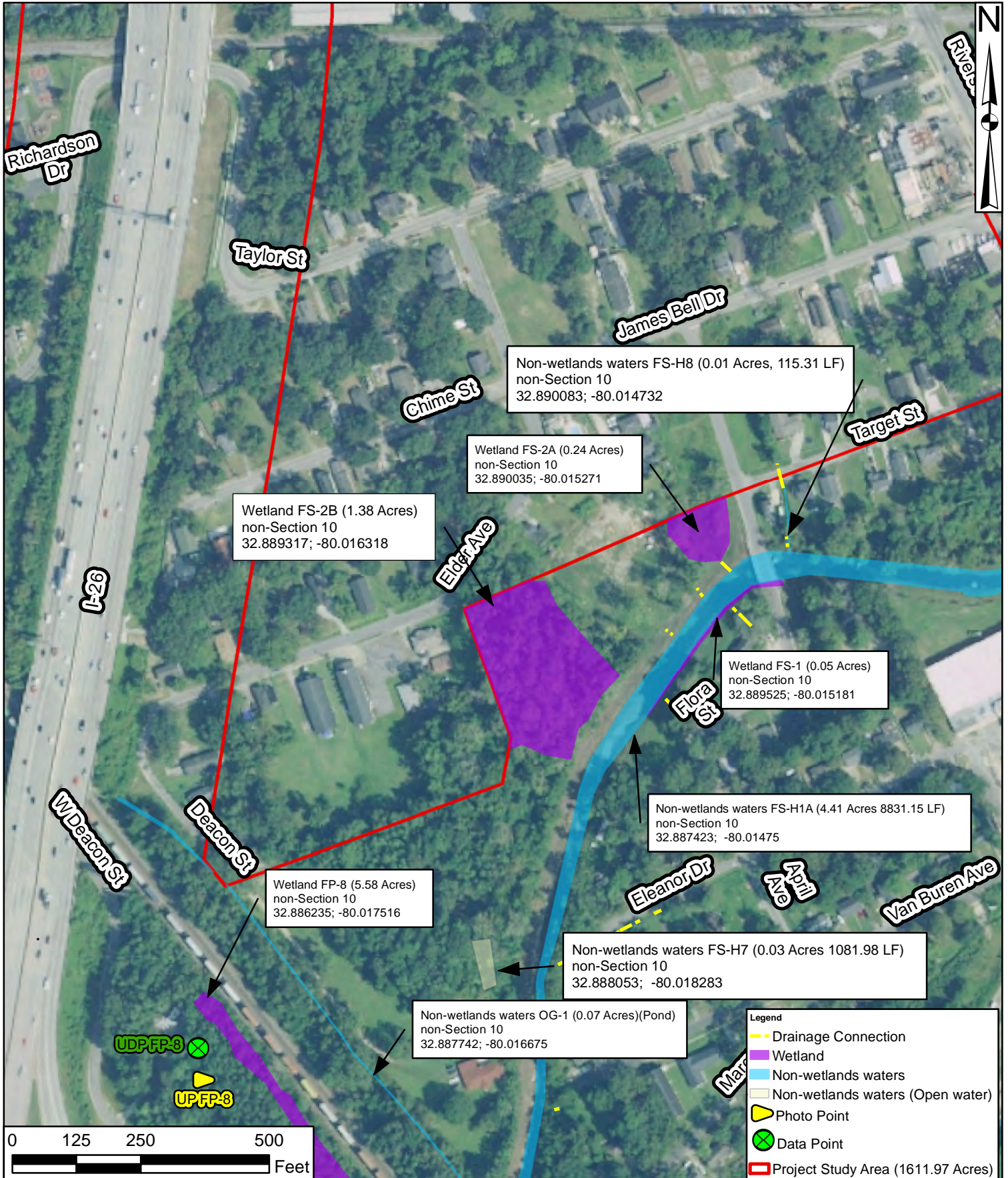
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

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Charleston County
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October 31 2019

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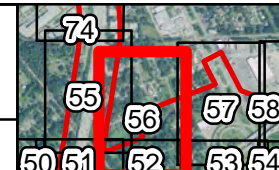
Source:
NRCS NAIP Aerial
2017

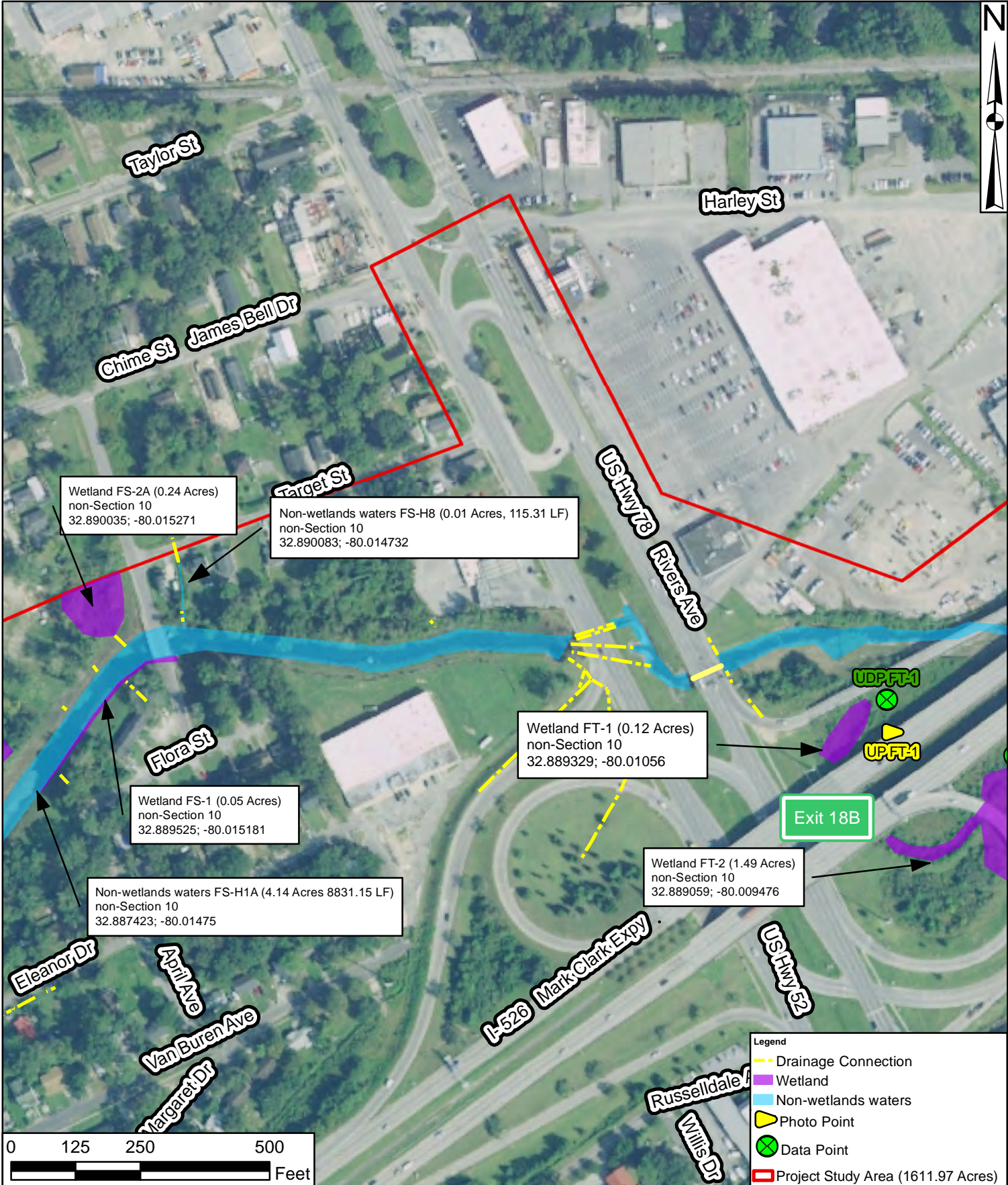
Drawn By: RHH
QA/QC: KLM

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Wetland FS-2A (0.24 Acres)
non-Section 10
32.890035; -80.015271

Non-wetlands waters FS-H8 (0.01 Acres, 115.31 LF)
non-Section 10
32.890083; -80.014732

Wetland FT-1 (0.12 Acres)
non-Section 10
32.889329; -80.01056

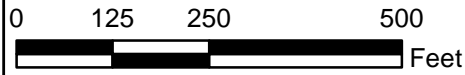
Wetland FS-1 (0.05 Acres)
non-Section 10
32.889525; -80.015181

Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
non-Section 10
32.887423; -80.01475

Wetland FT-2 (1.49 Acres)
non-Section 10
32.889059; -80.009476

Exit 18B

- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



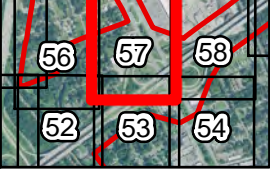
Source:
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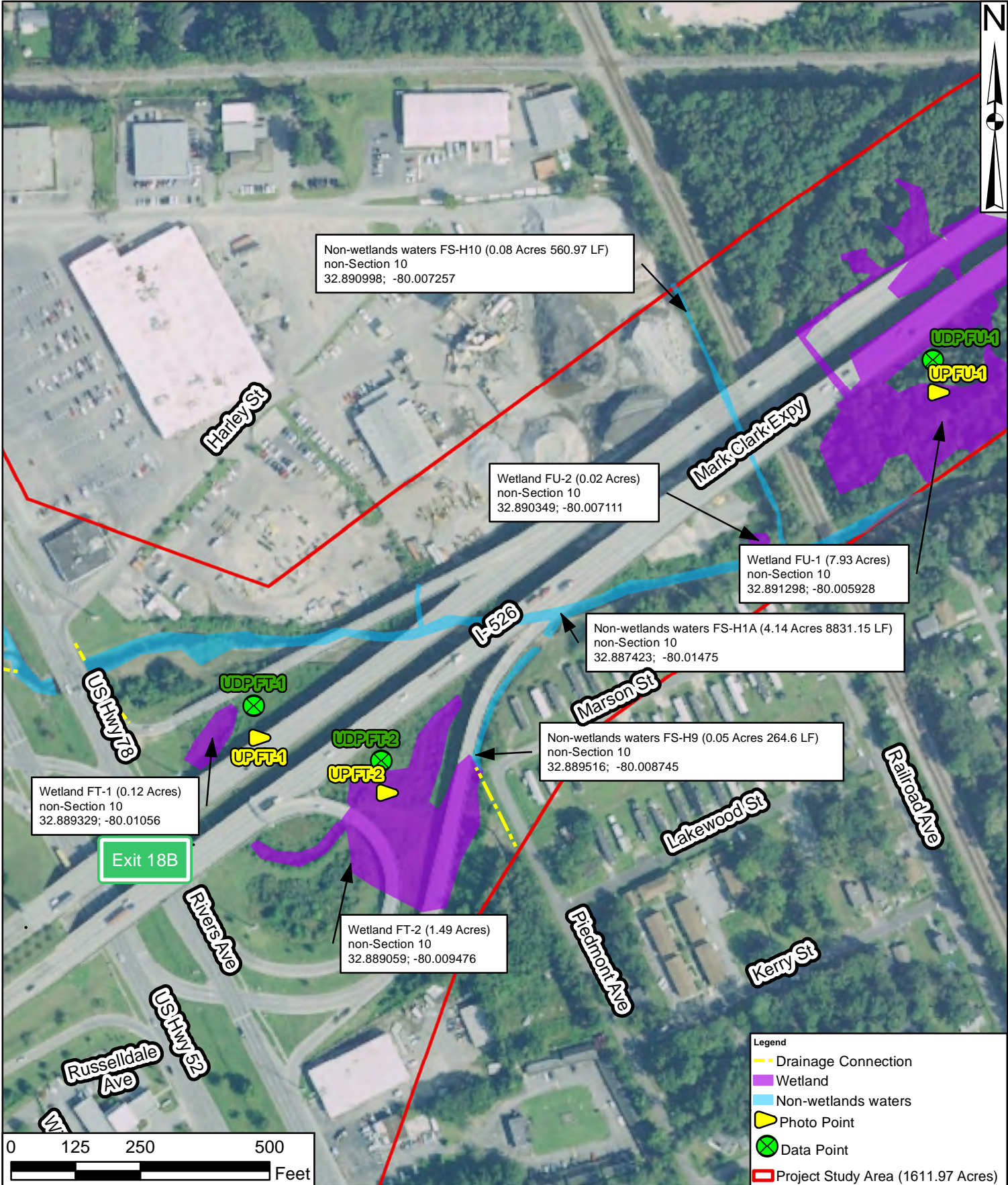
Drawn By: RHH
QA/QC: KLM

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Charleston County
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Non-wetlands waters FS-H10 (0.08 Acres 560.97 LF)
non-Section 10
32.890998; -80.007257

Wetland FU-2 (0.02 Acres)
non-Section 10
32.890349; -80.007111

Wetland FU-1 (7.93 Acres)
non-Section 10
32.891298; -80.005928

Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
non-Section 10
32.887423; -80.01475

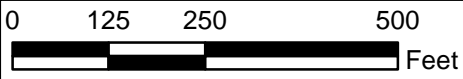
Non-wetlands waters FS-H9 (0.05 Acres 264.6 LF)
non-Section 10
32.889516; -80.008745

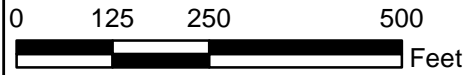
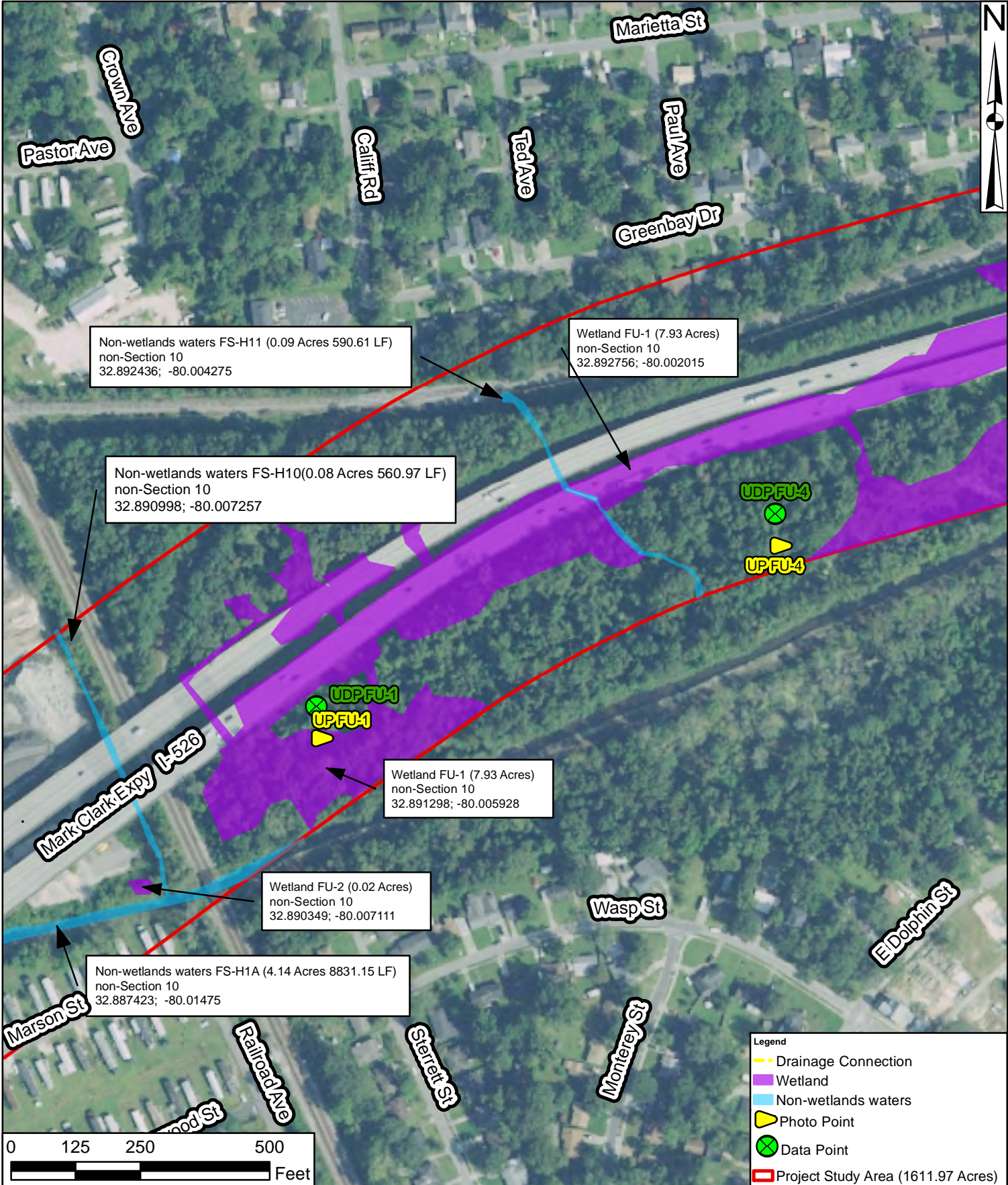
Wetland FT-1 (0.12 Acres)
non-Section 10
32.889329; -80.01056

Wetland FT-2 (1.49 Acres)
non-Section 10
32.889059; -80.009476

Legend

- Drainage Connection
- █ Wetland
- █ Non-wetlands waters
- ▶ Photo Point
- ⊗ Data Point
- ▭ Project Study Area (1611.97 Acres)





- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - ▲ Photo Point
 - ⊗ Data Point
 - Project Study Area (1611.97 Acres)



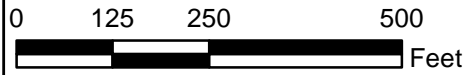
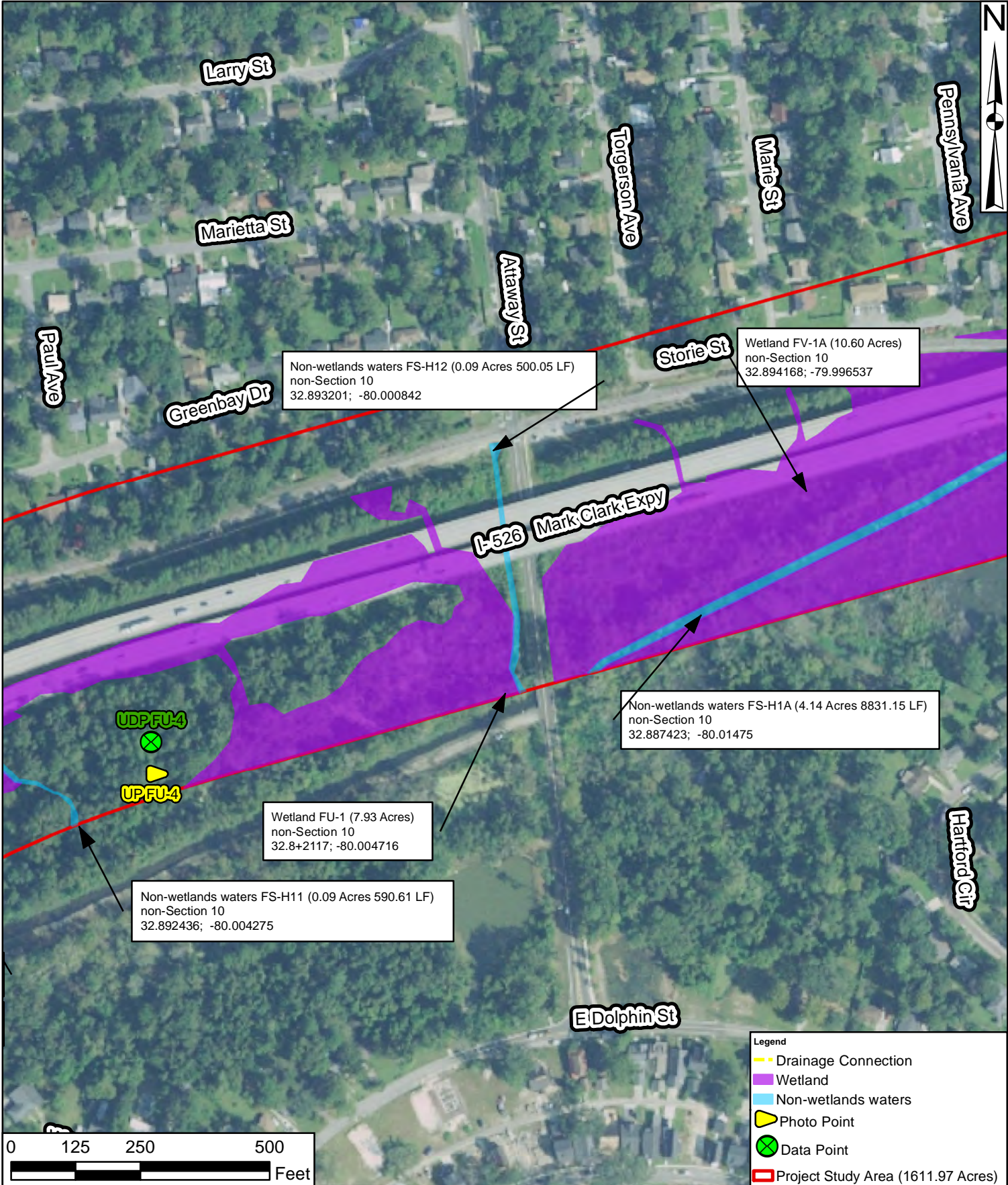
Source:
NRCS NAIP Aerial
2017

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Charleston County
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- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



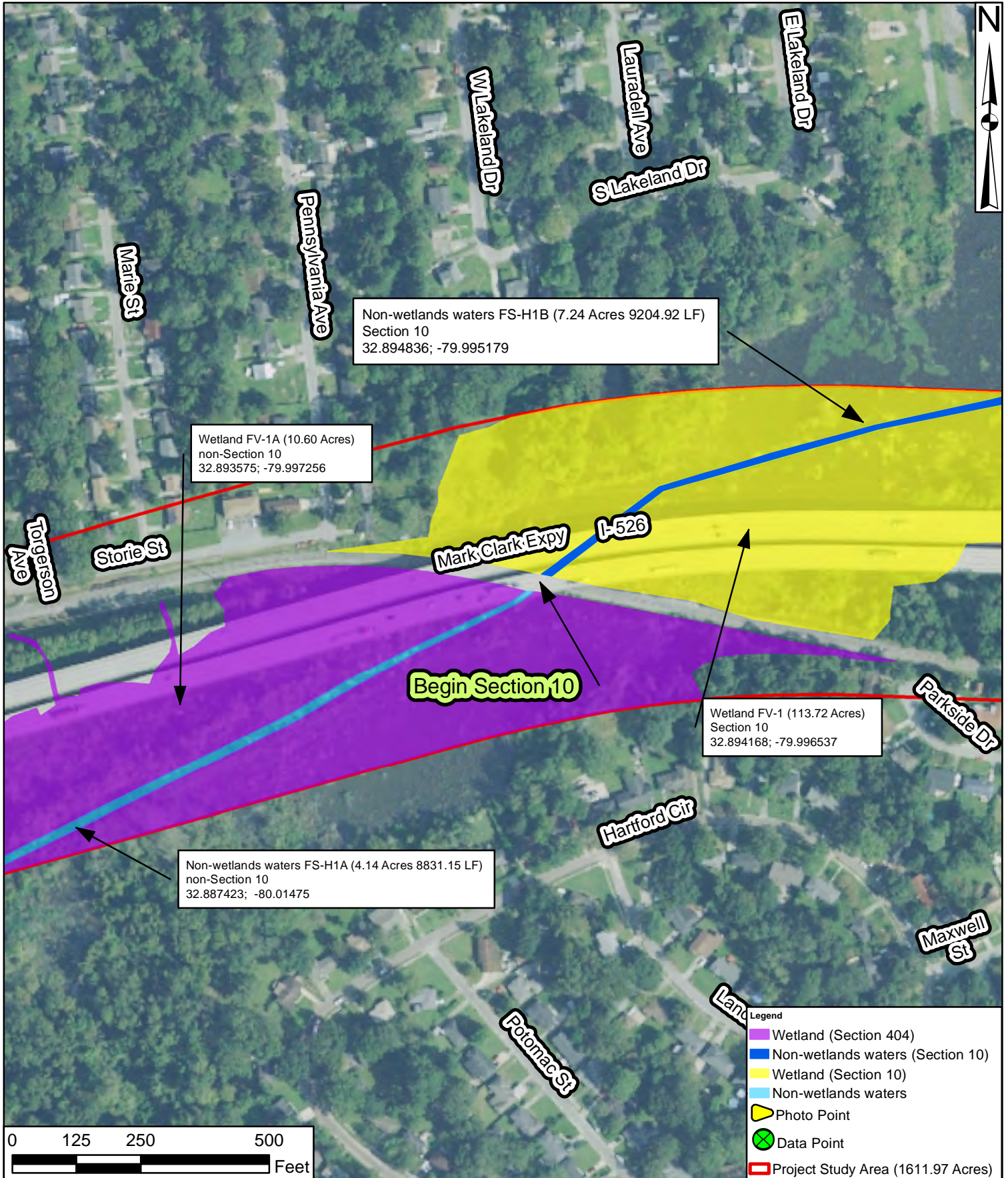
Source:
NRCS NAIP Aerial
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Drawn By: RHH
QA/QC: KLM

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Charleston County
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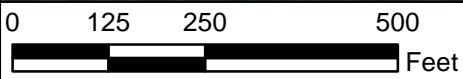
Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
 Section 10
 32.894836; -79.995179

Wetland FV-1A (10.60 Acres)
 non-Section 10
 32.893575; -79.997256

Wetland FV-1 (113.72 Acres)
 Section 10
 32.894168; -79.996537

Non-wetlands waters FS-H1A (4.14 Acres 8831.15 LF)
 non-Section 10
 32.887423; -80.01475

Begin Section 10



- Legend
- Wetland (Section 404)
 - Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Non-wetlands waters
 - Photo Point
 - Data Point
 - Project Study Area (1611.97 Acres)



Source:
 NRCS NAIP Aerial
 2017

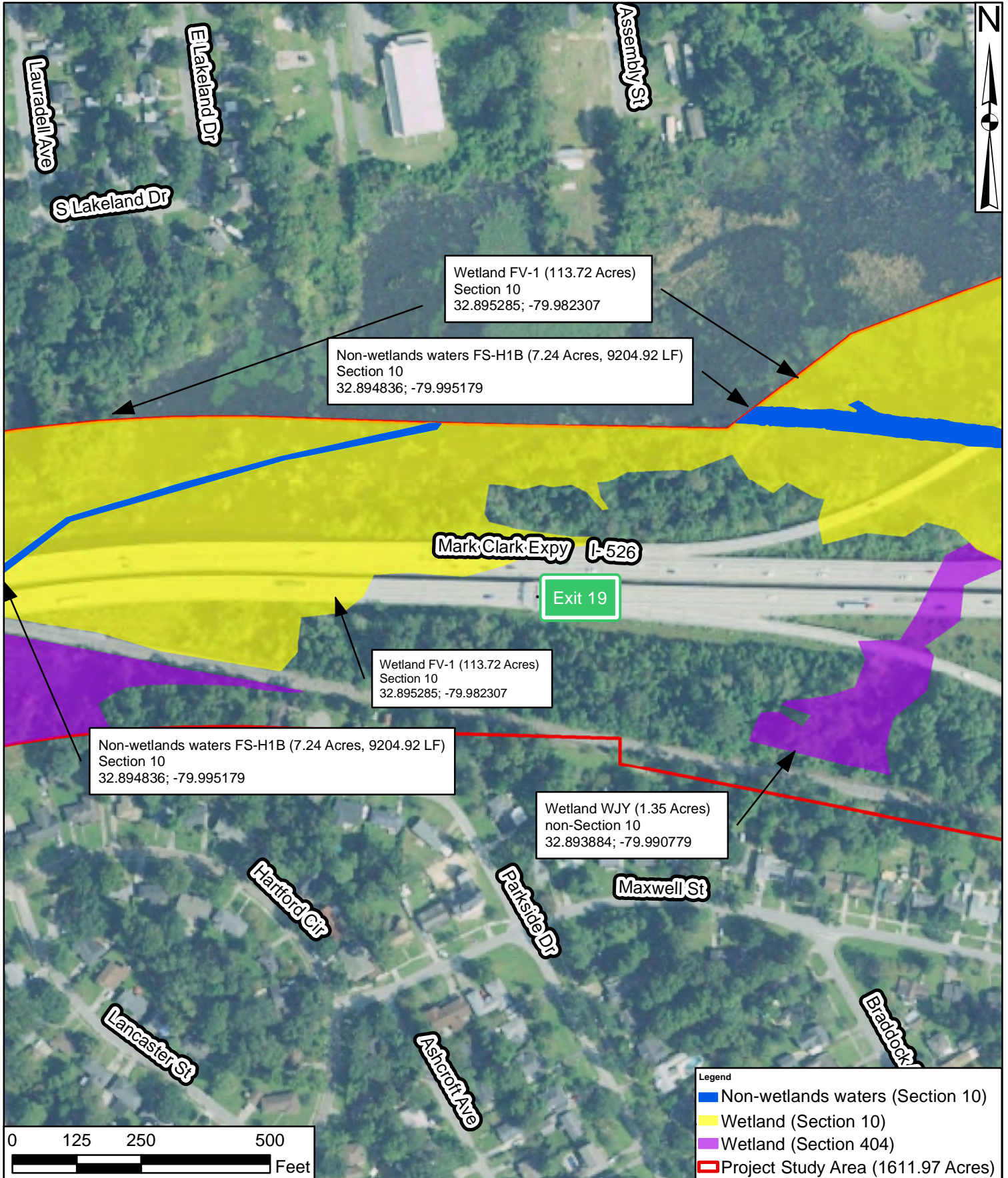
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Wetland FV-1 (113.72 Acres)
Section 10
32.895285; -79.982307

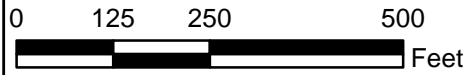
Non-wetlands waters FS-H1B (7.24 Acres, 9204.92 LF)
Section 10
32.894836; -79.995179

Wetland FV-1 (113.72 Acres)
Section 10
32.895285; -79.982307

Non-wetlands waters FS-H1B (7.24 Acres, 9204.92 LF)
Section 10
32.894836; -79.995179

Wetland WJY (1.35 Acres)
non-Section 10
32.893884; -79.990779

- Legend
- Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Wetland (Section 404)
 - Project Study Area (1611.97 Acres)



Source:
NRCS NAIP Aerial
2017

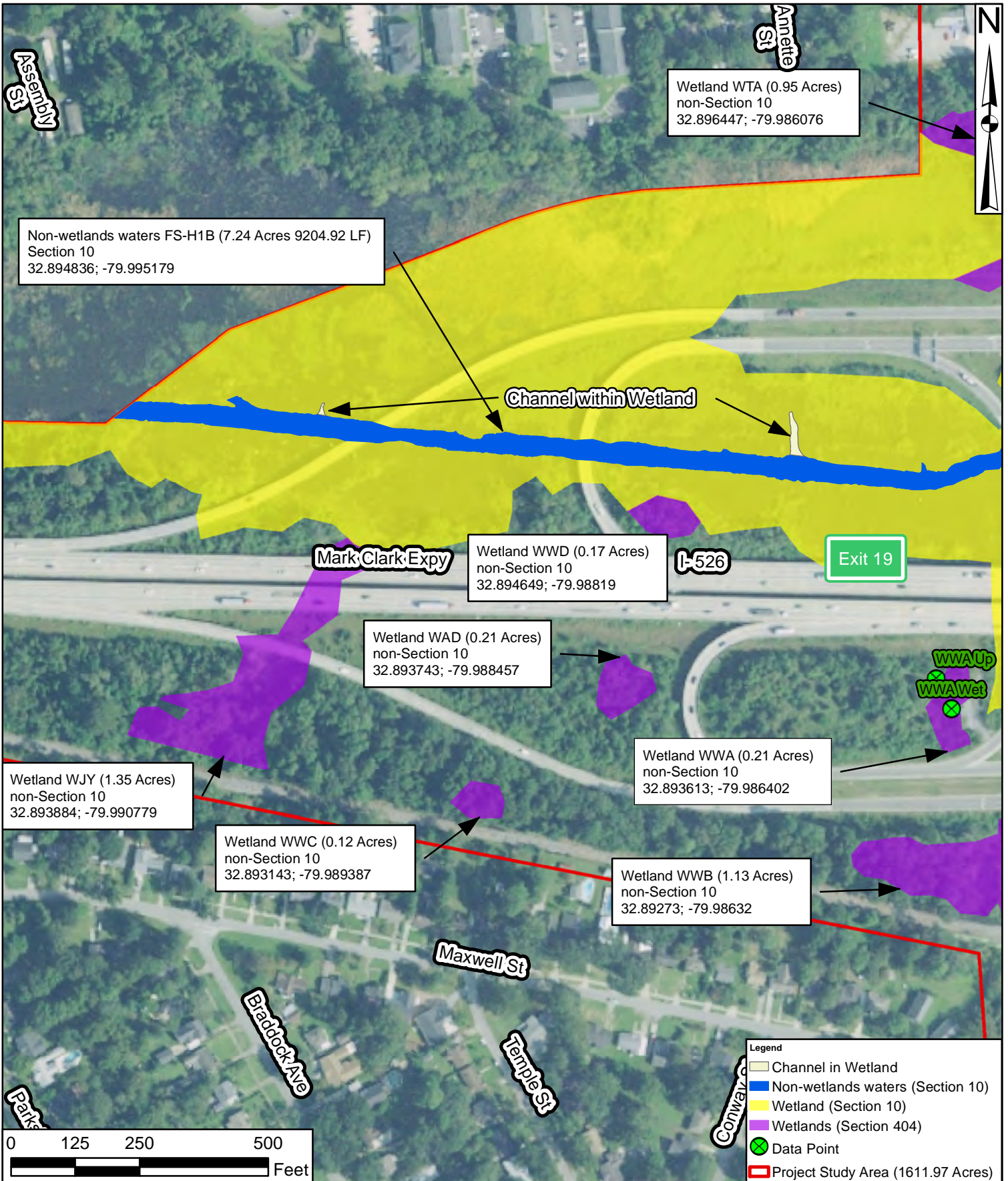
Drawn By: RHH
QA/QC: KLM

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Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
Section 10
32.894836; -79.995179

Wetland WTA (0.95 Acres)
non-Section 10
32.896447; -79.986076

Wetland WWD (0.17 Acres)
non-Section 10
32.894649; -79.98819

Wetland WAD (0.21 Acres)
non-Section 10
32.893743; -79.988457

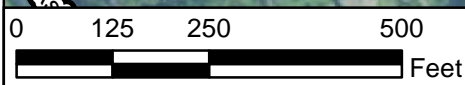
Wetland WWA (0.21 Acres)
non-Section 10
32.893613; -79.986402

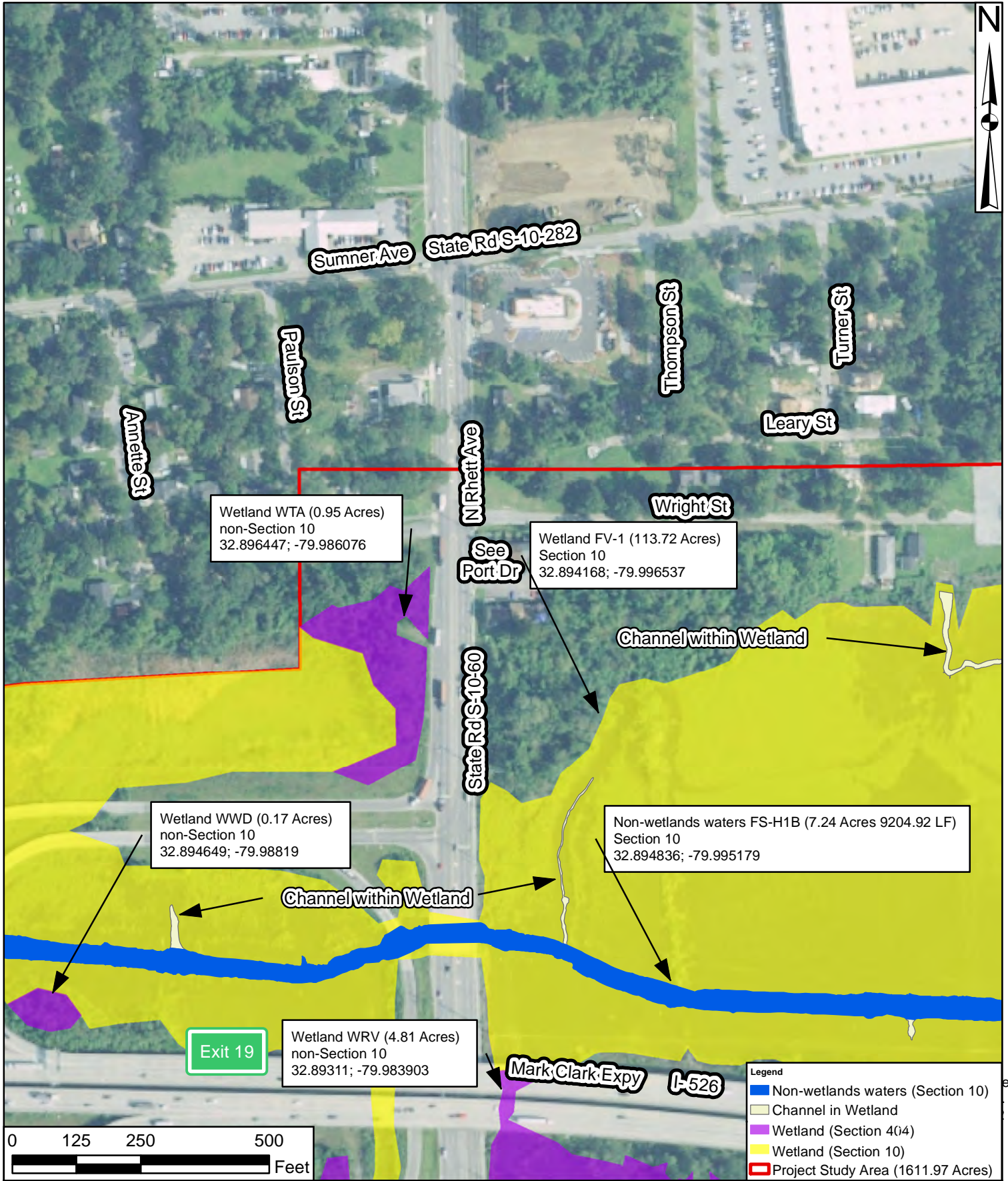
Wetland WJY (1.35 Acres)
non-Section 10
32.893884; -79.990779

Wetland WWC (0.12 Acres)
non-Section 10
32.893143; -79.989387

Wetland WWB (1.13 Acres)
non-Section 10
32.89273; -79.98632

- Legend**
- Channel in Wetland
 - Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Wetlands (Section 404)
 - Data Point
 - Project Study Area (1611.97 Acres)





Wetland WTA (0.95 Acres)
non-Section 10
32.896447; -79.986076

Wetland FV-1 (113.72 Acres)
Section 10
32.894168; -79.996537

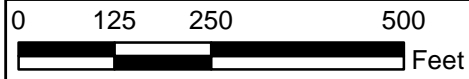
Wetland WWD (0.17 Acres)
non-Section 10
32.894649; -79.98819

Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
Section 10
32.894836; -79.995179

Wetland WRV (4.81 Acres)
non-Section 10
32.89311; -79.983903

Exit 19

- Legend**
- Non-wetlands waters (Section 10)
 - Channel in Wetland
 - Wetland (Section 4(04))
 - Wetland (Section 10)
 - Project Study Area (1611.97 Acres)



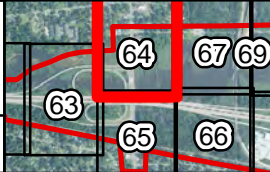
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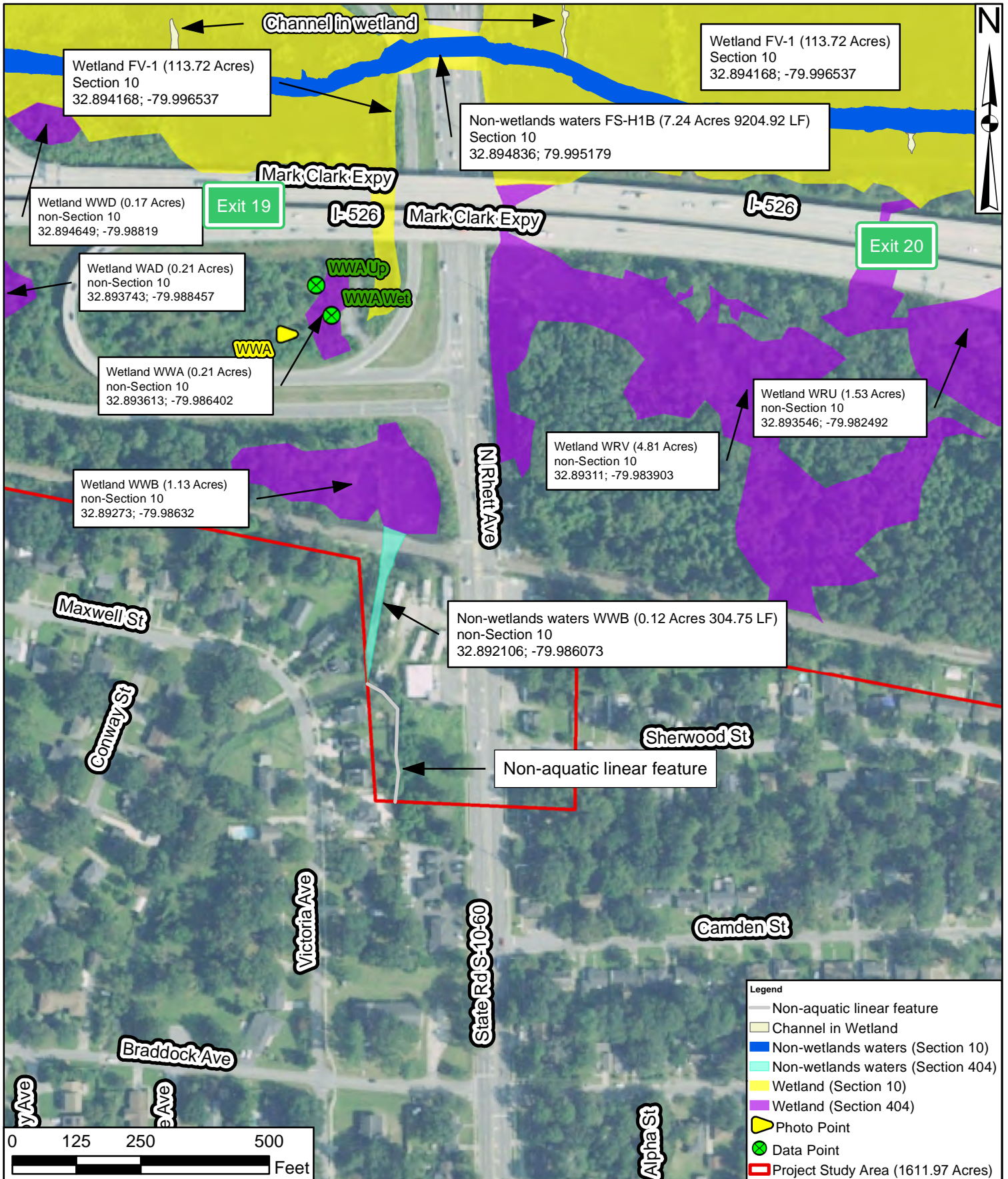
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Charleston County
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Source:
NRCS NAIP Aerial
2017

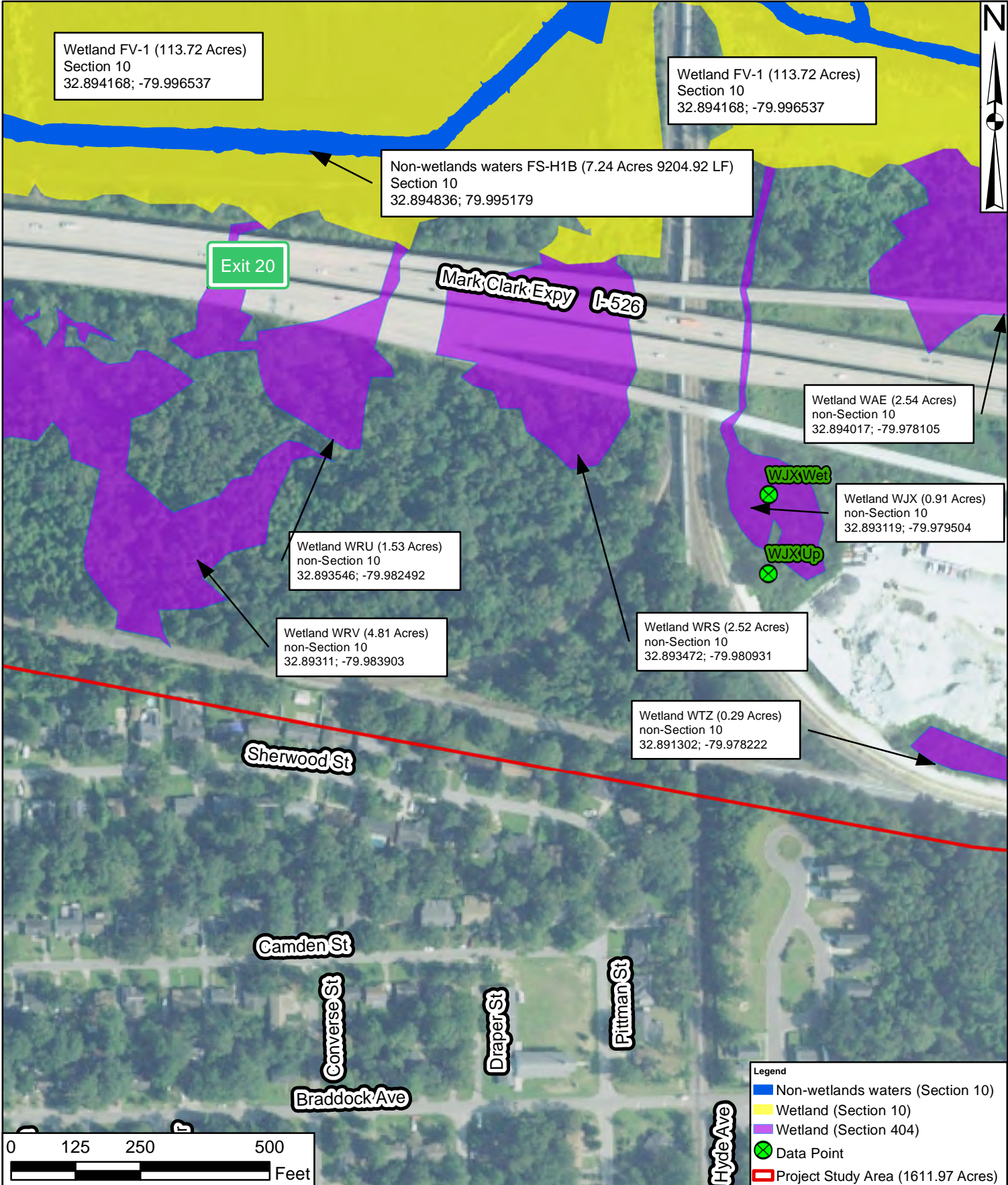
Drawn By: RHH
QA/QC: KLM

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Wetland FV-1 (113.72 Acres)
Section 10
32.894168; -79.996537

Wetland FV-1 (113.72 Acres)
Section 10
32.894168; -79.996537

Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
Section 10
32.894836; 79.995179

Exit 20

Mark Clark Expy I-526

Wetland WAE (2.54 Acres)
non-Section 10
32.894017; -79.978105

Wetland WJX (0.91 Acres)
non-Section 10
32.893119; -79.979504

Wetland WRU (1.53 Acres)
non-Section 10
32.893546; -79.982492

WJXWet
WJXUp

Wetland WRV (4.81 Acres)
non-Section 10
32.89311; -79.983903

Wetland WRS (2.52 Acres)
non-Section 10
32.893472; -79.980931

Wetland WTZ (0.29 Acres)
non-Section 10
32.891302; -79.978222

Sherwood St

Camden St

Converse St

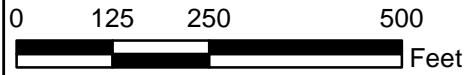
Braddock Ave

Draper St

Pittman St

Hyde Ave

- Legend
- Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Wetland (Section 404)
 - ⊗ Data Point
 - ▭ Project Study Area (1611.97 Acres)



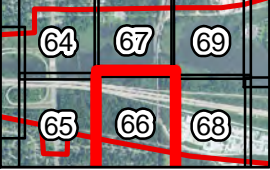
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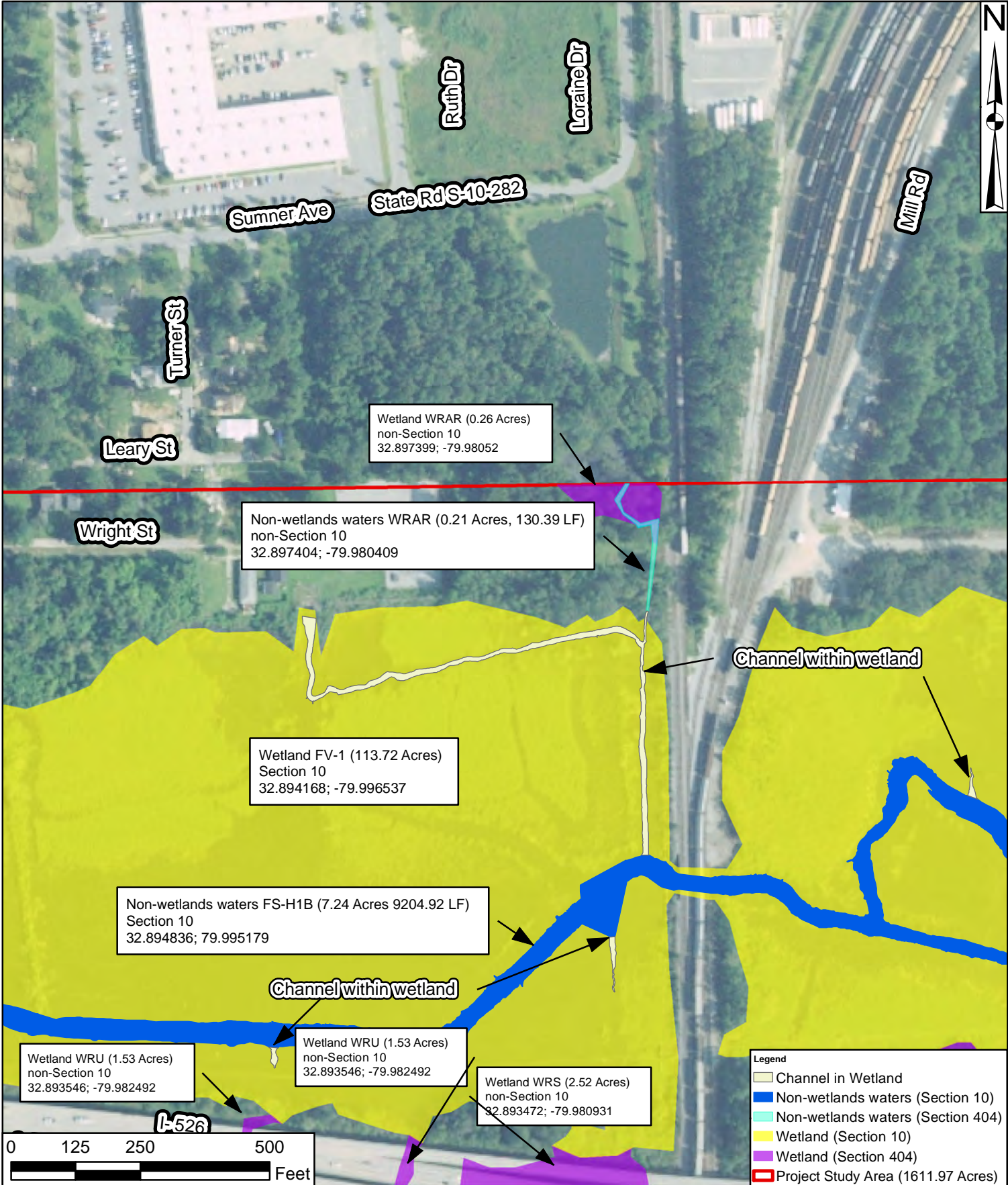
Drawn By: RHH
QA/QC: KLM

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Charleston County
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Non-wetlands waters WRAR (0.21 Acres, 130.39 LF)
non-Section 10
32.897404; -79.980409

Wetland WRAR (0.26 Acres)
non-Section 10
32.897399; -79.98052

Wetland FV-1 (113.72 Acres)
Section 10
32.894168; -79.996537

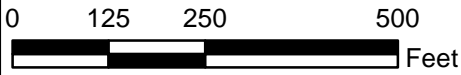
Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
Section 10
32.894836; 79.995179

Wetland WRU (1.53 Acres)
non-Section 10
32.893546; -79.982492

Wetland WRU (1.53 Acres)
non-Section 10
32.893546; -79.982492

Wetland WRS (2.52 Acres)
non-Section 10
32.893472; -79.980931

- Legend**
- Channel in Wetland
 - Non-wetlands waters (Section 10)
 - Non-wetlands waters (Section 404)
 - Wetland (Section 10)
 - Wetland (Section 404)
 - Project Study Area (1611.97 Acres)



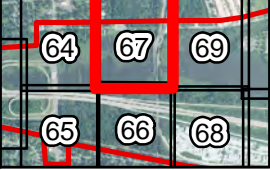
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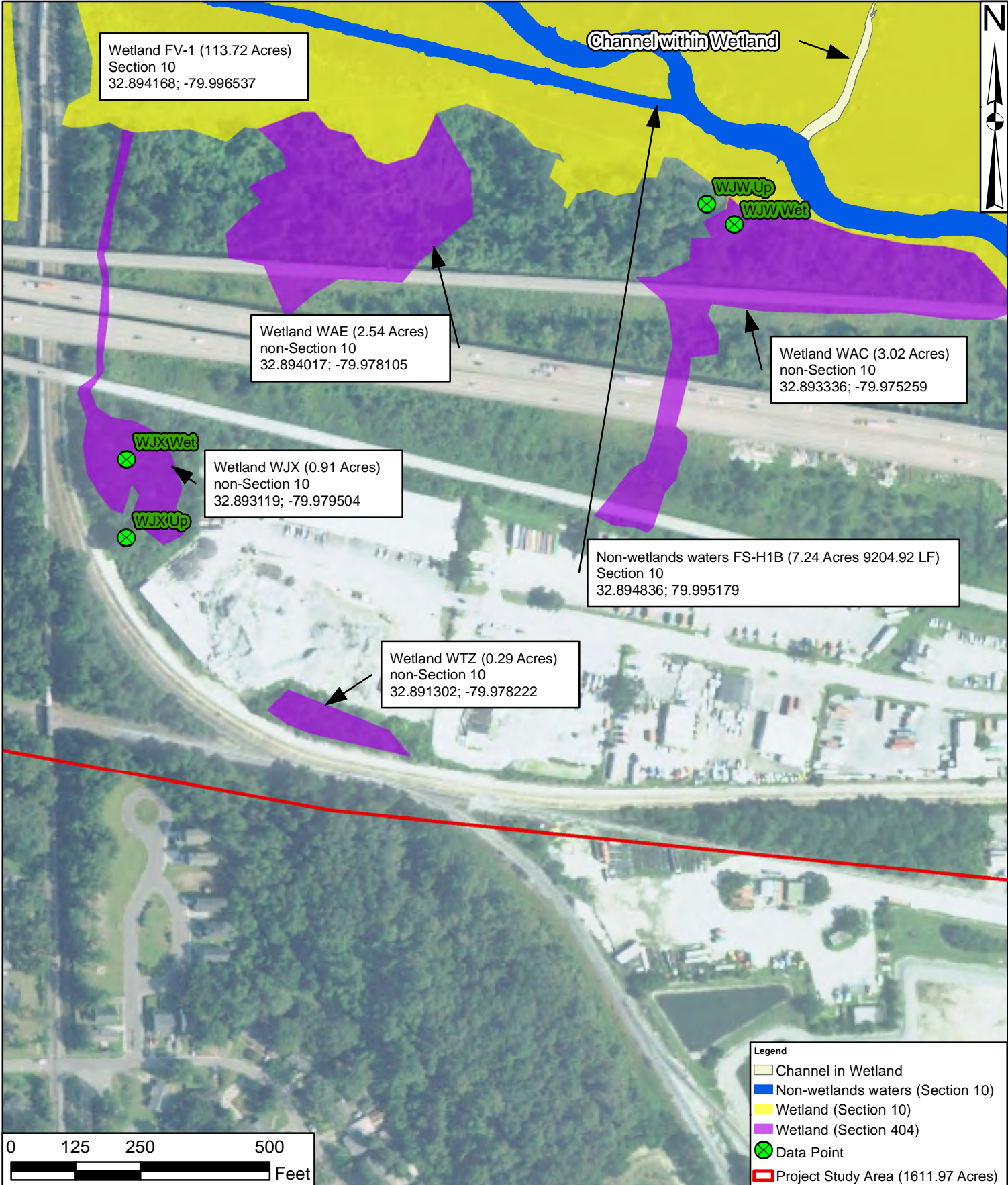
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Wetland FV-1 (113.72 Acres)
Section 10
32.894168; -79.996537

Channel within Wetland

Wetland WAE (2.54 Acres)
non-Section 10
32.894017; -79.978105

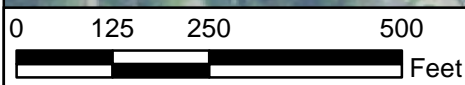
Wetland WAC (3.02 Acres)
non-Section 10
32.893336; -79.975259

Wetland WJX (0.91 Acres)
non-Section 10
32.893119; -79.979504

Non-wetlands waters FS-H1B (7.24 Acres 9204.92 LF)
Section 10
32.894836; 79.995179

Wetland WTZ (0.29 Acres)
non-Section 10
32.891302; -79.978222

- Legend**
- Channel in Wetland
 - Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Wetland (Section 404)
 - Data Point
 - Project Study Area (1611.97 Acres)



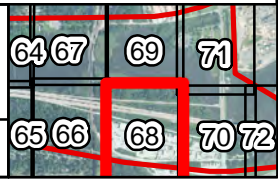
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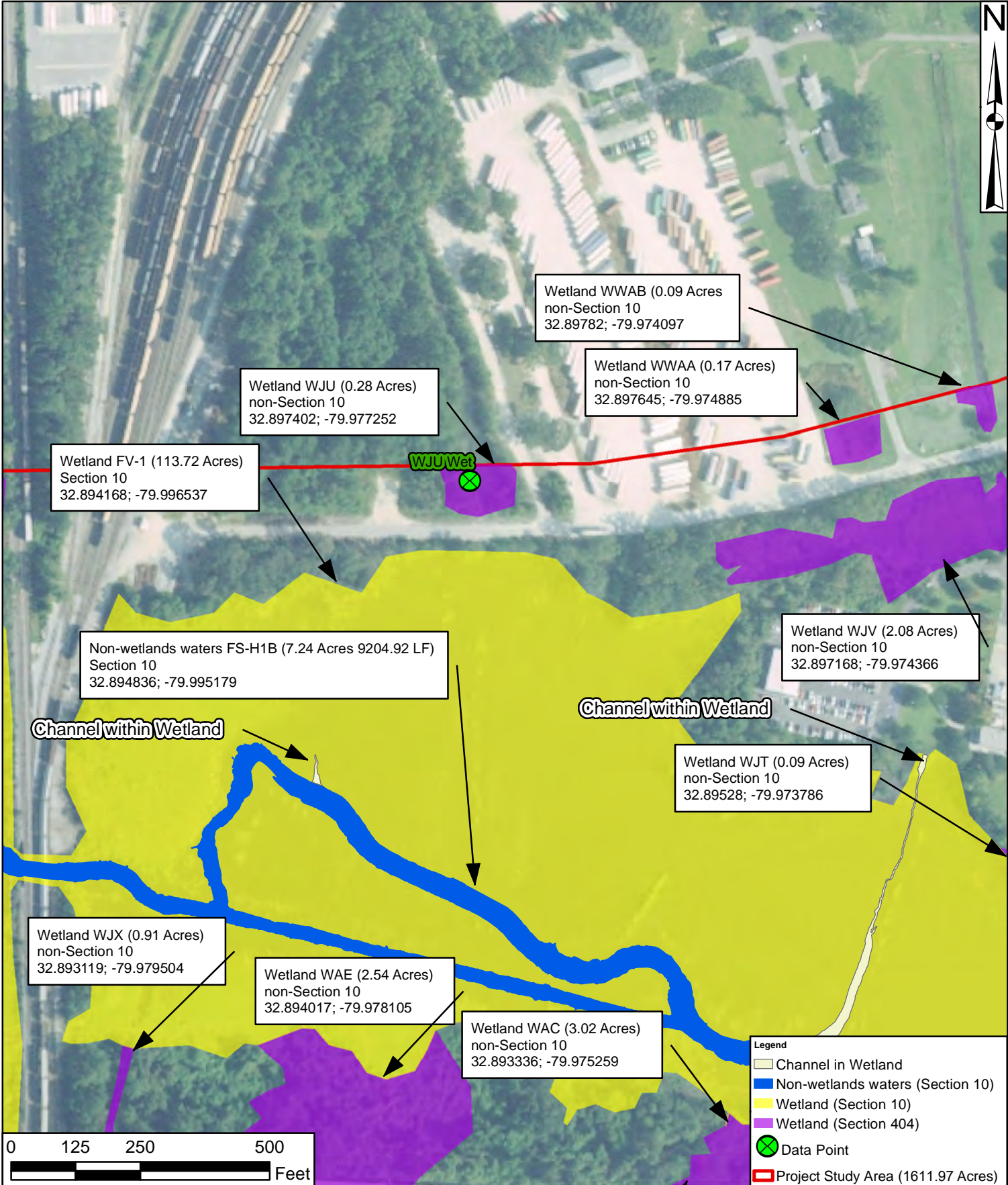
Drawn By: RHH
QA/QC: KLM

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Charleston County
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Aquatic Resources

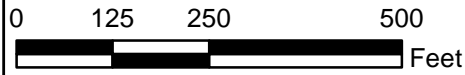
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Legend

- Channel in Wetland
- Non-wetlands waters (Section 10)
- Wetland (Section 10)
- Wetland (Section 404)
- X Data Point
- Project Study Area (1611.97 Acres)



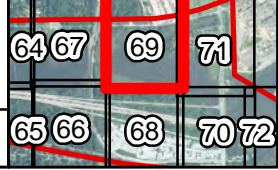
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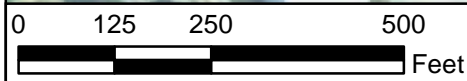
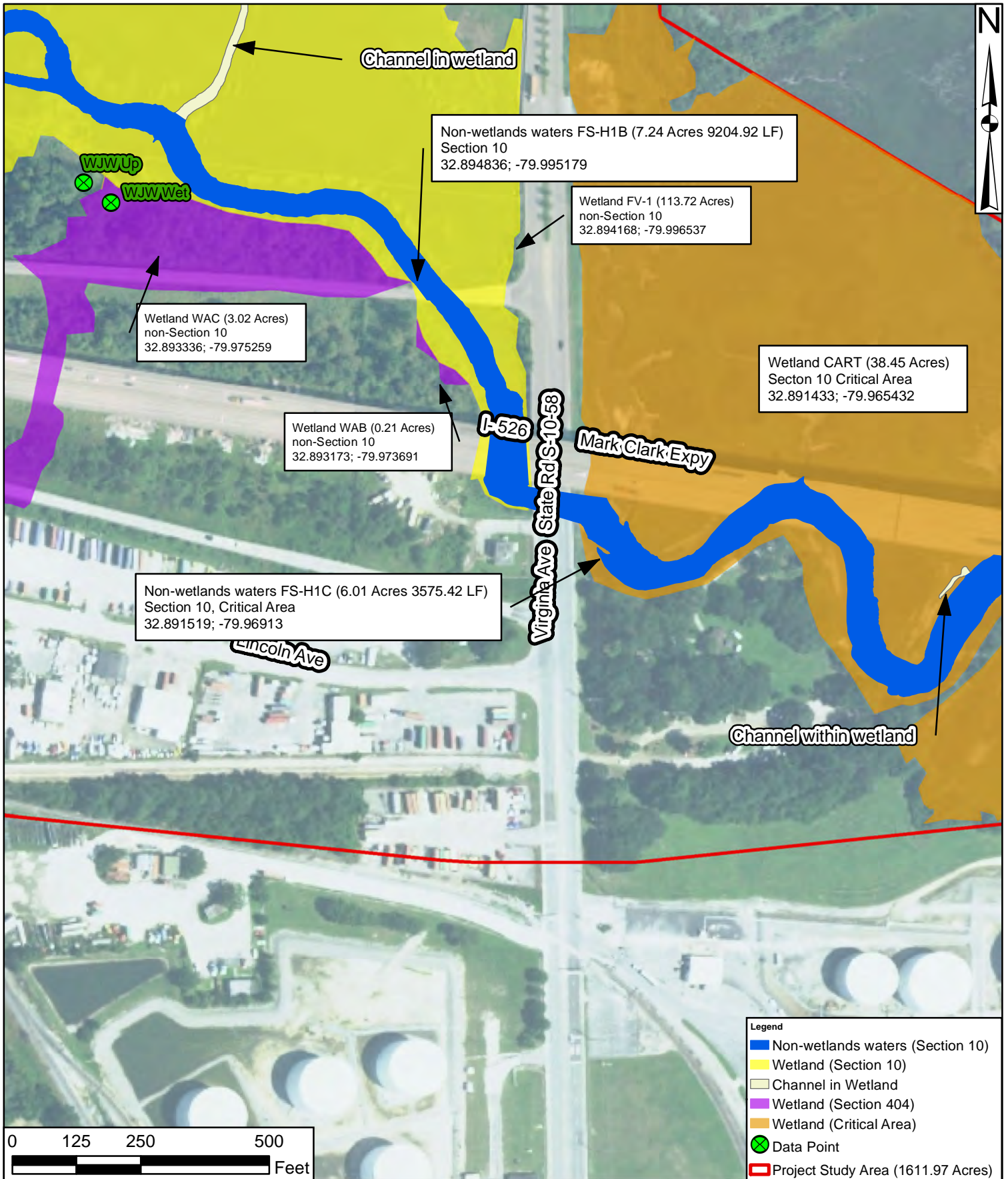
Drawn By: RHH
QA/QC: KLM

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- Legend**
- Non-wetlands waters (Section 10)
 - Wetland (Section 10)
 - Channel in Wetland
 - Wetland (Section 404)
 - Wetland (Critical Area)
 - ⊗ Data Point
 - ▬ Project Study Area (1611.97 Acres)



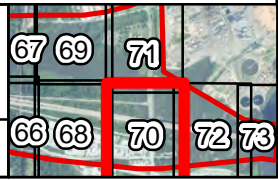
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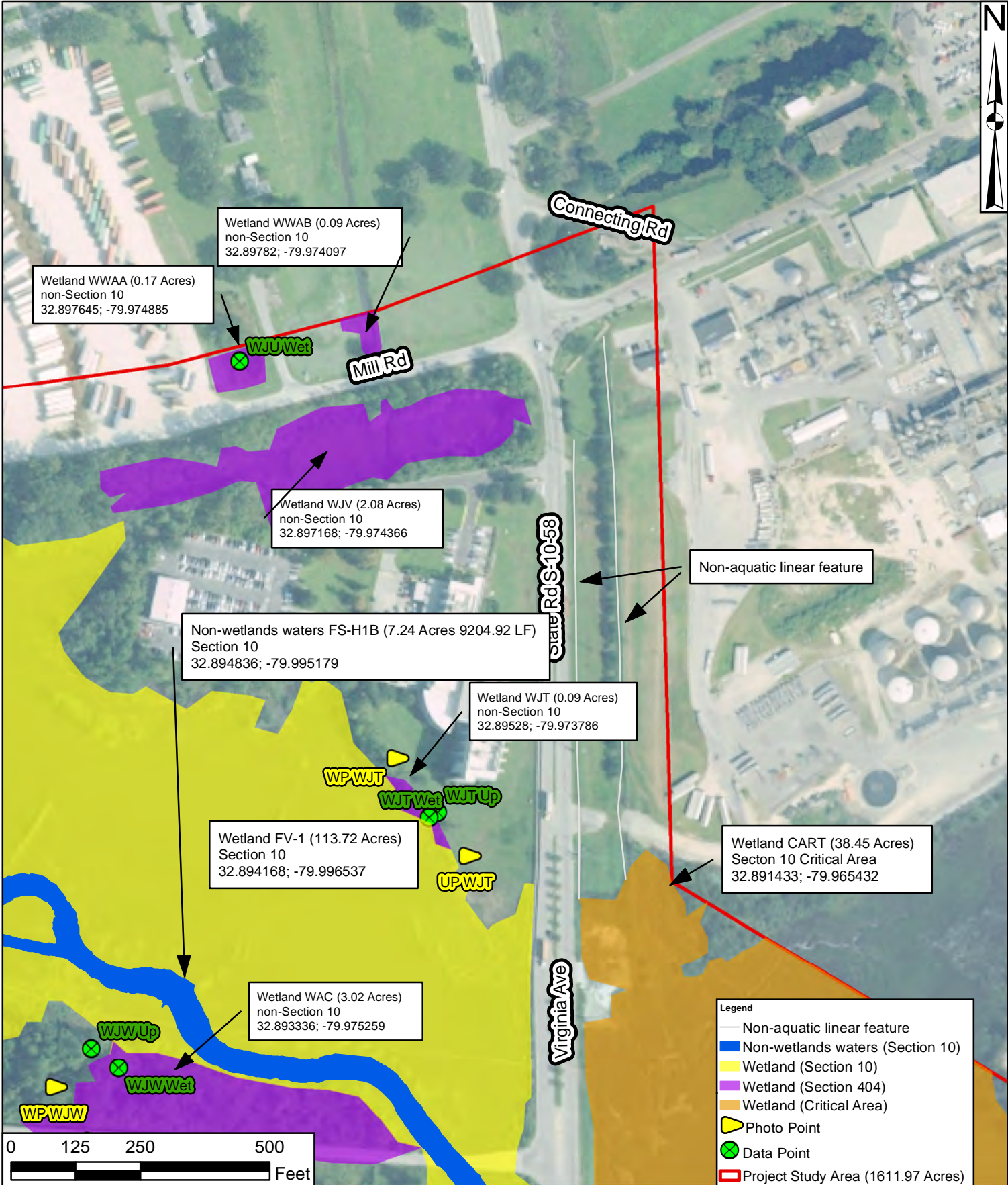
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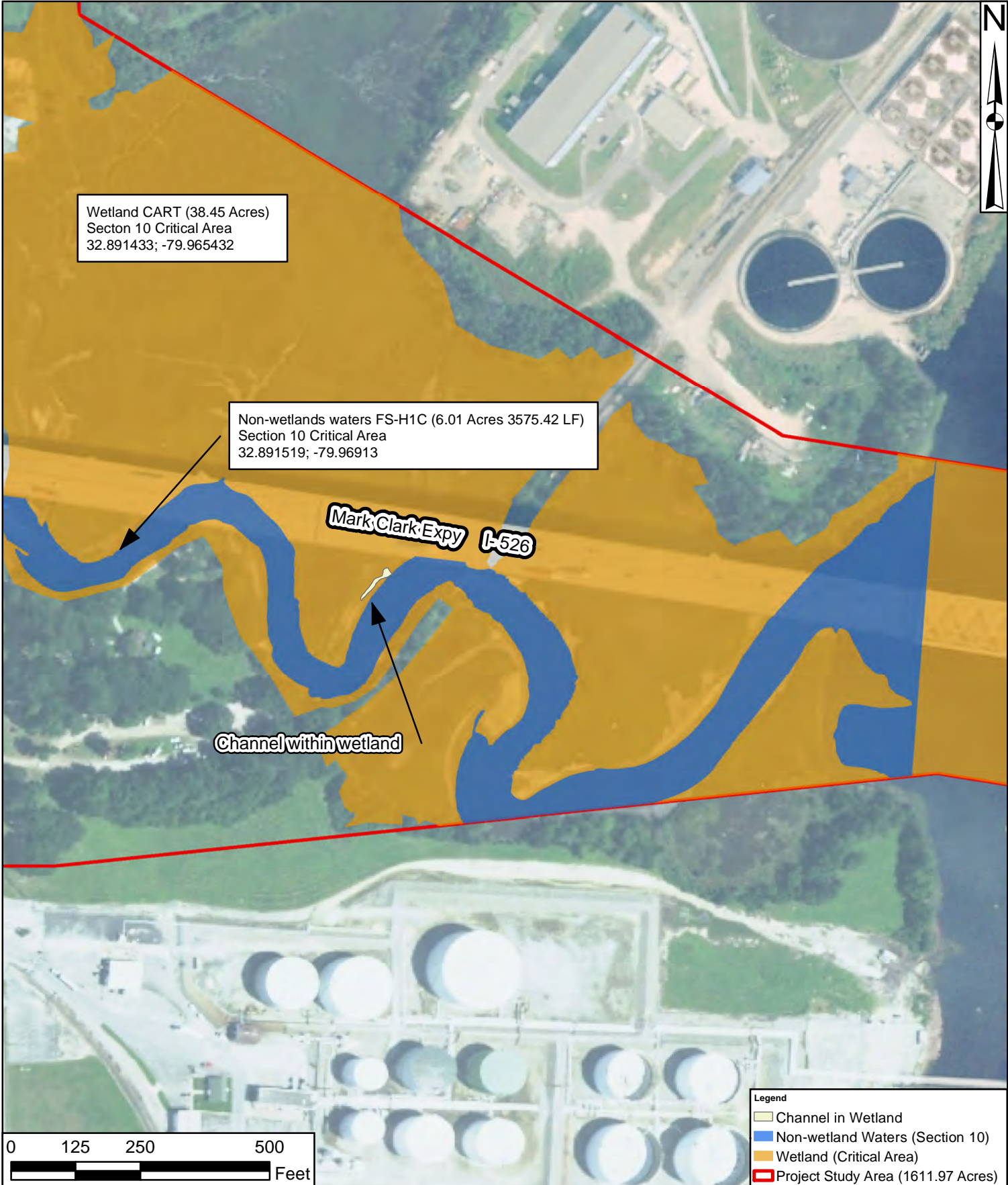
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Charleston County
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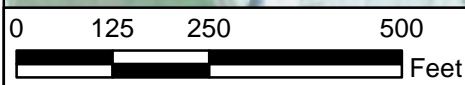


Wetland CART (38.45 Acres)
 Section 10 Critical Area
 32.891433; -79.965432

Non-wetlands waters FS-H1C (6.01 Acres 3575.42 LF)
 Section 10 Critical Area
 32.891519; -79.96913

Mark Clark Expy I-526

Channel within wetland



- Legend**
- Channel in Wetland
 - Non-wetland Waters (Section 10)
 - Wetland (Critical Area)
 - Project Study Area (1611.97 Acres)

Source:
 NRCS NAIP Aerial
 2017

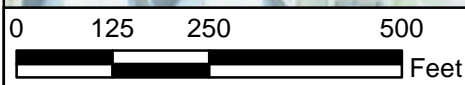
Drawn By: RHH
 QA/QC: KLM

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Legend	
■	Non-wetland Waters (Section 10)
■	Wetland (Critical Area)
	Project Study Area (1611.97 Acres)



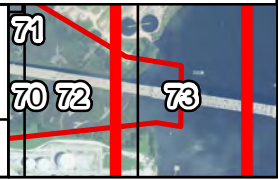
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2017

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QA/QC: KLM

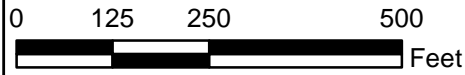
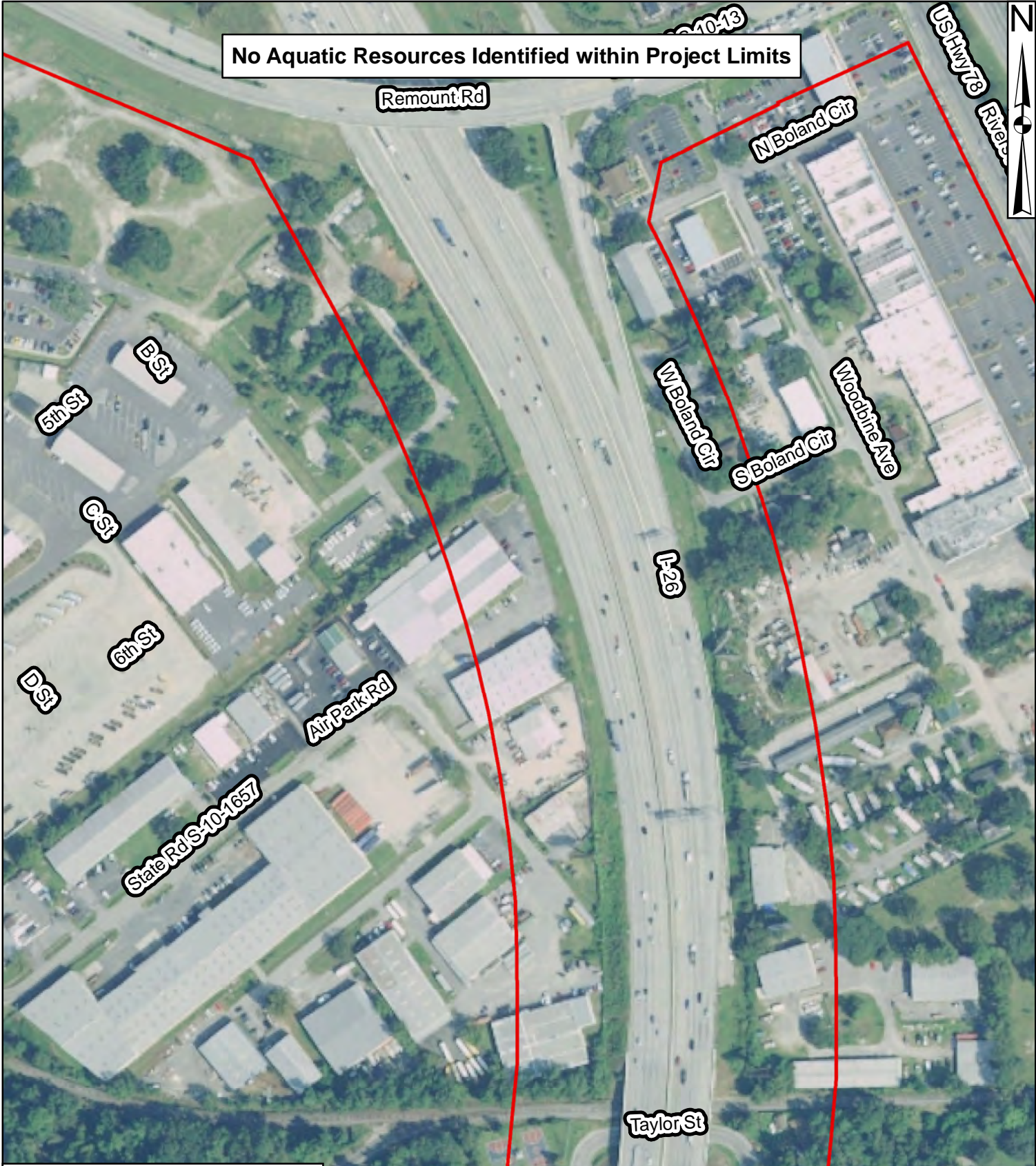
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October 31 2019

Aquatic Resources

Sheet 73 of 85



No Aquatic Resources Identified within Project Limits



Legend
Project Study Area (1611.97 Acres)

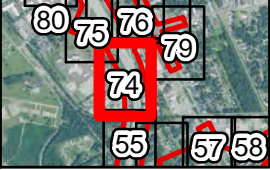


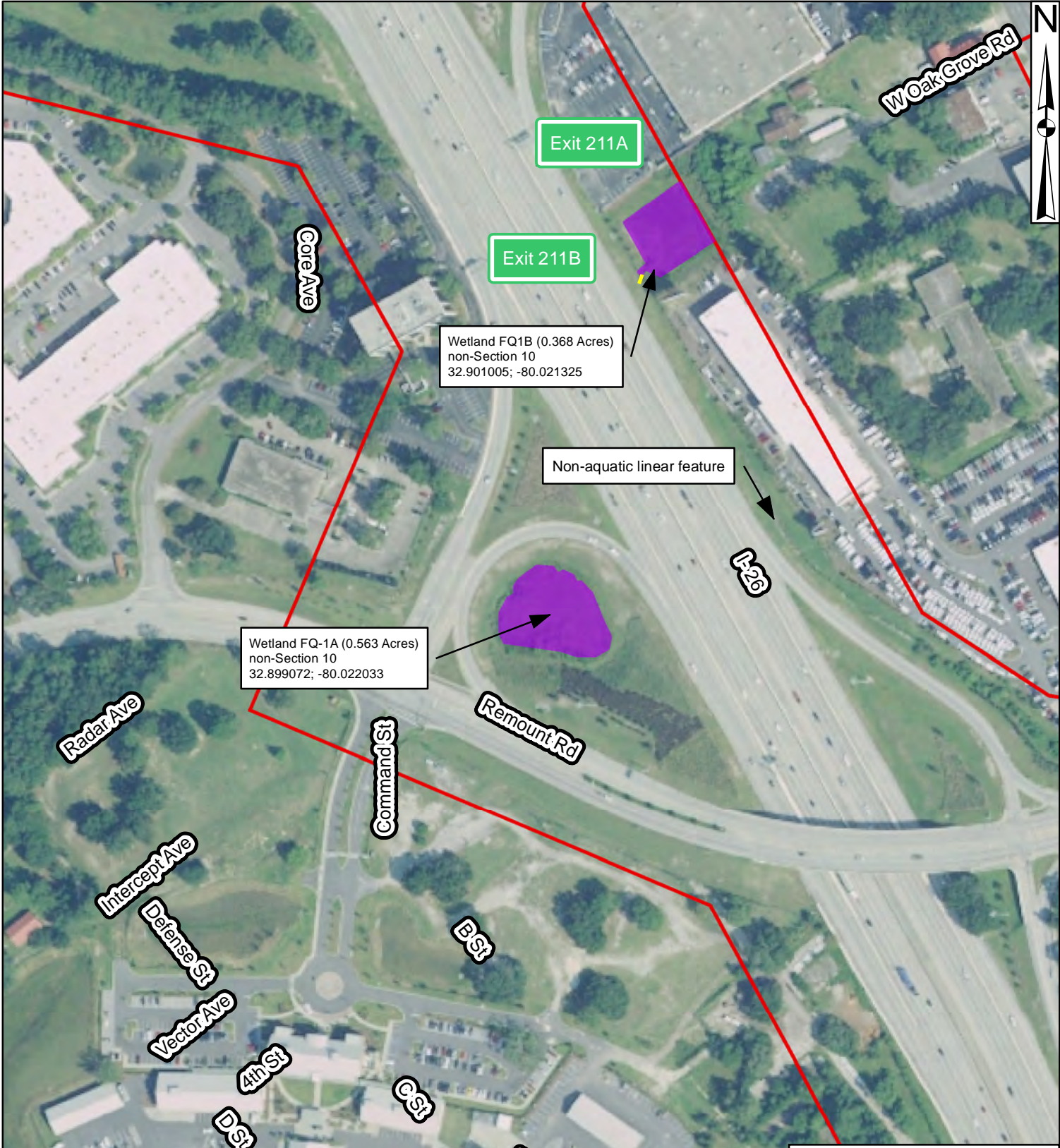
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources
Sheet 74 of 85





- Legend**
- Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



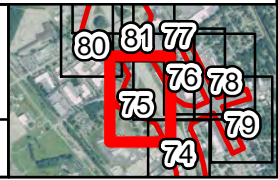
Source:
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2017

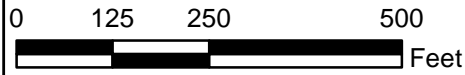
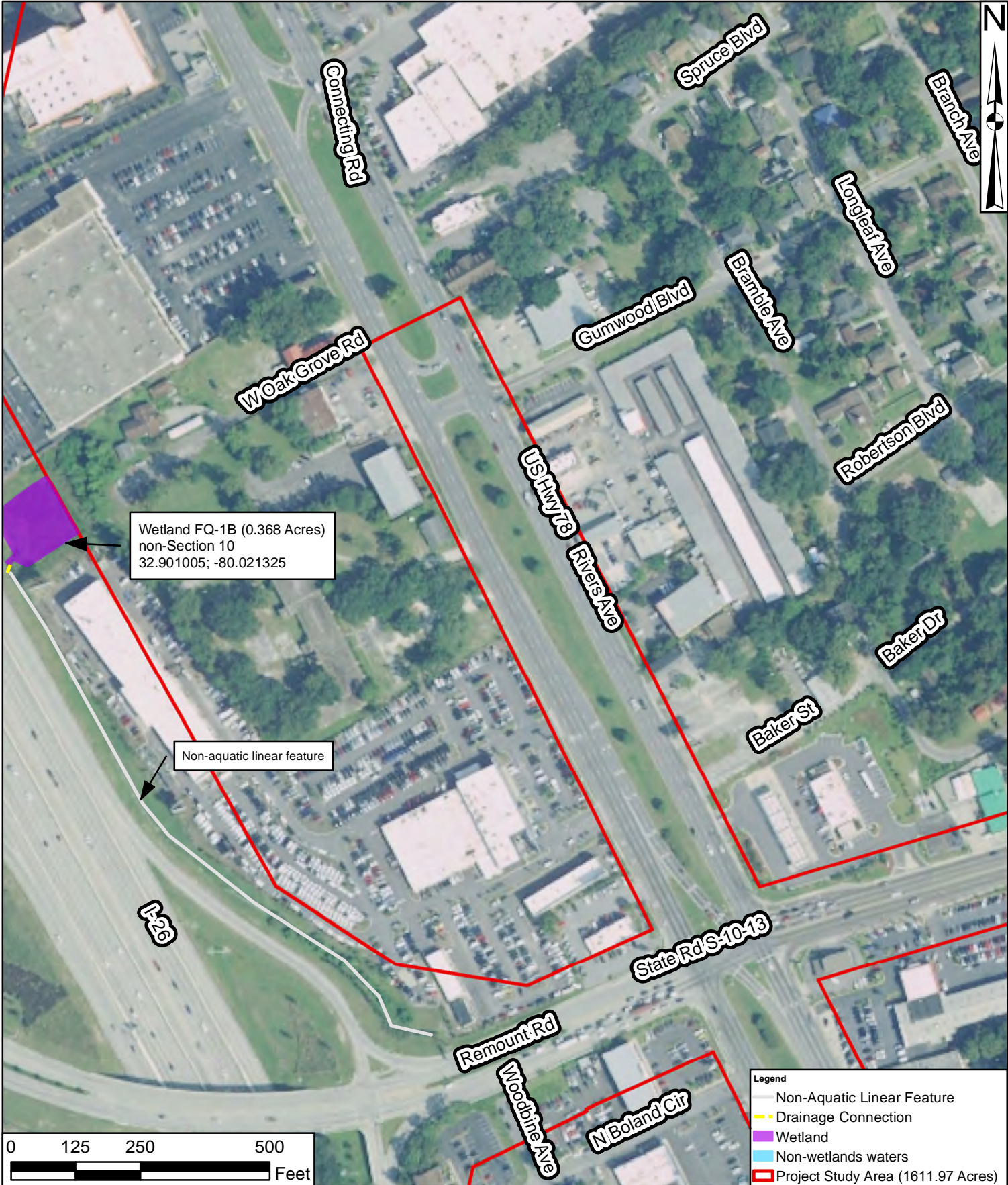
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

Sheet 75 of 85





- Legend**
- Non-Aquatic Linear Feature
 - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



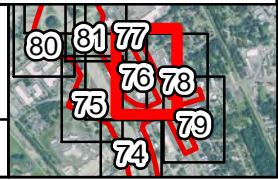
Source:
NRCS NAIP Aerial
2017

Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

Sheet 76 of 85





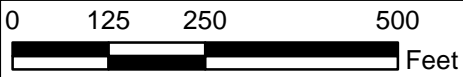
Exit 211A

Wetland FQ-1B (0.36 Acres)
non-Section 10
32.901005; -80.021325

Non-aquatic linear feature

Wetland FQ-1A (0.56 Acres)
non-Section 10
32.899072; -80.022033

- Legend
- Non-Aquatic Linear Feature
 - Drainage Connection
 - Wetland
 - Project Study Area (1611.97 Acres)

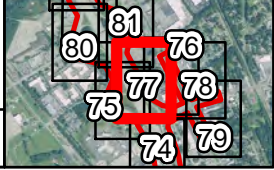


Source:
NRCS NAIP Aerial
2017

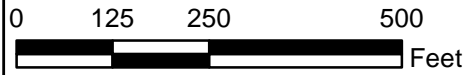
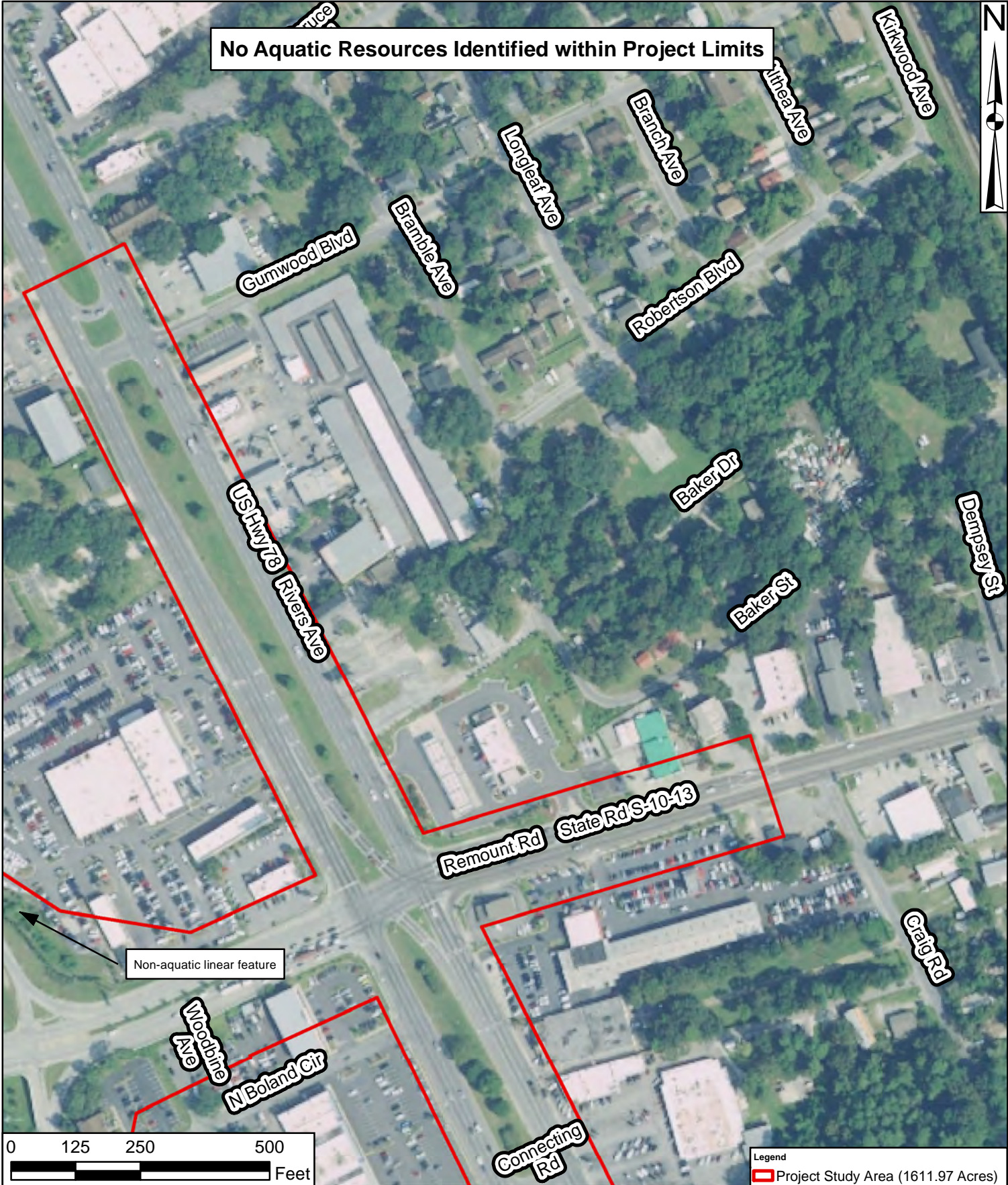
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources Sheet 77 of 85



No Aquatic Resources Identified within Project Limits



Legend
Project Study Area (1611.97 Acres)

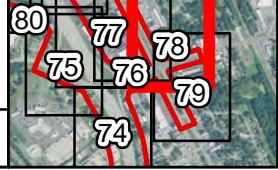


Source:
NRCS NAIP Aerial
2017

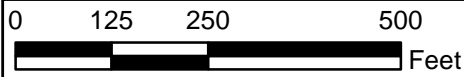
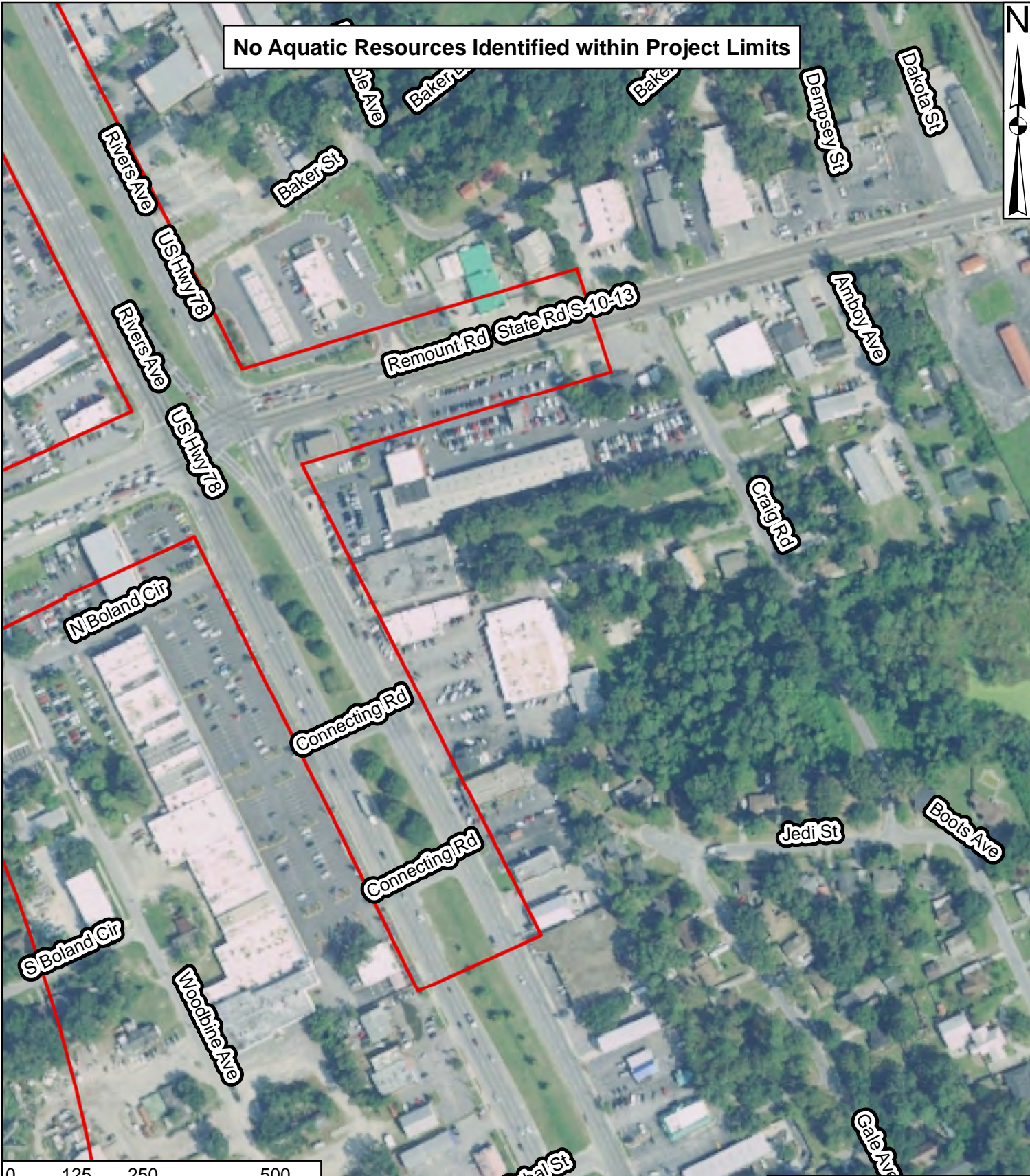
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources
Sheet 78 of 85



No Aquatic Resources Identified within Project Limits



Legend
 Project Study Area (1611.97 Acres)



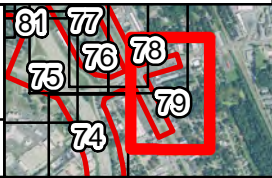
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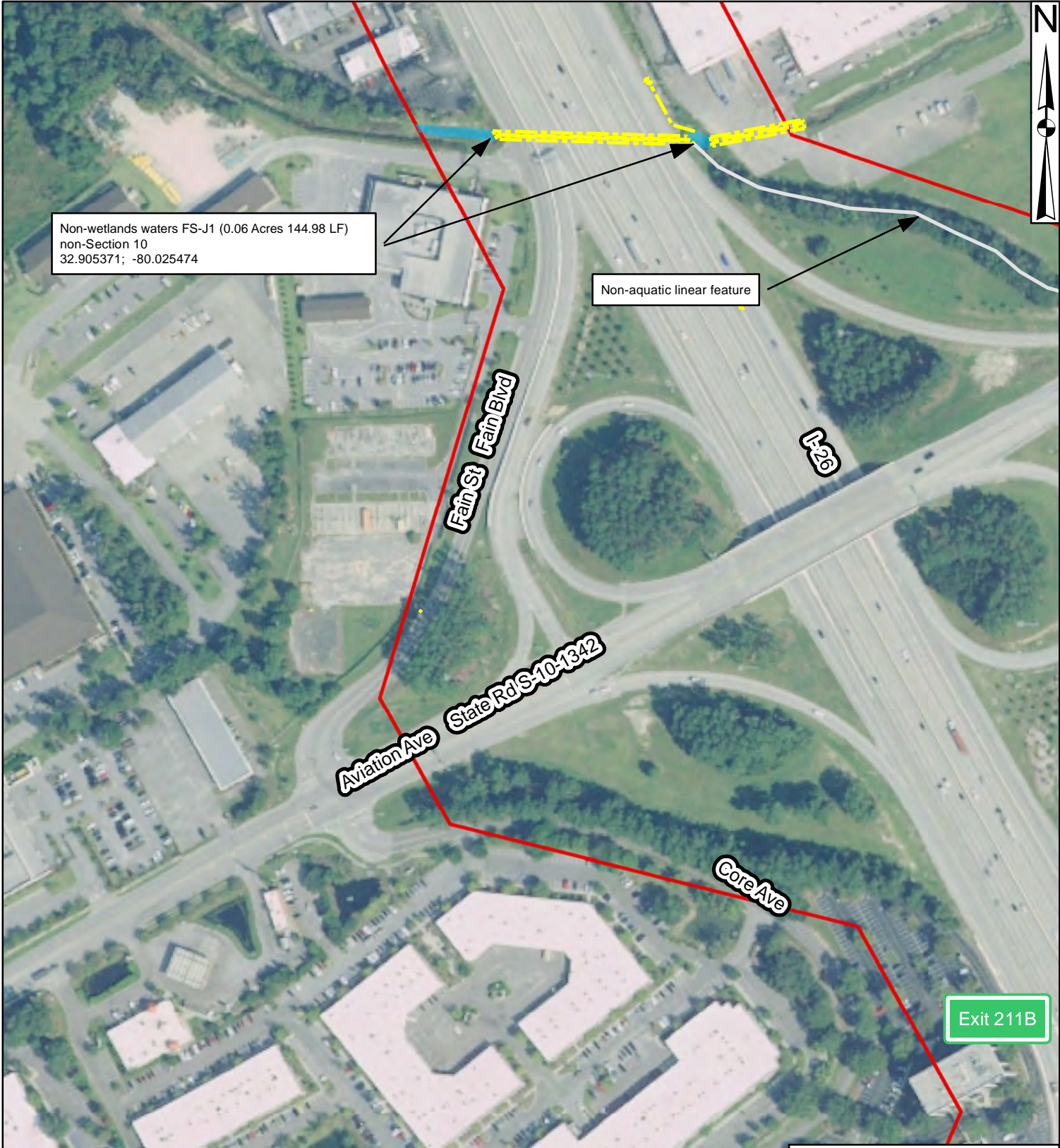
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

Sheet 79 of 85





Non-wetlands waters FS-J1 (0.06 Acres 144.98 LF)
 non-Section 10
 32.905371; -80.025474

Non-aquatic linear feature

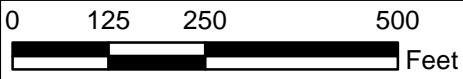
Rain St Fain Blvd

I-526

Aviation Ave State Rd S-10-1342

Core Ave

Exit 211B



- Legend
- Non-Aquatic Linear Feature
 - - - Drainage Connection
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)

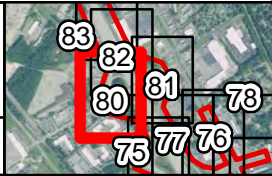
Source:
 NRCS NAIP Aerial
 2017

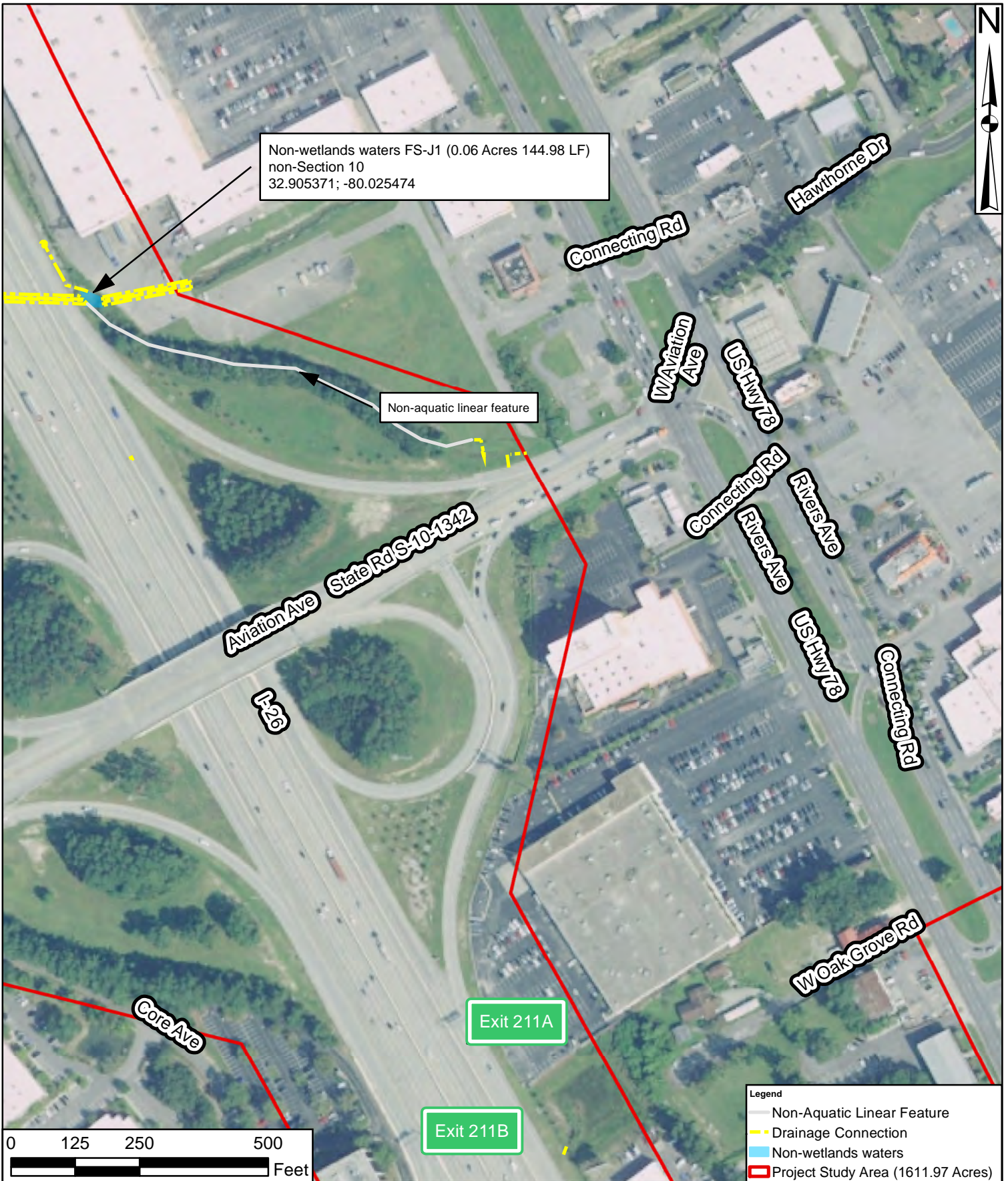
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

Sheet 80 of 85

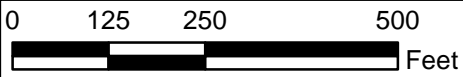




Non-wetlands waters FS-J1 (0.06 Acres 144.98 LF)
 non-Section 10
 32.905371; -80.025474

Non-aquatic linear feature

- Legend**
- Non-Aquatic Linear Feature
 - - - Drainage Connection
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



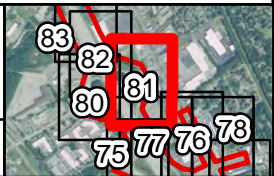
Source:
 NRCS NAIP Aerial
 2017

Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

Sheet 81 of 85



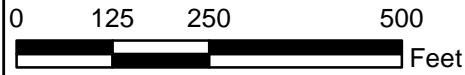


Exit 211



Non-wetlands waters FS-J1 (0.06 Acres 144.98 LF)
 non-Section 10
 32.905371; -80.025474

Non-aquatic linear feature



- Legend
- Non-Aquatic Linear Feature
 - Drainage Connection
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)

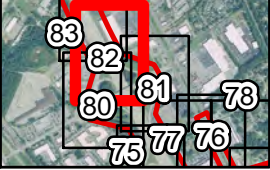
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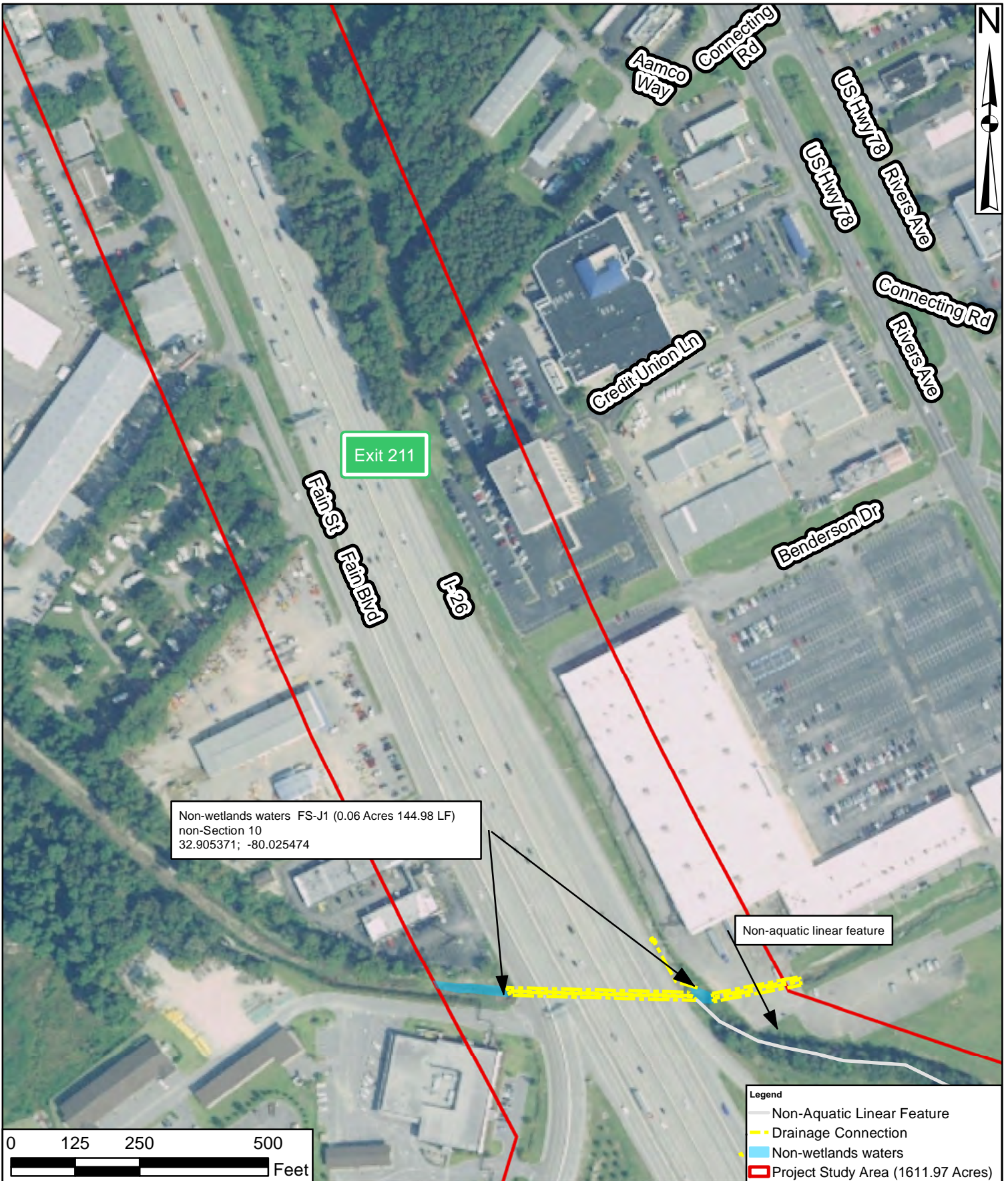
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
 Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

Sheet 82 of 85

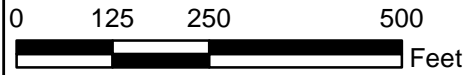




Non-wetlands waters FS-J1 (0.06 Acres 144.98 LF)
 non-Section 10
 32.905371; -80.025474

Non-aquatic linear feature

- Legend**
- Non-Aquatic Linear Feature
 - Drainage Connection
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



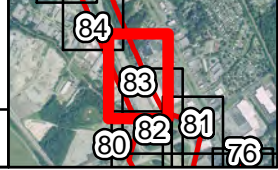
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 2017

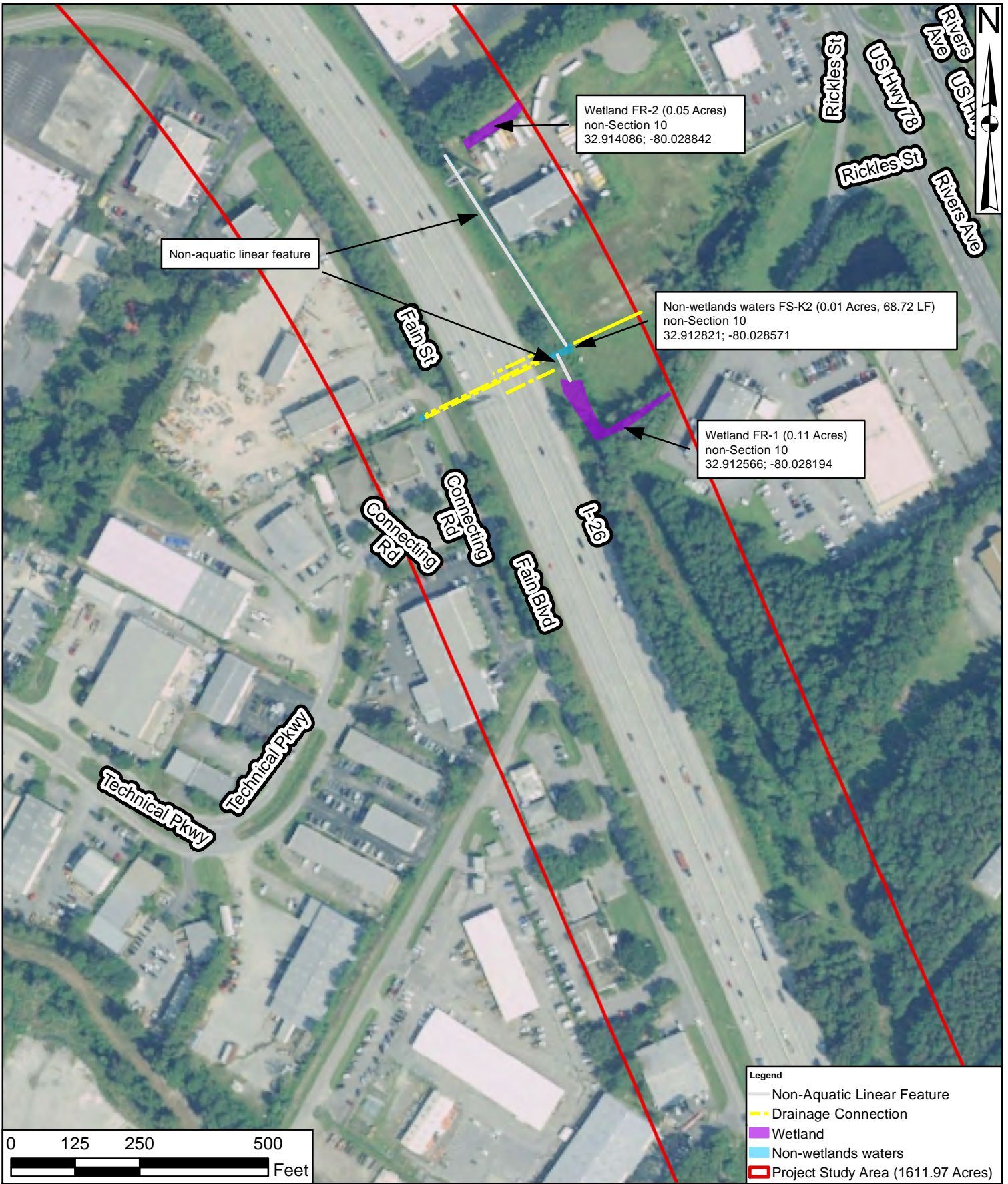
Drawn By: RHH
 QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
 SCDOT P032102
 October 31 2019

Aquatic Resources

Sheet 83 of 85





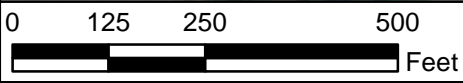
Non-aquatic linear feature

Wetland FR-2 (0.05 Acres)
non-Section 10
32.914086; -80.028842

Non-wetlands waters FS-K2 (0.01 Acres, 68.72 LF)
non-Section 10
32.912821; -80.028571

Wetland FR-1 (0.11 Acres)
non-Section 10
32.912566; -80.028194

- Legend**
- Non-Aquatic Linear Feature
 - - - Drainage Connection
 - Wetland
 - Non-wetlands waters
 - Project Study Area (1611.97 Acres)



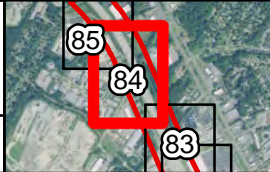
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NRCS NAIP Aerial
2017

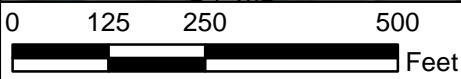
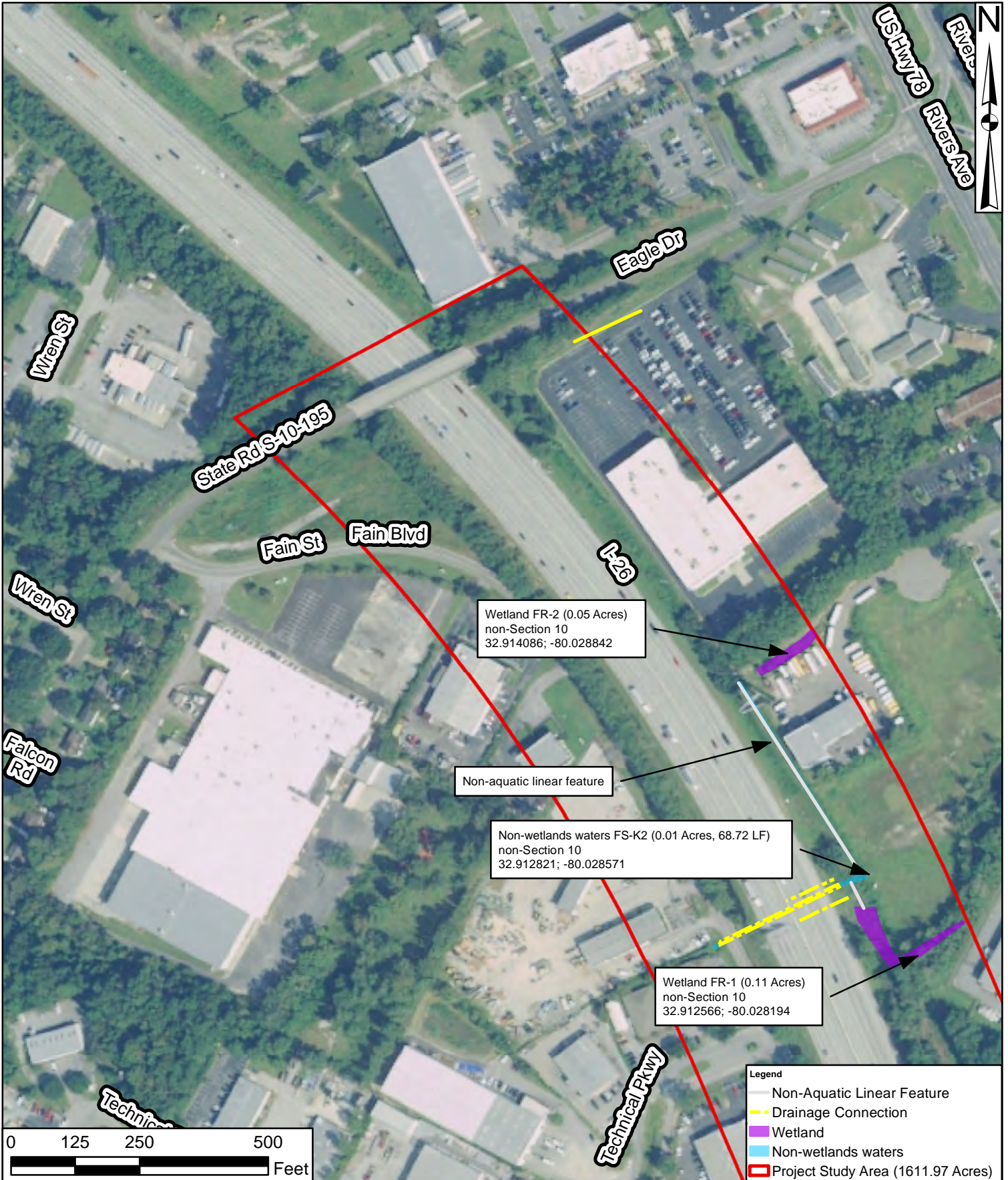
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

Sheet 84 of 85





Legend	
	Non-Aquatic Linear Feature
	Drainage Connection
	Wetland
	Non-wetlands waters
	Project Study Area (1611.97 Acres)



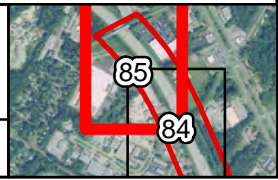
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2017

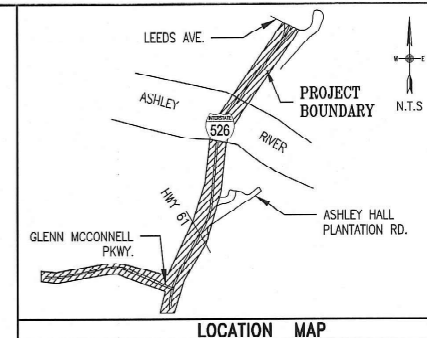
Drawn By: RHH
QA/QC: KLM

I-526 Lowcountry Corridor West
Charleston County
SCDOT P032102
October 31 2019

Aquatic Resources

Sheet 85 of 85



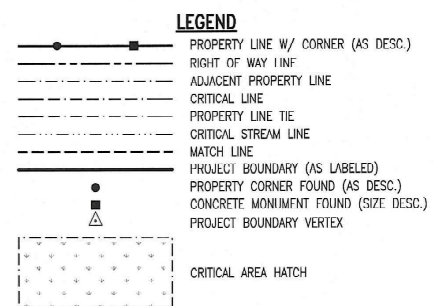


GENERAL NOTES:

- STATE PLANE COORDINATES ARE FOR GIS PURPOSES ONLY.
- POINT FLAG LABELS AND SOME LINE TAG LABELS HAVE BEEN TURNED OFF FOR CLARITY

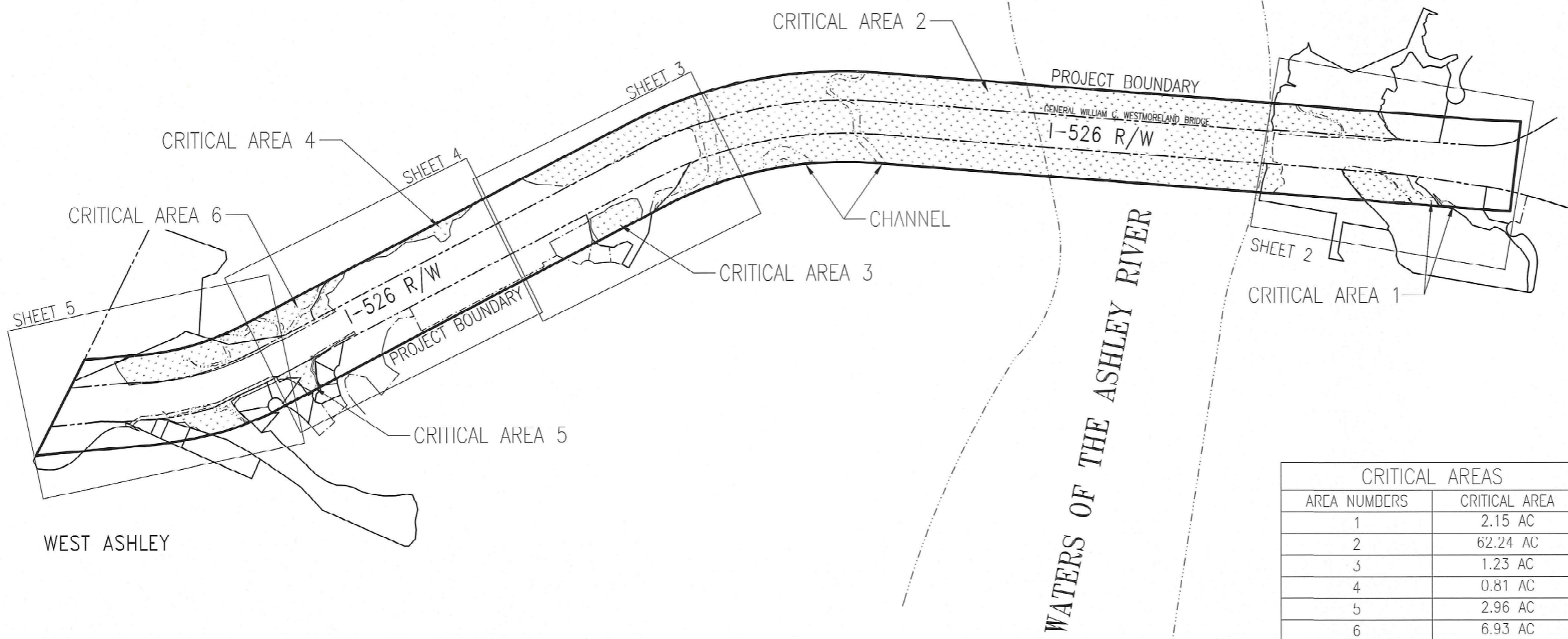
REFERENCE PLAT BY:

PLAT BOOK-PAGE	DATE	NAME
BX - 162	APRIL 26, 1989	GEORGE A.Z. JOHNSON
CA - 024	JUNE 25, 1990	GEORGE A.Z. JOHNSON
BL - 063	SEPT. 25, 1986	JOHN O. PLEXICO
CA - 103	SEPT 12, 1990	GEORGE A.Z. JOHNSON
R - 085	APRIL 27, 1973	HAROLD J. LAMOND
BL - 063	SEPT. 25, 1986	JOHN O. PLEXICO
BZ - 152	APRIL 28, 1990	GEORGE A.Z. JOHNSON
L11 - 255	SEPT 21, 2011	F. LEE HOWELL
F - 104	DEC 11, 1941	JULIUS E. CROMWELL
EJ - 911	FEB 20, 2008	GEORGE A.Z. JOHNSON
BW - M 67	MAY 18, 1989	THOMAS DV. BESSETT
BL - 132	DEC 31, 1986	H. EXO HILTON
LD9 - 0517	OCT 15, 2009	ANDREW G. GILLETTE
	1993	SCDOT ROAD PLANS #10.765



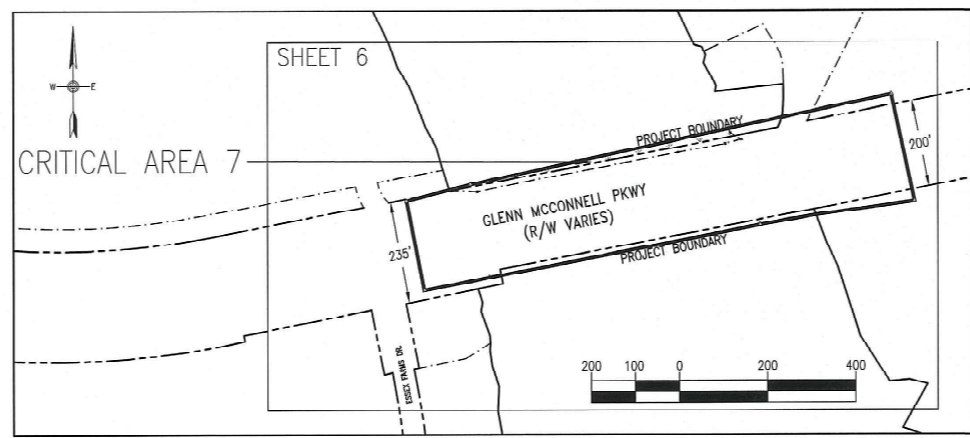
ABBREVIATION LEGEND

- RFB REBAR FOUND (SIZE DESC.)
- CMF CONCRETE MONUMENT FOUND (SIZE DESC.)
- IPF IRON PIPE FOUND (SIZE DESC.)

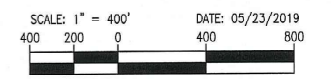


CRITICAL AREAS

AREA NUMBERS	CRITICAL AREA
1	2.15 AC
2	62.24 AC
3	1.23 AC
4	0.81 AC
5	2.96 AC
6	6.93 AC
7	0.36 AC
TOTAL	76.68 AC

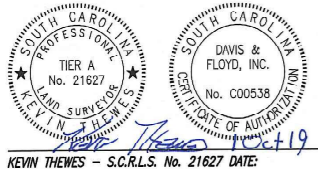


CRITICAL LINE PLAT
 SHOWING
 CRITICAL AREAS ALONG I-526 CORRIDOR
 INCLUDING
 CRITICAL AREAS 1 (2.15 AC), 2 (62.24 AC),
 3 (1.23 AC), 4 (0.81 AC), 5 (2.96 AC),
 6 (6.93 AC), AND 7 (0.36 AC)
 LOCATED
 CITY OF NORTH CHARLESTON
 AND
 CITY OF CHARLESTON
 CHARLESTON COUNTY, SOUTH CAROLINA
 D&F JOB #: 31667.00



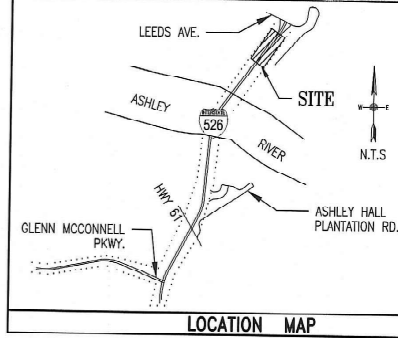
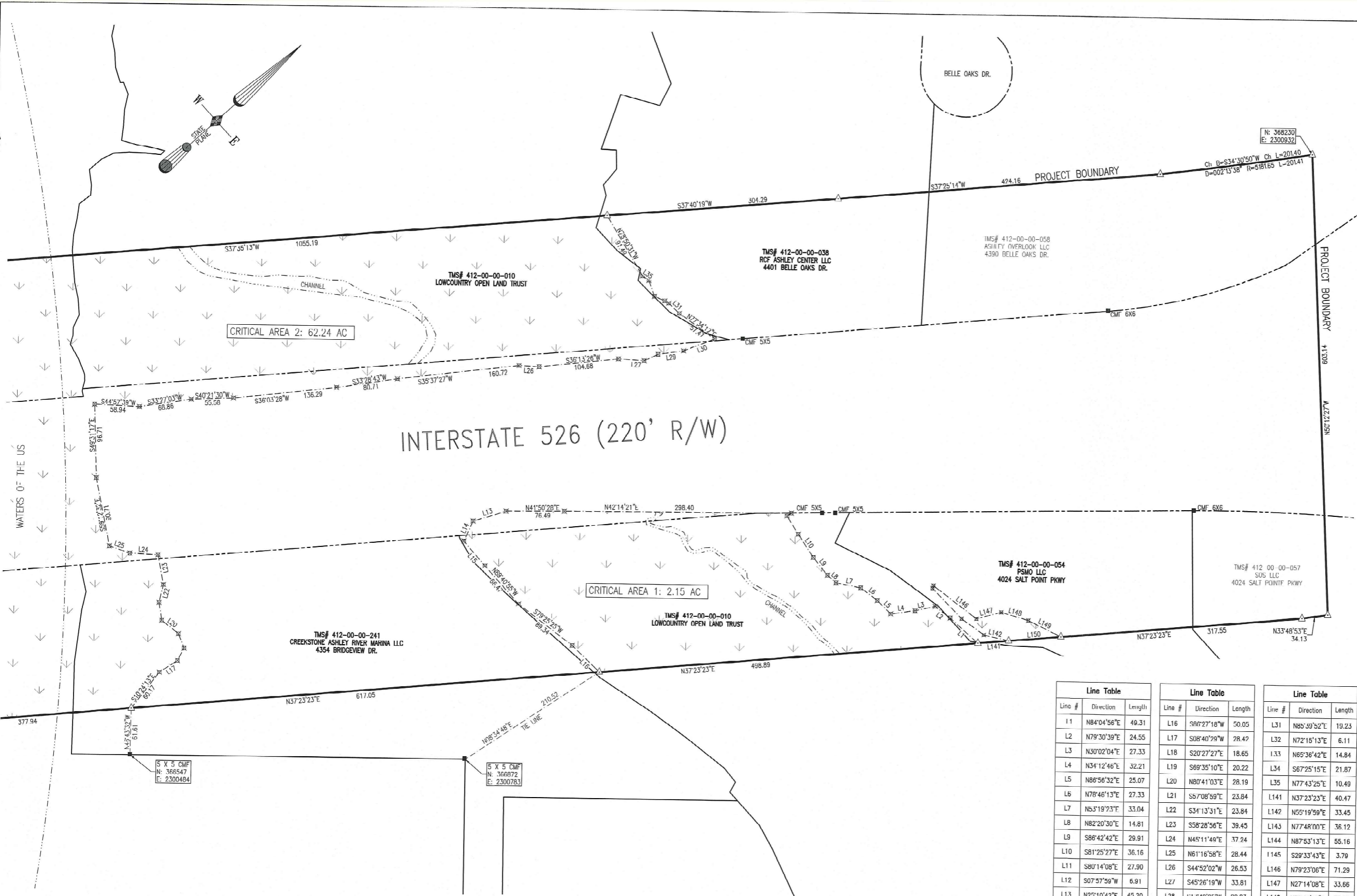
SHEET 01 of 06
DAVIS & FLOYD, INC
 POST OFFICE BOX 61599
 CHARLESTON, SC 29419
 PHONE (843) 554-8602
 KTHEWES@DAVISFLOYD.COM

I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN. THE AREA WAS DETERMINED BY THE COORDINATE METHOD OF AREA DETERMINATION. THE PRECISION OF THE UNADJUSTED FIELD SURVEY WAS GREATER THAN 1:10,000.



THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT(SCDHEC-OCRM) PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF SCDHEC-OCRM, SCDHEC-OCRM IN NO WAY WAIVES ITS RIGHT TO ASSERT PERMIT JURISDICTION AT ANY TIME IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY WHETHER SHOWN OR NOT.

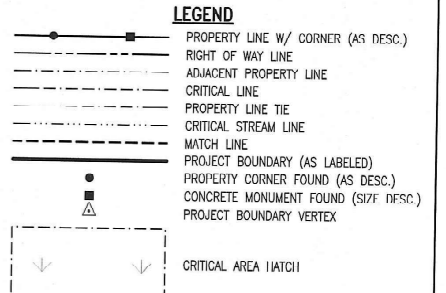
Kevin Thewes 10-3-19
 SIGNATURE DATE
 The critical line shown on this plat is valid for five years from the date of this signature, subject to the cautionary language above.



GENERAL NOTES:
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REFERENCE PLAT BY:

PLAT BOOK	PAGE
1. GEORGE A.Z. JOHNSON	APRIL 26, 1999 BX - 162
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4. GEORGE A.Z. JOHNSON	SEPT 12, 1990 CA - 103
5. HAROLD J. LOMUND	APRIL 27, 1973 R - 085
6. JOHN O. PLEXICO	SEPT. 25, 1986 BL - 063
7. GEORGE A.Z. JOHNSON	APRIL 28, 1990 BZ - 152
8. F. LEE HOWELL	SEPT 21, 2011 L11 - 255
9. JULIUS E. CROWMELL	DEC 11, 1941 F - 104
10. GEORGE A.Z. JOHNSON	FEB 20, 2008 EJ - 911
11. THOMAS B.V. BESSETT	MAY 18, 1989 BW - M 67
12. H. LEO HILTON	DEC 31, 1986 BL - 132
13. ANDREW G. GILLETTE	OCT 15, 2009 LOG - 0517
14. SCDOT ROAD PLANS #10.765	- 1983

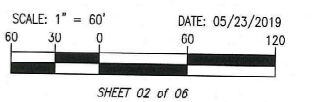


ABBREVIATION LEGEND

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- CMF CONCRETE MONUMENT FOUND (SIZE DESC.)
- IPF IRON PIPE FOUND (SIZE DESC.)

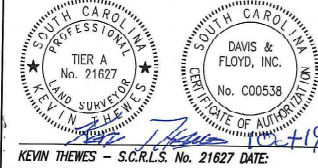
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L2	N79°30'39"E	24.55	L17	S08°40'29"W	28.42	L32	N72°15'13"E	6.11
L3	N30°02'04"E	27.33	L18	S20°27'27"E	18.65	L33	N65°36'42"E	14.84
L4	N34°12'46"E	32.21	L19	S69°35'10"E	20.22	L34	S67°25'15"E	21.87
L5	N86°56'32"E	25.07	L20	N80°41'03"E	28.19	L35	N77°43'25"E	10.49
L6	N78°46'13"E	27.33	L21	S57°08'59"E	23.84	L141	N37°23'23"E	40.47
L7	N63°19'23"E	33.04	L22	S34°13'31"E	23.84	L142	N55°19'59"E	33.45
L8	N82°20'30"E	14.81	L23	S58°28'56"E	39.45	L143	N77°48'00"E	36.12
L9	S86°42'42"E	29.91	L24	N45°11'49"E	37.24	L144	N87°53'13"E	55.16
L10	S81°25'27"E	36.16	L25	N61°18'58"E	28.44	L145	S29°33'43"E	3.79
L11	S80°14'08"E	27.90	L26	S44°52'02"W	26.53	L146	N79°23'06"E	71.29
L12	S07°57'59"W	6.91	L27	S45°26'19"W	33.81	L147	N27°14'08"E	33.66
L13	N25°10'42"E	45.20	L28	S17°49'25"W	20.03	L148	N58°41'45"E	37.29
L14	N23°21'31"W	28.62	L29	S33°56'58"W	33.74	L149	N08°14'18"E	47.69
L15	N88°48'44"W	42.46	L30	S20°52'54"W	43.84	L150	N37°23'23"E	68.87

CRITICAL LINE PLAT
 SHOWING
 CRITICAL AREAS ALONG I-526 CORRIDOR
 INCLUDING
 CRITICAL AREAS 1 (2.15 AC), 2 (62.24 AC),
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 LOCATED
 CITY OF NORTH CHARLESTON
 AND
 CITY OF CHARLESTON
 CHARLESTON COUNTY, SOUTH CAROLINA
 D&F JOB #: 31667.00



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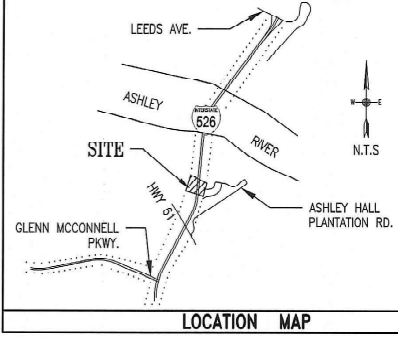
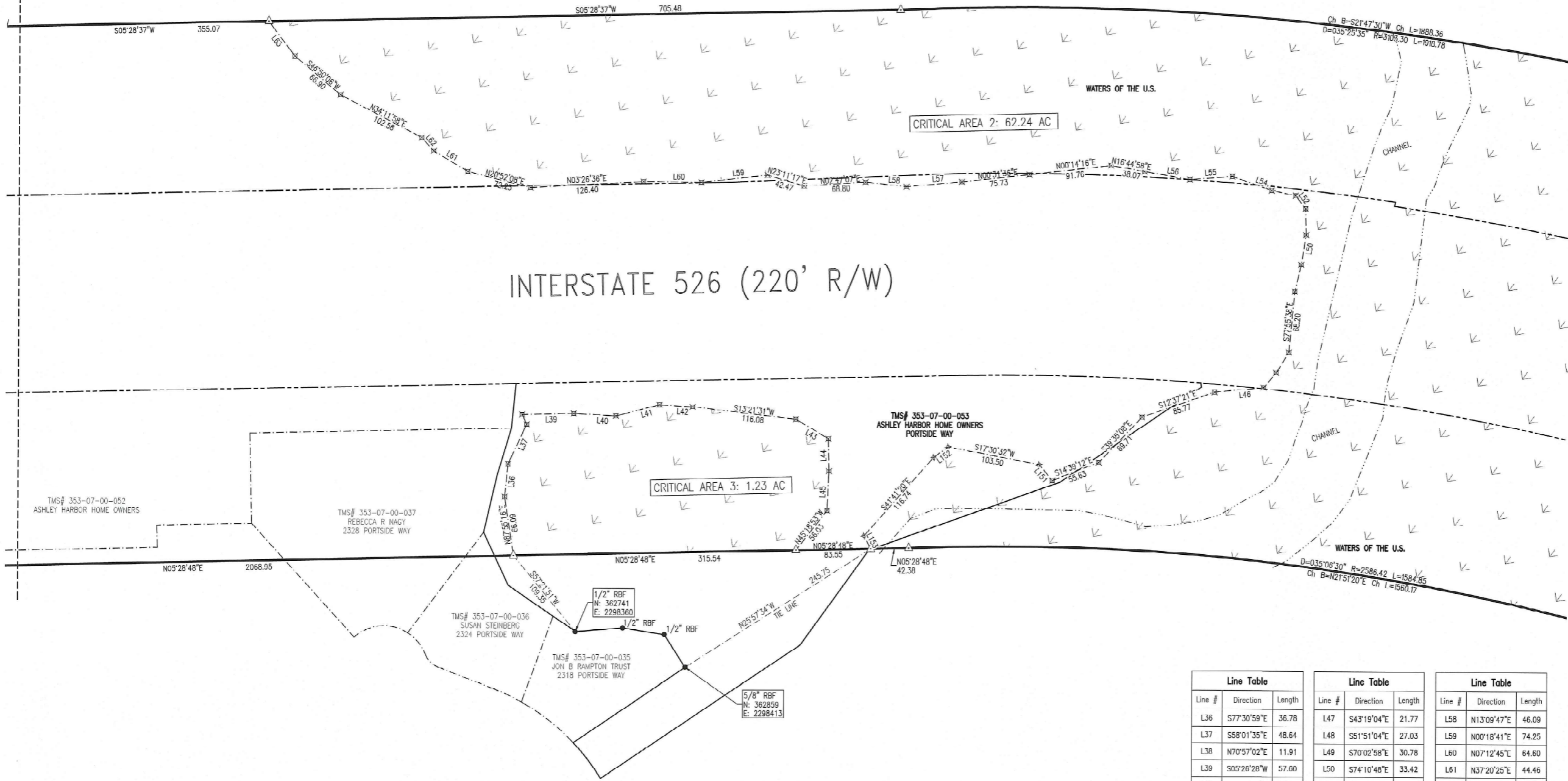


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Josh Hebe 10-3-19
 SIGNATURE DATE

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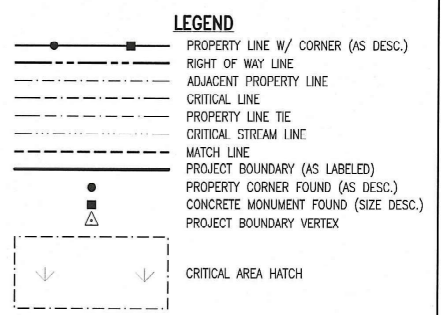
SHEET 3
SHEET 4



GENERAL NOTES:
 1. STATE PLANE COORDINATES ARE FOR GIS PURPOSES ONLY.
 2. POINT FLAG LABELS AND SOME LINE TAG LABELS HAVE BEEN TURNED OFF FOR CLARITY

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		SCDOT ROAD PLANS #10.765 - 1983

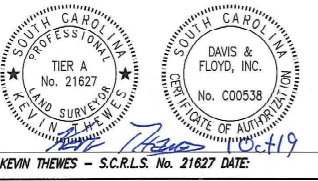


ABBREVIATION LEGEND

- RBF REBAR FOUND (SIZE DESC.)
- CMF CONCRETE MONUMENT FOUND (SIZE DESC.)
- IPF IRON PIPE FOUND (SIZE DESC.)

Line Table			Line Table			Line Table		
Line #	Direction	Length	Line #	Direction	Length	Line #	Direction	Length
L36	S77°30'59"E	36.78	L47	S43°19'04"E	21.77	L58	N13°09'47"E	46.09
L37	S58°01'35"E	48.64	L48	S51°51'04"E	27.03	L59	N00°18'41"E	74.25
L38	N70°57'02"E	11.91	L49	S70°02'58"E	30.78	L60	N07°12'45"E	64.60
L39	S05°26'20"W	57.00	L50	S74°10'48"E	33.42	L61	N37°20'25"E	44.46
L40	S09°59'43"W	47.16	L51	S84°38'10"E	29.12	L62	N54°58'08"E	19.99
L41	S07°59'10"E	50.21	L52	N59°22'45"E	18.31	L63	S59°45'54"W	48.48
L42	S10°03'33"W	37.13	L53	N18°02'49"E	27.38	L151	S57°06'43"W	23.03
L43	S37°17'04"W	42.40	L54	N26°23'00"E	46.51	L152	S29°36'40"E	19.99
L44	N84°23'46"W	36.04	L55	N02°26'17"E	47.54	L153	N69°04'01"E	16.36
L45	N80°35'59"W	43.84	L56	N16°22'49"E	51.34			

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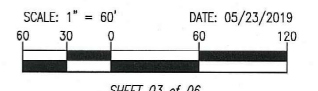


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Kevin Thewes 10-3-19
 SIGNATURE DATE

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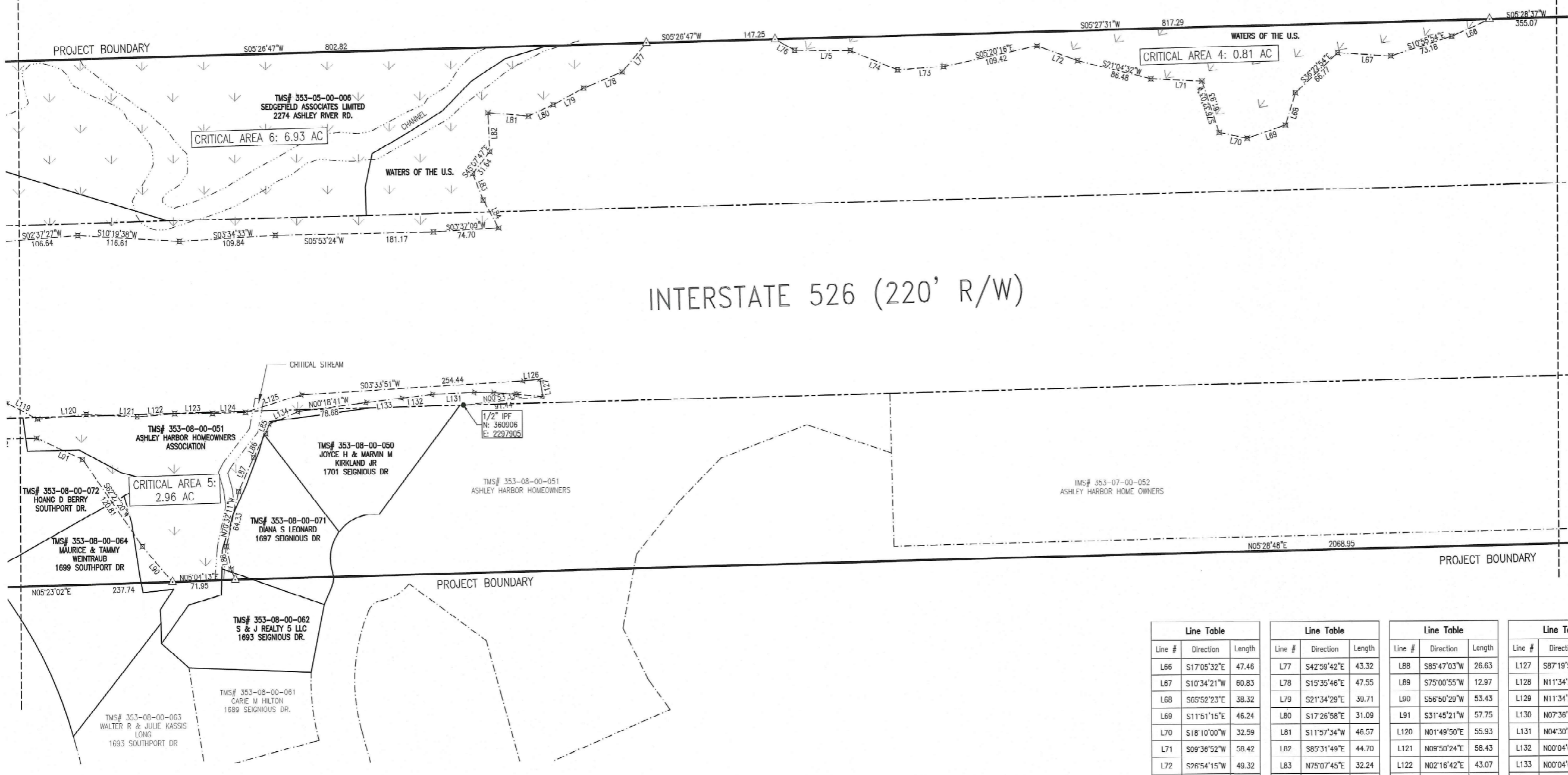
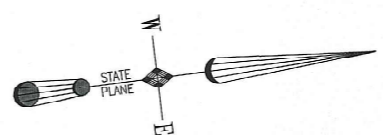
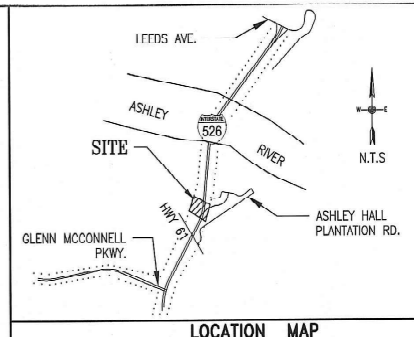
CRITICAL LINE PLAT
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 CRITICAL AREAS ALONG I-526 CORRIDOR
 INCLUDING
 CRITICAL AREAS 1 (2.15 AC), 2 (62.24 AC),
 3 (1.23 AC), 4 (0.81 AC), 5 (2.96 AC),
 6 (6.93 AC), AND 7 (0.36 AC)
 LOCATED
 CITY OF NORTH CHARLESTON
 AND
 CITY OF CHARLESTON
 CHARLESTON COUNTY, SOUTH CAROLINA
 D&F JOB #: 31667.00



SHEET 03 of 06
DAVIS & FLOYD, INC.
 POST OFFICE BOX 61599
 CHARLESTON, SC 29419
 PHONE (843) 554-8602
 KTHEWES@DAVISFLOYD.COM

SHEET 4
SHEET 5

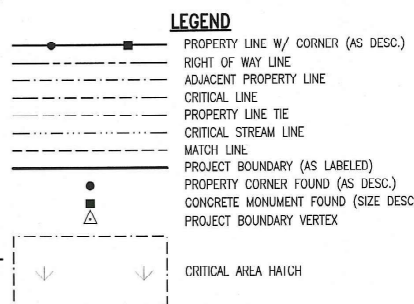
SHEET 3
SHEET 4



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		SCOTT ROAD PLANS #10.765 - 1983



Line Table			Line Table			Line Table			Line Table		
Line #	Direction	Length	Line #	Direction	Length	Line #	Direction	Length	Line #	Direction	Length
L66	S17°05'32"E	47.46	L77	S42°59'42"E	43.32	L88	S85°47'03"W	26.63	L127	S87°19'53"W	19.37
L67	S10°34'21"W	60.83	L78	S15°35'46"E	47.55	L89	S75°00'55"W	12.97	L128	N11°34'25"E	30.89
L68	S65°52'23"E	38.32	L79	S21°34'29"E	39.71	L90	S56°50'29"W	53.43	L129	N11°34'25"E	25.71
L69	S11°51'15"E	46.24	L80	S17°26'58"E	31.09	L91	S31°45'21"W	57.75	L130	N07°36'13"E	21.96
L70	S18°10'00"W	32.59	L81	S11°57'34"W	46.07	L120	N01°49'50"E	55.93	L131	N04°30'53"E	48.10
L71	S09°36'52"W	50.42	L82	S85°31'49"E	44.70	L121	N09°50'24"E	58.43	L132	N00°04'01"W	35.37
L72	S26°54'15"W	49.32	L83	N75°07'45"E	32.24	L122	N02°16'42"E	43.07	L133	N00°04'01"W	40.79
L73	S03°05'03"W	52.76	L84	N68°09'07"E	36.84	L123	N06°59'02"E	43.23	L134	N16°16'55"W	35.79
L74	S29°03'30"W	58.21	L85	N60°57'56"W	11.53	L124	N05°00'44"E	37.86			
L75	S07°23'11"W	63.71	L86	N56°25'25"W	30.59	L125	S10°08'45"E	67.07			
L76	S36°35'27"W	25.72	L87	N59°00'35"W	42.36	L126	S02°38'09"W	10.12			

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D&F JOB #: 31667.00



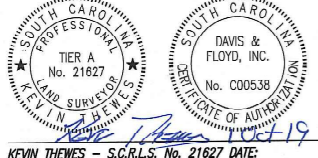
SHEET 04 of 06
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CHARLESTON, SC 29419
PHONE (843) 554-8802
KTHEWES@DAVISFLOYD.COM

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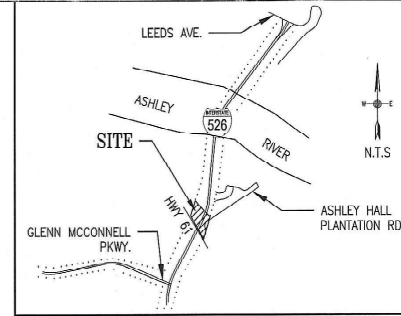
Kevin Thewes
SIGNATURE
10-3-19
DATE

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KEVIN THEWES - S.C.R.L.S. No. 21627 DATE: 10-3-19

Line Table			Line Table			Line Table		
Line #	Direction	Length	Line #	Direction	Length	Line #	Direction	Length
L92	S06°15'24"W	88.43	L104	S63°05'43"W	37.13	L116	N23°49'54"E	30.07
L93	N08°58'39"E	35.20	L105	S63°57'59"W	21.60	L117	N16°42'08"E	34.37
L94	N83°06'37"W	50.38	L106	N50°31'55"E	21.73	L118	N09°59'26"E	49.49
L95	S65°05'38"W	37.22	L107	N54°51'08"E	49.64	L119	N33°53'54"E	39.65
L96	N80°37'18"E	54.38	L108	N58°21'07"E	23.93	L135	N29°15'29"E	4.00
L97	N76°42'59"E	19.07	L109	S72°32'02"E	16.85	L136	S84°07'31"W	19.94
L98	N29°23'09"E	24.38	L110	S35°29'43"W	30.99	L137	N18°43'17"E	38.20
L99	N73°14'37"E	45.39	L111	S06°54'59"E	15.67	L138	N08°25'38"E	35.88
L100	N28°37'20"E	47.07	L112	N04°27'34"W	19.50	L139	N02°19'02"E	34.57
L101	N45°47'12"E	28.56	L113	N02°50'57"E	48.02			
L102	N61°58'26"E	35.84	L114	N28°12'19"E	27.40			
L103	N15°15'51"W	28.95	L115	N21°53'43"E	32.48			

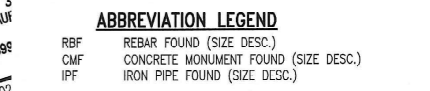
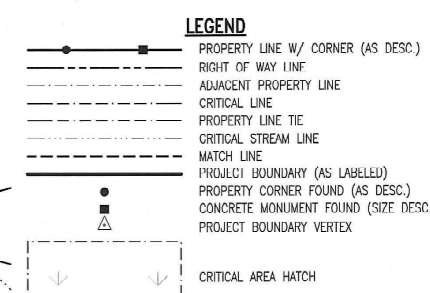


GENERAL NOTES:

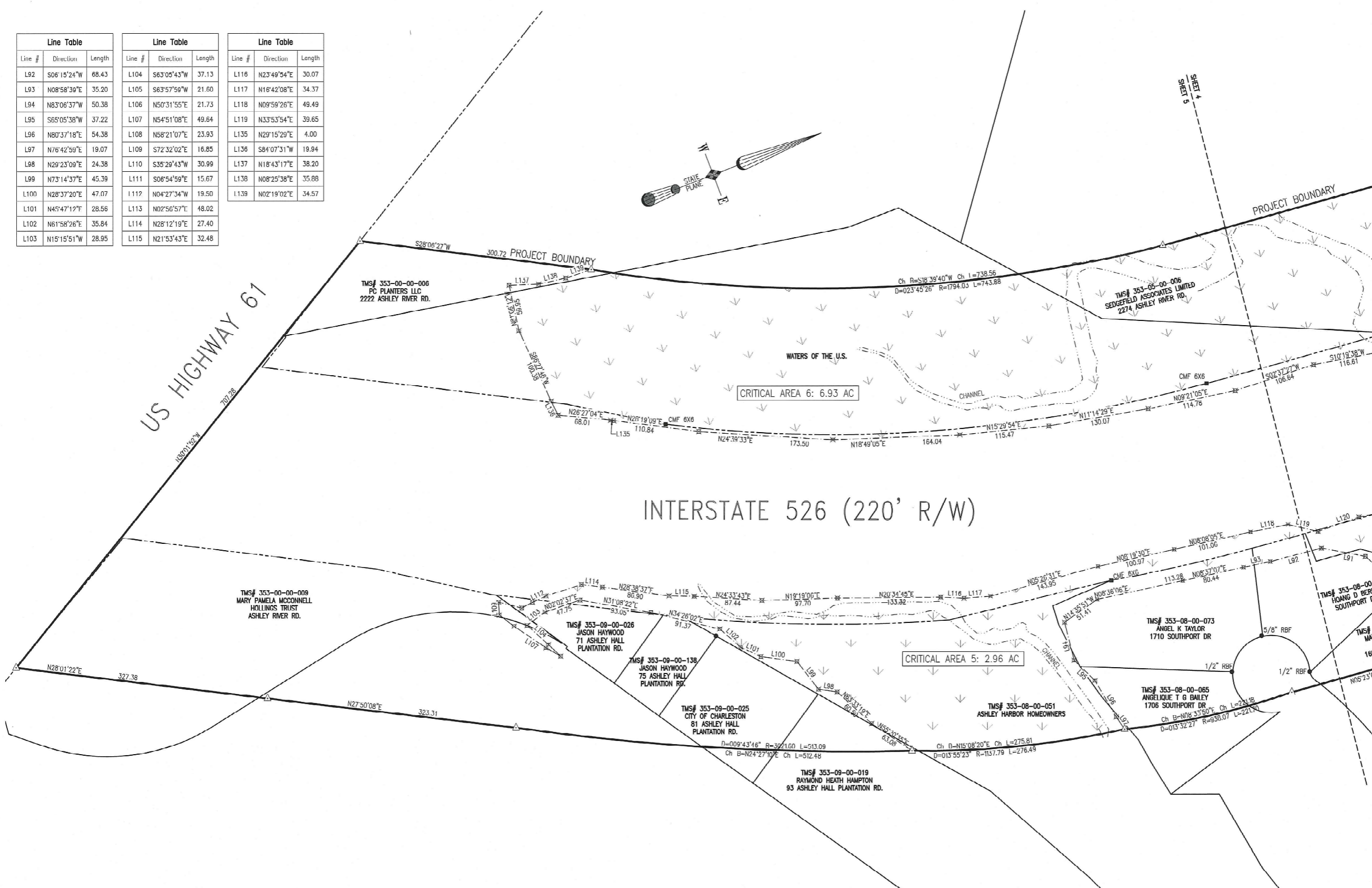
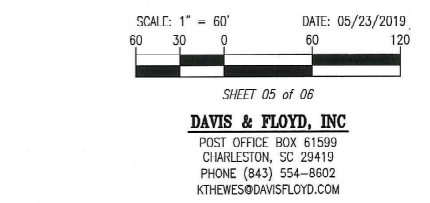
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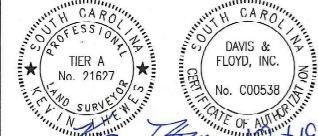
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	1983	SCOTT ROAD PLANS #10.765



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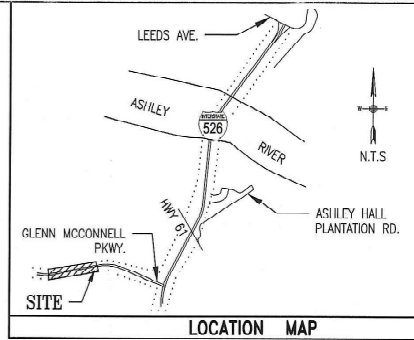


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L140	S75°24'25"W	49.15
L155	N68°58'42"W	6.10
L156	N87°42'06"W	57.10
L157	S75°50'43"W	37.96
L158	S60°21'11"E	28.62
L159	S25°55'08"E	11.79



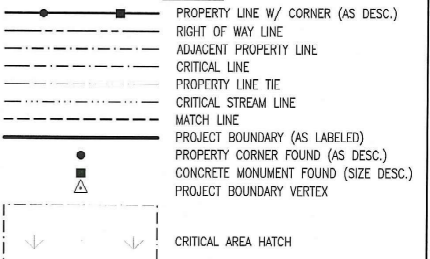
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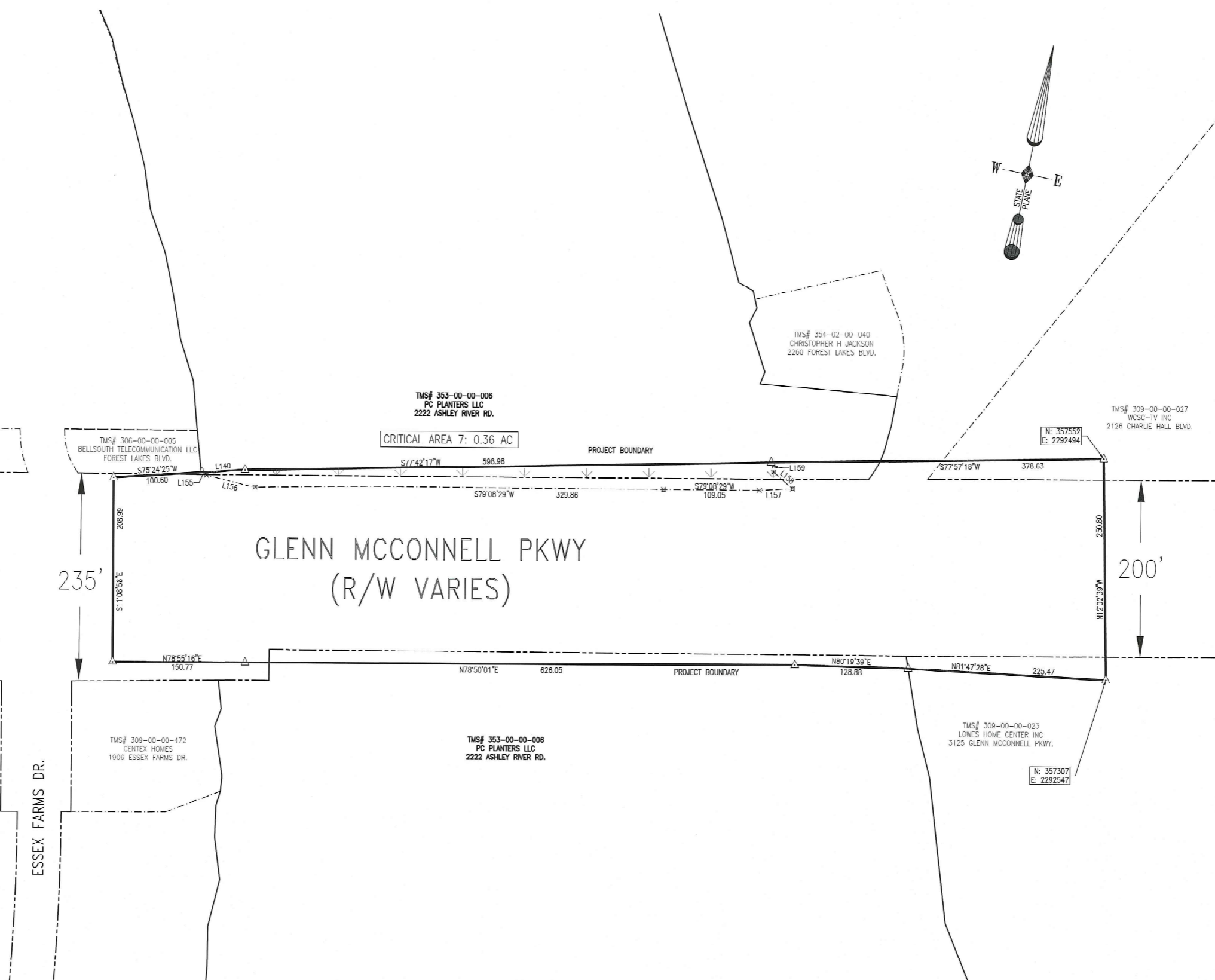
LEGEND



ABBREVIATION LEGEND

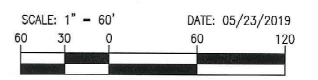
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CMF	CONCRETE MONUMENT FOUND (SIZE DESC.)
IPF	IRON PIPE FOUND (SIZE DESC.)

GLENN MCCONNELL PKWY
(R/W VARIES)



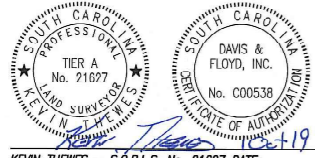
CRITICAL LINE PLAT

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SHALL 06 of 06
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KEVIN THEWES - S.C.R.L.S. No. 21627 DATE: 10-3-19

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Signature: [Handwritten Signature] DATE: 10-3-19
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CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	CHORD	
				DISTANCE	BEARING
C1	1137.68'	366.92'	18° 28' 43" (RT)	365.33'	N 74° 11' 41" E



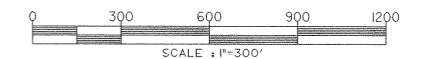
SC GRID - NAD 83

LINE	BEARING	DIST
B1	S 88° 38' 29" E	193.31'
B2	N 52° 38' 31" E	302.59'
B3	N 69° 12' 47" E	484.29'
B4	N 86° 43' 54" E	539.08'
B5	N 00° 18' 17" W	387.88'
B6	N 90° 00' 00" E	300.00'
B7	N 90° 00' 00" E	300.00'
B8	N 82° 01' 55" E	373.72'
B9	N 75° 21' 57" E	426.03'
B10	N 69° 25' 54" E	561.20'
B11	N 00° 59' 50" W	243.11'
B12	N 90° 00' 00" W	303.76'
B13	N 86° 14' 45" W	71.70'
B14	S 00° 45' 42" W	358.31'
B15	N 87° 30' 26" W	388.05'
B16	N 03° 57' 33" W	472.75'

CART = 38.96 ACRES
 TOTAL CRITICAL AREA = 38.96 ACRES
 TOTAL OUTSIDE CRITICAL AREA = 295J2 ACRES
 TOTAL STUDY BOUNDARY AREA = 334.08 ACRES

LEGEND

- STUDY AREA BOUNDARY
- CRITICAL LINE
- EDGE OF ROAD
- EDGE OF WATER
- RAILROAD TRACKS
- CRITICAL AREA



THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT (SODHEC OCRM) PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF SODHEC OCRM, SODHEC OCRM IN NO WAY WAIVES ITS RIGHT TO ASSERT PERMIT JURISDICTION AT ANY TIME IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY, WHETHER SHOWN HEREON OR NOT.

Cole Beebe 10-4-19
 SIGNATURE DATE
 The critical line shown on this plat is valid for five years from the date of this signature, subject to the cautionary language above.

SURVEYOR'S NOTES:

- THE PURPOSE OF THIS SURVEY IS TO LOCATE THE O.C.R.M. CRITICAL LINES AS FLAGGED BY OTHERS (SEE NOTE 1) AND RELATE IT TO THE STUDY AREA BOUNDARY AS SHOWN HEREON. ONLY THE CRITICAL LINES SHOWN WITH BEARINGS AND DISTANCES WERE SURVEYED AT THIS TIME. ALL OTHER INFORMATION IS SHOWN GRAPHICALLY AND IS FOR LOCATION INFORMATION ONLY.
- THE DISTANCES SHOWN ARE S.C. GRID DISTANCES. THE SCALE COMBINED SCALE FACTOR IS 0.99989508 TO REDUCE HORIZONTAL GROUND DISTANCES TO GRID DISTANCES.
- COORDINATES ARE S.C. STATE PLANE NAD83 (2011).

CERTIFICATIONS:

I HEREBY CERTIFY THAT THE PURPOSE OF THIS SURVEY IS TO LOCATE THE OCRM CRITICAL LINE AS FLAGGED BY OTHERS (SEE NOTE 1) AND RELATE IT TO THE STUDY AREA BOUNDARY AS SHOWN HEREON. ONLY THE CRITICAL LINES SHOWN WITH BEARINGS AND DISTANCES WERE SURVEYED AT THIS TIME. ALL OTHER INFORMATION IS SHOWN GRAPHICALLY AND IS FOR LOCATION INFORMATION ONLY.

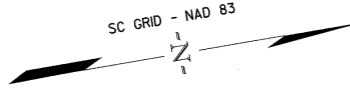
THE SURVEY SHOWN HEREON MEETS THE REQUIREMENTS OF A CLASS "B" SURVEY ACCURACY AS SPECIFIED IN THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA.

FOR ADDITIONAL CERTIFICATIONS AND COMMENTS SEE THE SURVEYOR'S NOTES STATED HEREON.

Cole Beebe
 Cole D. Beebe - South Carolina PLS • 31550

DWN.	C. Beebe			
CHK.	J. Hudson			
PLAT No.	1634	REV. NO.	DATE	BY
PROJECT No.	118296			
		PLAT OF CRITICAL LINE SURVEY FOR THE STUDY AREA BOUNDARY OF PROPOSED I-526 WEST PROJECT		
		PREPARED FOR O.C.R.M. / U.S.A.C.E. CHARLESTON COUNTY, SOUTH CAROLINA		
DATE	6/27/2019			
CADD FILE:				
SHEET	1	OF	3	

LINE	BEARING	DIST
C35	S 70° 12' 35" W	46.25'
C36	N 34° 40' 52" W	95.77'
C37	N 37° 04' 34" W	54.31'
C38	N 40° 50' 45" W	38.93'
C39	N 25° 51' 26" W	63.27'
C40	N 17° 27' 40" W	31.14'
C41	N 01° 39' 44" W	45.37'
C42	N 14° 45' 13" W	23.91'
C43	N 40° 09' 44" W	25.41'
C44	N 60° 59' 34" W	16.64'
C45	S 72° 34' 50" W	47.94'
C46	S 50° 40' 26" W	122.23'
C47	S 75° 20' 02" W	86.96'
C48	S 78° 03' 34" W	36.37'
C49	N 73° 46' 35" W	43.75'
C50	N 67° 11' 59" W	64.78'
C51	N 24° 08' 17" W	37.12'
C52	N 10° 42' 34" W	80.05'
C53	N 17° 05' 28" E	36.18'
C54	N 11° 29' 44" W	30.70'
C55	N 15° 18' 43" E	62.11'
C56	N 01° 25' 27" W	50.01'
C57	N 25° 12' 31" W	35.27'
C58	N 01° 10' 03" E	72.40'
C59	N 00° 34' 21" E	54.66'
C60	N 00° 02' 57" E	106.96'
C61	N 02° 34' 27" W	71.05'
C62	N 07° 50' 16" W	93.69'
C63	N 02° 16' 24" W	111.18'
C64	N 84° 54' 35" E	57.31'
C65	N 00° 30' 14" W	46.97'
C66	N 83° 32' 46" E	35.45'
C67	N 74° 16' 39" W	82.01'
C68	N 17° 43' 46" W	41.63'
C69	N 03° 35' 11" W	67.03'
C70	N 01° 46' 32" W	40.31'
C71	N 14° 16' 28" W	16.45'
C72	S 86° 33' 31" E	71.72'
C73	N 23° 09' 33" E	34.01'
C74	N 28° 27' 39" E	39.69'
C75	N 38° 27' 08" E	37.78'
C76	S 55° 25' 25" E	54.88'
C77	S 12° 21' 19" E	31.72'
C78	S 28° 35' 03" E	50.39'
C79	S 21° 26' 55" E	13.15'
C80	N 68° 30' 37" E	39.76'
C81	S 59° 08' 32" E	111'
C82	S 19° 20' 37" W	41.02'
C83	S 39° 51' 13" E	27.14'
C84	S 00° 07' 28" W	31.33'
C85	S 63° 23' 51" W	36.28'
C86	S 62° 54' 37" W	26.17'
C87	S 21° 38' 43" E	25.37'
C88	S 89° 40' 16" E	15.67'
C89	N 71° 15' 21" E	22.10'
C90	N 23° 52' 05" E	30.67'
C91	N 81° 58' 07" E	25.39'
C92	S 35° 17' 56" E	11.99'
C93	N 51° 44' 17" E	34.33'
C94	N 67° 00' 51" E	33.95'
C95	N 50° 02' 04" E	19.57'



LINE	BEARING	DIST
D1	S 07° 25' 47" E	48.78'
D2	S 41° 05' 14" E	48.88'
D3	S 34° 23' 28" E	47.12'
D4	S 38° 46' 16" E	31.61'
D5	S 17° 02' 36" E	80.04'

LEGEND

- STUDY AREA BOUNDARY
- CRITICAL LINE
- EDGE OF ROAD
- EDGE OF WATER
- CRITICAL AREA

0 50 100 150 200
SCALE: 1"=50'

THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT (SCDHEC OCRM) PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF SCDHEC OCRM, SCDHEC OCRM IN NO WAY WAIVES ITS RIGHT TO ASSERT PERMIT JURISDICTION AT ANY TIME IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY, WHETHER SHOWN HEREON OR NOT.

Josh Hahn 10-4-19
SIGNATURE DATE

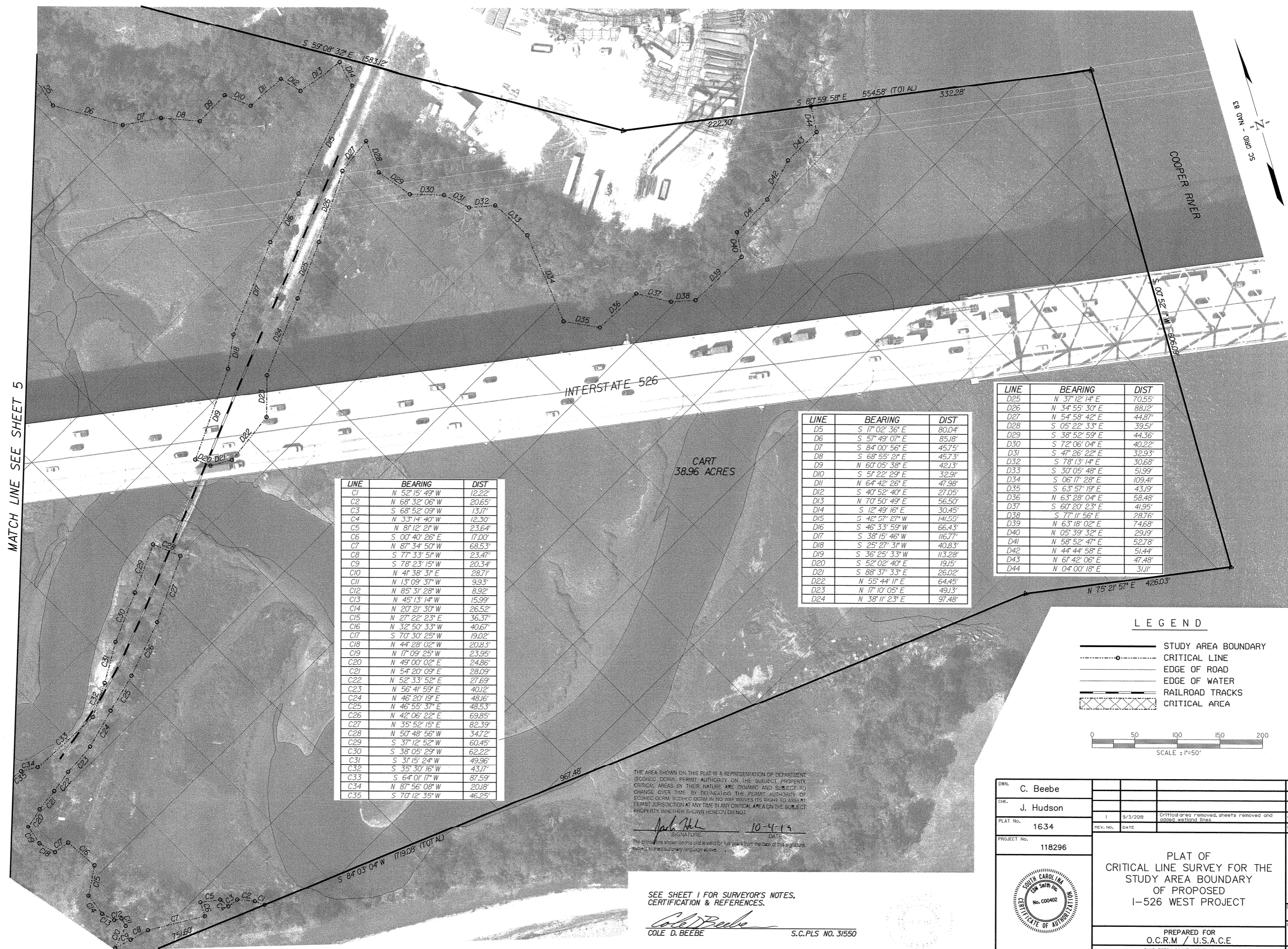
The critical line shown on this plat is valid for five years from the date of this signature, subject to the cautionary language above.

SEE SHEET 1 FOR SURVEYOR'S NOTES, CERTIFICATION & REFERENCES.

Cole D. Beebe
COLE D. BEEBE S.C. PLS. NO. 31550

OWN.	C. Beebe			
CHK.	J. Hudson			
PLAT No.	1634	REV. NO.	1	DATE
PROJECT No.	118296	DATE	9/3/2019	CRITICAL AREA REMOVED, SHEETS REMOVED AND ADDED WETLAND LINES
		BY	CB	APP.
		PLAT OF STUDY AREA BOUNDARY OF PROPOSED I-526 WEST PROJECT		
		1441 Main Street Suite 1000 Columbia, SC 29201 Tel: (803) 758-4900		
		DATE: 6/01/2019		
		CADD FILE: 6/01/2019 10:00 AM		
		SHEET 2 OF 3		

MATCH LINE SEE SHEET 5



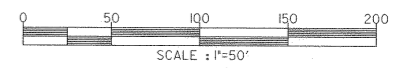
LINE	BEARING	DIST
C1	N 52° 15' 49" W	12.22'
C2	N 68° 32' 06" W	20.65'
C3	S 68° 52' 09" W	13.17'
C4	N 33° 14' 40" W	12.30'
C5	N 81° 12' 21" W	23.64'
C6	S 00° 40' 26" E	17.00'
C7	N 87° 34' 50" W	68.53'
C8	S 77° 33' 51" W	23.47'
C9	S 78° 23' 15" W	20.34'
C10	N 41° 38' 31" E	28.71'
C11	N 13° 09' 37" W	9.93'
C12	N 85° 31' 28" W	8.92'
C13	N 45° 13' 14" W	15.99'
C14	N 20° 21' 30" W	26.52'
C15	N 27° 22' 23" E	36.37'
C16	N 32° 50' 33" W	40.67'
C17	S 70° 30' 25" W	19.02'
C18	N 44° 28' 02" W	20.85'
C19	N 17° 09' 25" W	23.95'
C20	N 49° 00' 02" E	24.86'
C21	N 54° 20' 09" E	28.09'
C22	N 52° 33' 52" E	27.69'
C23	N 56° 41' 59" E	40.12'
C24	N 46° 20' 19" E	48.16'
C25	N 46° 55' 37" E	48.53'
C26	N 42° 06' 22" E	69.85'
C27	N 35° 52' 15" E	82.39'
C28	N 50° 48' 56" W	34.72'
C29	S 37° 12' 52" W	60.45'
C30	S 38° 05' 29" W	62.22'
C31	S 37° 15' 24" W	49.96'
C32	S 35° 30' 16" W	43.17'
C33	S 64° 01' 17" W	87.59'
C34	N 87° 56' 08" W	20.18'
C35	S 70° 12' 35" W	46.25'

LINE	BEARING	DIST
D5	S 17° 02' 36" E	80.04'
D6	S 57° 49' 07" E	85.18'
D7	S 84° 00' 56" E	45.75'
D8	S 68° 55' 21" E	45.73'
D9	N 60° 05' 38" E	42.13'
D10	S 51° 22' 29" E	32.91'
D11	N 64° 42' 26" E	47.98'
D12	S 40° 52' 40" E	27.05'
D13	N 70° 50' 49" E	56.50'
D14	S 12° 49' 16" E	30.45'
D15	S 42° 57' 27" W	141.55'
D16	S 46° 33' 59" W	66.43'
D17	S 38° 15' 46" W	116.77'
D18	S 25° 27' 31" W	40.83'
D19	S 36° 25' 33" W	113.28'
D20	S 52° 02' 40" E	19.15'
D21	S 88° 37' 33" E	26.02'
D22	N 55° 44' 11" E	64.45'
D23	N 17° 10' 05" E	49.13'
D24	N 38° 11' 23" E	97.48'

LINE	BEARING	DIST
D25	N 37° 12' 14" E	70.55'
D26	N 34° 55' 30" E	88.12'
D27	N 54° 58' 42" E	44.87'
D28	S 05° 22' 33" E	39.51'
D29	S 38° 52' 59" E	44.36'
D30	S 72° 06' 04" E	40.22'
D31	S 47° 26' 22" E	32.93'
D32	S 78° 13' 14" E	30.68'
D33	S 30° 05' 48" E	51.99'
D34	S 06° 17' 28" E	109.41'
D35	S 63° 57' 19" E	43.19'
D36	N 63° 28' 04" E	58.48'
D37	S 60° 20' 23" E	41.95'
D38	S 77° 11' 56" E	28.76'
D39	N 63° 18' 02" E	74.68'
D40	N 05° 39' 32" E	29.19'
D41	N 58° 52' 47" E	52.78'
D42	N 44° 44' 58" E	51.44'
D43	N 61° 42' 06" E	47.48'
D44	N 04° 00' 18" E	31.11'

LEGEND

- STUDY AREA BOUNDARY
- CRITICAL LINE
- EDGE OF ROAD
- EDGE OF WATER
- RAILROAD TRACKS
- CRITICAL AREA



THE AREA SHOWN ON THIS PLAT IS A REPRESENTATION OF DEPARTMENT (SCDHEC/OCRM) PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY DELINEATING THE PERMIT AUTHORITY OF SCDHEC/OCRM/SCDHEC/OCRM IN NO WAY WAIVES ITS RIGHT TO ASSESS PERMIT JURISDICTION AT ANY TIME IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY WHETHER SHOWN HEREON OR NOT.

John H. Beebe 10-4-19
 SIGNATURE DATE

The critical areas shown on this plat are valid for five years from the date of this signature, subject to the customary language above.

SEE SHEET 1 FOR SURVEYOR'S NOTES, CERTIFICATION & REFERENCES.

Cole D. Beebe
 COLE D. BEEBE S.C.PLS. NO. 31550

DRN.	C. Beebe			
CRK.	J. Hudson			
PLAT No.	1634	REV. NO.	DATE	3/3/2009
PROJECT No.	118296			
		PLAT OF CRITICAL LINE SURVEY FOR THE STUDY AREA BOUNDARY OF PROPOSED I-526 WEST PROJECT		
		PREPARED FOR O.C.R.M. / U.S.A.C.E.		
		1441 Main Street Suite 1000 Columbia, SC 29201 Tel: (803) 798-4500		
		DATE: 6/01/2019		
		CADD FILE: 6/1/2009 10:58:14 AM OSM OCRM WESTLAND PLAT OSM PLAT SHEET 3/16/2009		
		SHEET 3 OF 3		