



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT
600 VESTAVIA PARKWAY, SUITE 203
THE SHELBY BUILDING
VESTAVIA HILLS, ALABAMA 35216

CESAM-RD-N
PUBLIC NOTICE NO. SAM-2023-01169-LML

February 5, 2024

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS

STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**PROPOSED DISCHARGE OF FILL MATERIAL INTO WATERS OF THE U.S.
ASSOCIATED WITH WIDENING OLD TUSCALOOSA HIGHWAY, JEFFERSON
COUNTY, ALABAMA**

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344). Please communicate this information to interested parties.

APPLICANT: Jefferson County Department of Roads & Transportation
Attention: Ms. Wendy Shelby, Deputy Director
716 Richard Arrington Jr. Boulevard North, Suite A-200
Birmingham, Alabama 35203

AGENT: TTL, Inc.
Attention: Mr. Chris Terrell
2743-B Gunter Park Drive West
Montgomery, Alabama 36109
cterrell@ttlusa.com

LOCATION: The proposed project consists of two locations along Old Tuscaloosa Highway, McCalla, Jefferson County, Alabama. Specifically, the project is located within Sections 10, 11, 15, 16, 20, and 21, Township 20 South, Range 5 West. The center of the northern roadway section is located near latitude 33.30880 and longitude -87.04622, and the center of the southern roadway section is located near latitude 33.28726 and longitude -87.07141, as shown in the attached maps.

PROJECT PURPOSE: The basic project purpose is transportation.

WORK: The applicant is requesting authorization to discharge fill material into 1.4 acres of wetlands and 491 linear feet (0.074 acre) of stream in association with the widening of two (2) sections of the existing Old Tuscaloosa Highway. The northern and southern sections each consist of approximately 1.35 miles (2.7-miles total).

Specifically, the applicant proposes to discharge fill material into 1.4 acres within five (5) wetlands (WA, WC, WD, WE, WF) that will include filling, grading, and mechanized land clearing. Additionally, the applicant is proposing to impact six (6) streams (S-1, S-5, S-6, S-7, S-8, S-9), with placement of 379 cubic yards of fill material into 352 linear feet (0.072 acre) of streams and 139 linear feet (0.002 acre) of culvert extensions (Figure 1).

Feature	Impacted Length (LF) / Area (AC)	Fill Volume (cubic yards)	Fill Type	Fill Purpose
WA	0.001 AC	10	Structural Fill	Roadway Construction/Widening
WC	0.181 AC	750	Structural Fill	Roadway Construction/Widening
WD	0.133 AC	600	Structural Fill	Roadway Construction/Widening
WE	1.097 AC	1,800	Structural Fill	Roadway Construction/Widening
WF	0.003 AC	15	Structural Fill	Roadway Construction/Widening
S-1	58 LF	–	Culvert Extension	Roadway Construction/Widening
	8 LF / 0.034 AC	45	Rip-Rap	Channel Stabilization
S-5	54 LF	–	Culvert Extension	Roadway Construction/Widening
	70 LF / 0.017 AC	74	Rip-Rap	Channel Stabilization
S-6	180 LF / 0.016 AC	150	Structural Fill	Roadway Construction/Widening
S-7	39 LF / 0.002 AC	35	Structural Fill	Roadway Construction/Widening
S-8	36 LF / 0.002 AC	40	Structural Fill	Roadway Construction/Widening
S-9	27 LF	–	Culvert Extension	Roadway Construction/Widening
	19 LF / 0.003 AC	35	Rip-Rap	Channel Stabilization

Figure 1. Summary of Impacts to Waters of the U.S.

AVOIDANCE & MINIMIZATION: The preferred alternative was designed to include the least amount of right-of-way (ROW) necessary to meet the minimum requirements of the project which results in lower aquatic resource impacts. Additional minimization efforts include implementation of best management practices during and after construction to prevent negative impacts to adjacent aquatic features. The U.S. Army Corps of Engineers (USACE) has not verified the adequacy of the applicant's avoidance and minimization efforts at this time.

COMPENSATORY MITIGATION: The applicant proposes to purchase wetland credits from an approved mitigation bank.

The applicant will apply for certification from the State of Alabama in accordance with Section 401(a) (1) of the Clean Water Act. Upon completion of the required advertising

and public comment review, a determination relative to water quality certification will be made by the Alabama Department of Environmental Management.

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the USACE can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and use of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production, and in general, the needs and welfare of the people.

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

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. The USACE has not made a determination of effects to historic properties at this time. We are seeking comment from the State Historic Preservation Officer, federally recognized American Indian tribes, local historical societies, museums,

universities, the National Park Service, and the general public regarding the existence or the potential for existence of significant cultural and historic properties which may be affected by the work. Further coordination with the State Historic Preservation Officer and/or federally recognized American Indian tribes will be performed as determined to be appropriate.

ENDANGERED/THREATENED SPECIES: Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Species indicates the following species have the potential to occur in the project watershed: Gray Bat, Indiana Bat, Northern Long-eared Bat, Tricolored Bat, Alligator Snapping Turtle, Flattened Musk Turtle, Orangenacre Mucket, Ovate Clubshell, Southern Clubshell, Alabama Moccasinshell, Finelined Pocketbook, Triangular Kidneyshell, Upland Combshell, Cahaba Shiner, Goldline Darter, Watercress Darter, Round Rocksnail, Black Warrior Waterdog, Monarch Butterfly, Gentian Pinkroot, Mohr's Barbara's Buttons, and Tennessee Yellow-eyed Grass. An effects determination will be made during the evaluation process, at which time the USACE will initiate consultation with the United States Fish and Wildlife Service (USFWS), as appropriate. Copies of this public notice are being sent to the USFWS and other federal and state agencies for review and receipt of any relevant comments regarding potential effects of the proposed project on the listed species.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2023-01169-LML** and should be directed to the District Engineer, U.S. Army Corps of Engineers Mobile District, Birmingham Field Office, Attention: **Lacey Leaptrott**, 600 Vestavia Parkway, Suite 203, Vestavia Hills, Alabama 35216, with a copy to the Alabama Department of Environmental Management, Field Operations Division, Office of Field Services, Attention: Mr. Ryan Cooper, Post Office Box 301463, Montgomery, Alabama 36130-1463. Comments may also be submitted via e-mail to USACE at **Lacey.M.Leaptrott@usace.army.mil** and to ADEM at **fieldmail@adem.alabama.gov**.

Comments should be received no later than **30 days** from the date of this Public Notice. If you have any questions concerning this publication, you may contact the project manager via e-mail at **Lacey.M.leaptrott@usace.army.mil** or telephone number **(251) 490-5106**. Please refer to the above Public Notice number.

For additional information about our Regulatory Program, please visit our web site at <http://www.sam.usace.army.mil/Missions/Regulatory.aspx>.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Attachments

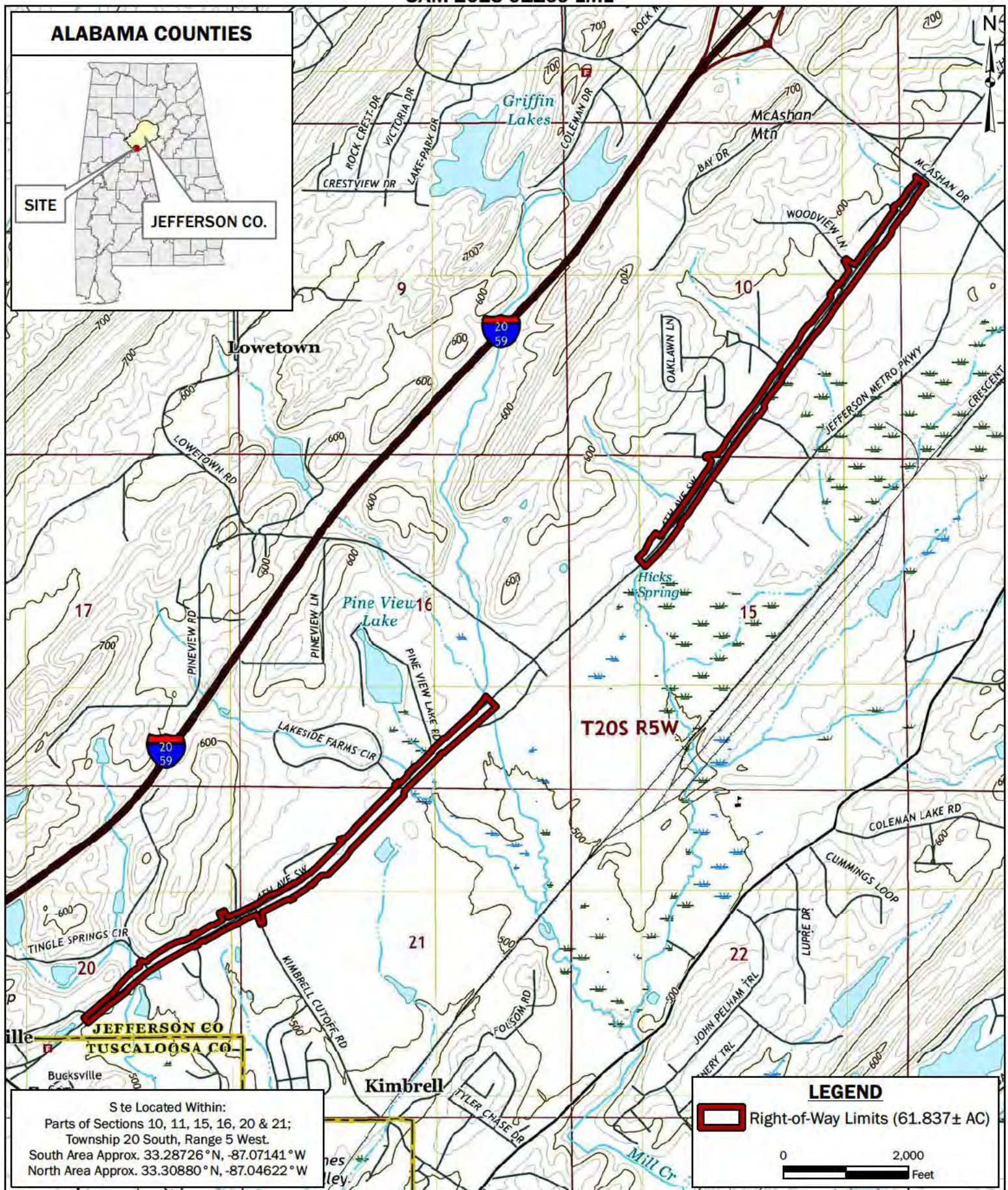


FIGURE 1: SITE LOCATION & TOPOGRAPHIC MAP
 OLD TUSCALOOSA HIGHWAY WIDENING PROJECT
 INDIVIDUAL PERMIT
 JEFFERSON COUNTY, ALABAMA

BASEMAP: McCalla, Alabama, USGS 7.5 Minute Quadrangle Map, 2018 (20-ft Contour Interval).

DRAWN BY: DEK
 CHECKED BY: BHG
 DRAWING DATE: 5/24/2023
 REVISION DATE: 9/11/2023
 TTL JOB NO.: 22-11-01253.00
 APPROX. SCALE: 1 in = 2,000 ft



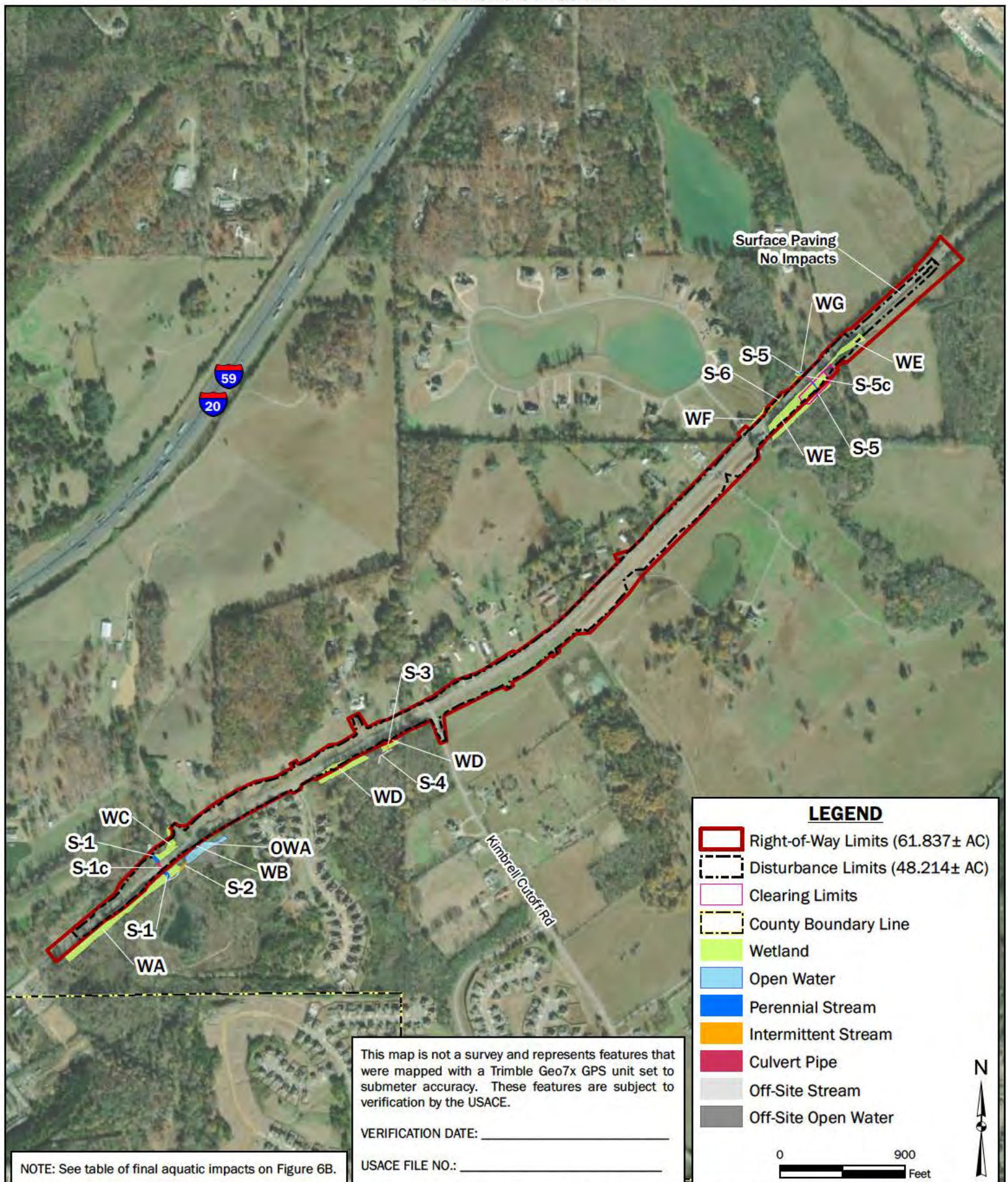


FIGURE 6A: ALTERNATIVE #4 (PREFERRED) IMPACTS MAP
 OLD TUSCALOOSA HIGHWAY WIDENING PROJECT
 INDIVIDUAL PERMIT
 JEFFERSON COUNTY, ALABAMA

BASEMAP: Maxar Technologies, Vivid Advanced Imagery, 11/30/2022 (0.31 m Resolution).

DRAWN BY: DEK
CHECKED BY: BHG
DRAWING DATE: 9/11/2023
REVISION DATE: N/A
TTL JOB NO.: 22-11-01253.00
APPROX. SCALE: 1 in = 900 ft

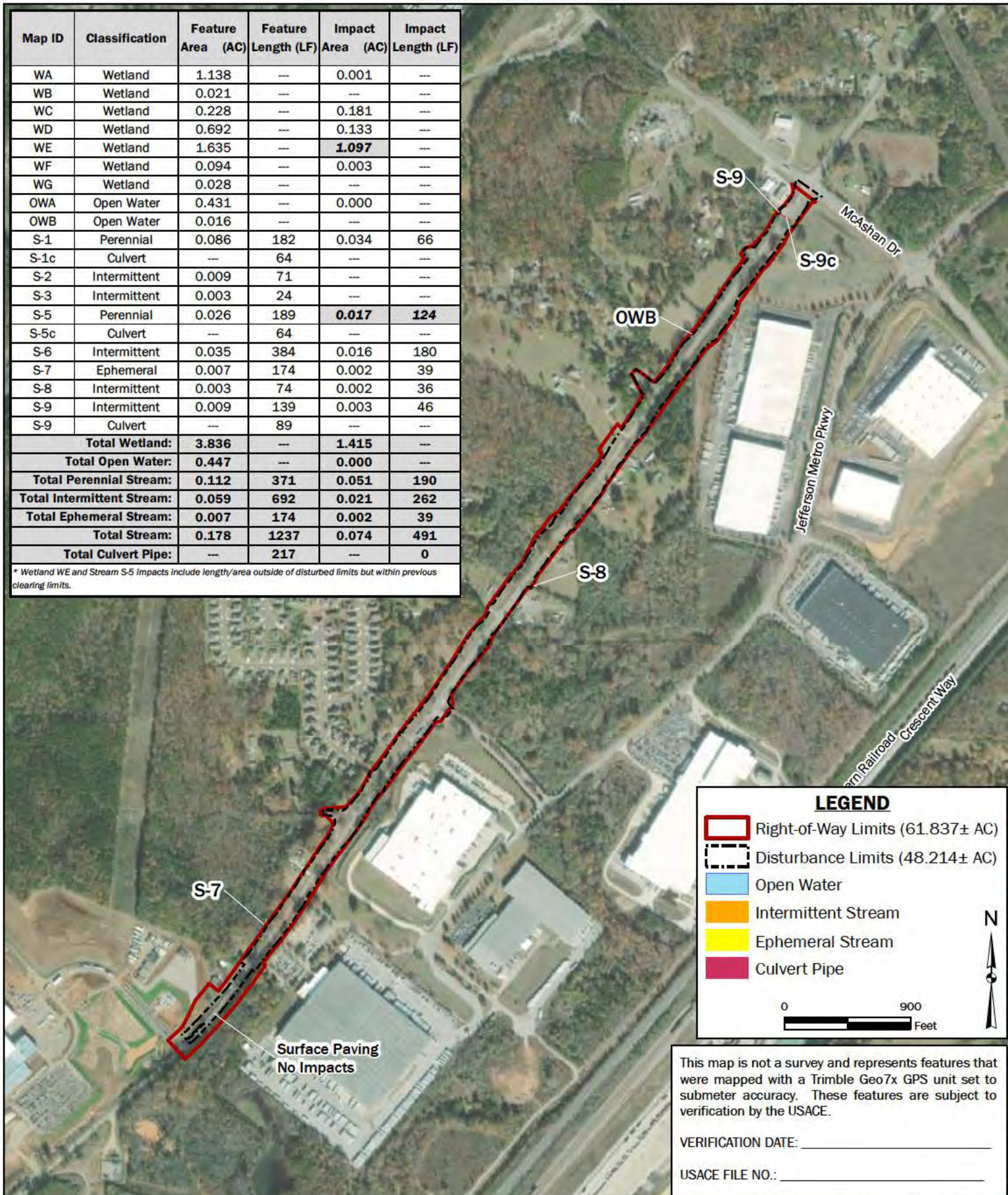


FIGURE 6B: ALTERNATIVE #4 (PREFERRED) IMPACTS MAP
 OLD TUSCALOOSA HIGHWAY WIDENING PROJECT
 INDIVIDUAL PERMIT
 JEFFERSON COUNTY, ALABAMA

BASEMAP: Maxar Technologies, Vivid Advanced Imagery, 11/30/2022 (0.31 m Resolution).

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CHECKED BY: BHG

DRAWING DATE: 9/11/2023

REVISION DATE: 11/20/2023

TTL JOB NO.: 22-11-01253.00

APPROX. SCALE: 1 in = 900 ft

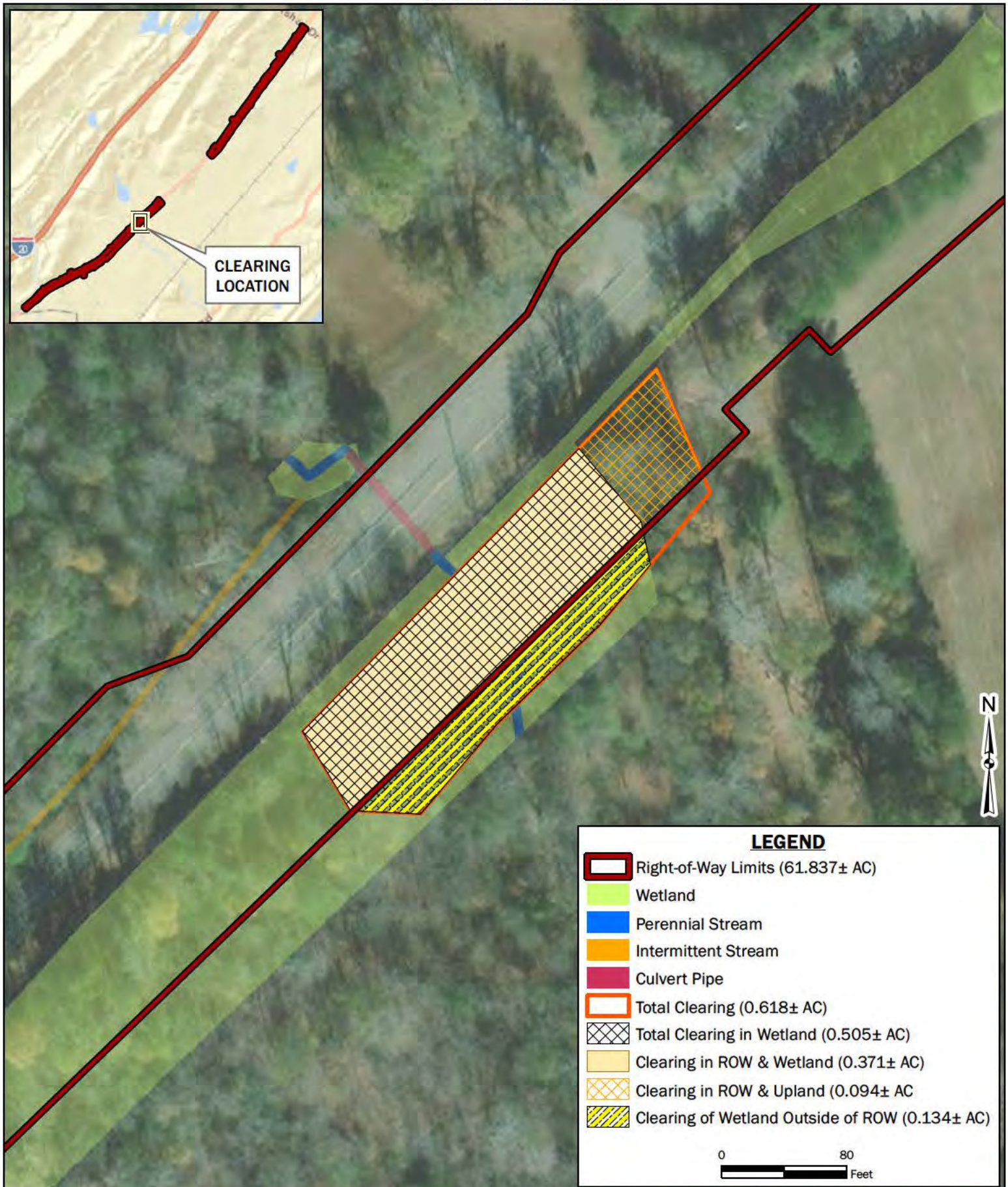


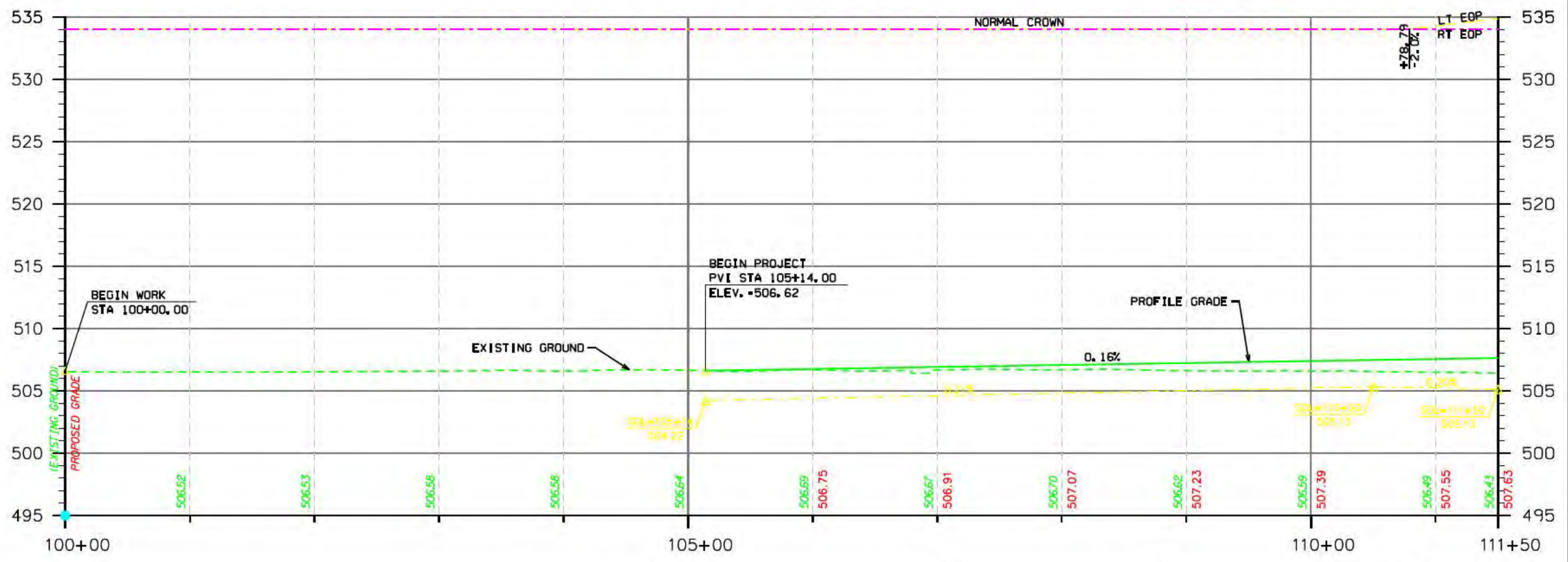
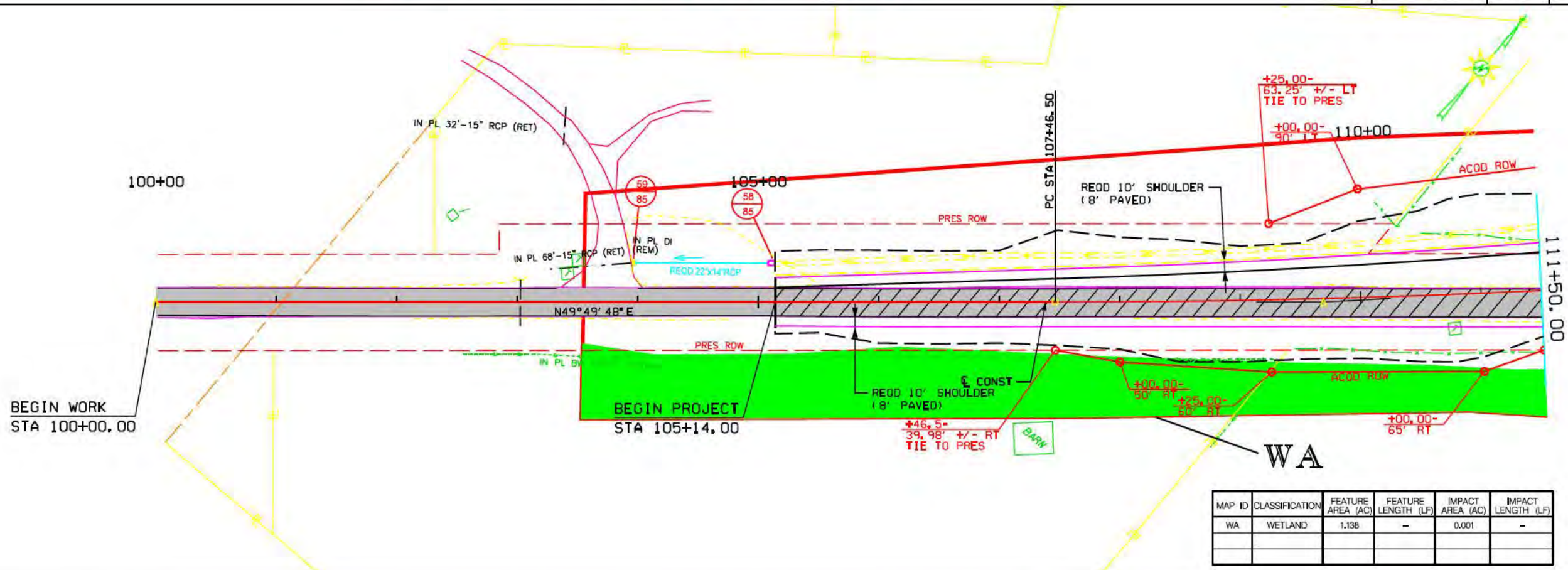
FIGURE 7: LIMITS OF MECHANIZED CLEARING MAP
 OLD TUSCALOOSA HIGHWAY WIDENING PROJECT
 INDIVIDUAL PERMIT
 JEFFERSON COUNTY, ALABAMA

BASEMAP: Maxar Technologies, Vivid Advanced Imagery, 11/30/2022 (0.31 m Resolution).

DRAWN BY: DEK
CHECKED BY: BHG
DRAWING DATE: 5/24/2023
REVISION DATE: 9/11/2023
TTL JOB NO.: 22-11-01253.00
APPROX. SCALE: 1 in = 80 ft

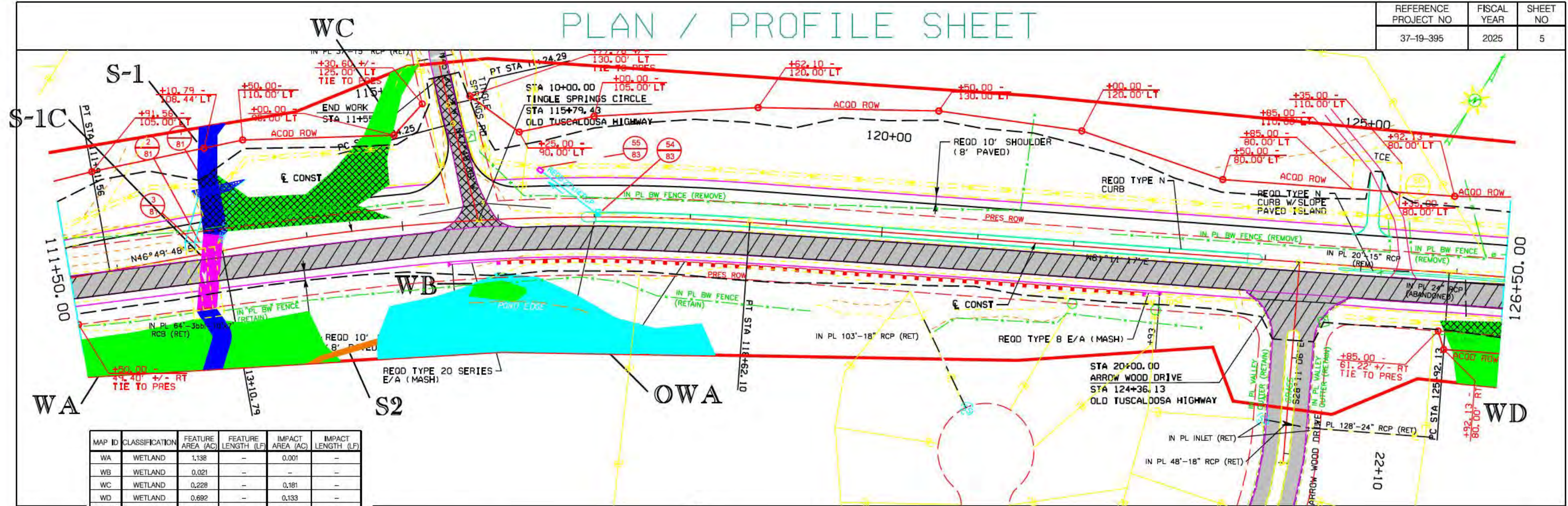
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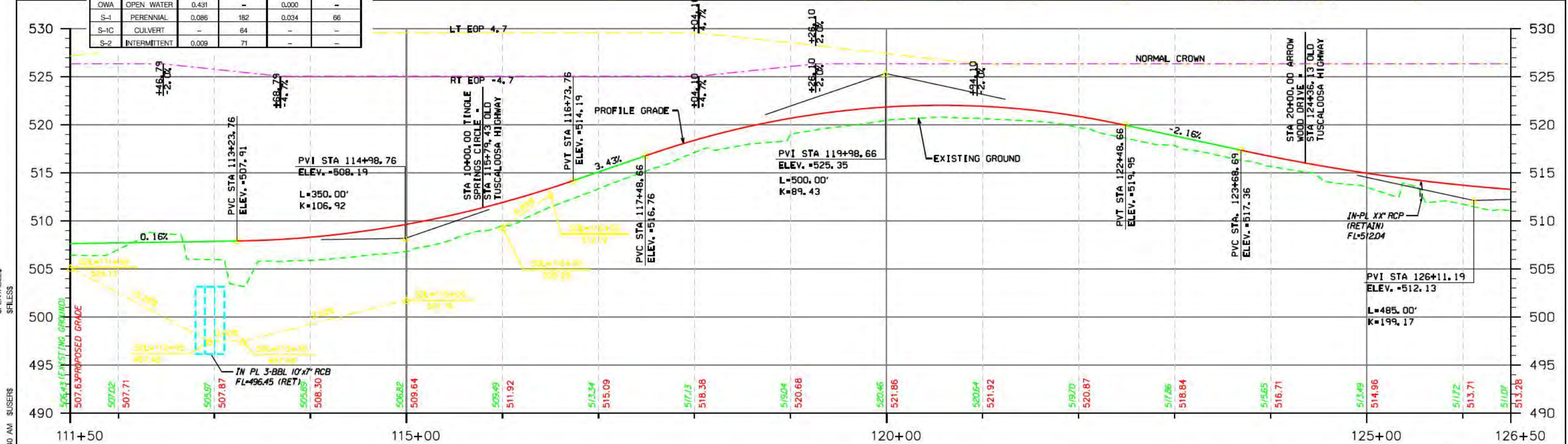


PLAN / PROFILE SHEET

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WA	WETLAND	1.138	-	0.001	-
WB	WETLAND	0.021	-	-	-
WC	WETLAND	0.228	-	0.181	-
WD	WETLAND	0.692	-	0.133	-
OWA	OPEN WATER	0.431	-	0.000	-
S-1	PERENNIAL	0.086	182	0.034	66
S-1C	CULVERT	-	64	-	-
S-2	INTERMITTENT	0.009	71	-	-



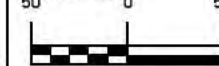
SAM-2023-01169-LML

PLAN SUBMITTAL



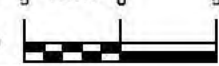
JEFFERSON COUNTY COMMISSION

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SCALE (FEET)

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SHEET TITLE

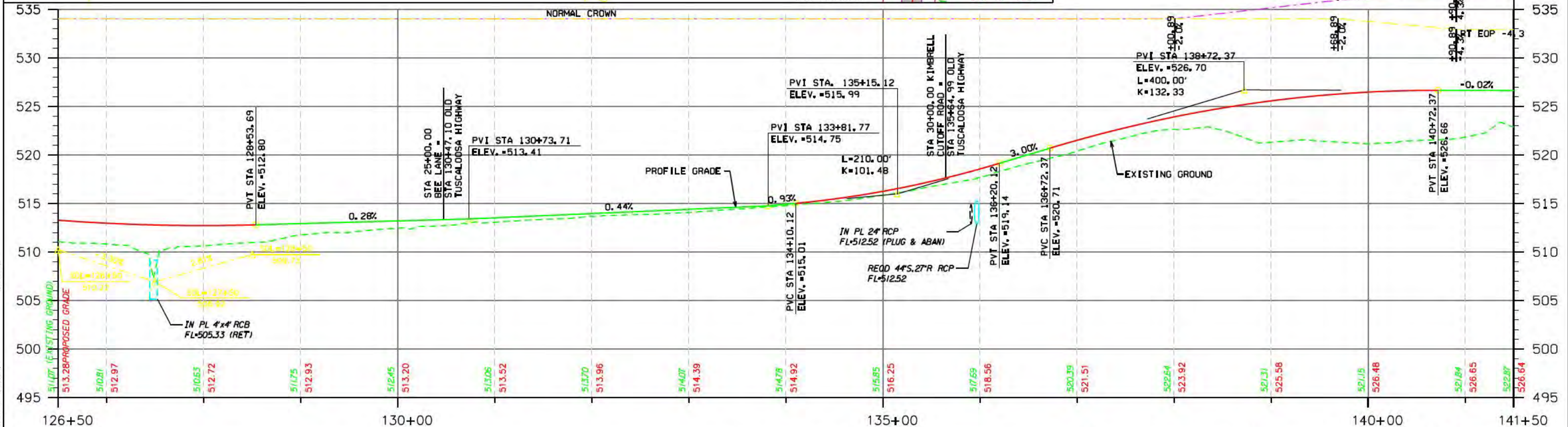
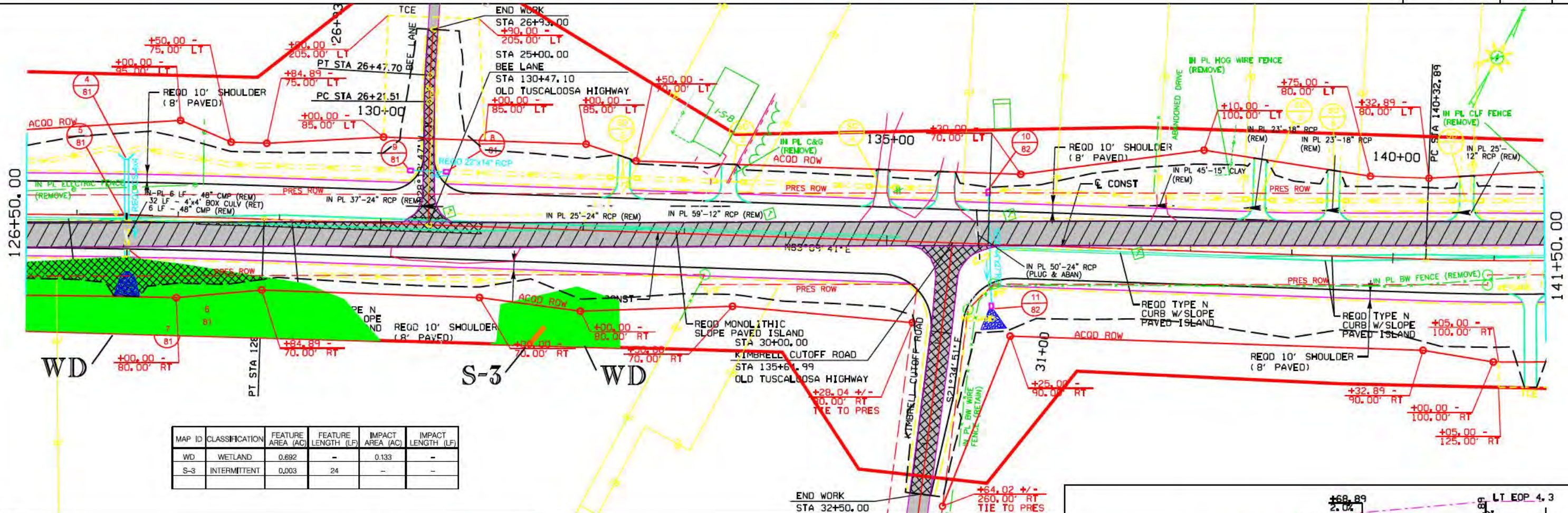
PLAN / PROFILE SHEET
STA 111+50 TO STA 126+50

ROUTE

OLD TUSCALOOSA HIGHWAY

PLAN / PROFILE SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
37-19-395	2025	6

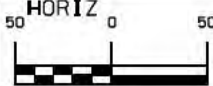


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PLAN SUBMITTAL



JEFFERSON COUNTY COMMISSION

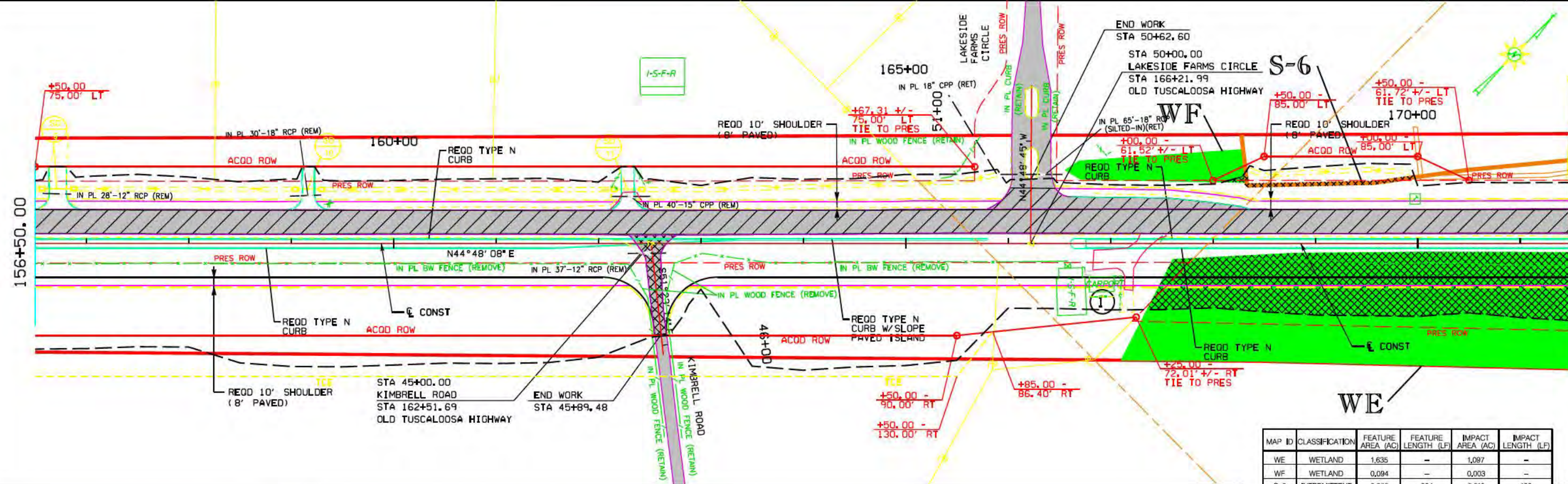


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STA 126+50 TO STA 141+50

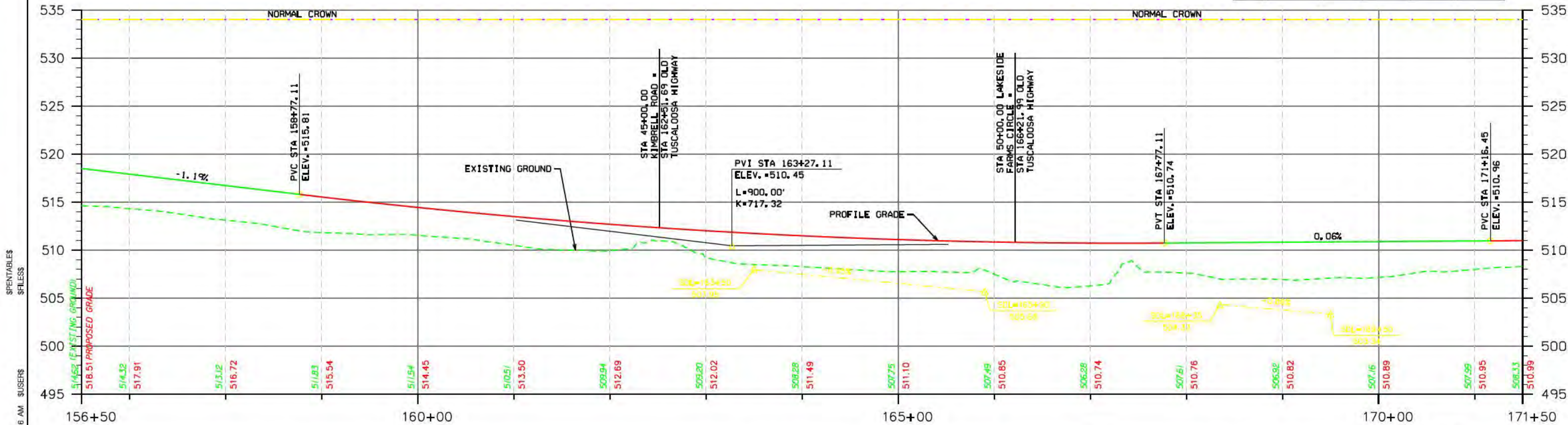
ROUTE
OLD TUSCALOOSA HIGHWAY

PLAN / PROFILE SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
37-19-395	2025	8



MAP ID	CLASSIFICATION	FEATURE AREA (AC)	FEATURE LENGTH (LF)	IMPACT AREA (AC)	IMPACT LENGTH (LF)
WE	WETLAND	1.635	-	1.097	-
WF	WETLAND	0.094	-	0.003	-
S-6	INTERMITTENT	0.035	384	0.016	180



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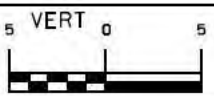
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JEFFERSON COUNTY COMMISSION



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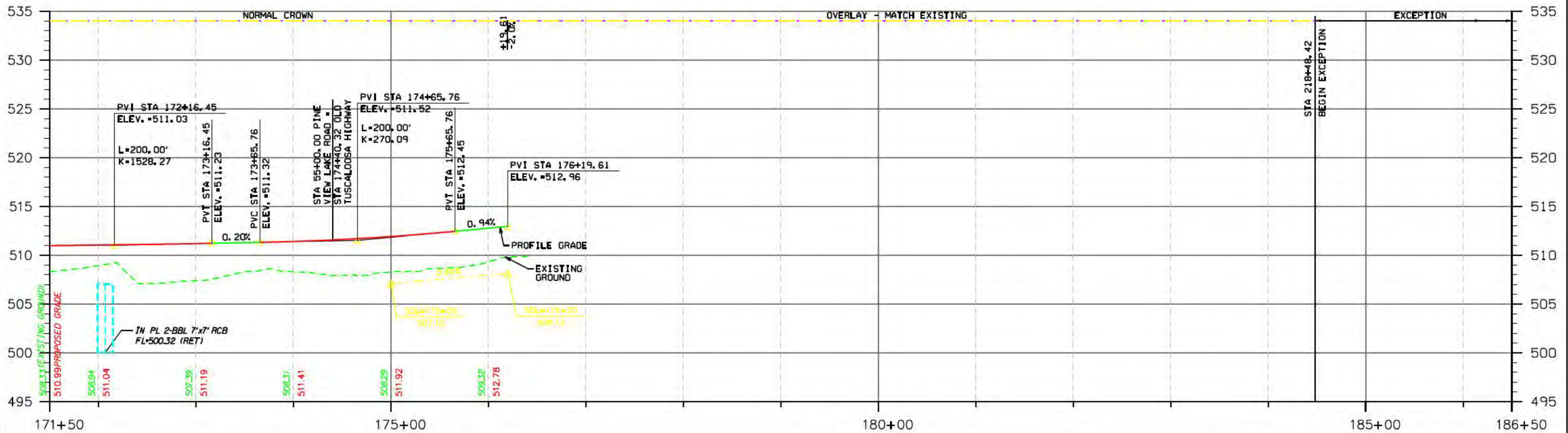
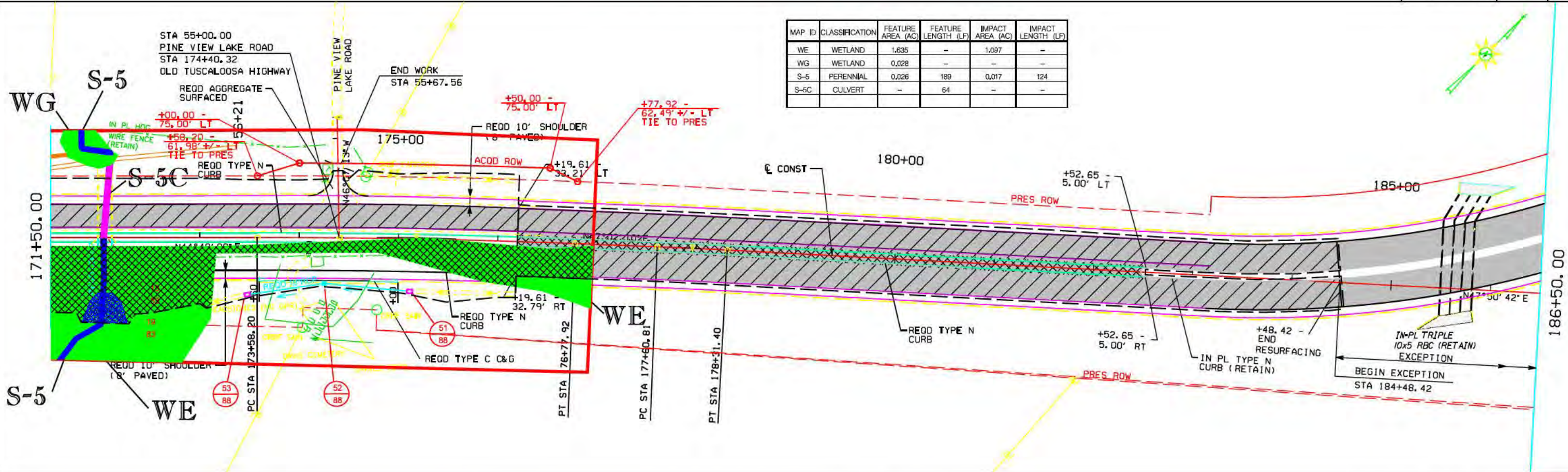


SHEET TITLE
PLAN / PROFILE SHEET
STA 156+50 TO STA 171+50

ROUTE
OLD TUSCALOOSA HIGHWAY

PLAN / PROFILE SHEET

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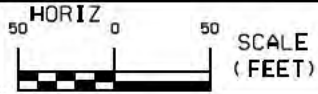


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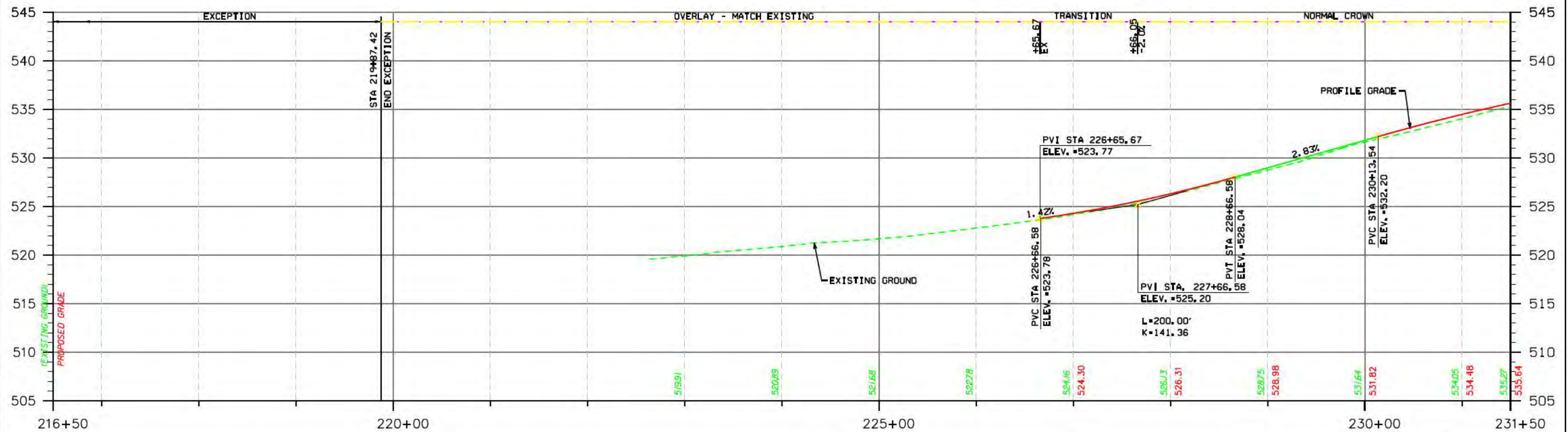
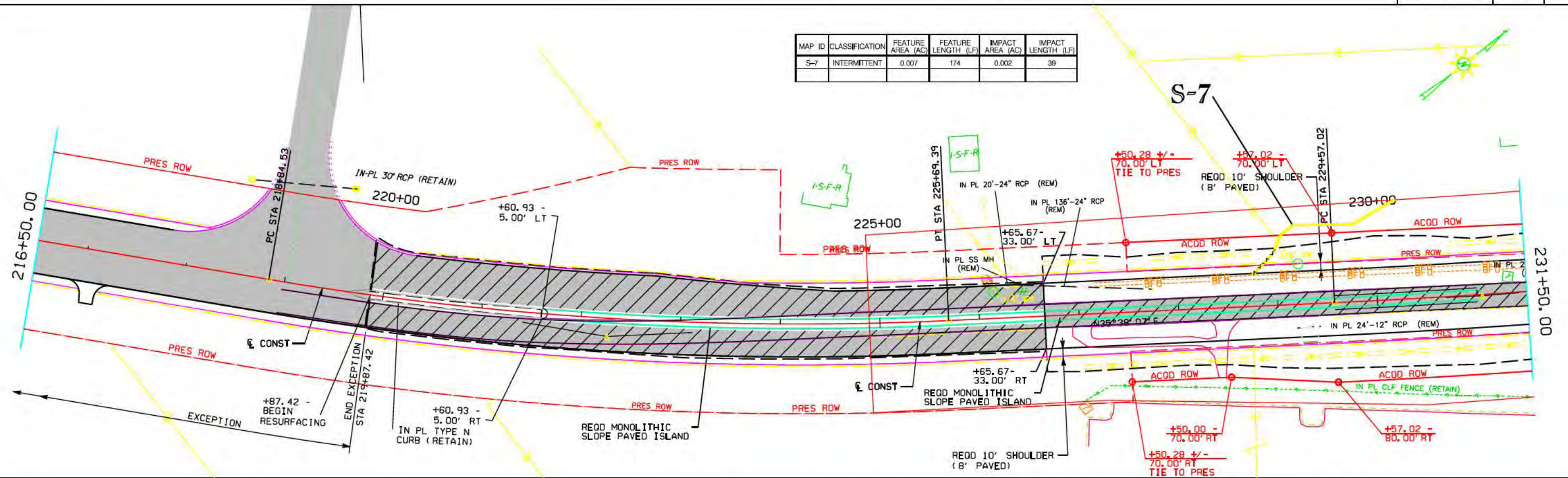
JEFFERSON COUNTY COMMISSION



SHEET TITLE	ROUTE
PLAN / PROFILE SHEET STA 171+50 TO STA 186+50	OLD TUSCALOOSA HIGHWAY

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
37-19-395	2025	12

MAP ID	CLASSIFICATION	FEATURE AREA (AC)	FEATURE LENGTH (LF)	IMPACT AREA (AC)	IMPACT LENGTH (LF)
S-7	INTERMITTENT	0.007	174	0.002	39



SAM-2023-01169-LML

PLAN SUBMITTAL



**JEFFERSON COUNTY
COMMISSION**



SHEET TITLE

PLAN / PROFILE SHEET STA 216+50 TO STA 231+50	T
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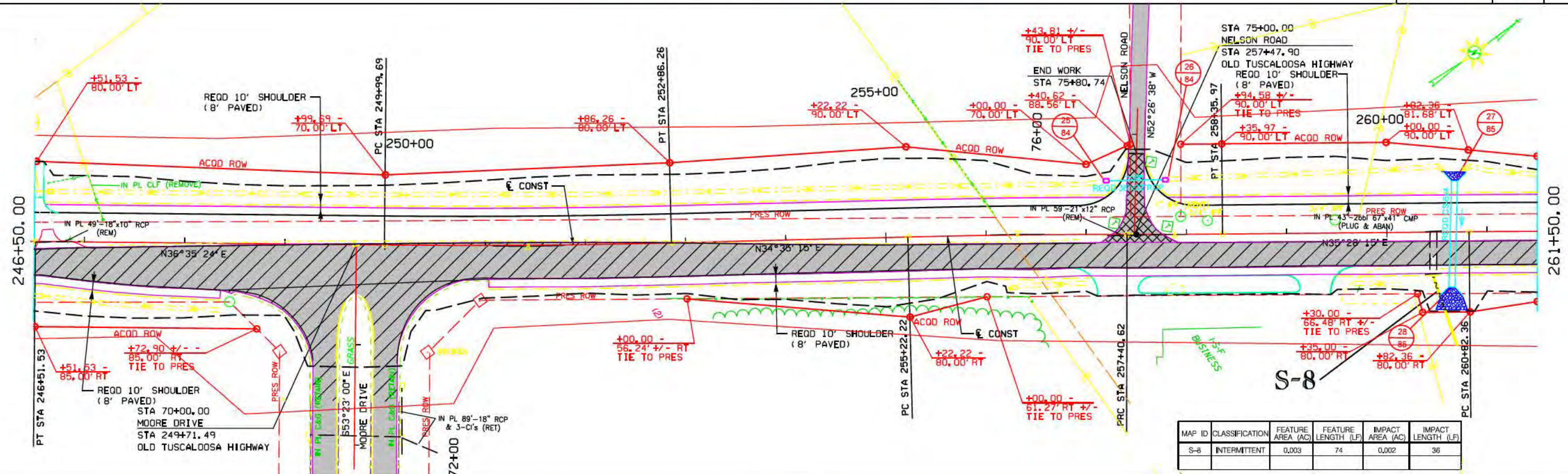
ROUTE

OLD
USCALOOSA
HIGHWAY

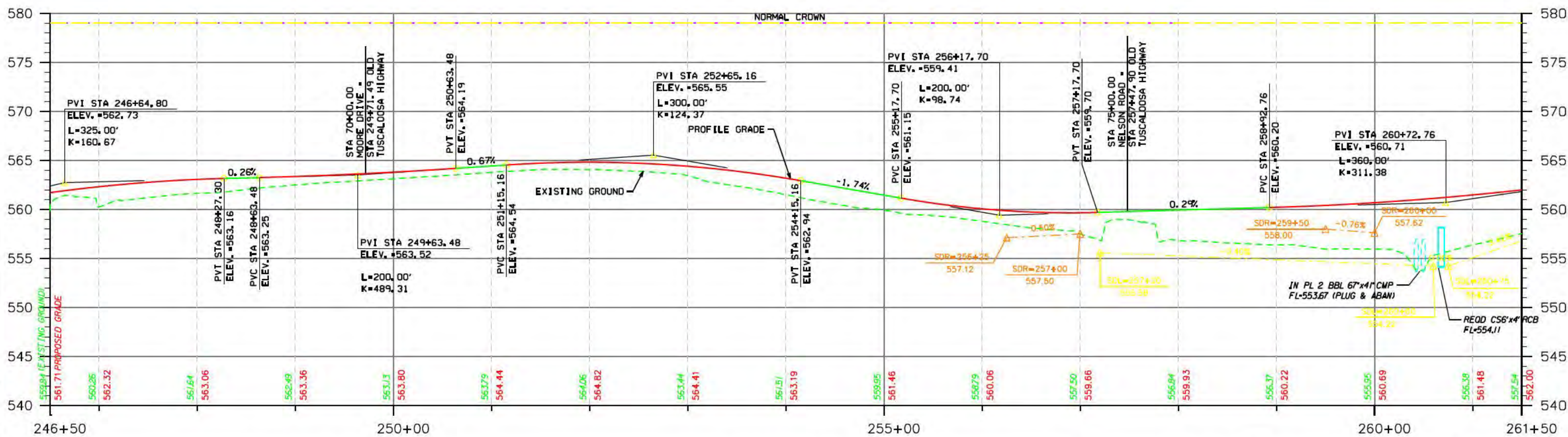
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PLAN / PROFILE SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
37-19-395	2025	14



MAP ID	CLASSIFICATION	FEATURE AREA (AC)	FEATURE LENGTH (LF)	IMPACT AREA (AC)	IMPACT LENGTH (LF)
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SAM-2023-01169-LML

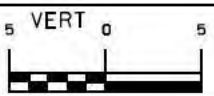
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JEFFERSON COUNTY COMMISSION



SCALE (FEET)

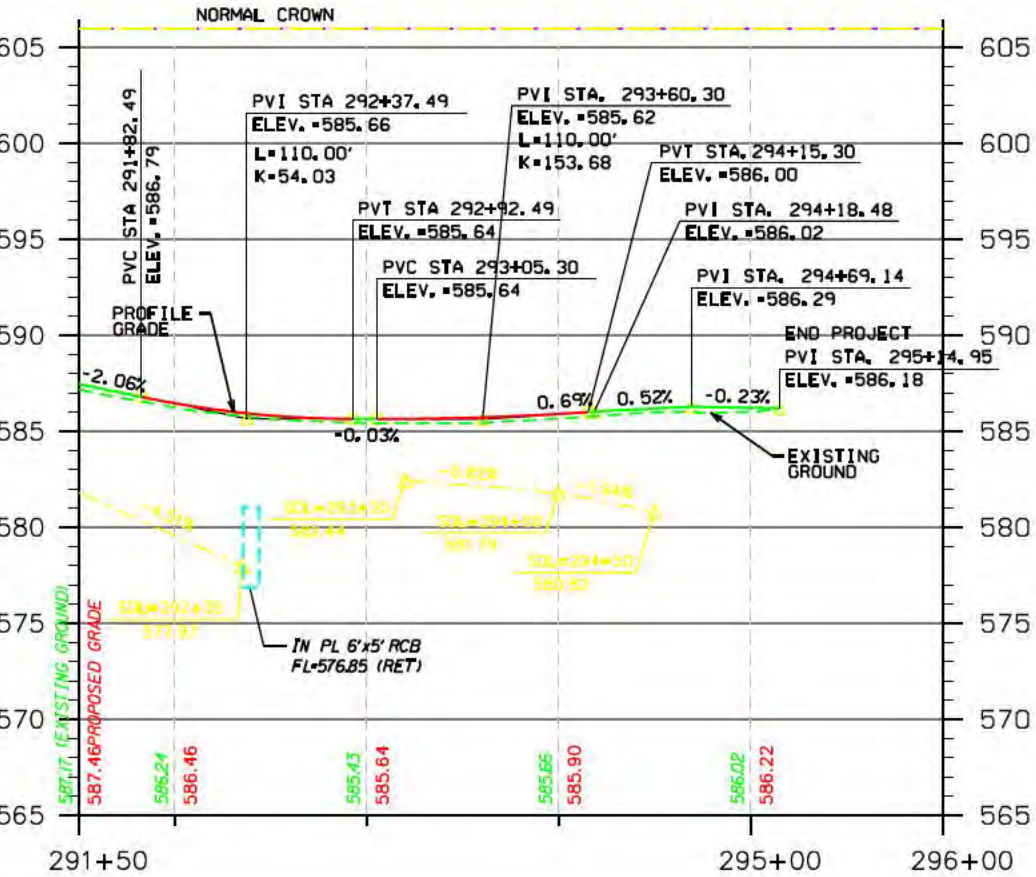
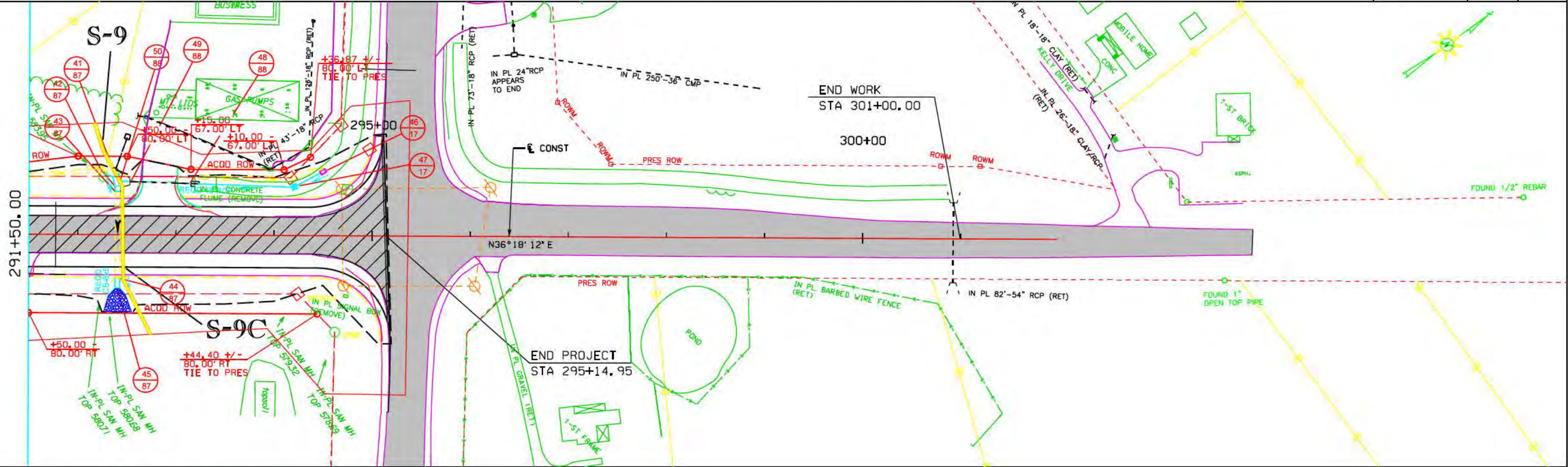


SHEET TITLE
PLAN / PROFILE SHEET
STA 246+50 TO STA 261+50

ROUTE
OLD TUSCALOOSA HIGHWAY

PLAN / PROFILE SHEET

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
37-19-395	2025	17



MAP ID	CLASSIFICATION	FEATURE AREA (AC)	FEATURE LENGTH (LF)	IMPACT AREA (AC)	IMPACT LENGTH (LF)
S-9	INTERMITTENT	0.009	139	0.003	46
S-9	CULVERT	-	89	-	-

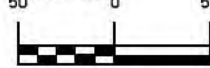
SAM-2023-01169-LML

PLAN SUBMITTAL



JEFFERSON COUNTY
COMMISSION

HORIZ



SCALE
(FEET)

VERT



SHEET TITLE

PLAN / PROFILE SHEET
STA 291+50 TO STA 300+00

ROUTE

OLD
TUSCALOOSA
HIGHWAY