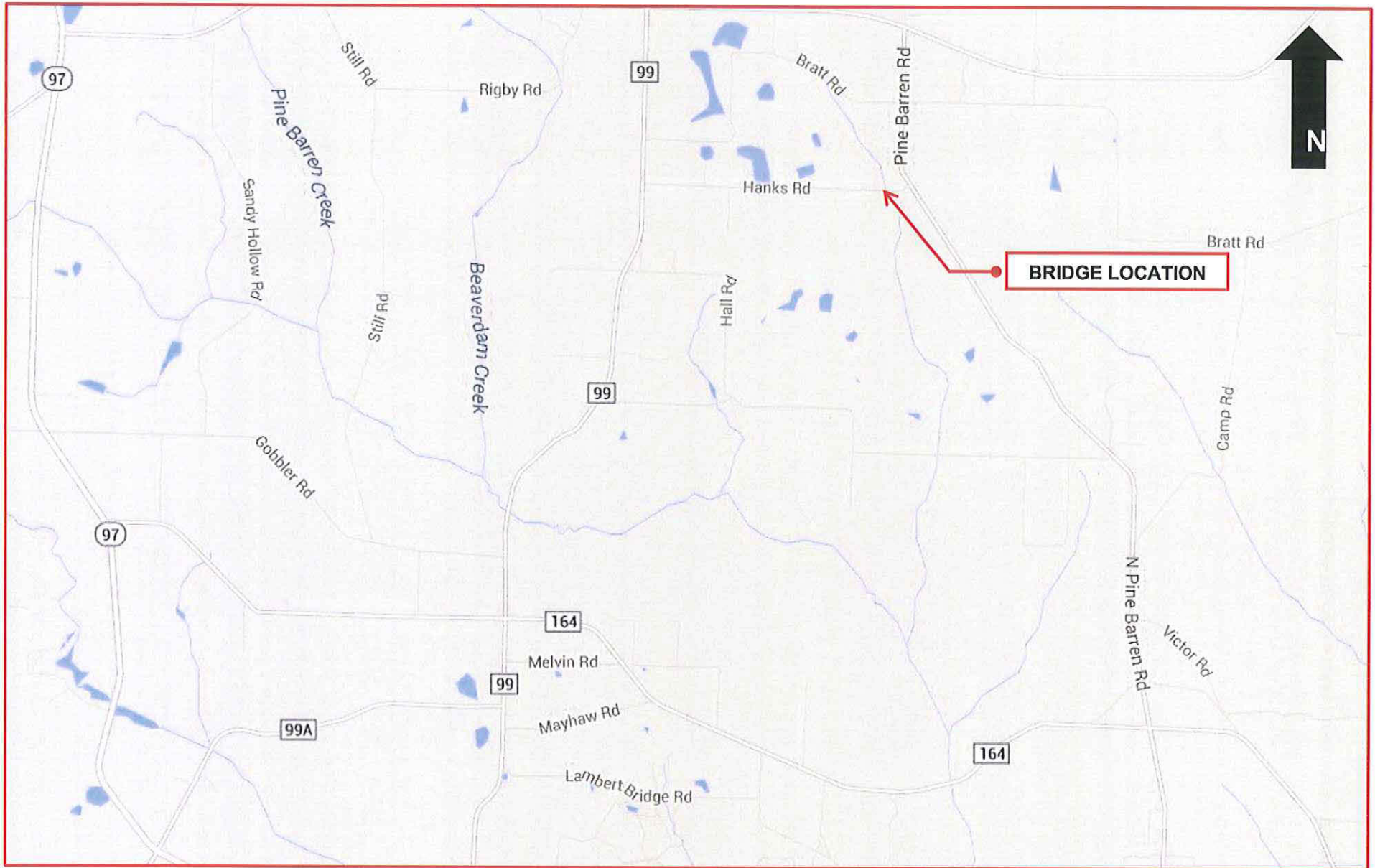


DRAWN: C. GORMAN	CHECKED: A. HAYDEN, P.E.
ENGINEER: J. HAYDEN, P.E.	
CLIENT: STV INC.	
PROJ. NO.: 313-03-14-03	SCALE:

**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALISTS, INC.**
 104 NORTH MAGNOLIA DRIVE | TALLAHASSEE, FLORIDA 32301
 OFFICE #: (850) 386-1253 | FAX #: (850) 385-8050

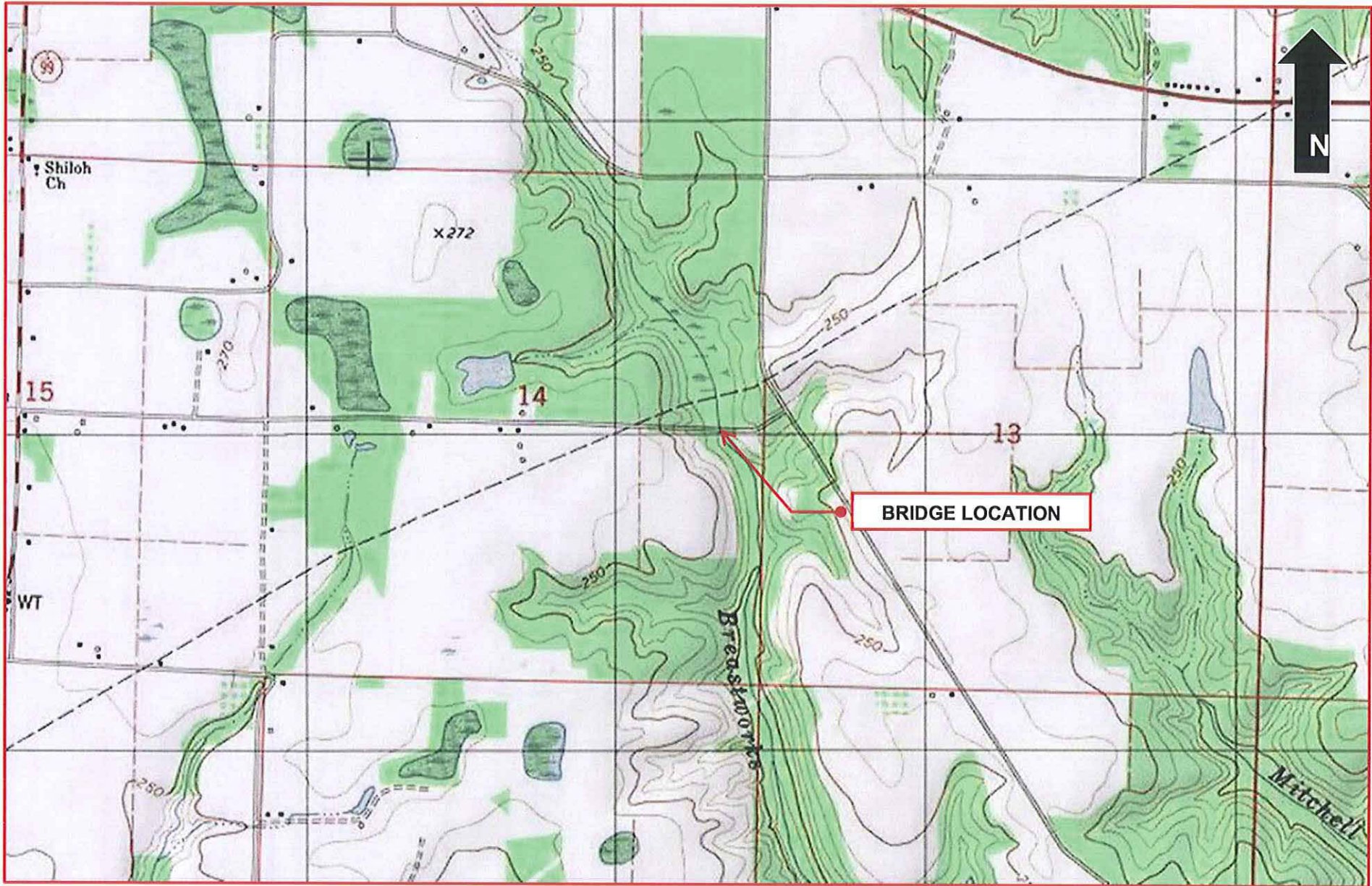
TITLE: PROJECT VICINITY MAP HANKS ROAD OVER BREASTWORKS CREEK BRIDGE REPLACEMENT FPID: 432286-1-32-01 ESCAMBIA COUNTY, FLORIDA	
DATE: DECEMBER 2015	FIGURE NO.: 1



DRAWN: C. GORMAN	CHECKED: A. HAYDEN, P.E.
ENGINEER: J. HAYDEN, P.E.	
CLIENT: STV INC.	
PROJ. NO.: 313-03-14-03	SCALE:

**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALISTS, INC.**
 104 NORTH MAGNOLIA DRIVE | TALLAHASSEE, FLORIDA 32301
 OFFICE #: (850) 386-1253 | FAX #: (850) 385-8050

TITLE: SITE LOCATION MAP HANKS ROAD OVER BREASTWORKS CREEK BRIDGE REPLACEMENT FPID: 432286-1-32-01 ESCAMBIA COUNTY, FLORIDA	
DATE: DECEMBER 2015	FIGURE NO.: 2



DRAWN: C. GORMAN	CHECKED: A. HAYDEN, P.E.
ENGINEER: J. HAYDEN, P.E.	
CLIENT: STV INC.	
PROJ. NO.: 313-03-14-03	SCALE:

**ENVIRONMENTAL AND GEOTECHNICAL
SPECIALISTS, INC.**
 104 NORTH MAGNOLIA DRIVE | TALLAHASSEE, FLORIDA 32301
 OFFICE #: (850) 386-1253 | FAX #: (850) 385-8050

TITLE: USGS TOPOGRAPHIC MAP HANKS ROAD OVER BREASTWORKS CREEK BRIDGE REPLACEMENT FPID: 432286-1-32-01 ESCAMBIA COUNTY, FLORIDA	
DATE: DECEMBER 2015	FIGURE NO.: 4

COMPONENTS OF CONTRACT PLANS SET
 ROADWAY PLANS
 STRUCTURES

A DETAILED INDEX APPEARS ON THE
 KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
5	PROJECT CONTROL
6	PROJECT NOTES
7	PROJECT LAYOUT
8 - 10	ROADWAY PLAN-PROFILE
11	ROADWAY SOIL SURVEY
12 - 20	CROSS SECTIONS
21 - 22	STORMWATER POLLUTION & PREVENTION PLAN
23 - 24	EROSION AND SEDIMENT CONTROL PLAN
25	TRAFFIC CONTROL PLAN
26 - 27	SIGNING AND MARKING PLAN

LIST OF REVISED INDEX DRAWINGS

INDEX NO.	SHEET NO.

GOVERNING STANDARDS AND SPECIFICATIONS:
 Florida Department of Transportation, 2018 Design Standards and revised Index Drawings as appended herein, and JULY 2018 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/DesignStandards>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/StandardSpecifications>

REVISIONS

Submission _____		
QA/QC Review	Initials	Date
Originator		
Checked By		
Backchecked By		
Updated By		
Verified By		

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

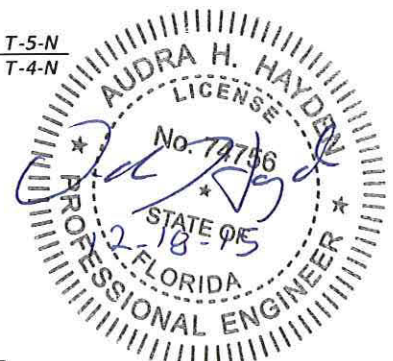
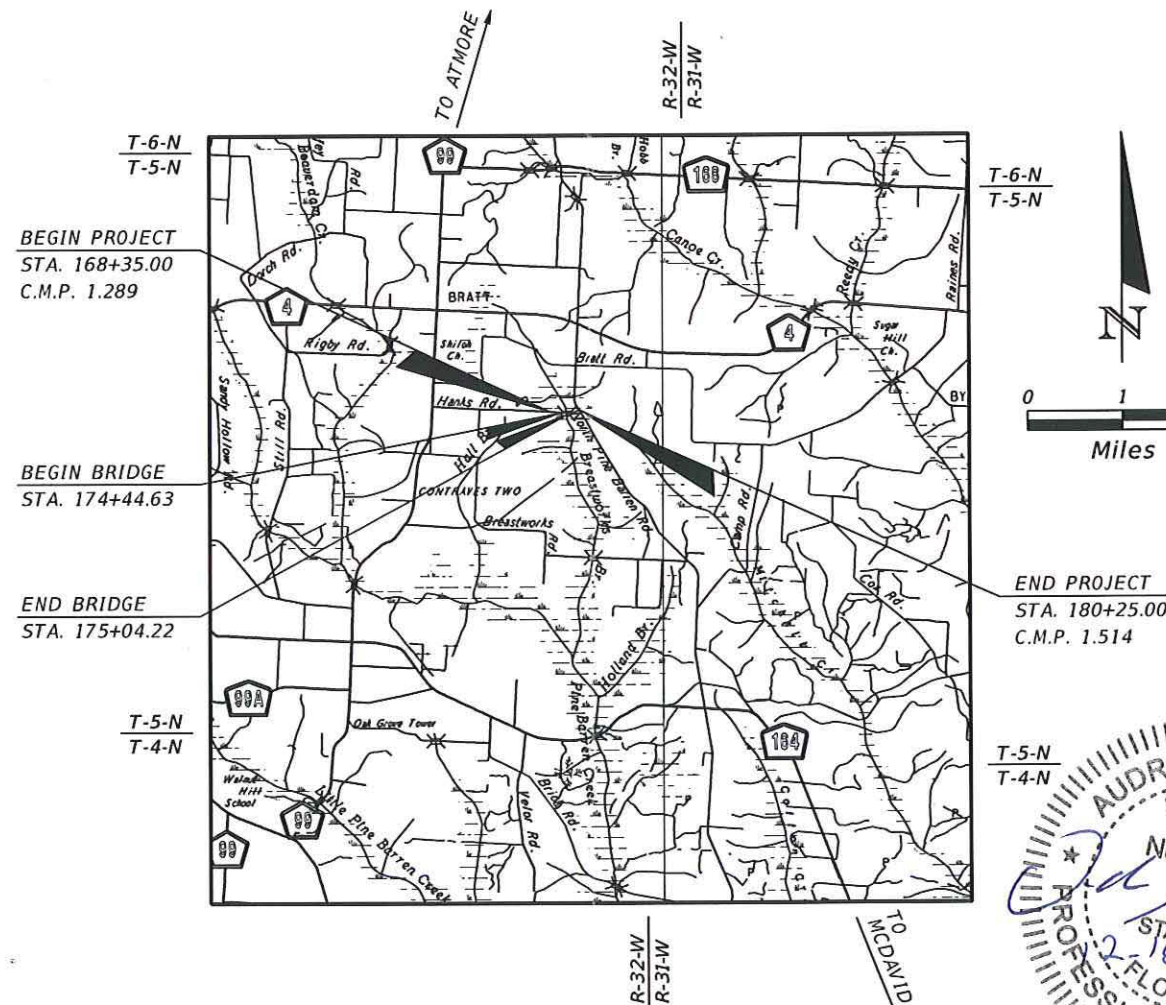
CONTRACT PLANS

FINANCIAL PROJECT ID 432286-1-52-01

(FEDERAL FUNDS)

ESCAMBIA COUNTY (48000122)

HANKS ROAD



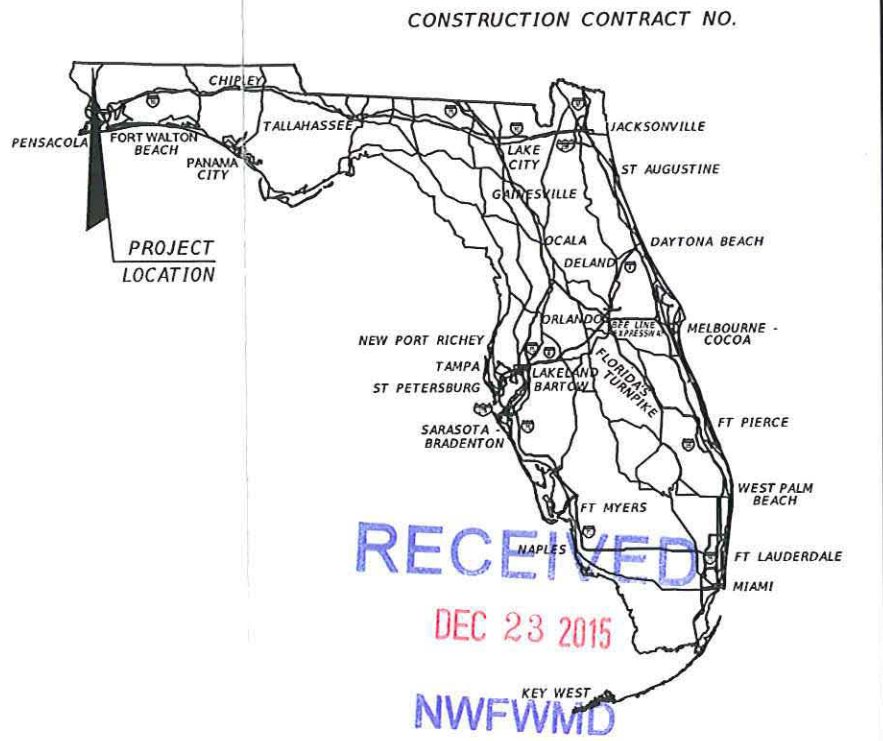
PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1130.41	0.214
BRIDGES	59.59	0.011
NET LENGTH OF PROJECT	1190.00	0.225
EXCEPTIONS	0	0
GROSS LENGTH OF PROJECT	1190.00	0.225

FDOT PROJECT MANAGER: Jessica Golema, PE

KEY SHEET REVISIONS	
DATE	DESCRIPTION

HANKS ROAD OVER BREASTWORKS CREEK



ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:
 Jason Breda, P.E.
 STV/RALPH WHITEHEAD ASSOCIATES
 5200 Belfort Road, Suite 400
 Jacksonville, Florida 32256

PLANS PREPARED BY:
 STV/RALPH WHITEHEAD ASSOCIATES
 5200 Belfort Road, Suite 400
 Jacksonville, Florida 32256
 904.730.9777
 Contract No. C9H55
 Vendor No. F131986759-001
 Certificate of Authorization No. 27281

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PHASE II SUBMITTAL
 NOVEMBER 13, 2015

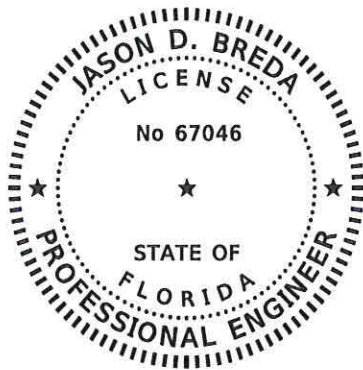
ROADWAY PLANS
 ENGINEER OF RECORD: JASON BREDA, P.E.

P.E. NO.: 67046

FISCAL YEAR	SHEET NO.

Exhibit 1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

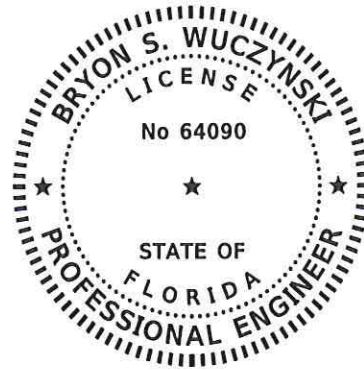


STV/RALPH WHITEHEAD ASSOCIATES
 5200 Belfort Road, Suite 400
 Jacksonville, Florida 32256.
 Certificate of Authorization No. 27281
 Jason D Breda, P.E. NO. 67046

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
6	PROJECT NOTES
7	PROJECT LAYOUT
8 - 10	ROADWAY PLAN-PROFILE
12 - 20	CROSS SECTIONS
25	TRAFFIC CONTROL PLAN
26 - 27	SIGNING AND MARKING PLAN



STV/RALPH WHITEHEAD ASSOCIATES
 5200 Belfort Road, Suite 400
 Jacksonville, Florida 32256.
 Certificate of Authorization No. 27281
 Bryon S Wuczynski, P.E. NO. 64090

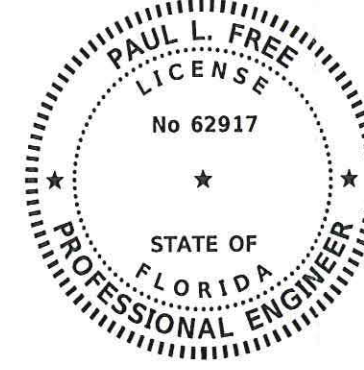
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
21 - 22	STORMWATER POLLUTION & PREVENTION PLAN
23 - 24	EROSION AND SEDIMENT CONTROL PLAN

STRUCTURES PLANS

SHEET NO.	SHEET DESCRIPTION
B1-5	BRIDGE HYDRAULIC RECOMMENDATIONS



STV/RALPH WHITEHEAD ASSOCIATES
 5200 Belfort Road, Suite 400
 Jacksonville, Florida 32256.
 Certificate of Authorization No. 27281
 Paul L. Free, P.E. NO. 62917

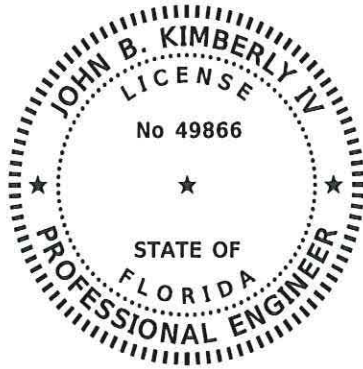
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET

STRUCTURES PLANS

SHEET NO.	SHEET DESCRIPTION
B1-1	KEY SHEET
B1-2	GENERAL NOTES
B1-3	PLAN AND ELEVATION
B1-4	TYPICAL SECTION
B1-7	FOUNDATION LAYOUT (1 OF 2)
B1-8	FOUNDATION LAYOUT (2 OF 2)
B1-9	END BENTS 1 AND 2
B1-10	END BENT DETAILS
B1-11	SLOPE PROTECTION



TERRACON
 9655 W. Florida Mining Boulevard, Suite 509
 Jacksonville, Florida 32257.
 Certificate of Authorization No. 8830
 John B. Kimberly IV, P.E. NO. 49866

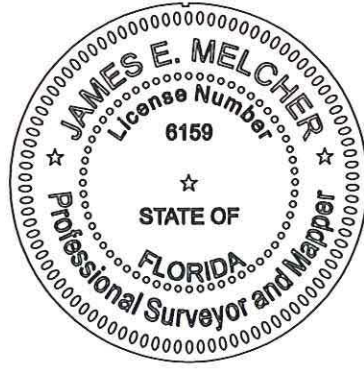
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
11	ROADWAY SOIL SURVEY

STRUCTURES PLANS

SHEET NO.	SHEET DESCRIPTION
B1-6	REPORT OF CORE BORINGS FOR BRIDGE

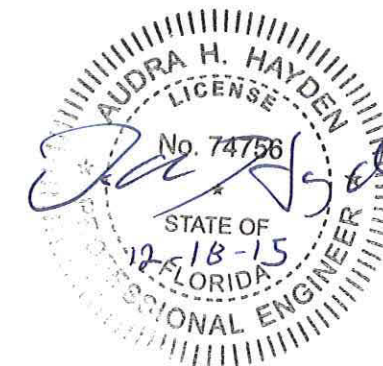


NOBLES CONSULTING GROUP, INC.
 1333 S. RAILROAD AVENUE
 CHIPLEY, FLORIDA 32428
 Certificate of Authorization No. 5382
 James E. Melcher, PSM NO. 6159

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.003, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
5	PROJECT CONTROL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

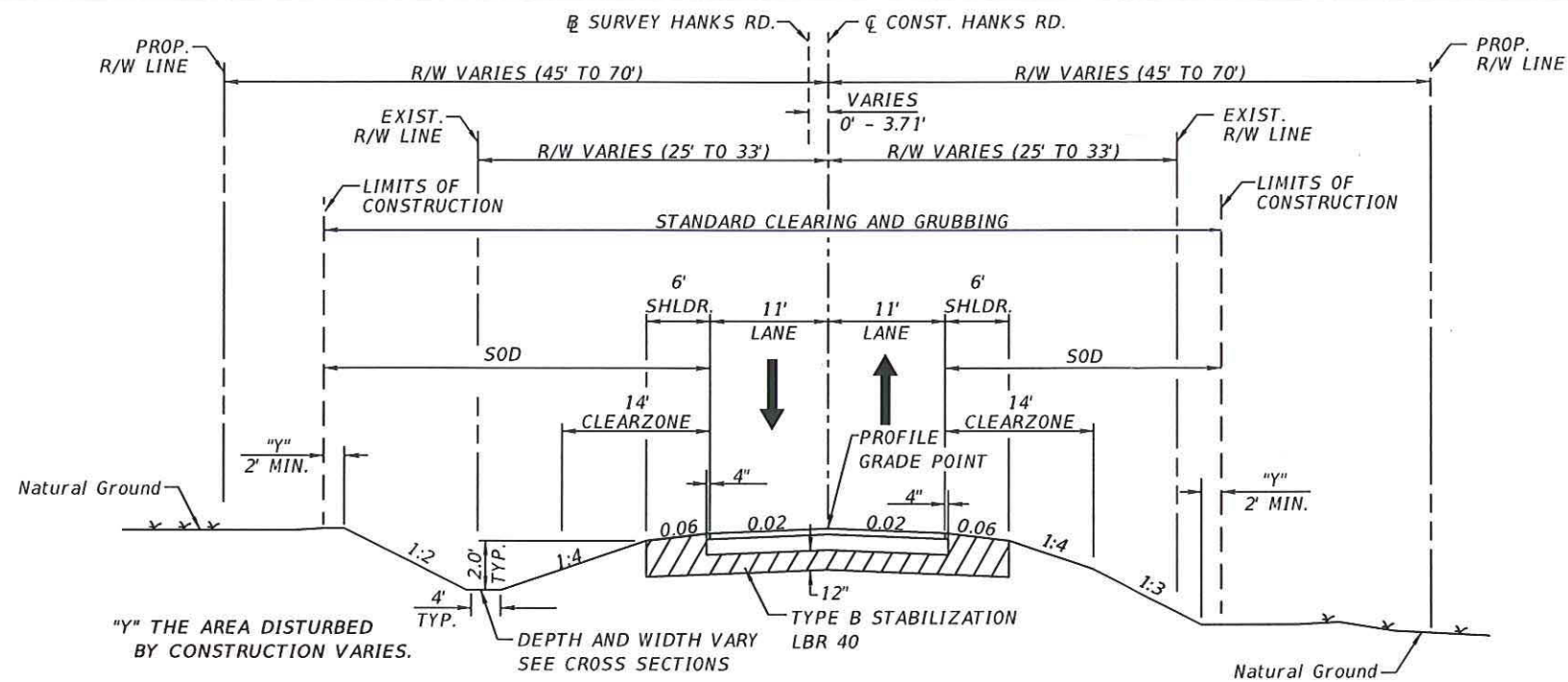
STV/ RALPH WHITEHEAD ASSOC., INC.
 5200 BELFORT ROAD, SUITE 400
 JACKSONVILLE, FL 32256
 (904) 730-9777
 CERTIFICATE OF AUTHORIZATION NO. 27281

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HANKS	ESCAMBIA	432286-1-52-01

SIGNATURE SHEET

Exhibit 2

SHEET NO.



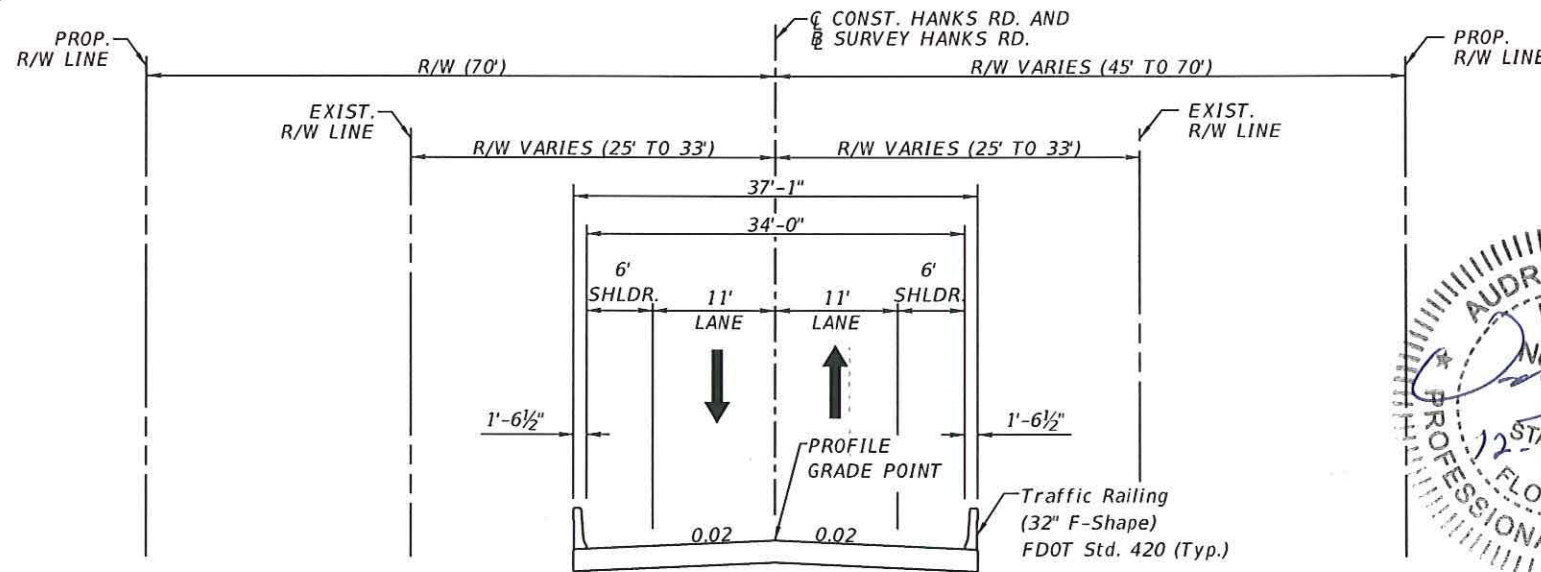
TYPICAL SECTION NO. 1

STA. 168+35.00 TO STA. 174+12.70 Q CONST. HANKS RD.
 STA. 175+36.15 TO STA. 180+25.00 Q CONST. HANKS RD.

TRAFFIC DATA

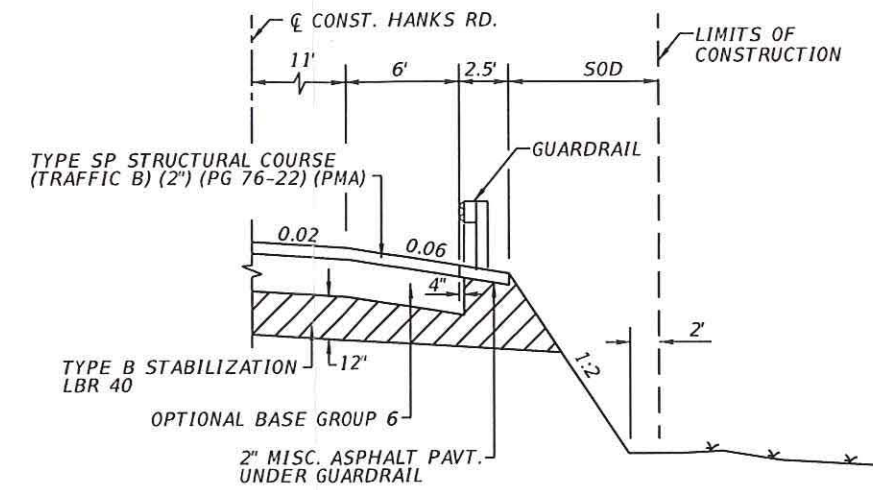
CURRENT YEAR = 2014 AADT = 300
 ESTIMATED OPENING YEAR = 2020 AADT = 350
 ESTIMATED DESIGN YEAR = 2040 AADT = 500
 K = 9.5% D = 54.30% T = 10.00% (24 HOUR)
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH
 CLEAR ZONE = 14'

NEW CONSTRUCTION
 OPTIONAL BASE GROUP 6 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG 76-22) (PMA)



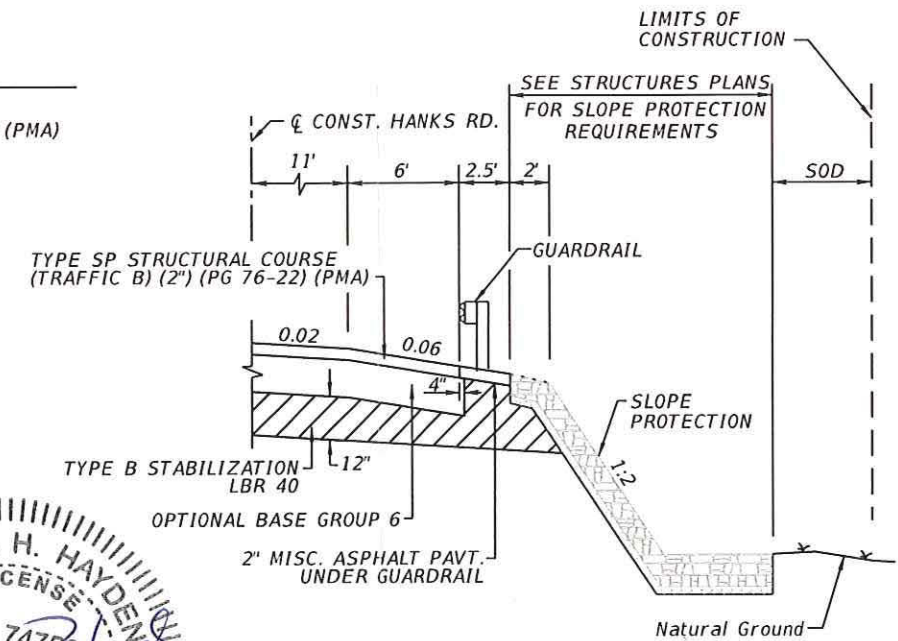
TYPICAL SECTION NO. 2

STA. 174+12.70 TO STA. 175+36.15 Q CONST. HANKS RD.



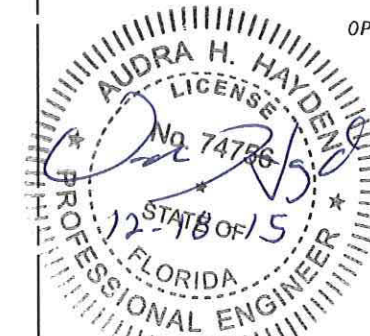
SHOULDER DETAIL

STA. 172+63.26 TO STA. 174+06.21 Q CONST. HANKS RD. (LT)
 STA. 172+63.14 TO STA. 174+18.89 Q CONST. HANKS RD. (RT)
 STA. 175+65.00 TO STA. 176+85.71 Q CONST. HANKS RD. (LT)
 STA. 175+65.00 TO STA. 176+85.58 Q CONST. HANKS RD. (RT)



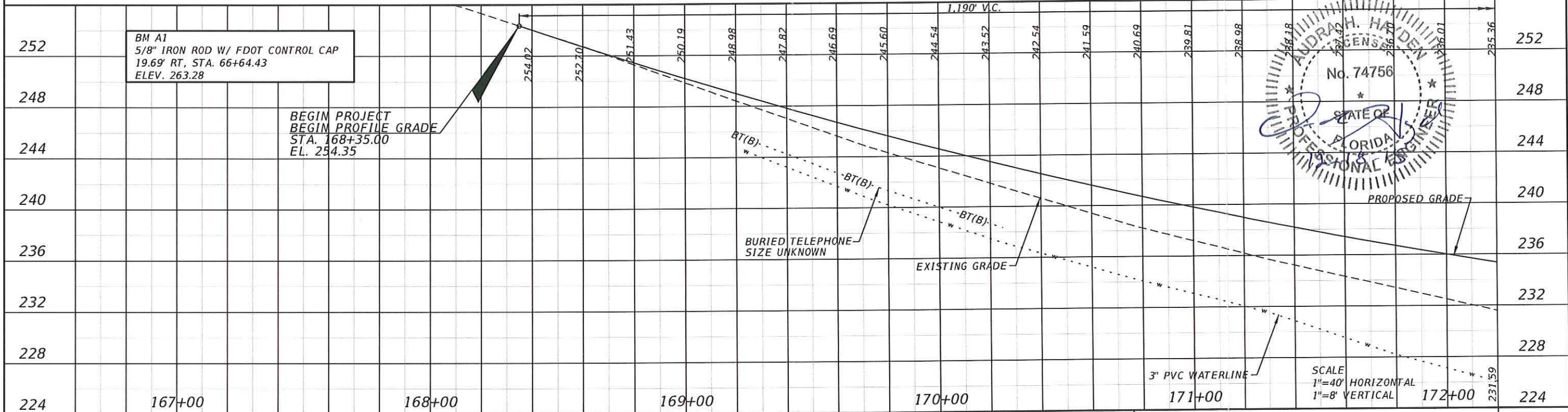
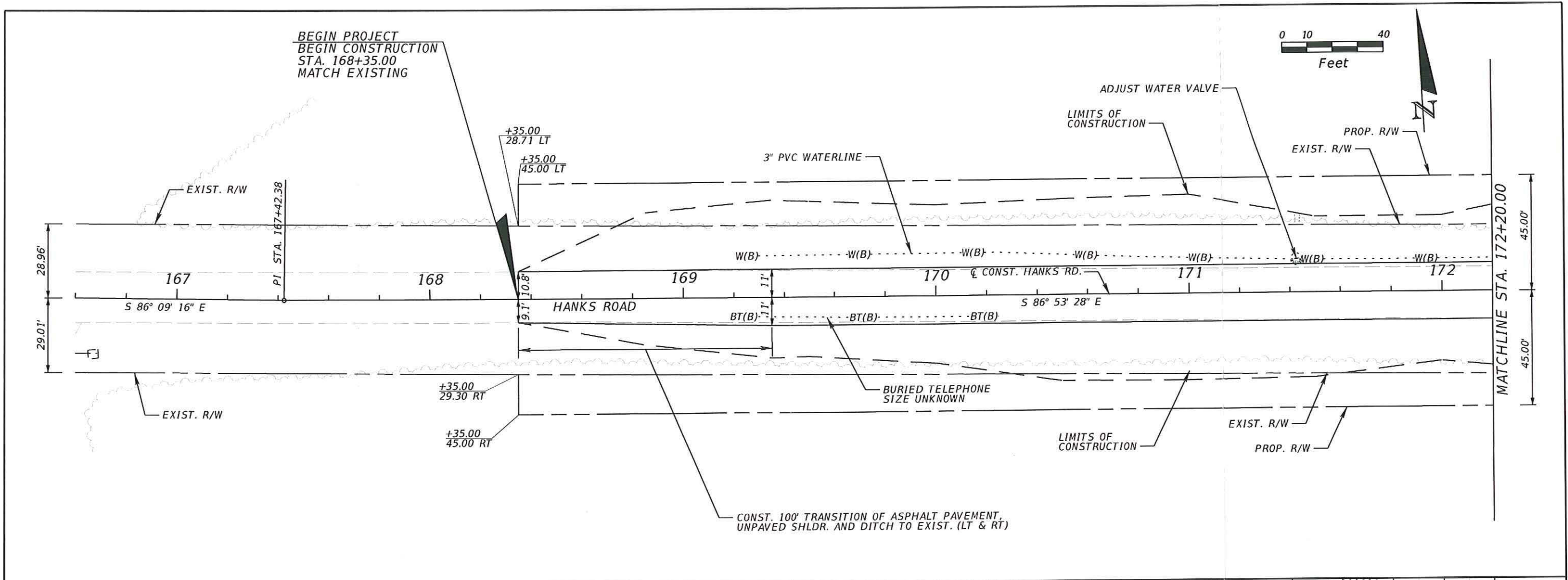
**SHOULDER W/
SLOPE PROTECTION
DETAIL**

STA. 175+29.26 TO STA. 175+65.00 Q CONST. HANKS RD. (LT)
 STA. 175+42.33 TO STA. 175+65.00 Q CONST. HANKS RD. (RT)

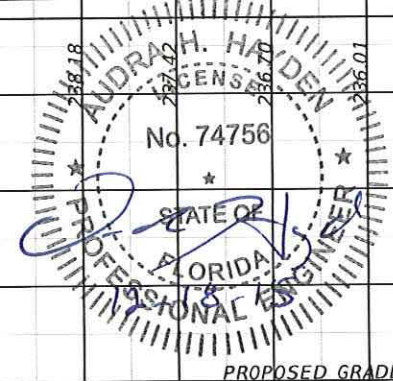


REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				HANKS	ESCAMBIA	432286-1-52-01	TYPICAL SECTION Exhibit 3
STV/ RALPH WHITEHEAD ASSOC., INC. 5200 BELFORD ROAD, SUITE 400 JACKSONVILLE, FL 32256 (904) 730-9777 CERTIFICATE OF AUTHORIZATION NO. 27281 JASON D BRED A, P.E. 67046							

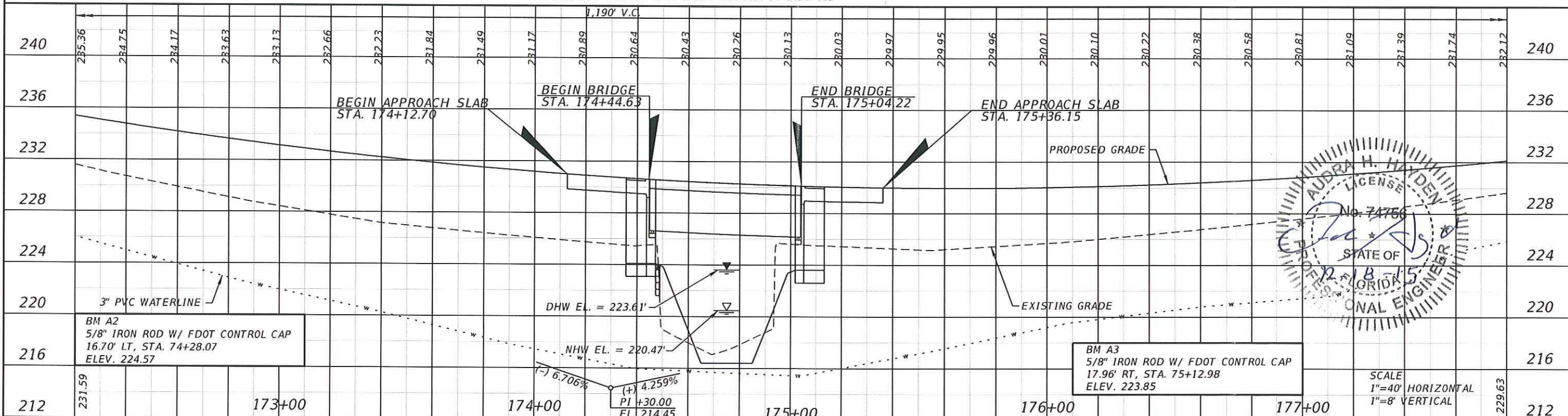
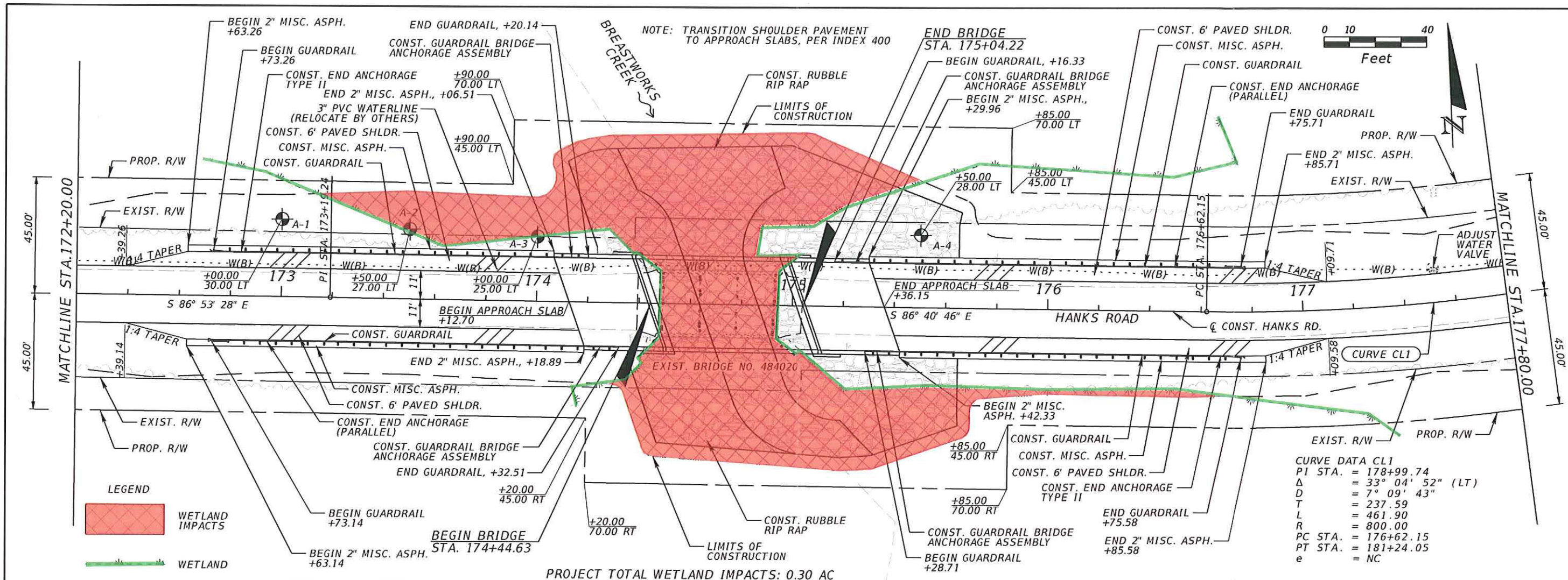
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



REVISIONS				STV/ RALPH WHITEHEAD ASSOC., INC. 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256 (904) 730-9777 CERTIFICATE OF AUTHORIZATION NO. 27281 JASON D BREDA, P.E. 67046	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					HANKS	ESCAMBIA	432286-1-52-01	Exhibit 4	



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

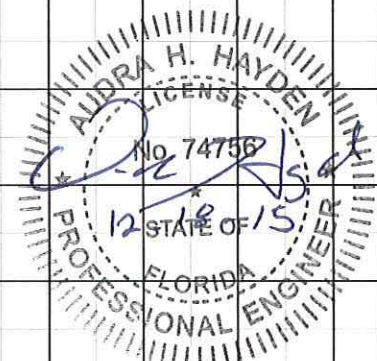
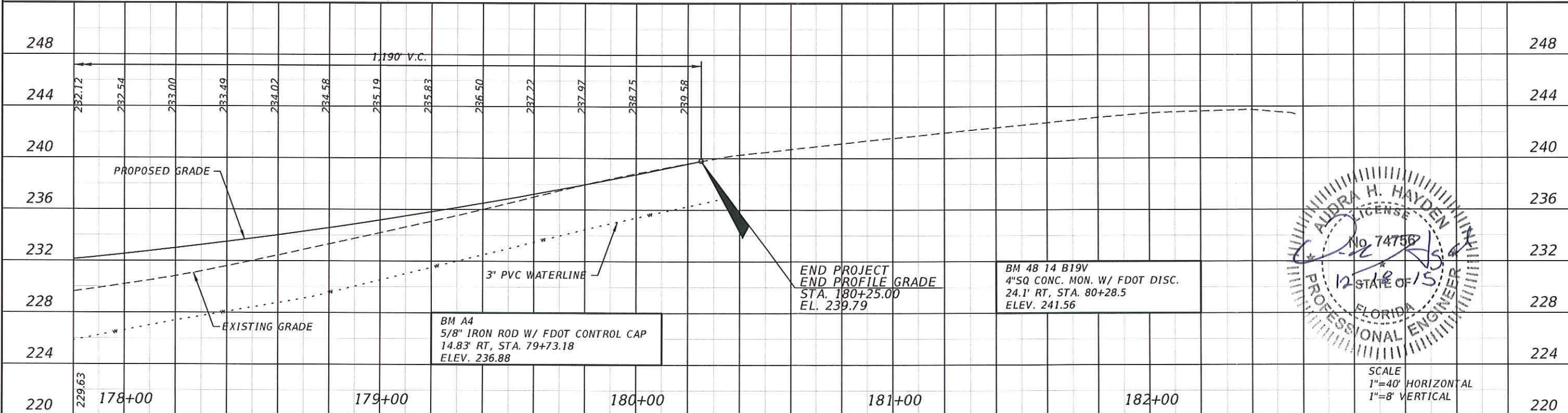
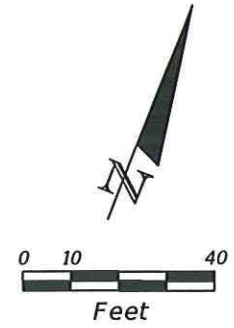
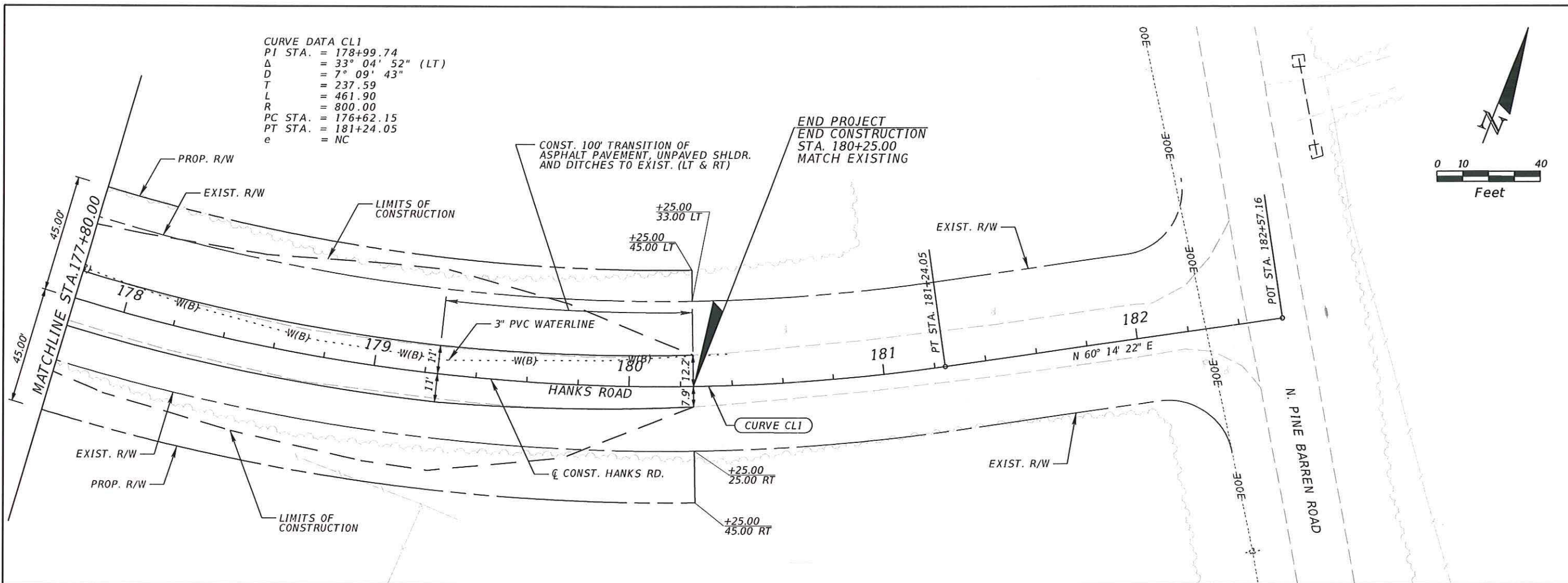


REVISIONS				STV/ RALPH WHITEHEAD ASSOC., INC. 5200 BELFORT ROAD, SUITE 400 JACKSONVILLE, FL 32256 (904) 730-9777 CERTIFICATE OF AUTHORIZATION NO. 27281 JASON D BRED A, P.E. 67046	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					HANKS	ESCAMBIA	432286-1-52-01	212	

Exhibit 5

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

CURVE DATA CL1
 PI STA. = 178+99.74
 Δ = 33° 04' 52" (LT)
 D = 7° 09' 43"
 T = 237.59
 L = 461.90
 R = 800.00
 PC STA. = 176+62.15
 PT STA. = 181+24.05
 e = NC

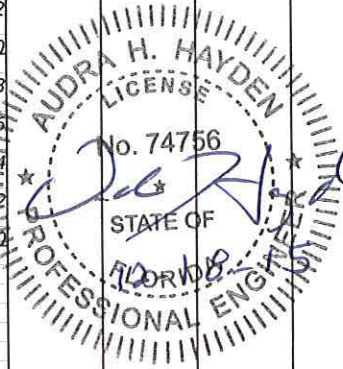
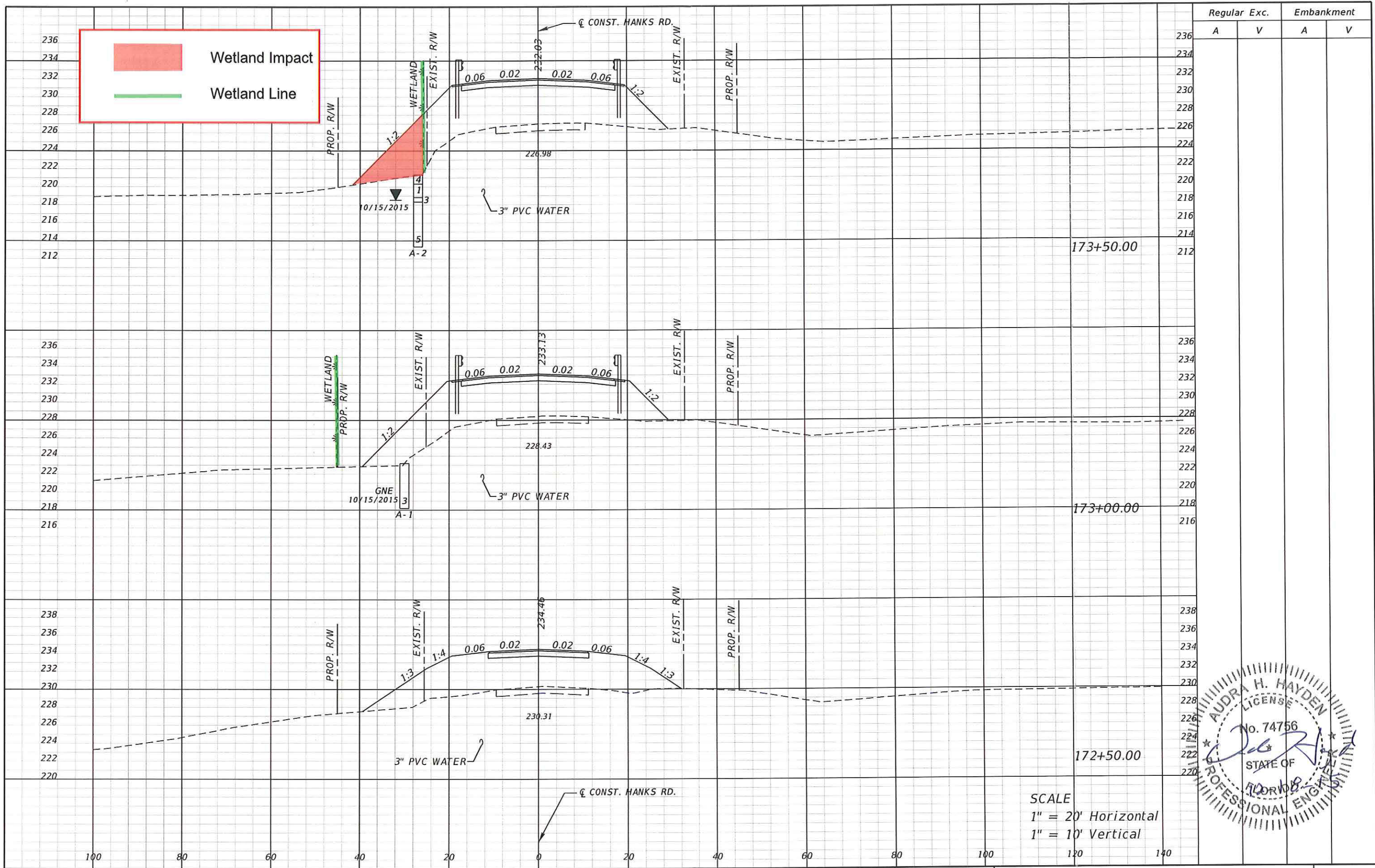


SCALE
 1"=40' HORIZONTAL
 1"=8' VERTICAL

REVISIONS				STV/ RALPH WHITEHEAD ASSOC., INC. 5200 BELFORD ROAD, SUITE 400 JACKSONVILLE, FL 32256 (904) 730-9777 CERTIFICATE OF AUTHORIZATION NO. 27281 JASON D BREDA, P.E. 67046	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN-PROFILE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					HANKS	ESCAMBIA	432286-1-52-01	248	

Exhibit 6

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

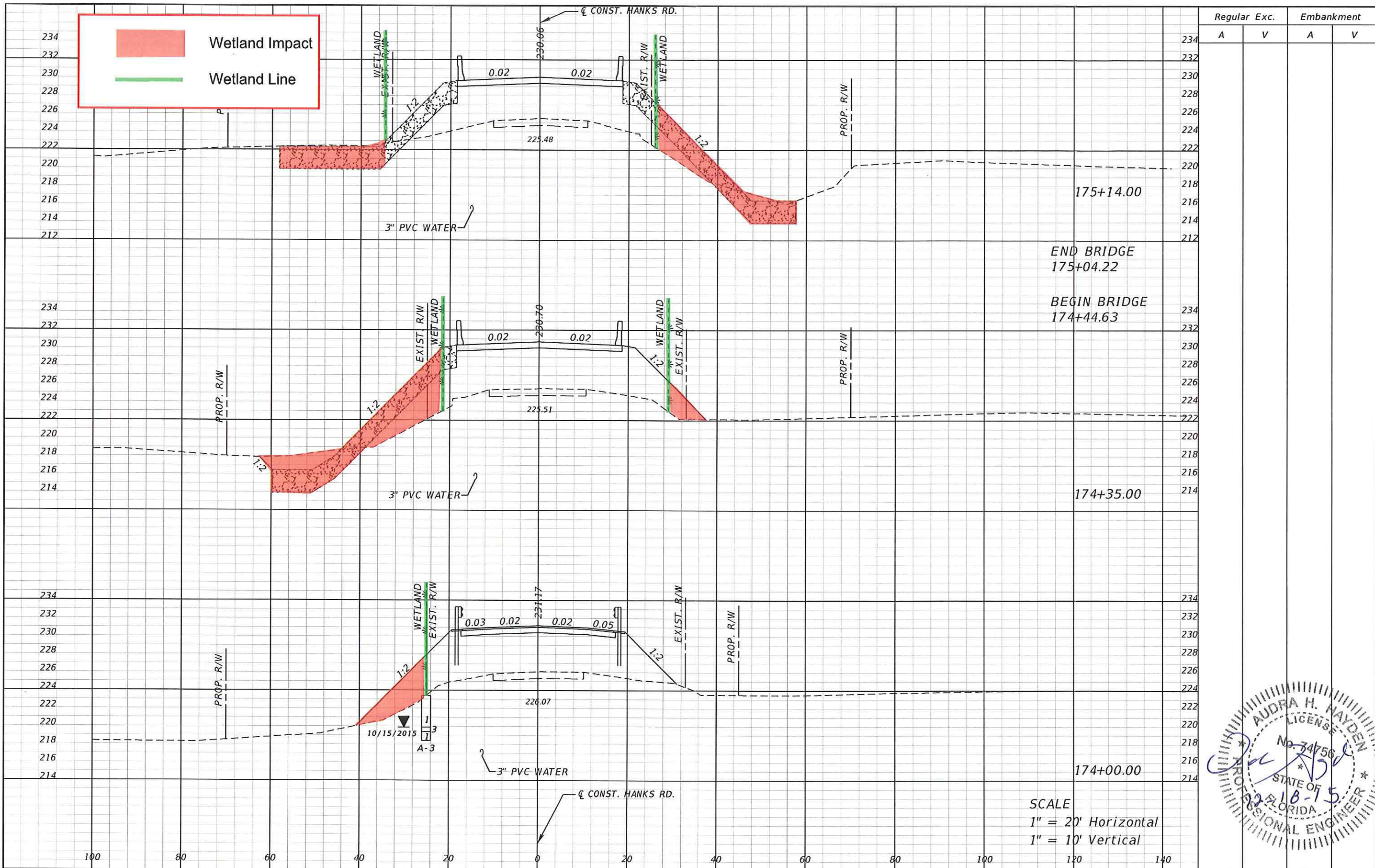
STV/ RALPH WHITEHEAD ASSOC., INC.
 5200 BELFORD ROAD, SUITE 400
 JACKSONVILLE, FL 32256
 (904) 730-9777
 CERTIFICATE OF AUTHORIZATION NO. 27281
 JASON D BREDA, P.E. 67046

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HANKS	ESCAMBIA	432286-1-52-01

CROSS SECTIONS			
Regular	Exc.	Embankment	
A	V	A	V

Exhibit 7

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

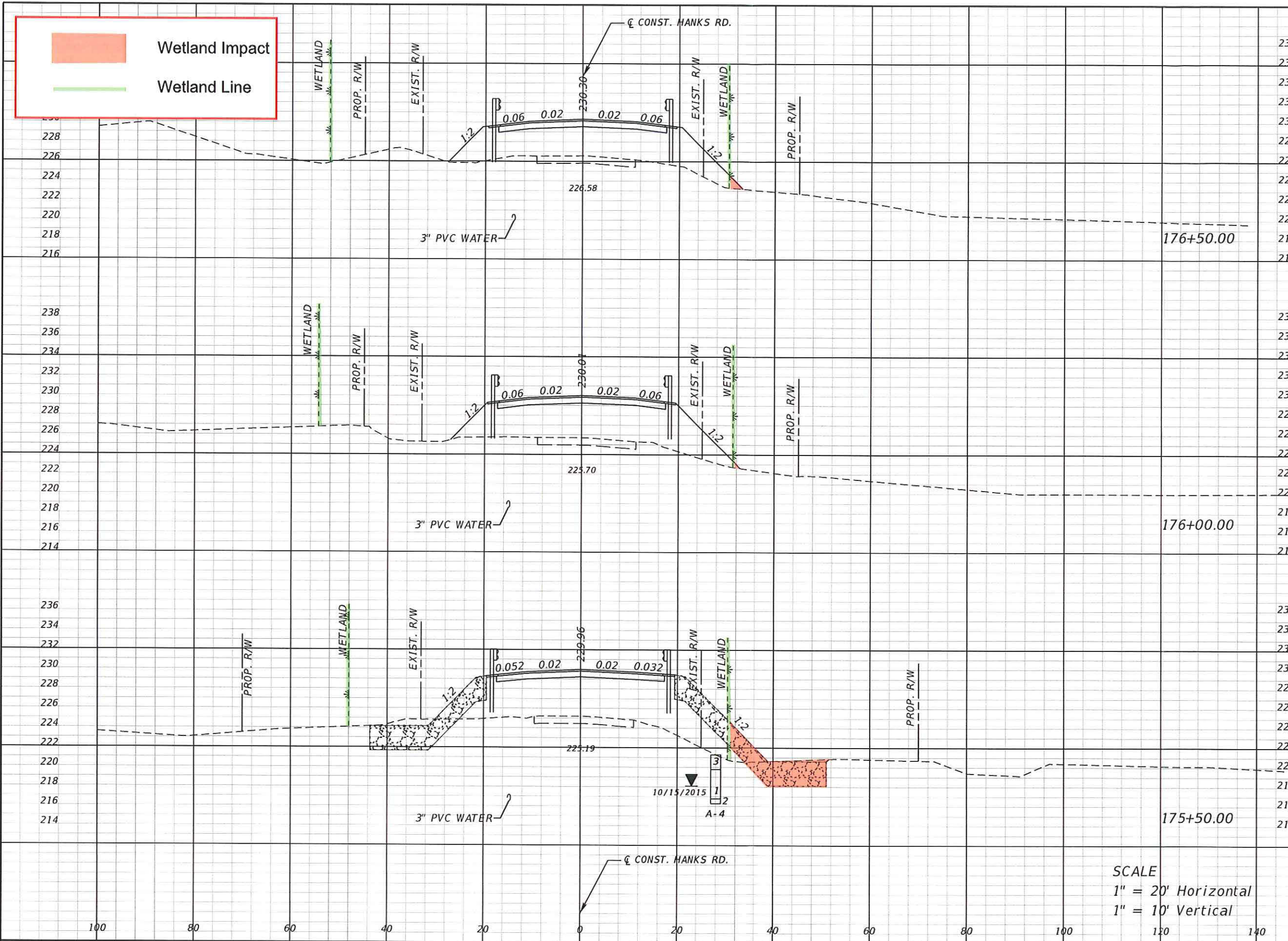
STV/ RALPH WHITEHEAD ASSOC., INC.
5200 BELFORT ROAD, SUITE 400
JACKSONVILLE, FL 32256
(904) 730-9777
CERTIFICATE OF AUTHORIZATION NO. 27281
JASON D BRED A, P.E. 67046

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HANKS	ESCAMBIA	432286-1-52-01

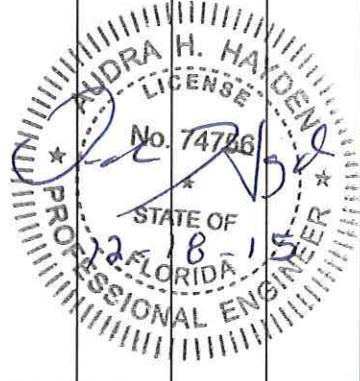
CROSS SECTIONS

Exhibit 8

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.



	Regular Exc.		Embankment	
	A	V	A	V
238				
236				
234				
232				
230				
228				
226				
224				
222				
220				
218				
216				
238				
236				
234				
232				
230				
228				
226				
224				
222				
220				
218				
216				
214				
236				
234				
232				
230				
228				
226				
224				
222				
220				
218				
216				
214				



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STV/ RALPH WHITEHEAD ASSOC., INC.
 5200 BELFORD ROAD, SUITE 400
 JACKSONVILLE, FL 32256
 (904) 730-9777
 CERTIFICATE OF AUTHORIZATION NO. 27281
 JASON D BRED A, P.E. 67046

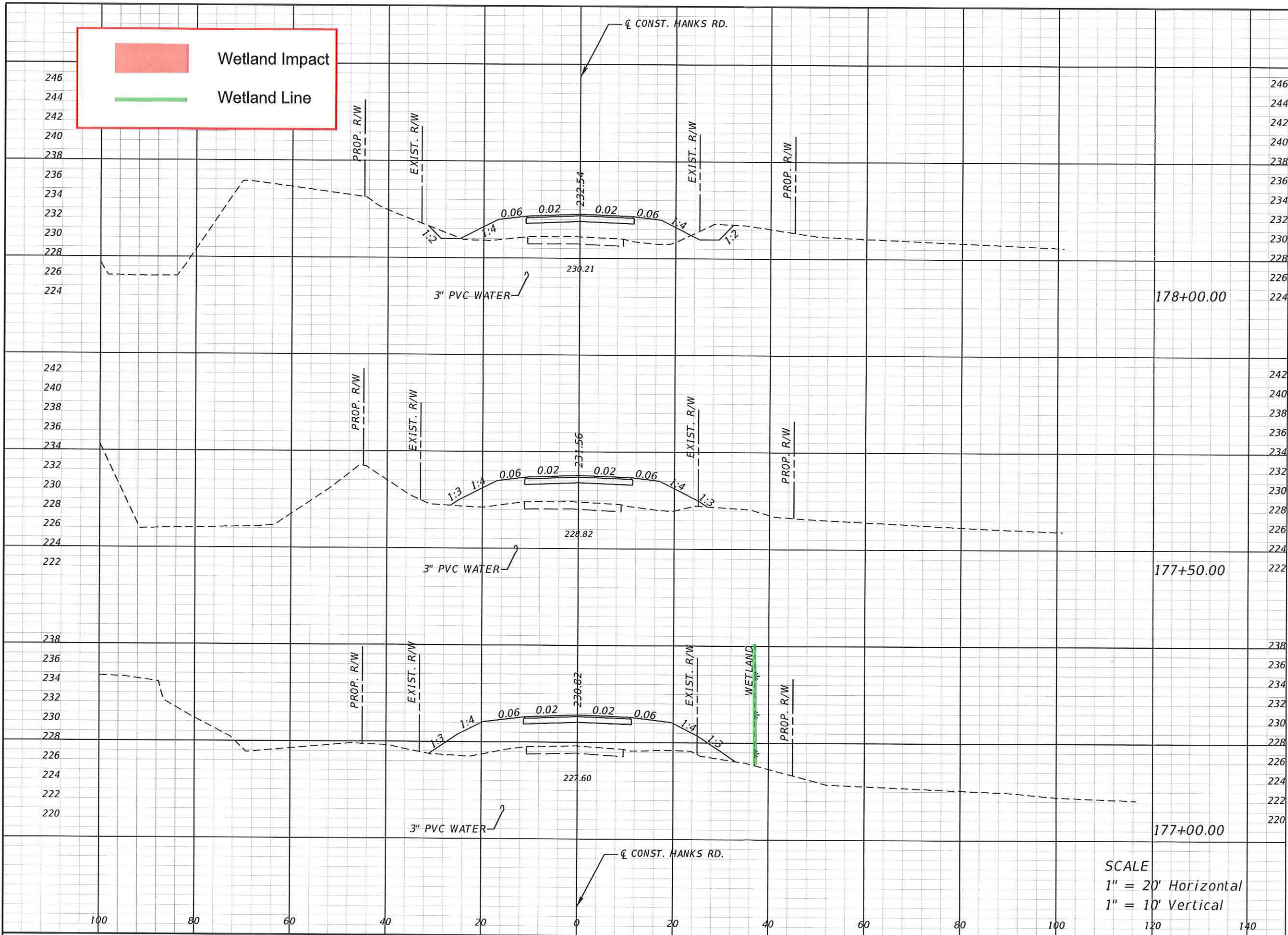
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HANKS	ESCAMBIA	432286-1-52-01

CROSS SECTIONS

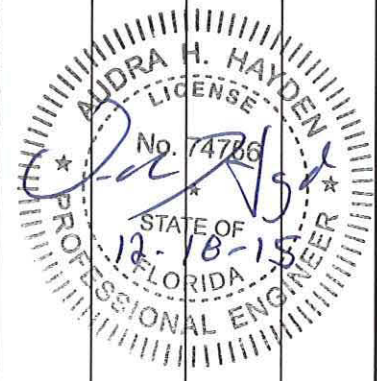
SHEET NO. Exhibit 9

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

 Wetland Impact
 Wetland Line



Station	Regular Exc.		Embankment	
	A	V	A	V
178+00.00				
177+50.00				
177+00.00				



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STV/ RALPH WHITEHEAD ASSOC., INC.
 5200 BELFORT ROAD, SUITE 400
 JACKSONVILLE, FL 32256
 (904) 730-9777
 CERTIFICATE OF AUTHORIZATION NO. 27281
 JASON D BREDA, P.E. 67046

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
HANKS	ESCAMBIA	432286-1-52-01

CROSS SECTIONS
Exhibit 10

SHEET NO.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.