

**COMPONENTS OF CONTRACT PLANS SET**

ROADWAY PLANS  
 SQUARE AND PAVEMENT MARKING PLANS  
 STRUCTURE PLANS

A DETAILED INDEX APPEARS ON THE  
 KEY SHEET OF EACH COMPONENT

**INDEX OF ROADWAY PLANS**

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3	DR IMAGE MAP
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7	TYPICAL SECTIONS DETAIL
8-9	SUMMARY OF QUANTITIES
10	SUMMARY OF DRAINAGE STRUCTURES
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COVERING STANDARDS AND SPECIFICATIONS:  
 FLORIDA DEPARTMENT OF TRANSPORTATION,  
 DESIGN STANDARDS DATED 2010  
 AND STANDARD SPECIFICATIONS FOR ROAD AND  
 BRIDGE CONSTRUCTION DATED 2001,  
 AS AMENDED BY CONTRACT DOCUMENTS.

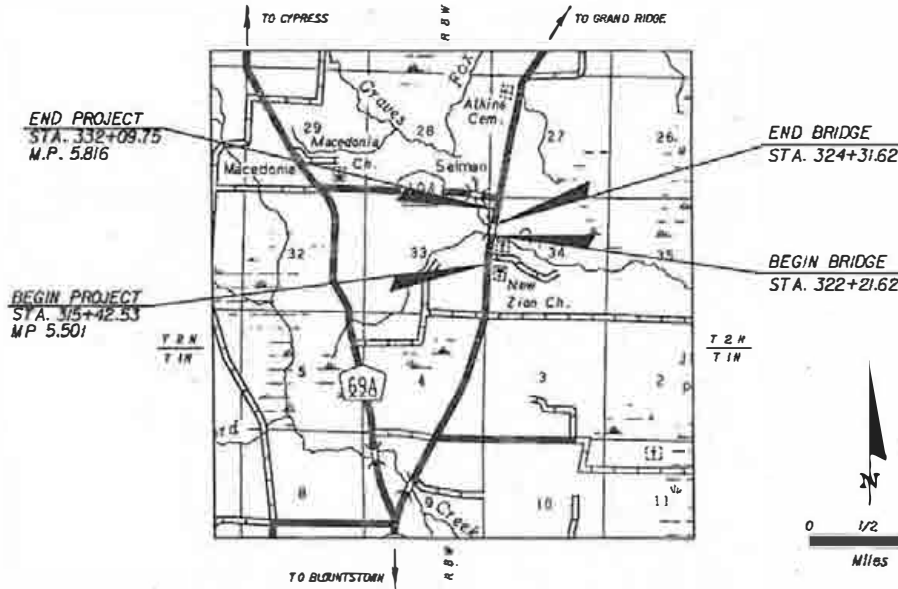
APPLICABLE DESIGN STANDARDS  
 SPECIFICATIONS 01-01-2003  
 For Design Standards Specifications click on  
 Design Standards at the following web site:  
<http://www.dot.state.fl.us/roads/designstandards/standards.shtml>

REVISIONS

**STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION**

**CONTRACT PLANS**

FINANCIAL PROJECT ID 423234-1-52-01  
 (FEDERAL FUNDS)  
 CALHOUN COUNTY (47030)  
 STATE ROAD 69



PROJECT LENGTH IS BASED ON R OF SURVEY

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1457.88	0.276
BRIDGES	210.00	0.039
NET LENGTH OF PROJECT	1667.88	0.315
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	1667.88	0.315

FDOT PROJECT MANAGER: CLAY HUNTER, P.E.

KEY SHEET REVISIONS	
DATE	DESCRIPTION



ROADWAY SHOP DRAWINGS  
 TO BE SUBMITTED TO:

MATTHEW S. STEEN, P.E.  
 JOHNSON, MORGAN & THOMPSON  
 615 CRESCENT EXECUTIVE COURT, SUITE 106  
 LAKE MARY, FL 32746

PLANS PREPARED BY:



JOHNSON, MORGAN & THOMPSON  
 615 CRESCENT EXECUTIVE COURT, SUITE 106  
 LAKE MARY, FLORIDA 32746  
 CERTIFICATE OF AUTHORIZATION NO. 997  
 CONTRACT NO. C-847  
 VENDOR NO. S2-0863531

NOTE: THE SOCIAL SECURITY NUMBER HAS CHANGED



ROADWAY PLANS ENGINEER OF RECORD: MATTHEW S. STEEN, P.E.

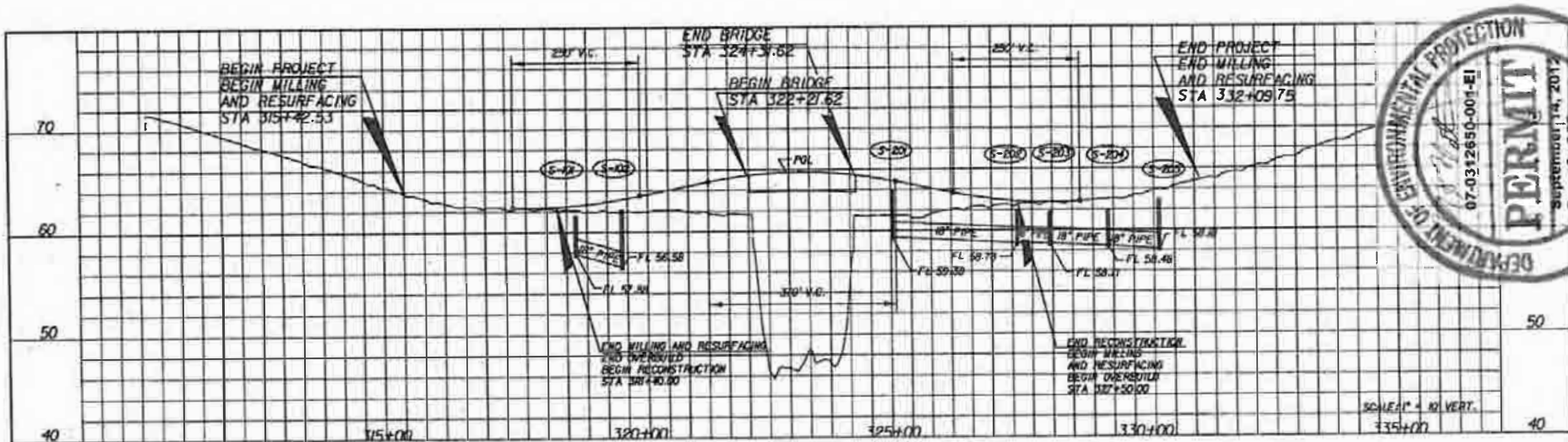
P.E. NO. 60407

SR 69 (GRAND RIDGE HIGHWAY)  
 BRIDGE REPLACEMENT OVER  
 GRAVES CREEK

FISCAL YEAR	SHEET NO.
14	1

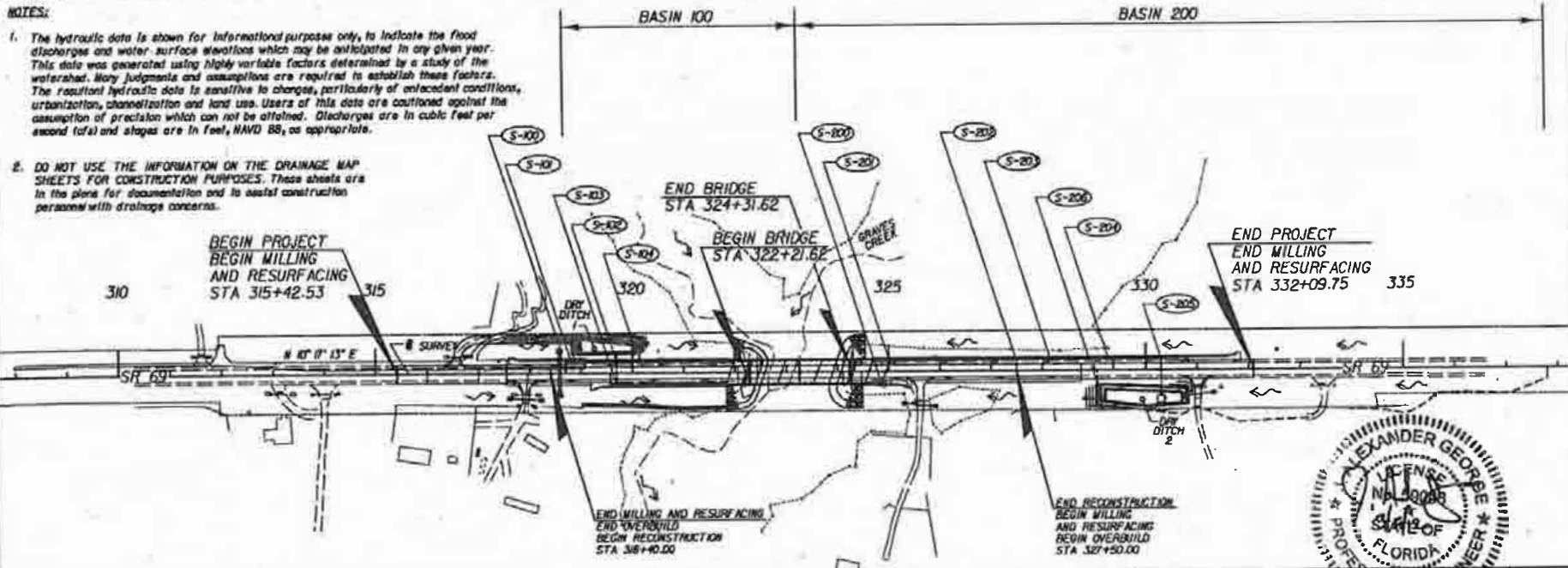
EXHIBIT 1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6100-21.003, F.A.C.



NOTES:

1. The hydraulic data is shown for informational purposes only, to indicate the flood discharges and water surface elevations which may be anticipated in any given year. This data was generated using highly variable factors determined by a study of the watershed. Many judgments and assumptions are required to establish these factors. The resultant hydraulic data is sensitive to changes, particularly of antecedent conditions, urbanization, channelization and land use. Users of this data are cautioned against the assumption of precision which can not be afforded. Discharges are in cubic feet per second (cfs) and slopes are in feet, H&V 88, as appropriate.
2. DO NOT USE THE INFORMATION ON THE DRAINAGE MAP SHEETS FOR CONSTRUCTION PURPOSES. These sheets are in the plans for documentation and to assist construction personnel with drainage concerns.



REVISIONS		DATE		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

J. ALEXANDER GEORGE, P.E. No. 80004

JOBSON, MERRIFIELD & THOMPSON  
 605 CHEROKEE EXECUTIVE CENTER, SUITE 206  
 LAKE WARE, FL 32946 PHONE 407-433-9800  
 CERTIFICATE OF AUTHORIZATION No. 0397

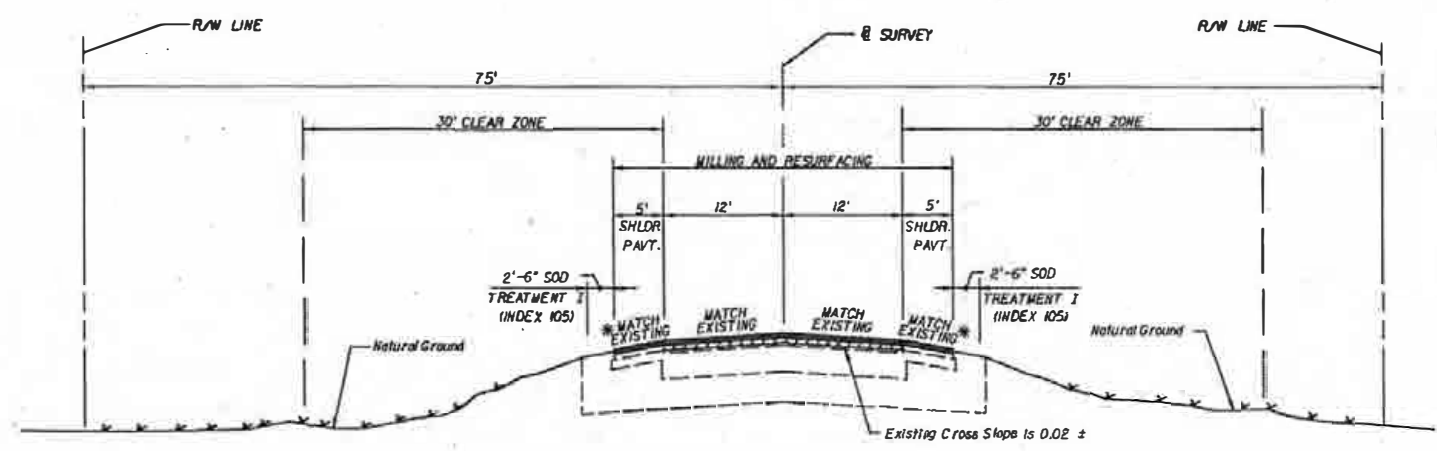
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	42T234-1-52-01

ALEXANDER GEORGE  
 LICENSE  
 No. 20008  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

SHEET NO.  
3

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-33.003, F.A.C.



TYPICAL SECTION  
SR 69

STA. 315+42.53 TO STA. 318+40.00  
STA. 327+50.00 TO STA. 332+09.75

\* SEE SHOULDER DETAILS FOR LIMITS OF SHOULDER RECONSTRUCTION

MILLING

MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)

RESURFACING

AND FRICTION COURSE FC-9.5 (TRAFFIC BII") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 4100  
ESTIMATED OPENING YEAR = 2015 AADT = 4700  
ESTIMATED DESIGN YEAR = 2029 AADT = 6200  
K = 11.48% D = 64.03% T = 9.82% (24 HOUR)  
DESIGN SPEED = 55 MPH  
POSTED SPEED = 55 MPH

NOTES:

1. MILLING OPERATIONS IN TRAVEL LANES ARE RESTRICTED TO ONLY THAT AREA WHICH CAN BE MILLED AND RESURFACED WITHIN THE SAME WORK OPERATION AND PRIOR TO OPENING TO TRAFFIC.
2. SHOULD THE BASE BE EXPOSED BY MILLING OPERATIONS, THE CONTRACTOR SHALL RE-GRADE AND RESTORE THE BASE TO ITS ORIGINAL CONDITION.
3. DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WIDTHS FOR WORK ZONES.

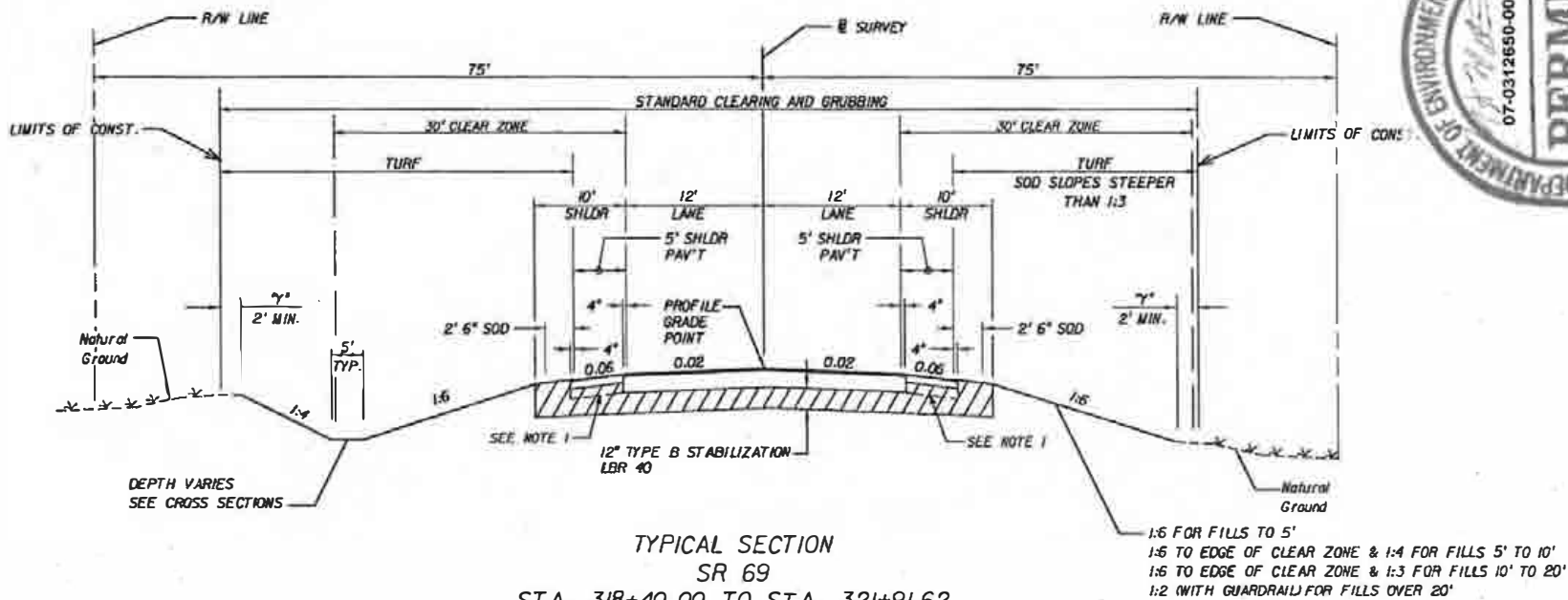


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EXHIBIT 1

REVISIONS		DATE		DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO. 69	COUNTY CALHOUN	FINANCIAL PROJECT ID 423234-1-52-01	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION						
					<b>TYPICAL SECTION</b>				

MATTHEW S. STEEN, P.E. No. 15401  
**JMT**  
JOHN M. THOMPSON & THOMPSON  
645 CHESTNUT EXECUTIVE CENTER, SUITE 402  
LAKE WARE, FL 32043, PHONE 407-333-9899  
CERTIFICATE OF AUTHORIZATION No. 504



TYPICAL SECTION  
 SR 69  
 STA. 318+40.00 TO STA. 321+91.62  
 STA. 324+61.62 TO STA. 327+50.00

RECONSTRUCTION

OPTIONAL BASE GROUP 6 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2") (PG 76-22)  
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1 WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1") (PG 76-22)  
 AND FRICTION COURSE FC-9.5 (TRAFFIC B) (1") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 4100  
 ESTIMATED OPENING YEAR = 2015 AADT = 4700  
 ESTIMATED DESIGN YEAR = 2029 AADT = 6200  
 K = 11.48% D = 64.09% T = 9.82% (24 HOUR)  
 DESIGN SPEED = 55 MPH  
 POSTED SPEED = 55 MPH



NOTES:

1. AT CONTRACTOR'S OPTION, THIS AREA MAY BE CONSTRUCTED OF BASE MATERIAL AT NO ADDITIONAL COMPENSATION.
2. DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WIDTHS FOR WORK ZONES.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 6A05-3.000, F.A.C.

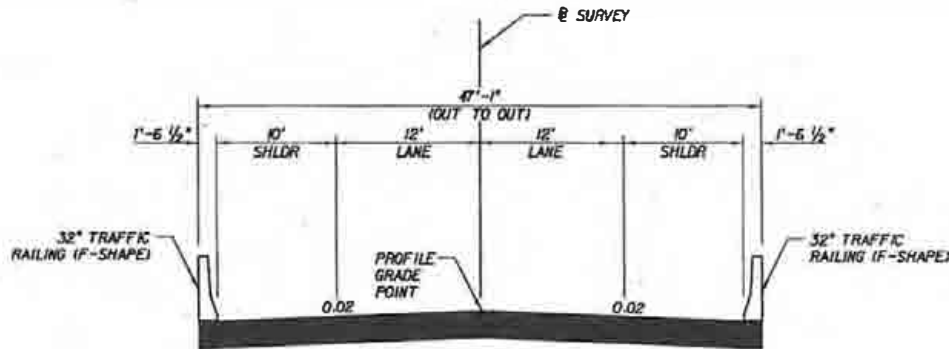
EXHIBIT 1

REVISORS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	HEAD NO.	COUNTY	
				69	CALHOUN	423234-1-52-01

MATTHEW S. STEEN, P.E. No. 12401  
**JMT**  
 JAMESON, BROWNING & THOMPSON  
 60 ONESEVENTH EXECUTIVE CENTER SUITE 100  
 LAKE HAVY, FL 32746. PHONE 407-331-9000  
 CERTIFICATE OF AUTHORIZATION No. 1-397

TYPICAL SECTION

5



BRIDGE TYPICAL SECTION  
 SR 69  
 STA. 321+91.62 TO STA. 324+61.62



**TRAFFIC DATA**

CURRENT YEAR = 2008 AADT = 4100  
 ESTIMATED OPENING YEAR = 2015 AADT = 4700  
 ESTIMATED DESIGN YEAR = 2029 AADT = 6200  
 K = 11.48% D = 64.09% T = 9.82% (24 HOUR)  
 DESIGN SPEED = 55 MPH  
 POSTED SPEED = 55 MPH

\* INCLUDES APPROACH SLABS

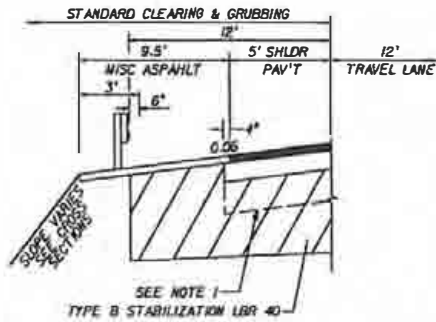
STA. 321+91.62 TO 322+21.62  
 STA. 324+31.62 TO 324+61.62

FRICTION COURSE FC 9.5 (TRAFFIC B) (I)" (PG 76-22)



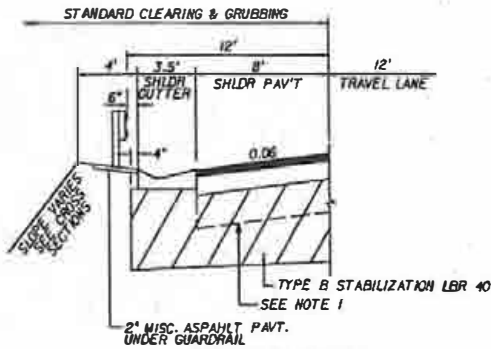
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REVISIONS				<small>MATTHEW E. STEEN, P.E. No. 80407</small>  <small>JUNIORSON, MURKIN &amp; THOMPSON</small> <small>605 ORCHARD EXECUTIVE COURT, SUITE 100</small> <small>LAKE MARY, FL 32746 PHONE 407-853-9600</small> <small>CERTIFICATE OF AUTHORIZATION No. 1007</small>	<small>STATE OF FLORIDA</small> <small>DEPARTMENT OF TRANSPORTATION</small>			<b>TYPICAL SECTION</b>	SHEET NO.  6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				69	CALHOUN	423234-1-52-01			



**SHOULDER DETAIL**  
 STA. 317+59.50 TO STA. 318+70.00 LT  
 STA. 319+18.50 TO STA. 319+60.96 RT  
 STA. 324+94.53 TO STA. 325+43.74 RT  
 STA. 330+37.67 TO STA. 332+09.75 LT

OPTIONAL BASE GROUP I WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B)(11"KPG 76-22)  
 AND FRICTION COURSE FC-9.5 (TRAFFIC B)(11"KPG 76-22)

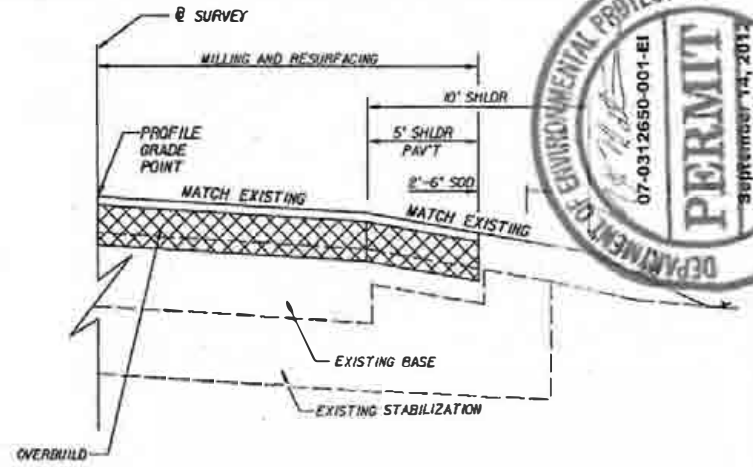


**SHOULDER DETAIL**  
 STA. 318+70.00 TO STA. 321+99.63 LT  
 STA. 324+69.63 TO STA. 330+37.67 LT  
 STA. 319+60.96 TO STA. 321+83.61 RT  
 STA. 324+53.61 TO STA. 324+94.53 RT

OPTIONAL BASE GROUP I WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B)(11"KPG 76-22)  
 AND FRICTION COURSE FC-9.5 (TRAFFIC B)(11"KPG 76-22)

**NOTE:**

1. AT CONTRACTOR'S OPTION, THIS AREA MAY BE CONSTRUCTED OF BASE MATERIAL AT NO ADDITIONAL COMPENSATION.



**OVERBUILD DETAIL**  
 STA. 317+55.00 TO STA. 318+40.00  
 STA. 327+50.00 TO STA. 328+75.00

**MILLING**  
 MILL EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)

**OVERBUILD**  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B)(1 1/2"-3 1/2"KPG 76-22)(12" AVG. DEPTH)

**RESURFACING**  
 AND FRICTION COURSE FC-9.5 (TRAFFIC B)(11"KPG 76-22)



**TURNOUT CONSTRUCTION DRIVEWAY**  
 OPTIONAL BASE GROUP I WITH  
 TYPE SP STRUCTURAL COURSE (TRAFFIC B)(11"KPG 76-22)

STA 316+60.00 (LT)  
 STA 317+91.56 (RT)  
 STA 325+61.00 (RT)  
 STA 331+01.41(RT)



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER INLE 8005-23.005, F.A.C.

REVISIONS				DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION							
						MATTHEW S. STEEN, P.E., No. 80407 <b>JMT</b> JOHNSON, DEWILBUSH & THOMPSON 85 CRENSHAW EXECUTIVE COURT, SUITE 400 LAKE HAVY, FL 33496 PHONE 407-353-8988 CERTIFICATE OF AUTHORIZATION No. 1587	69	CALHOUN	423234-1-52-D1	7

**TYPICAL SECTION DETAILS**

EXHIBIT 1

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	STORM AND CROSS DRAIN OPTIONAL MATERIAL		INLET TYPE D	GUTTER INLETS	MES		REMARKS
								18"	18" x 30"			400	S	
	S-100	318+58.00	RT/LT	MES, PIPE, MES	2	18" x 30"	75	18"	18" x 30"	<10'	<10'	18"	18" x 30"	1:4
	S-101	318+77.67	LT	INLET, PIPE	1	18"	87							
	S-102	319+68.63	LT	INLET, PIPE, MES	1	18"	11							1:2
	S-103	319+68.63	RT	INLET, PIPE	1	18"	42							
	S-104	320+05.00	LT	INLET, PIPE, MES	1	18"	21							1:4
	S-100	324+86.86	RT	INLET, PIPE	1	18"	45							
	S-201	325+02.88	LT	INLET, PIPE	1	18"	243							
	S-202	327+50.00	LT	INLET, PIPE	1	18"	62							
	S-203	328+14.62	LT	INLET, PIPE	1	18"	11							
	S-204	329+30.00	LT	INLET, PIPE	1	18"	57							
	S-205	330+30.00	LT	INLET, PIPE, MES	1	18"	57							1:4
	S-206	329+20.00	RT	INLET, PIPE, MES	1	18"	31							1:4
<b>SHEET TOTALS</b>				PLAN QUANTITY				807	150	2	9	4	4	
				FINAL QUANTITY										



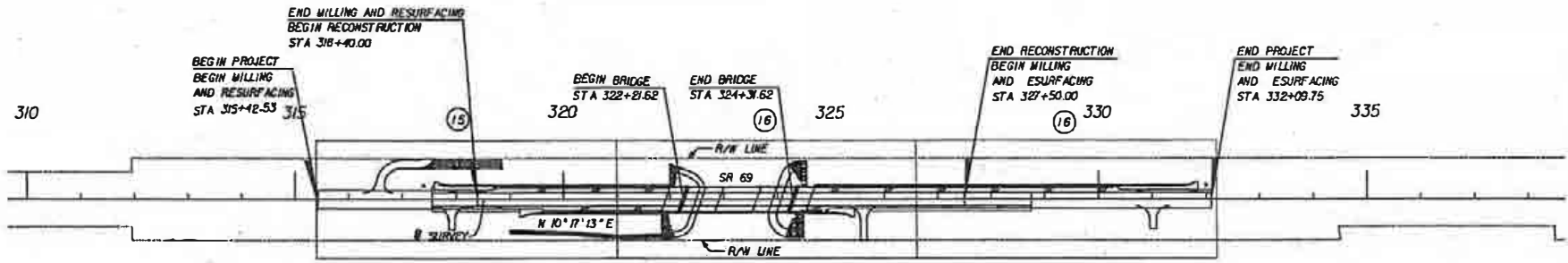
LOCATION		PIPE LENGTH (LF)				MES ROUND (EA)					REMARKS					
STATION LOCATION @ E OF D/W	SIDE	BACK		AHEAD		15"	18"	24"	30"	36"		15"	18"	24"	30"	36"
		OFFSET	F.L.	OFFSET	F.L.											
P F P F P F	315+81.30 317+92.00 325+61.00 331+02.00	LT RT RT RT	- 47.00 61.40 50.50	- 57.25 51.17 59.50	33.60 49.70 66.40 43.50	58.80 56.27 51.48 60.90		4				1				1:4 1:4 1:4 1:4
<b>TOTALS</b>							52	96				3	4			



NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER INOLE 1005-21.000, F.A.C.

REVISORS DATE DESCRIPTION DATE DESCRIPTION		J. ALEXANDER GEORGE, P.E. No. 10000 <b>JMT</b> JOHNSON, HUBBARD & THOMPSON 815 CHERRY CREEK DR. SUITE 100 LAKE HAVAS, FL 32446 PHONE 904-833-9988 CERTIFICATE OF AUTHORIZATION No. 1 587	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID 69 CALHOUN 423234-1-52-01	SUMMARY OF DRAINAGE STRUCTURES	SHEET NO. 10
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EXHIBIT 1



REVISIONS		DATE		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION		

<b>MATTHEW S. STEEN, P.E. (No. 6540)</b> <b>JMTT</b> JOHNSON, MERRIMAN & THOMPSON 805 PRESIDENT EXECUTIVE COURT, SUITE 126 LAKE NASSAU, FL 32046 PHONE 407-933-8888 CERTIFICATE OF AUTHORIZATION No. 1-550			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>PROJECT LAYOUT</b>	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13			
69	CALHOUN	423234-1-52-01					

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 605-23.003, F.A.C.



**GENERAL NOTES:**

1. THIS PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/99 HORIZONTAL DATUM. THE VERTICAL DATUM IS BASED ON NAVD 1988.
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
3. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED W<sub>1</sub>, W<sub>2</sub>, AND W<sub>3</sub>) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
4. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
5. ALL DRAINAGE STRUCTURES (WITH THE EXCEPTION OF S-100) HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET SHOWS ALL MATERIALS ALLOWED AS WELL AS INDICATING WHICH MATERIAL IS PLOTTED ON THESE SHEETS AND USED AS THE BASIS FOR PAY QUANTITIES.
6. ANY PUBLIC LAND CORNER OR ANY MONUMENT THAT PERPETUATES THE FOOT RUN WITHIN THE PROJECT LIMITS IS TO BE PROTECTED BY THE CONTRACTOR. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE CONTRACTOR IS TO ENSURE THAT IT IS PROPERLY REFERENCED AND RESET PRIOR TO PROJECT COMPLETION. THE MONUMENTS SET SHALL MEET MINIMUM TECHNICAL STANDARDS AS DEFINED IN 6807, F.A.C. AND CURRENT FOOT SURVEYING STANDARDS.
7. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
8. ALL EROSION CONTROL ITEMS AND SURVEY STAKES SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
9. IF THE LIMEROCK BASE OPTION IS CONSTRUCTED FOR THE WIDENING OR PAVED SHOULDER BASE, THE EXCESS LIMEROCK FROM THE CLIPPING OF THE LIMEROCK BASE SHALL NOT BE SPOILED ON THE SHOULDERS OR SLOPES OUTSIDE THE LIMITS OF THE BASE CONSTRUCTION. THE LIMEROCK WILL BE REMOVED FROM THE PROJECT SITE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS REMOVAL.
10. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ADMINISTRATOR. THE CONTRACTOR SHALL PROVIDE THE DISTRICT CONTAMINATION IMPACTS COORDINATOR (DCIC) WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE PROJECT ADMINISTRATOR SHALL COORDINATE WITH THE DCIC PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR NOTIFY THE DCIC AND COMPLY WITH SECTION 6-4.9 OF STANDARD SPECIFICATIONS.
11. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL OF FLORIDA, INC. (1-800-432-6770) AND UTILITY OWNERS LISTED BELOW, TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE, OR CALL 811.

**UTILITY OWNERS:**

<b>COMPANIES</b>	<b>TELEPHONE</b>
FAIRPOINT COMMUNICATIONS	850-229-7338
WEST FLORIDA ELECTRIC CO-OP	800-342-7400

12. ALL CONSTRUCTION DEBRIS, INCLUDING MILLED ASPHALT, GENERATED BY THE CONTRACTOR DURING CONSTRUCTION OF THIS PROJECT SHALL BE DISPOSED OF IN APPROVED DISPOSAL SITES, FURNISHED BY THE DISTRICT.
13. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT ALL PROPER PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION.
14. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS WITHIN THE LIMITS OF CONSTRUCTION AND SHALL NOT EXCEED THE LIMITS OF ALLOWABLE WETLANDS SHOWN ON THE CONTRACT PLANS. ANY OFF-SITE STORAGE AREA WILL REQUIRE PRIOR REVIEW BY FOOT DISTRICT ENGINEER. THE CONTRACTOR WILL SUBMIT A REQUEST FOR USE OF OFF-SITE AREAS TO MS. BLAIR MARTIN, DISTRICT ENGINEER, P.O. BOX 607, CHIPLEY, FL. 32428-0607.
15. IF A MONITORING WELL IS ENCOUNTERED WITHIN OR ADJACENT TO THE PROJECT CORRIDOR, AND IS NOT SHOWN IN THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DISTRICT CONTAMINATION IMPACTS COORDINATOR OR DISTRICT ENVIRONMENTAL MANAGER AT (850) 638-0250.
16. THE CONTRACTOR SHALL RETURN ALL TEMPORARILY DISTURBED AREAS TO PRE-CONSTRUCTION ELEVATIONS. ALL EXPOSED SOILS SHALL BE SODED ON SLOPES AND SODED OR SEEDDED IN ALL OTHER AREAS.

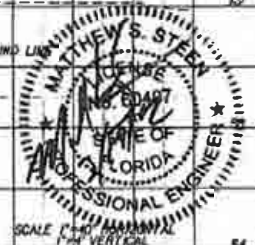
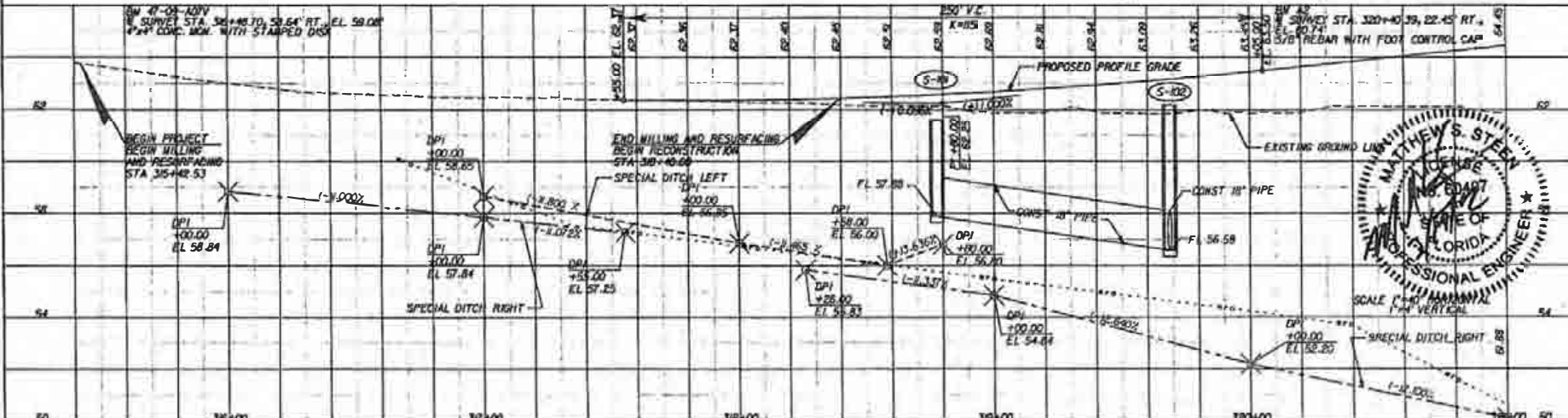
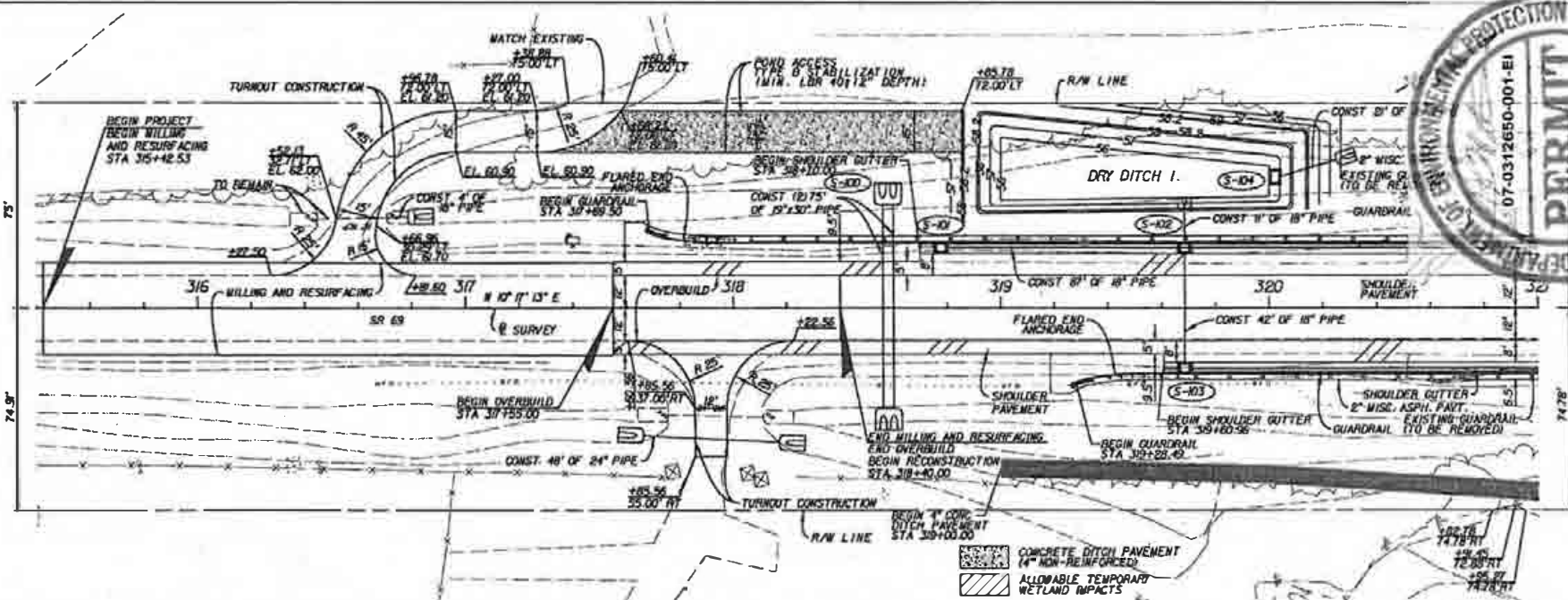


EXHIBIT 1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 6005-03.001, F.A.C.

REVISIONS				MATTHEW S. STEEN, P.E. (NO. 12407) <b>JMT</b> JOHNSON, MURPHY & THOMPSON ONE CHESSLANT EXECUTIVE COURT, SUITE 200 LAKE NASSAU, FL 32746 PHONE 407-833-9888 CERTIFICATE OF AUTHORIZATION NO. 1387	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					69	CALHOUN	423234-1-52-01	

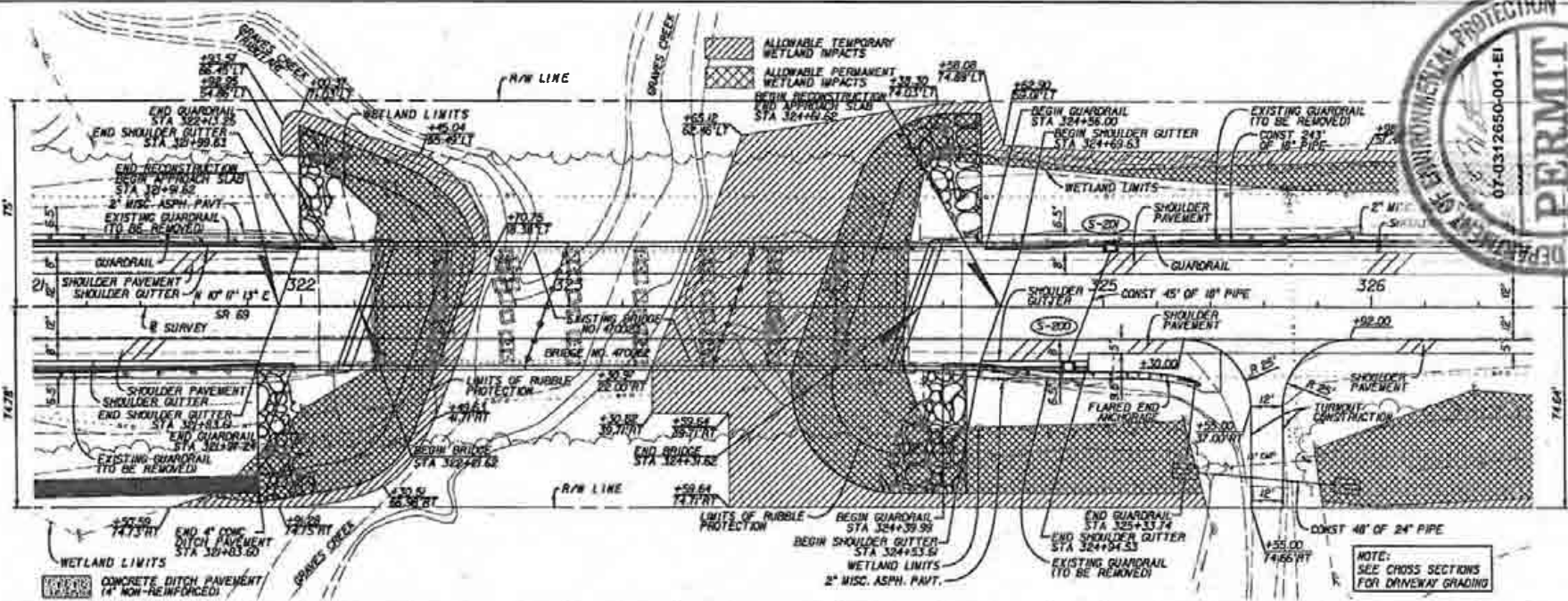
**GENERAL NOTES**



REVISIONS		DATE		DESCRIPTION	

MATTHEW S. STEEN, P.E. IN 60407 <b>JMT</b> JOHNSON, MERRITT & THOMPSON 415 OFFSHORE EXECUTIVE COURT, SUITE 100 LAKE NASSAU, FL 32118 PHONE 407-313-3900 CERTIFICATE OF AUTHORIZATION No. 300		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN FINANCIAL PROJECT ID 423234-1-52-01	SHEET NO. 15
---	--	--	-----------------

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SAVED AND SEALED UNDER RULE 6005-23.001, F.A.C.



BY A3  
 R SURVEY STA. 32+25.30, 24+42 RT.  
 E.L. 60.69  
 5/8" REBAR WITH FOOT CONTROL CAP

BY 17-00-AGV  
 R SURVEY STA. 325+08.94, 89.44 RT.  
 E.L. 57.79'  
 4" CONC. NWK. WITH STAMPED DISK

SEE FOLLOWING SHEET FOR PROFILE VIEW



REVISIONS		DATE	DESCRIPTION	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SHEET NO.
DATE	DESCRIPTION				

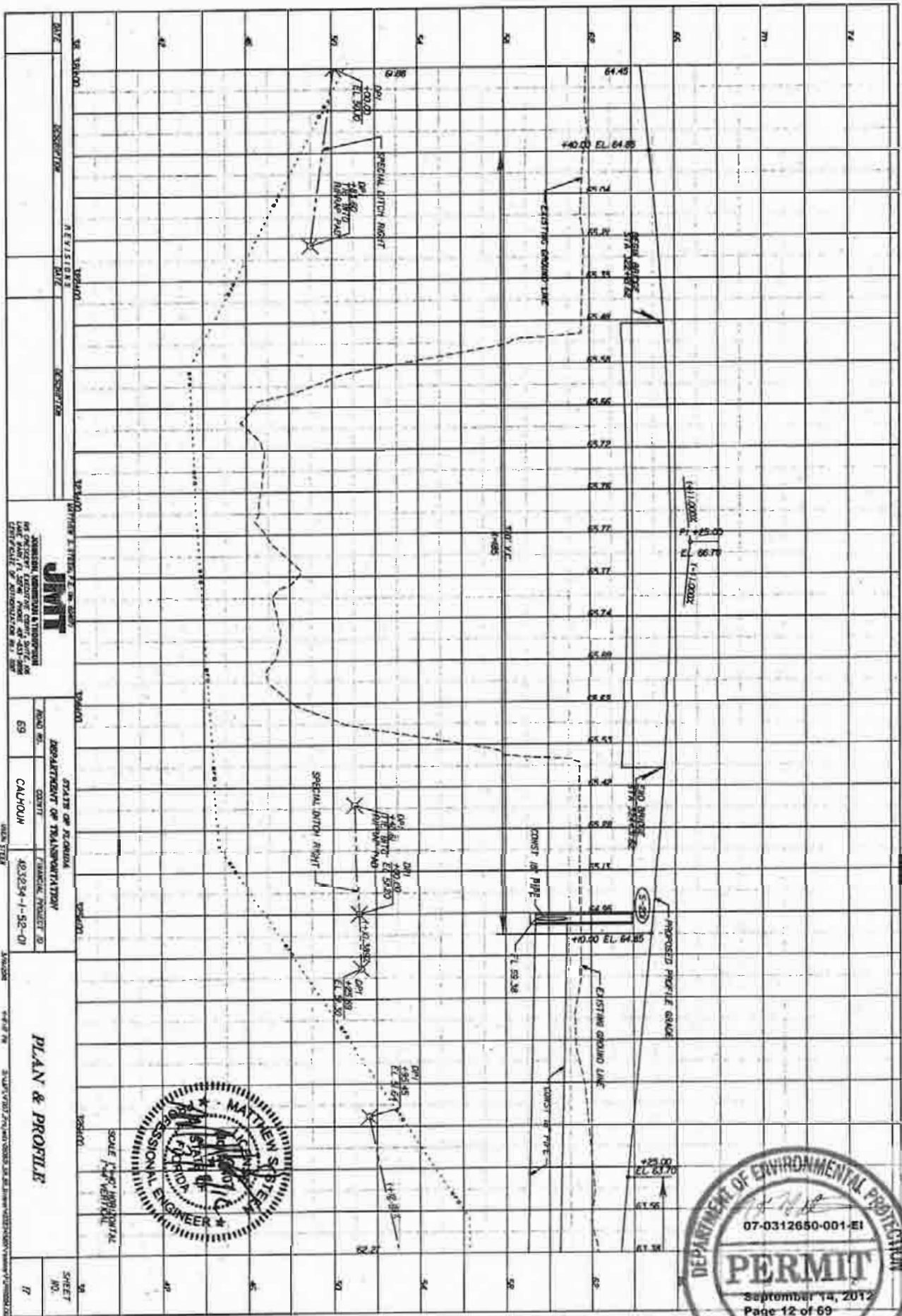
MATTHEW S. STEEN, P.E. (0407)

JOHNSON, MERRIFIELD & THOMPSON  
 905 CASCADILLA EXECUTIVE CENTER, SUITE 600  
 LAKE HAVEN, FL 32046. PHONE: 407-833-7600  
 CERTIFICATE OF AUTHORIZATION No. 2007

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

PLAN & PROFILE

15



DATE	REVISION	DESCRIPTION

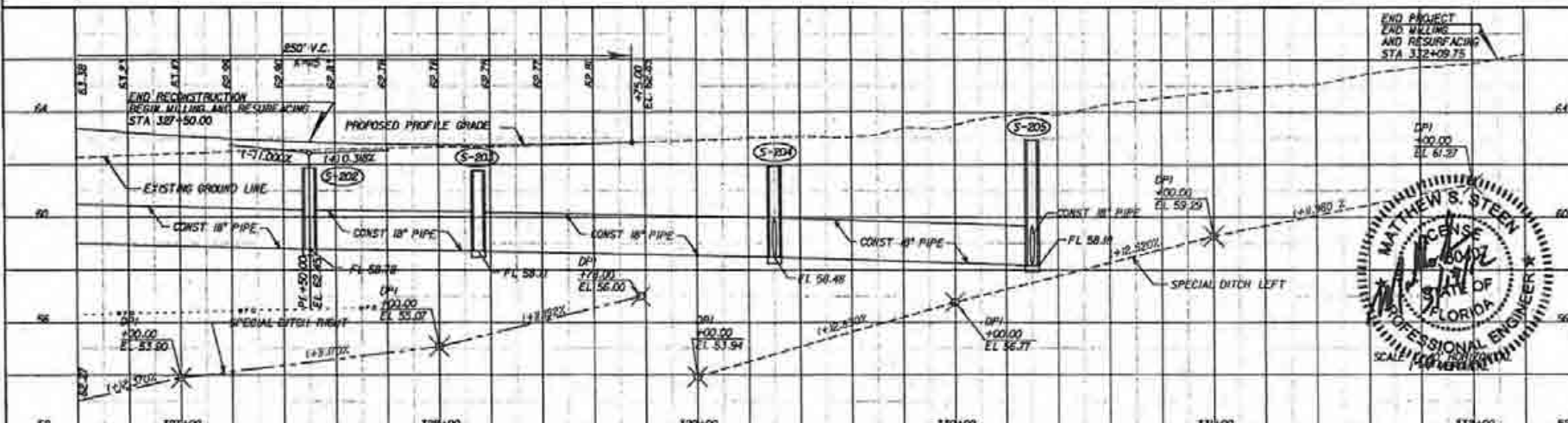
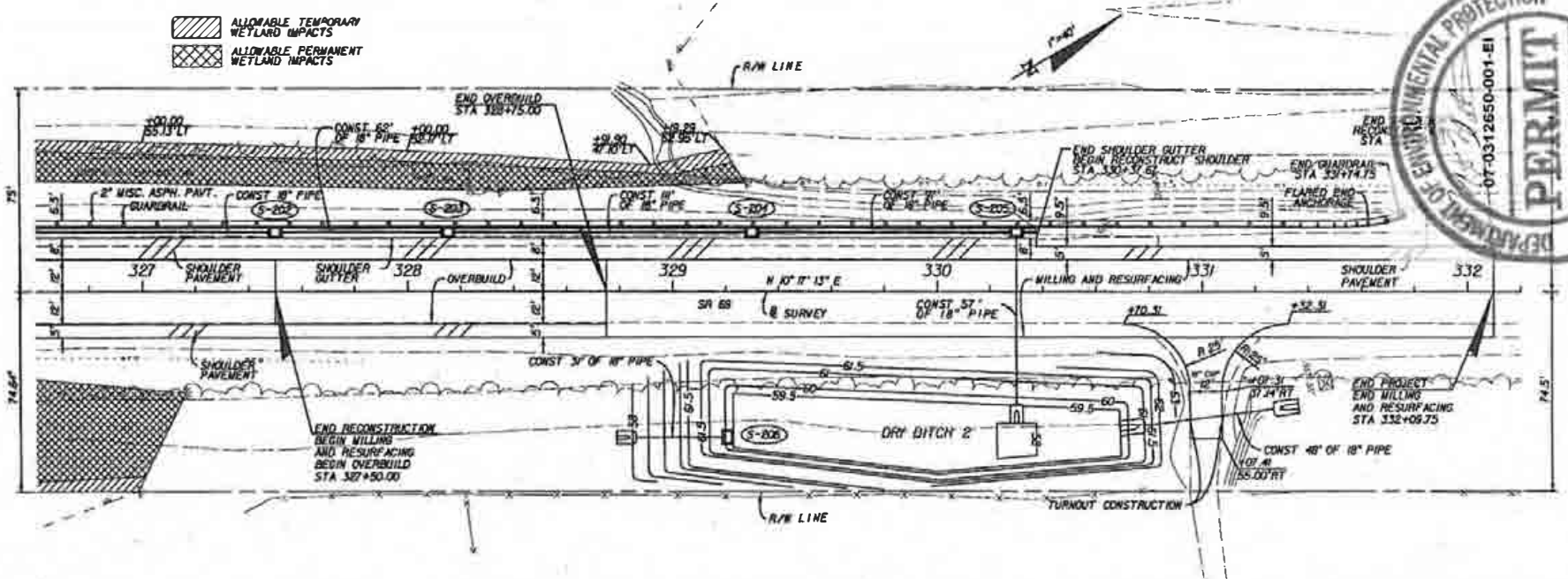
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69  
 COUNTY CALHOUN

DATE: 11/11/11  
 DRAWN BY: JMT  
 CHECKED BY: JMT  
 PROJECT NO. 40224-1-52-01

SCALE: AS SHOWN  
 SHEET NO. 17



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 69F5-23.001, F.A.C.



REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

**JMT**  
JENNIFER M. THOMPSON & THOMPSON  
AS CONSULTING ENGINEERS, SUITE 400  
LIME BAY, FL 32766, PHONE 407-831-9880  
CERTIFICATE OF AUTHORIZATION No. 307

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
E9	CALHOUN	423234-1-52-01

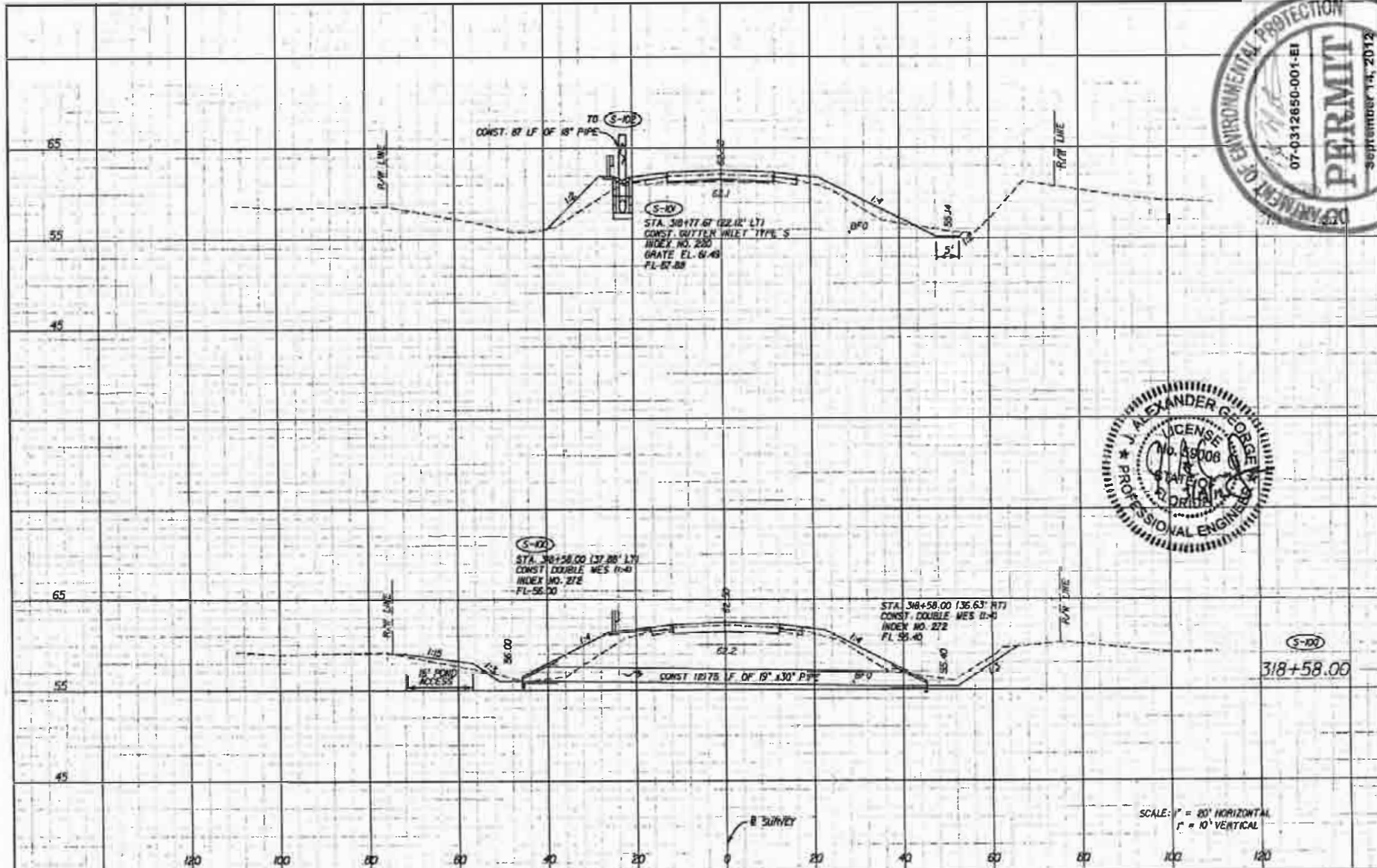
**MATTHEW S. STEEN**  
LICENSED PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
SCALE: 1"=40'

PLAN & PROFILE

SHEET NO.  
18

NOTED: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 1008-23.001, F.A.C.

EXHIBIT 1



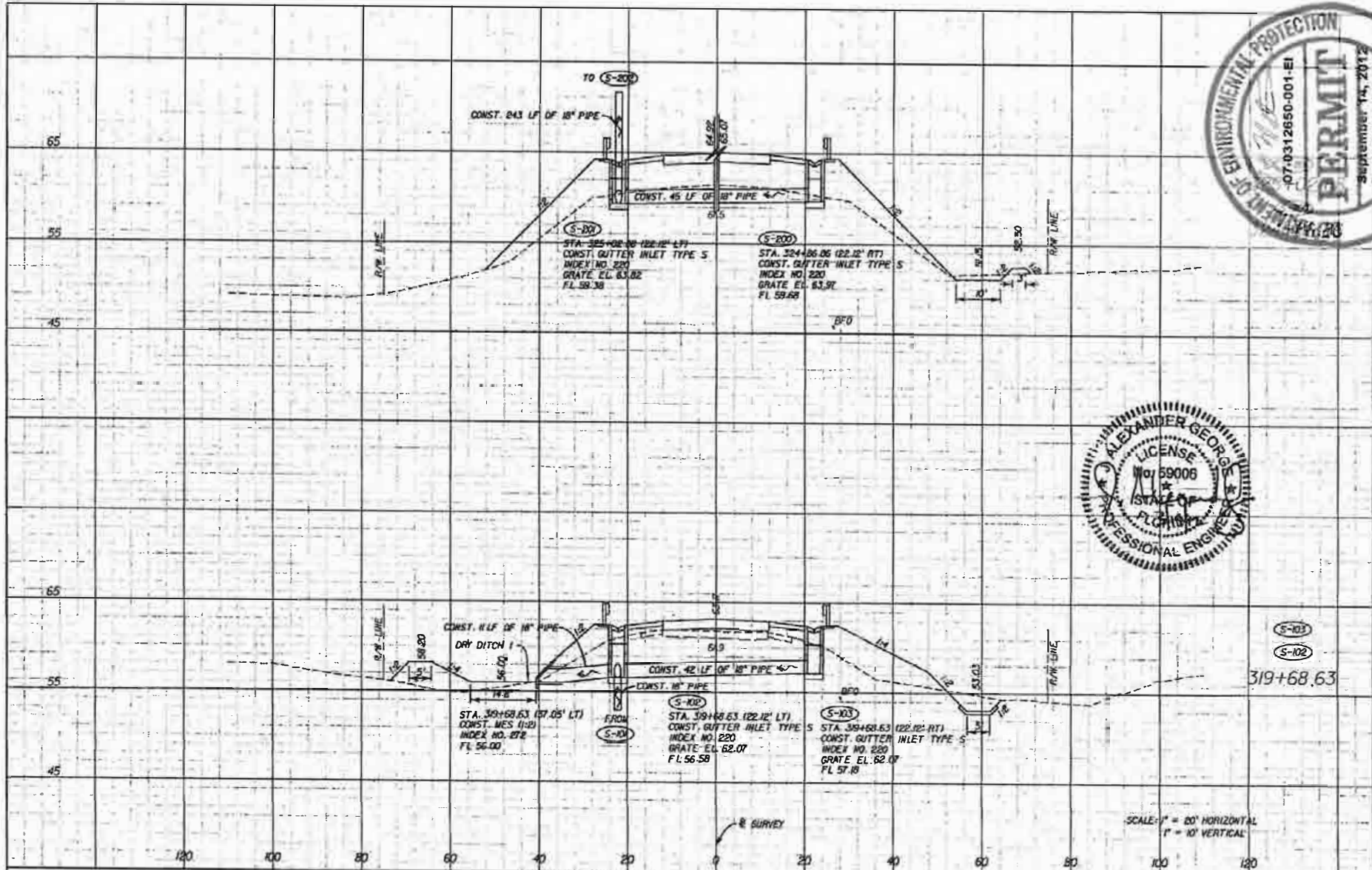
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 9005-83.000, F.A.C.

SCALE: 1" = 20' HORIZONTAL  
1" = 10' VERTICAL

DATE		REVISORS		DESCRIPTION		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DRAINAGE STRUCTURES		
					69	CALHOUN		423234-1-52-01	19

**JMT**  
 JOHNSON, MERRIMAN & THOMPSON  
 805 CHANCERY EXECUTIVE CENTER, SUITE 400  
 LAKE WARE, FL 32746 PHONE 407-833-9699  
 CERTIFICATE OF AUTHORIZATION No. 5097

EXHIBIT 1



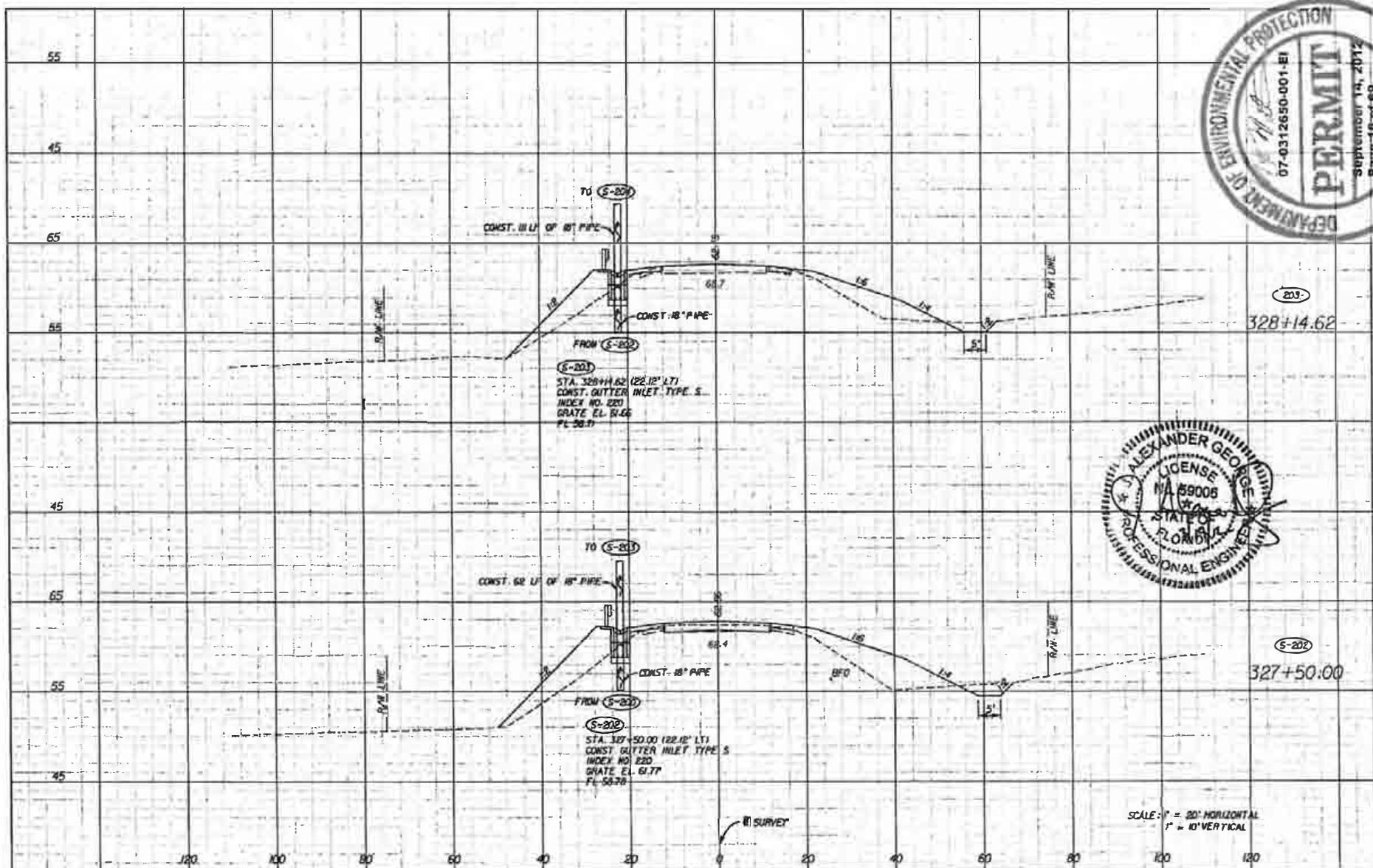
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-21.003, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

J. ALEXANDER GEORGE, P.E. No. 59008 <b>JMT</b> JOHNSON, JOHNSON & THOMPSON 86 CRENSHAW EXECUTIVE COURT, SUITE 108 LAKE WORTH, FL 33466 PHONE 407-433-9898 CERTIFICATE OF AUTHORIZATION No. 1387			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID 69 CALHOUN 423234-1-52-01		SHEET NO. 20
--	--	--	---	--	-----------------



EXHIBIT 1



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68B5-03.001, F.A.C.

DATE		REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION	DATE	DESCRIPTION

J. ALEXANDER GEORGE, P.E. No. 50266  
**JMT**  
 JOHNSON, MCDERMOTT & THOMPSON  
 815 CHESTNUT EXECUTIVE CENTER, SUITE 100  
 LAKE MARY, FL 32746. PHONE 407-633-9000  
 CERTIFICATE OF AUTHORIZATION No. 1007

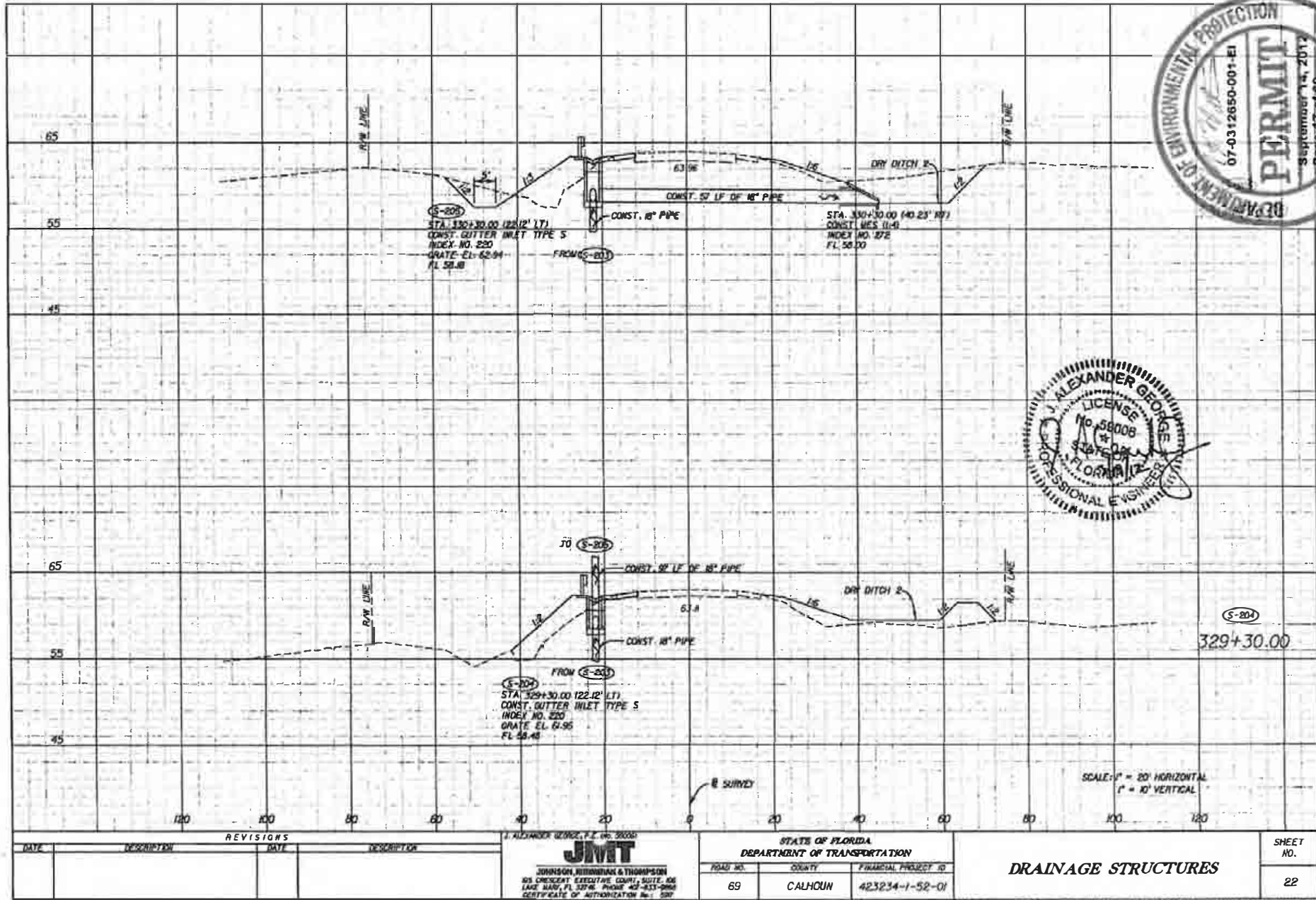
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69    COUNTY CALHOUN    FINANCIAL PROJECT ID 423234-1-52-01

**DRAINAGE STRUCTURES**

SHEET NO.  
21



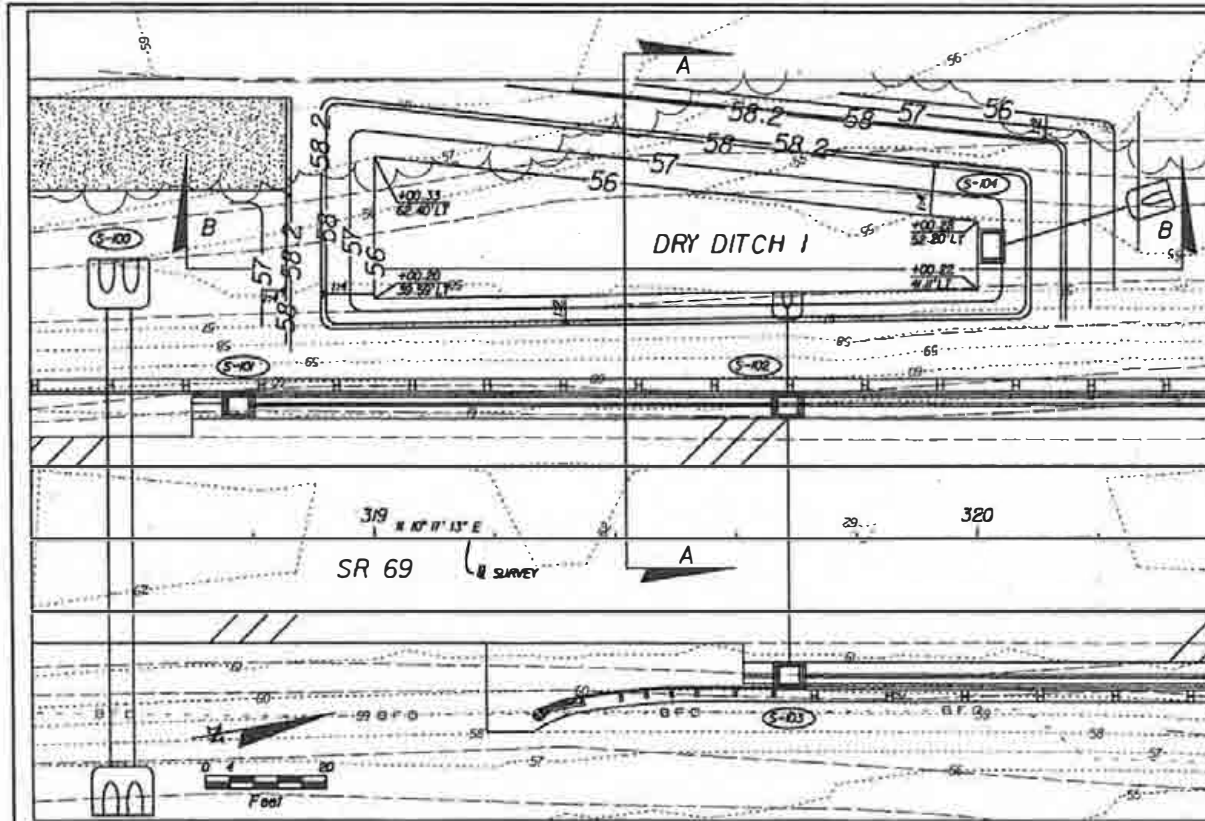
EXHIBIT 1



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-23.003, F.A.C.

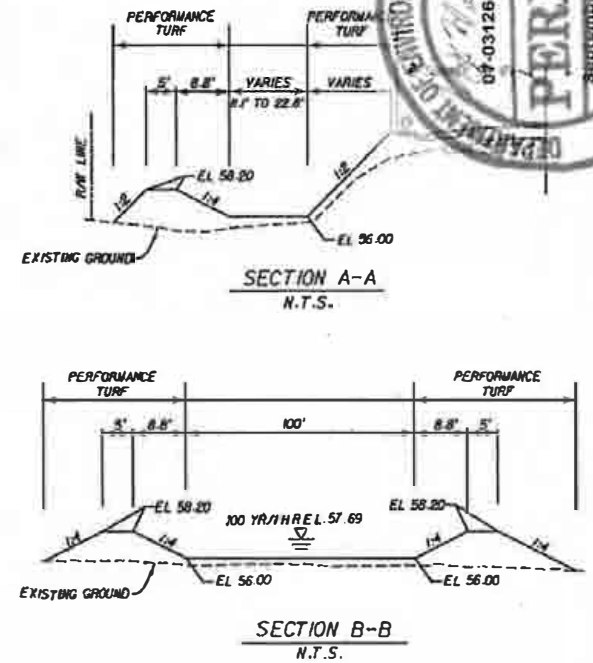
REVISIONS		DATE		DESCRIPTION
DATE	DESCRIPTION	DATE	DESCRIPTION	

<b>JMT</b> JOHNSON, ROBINSON & THOMPSON 605 CRENSHAW EXECUTIVE COURT, SUITE 400 LAKE MANA, FL 32749. PHONE 407-833-9960 CERTIFICATE OF AUTHORIZATION No. 5207		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		<b>DRAINAGE STRUCTURES</b>	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			22
69	CALHOUN	423234-1-52-01			



**GENERAL NOTES:**

1. SEE TEMPORARY TRAFFIC CONTROL PLANS FOR SEQUENCE OF CONSTRUCTION FOR DRY DITCH 1.
2. INITIAL CONSTRUCTION OF DRY DITCH SHALL BE ROUGH GRADED BY UNDER EXCAVATING THE DITCH BOTTOM AND SIDE SLOPE APPROXIMATELY 1 FOOT IF CONTRIBUTING DRAINAGE AREA IS NOT STABILIZED.
3. AFTER DRAINAGE AREA CONTRIBUTING TO THE DRY DITCH HAS BEEN FULLY STABILIZED, THE INTERIOR SIDE SLOPES AND DITCH BOTTOM SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS (LINES AND GRADES). THE EXCESS SOIL AND UNSUITABLE MATERIAL SHALL BE CAREFULLY EXCAVATED AND REMOVED FROM THE DITCH SO THAT ALL ACCUMULATED SILTS, CLAYS, AND ORGANICS, AND OTHER FINE SEDIMENT MATERIAL ARE REMOVED FROM THE DITCH. THE EXCAVATED MATERIAL SHALL BE DISPOSED OF BEYOND THE LIMITS OF DRAINAGE AREA OF THE DITCH.
4. ONCE THE DRY DITCH HAS BEEN EXCAVATED TO THE FINAL GRADE, THE ENTIRE DITCH BOTTOM SHOULD BE DUMP RAKED AND LOOSENEED FOR OPTIMAL INFILTRATION. THE DITCH BOTTOM SHALL NOT BE STABILIZED WITH PERFORMANCE TURF, BUT SHALL BE LEFT AS BARE EARTH.
5. NO FILL OR OTHER CONSTRUCTION MATERIALS SHALL BE STORED AND/OR PLACED WITHIN THE LIMITS OF THE DITCH EXCAVATION AREAS.
6. SEE DRAINAGE DETAILS FOR S-104 DETAILS.
7. SOILS EXCAVATED FROM DRY DITCH 1 OR TYPE A-3 SOILS MAY BE USED AS EMBANKMENT MATERIAL FOR DRY DITCH 1.



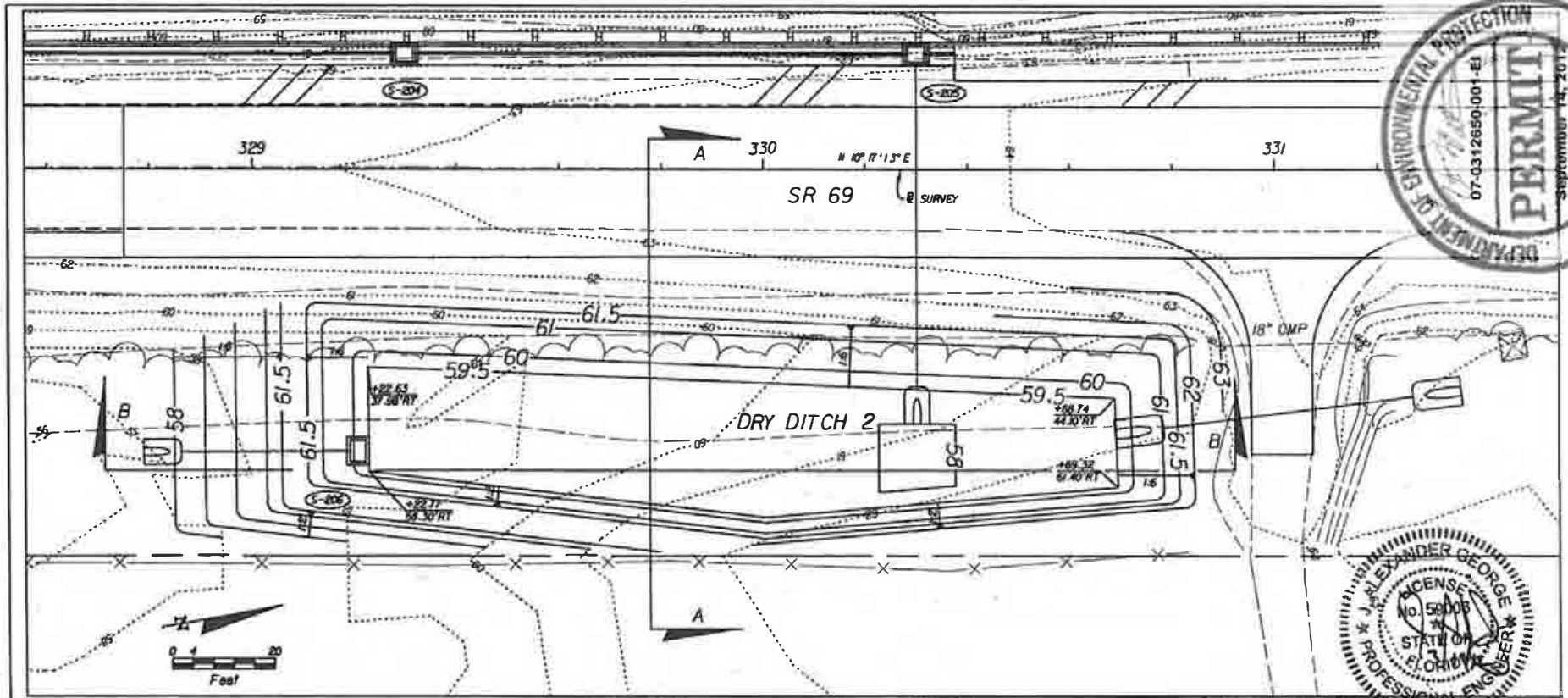
DRY DITCH 1

**DRAINAGE DETAILS**

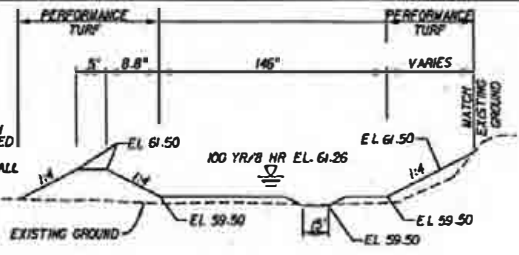
REVISIONS		DATE		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION		

<b>JMT</b> J. ALEXANDER GEORGE, P.E. No. 99016 CONSULTING ENGINEER & TRANSPORTATION 65 ONECREEK EXECUTIVE CENTER, SUITE 105 LAKE NARA, FL 32045 PHONE 407-811-5600 CERTIFICATE OF AUTHORIZATION No. 597			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SHEET NO. <b>23</b>
ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
69	CALHOUN	423234-1-52-01			

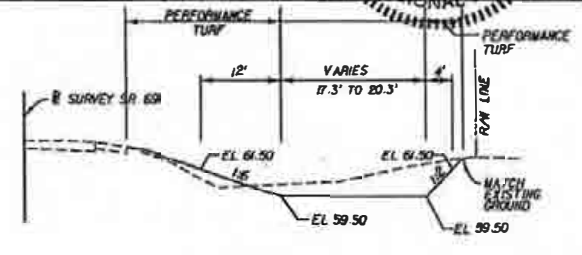
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-27.002, F.A.C.



- GENERAL NOTES:**
1. SEE TEMPORARY TRAFFIC CONTROL PLANS FOR SEQUENCE OF CONSTRUCTION FOR DRY DITCH 2.
  2. INITIAL CONSTRUCTION OF DRY DITCH SHALL BE ROUGH GRADED BY UNDER EXCAVATING THE DITCH BOTTOM AND SIDE SLOPE APPROXIMATELY 1 FOOT IF CONTRIBUTING DRAINAGE AREA IS NOT STABILIZED.
  3. AFTER DRAINAGE AREA CONTRIBUTING TO THE DRY DITCH HAS BEEN FULLY STABILIZED, THE INTERIOR SIDE SLOPES AND DITCH BOTTOM SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATION (LINES AND GRADES). THE EXCESS SOIL AND UNSUITABLE MATERIAL SHALL BE CAREFULLY EXCAVATED AND REMOVED FROM THE DITCH SO THAT ALL ACCUMULATED SILTS, CLAYS, AND ORGANICS, AND OTHER FINE SEDIMENT MATERIAL ARE REMOVED FROM THE DITCH. THE EXCAVATED MATERIAL SHALL BE DISPOSED OF BEYOND THE LIMITS OF DRAINAGE AREA OF THE DITCH.
  4. ONCE THE DRY DITCH HAS BEEN EXCAVATED TO THE FINAL GRADE, THE ENTIRE DITCH BOTTOM SHOULD BE DEEP RAKED AND LOOSENED FOR OPTIMAL INFILTRATION. THE DITCH BOTTOM SHALL NOT BE STABILIZED WITH PERFORMANCE TURF, BUT SHALL BE LEFT AS BARE EARTH.
  5. NO FILL OR OTHER CONSTRUCTION MATERIALS SHALL BE STORED AND/OR PLACED WITHIN THE LIMITS OF THE DITCH EXCAVATION AREAS.
  6. SEE DRAINAGE DETAILS FOR S-206 DETAILS.
  7. SOILS EXCAVATED FROM DRY DITCH 2 OR TYPE A-3 SOILS MAY BE USED AS EMBANKMENT MATERIAL FOR DRY DITCH 2.



SECTION B-B  
N.T.S.



SECTION A-A  
N.T.S.  
DRY DITCH 2

REVISIONS		DATE	DESCRIPTION

J. ALEXANDER GEORGE, P.E. No. 58008  
**JMT**  
 JOHNSON, MERRITT & THOMPSON  
 600 CHESTNUT EXECUTIVE COURT, SUITE 600  
 LAKE MANA, FL 32046 PHONE 407-511-9900  
 CERTIFICATE OF AUTHORIZATION No. 1997

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

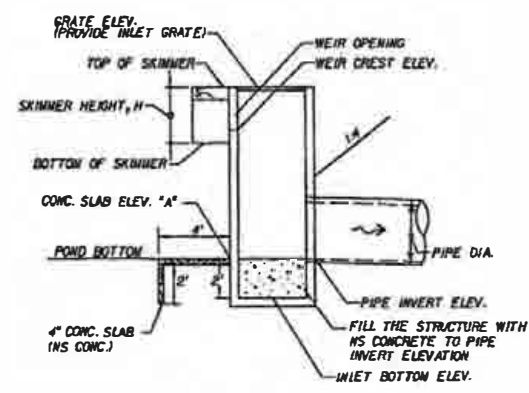
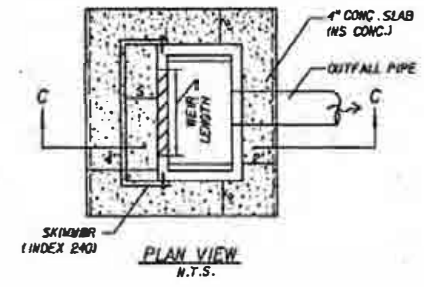
**DRAINAGE DETAILS**

SHEET NO.	24
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NOTED: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER FILE NO. 07-0312650-001-EI.

POND NO.	CONTROL STRUCTURE		STRUCTURE NO.	STRUCTURE TYPE	DIM. "S" (FT)	GRATE ELEV.	INLET BOTTOM ELEV.	WEIR CREST ELEV.	TOTAL WEIR LENGTH (FT)	TOP OF SKINNER	BOTTOM OF SKINNER	SKINNER HEIGHT H (IN)	POND BOTTOM ELEV.	OUTFALL PIPE		OUTFALL PIPE INVERT ELEV.		4" NS CONC. (SQ YD)	NS CONC. (CU YD)	CONC. SLAB ELEV. "A"
	STATION	OFFSET												DIA.	LENGTH	U.S. FL.	D.S. FL.			
1	320+05.00	48.48' LT	S-104	TYP. O. DBI (MODIFIED)	1.50	59.00	53.00	57.40	3.00	59.00	57.00	12	56.00	18"	21	55.00	54.40	7.8	0.94	56.00
2	329+20.00	54.32' RT	S-206	TYP. O. DBI (MODIFIED)	1.50	61.50	56.00	60.80	3.00	61.50	60.50	12	59.50	18"	31	58.00	57.00	7.8	0.94	59.50

NOTE:  
 1. COST OF SKINNER WITH ASSOCIATED HARDWARE TO BE INCLUDED IN PRICE.  
 2. COST OF NS CONCRETE, CON ASSOCIATED HARDWARE TO MODIFIED INLET QUANTITY OF CONC. SLAB QUANTITY OF NS STRUCTURE BOTTOM.  
 3. OUTFALL STRUCTURES S-104 GRATES.  
 4. SEE INDEX 232 FOR TYPE



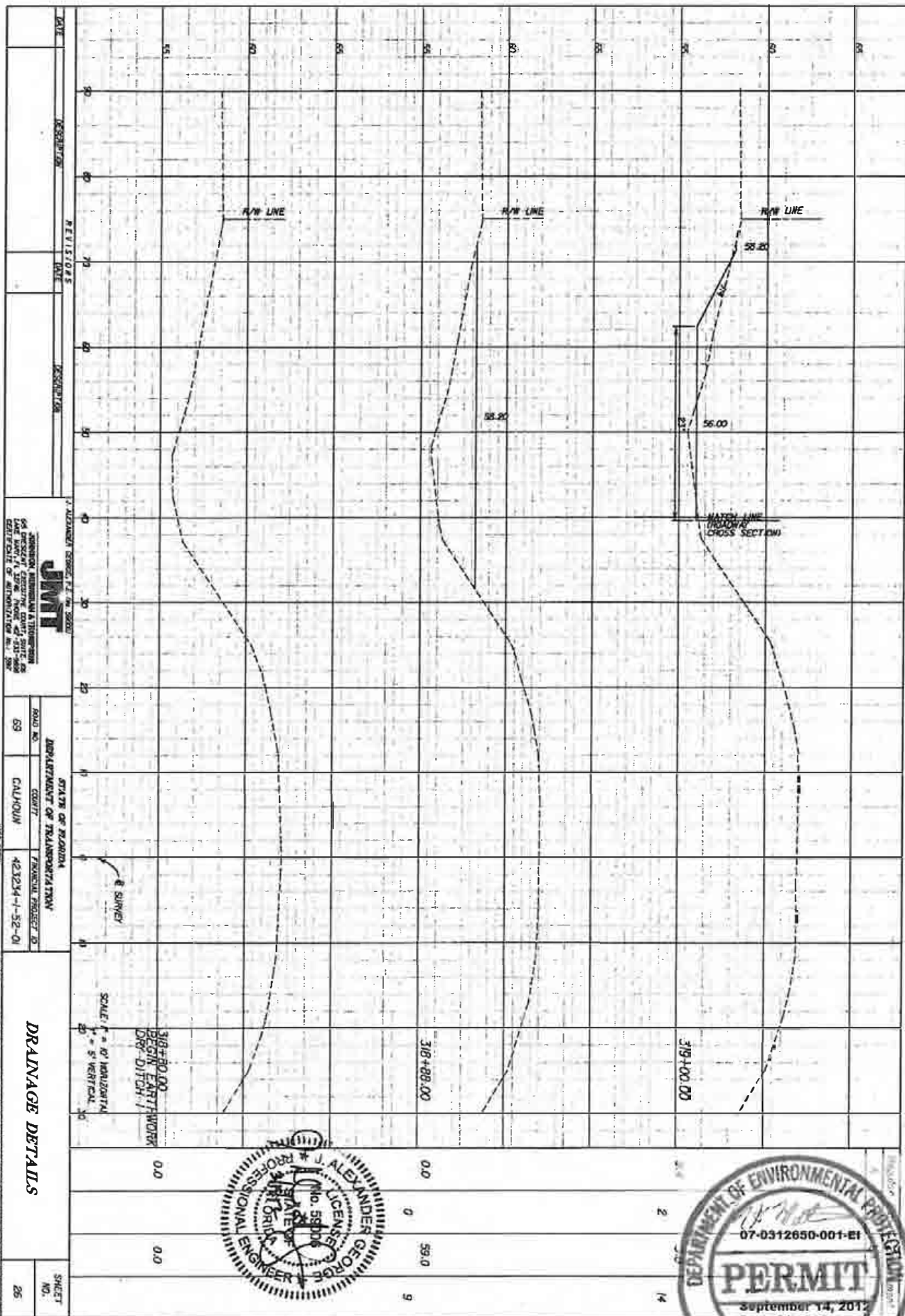
SECTION C-C  
 N.T.S.  
 OUTFALL STRUCTURES FROM DRY DITCH 1 & 2



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-23.003, F.A.C.

REVISIONS		DATE		DESCRIPTION

<b>JMT</b> JOHNSON, BERGHEIM & THOMPSON 895 CRESCENT EXECUTIVE COURT, SUITE 100 LAKE WARE, FL 32149 PHONE 407-433-7828 CERTIFICATE OF AUTHORIZATION No. 1507		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT NO. 69 CALHOUN 423234-1-32-01	<b>DRAINAGE DETAILS</b>	SHEET NO. 25
--	--	--	-------------------------	-----------------



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

**JMT**  
 J. ALEXANDER GEORGE, P.E., No. 58906  
 56 PRESIDENT GEORGE DRIVE, SUITE 205  
 WEST PALM BEACH, FLORIDA 33411-3608  
 LICENSED PROFESSIONAL ENGINEER

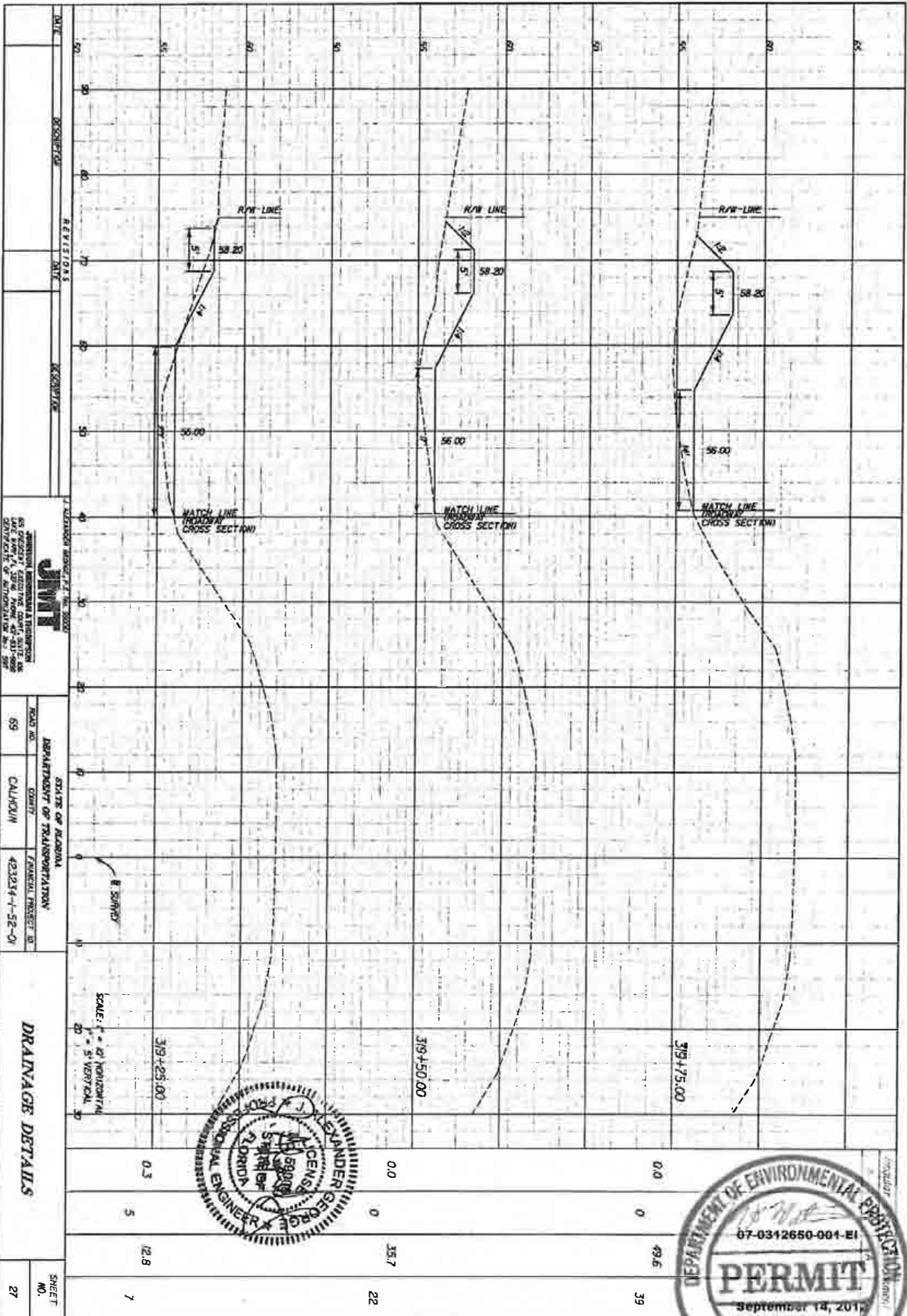
ROAD NO.	69
COUNTY	CALHOUN
FINANCIAL PROJECT NO.	423234-1-52-01

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 FINANCIAL PROJECT NO. 423234-1-52-01  
 COUNTY CALHOUN  
 ROAD NO. 69

**DRAINAGE DETAILS**

SHEET NO.	25
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DATE	DESCRIPTION	REVISIONS	BY

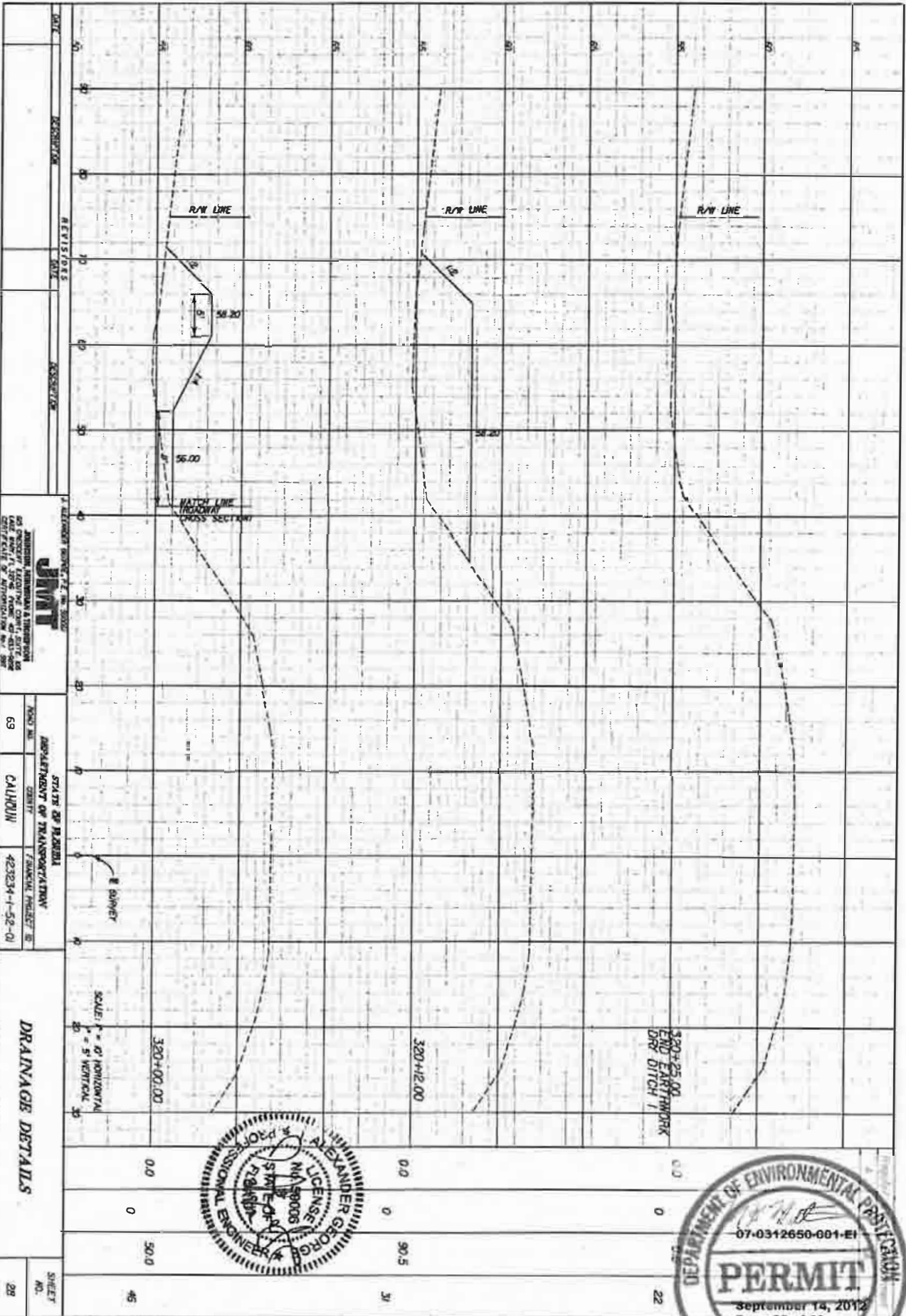
<b>JMT</b> JAMES M. THOMAS, INC. 5500 WEST 12TH AVENUE, SUITE 100 MIAMI, FLORIDA 33142-3333 PHONE: 305-551-1111 FAX: 305-551-1112	DEPARTMENT OF TRANSPORTATION ROAD NO. 89 COUNTY CALHOUN PROJECT NO. 423314-1-52-01	STATE OF FLORIDA COUNTY CALHOUN PROJECT NO. 423314-1-52-01
--	---	--

SCALE: HORIZONTAL 1" = 50' VERTICAL 1" = 5'	319+25.00 319+50.00 319+75.00	0.3 5 12.8	0.0 0 35.7	0.0 0 49.6	39 22 7
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NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.005, F.A.C.



NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12	NO. 13	NO. 14	NO. 15	NO. 16	NO. 17	NO. 18	NO. 19	NO. 20	NO. 21	NO. 22	

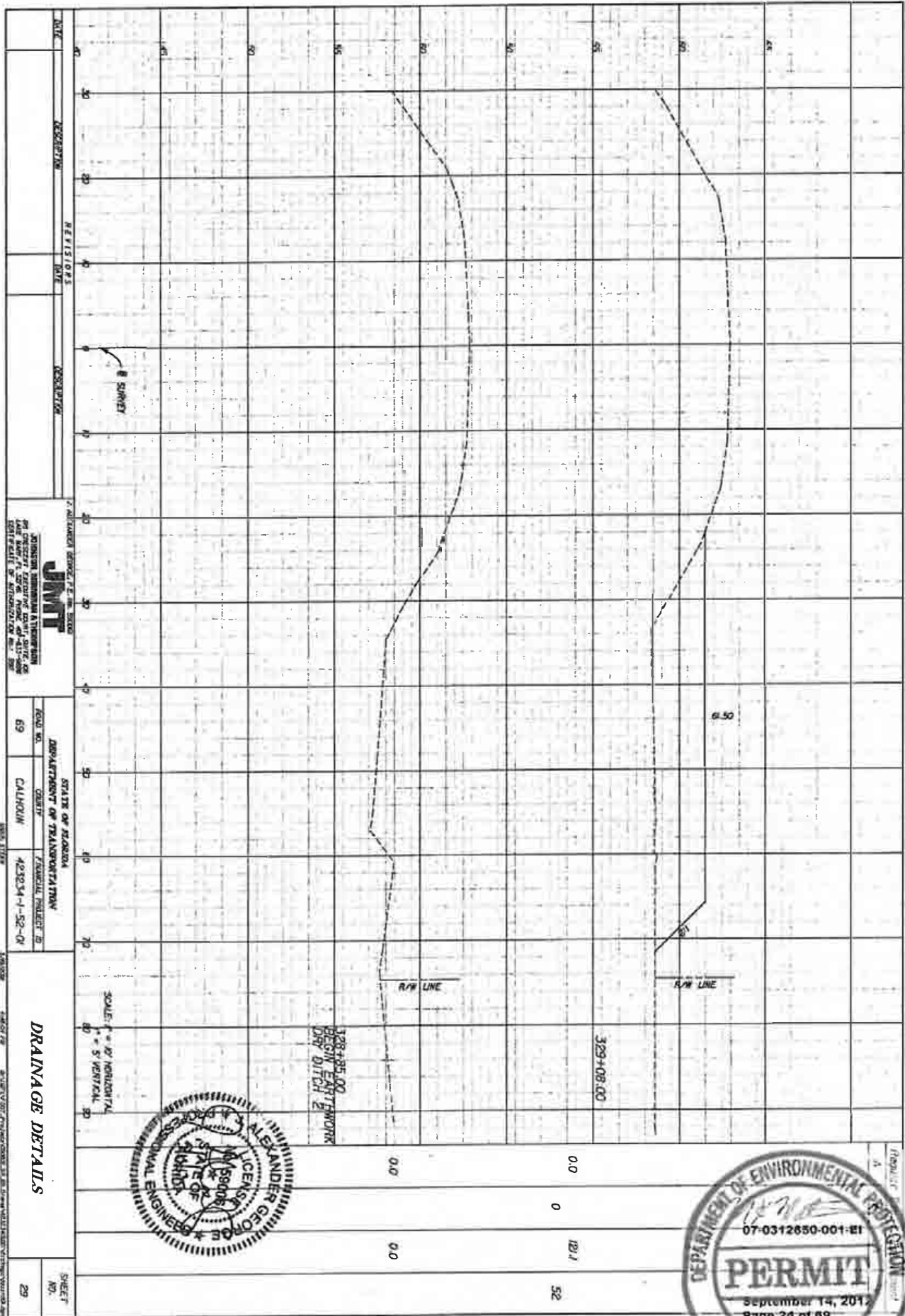
**JMT**  
 JUNIOR, ANTHONY A. THOMPSON  
 REGISTERED PROFESSIONAL ENGINEER  
 LICENSE NO. 50006  
 STATE OF FLORIDA  
 423234-1-52-01

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 COUNTY OF CALHOUN  
 PROJECT NO. 423234-1-52-01

**DRAINAGE DETAILS**  
 SHEET NO. 28



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-25.005, F.A.C.



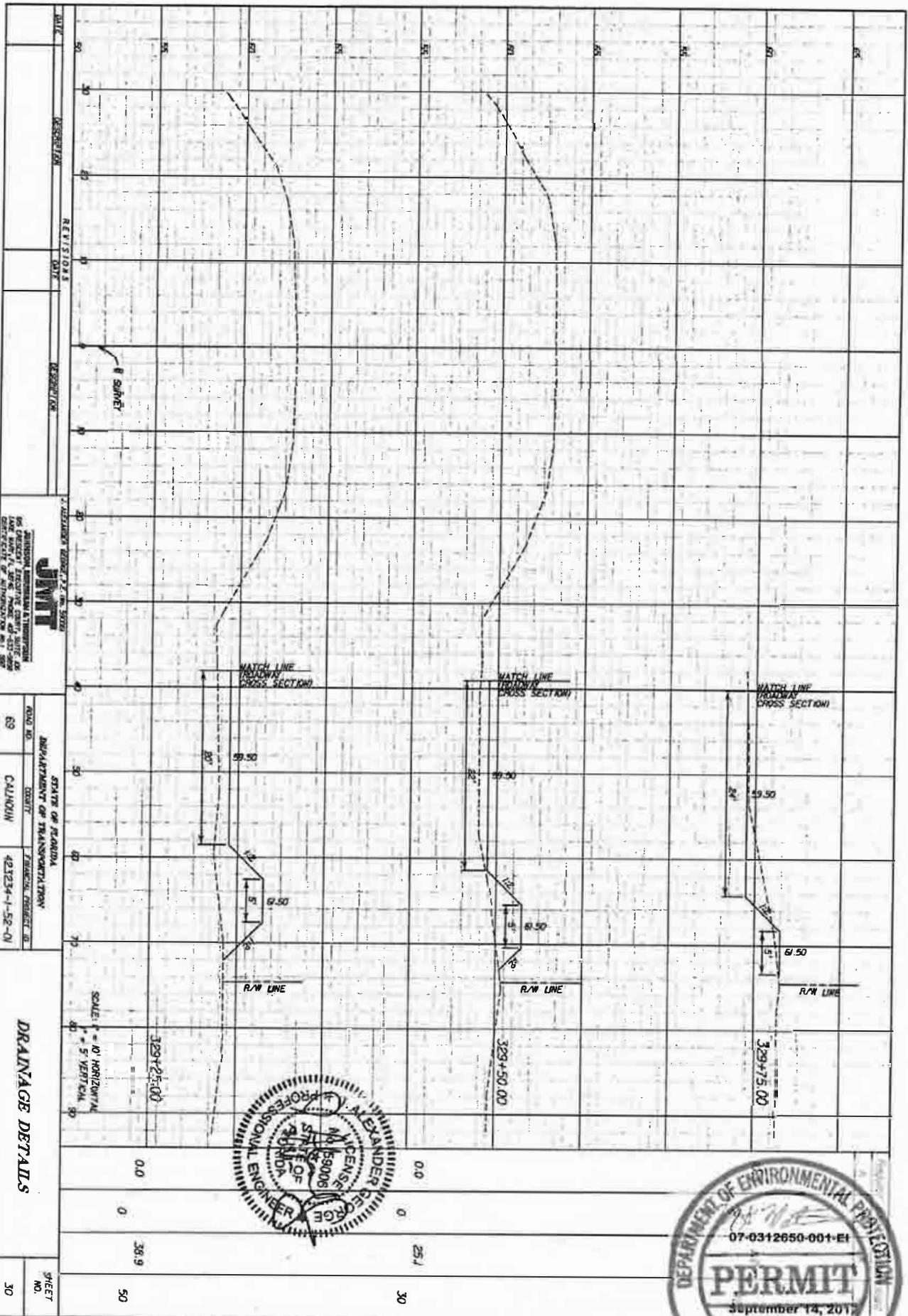
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

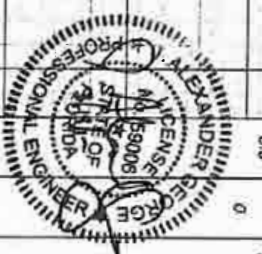
PROJECT: <b>JMT</b> PROJECT NUMBER: <b>138435.00</b> PROJECT LOCATION: <b>STATE OF FLORIDA</b> PROJECT DESCRIPTION: <b>138435.00 POINT FOR TYPORAK DRAIN DITCH</b>	
ROAD NO.: <b>69</b> COUNTY: <b>CALHOUN</b> SECTION: <b>3135</b>	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FEDERAL PROJECT ID: <b>423034-1-52-01</b>
<b>DRAINAGE DETAILS</b>	
SHEET NO.	29

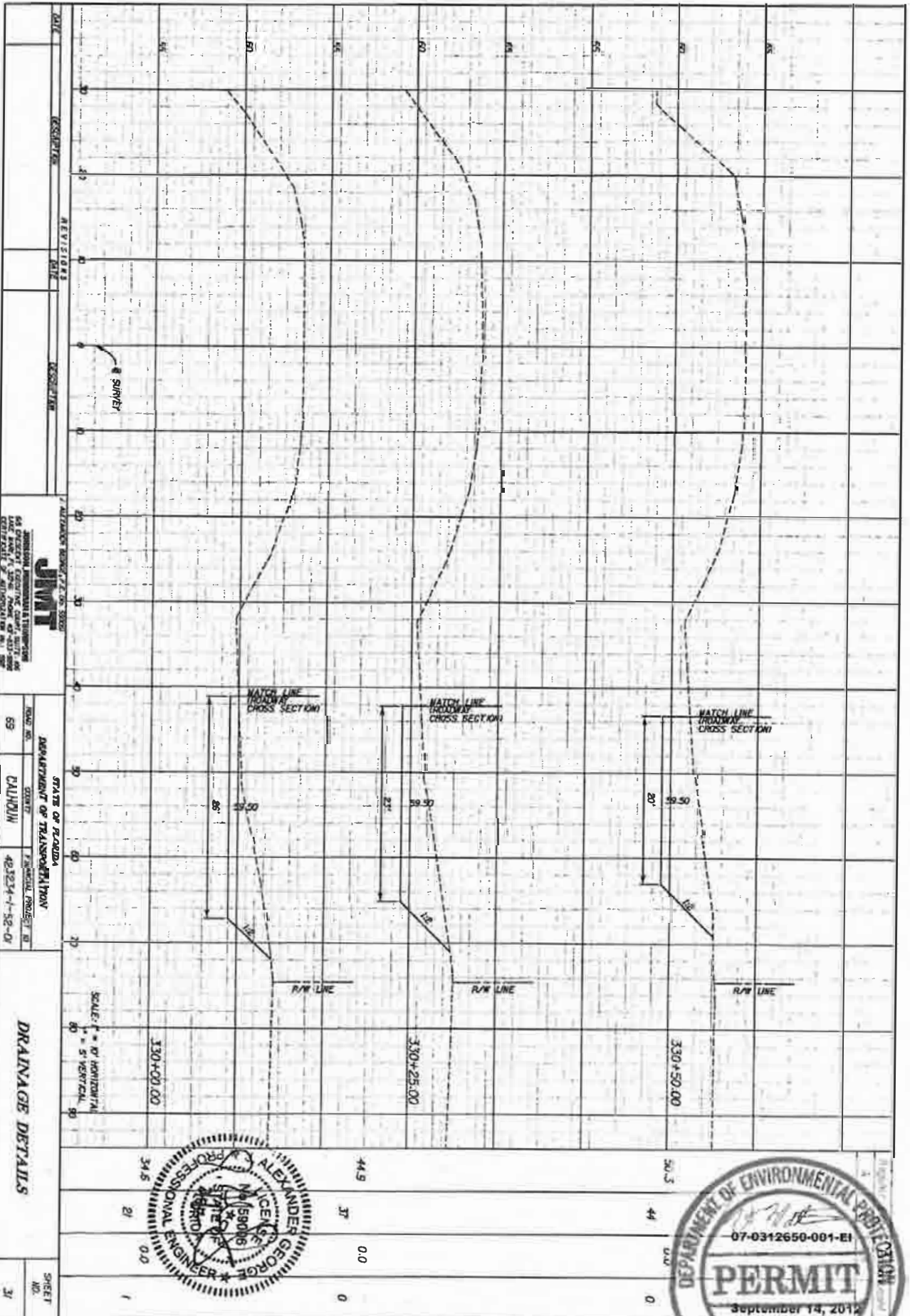






**JWT**  
 JAMES W. THOMPSON  
 REGISTERED PROFESSIONAL ENGINEER  
 LICENSE NO. 12345  
 1000 N. GULF BLVD., SUITE 100  
 GULF BREEZE, FL 32561





DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

**JMT**  
 JAMES M. THOMPSON  
 64 DEWEY CIRCLE, SUITE 200  
 GAITHERSBURG, MARYLAND 20878  
 (301) 251-1100

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69  
 COUNTY CALHOUN  
 PROJECT NO. 482524-1-52-01  
 DRAWING NO. 1528-5123

SCALE: 1" = 40' HORIZONTAL  
 1" = 5' VERTICAL

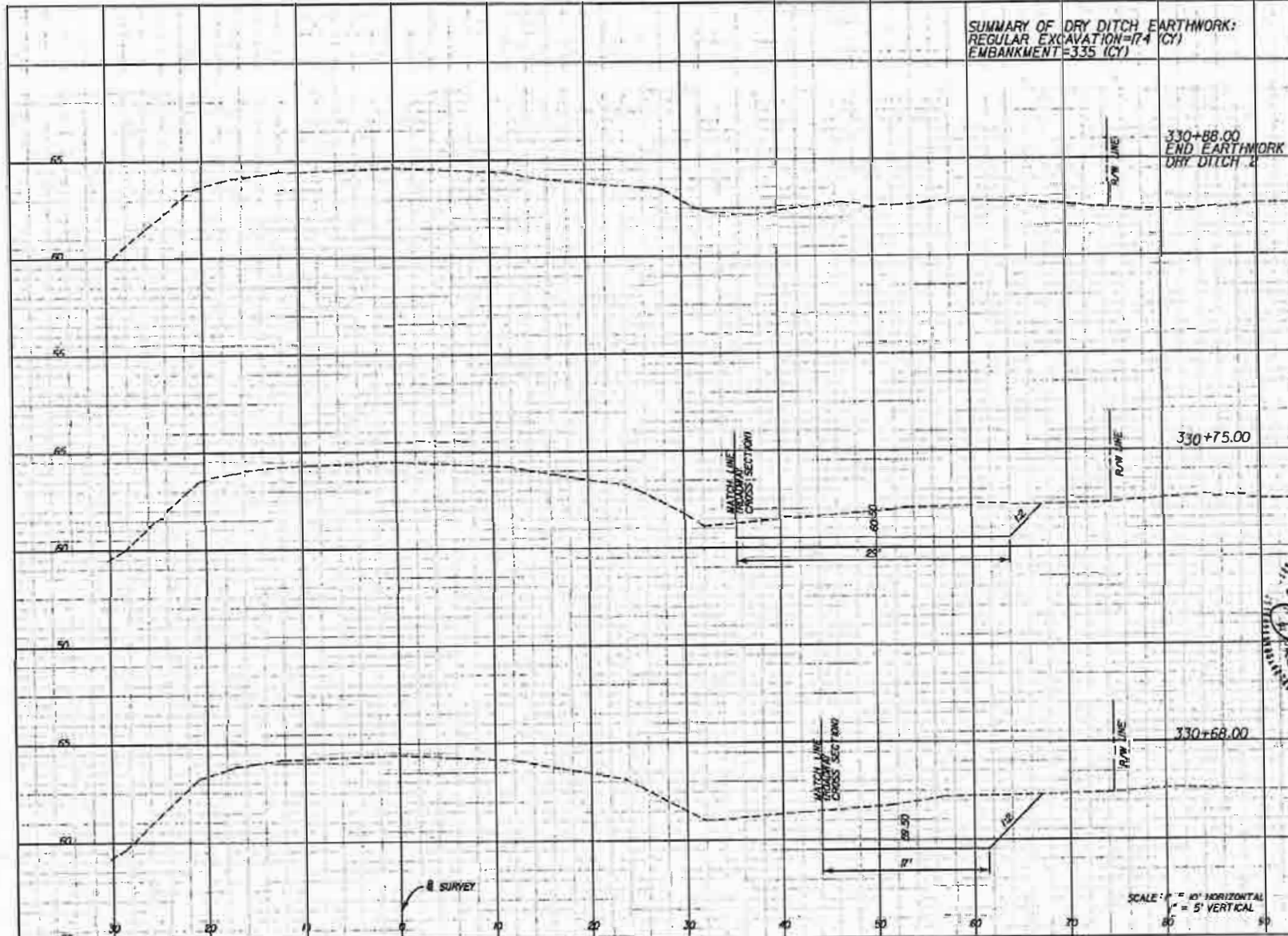
**DRAINAGE DETAILS**

SHEET NO. 31



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE BOUND AND SEALED UNDER RULE 6005-23.005, F.A.C.

EXHIBIT 1

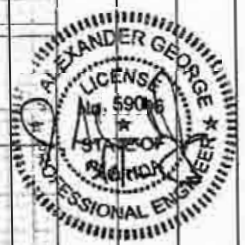


SUMMARY OF DRY DITCH EARTHWORK:  
 REGULAR EXCAVATION=174 (CY)  
 EMBANKMENT=335 (CY)

330+88.00  
 END EARTHWORK  
 DRY DITCH 2

330+75.00

330+68.00



41.0	12	0.0	0
49.8	33	0.0	0

REVISIONS	
DATE	DESCRIPTION

**JMT**  
 JOHNSON, MERRILL & THOMPSON  
 68 BRISBANE EXECUTIVE COURT, SUITE 100  
 LAKE WORTH, FL 33466 PHONE 561-933-9999  
 CERTIFICATE OF AUTHORIZATION No. 507

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID#
69	CALHOUN	423234-1-52-01

**DRAINAGE DETAILS**

SHEET NO.
32

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-23.001, F.A.C.

DATE OF SURVEY: SEPTEMBER 2011  
 SURVEY MADE BY: ENVIRONMENTAL AND GEOTECHNICAL SPECIALIST, INC.  
 SUBMITTED BY: THOMAS H. HAYDEN, P.E.

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 MATERIALS AND RESEARCH

DISTRICT: 11B  
 ROAD NO.: 69  
 COUNTY: CALHOUN



FINANCIAL PROJECT ID : 423234-1-52-01  
 PROJECT NAME: SR 69 OVER GRAVES CREEK - STORMWATER SWALE INVESTIGATION

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF PONDS

SURVEY BEGINS STA. : 315+42.53 SURVEY ENDS STA. : 331+77.47

REFERENCE: C SURVEY

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS					ATTERBERG LIMITS (%)			DESCRIPTION	CORROSION TEST RESULTS				
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		AASHTO GROUP	NO. OF TESTS	RESISTIVITY (OHM-CM)	CHLORIDE (PPM)	SULFATES (PPM)
A	1	0	1	10	100	54-78	30-52	11-18	6-9	1	15	11-13	A-3	1	100	100	100	7.5
B	1	0	1	10	100	75-82	54-61	25-36	12	1	15	11-13	A-2-4	1	100	100	100	7.5
C	1	0	1	10	100	78-93	58-80	36-63	20-35	1	15	11-13	A-2-4	1	100	100	100	7.5
D	1	0	1	10	100	82-95	60-65	44-69	32	1	15	11-13	A-2-6	1	100	100	100	7.5
E	1	0	1	10	100	78-80	61-63	50-52	43	1	15	11-13	A-6	1	100	100	100	7.5
F	1	0	1	10	100	89-97	78-95	71-91	66-86	1	15	11-13	A-7-6	1	100	100	100	7.5
G	1	0	1	10	100	100	100	100	100	1	15	11-13	A-8	1	100	100	100	7.5

- TEST NOT APPLICABLE

ADDITIONAL NOTES

- LETTERS IN CENTER OF BORINGS INDICATE THE STRATUM LETTER.
- SOIL DESCRIPTIONS AND TEST DATA SHOWN ARE FOR THE SOIL BORING ONLY AND MAY NOT APPLY TO ANY OTHER LOCATION. EXTRAPOLATION OF THE SOIL BORING DATA TO OTHER LOCATIONS IS THE SOLE RESPONSIBILITY OF THE PERSON PERFORMING THE EXTRAPOLATION.
- STRATA BOUNDARIES ARE APPROXIMATE.
- WATER LEVELS SHOWN REPRESENT THE DEPTHS TO THE WATER ENCOUNTERED. FLUCTUATIONS IN THE DEPTH OF THE WATER SHOULD BE EXPECTED.
- SOIL BORINGS HAVE BEEN PLOTTED TO ELEVATION OF THE EXISTING GROUND SURFACE.

REVISIONS				THOMAS H. HAYDEN, P.E., P.E., NO. 1 STATE ENGINEER & Geotechnical Specialist, Inc. <b>EGS</b> 3154 E. 11th Road Tallahassee, Florida 32308 Office: (904) 388-1233 Fax: (904) 388-9000 Certificate of Authorization: 5222	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				69	CALHOUN	423234-1-52-01	SOIL SURVEY STORMWATER SWALES	

EXHIBIT 1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SHOWN AND SEALED UNDER RULE 68B-2.005, F.A.C.

NOTES

**AUTOMATIC HAMMER**

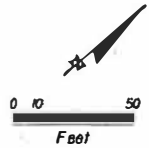
Granular Materials Relative Density	SPT (blows/12 in.)	Sills and Clays Consistency	SPT (blows/12 in.)
Very Loose	Less than 3	Very Soft	Less than 1
Loose	3 - 8	Soft	1 - 3
Medium Dense	8 - 24	Firm	3 - 6
Dense	24 - 40	Stiff	6 - 12
Very Dense	Greater than 40	Very Stiff Hard	12 - 24 Greater than 24

**MANUAL HAMMER**

Granular Materials Relative Density	SPT (blows/12 in.)	Sills and Clays Consistency	SPT (blows/12 in.)
Very Loose	Less than 4	Very Soft	Less than 2
Loose	4 - 10	Soft	2 - 4
Medium Dense	10 - 30	Firm	4 - 8
Dense	30 - 50	Stiff	8 - 15
Very Dense	Greater than 50	Very Stiff Hard	15 - 30 Greater than 30

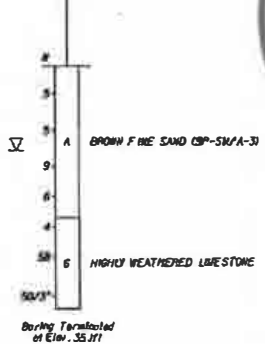
- Numbers left of borings indicate standard penetration test (SPT) N-values for 12 in. penetration (unless otherwise noted).
- Water elevation shown are the water elevations encountered. Fluctuations in the elevation of water should be expected.
- Soil descriptions, test data, and standard penetration values shown are for the soil boring only and may not apply to any other locations except at the location of the soil boring. Extrapolation of the soil boring data to other locations is the sole responsibility of the person performing the extrapolation.

SPLIT-SPOON: INSIDE DIAMETER: 1.375 in.  
OUTSIDE DIAMETER: 2.0 in.  
AVG. HAMMER DROP: 30.0 in.  
HAMMER WEIGHT: 140 lbs.



BORING # 5-1B  
STA. 360+00  
REF. 50 FEET LEFT  
ELEV. 35.1 FEET  
DATE 12/7/2000  
DRILLER B. GUERRA  
AUTOMATIC  
HAMMER  
NO. CUG-300K

ELEVATION (FEET)



Boring Terminated at Elev. 35.1 ft



**LEGEND**

LEVEL OF WATER AT 24 HOURS	Σ
GROUNDWATER NOT ENCOUNTERED	☐
SOIL BORING	◆

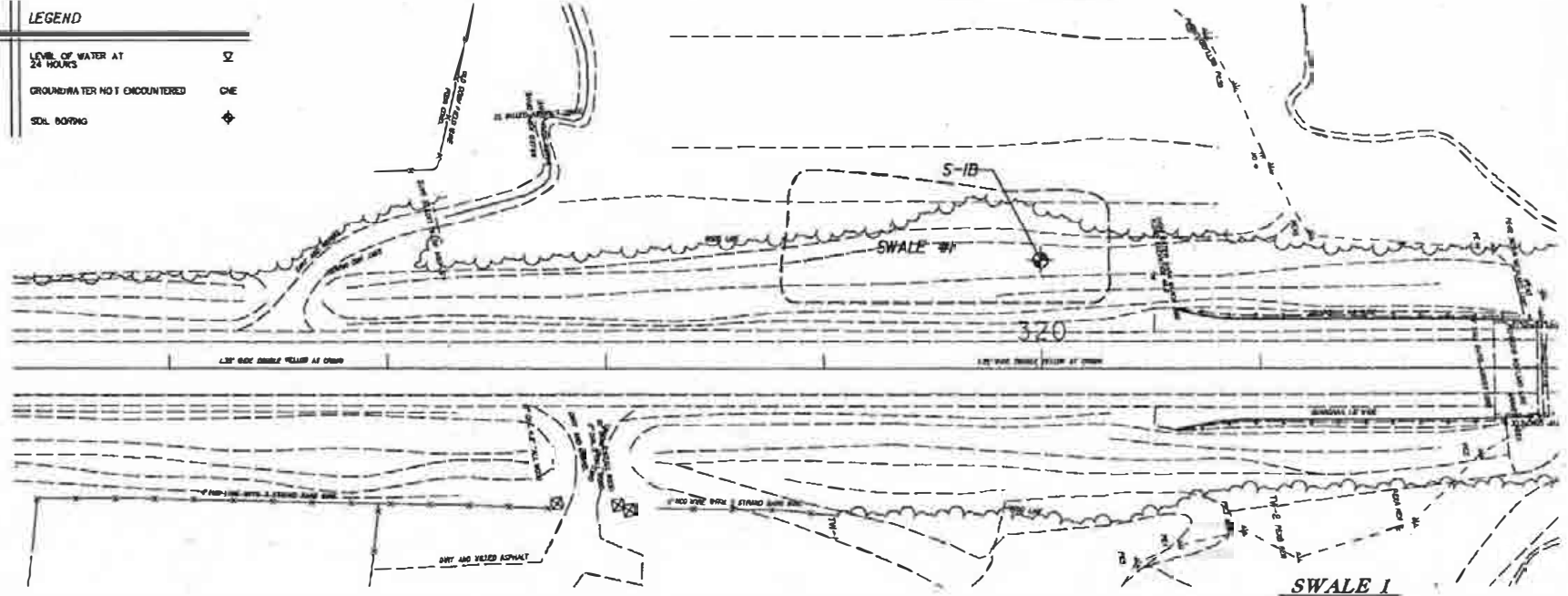


EXHIBIT 1

NOTE: THE OFFICIAL RECORD OF THIS SPECIFY IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6004-2.006, F.A.C.

REVISIONS		THOMAS H. NAYDEN, P.E., P.E. NO. 167492 Environmental & Geotechnical Specialists, Inc.		STATS OF FLORIDA DEPARTMENT OF TRANSPORTATION		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	
				69	CALHOUN	35
				FINANCIAL PROJECT ID: 423234-1-52-01		

**REPORT OF SWALE BORINGS**

**EGS**  
3164 Egan Road  
Tallahassee, Florida 32309  
Office: (904) 368-1232  
Fax: (904) 365-8282  
Certificate of Authorization: 6222

NOTES

AUTOMATIC HAMMER

Greater than 1/2 in. (Depth in.)	SPT	Soils and Clays	SPT
Resistance (lb./sq. in.)	Blows	Soils and Clays	Resistance (lb./sq. in.)
Very Loose	0 - 5	Very Soft	Less than 1
Loose	6 - 15	Soft	1 - 5
Medium Dense	16 - 30	Firm	6 - 15
Dense	31 - 50	Stiff	16 - 30
Very Dense	Greater than 50	Hard	Greater than 30

MANUAL HAMMER

Greater than 1/2 in. (Depth in.)	SPT	Soils and Clays	SPT
Resistance (lb./sq. in.)	Blows	Soils and Clays	Resistance (lb./sq. in.)
Very Loose	0 - 5	Very Soft	Less than 2
Loose	6 - 15	Soft	2 - 5
Medium Dense	16 - 30	Firm	6 - 15
Dense	31 - 50	Stiff	16 - 30
Very Dense	Greater than 50	Hard	Greater than 30

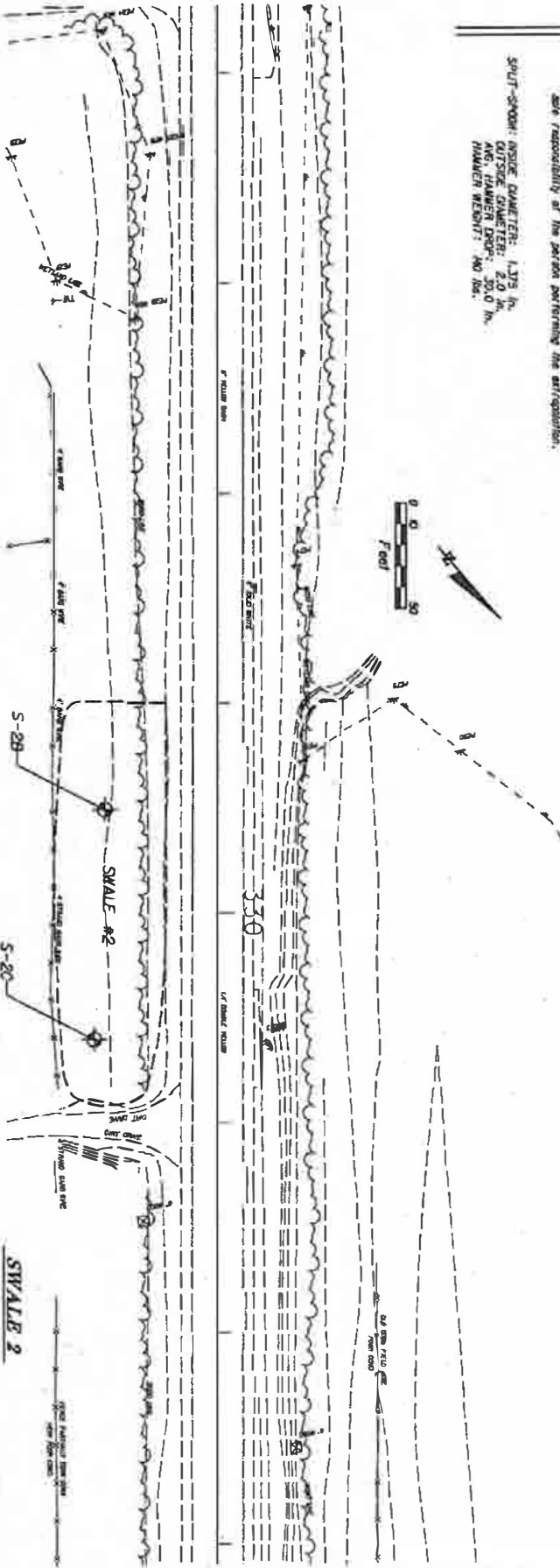
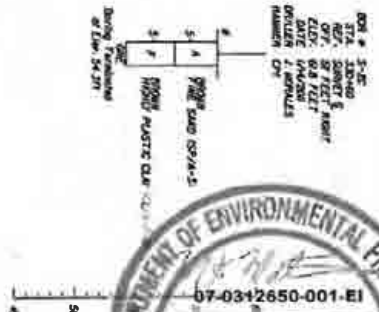
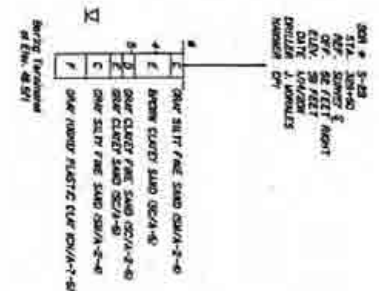
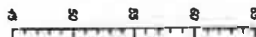
- Number 1 of borings indicate standard penetration test (SPT) values of 12 to 15 blows per foot.
- Water elevations shown are the greater of either actual or predicted to the elevation of water should be expected.
- Soil description, test logs, and standard penetration values given are from logs of borings and are not to be construed as a representation of the soil boring data in other borings in the site responsibility of the person performing the investigation.

SHAFT-SPACING: INSIDE SQUARES: 1.375 in.  
 OUTSIDE SQUARES: 2.0 in.  
 STANDARD PEN. TEST: 60 lb. HAMMER WEIGHT, NO. 140.

LEGEND

SYMBOL	DESCRIPTION
Σ	TYPE OF WATER AT
◆	BOUNDARY AND DISCONTINUITIES
◆	SOIL BORING

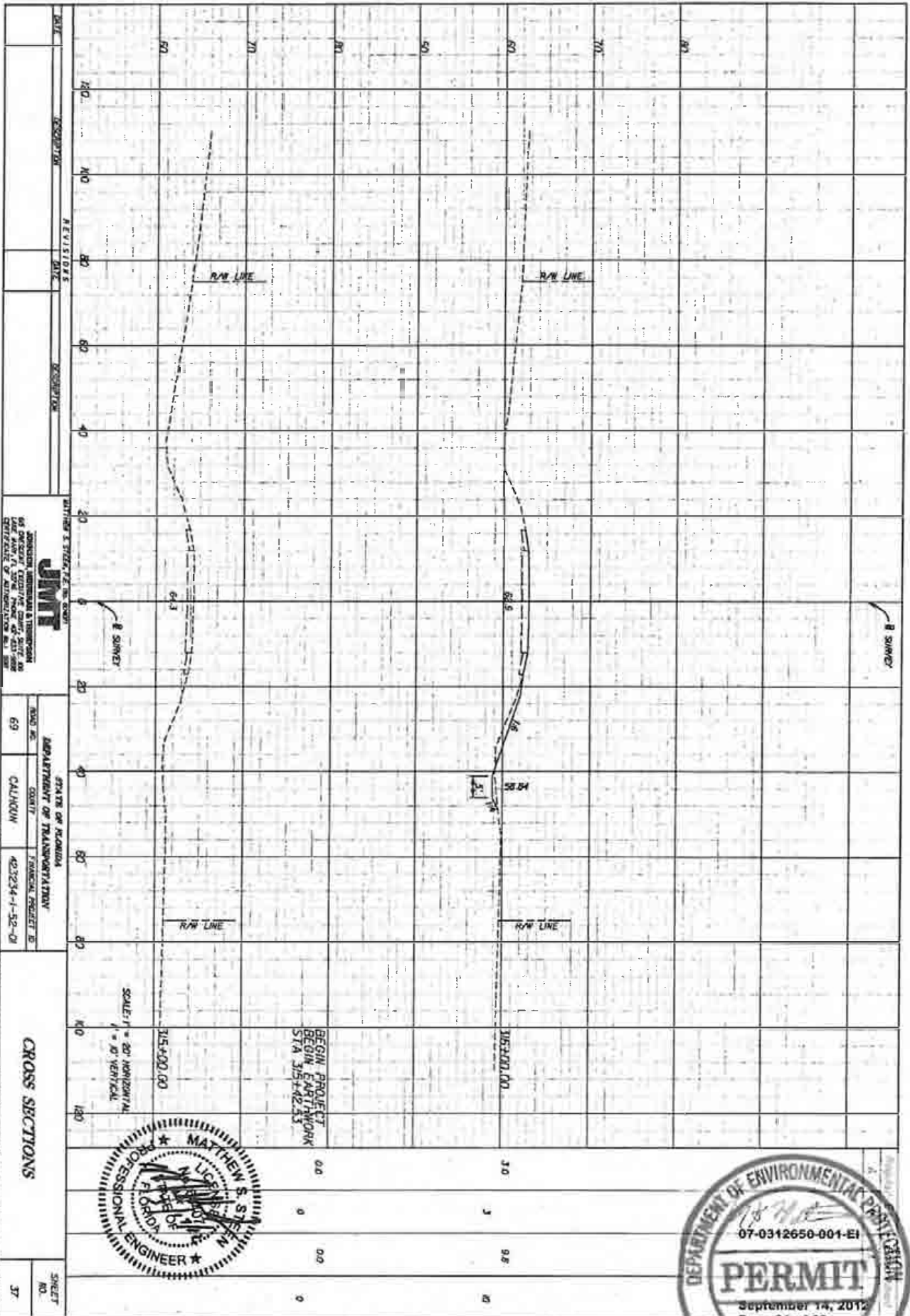
ELEVATION (FEET)



DATE	DESCRIPTION	REVISIONS	REVISIONS
PROJECT	REPORT OF SWALE BORINGS		
CLIENT	STATE OF FLORIDA		
PROJECT NO.	423234-1-52-01		
SHEET NO.	36		



EXHIBIT 1



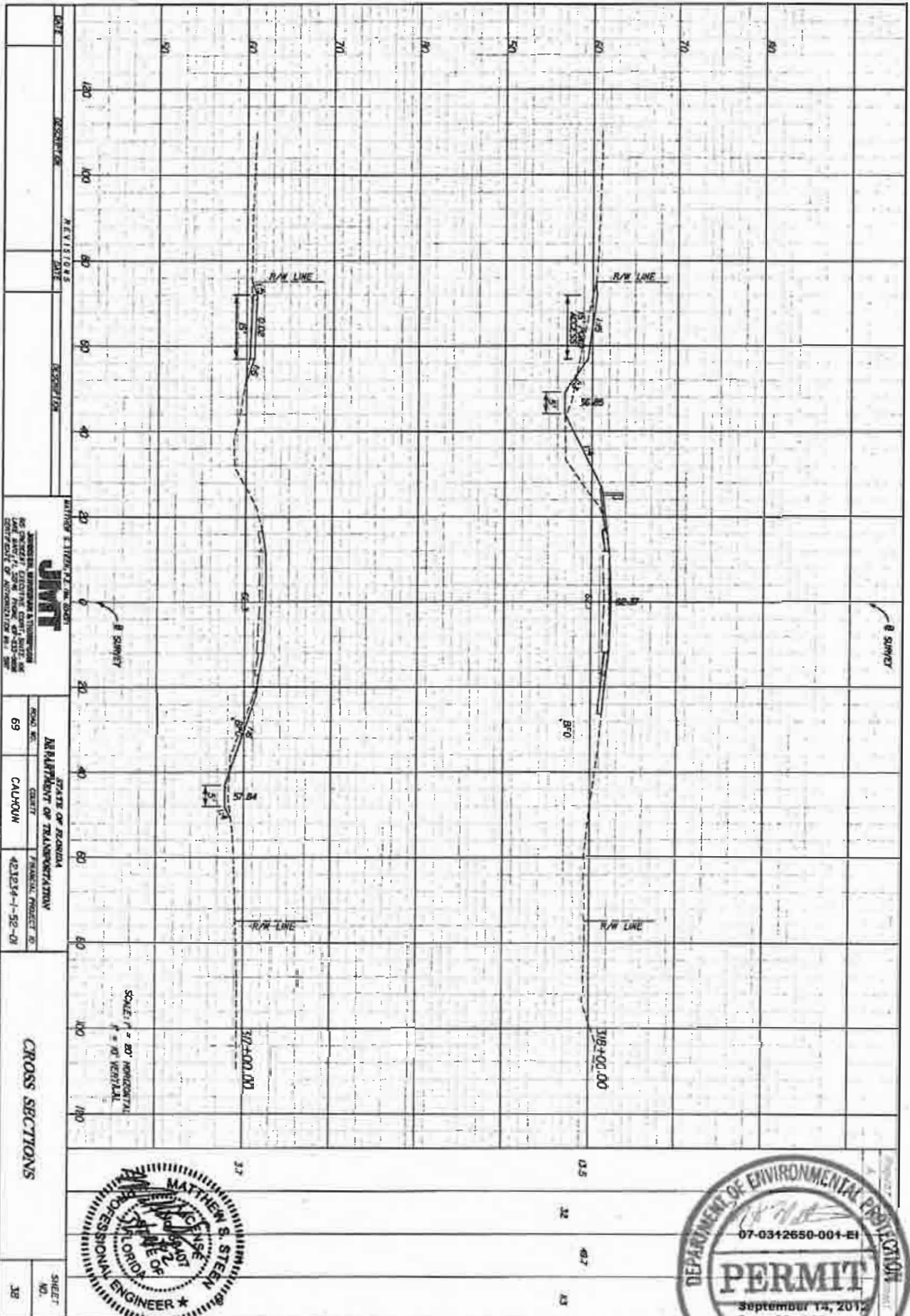
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
PROJECT NO. 42324-1-52-D  
SHEET NO. 37

CONTRACT NO. 42324-1-52-D  
CONTRACT DESCRIPTION: ...

DATE: ...

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6005-23.001, F.A.C.



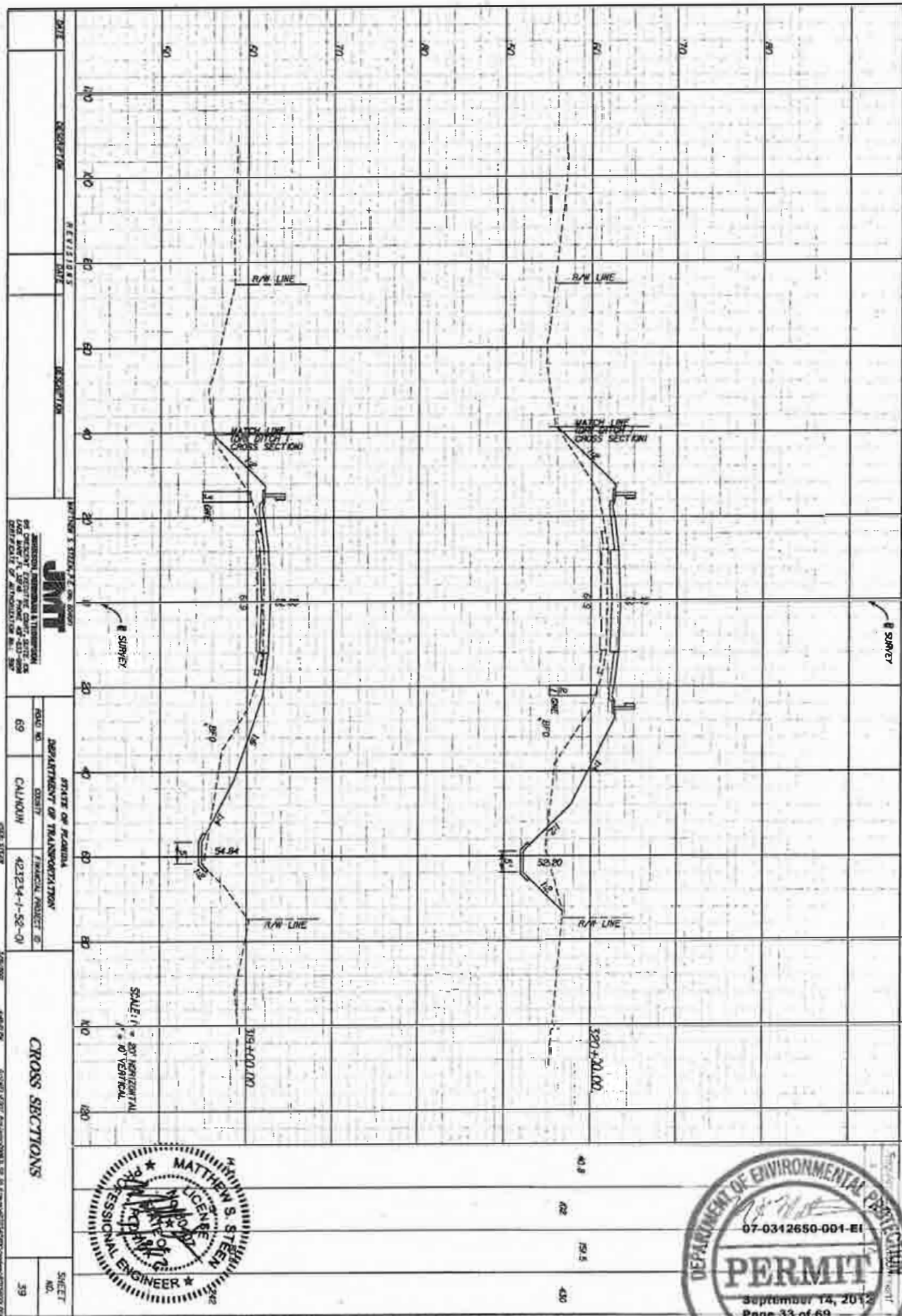


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
<b>JMT</b> JAMES M. THOMPSON REGISTERED PROFESSIONAL ENGINEER NO. 10487, STATE OF FLORIDA 1000 N. W. 10th Ave., Suite 100 Fort Lauderdale, FL 33304				
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT NO. 421214-1-52-D1				
CROSS SECTIONS				
SHEET NO.	38			



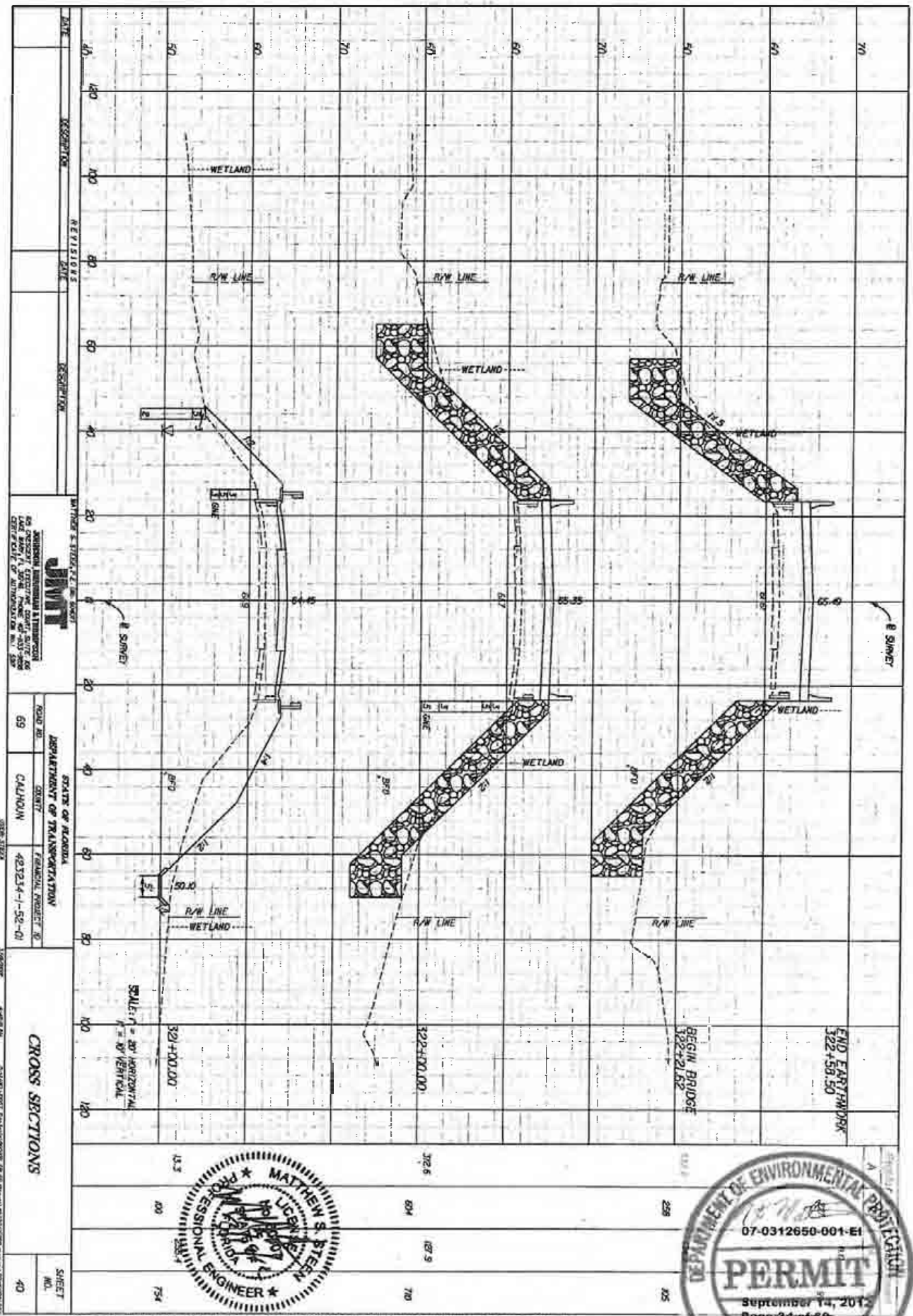
NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.



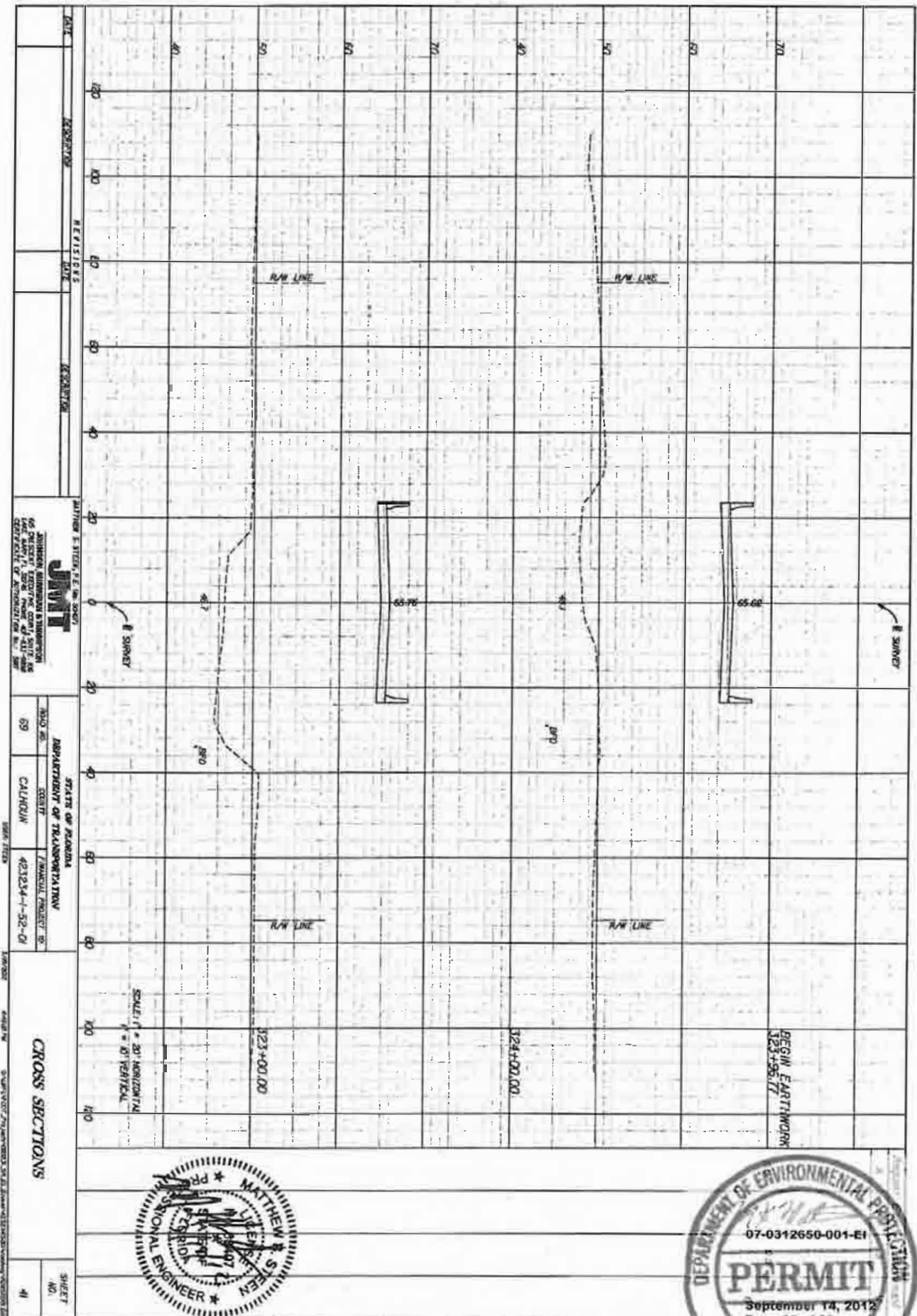


DATE	REVISIONS	DESCRIPTION	DATE	REVISIONS	DESCRIPTION
MISSISSIPPI STATE UNIVERSITY DEPARTMENT OF TRANSPORTATION PROJECT NO. 69 CALHOUN 421214-1-S2-01					
CROSS SECTIONS SHEET NO. 39					





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**DATE:** 12/23/2012  
**REVISIONS:**  
**DATE:**  
**DESCRIPTION:**

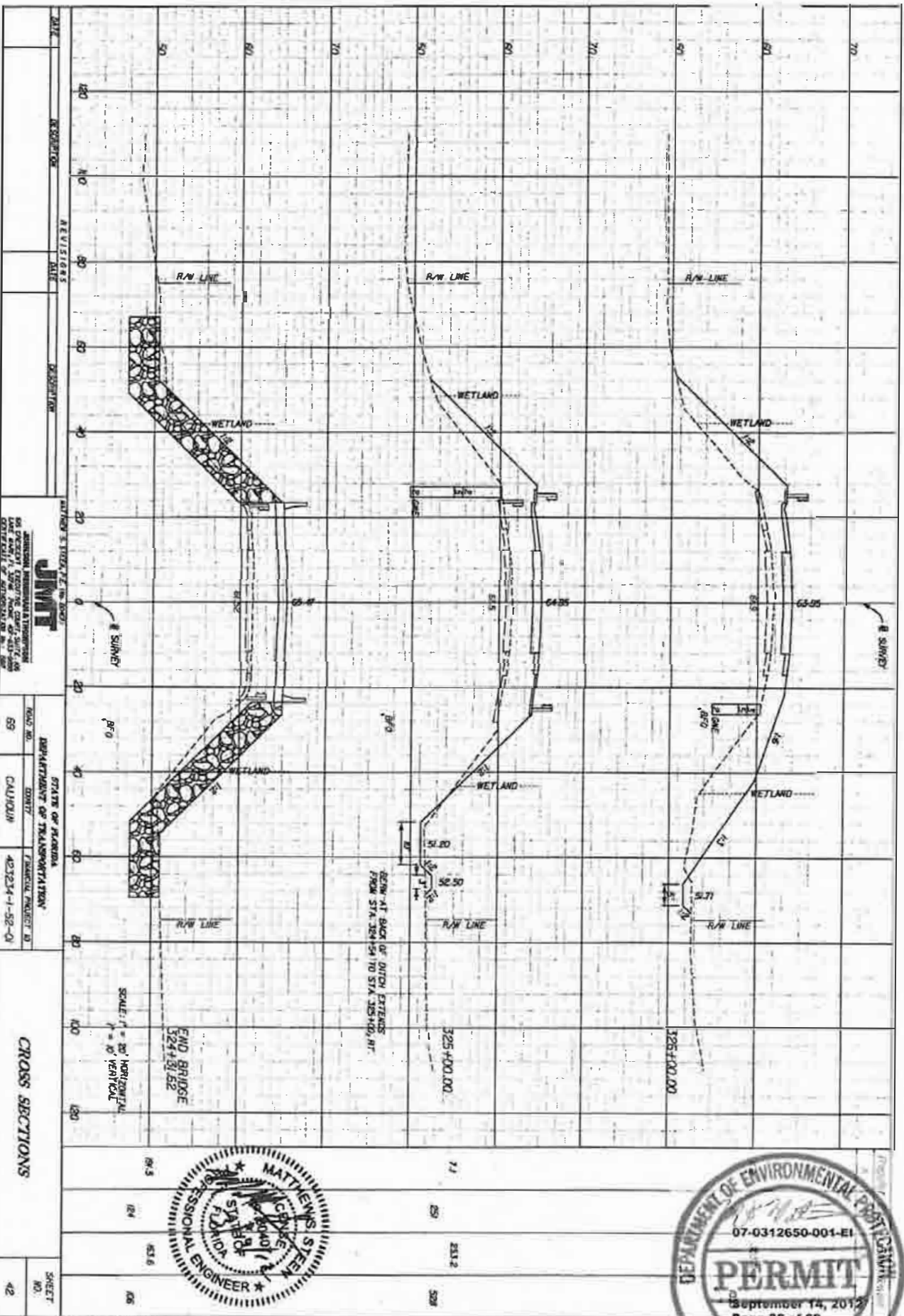
MATTHEW S. STEEN, P.E., No. 50671  
**SMIT**  
 JUNIOR ENGINEER & SURVEYOR  
 655 PINECREST EXECUTIVE CENTER, SUITE 200  
 WEST PALM BEACH, FLORIDA 33411-4200  
 (561) 838-0200 FAX (561) 838-0201

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69  
 COUNTY CALHOUN  
 FINANCIAL PROJECT NO. 423234-1-52-C1

**CROSS SECTIONS**  
 SHEET NO. 41



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DATE	REVISION	DESCRIPTION

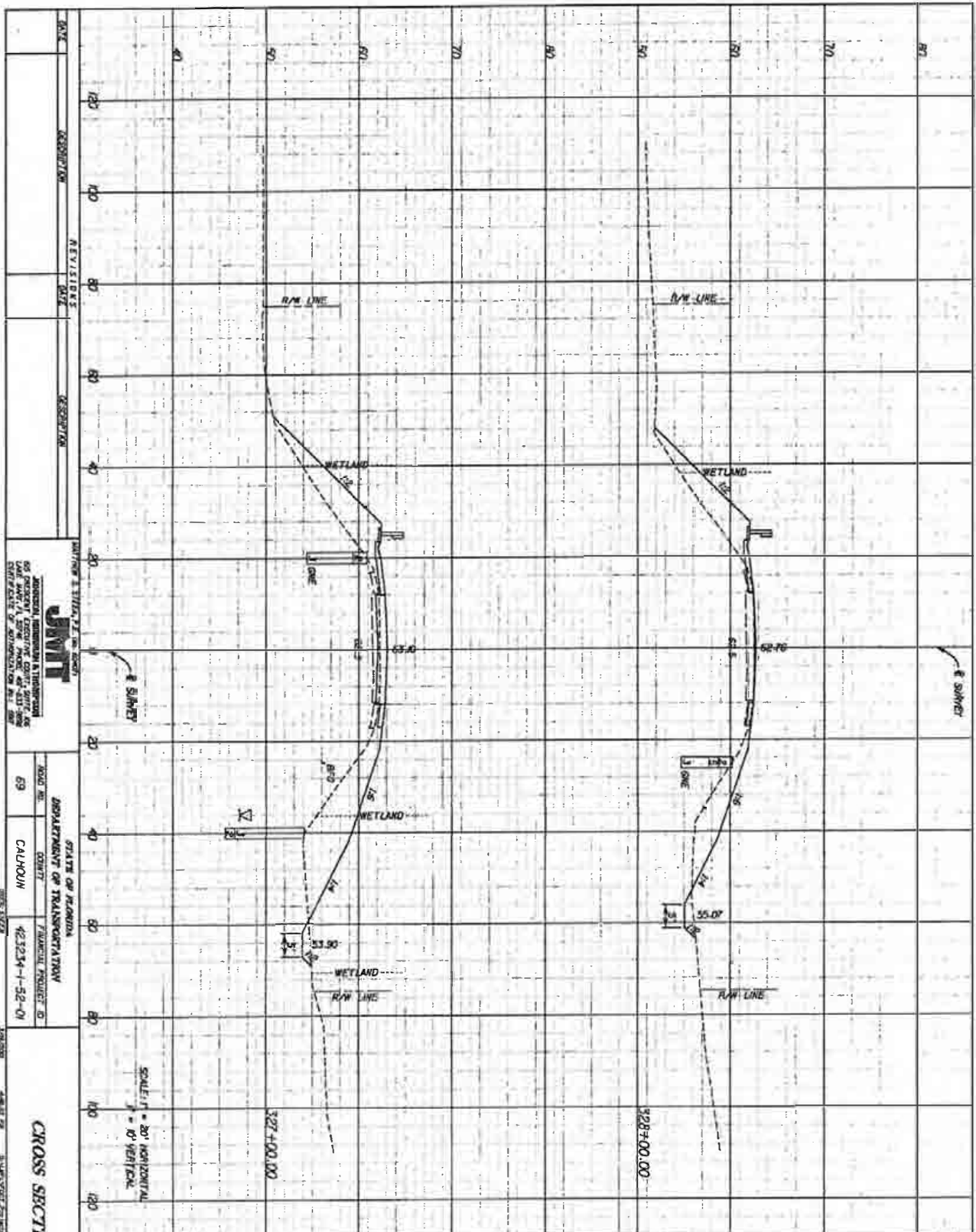
JMT JUNIOR ENGINEER 5000 CENTRAL EXPRESSWAY, SUITE 200 BOCA RATON, FL 33433	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT NO. 42324-1-52-01
--	---

ROAD NO. 69 COUNTY CALHOUN FEDERAL PROJECT NO. 42324-1-52-01	SHEET NO. 42
--	--------------



EXHIBIT 1

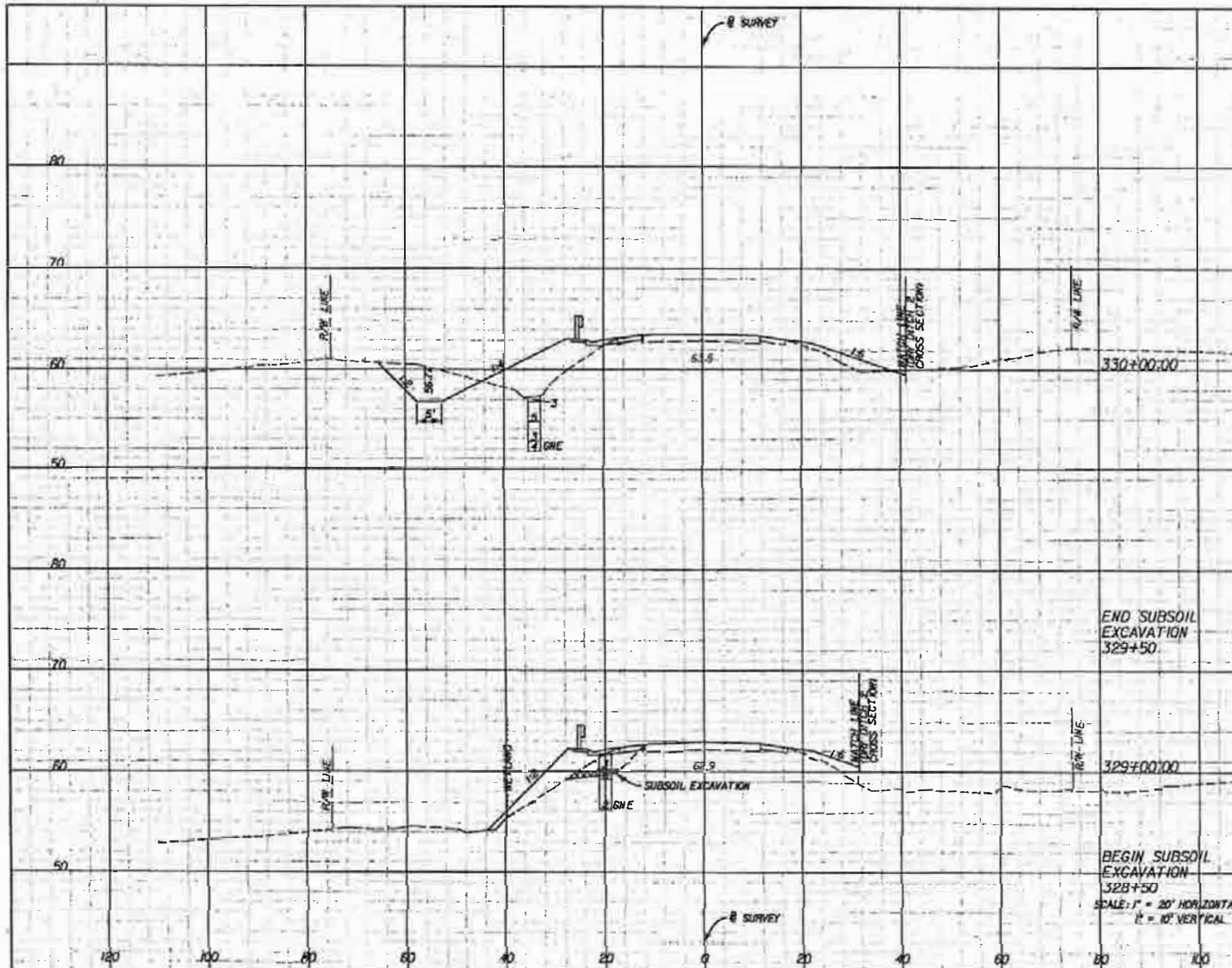


DATE	REVISIONS	DESCRIPTION	AUTHOR & TITLE	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID	ROAD NO.	DISTRICT	PROJECT NO.	SHEET NO.
			JUNIOR ENGINEER & TRANSPORTATION 55 CAL SW 1/4, LEWY MOOR, #2-13-78 ENVIRONMENTAL ENGINEER #1 801	69	CALHOUN	42324-1-52-01		43

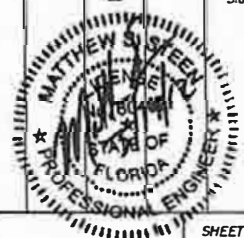


NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.003, F.A.C.

EXHIBIT 1



Subsoil Exc.	Proposed		A	V	A
	A	V			
			4.7	94	717
					26
0	6				
6.1	6	3.1	23	44.8	30
0					



NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 69B-23.003, F.A.C.

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

MATTHEW S. STEEN, P.E., No. 60423

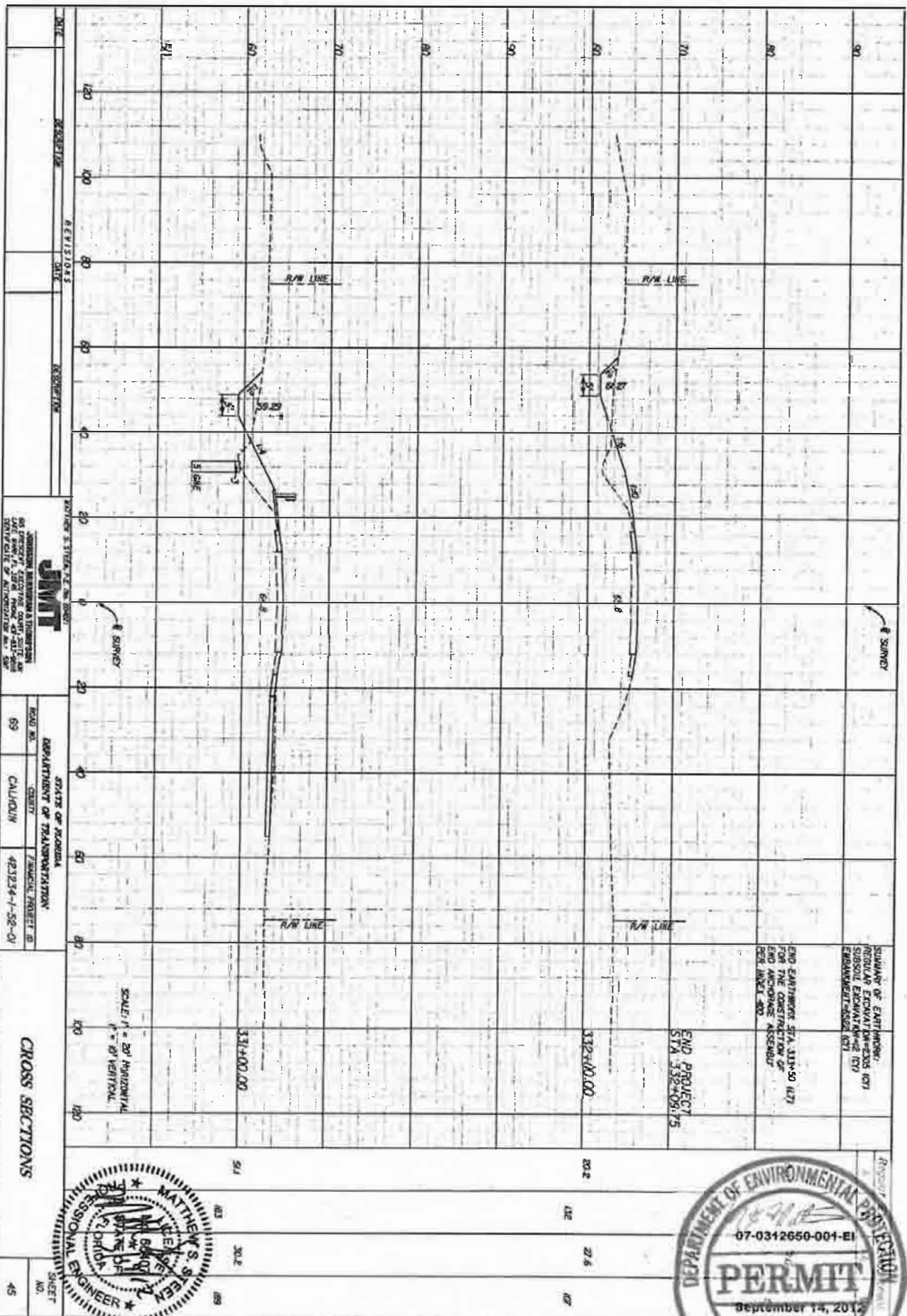
**JMT**  
JOHNSON, JOHNSON & THOMPSON  
605 CHESTNUT EXECUTIVE CENTER, SUITE 400  
LAKE MARY, FL 32746 PHONE 407-833-8888  
CERTIFICATE OF AUTHORIZATION No. 590

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

CROSS SECTIONS

SHEET NO.  
44



DATE	REVISIONS	DESCRIPTION

UNIVERSITY OF FLORIDA  
**JMPT**  
 PROFESSIONAL SURVEYING & ENGINEERING  
 500 UNIVERSITY AVENUE, SUITE 100  
 GAINESVILLE, FLORIDA 32608  
 PHONE: 352-386-1111 FAX: 352-386-1112  
 WWW.JMPT.COM

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69  
 COUNTY CALHOUN  
 PROJECT 421234-1-52-01

**CROSS SECTIONS**  
 SHEET NO. 45

SCALE: H = 20' HORIZONTAL  
 V = 10' VERTICAL



END STATIONING STA. 331+50 (L7)  
 END STATIONING STA. 332+00 (L7)  
 END ANCHORAGE ASSEMBLY  
 PER. INSET 400





**1.0 SITE DESCRIPTION**

**1.a. Nature of Construction Activity:**

The construction activities include the demolition of an existing bridge structure on SR 66 over Groves Creek, construction of a new bridge, roadway reconstruction and resurfacing, and associated roadway and drainage improvements. The project is located approximately 6.5 miles north of Blountstown in Calhoun County, in Section 34, Township 2 North, Range 8 West.

**1.b. Sequence of Major Soil-Disturbing Activities:**

The following sequence of major activities shall be followed, unless the contractor can propose an alternative that is equal to or better at controlling soil erosion and sediment deposition, and is approved by FDOT. The detailed sequence for the entire project can vary from contractor to contractor.

- \* Install erosion and sediment control devices.
- \* Construct diversion and temporary bridge.
- \* Construct bridge, roadway and drainage improvements as shown on the plans with the exception of dry ditches Nos. 1 and 2.
- \* Construct portion of S-100 without impacting diversion, and block S-100 upstream opening. The intent of this activity is to maintain existing drainage patterns in the southwest quadrant of the bridge while the diversion is in place.
- \* Remove diversion and temporary bridge.
- \* Construct remaining drainage improvements obstructed by diversion and temporary bridge, including dry ditches Nos. 1 and 2, remaining portion of S-100, roadside ditches and side drain at Sta. 317+85 (RT). Unblock S-100 to provide proposed drainage patterns south of the bridge prior to construction of dry ditch No. 1.
- \* Permanently stabilize undisturbed areas.
- \* Remove diversion and sediment control devices.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**1.c. Area Estimates:**

Total site area within FDOT ROW = 574 acres  
Total area to be disturbed = 4.42 acres

**1.d.1) Runoff Coefficient Data:**

Before Construction = 0.39  
During Construction = 0.67  
After Construction = 0.39

**1.d.1.2) Description of Soil**

Chilpey sand (0-5% slopes) (2)  
Leefield loamy sand (0-5% slopes) (39)  
Craglan, Kinston and Surrency soils, frequently flooded (68)

**1.d.1.4) Outfall Locations**

**1.d.1.4.1) Pond 1, located southwest of the proposed bridge, discharges to an existing ditch and to Groves Creek to the west of SR 66**

Location: Latitude 30° 31' 45", Longitude 85° 02' 0"  
Est. drainage area: 0.59 acres  
Receiving water name: Groves Creek

**1.d.1.4.2) Pond 2, located northeast of the proposed bridge, discharges to a proposed ditch and to Groves Creek to the east of SR 69**

Location: Latitude 30° 31' 45", Longitude 85° 02' 0"  
Est. drainage area: 1.07 acres  
Receiving water name: Groves Creek

**1.e. Site Map:**

The Construction Plans are being used as the site map of the area.

**1.f. Name of Receiving Waters:**

The project drains to Groves Creek, which flows to the Apalachicola River and ultimately to the Gulf of Mexico.

**2.0 CONTROLS**

The following discussion defines general guidelines for the sequence of construction and the use of stabilization and structural practices. The erosion and sediment controls have been identified on the SWPPP sheets included in the plans. The following recommended guidelines are based on the erosion and sediment controls shown in the plans. The contractor shall modify the plan to adapt to seasonal variations, changes in construction activities and the need for better practices.

**2.a.1) Erosion and Sediment Controls:**

Install sediment barrier and turbidity barriers prior to clearing and grubbing. Controls shall remain in place until the contributing drainage area has been permanently stabilized.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**2.a.1.2) Stabilization Practices:**

The contractor shall initiate all stabilization measures as soon as practicable, but in no case more than 7 days, in portions of the site where construction activities have temporarily or permanently ceased.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**2.b. Stormwater Management:**

Two (2) dry ditches designed to provide water quality through retention (Dry Ditches 1 and 2) will be constructed as part of this project.

**2.c. Other Controls:**

**2.c.1) Offsite Vehicle Tracking:**

Loaded haul trucks are to be covered with tarpaulin. Excess dirt on the roadway is to be removed daily. The contractor shall incorporate dust control during dust-generating activities.

**2.c.1.2) Sanitary Waste:**

All sanitary waste will be collected from the portable units as necessary or as required by local regulations by a licensed sanitary waste management coordinator.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**2.c.1.3) Fertilizers and Pesticides:**

Fertilizer will be applied according to applicable subsections of either Section 570 or 571 of the FDOT Standard Specifications.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**2.c.1.3) Toxic Substances:**

The contractor shall provide measures for toxic substance and spill containment, reporting and response. The plan shall specify what management practices and containment methods will be used to prevent potential pollutants (fuels, lubricants, herbicides, etc.) from spilling onto or into surface waters.

The contractor is responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

**2.d. Permits:**

The project requires an Environmental Resource permit from the FDEP in accordance with Sections 62-346.

The project requires a permit from USACE.

A NPDES permit is required for disturbance over one acre.

**3.0 MAINTENANCE:**

The following defines general guidelines for the sediment control devices. The contractor shall ensure the site is permanently stabilized. It is the contractor's responsibility to remove these devices following permanent stabilization.

ITEM	PROPOSED MAINTENANCE	
Sediment Barrier	In accordance with Specification Section 104	
Slope Protection System	In accordance with Specification Section 104	
Staked and Floating Turbidity Barrier	In accordance with Specification Section 104	1 year

**4.0 INSPECTIONS:**

Qualified personnel shall inspect the following items at least once every 24 hours and at the end of rainfall events 0.5" and greater. SWPPP Construction Inspection Reports are to be completed on a weekly basis and after all rainfall events 0.5" and greater. Where sites have been permanently stabilized, inspections shall be conducted at least once per month.

The contractor shall inspect the following areas at a minimum:

- \* Points of discharge to waters of the United States.
- \* Points of discharge to municipal separate storm sewer systems.
- \* Disturbed areas of the site that have not been finally stabilized.
- \* Areas used for storage of materials that are exposed to precipitation.
- \* Structural controls.
- \* Location where vehicles enter or exit the site.

**5.0 NON STORMWATER DISCHARGES:**

**Discharging:**

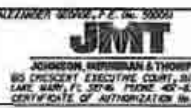
The contractor is responsible for obtaining any required permits associated with discharging such as the WMD nonpoint source permit and the FDEP Discharge Permit for Discharge of Produced Groundwater from any Non-Contaminated Site Activity, 62-621.0002.



EXHIBIT 1

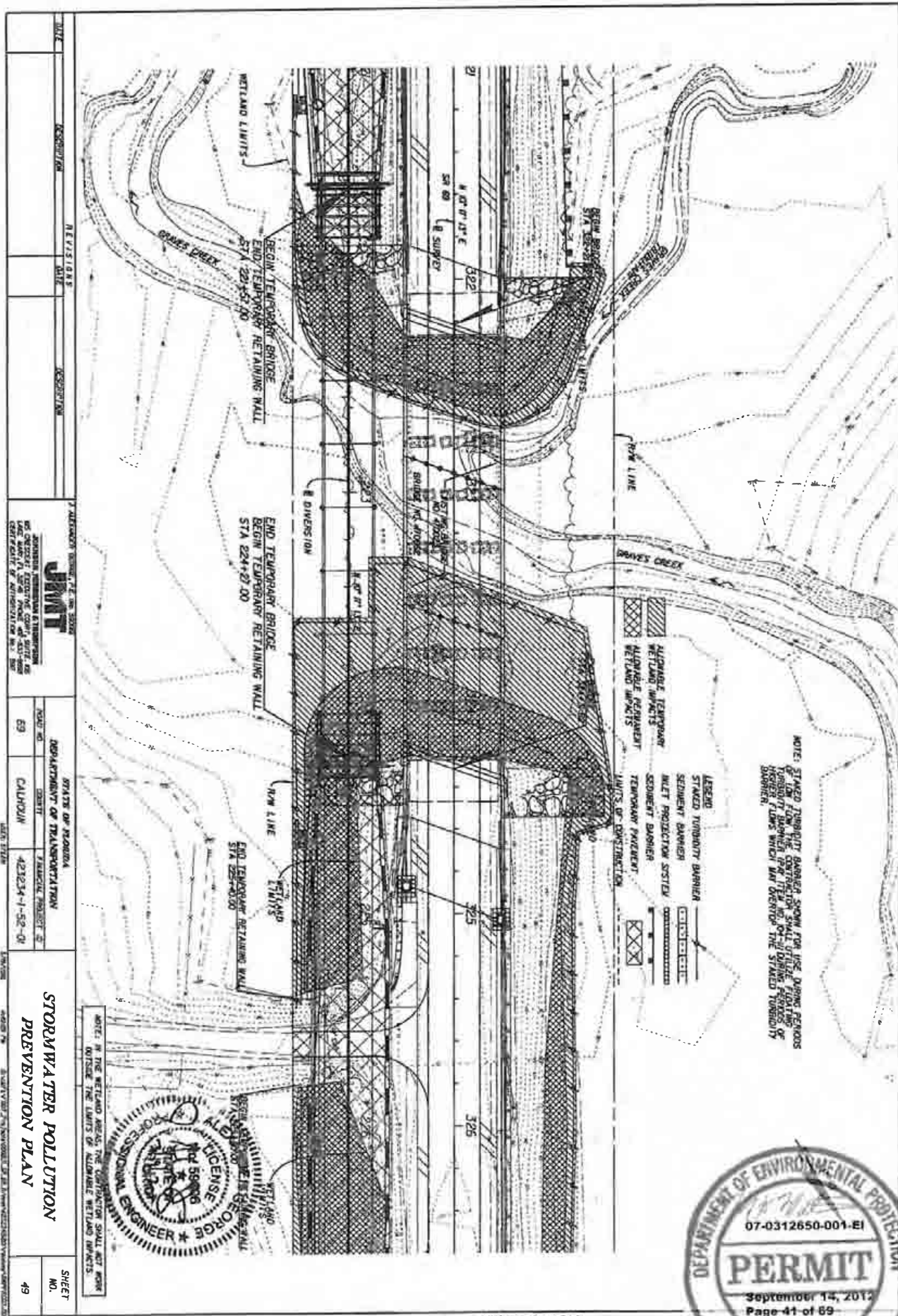
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 6005-42.001, F.A.C.

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
				69	CALHOUN 423234-1-52-01	47



**STORMWATER POLLUTION PREVENTION PLAN**





NOTE: STAKED TURBIDITY BARRIER SHOWN FOR USE DURING PERIODS OF HIGH FLOW. CONSTRUCTION SHALL UTILIZE FLOATING OR HEAVY FLOWM WHICH WILL OVERTOP THE STAKED TURBIDITY BARRIER.

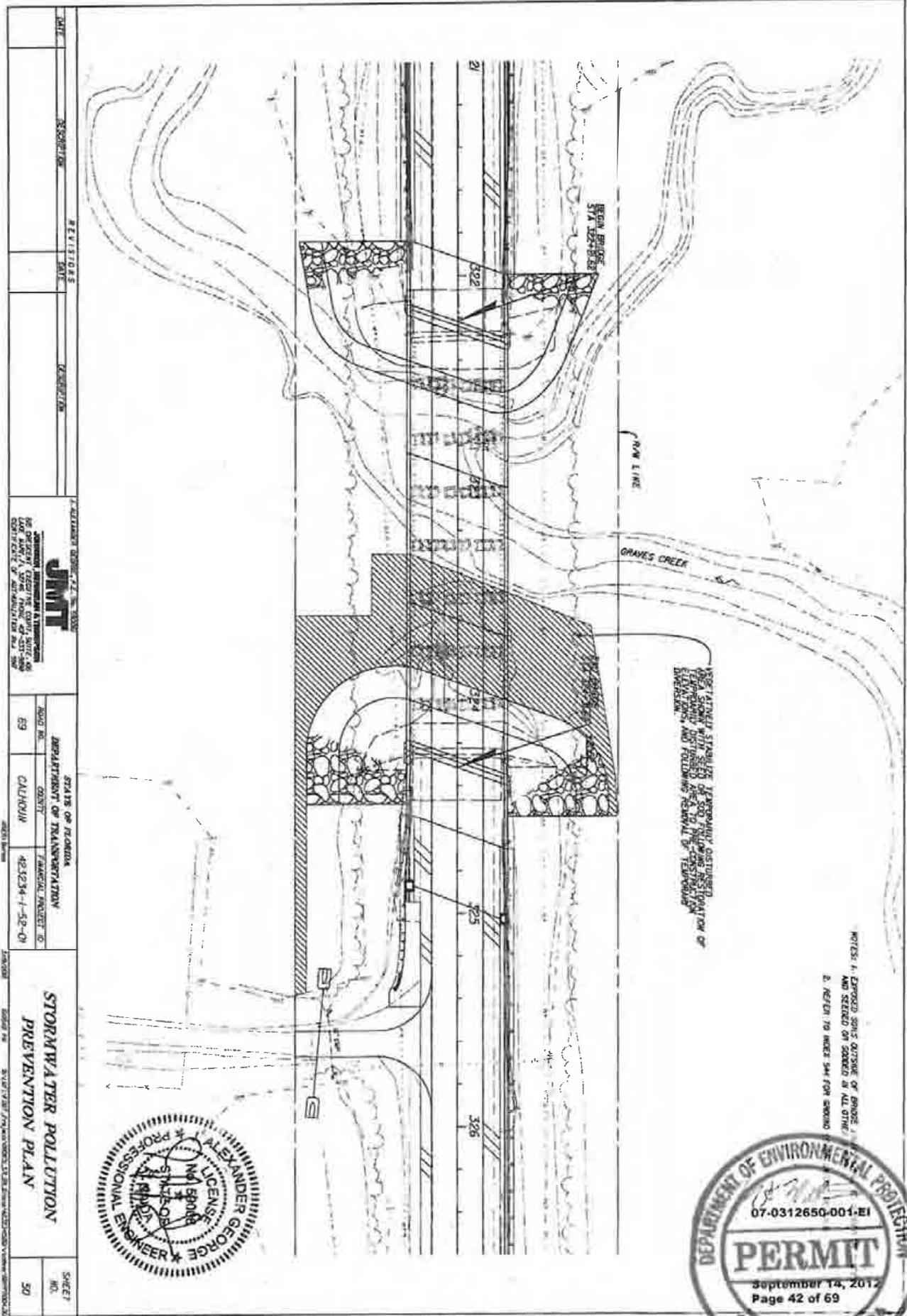
- LEGEND
- STAKED TURBIDITY BARRIER
  - SEDIMENT BARRIER
  - WET PROTECTION SYSTEM
  - TEMPORARY BARRIER
  - TEMPORARY PARABENT
  - LIMITS OF CONSTRUCTION



NOTE: IN THE WETLAND AREAS THE CONSTRUCTION SHALL NOT BEGIN OUTSIDE THE LIMITS OF ALLOWABLE WETLAND IMPACTS.

DATE	DESCRIPTION	REVISION	DATE	DESCRIPTION
<b>J. WILLIAMS ENGINEERING, P.A. INC. 5500</b> <b>JWT</b> JOHNSON, WILLIAMS & THOMPSON 6500 GULF BLVD. SUITE 400 MIAMI, FL 33141-3600 PHONE: (305) 441-1100 FAX: (305) 441-1101 WWW: WWW.JWT-PA.COM				
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 6 CALHOUN PROJECT NO. 421234-1-52-01 DATE: 02/08/08			STORMWATER POLLUTION PREVENTION PLAN SHEET NO. 49	





NOTES: 1. EXPOSED SOBS OUTSIDE OF BRIDGE 1 AND SETBACK OR SOBERD IN ALL OTHERS.  
2. REFER TO MORE SHEETS FOR DETAILS.

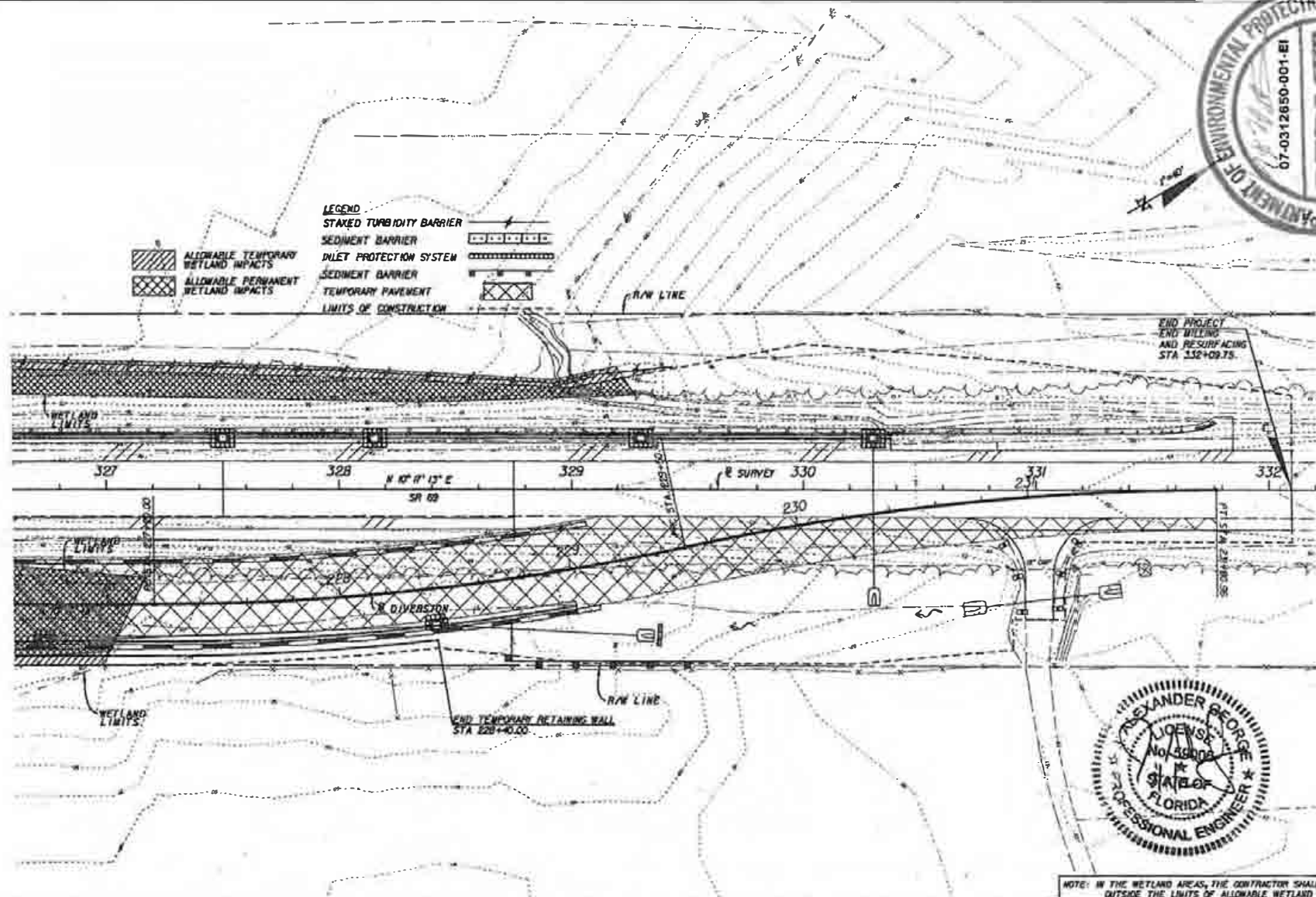
DATE	REVISIONS	DESCRIPTION

		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. 69	COUNTY CALHOUN	FINANCIAL PROJECT ID 481234-1-52-01	SHEET NO. 50

STORMWATER POLLUTION  
PREVENTION PLAN



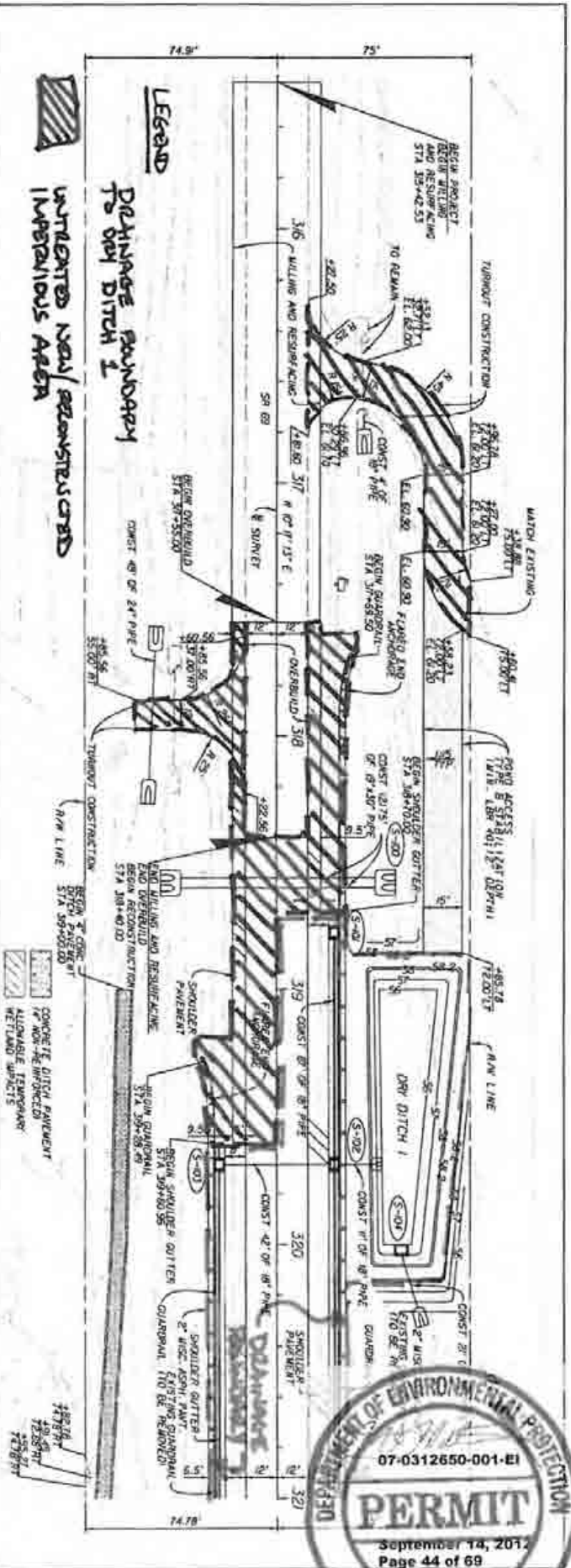
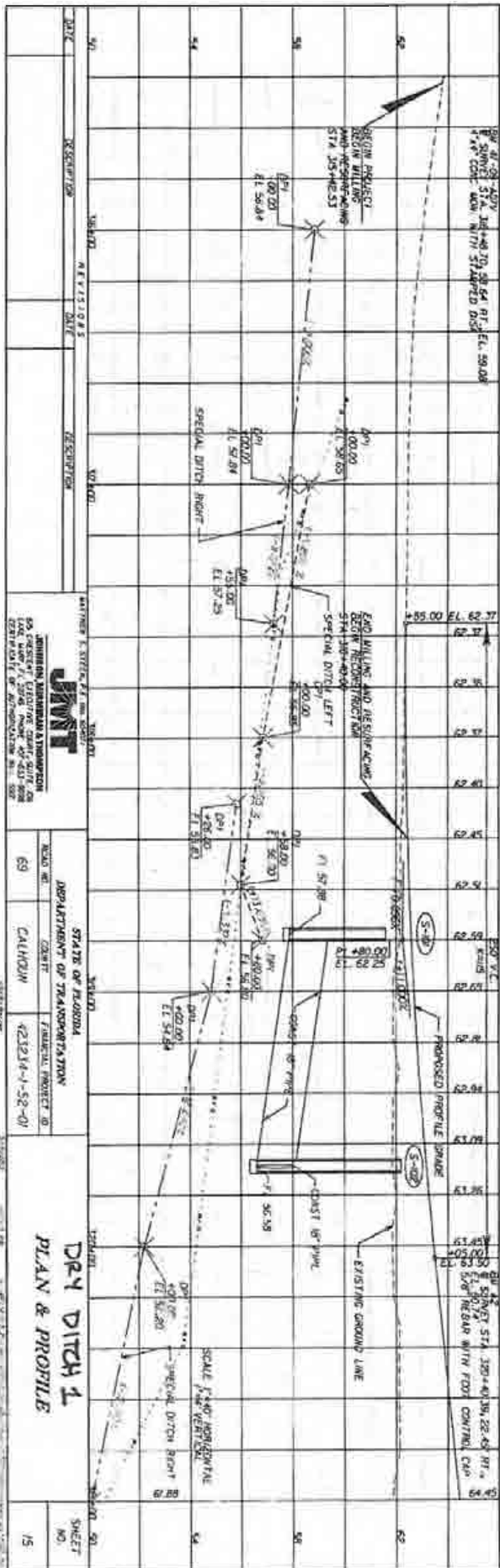


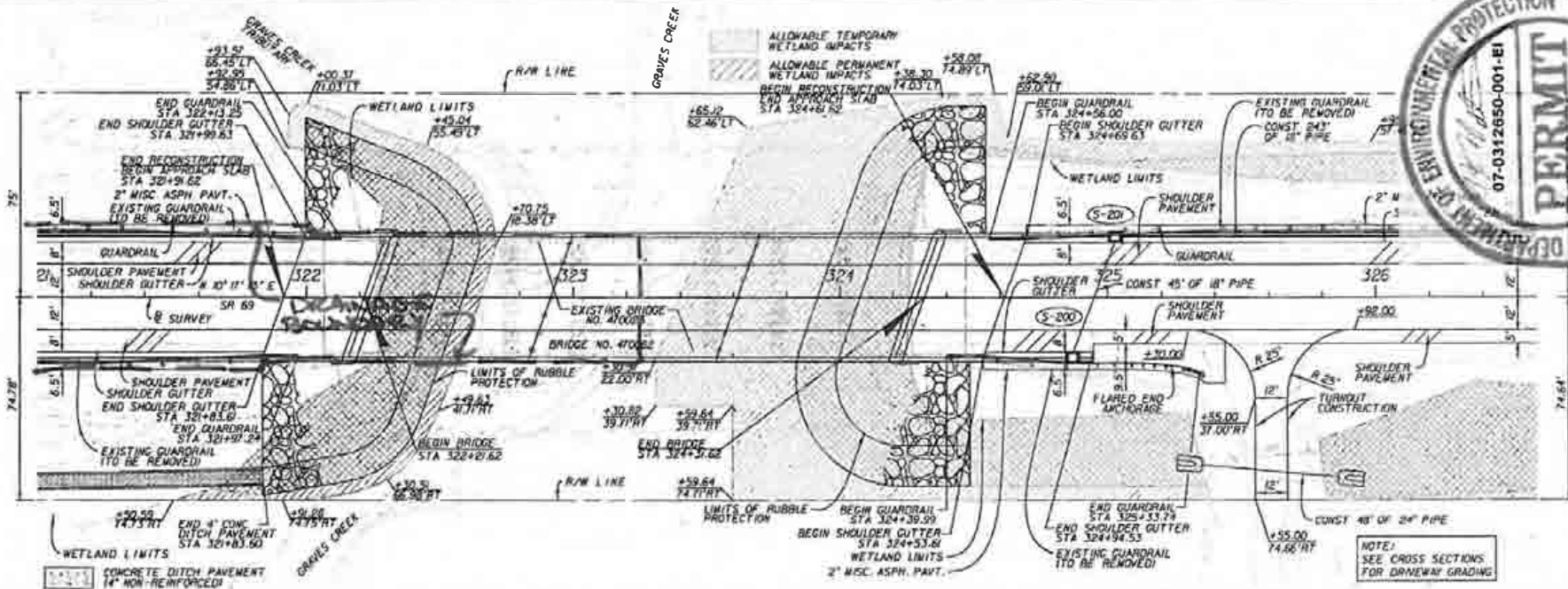
NOTE: IN THE WETLAND AREAS, THE CONTRACTOR SHALL NOT WORK OUTSIDE THE LIMITS OF ALLOWABLE WETLAND IMPACTS.

REVISORS		A. ALEXANDER GEORGE, P.E. No. 38804		STATE OF FLORIDA			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION			
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	51
				69	CALHOUN	423234-1-52-01	

**JMT**  
 JOHNSON, HINDSMAN & THOMPSON  
 810 ORCHARD EXECUTIVE COURT, SUITE 200  
 LAKE WALKER, FL 32066 PHONE 407-433-9298  
 CERTIFICATE OF AUTHORIZATION No. 5907

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE. SIGNED AND SEALED UNDER RULE 6009-23.001, F.A.C.





WETLAND LIMITS  
CONCRETE DITCH PAVEMENT  
14" NON-REINFORCED

NOTE:  
SEE CROSS SECTIONS  
FOR DRAINWAY GRADING

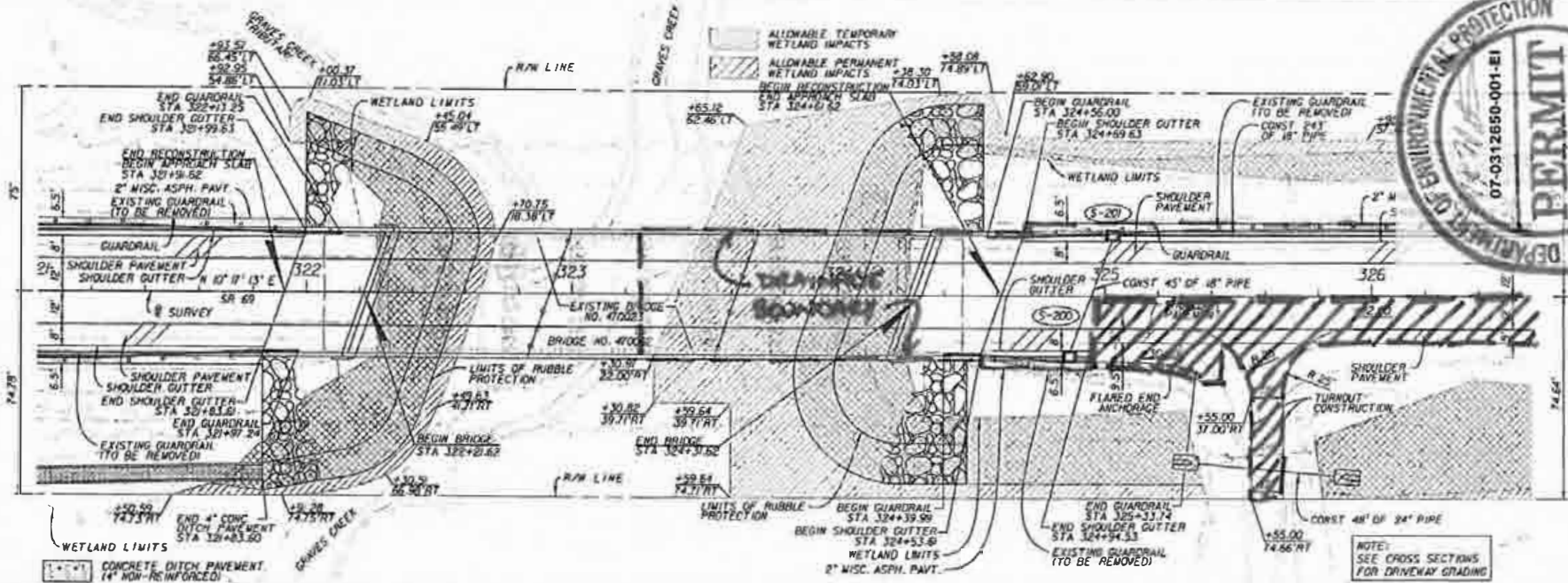
DW A3  
R SURVEY STA. 321+23.38, 24.42 RT.,  
E.L. 80.60  
5/8" REBAR WITH 1'00" CONTROL CURV

DW 17-09-200V  
R SURVEY STA. 325+88.04, 89.44 RT.,  
E.L. 87.79  
4" x 4" CONC. W/CH. WITH STAMPED DISK

SEE FOLLOWING SHEET FOR PROFILE VIEW

REVISIONS		REVISIONS		JMT JOHNSON, BRUNNER & THOMPSON 800 PRESIDENT EXECUTIVE CENTER, SUITE 400 LAKE WOOD, FL 32746, PHONE 407-833-9006 CERTIFICATE OF AUTHORIZATION NO. 1397	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRY DITCH 1 PLAN & PROFILE	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					69	CALHOUN	423234-1-52-01		

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.001, F.A.C.



OW A3  
 @ SURVEY STA 323+23.30, 24.42' RT.,  
 EL. 60.60  
 5/8" REBAR WITH Y-DOT CONTROL C&I

OW 47-05-40BY  
 @ SURVEY STA. 325+68.94, 83.44 RT.,  
 EL. 37.79'  
 4" x 4" CONC. W/ W. WITH STAMPED DISK

SEE FOLLOWING SHEET FOR PROFILE VIEW

- LEGEND**
- DRAINAGE BOUNDARY TO DRY DITCH 2
  - [Hatched Box] UNTREATED NEW/RECONSTRUCTED IMPERVIOUS AREA
  - [Solid Box] TREATED EXIST. IMPERVIOUS AREA (COMPENSATION)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

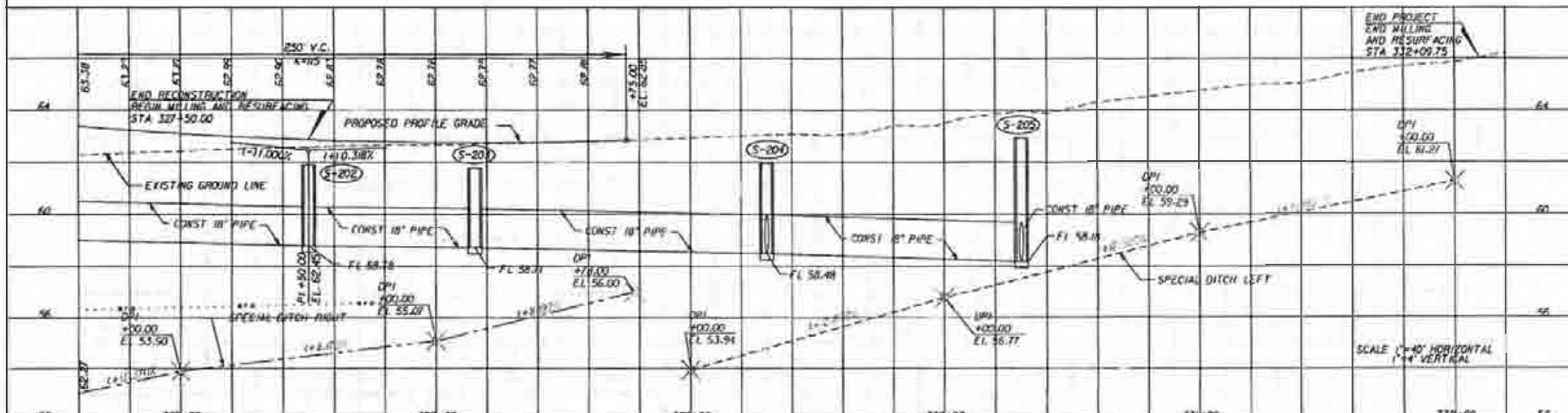
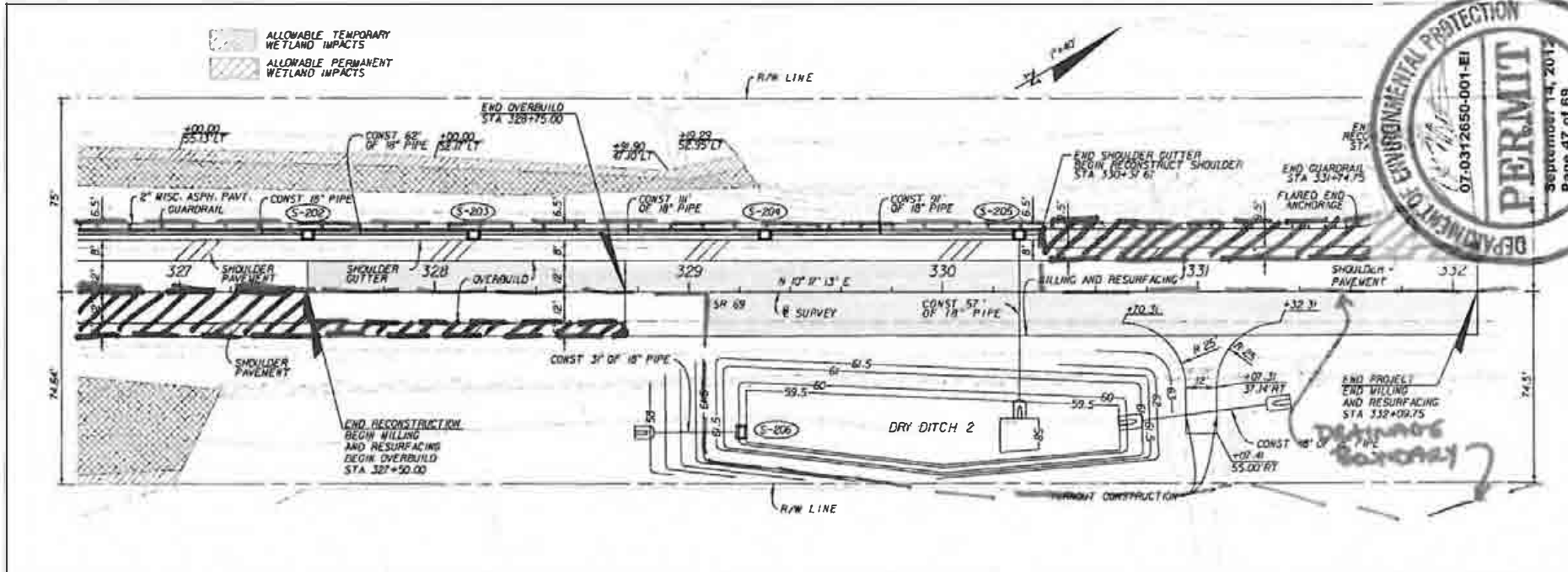
MATTHEW S. STEEN, P.E. (INC. 80407)  
**JMT**  
 JOHNSON, MIRONIKIAN & THOMPSON  
 415 CRESCENT EXECUTIVE COURT, SUITE 408  
 LAKE MANATEE, FL 33706, PHONE 407-833-6600  
 CERTIFICATE OF ACADEMATIC NO. 0007

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69      COUNTY CALHOUN      FINANCIAL PROJECT ID 423234-1-52-01

**DRY DITCH 2**  
**PLAN & PROFILE**

SHEET NO.  
 16

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SIGNED UNDER RULE 605-23.003, F.A.C.

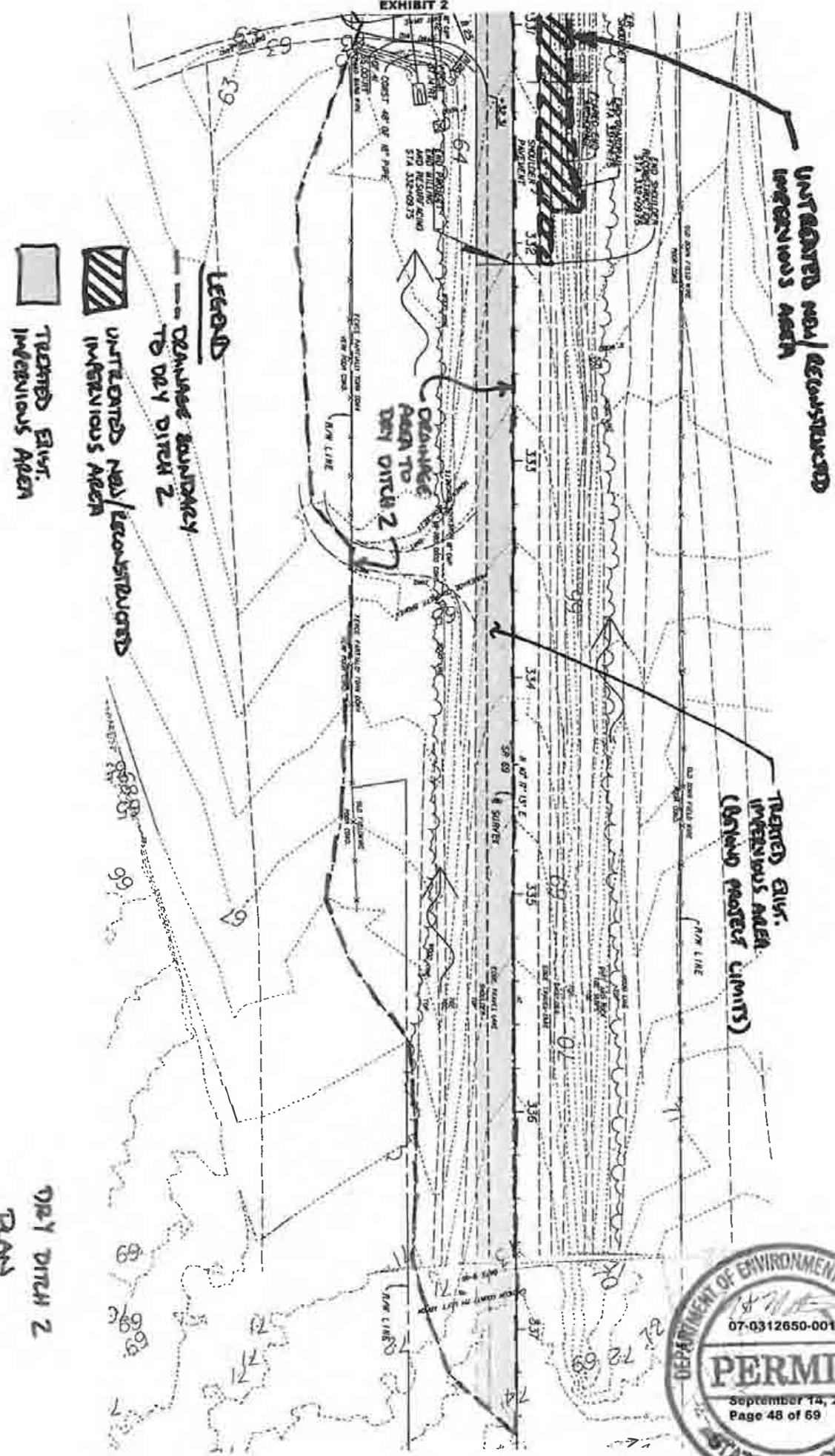


DATE	REVISION	REVISOR	DESCRIPTION

MATTHEW E. STEEL, P.E. 5000 <b>JMT</b> JOHNSON, MORGAN & THOMPSON 600 S. GULF BLVD., SUITE 100 LAKE WALKER, FL 33746, PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION NO. 308			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN FINANCIAL PROJECT ID. 423234-1-52-01	<b>DRY DITCH 2</b> <b>PLAN &amp; PROFILE</b>	SHEET NO. 18
--	--	--	---	---	-----------------

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE ISSUED AND SEALED UNDER RULE 605-23.003, F.A.C.

EXHIBIT 2



**LEGEND**

--- DRAINAGE BOUNDARY TO DRY DITCH 2

UNTRACTED non/RECONSTRUCTED INTERVIOUS AREA

TREATED GULF. INTERVIOUS AREA

DRY DITCH 2  
PANS

UNTRACTED non/RECONSTRUCTED INTERVIOUS AREA

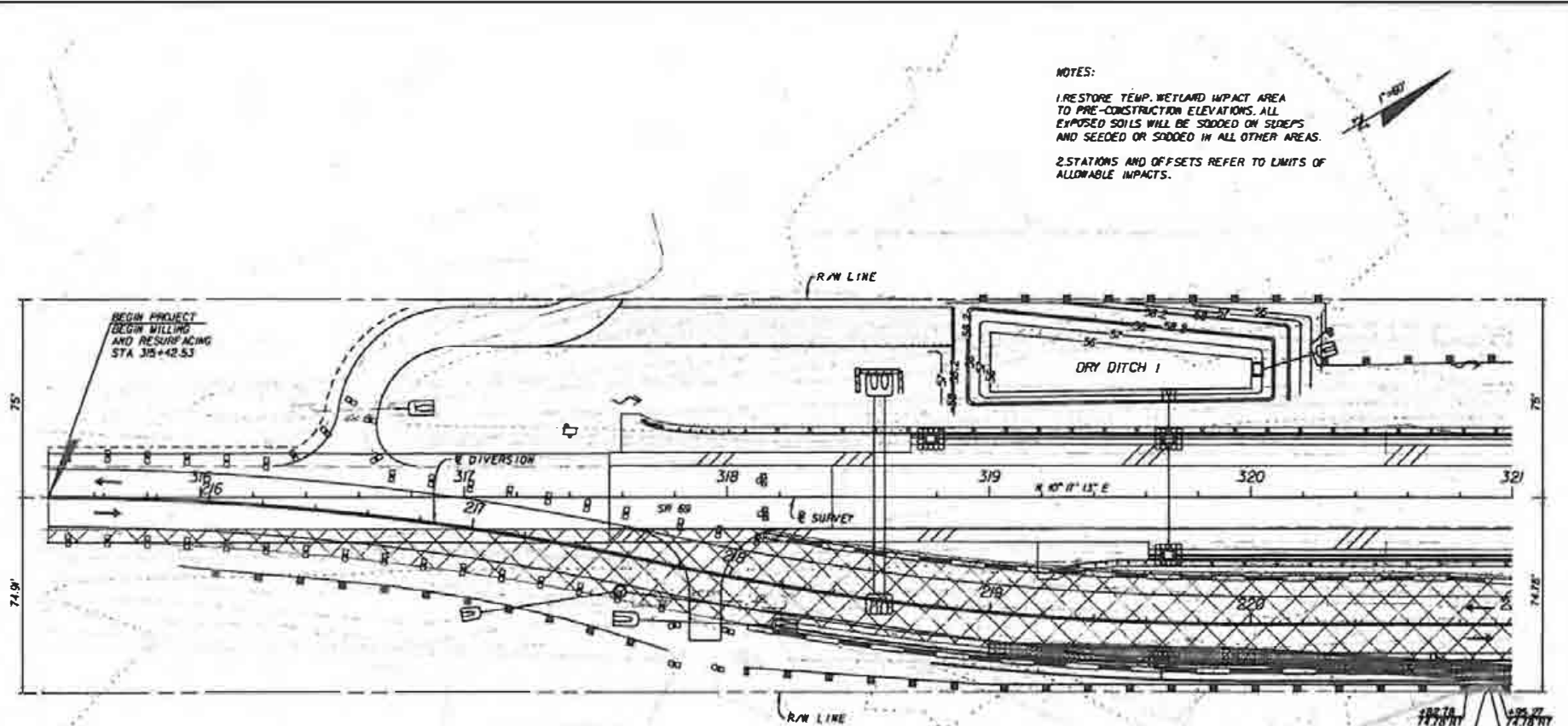
TREATED GULF. INTERVIOUS AREA (BEHIND PROTECT. LIMITS)





**NOTES:**

1. RESTORE TEMP. WETLAND IMPACT AREA TO PRE-CONSTRUCTION ELEVATIONS. ALL EXPOSED SOILS WILL BE SOODED ON SLOPES AND SEEDED OR SOODED IN ALL OTHER AREAS.
2. STATIONS AND OFFSETS REFER TO LIMITS OF ALLOWABLE IMPACTS.



- LEGEND**
- STAKED TURBIDITY BARRIER
  - SEDIMENT BARRIER
  - INLET PROTECTION SYSTEM
  - SEDIMENT BARRIER
  - TEMPORARY PAVEMENT

- LEGEND:**
- TEMPORARY WETLAND IMPACTS DUE TO TEMPORARY WORK STRUCTURE AND EROSION CONTROLS. TEMP. FILL IMPACTS = 0.0002 AC (112 SF)
  - WETLAND LIMITS

TEMPORARY WETLAND IMPACTS  
0.0002 AC (112 SF)



VISIONS	DATE	DESCRIPTION

**JMT**  
 JOHNSON, MURPHY & THOMPSON  
 65 CHESTNUT EXECUTIVE COURT, SUITE 206  
 LARGO, FL 34680 PHONE: 407-515-9008  
 CERTIFICATE OF AUTHORIZATION NO. 507

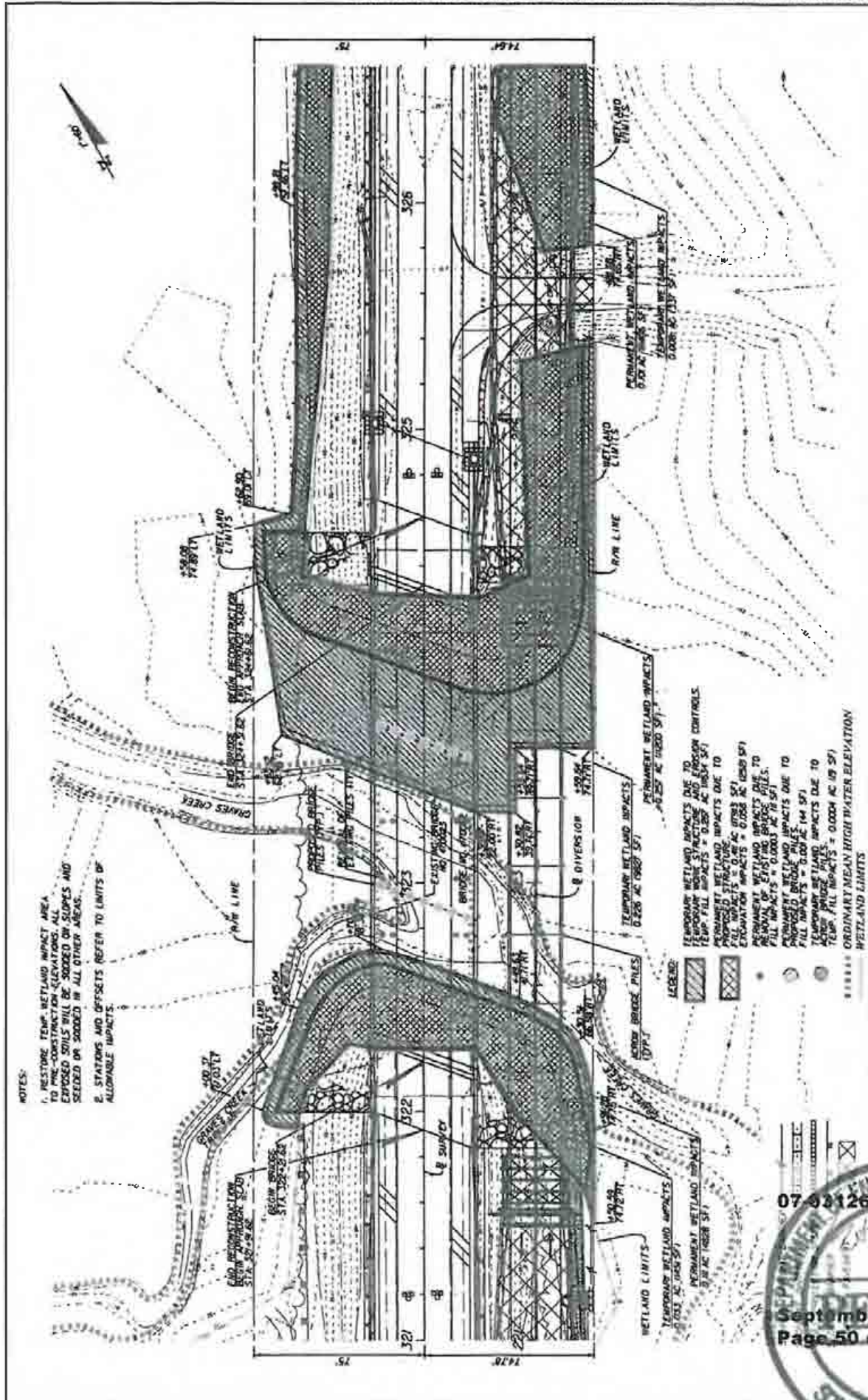
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

**PLAN** EXHIBIT 1

SHEET NO.

EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE VERSION AND SHALL WEIGH MORE THAN ANY PRINTED COPY.



NOTES:  
 1. RESTORE TEMP. WETLAND IMPACT AREA TO PRE-CONSTRUCTION ELEVATIONS. ALL EXPOSED SOILS WILL BE SOODED ON SLOPES AND SEEDED OR SOODED IN ALL OTHER AREAS.  
 2. STATIONS AND OFFSETS REFER TO LIMITS OF ALLOWABLE IMPACTS.

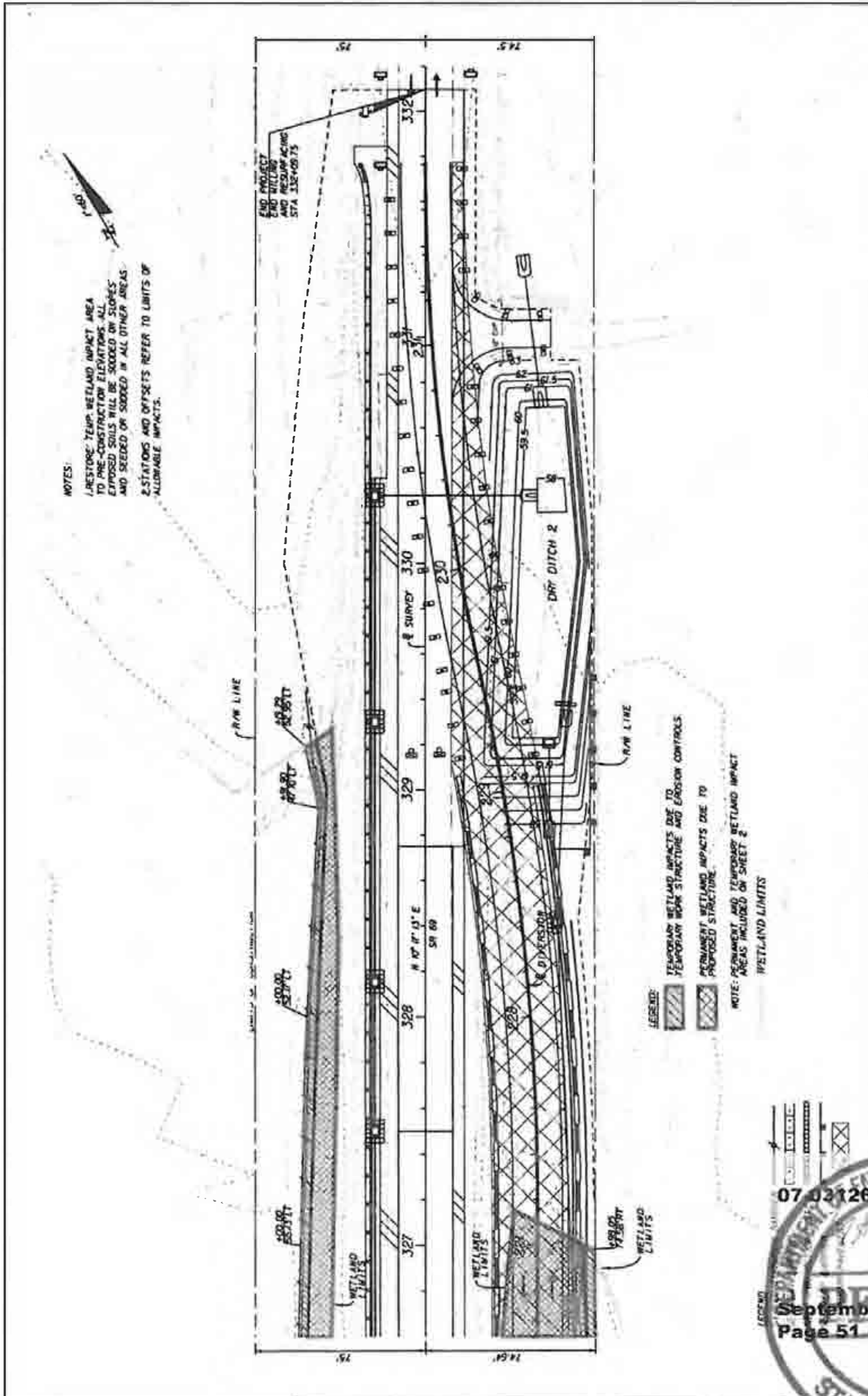
LEGEND:  
 [Hatched Box] TEMPORARY WETLAND IMPACTS DUE TO PROPOSED STRUCTURE  
 [Cross-hatched Box] PERMANENT WETLAND IMPACTS DUE TO PROPOSED STRUCTURE  
 [Dotted Box] TEMPORARY WETLAND IMPACTS DUE TO TEMP. FILL IMPACTS = 0.000 AC (0.00% SFI)  
 [Solid Box] PERMANENT WETLAND IMPACTS DUE TO TEMP. FILL IMPACTS = 0.000 AC (0.00% SFI)  
 [Circle with X] BRIDGE BRIDGE PILES  
 [Circle with Dot] DIVERSION  
 [Circle with Star] WETLAND RESTORATION  
 [Circle with Hash] RPM LINE  
 [Circle with Triangle] ORDINARY MEAN HIGH WATER ELEVATION  
 [Dashed Line] WETLAND LIMITS



STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		SHEET NO.	
ROAD NO.	COUNTY	PROJECT NO.	EXHIBIT 2		
69	CALHOUN	421234-1-52-01	PLAN		
DATE		SCALE			
VISITORS		DATE			
DESCRIPTION		DATE			

EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER FILE 695-23-003.F.A.C.



NOTES:  
 1. RESTORE TEMP WETLAND IMPACT AREA TO PRE-CONSTRUCTION ELEVATIONS. ALL EXPOSED SOILS WILL BE SOODED ON SLOPES AND SEEDED ON SODDED IN ALL OTHER AREAS.  
 2. STATIONS AND OFFSETS REFER TO LIMITS OF ALLODIABLE IMPACTS.

LEGEND:  
 TEMPORARY WETLAND IMPACTS DUE TO TEMPORARY WORK STRUCTURE AND EROSION CONTROLS  
 PERMANENT WETLAND IMPACTS DUE TO PROPOSED STRUCTURE  
 NOTE: PERMANENT AND TEMPORARY WETLAND IMPACT AREAS INCLUDED ON SHEET 2  
 WETLAND LIMITS

SHEET NO.	EXHIBIT 3
PLAN	

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
ROAD NO.	69
COUNTY	CALHOUN
PROJECT NO.	423234-1-52-01

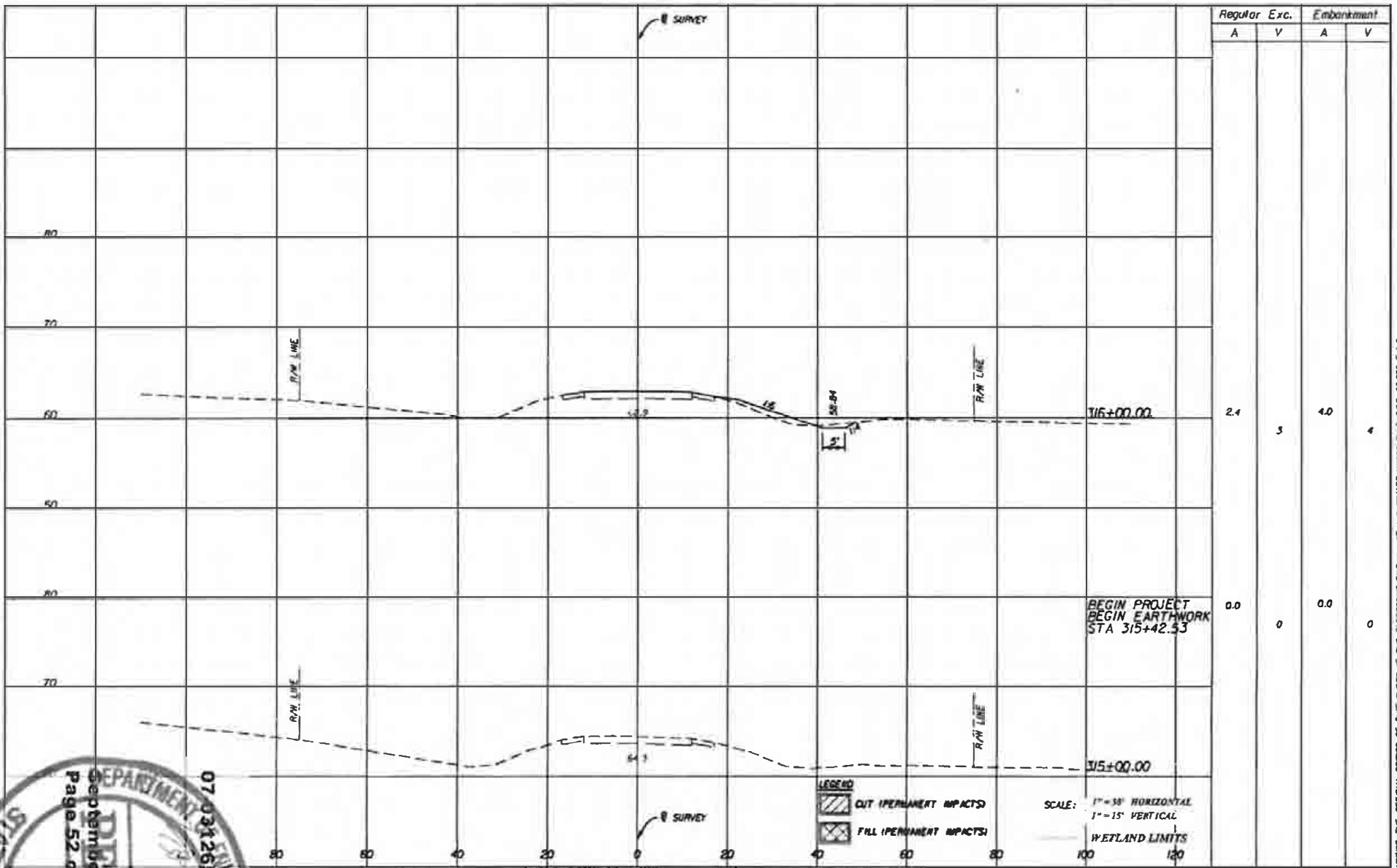
**JMT**  
 JOHNSON, MERRITT & THOMPSON  
 6500 COUNTRY CLUB DRIVE, SUITE 400  
 TALLAHASSEE, FLORIDA 32310-2000  
 ENGINEERS & ARCHITECTS

07-0312650-001:EA

September 14, 2012  
 Page 51 of 69

STATE OF FLORIDA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 PERMIT

**EXHIBIT 3**



VISIONS	DATE	DESCRIPTION

MATTHEW S. STEER, P.E. No. 00401  
**JMT**  
 JOHNSON, ROBINSON & THOMPSON  
 85 CRESCENT EXECUTIVE COURT, SUITE 606  
 LAKE WARE, FL 32746 PHONE 407-833-9500  
 CERTIFICATE OF AUTHORIZATION No. 1007

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

SCALE: 1" = 30' HORIZONTAL  
1" = 15' VERTICAL

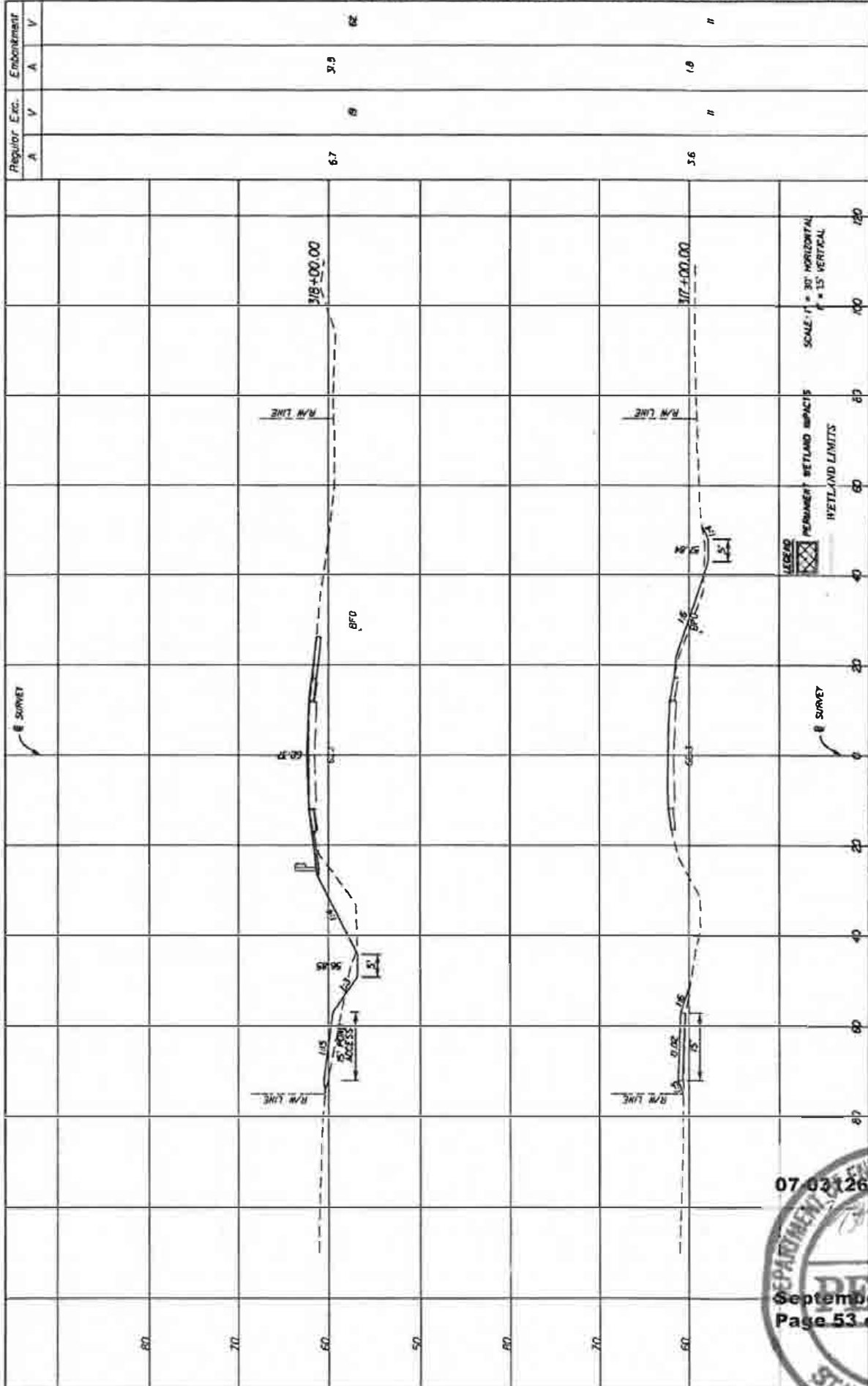
WETLAND LIMITS

**CROSS SECTIONS EXHIBIT 4**

SHEET NO.	4 5
-----------	-----

# EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 605-21.003, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
6.7	8	3.9	20
5.6	11	1.8	11

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. 69	PROJECT ID 423234-1-52-01
COUNTY CALHOUN		DATE 08/14/12	
JMT JOHNSON, MERRILL & THOMPSON 605 SPRECKEL ELECTRIC AVENUE, SUITE 200 LAKE JARVIS, FLORIDA 32046-4911-9000 CORPORATE OR AUTHORITY FOR #1-387		DATE 08/14/12	

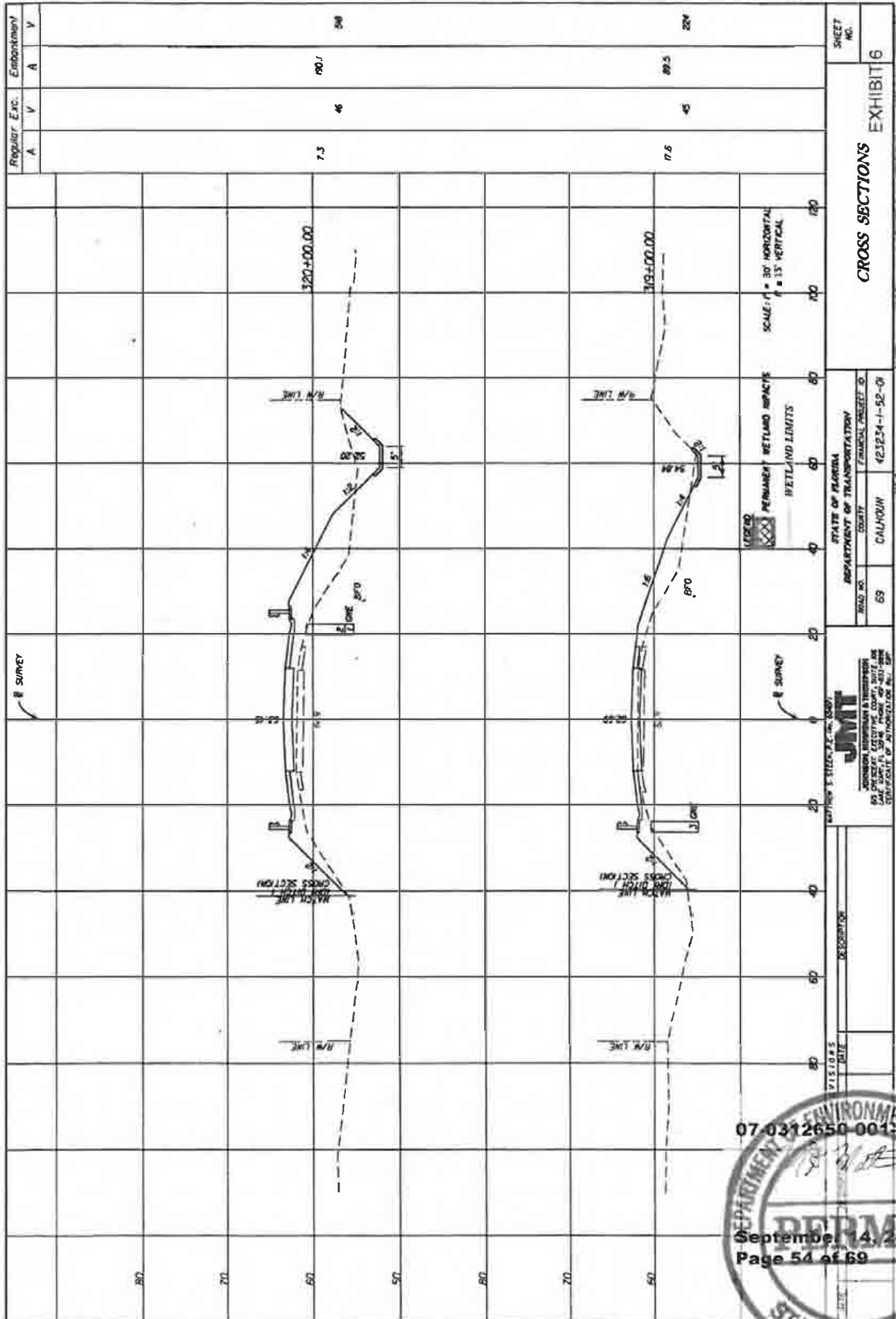


07-0312650-001-E1

September 14, 2012  
Page 53 of 69

EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SPREAD AND SEALED UNDER RULE 60S-23.003, F.A.C.



Regular Exc. A. V. A. V.

Embankment V. A. V.

7.5 46 89.7 200

7.5 45 89.5 224

CROSS SECTIONS EXHIBIT 6

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

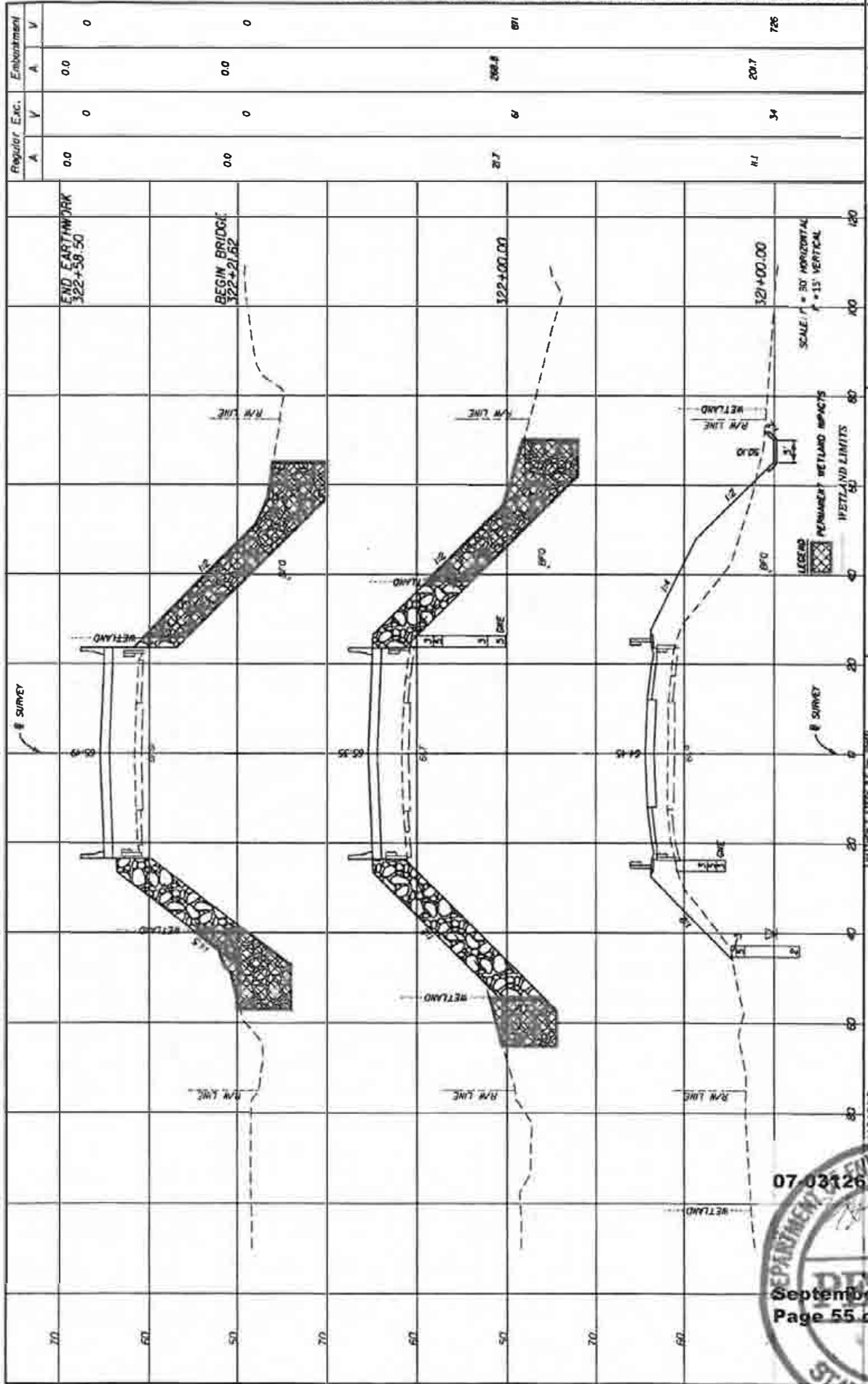
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 69 COUNTY CALHOUN PROJECT # 421324-1-52-01



EXHIBIT 3

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND KEPT UNDER FILE NO. 69-23-003.F.A.C.



Regular Exc.	Embankment	
	A	V
0.0	0.0	0
0.0	0.0	0
21.7	208.8	671
41.1	20.7	76

SHEET NO. 7

**CROSS SECTIONS EXHIBIT 7**

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION
ROAD NO. 69	PROJECT NO. 423234-1-58-01
COUNTY CALHOUN	SECTION 69

DATE: 07/11/12

SCALE: 1" = 30' HORIZONTAL, 1" = 15' VERTICAL

LEGEND: PERMANENT WETLAND IMPACTS (cross-hatch symbol)

WETLAND LIMITS

WETLAND

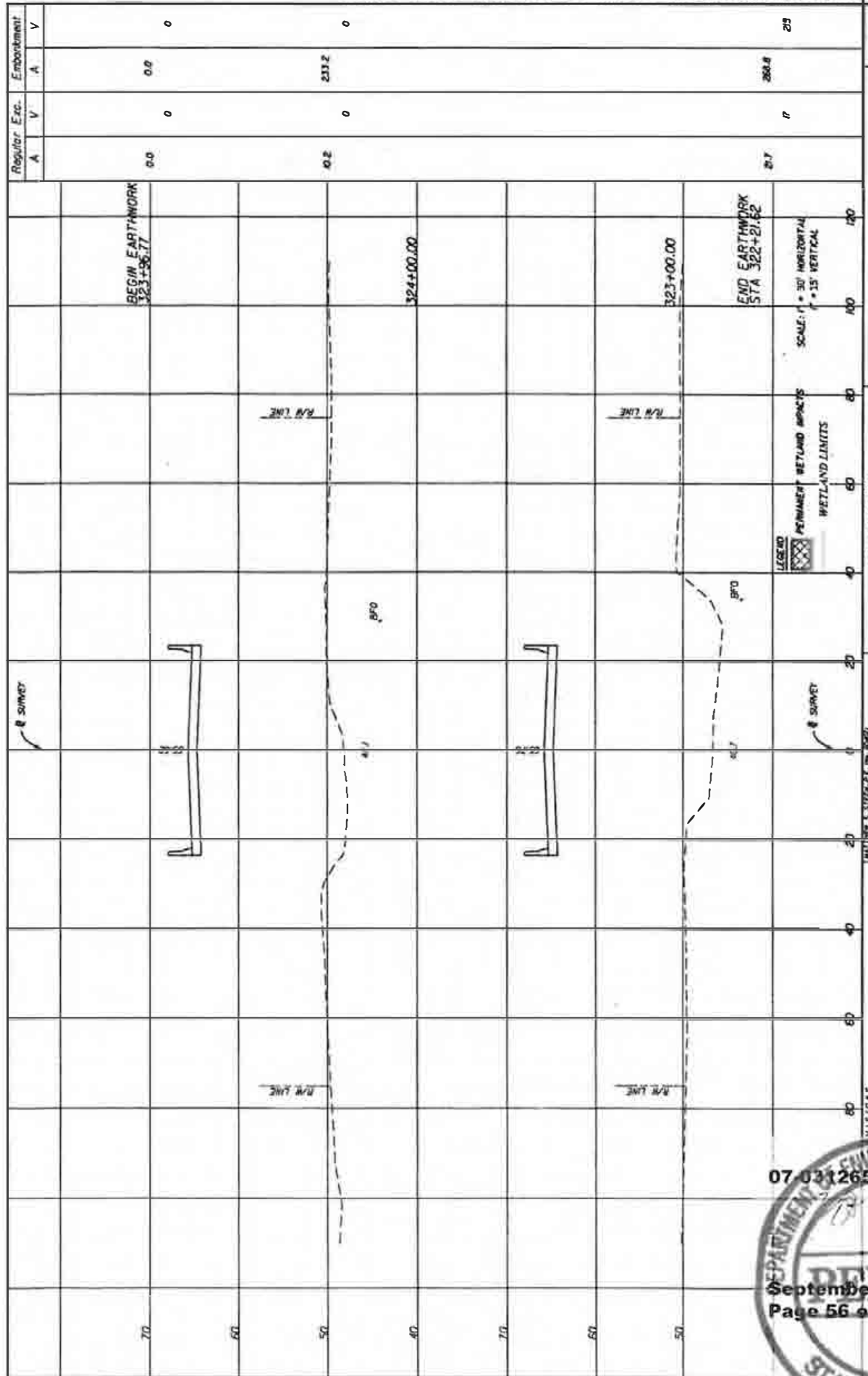
R/W LINE

E SURVEY



EXHIBIT 3

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SAVED AND SEALED UNDER RULE 6005-23.003, F.A.C.



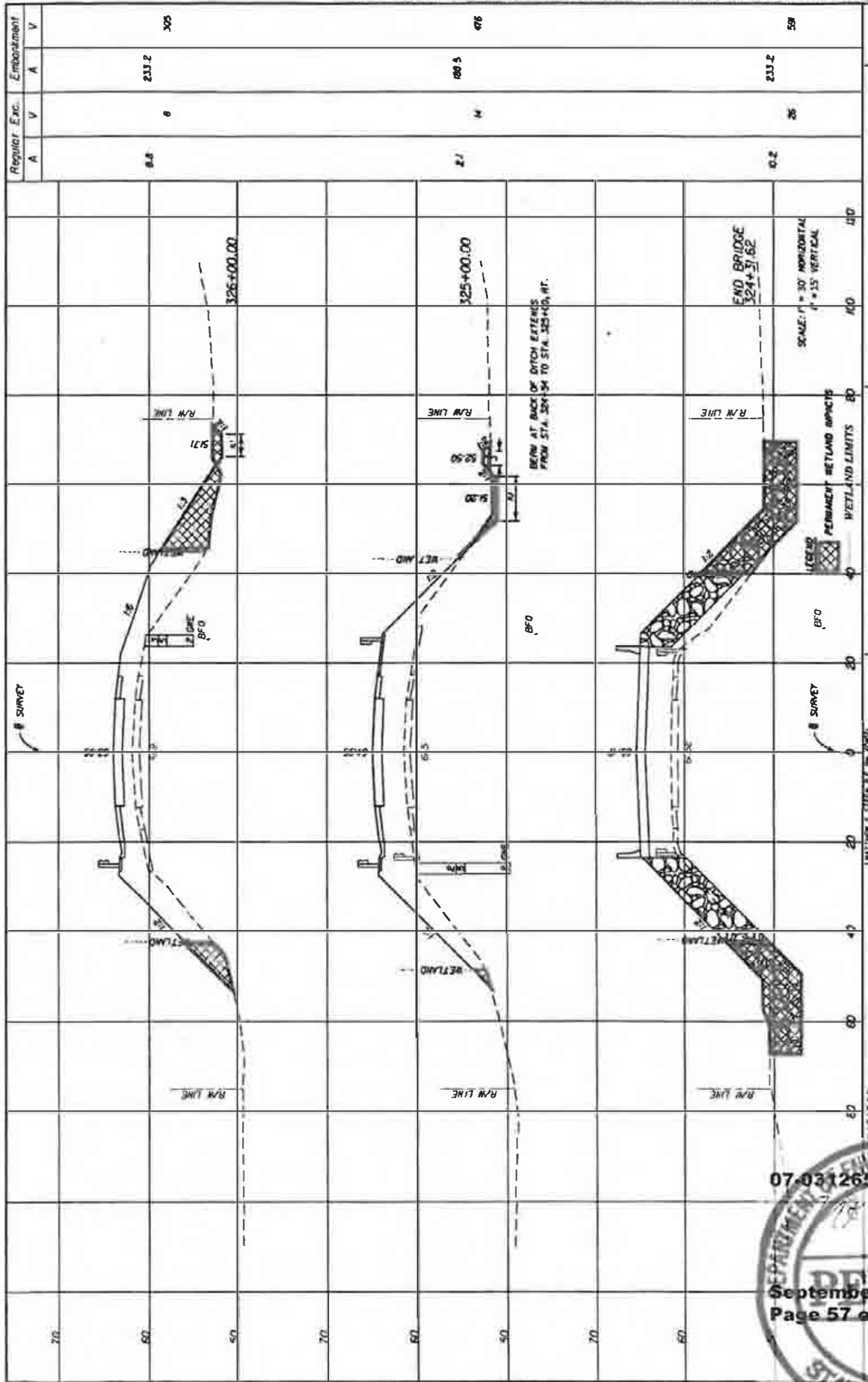
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 68  
 COUNTY CALHOUN  
 PROJECT 423234-1-52-01  
 CONTRACT NO. 68  
 DATE 07/29/12  
 DRAWN BY JMT  
 CHECKED BY JMT  
 APPROVED BY JMT  
 TITLE CROSS SECTIONS EXHIBIT B  
 SHEET NO. 23





EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SAVED AND SEALED UNDER FILE NO. 23-0031-A.C.



Regular Exc.		Embankment		SHEET NO.
A	V	A	V	
0.2	0	233.2	305	59
2.7	4	188.5	476	
0.2	26	233.2	59	

**CROSS SECTIONS EXHIBIT 3**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 69 COUNTY CALHOUN PROJECT NO. 423234-1-52-01

DATE: 07-03-12  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

SCALE: 1" = 30' HORIZONTAL  
1" = 15' VERTICAL

END BRIDGE  
324+51.62

BENEFIT DITCH EXTENS FROM STA. 324+54 TO STA. 324+60, RT.

PERMANENT WETLAND IMPACTS

WETLAND LIMITS

WETLAND

R/W LINE

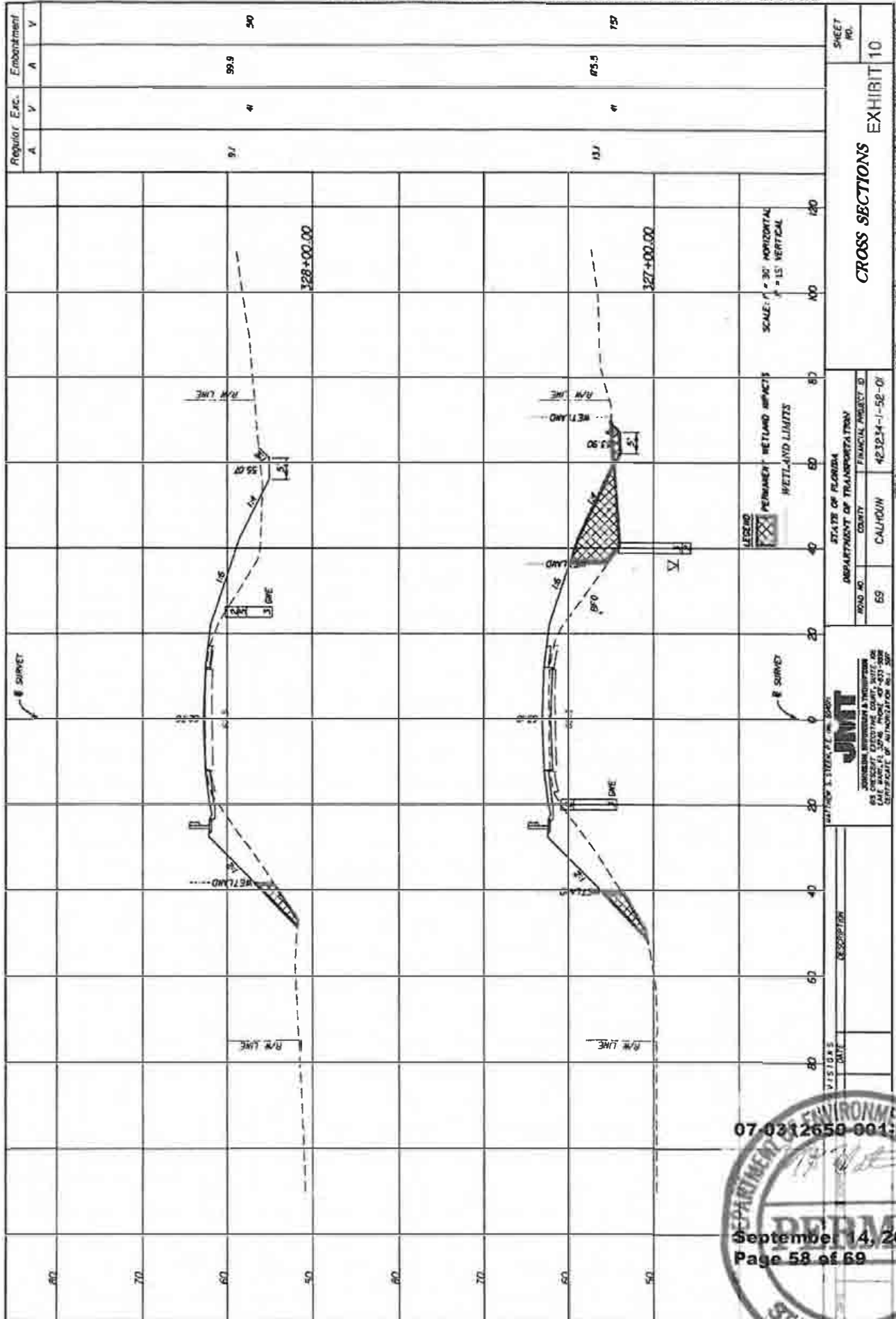
B SURVEY

BFO



EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 605-23.001, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
9.7	4	99.9	50
13.7	4	65.5	75

STATE OF FLORIDA		ROAD NO.	69
DEPARTMENT OF TRANSPORTATION		COUNTY	CALHOUN
PROJECT NO.		FINANCIAL PROJECT ID	42324-1-59-01

DATE	DESCRIPTION

07-0212650-001-ET

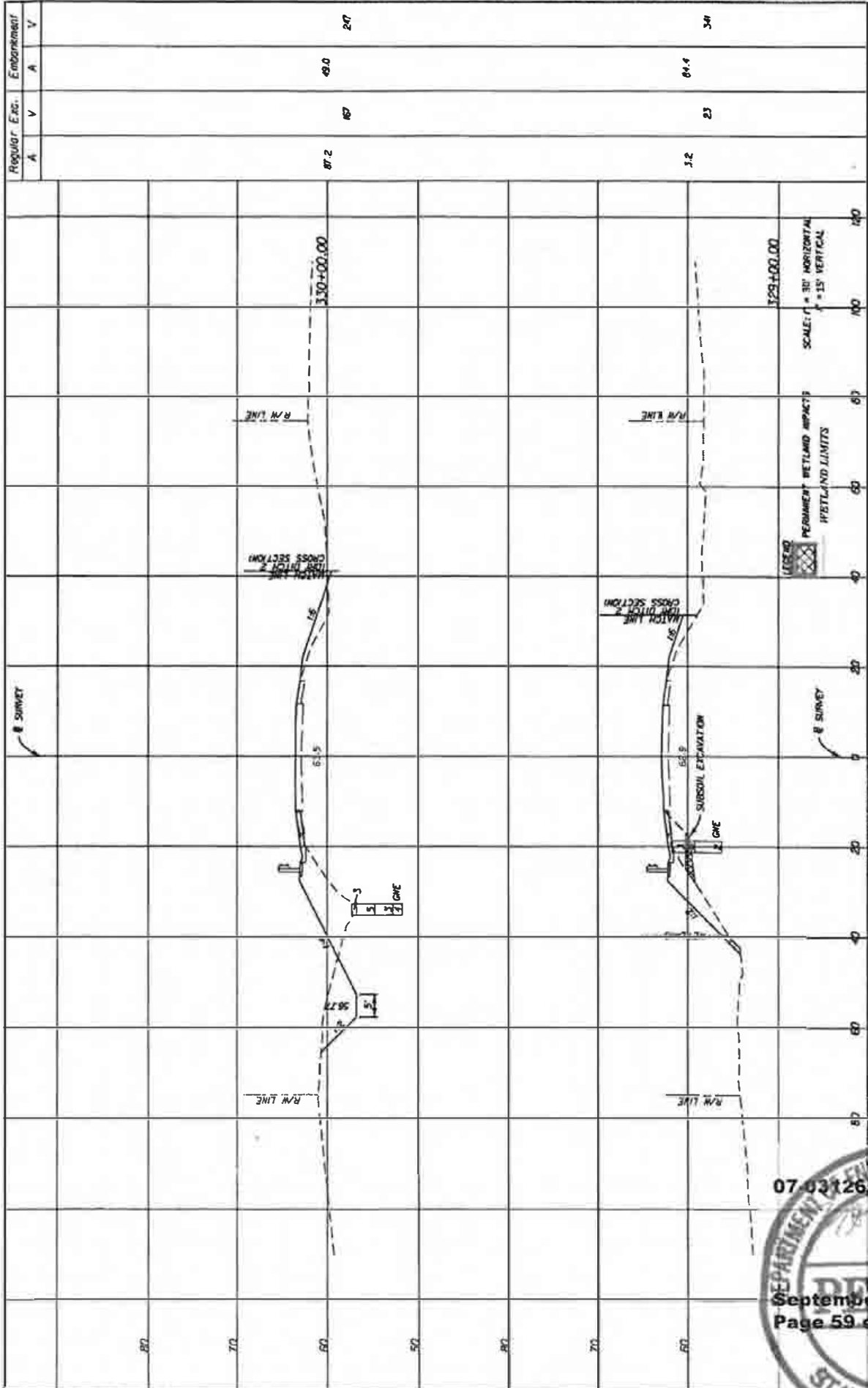
September 14, 2012

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### EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SPEED AND SEALER UNDER RULE 609-23.003, F.A.C.



Regular Exc.		Embankment	
A	V	A	V
87.2	67	69.0	27
3.2	23	64.4	34

	STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	
	ROAD NO.	PROJECT NO.	
69	CALHOUN	423234-1-52-01	
DATE		DESCRIPTION	
7/15/04		SURVEY & ESTIMATION	

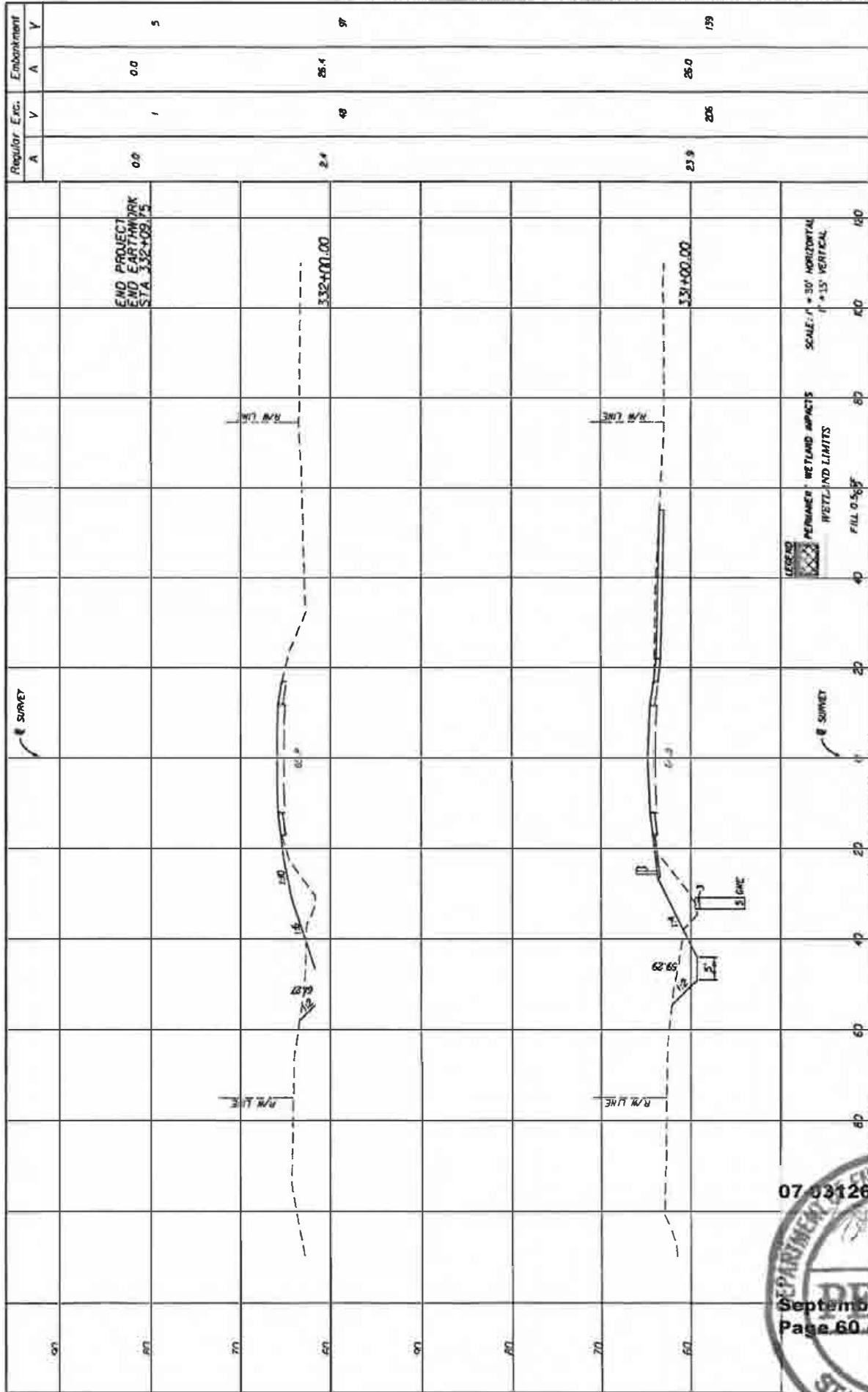
  

	STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	
	ROAD NO.	PROJECT NO.	
69	CALHOUN	423234-1-52-01	
DATE		DESCRIPTION	
7/15/04		SURVEY & ESTIMATION	



**EXHIBIT 3**

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND RECALLED UNDER FILE #005-23-0031.P.L.E.



Regular Exc.		Embankment		SHEET NO.
A	V	A	V	
0.0	1	0.0	5	EXHIBIT 12
2.4	48	26.4	97	
23.9	206	26.0	159	

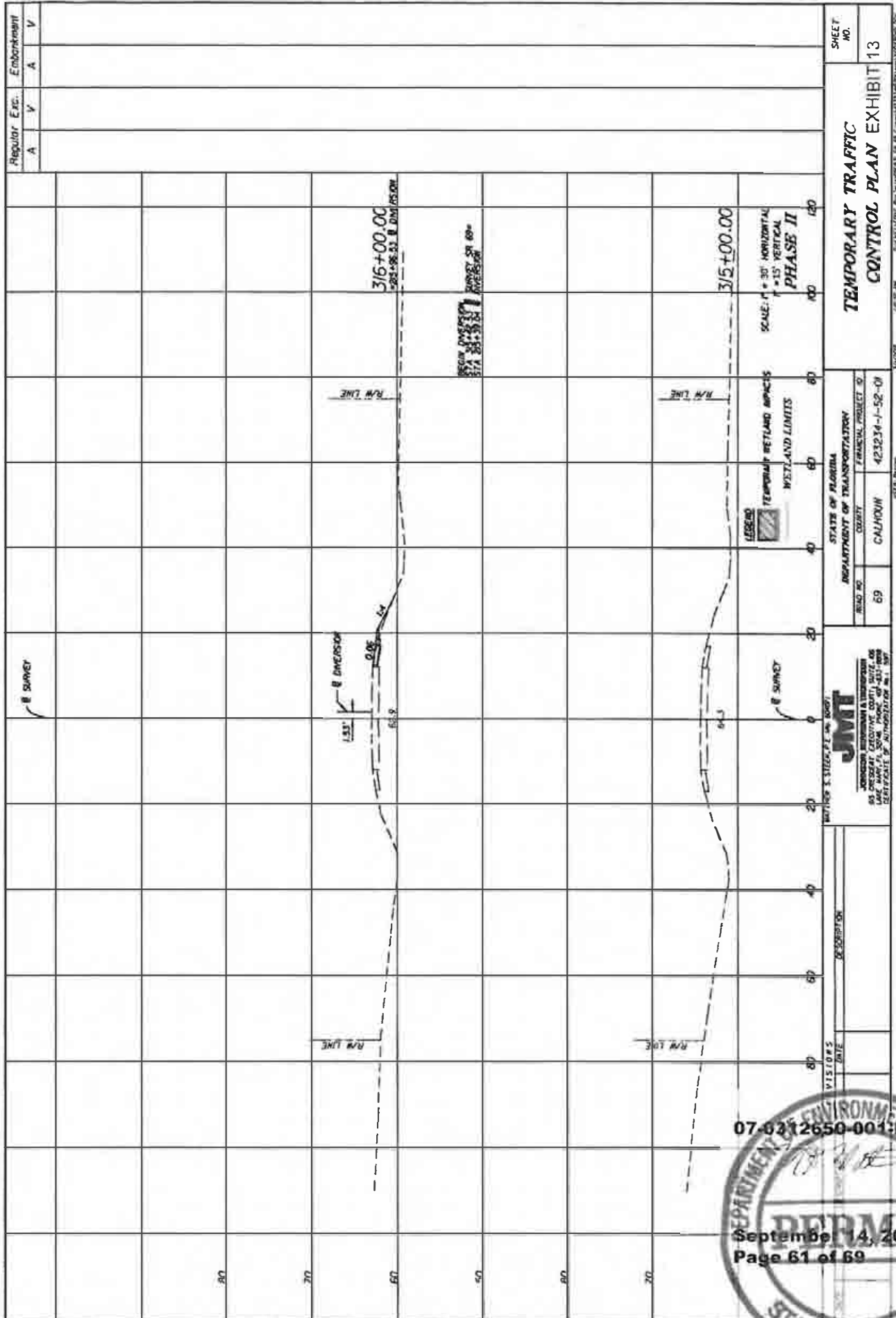
STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
ROAD NO. 69  
COUNTY CALHOUN  
FISCAL PROJECT ID 423234-1-59-01

LEGEND  
PERMANENT WETLAND IMPACTS  
WETLAND LIMITS  
SCALE: H = 30' HORIZONTAL  
V = 15' VERTICAL  
FILL 0.5:1



EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND SEALED UNDER RULE 605-23.003, F.A.C.

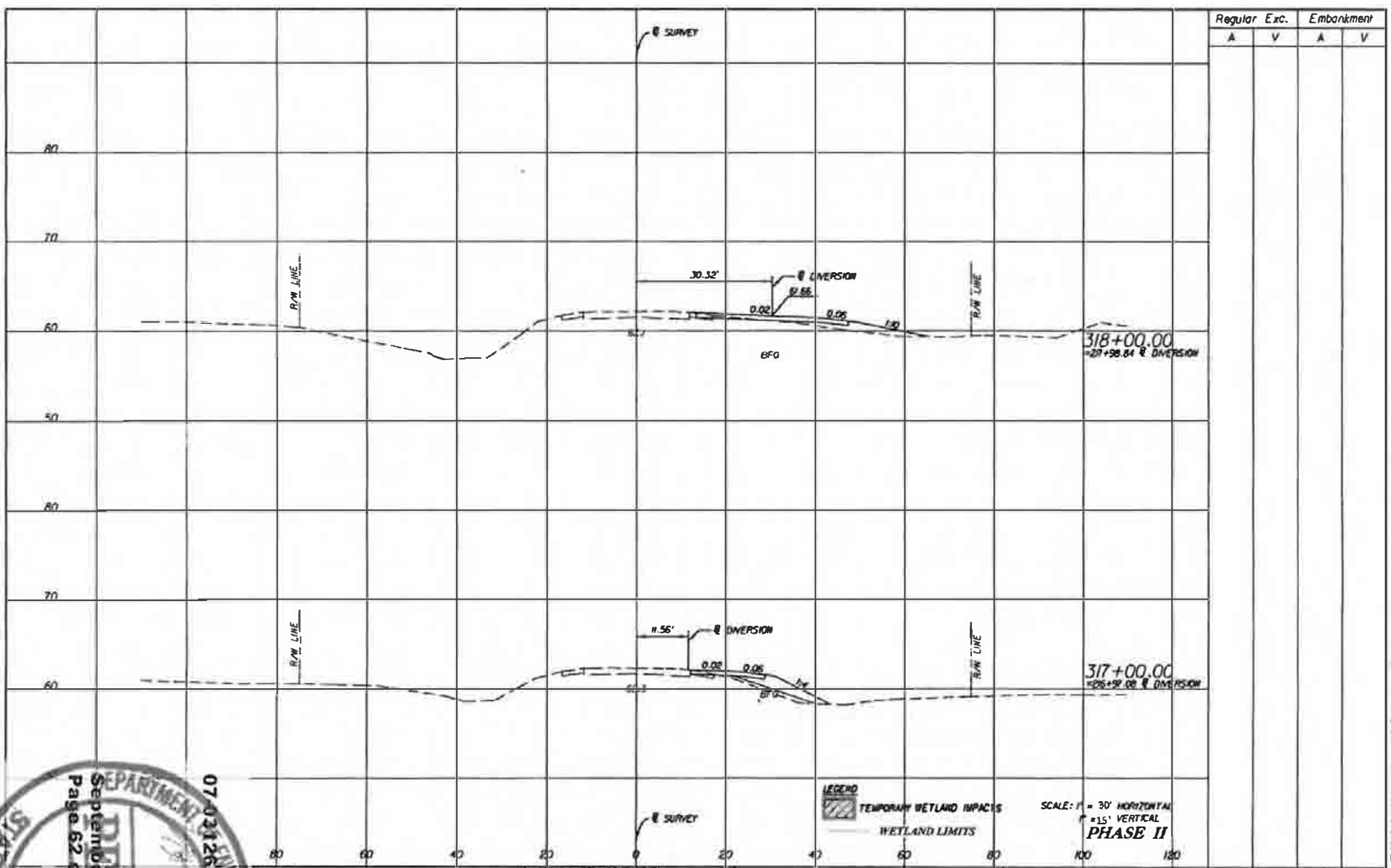


07-02-12 650-001:EL



September 14, 2012  
Page 61 of 69

**EXHIBIT 3**



NO.	DATE	DESCRIPTION

MATTHEW S. STEER, P.E. (05491)

**JMT**

JEDOGHEN, DIMMICK & THOMPSON  
 60 CHESTNUT EXECUTIVE COURT, SUITE 208  
 LAKE WORTH, FL 33466 PHONE 407-433-8888  
 CERTIFICATE OF AUTHORIZATION No. 1397

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

LEGEND

TEMPORARY WETLAND IMPACTS

WETLAND LIMITS

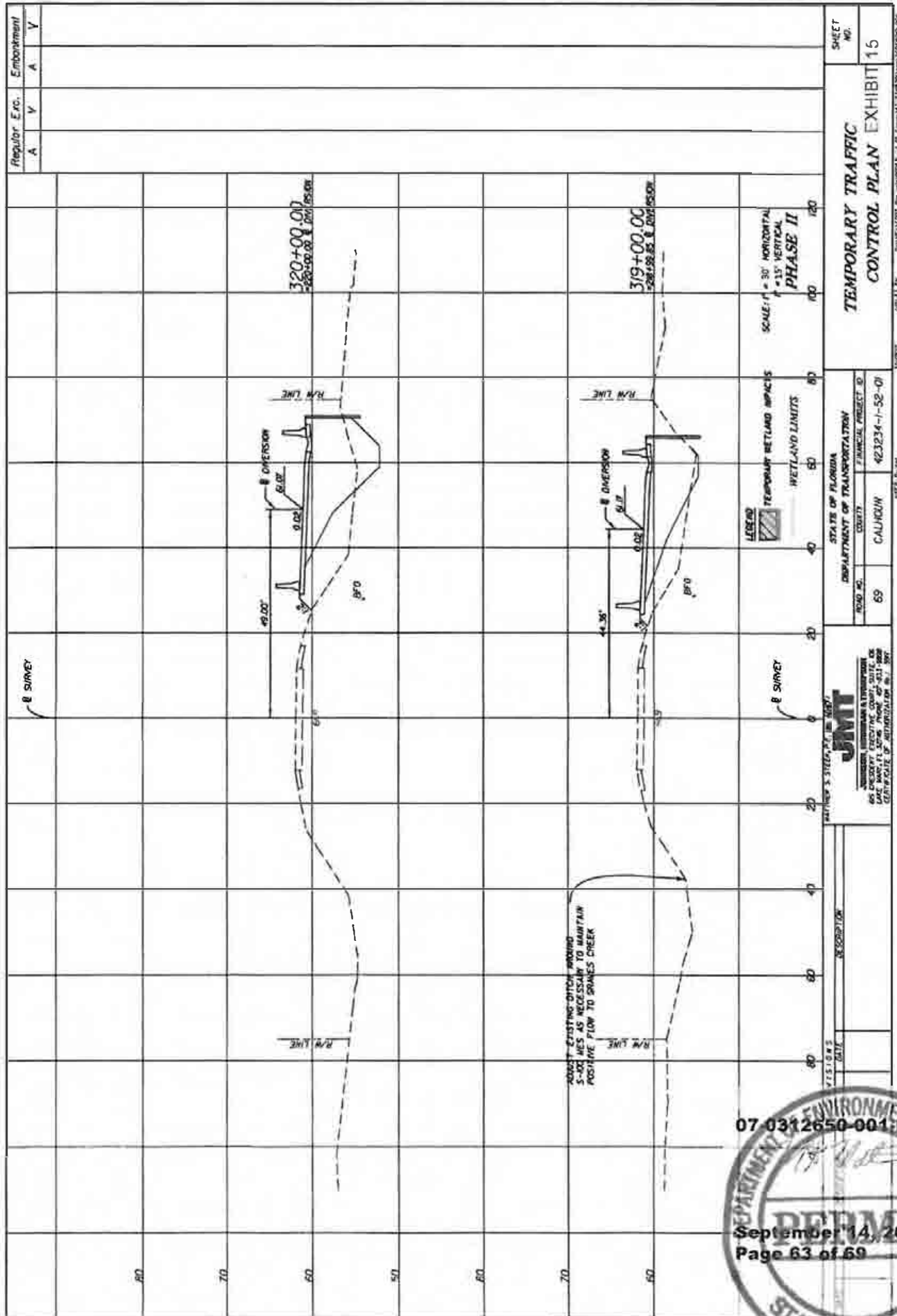
SCALE: 1" = 30' HORIZONTAL  
 1" = 15' VERTICAL

**PHASE II**

SHEET NO.	14
-----------	----

EXHIBIT 3

NOTE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED UNDER RULE 605-21.001, F.A.C.



REGULAR E.R.C. Embankment  
 A V A V  
 SHEET NO. 15

TEMPORARY TRAFFIC CONTROL PLAN EXHIBIT 15

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69 CALHOUN  
 FINANCIAL PROJECT ID 423234-1-52-01

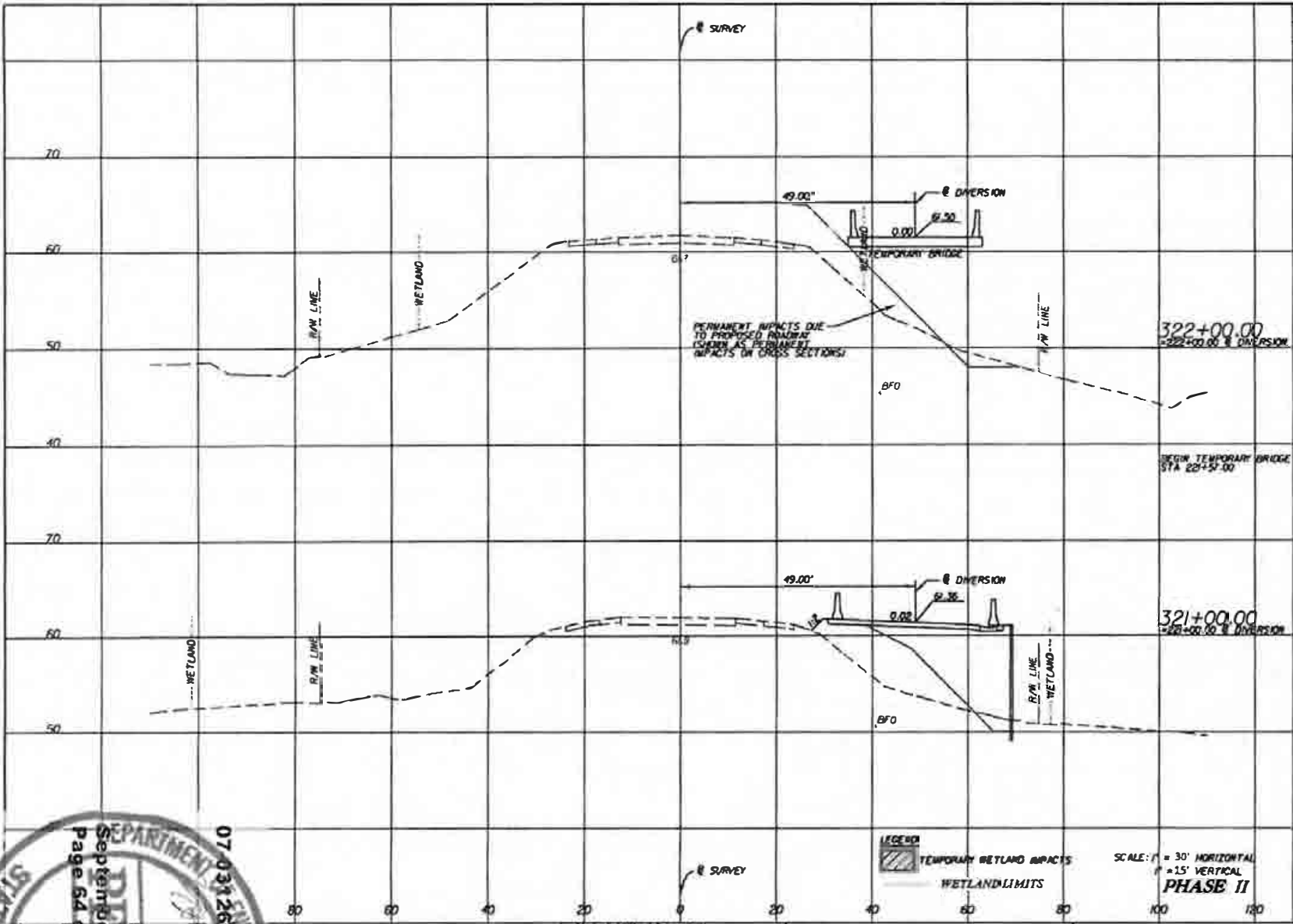
DATE: 07/11/11  
 DRAWN BY: JMT  
 CHECKED BY: JMT  
 PROJECT NO. 69  
 SHEET NO. 15



NOTED: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SHOWN AND SEALED UNDER FILE NO. 03-23,000, P.4.C.

**EXHIBIT 3**

Regular Exc.		Embankment	
A	V	A	V



LEGEND  
 [Hatched Box] TEMPORARY WETLAND IMPACTS  
 [Dashed Line] WETLAND LIMITS  
 SCALE: 1" = 30' HORIZONTAL  
 1" = 15' VERTICAL  
**PHASE II**



STATION	DATE	DESCRIPTION

MATTHEW S. STEER, P.E., INC. ENGINEER  
**JMT**  
 JOHNSON, MURPHY & THOMPSON  
 65 PRESIDENT STREET NE COURT, SUITE 005  
 LANE, GAINESVILLE, FL 32609 PHONE 352-833-3000  
 CERTIFICATE OF AUTHORIZATION No. 5207

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
69	CALHOUN	423234-1-52-01

**TEMPORARY TRAFFIC CONTROL PLAN EXHIBIT 16**

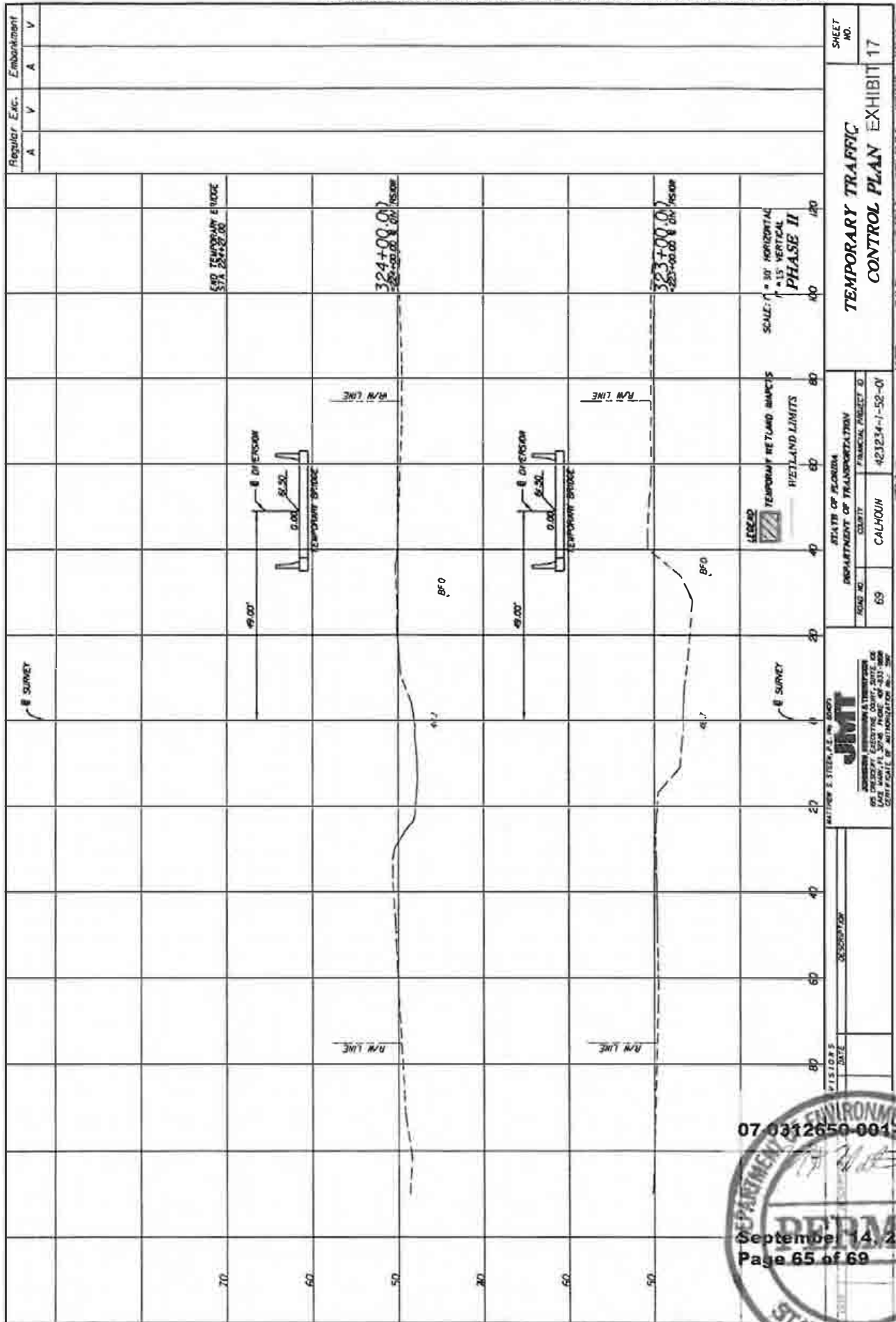
SHEET NO. 16

1/18/12 Brian 1/20/13 PH 0:\NF\DOT Projects\000003\_51\_08\_Strauss\02\13\mtd\0\mtd\10\000600.v



EXHIBIT 3

APPROXIMATE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SPEED AND SKEWED WORKER FILE 995-21003.F.A.C.



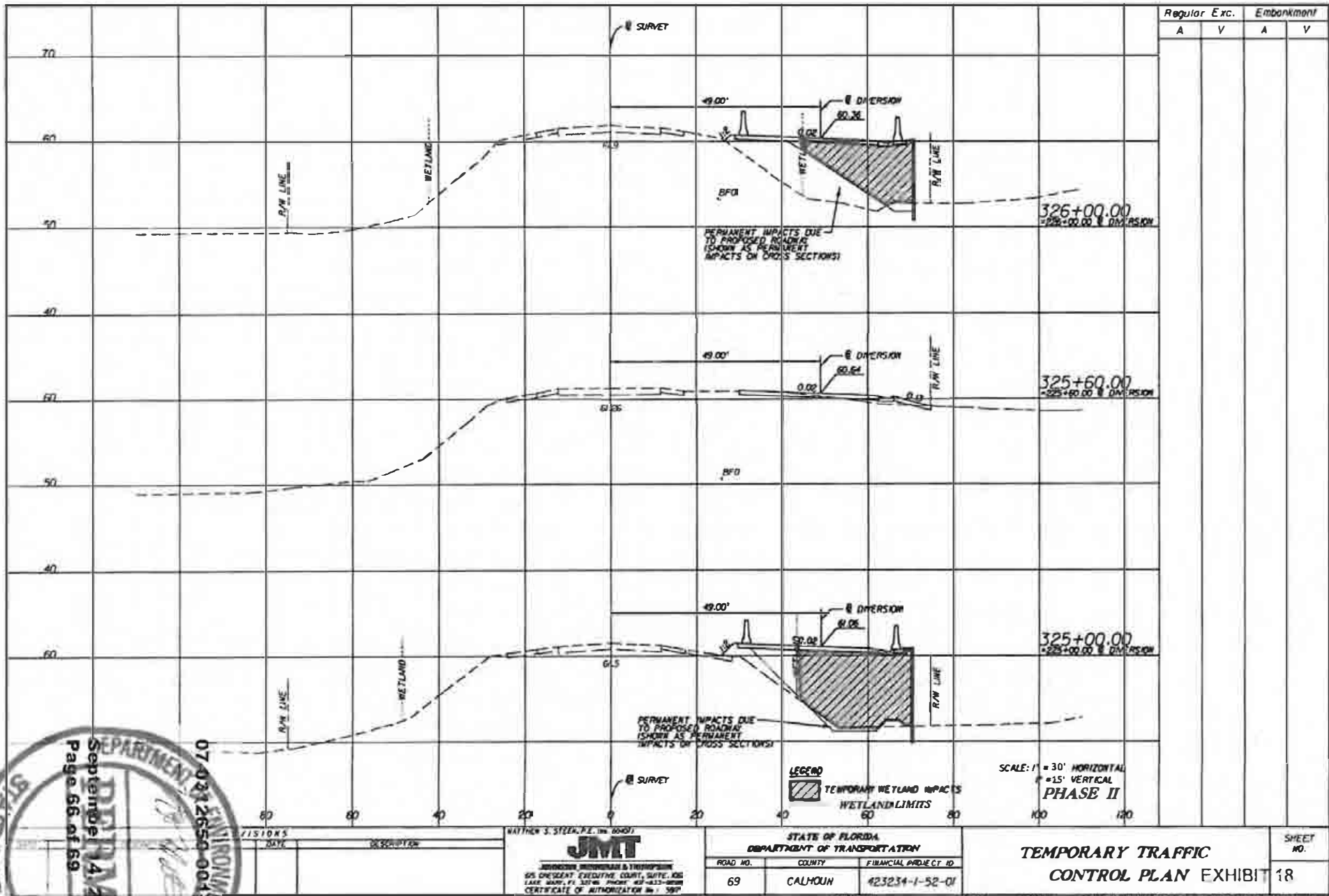
Regular Exc. Embankment  
 A V A V  
 A V

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. COUNTY PROJECT ID  
 69 CALHOUN 421234-1-52-01

DATE DESCRIPTION  
 VISITOR'S DATE

07-0312650-004-EL  
 September 14, 2012  
 Page 65 of 69





MATTHEW J. STEEN, P.E. (No. 30401)  
**JMT**  
 JOHNSON, MITCHELL & THOMPSON  
 505 CHESTNUT EXECUTIVE COURT, SUITE 100  
 LAKE WORTH, FL 33746 PHONE: 813-412-3000  
 CERTIFICATE OF AUTHORIZATION No. 1590

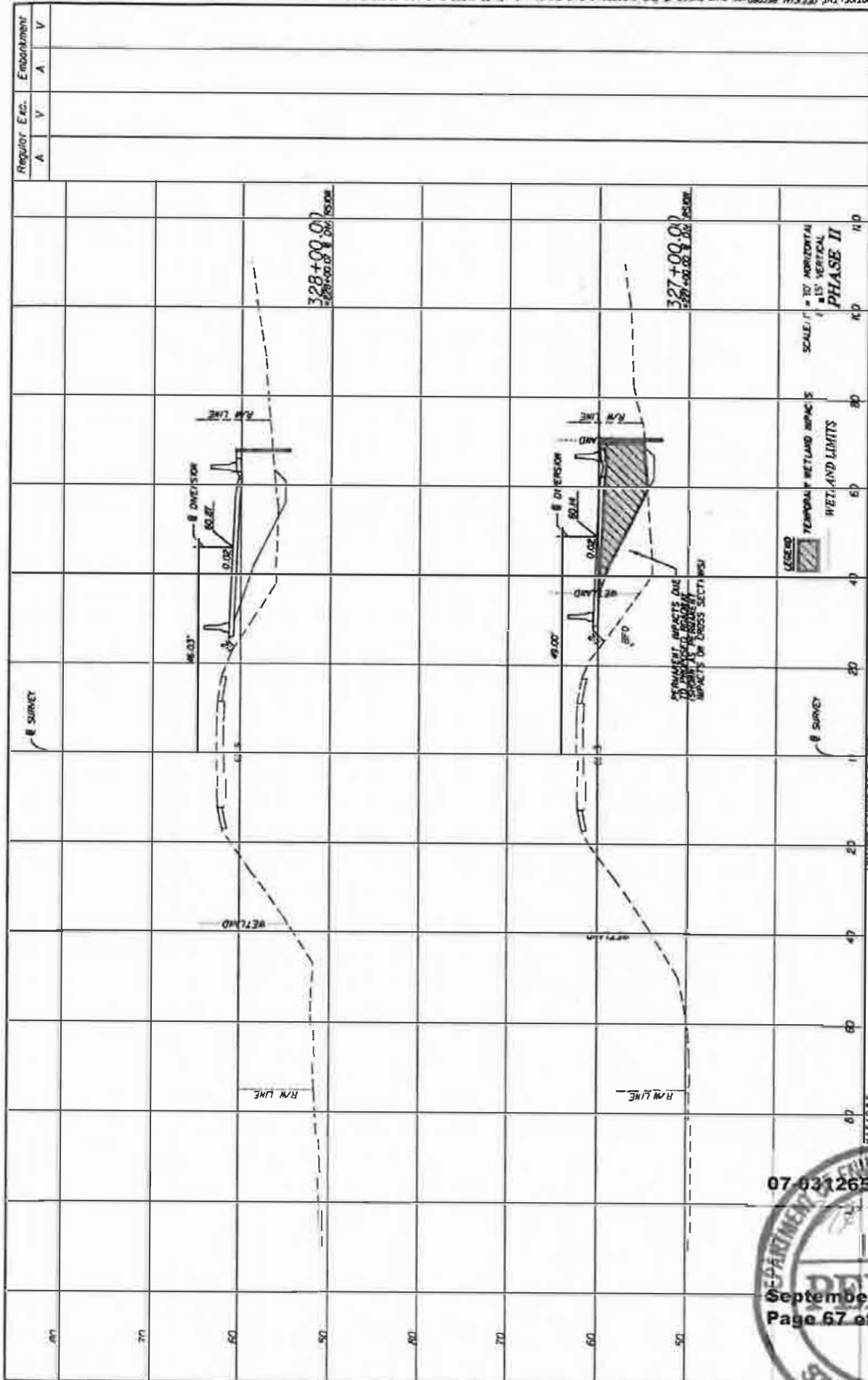
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. 69 COUNTY CALHOUN FINANCIAL PROJECT ID 423234-1-52-01

**TEMPORARY TRAFFIC CONTROL PLAN EXHIBIT 18**

SHEET NO. 18

EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE STORED AND STORED UNDER RULE 605-23.003, F.A.C.

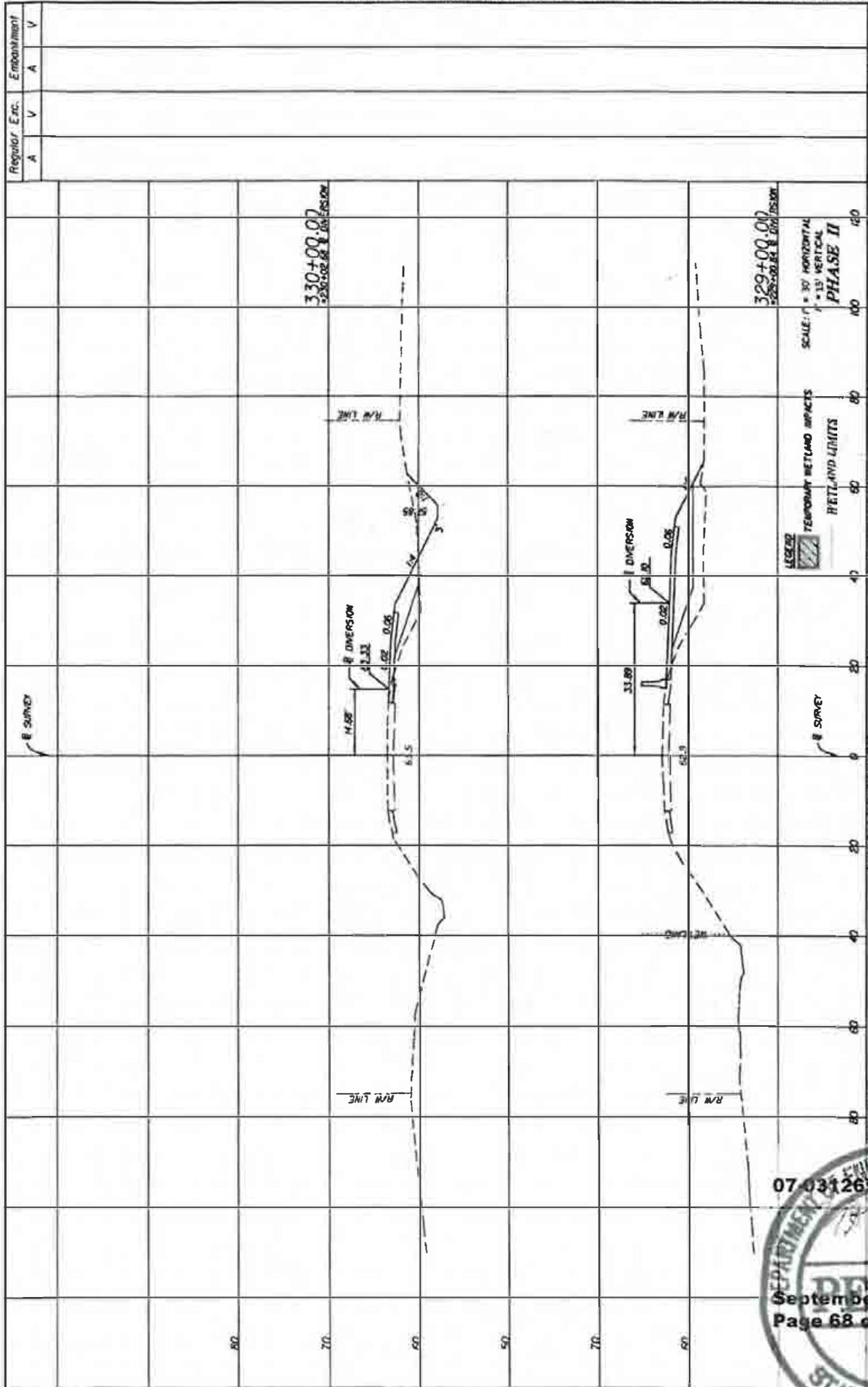


Regular Exc.		Embankment		SHEET NO	
A	V	A	V	19	
				<b>TEMPORARY TRAFFIC CONTROL PLAN EXHIBIT 19</b>	
STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		ROAD NO. 421234-1-52-01	
COUNTY CALHOUN		PROJECT NO. 69		DATE 12/15/11	
 JAMES M. THOMPSON REGISTERED PROFESSIONAL ENGINEER NO. 12345 STATE OF FLORIDA		DESCRIPTION		DATE	



EXHIBIT 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 695-21.003, F.A.C.

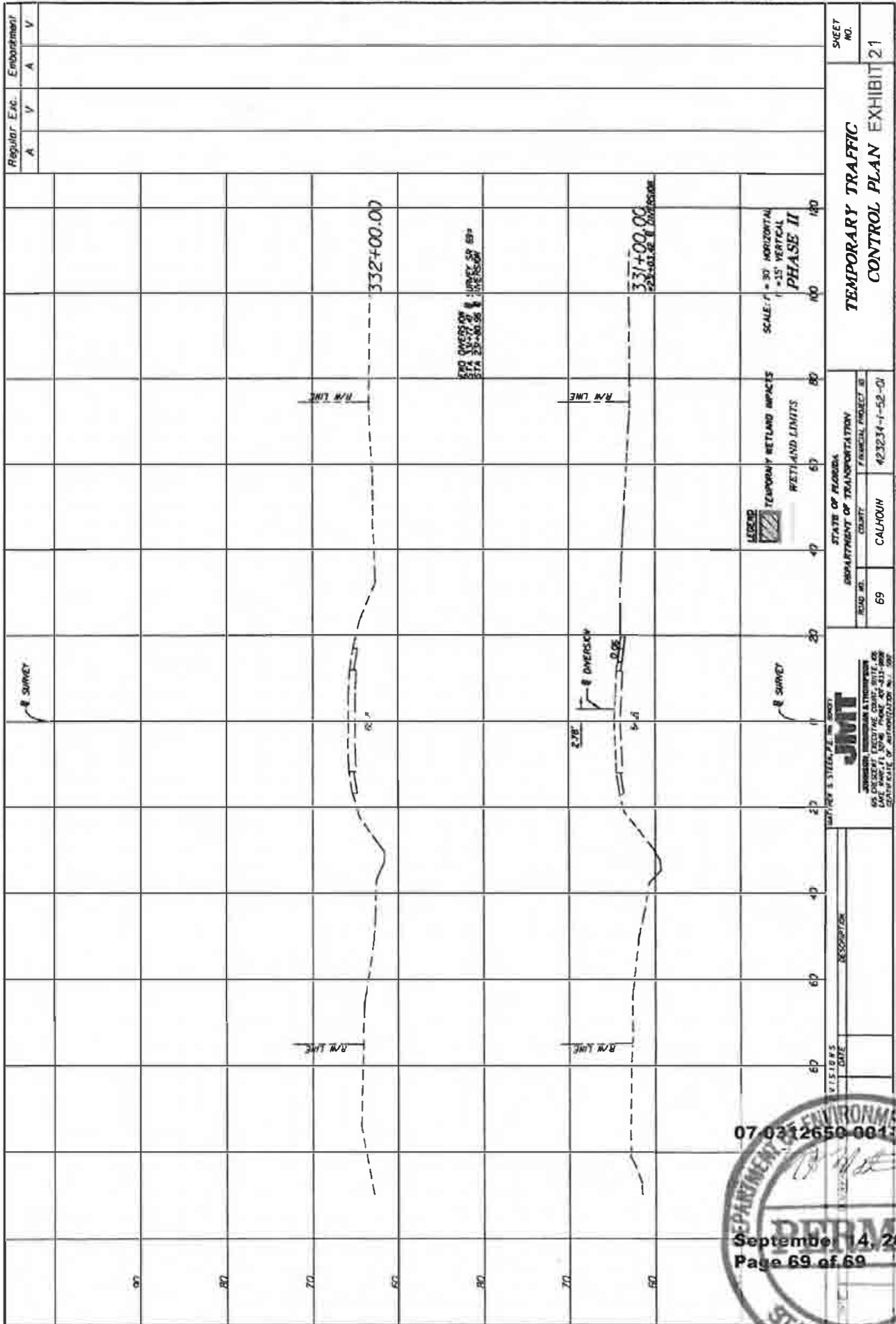


Register, Etc.	Embankment	SHEET NO.
A	V	20
A	V	EXHIBIT 20
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PROJECT NO.
ROAD NO.	CALHOON	423234-1-5E-01
ROAD NO.	69	
		DATE
JAMES M. THOMPSON & ASSOCIATES, P.A. 6500 WEST UNIVERSITY AVENUE, SUITE 200 GAITHERSBURG, MD 20878		DESCRIPTION
MATTHEW A. STEEN, P.E., INC. 6500 WEST UNIVERSITY AVENUE, SUITE 200 GAITHERSBURG, MD 20878		



EXHIBIT 3

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TEMPORARY TRAFFIC CONTROL PLAN EXHIBIT 21

SHEET NO.

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO. 69  
COUNTY CALHOUN

PROJECT NO. 423234-1-52-01

JMT  
JAMES M. THOMPSON  
REGISTERED PROFESSIONAL ENGINEER  
NO. 12587  
STATE OF FLORIDA

