

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

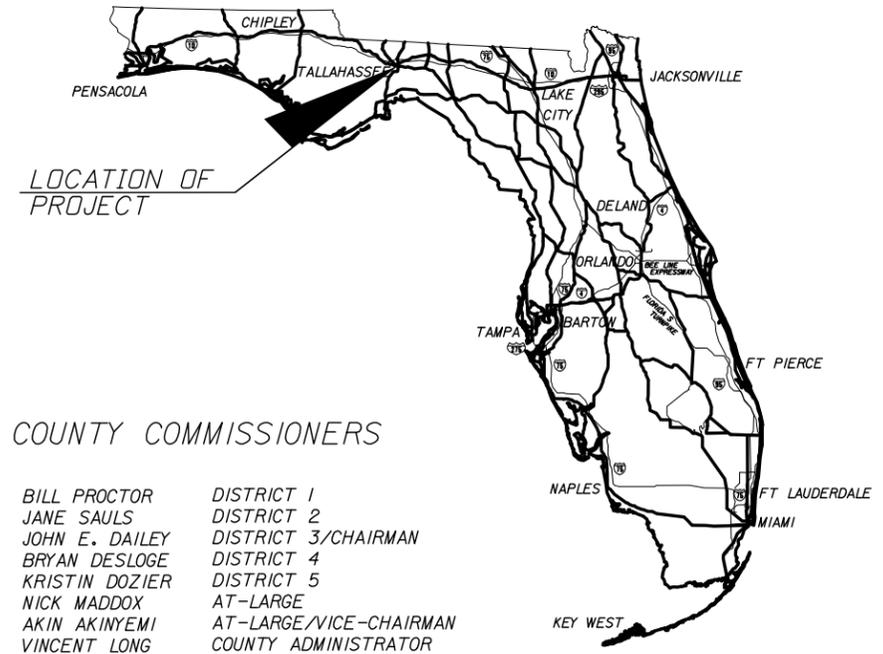
INDEX OF DRAINAGE PLANS

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LEON COUNTY
DEPARTMENT OF PUBLIC WORKS

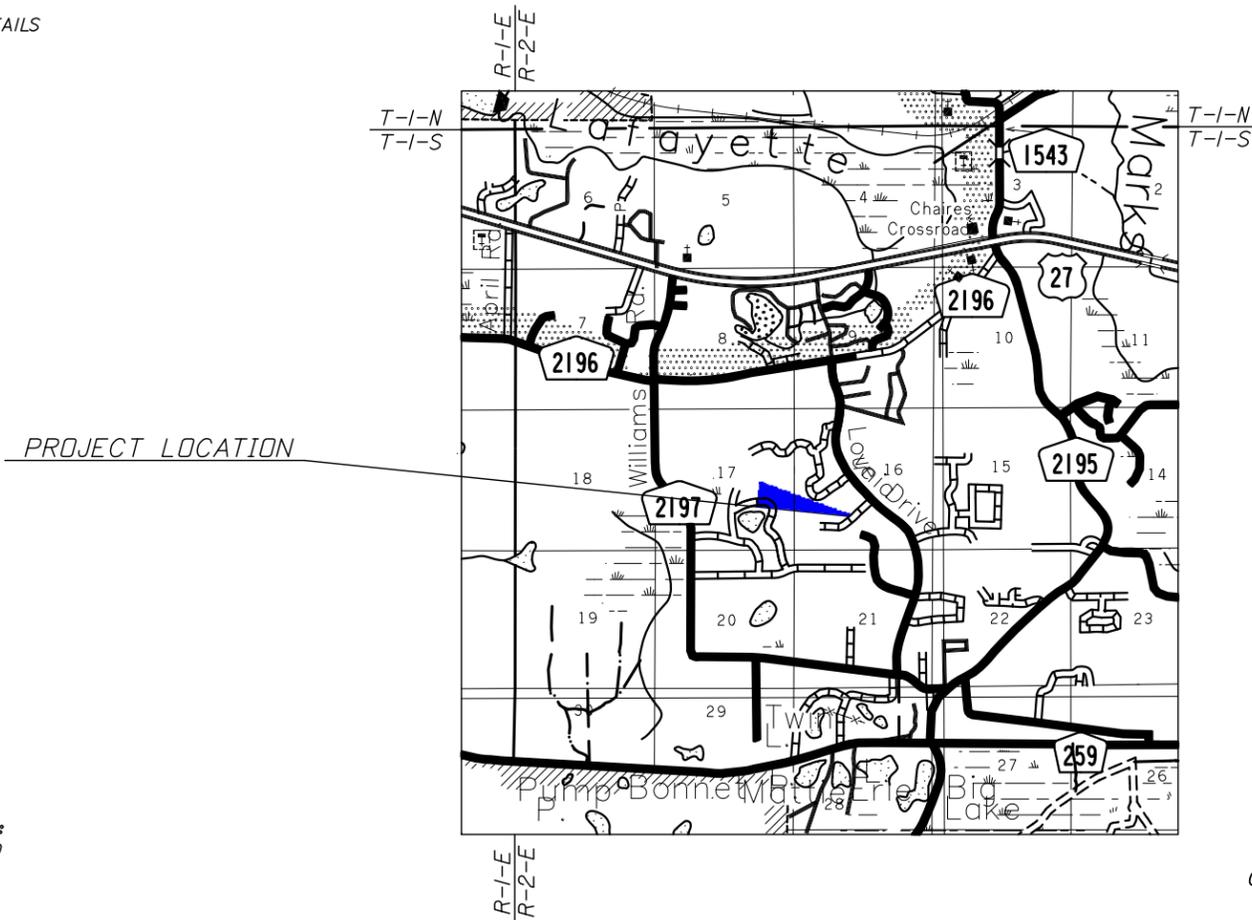
CONTRACT PLANS

BRUSHY CREEK ROAD
CULVERT REPLACEMENT PROJECT



COUNTY COMMISSIONERS

- | | |
|----------------|--------------------------|
| BILL PROCTOR | DISTRICT 1 |
| JANE SAULS | DISTRICT 2 |
| JOHN E. DAILEY | DISTRICT 3/CHAIRMAN |
| BRYAN DESLOGE | DISTRICT 4 |
| KRISTIN DOZIER | DISTRICT 5 |
| NICK MADDOX | AT-LARGE |
| AKIN AKINYEMI | AT-LARGE/VICE-CHAIRMAN |
| VINCENT LONG | COUNTY ADMINISTRATOR |
| TONY PARK | DIRECTOR OF PUBLIC WORKS |



GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01/01/11
For Design Standards modifications go to the following Web site:
<http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.htm>

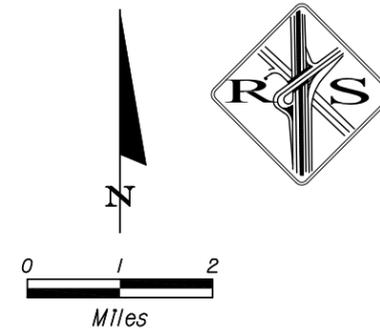
BID SET: FEBRUARY 16, 2012

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
 LEON COUNTY DEPARTMENT OF PUBLIC WORKS
2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308
PHONE (850) 606-1500 * FAX (850) 606-1501

PLANS PREPARED BY:

REGISTE, SLIGER ENGINEERING, INC.
CIVIL AND STRUCTURAL ENGINEERING CONSULTANT
CERT. OF AUTHORIZATION # 9292
1427 N. Bronough Street- Tallahassee, FL 32303
PHONE: (850) 894-4521 - FAX: (850) 224-0505

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



KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ENGINEER OF RECORD: JOHN F. SLIGER II, P.E.

P.E. NO.: 55550

FISCAL YEAR	SHEET NO.
13	G1

ITEM NUMBER	SUMMARY OF CULVERT REPLACEMENTS PAY ITEMS	SECONDARY UNIT	SECONDARY QUANTITY	PRIMARY UNIT	PRIMARY QUANTITY	QUANTITY TOTAL
0101 1	MOBILIZATION			LS	1	1
0102 1	MAINTENANCE OF TRAFFIC	DA	66	LS	1	1
0102 60	WORK ZONE SIGN			ED	792	792
0102 74 1	BARRICADE, TEMPORARY, TYPES I, II, DI, VP & DRUM			ED	924	924
0102 74 2	BARRICADE, TEMPORARY, TYPE III, 6'			ED	264	264
0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B			ED	1,980	1,980
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY			ED	66	66
0104 10 3	SEDIMENT BARRIER			LF	516	516
0104 11	FLOATING TURBIDITY BARRIER			LF	100	100
0110 1 1	CLEARING & GRUBBING	AC	0.34	LS	1	1
0120 1	REGULAR EXCAVATION			CY	196	196
0120 6	EMBANKMENT			CY	103	103
0160 4	TYPE B STABILIZATION			SY	634	634
0285709	OPTIONAL BASE, BASE GROUP 09, ASPHALT BASE 6"			SY	312	312
0334 1 22	SUPERPAVE ASPH CONC, TRAF B, PG76-22			TN	33.0	33.0
0400 0 11	CONCRETE CLASS NS, GRAVITY WALL			CY	19.5	19.5
0400 1 2	CONCRETE CLASS I, ENDWALLS			CY	11.5	11.5
0430175136	PIPE CULVERT, OPT MATERIAL, ROUND, 36" S/CD			LF	84	84
0524 1 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"			SY	18	18
0524 1 49	CONCRETE DITCH PAVEMENT, 6", REINFORCED			SY	10	10
0530 1	RIPRAP, SAND-CEMENT			CY	5.5	5.5
0570 1 2	PERFORMANCE TURF, SOD			SY	945	945
1000 6	UTILITY WORK - WATERLINE RELOCATE			LS	1	1
Pay Item Notes:						
0104 10 3	All tree protection barricades shall be paid for under sediment barrier pay item.					
0110 1 1	All tree removal, including grinding stumps, shall be included in unit price for clearing and grubbing.					
0120 1	Include all associated costs of dewatering and filtering into the regular excavation cost.					
0400 0 11	Gravity wall quantity estimate based on 4' wall height with a 2' toe depth, per Scheme 2 for FDOT index 520.					
430 175 136	Includes removal of the existing 36" metal pipes and headwalls.					
0524 1 49	Channel excavation included in unit cost of spill pad.					
0524 1 49	Cost of CMU block and steel reinforcing for splash pad included in unit cost of concrete ditch pavement 6" reinforced.					
0530 1	Cost of backfill, geosynthetic, and anchoring rebar for sand/cement bag wall included.					
1000 6	Includes all costs associated with waterline relocation.					

REVISIONS			INITIAL	ENGINEER OF RECORD:	 REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1114	 LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 606-1501	SUMMARY OF PAY ITEMS PROJECT NAME: BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT	SHEET NO.	
DATE	BY	DESCRIPTION	DRAWN BY	B.A.W.				JOHN F. SLIGER II, P.E. P.E. #55550	1
			CHECKED BY	C.M.C.					
			DESIGN BY	S.S.K.					
			CHECKED BY	J.F.S.					
			DATE	10/2011					

GENERAL NOTES

=====

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
2. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. UTILITIES SHALL REMAIN UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA ((1-800-432-4770) AND UTILITY OWNERS LISTED BELOW IN TWO BUSINESS DAYS (OR 10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

UTILITY OWNERS:

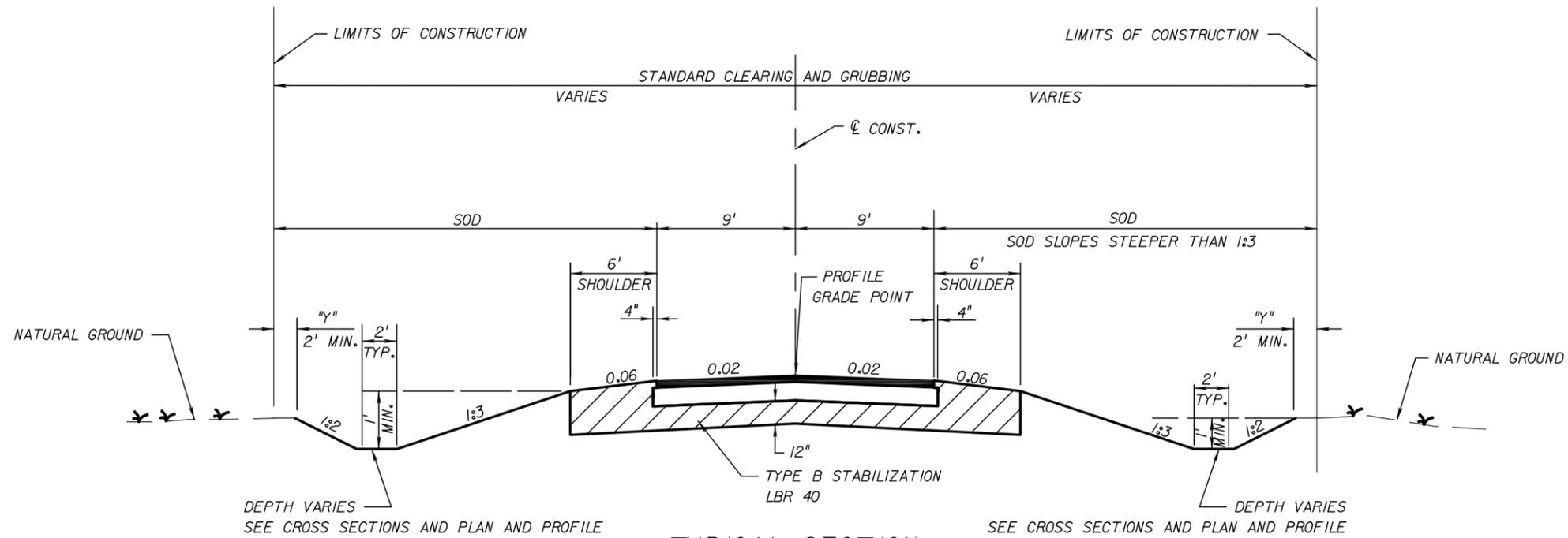
COMPANY	CONTACT	TELEPHONE NUMBERS
OUTSOURCE, INC.	MR. JEFFREY WILLIAMS	(850) 878-8595
TALQUIN ELECTRIC	MR. KEVIN WHYTE	(850) 875-5675
TALQUIN WATER	MR. KEVIN GOFF	(850) 875-5675
COMCAST	MR. MIKE SHATTLES	(850) 251-7884

4. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
5. 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 ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. 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 SHALL BE IMMEDIATELY REPORTED TO THE COUNTY, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE COUNTY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY.
6. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE SHALL BE REJECTED FOR USE ON THE PROJECT.
7. ALL STAGING AREAS SHALL BE APPROVED BY LEON COUNTY PUBLIC WORKS & DEVELOPMENT SERVICES PRIOR TO CONSTRUCTION. DURING ALL NON-WORK HOURS, NO EQUIPMENT, VEHICLES OR MATERIALS SHALL BE STORED WITHIN THE ROADWAY. ALL STORAGE AND/OR STAGING AREAS USED SHALL BE APPROVED BY LEON COUNTY. THE CONTRACTOR IS RESPONSIBLE TO SECURE A TEMPORARY CONSTRUCTION STAGING AREA PERMIT FROM LEON COUNTY DEVELOPMENT SUPPORT AND ENVIRONMENTAL MANAGEMENT DEPARTMENT WHEN THE STAGING AREA IS OUTSIDE THE COUNTY'S RIGHT OF WAY OR EASEMENT.
8. ALL SOD SHALL BE OVER SEEDDED AT THE DIRECTION OF THE COUNTY. THE COST OF OVER SEEDING SHALL BE INCLUDED IN THE COST OF THE SOD.
9. THE CONTRACTOR SHALL FURNISH THE COUNTY, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE.
10. ALL EROSION CONTROL ITEMS SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
11. THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AS NOTED ON THE PLAN SHEETS. ANY OFF-SITE STORAGE AREA WILL REQUIRE PRIOR REVIEW BY COUNTY STAFF.
12. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE COUNTY TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
13. ALL LANES ON BRUSHY CREEK ROAD MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE COUNTY.

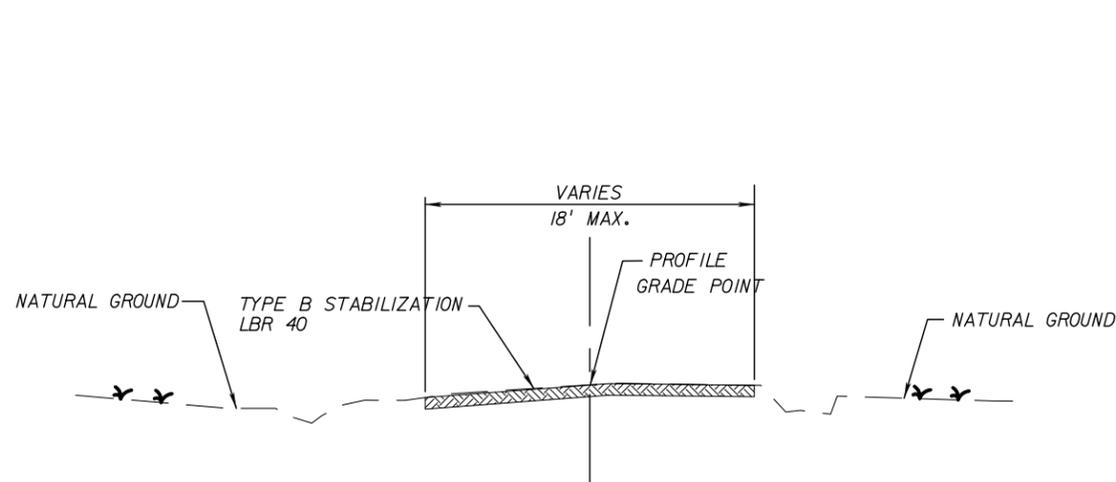
14. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION AND BUSINESS SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
15. SURVEY WAS PROVIDED BY LEON COUNTY DEPARTMENT OF PUBLIC WORKS. BEARINGS ARE GRID, BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83), FLORIDA NORTH STATE PLANE COORDINATE SYSTEM. ELEVATIONS ARE BASE UPON NORTH AMERICAN VERTICAL DATUM 1929. BENCHMARK #10 IS A R.R. SPIKE IN A 24" OAK 65 FT. RT. OF STA. 100+16 ON LOUVINIA DRIVE. (SEE CSB 156-82 PG. 46). ELEVATION= 78.06 FT.
16. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.
17. CONTRACTOR SHALL NOT STAGE MATERIAL OR EQUIPMENT WITHIN THE WETLAND AREA.
18. ALL MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 600, 602 AND 603.
19. STRUCTURE LOCATIONS ARE CALLED OUT FROM THE CENTER OF THE STRUCTURE.
20. LANE CLOSURES SHALL NOT BE ALLOWED BETWEEN THE HOURS OF 7:00 AM AND 9:00 AM OR BETWEEN 4:00 PM AND 6:00 PM. UNLESS APPROVED BY LEON COUNTY DEPARTMENT OF PUBLIC WORKS.
21. COORDINATE WITH LEON COUNTY FOR PORTABLE CHANGEABLE MESSAGE REQUIREMENTS.
22. ANY DISTURBED AREAS SHALL BE RECOMPACTED TO 95% OF MODIFIED PROCTOR AS DIRECTED BY THE COUNTY AND COVERED WITH SOD.
23. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH ALL LEON COUNTY RULES AND REGULATIONS, THE PROJECT PLANS, AND AND THE CURRENT ADDITION OF THE FDOT DESIGN STANDARDS. ALL TRAFFIC CONTROL MEASURES SHALL BE COORDINATED WITH AND APPROVED BY LEON COUNTY PUBLIC WORKS DEPARTMENT.
24. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL PROPERTIES.
25. ALL EXISTING FENCING THAT WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND REPLACED IN KIND AT CONTRACTOR'S EXPENSE.
26. TWO OBJECT MARKERS SHALL BE ADDED TO EACH DRAINAGE STRUCTURE WITHIN THE RIGHT-OF-WAY.
27. ALL CONCRETE PIPE SHALL BE CLASS II OR HIGHER.
28. CONTRACTOR PROVIDED DEWATERING DESIGN REQUIREMENTS, SCHEDULE AND MAINTENANCE
 - A. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING NECESSARY TO KEEP THE CONSTRUCTION AND WORK AREAS DRY. THE CONTRACTOR SHALL DESIGN, INSTALL, OPERATE, AND MAINTAIN AN ADEQUATE SYSTEM. THE SYSTEM SHALL BE OF SUFFICIENT SIZE AND CAPACITY TO MAINTAIN A DRY CONDITION WITHOUT DELAYS TO CONSTRUCTION OPERATIONS.
 - B. THE CONTRACTOR SHALL SUBMIT A PROPOSED DEWATERING PLAN FOR APPROVAL BY LEON COUNTY PUBLIC WORKS PRIOR TO THE PRE-CONSTRUCTION MEETING OF ANY CONSTRUCTION OR EXCAVATION OPERATIONS. THE PLAN SHALL SHOW ALL PROPOSED BEST MANAGEMENT PRACTICES (I.E. FILTER BAGS, SEDIMENT SUMPS, ETC.) FOR COMPLYING WITH ALL LOCAL, STATE, AND NATIONAL WATER QUALITY REGULATIONS. DISCHARGE POINTS SHALL BE CLEARLY INDICATED.
 - C. THE CONTRACTOR SHALL MONITOR AND PROVIDE TESTING AT THE DISCHARGE POINTS DURING DEWATERING OPERATIONS. CONTRACTOR SHALL ENSURE THE DISCHARGE TURBIDITY IS WITHIN THE LIMITS SET FORTH IN CHAPTER 62-302 F.A.C. (LESS THAN 29 NTU + NATURAL BACKGROUND). TESTING RECORDS SHALL BE MAINTAINED ONSITE BY THE CONTRACTOR AND PROVIDED TO THE COUNTY UPON REQUEST. IF DEWATERING OPERATIONS EXCEED THE TURBIDITY REQUIREMENTS, THE CONTRACTOR SHALL STOP WORK UNTIL THE BEST MANAGEMENT PRACTICES ARE IN PLACE TO ENSURE WATER QUALITY CRITERIA IS REACHED.
 - D. THE CONTRACTOR SHALL MAINTAIN A REGULARLY SCHEDULED MAINTENANCE PROGRAM WHICH SHALL CONFORM TO THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND INCLUDE ALL OTHER WORK NECESSARY TO MAINTAIN ALL COMPONENTS FULLY OPERATIONAL.
 - E. ALL COSTS ASSOCIATED WITH DEWATERING, INCLUDING TESTING, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR PIPE.
29. UTILITY SERVICES TO ALL RESIDENCES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
30. ANY PROPOSED CHANGES TO THE CONTRACT DOCUMENTS BY THE CONTRACTOR SHALL BE SUBMITTED TO THE COUNTY PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL. PROPOSED CHANGES SHALL BE SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER.

REVISIONS			INITIAL		ENGINEER OF RECORD:		 <p>REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505</p>	 <p>LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 606-1501</p>	GENERAL NOTES		SHEET NO.
DATE	BY	DESCRIPTION	DRAWN BY	B.A.W.					PROJECT NAME: BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT		2
			CHECKED BY	C.M.C.					PROJECT NUMBER: 1114		
			DESIGN BY	S.S.K.							
			CHECKED BY	J.F.S.							
			DATE	10/2011	JOHN F. SLIGER II, P.E. P.E. #55550						

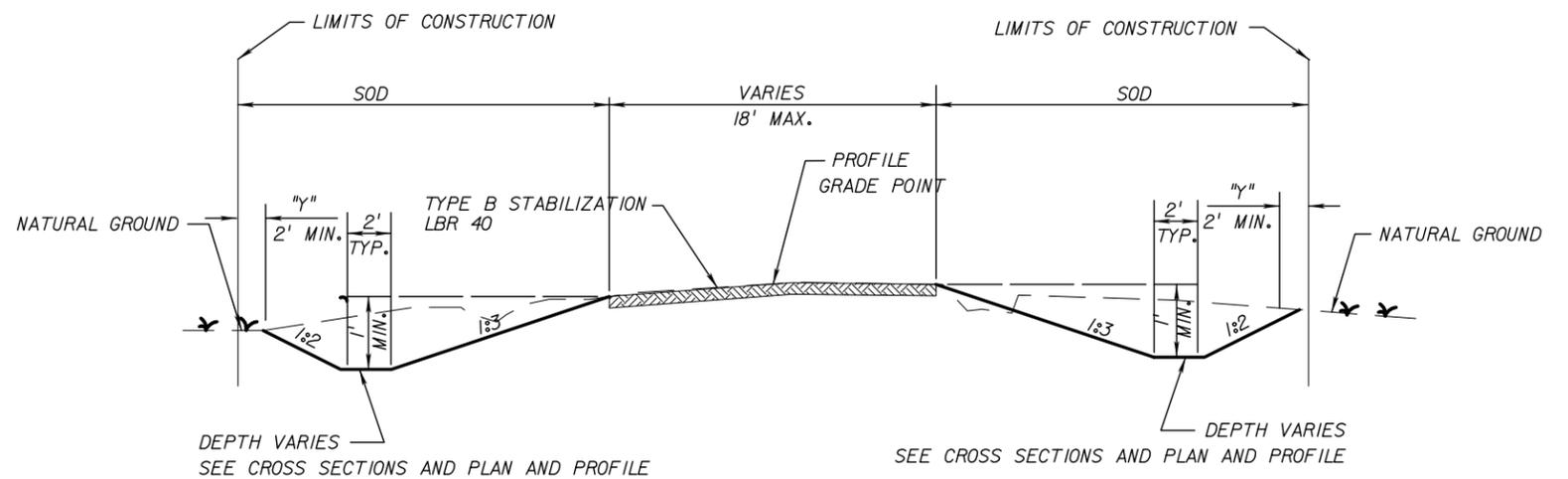


TYPICAL SECTION
BRUSHY CREEK ROAD
STA. 17+50.00 TO STA. 19+00.00
PAVEMENT DESIGN

6" TYPE B-12.5 ASPHALT BASE (OPTIONAL BASE GROUP 9)
CONSTRUCT TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) 2"



TYPICAL SECTION
BRUSHY CREEK ROAD
STA. 17+20.00 TO STA. 17+50.00



TYPICAL SECTION
BRUSHY CREEK ROAD
STA. 19+00.00 TO 19+20.00

REVISIONS		INITIAL	ENGINEER OF RECORD:	 REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1114	 LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 606-1501	TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DRAWN BY			CHECKED BY	PROJECT NAME:
			B.A.W.	C.M.C.	BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT	3	
			S.S.K.	J.F.S.			
			10/2011				

SUMMARY OF SODDING									
LOCATION		SIDE	P			F			NOTES
STA.	TO STA.		L	W	SY*	L	W	SY	
*INCLUDES +6% SLOPE CORRECTION									
17+20.00	TO 17+60.00	LT	40.0	11.0	51.9				
17+20.00	TO 17+60.00	RT	40.0	11.0	51.9				LAPPED, PINNED AND JOINT STAGGERED
17+60.00	TO 17+80.00	LT	20.0	6.0	14.2				
17+60.00	TO 17+80.00	RT	20.0	6.0	14.2				LAPPED, PINNED AND JOINT STAGGERED
17+80.00	TO 19+27.00	LT	147.0	18.5	320.3				
17+80.00	TO 19+27.00	RT	147.0	17.5	303.0				
SUB-TOTAL					755.5				
+25%					188.9				LAP AND PIN INCREASE
TOTAL					945				

SUMMARY OF SAND/CEMENT BAGS									
LOCATION		SIDE	P			F			FIELD BOOK REFERENCE
STA.	TO STA.		L	W	CY	L	W	SF	
17+61.75	TO 17+77.43	RT			5.5				
TOTAL					5.5				

PLACEMENT OF FLOATING TURBIDITY BARRIER			
STATION	OFFSET	LENGTH (FT)	REMARKS
17+82.02 TO 17+90.00	77.27' to 35.49 RT	45	
17+56.62 TO 18+12.78	24.59' to 30.49 LT	55	
TOTAL		100	

L - INDICATES LEFT OF C CONSTRUCTION
R - INDICATES RIGHT OF C CONSTRUCTION

SUMMARY OF EARTHWORK		
DESCRIPTION	CY	
	P	F
REGULAR EXCAVATION		
BRUSHY CREEK ROAD	196	
TOTAL EXCAVATION	196	
EMBANKMENT		
BRUSHY CREEK ROAD		103
TOTAL EMBANKMENT		103

PLACEMENT OF SEDIMENT BARRIER			
STATION	OFFSET	LENGTH (FT)	REMARKS
17+00.00 TO 17+26.39	22.84' to 28.20 RT	27	
17+26.39 TO 17+82.02	22.20' to 77.27 RT	82	
17+90.00 TO 18+69.94	35.49' to 25.03 RT	80	
18+69.94 TO 19+00.00	25.03' to 27.50 RT	30	
19+00.00 TO 19+40.00	27.50' to 18.20 RT	30	
17+00.00 TO 17+20.00	12.00' to 13.43 LT	20	
17+20.00 TO 17+56.62	13.43' to 24.59 LT	36	
18+12.78 TO 18+81.68	30.49' to 28.46 LT	71	
18+81.68 TO 18+29.00	28.46' to 16.13 LT	50	
TOTAL		426	

L - INDICATES LEFT OF C CONSTRUCTION
R - INDICATES RIGHT OF C CONSTRUCTION

PERMIT SIZE TREE TABLE						
STATION	OFFSET	DIA.	TREE SPECIES	NUMBER OF TREE DEBITS	NUMBER OF TREE CREDITS	REMARKS
17+39.47	43.46 L	18"	OAK		8	SAVE
18+05.57	54.50 L	18"	GUM		8	SAVE
18+86.35	24.17 L	55"	LIVE OAK	28		REMOVE
TOTAL DEBITS/CREDITS				28	16	
TOTAL TREE BANK DEBIT				12		

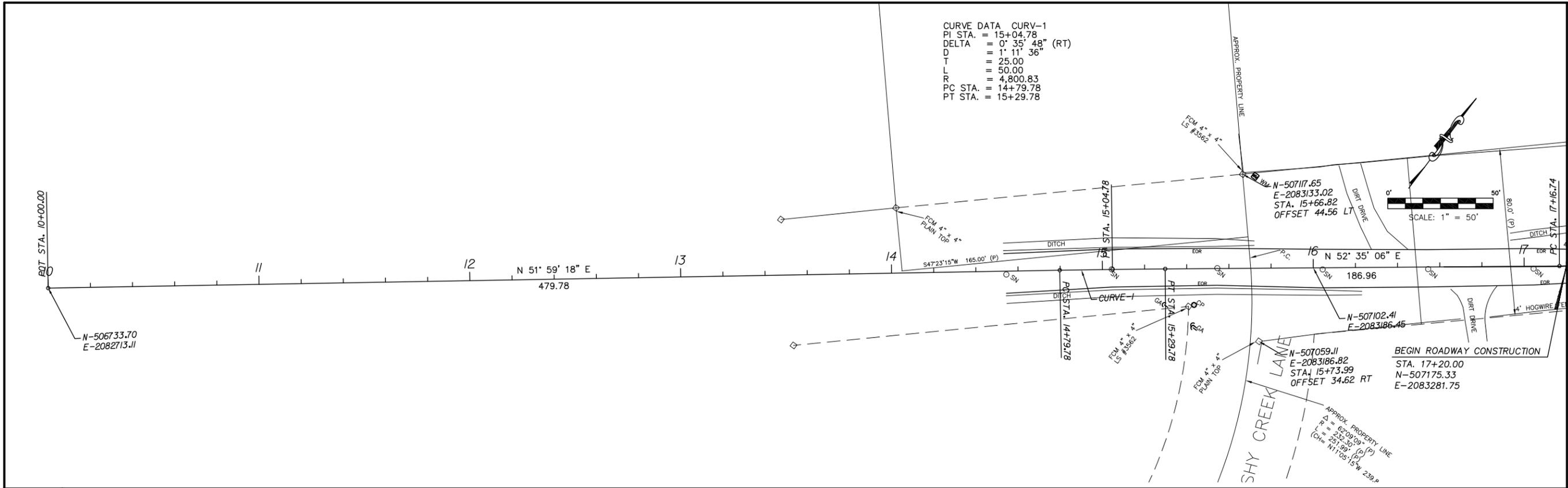
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PLACEMENT OF TREE BARRICADE			
STATION	OFFSET	LENGTH (FT)	REMARKS
17+21.82 TO 17+58.67	34.09' to 44.74' LT	50	
17+88.86 TO 18+21.31	48.51' to 45.08' RT	40	
TOTAL		90	

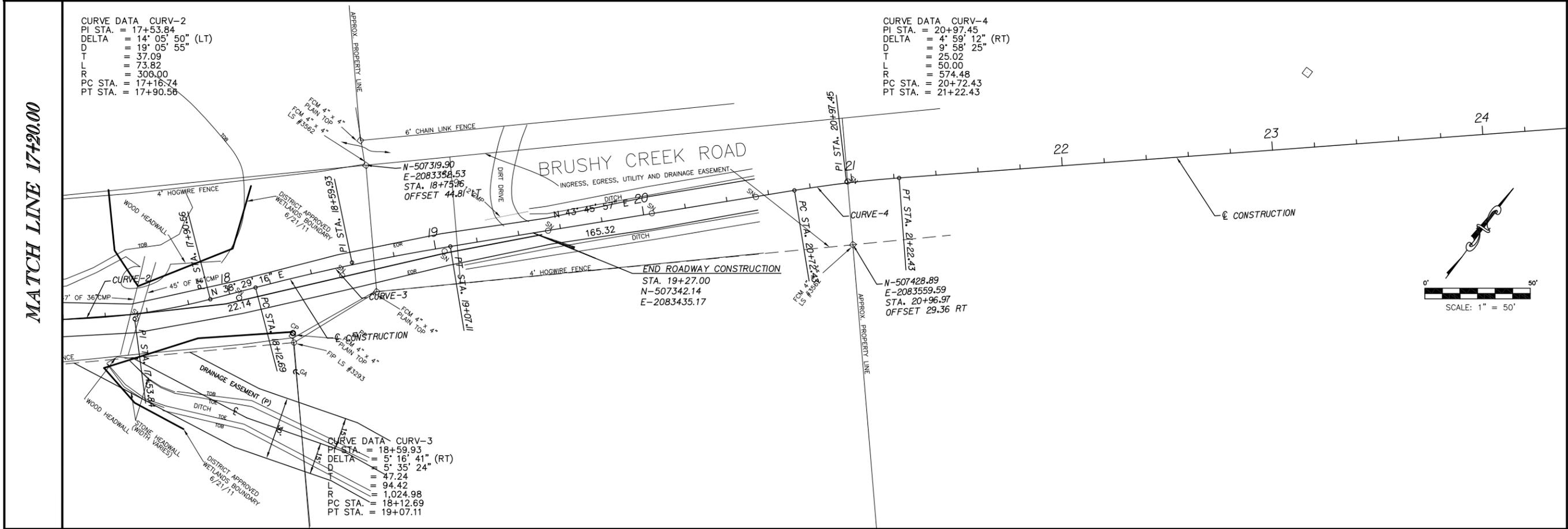
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SUMMARY OF PIPES													
LOCATION				PIPE LENGTH (LF)									
STA.	TO STA.	SIDE	BACK		AHEAD		6" P.V.C.	18" C.M.P.	24" R.C.P.	24" R.C.P.	30" R.C.P.	36" R.C.P.	REMARKS
			OFFSET	F.L.	OFFSET	F.L.							
17+67.12	TO 17+67.32	LT/RT	16.0 LT	60.50	24.0 RT	60.30						42	
17+72.49	TO 17+72.02	LT/RT	16.0 LT	60.50	24.0 RT	60.30						42	
TOTAL												84	

REVISIONS DATE BY DESCRIPTION		INITIAL DRAWN BY B.A.W. CHECKED BY C.M.C. DESIGN BY S.S.K. CHECKED BY J.F.S. DATE 10/2011		ENGINEER OF RECORD: JOHN F. SLIGER II, P.E. P.E. #55550		 REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1114		 LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 606-1501		SUMMARY OF QUANTITIES PROJECT NAME: BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT		SHEET NO. 4
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MATCH LINE 17+20.00



MATCH LINE 24+40.00

REVISIONS		
DATE	BY	DESCRIPTION

DRAWN BY	B.A.W.
CHECKED BY	C.M.C.
DESIGN BY	S.S.K.
CHECKED BY	J.F.S.
DATE	10/2011

ENGINEER OF RECORD:
 JOHN F. SLIGER II, P.E.
 P.E. #55550



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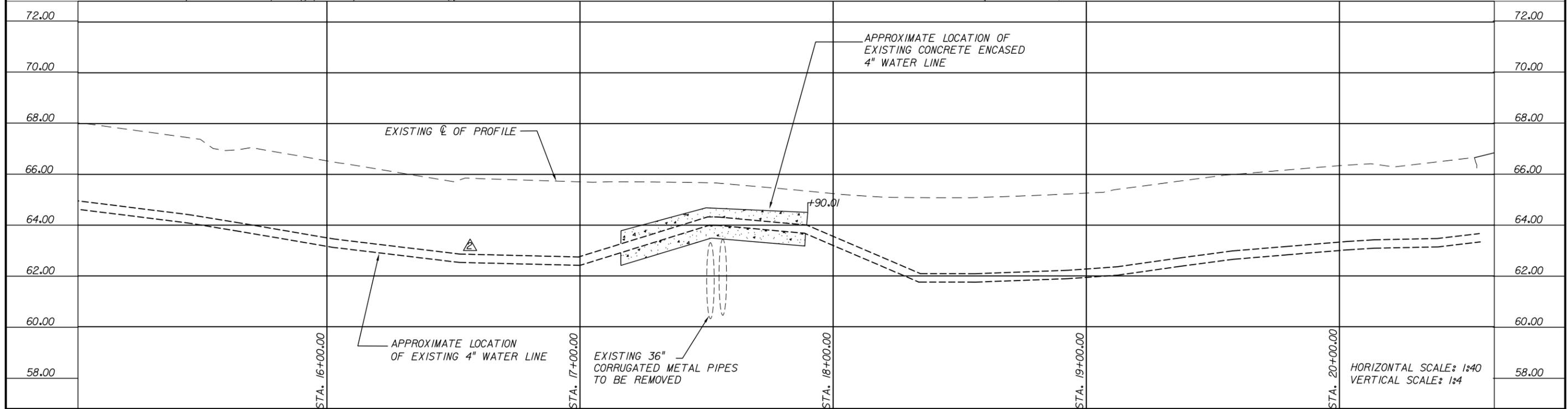
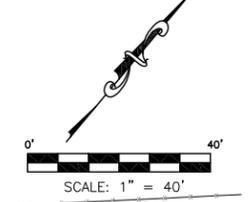
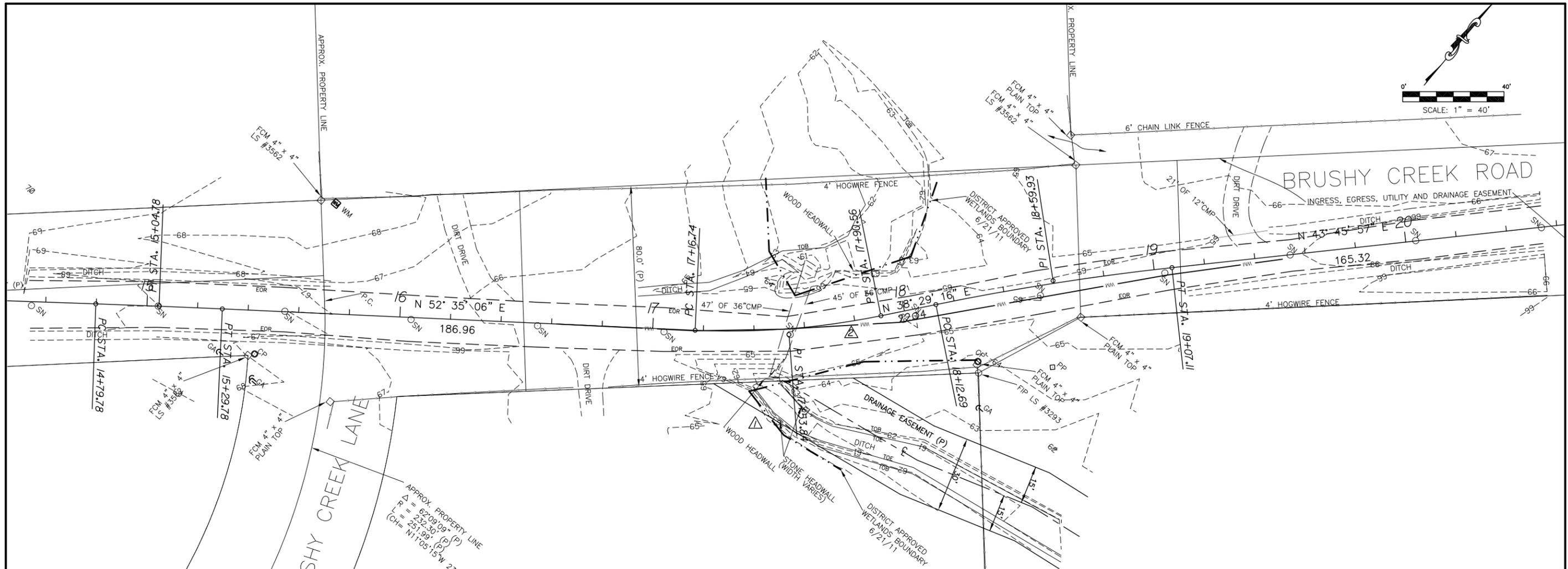


LEON COUNTY DEPARTMENT OF PUBLIC WORKS
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 PHONE (850) 606-1500 * FAX (850) 606-1501

PROJECT LAYOUT

PROJECT NAME: **BRUSHY CREEK ROAD
 CULVERT REPLACEMENT PROJECT**

SHEET NO.
5



REVISIONS		DATE	BY	DESCRIPTION
		1/19/12	B.W.	WETLANDS IMPACT ADJUSTED
		1/25/12	S.P.	WATERLINE ADDED

DATE	BY	DESCRIPTION
		DRAWN BY B.A.W.
		CHECKED BY C.M.C.
		DESIGN BY S.S.K.
		CHECKED BY J.F.S.
		DATE 10/2011

ENGINEER OF RECORD:
 JOHN F. SLIGER II, P.E.
 P.E. #55550

REGISTE, SLIGER ENGINEERING, INC.
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT
 CERT. OF AUTHORIZATION # 9292
 1427 N. Bronough Street - Tallahassee, FL 32303
 PHONE: (850) 894-4521 - FAX: (850) 224-0505
 PROJECT NUMBER: 1114

LEON COUNTY DEPARTMENT OF PUBLIC WORKS
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308
 PHONE (850) 606-1500 * FAX (850) 606-1501

EXISTING CONDITIONS

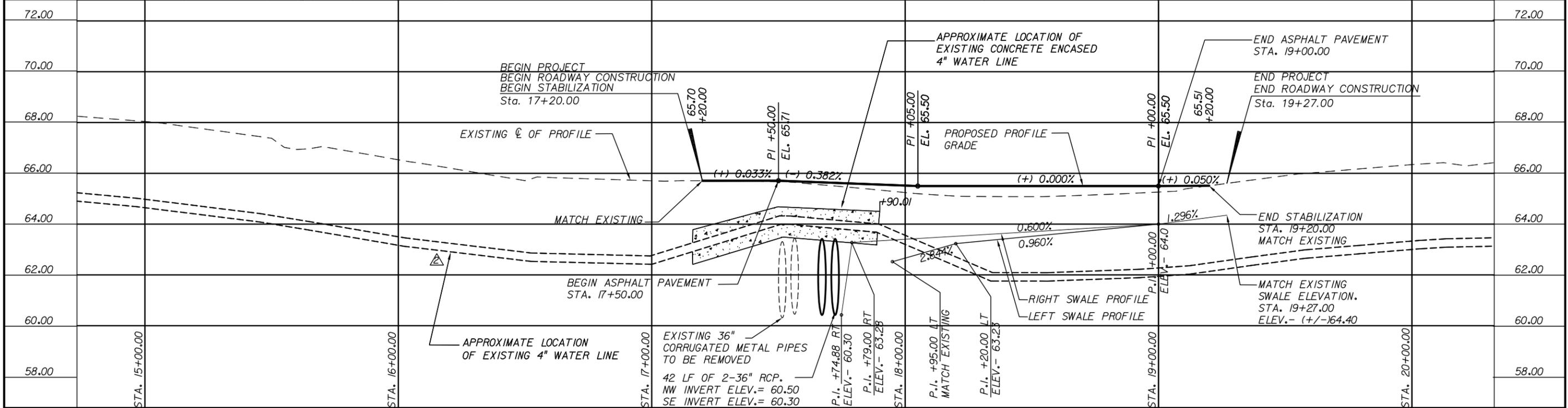
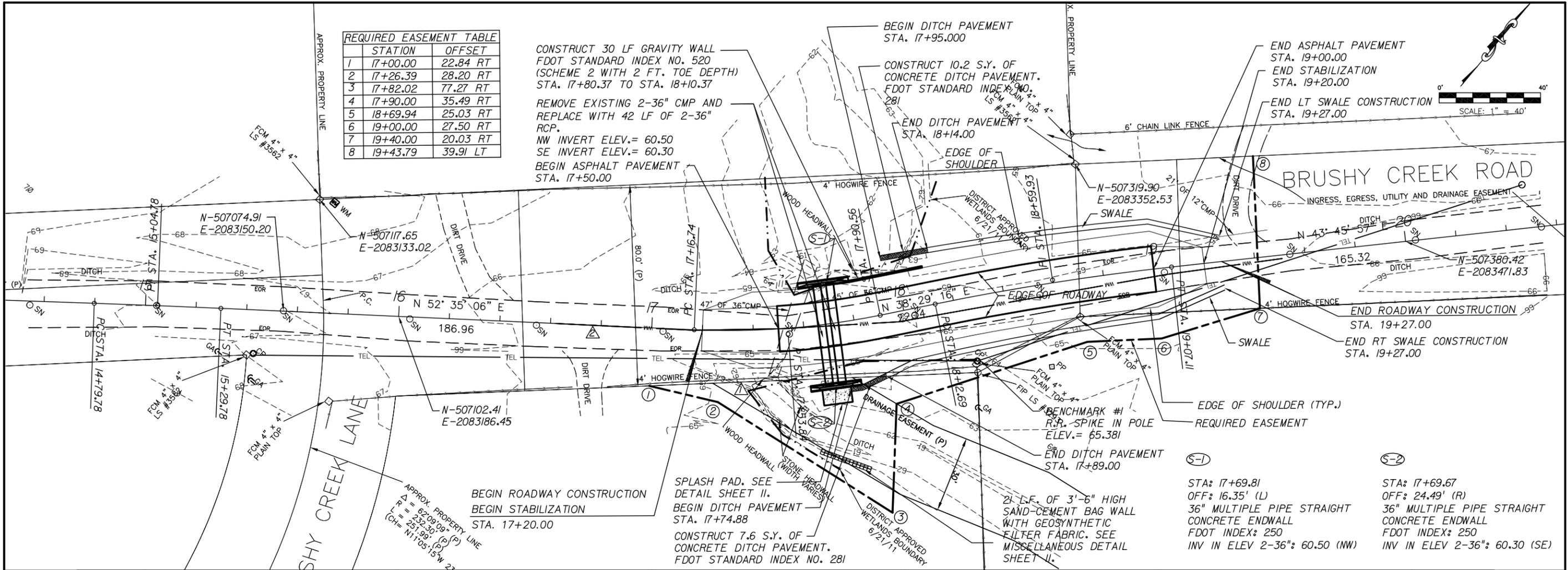
PROJECT NAME: **BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT**

SHEET NO. **6**

REQUIRED EASEMENT TABLE		
STATION	OFFSET	
1	17+00.00	22.84 RT
2	17+26.39	28.20 RT
3	17+82.02	77.27 RT
4	17+90.00	35.49 RT
5	18+69.94	25.03 RT
6	19+00.00	27.50 RT
7	19+40.00	20.03 RT
8	19+43.79	39.91 LT

CONSTRUCT 30 LF GRAVITY WALL
 FDOT STANDARD INDEX NO. 520
 (SCHEME 2 WITH 2 FT. TOE DEPTH)
 STA. 17+80.37 TO STA. 18+10.37

REMOVE EXISTING 2-36" CMP AND
 REPLACE WITH 42 LF OF 2-36"
 RCP.
 MW INVERT ELEV.= 60.50
 SE INVERT ELEV.= 60.30
 BEGIN ASPHALT PAVEMENT
 STA. 17+50.00



REVISIONS		DATE	BY	DESCRIPTION
1	WETLANDS IMPACT ADJUSTED	1/19/12	B.W.	
2	WATERLINE ADDED	1/25/12	S.P.	

DATE	BY	DESCRIPTION
10/20/11	J.F.S.	CHECKED BY
	S.S.K.	DESIGN BY
	C.M.C.	CHECKED BY
	B.A.W.	DRAWN BY

ENGINEER OF RECORD:

JOHN F. SLIGER II, P.E.
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PROJECT NUMBER: 1114

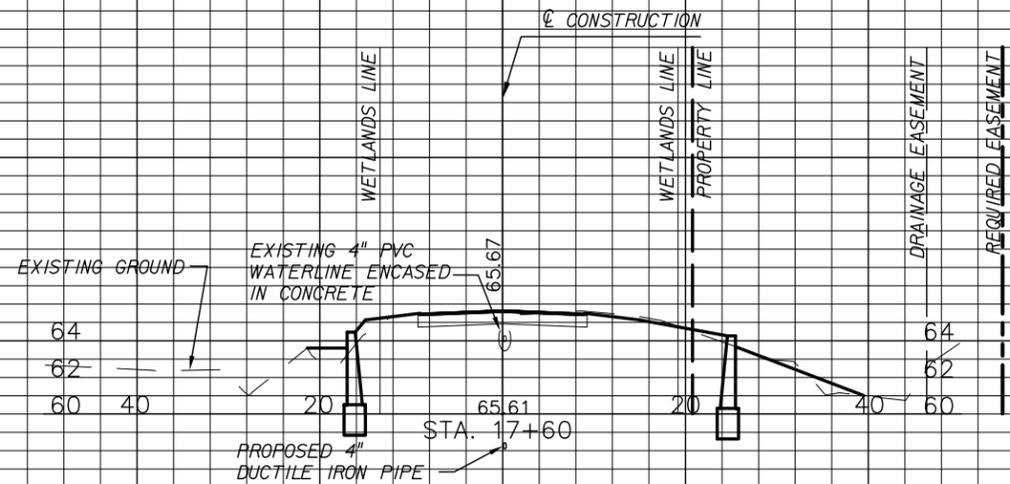
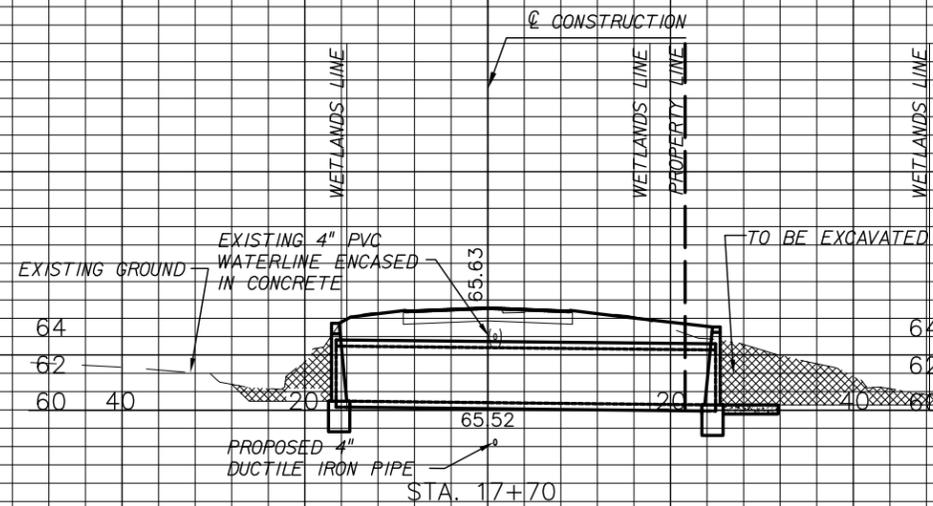
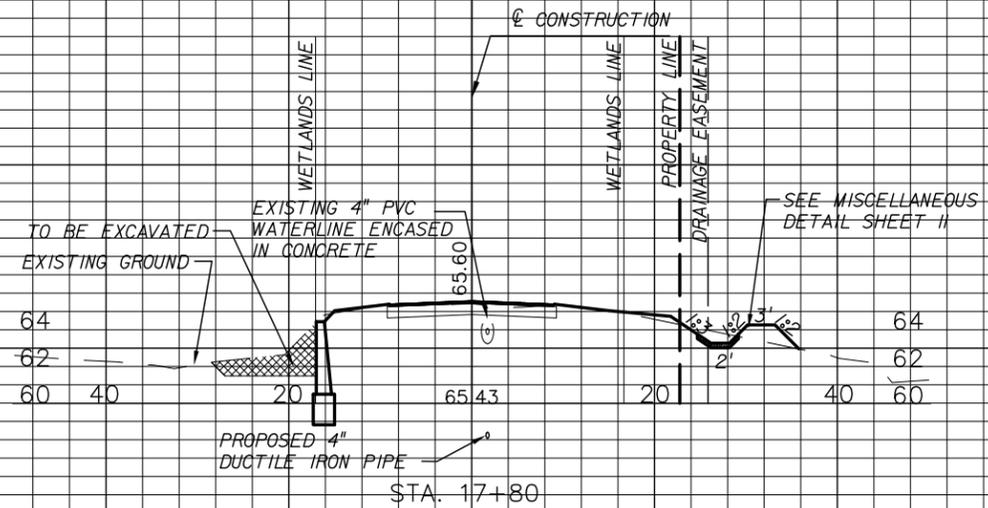
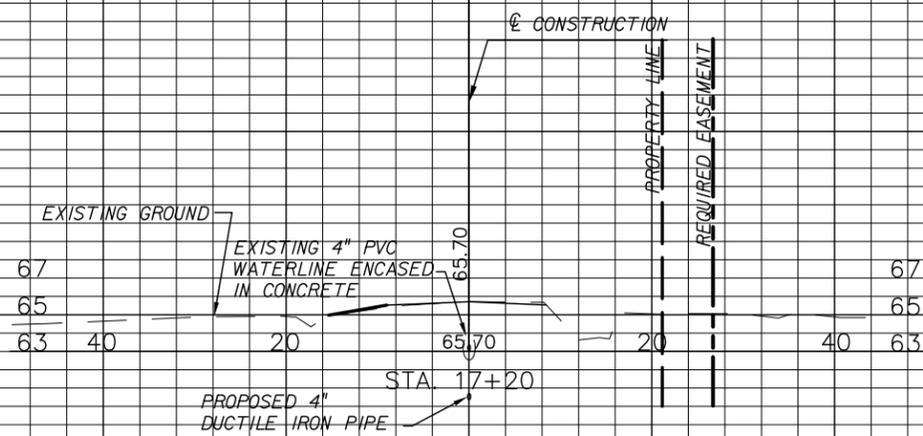
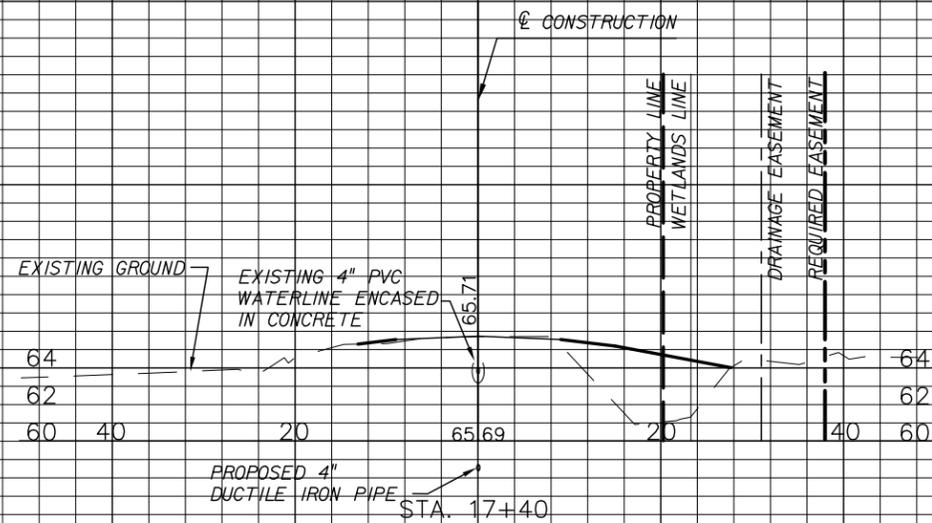
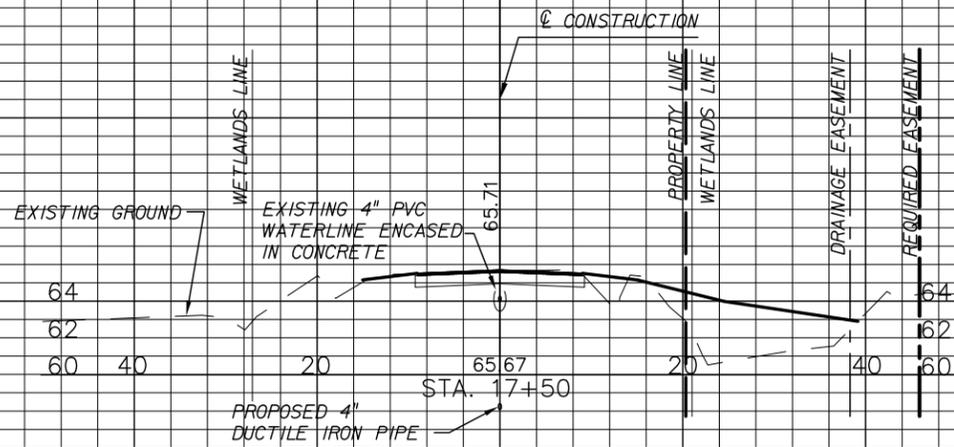
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PLAN AND PROFILE

PROJECT NAME: **BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT**

SHEET NO. **7**

NOTE: EXISTING WATERLINE LOCATION IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION.



REVISIONS		DATE	BY	DESCRIPTION

INITIAL	ENGINEER OF RECORD:
B.A.W.	
C.M.C.	
S.S.K.	
J.F.S.	
DATE	10/2011

JOHN F. SLIGER II, P.E.
P.E. #55550

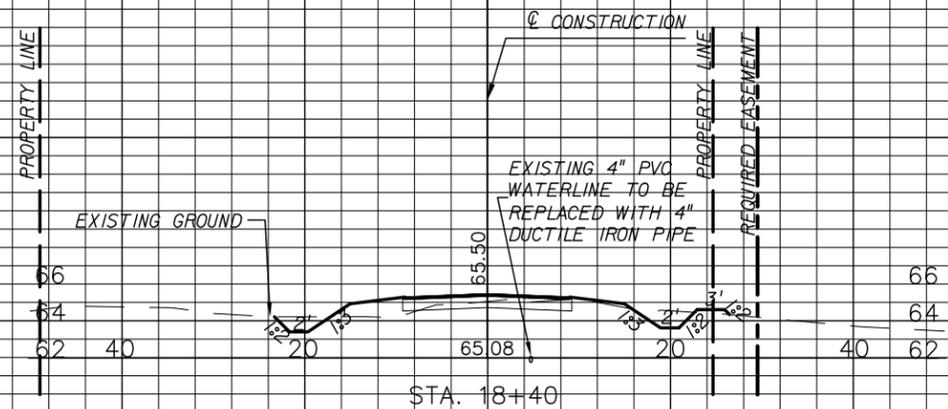
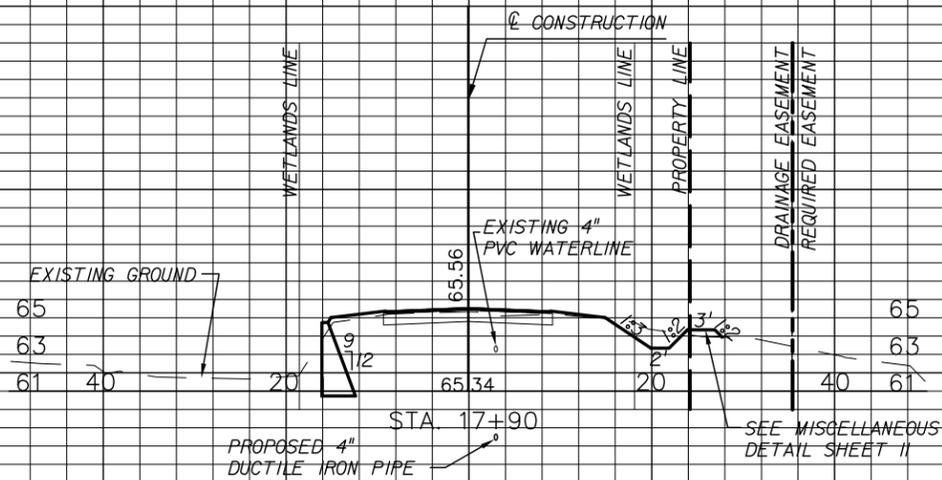
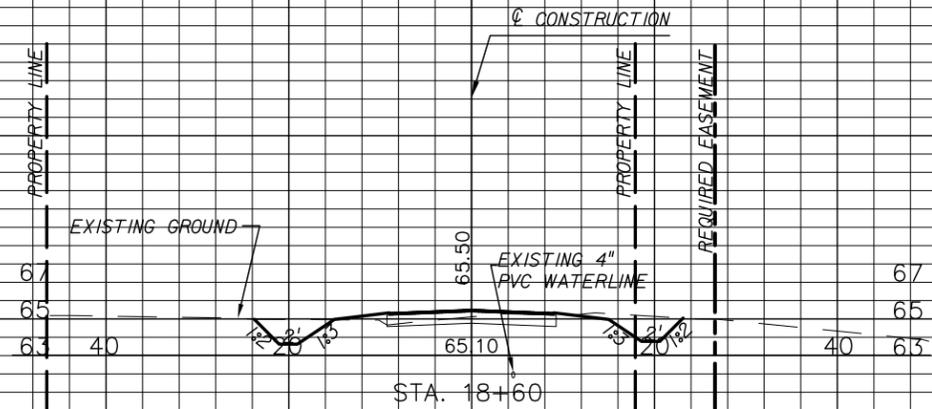
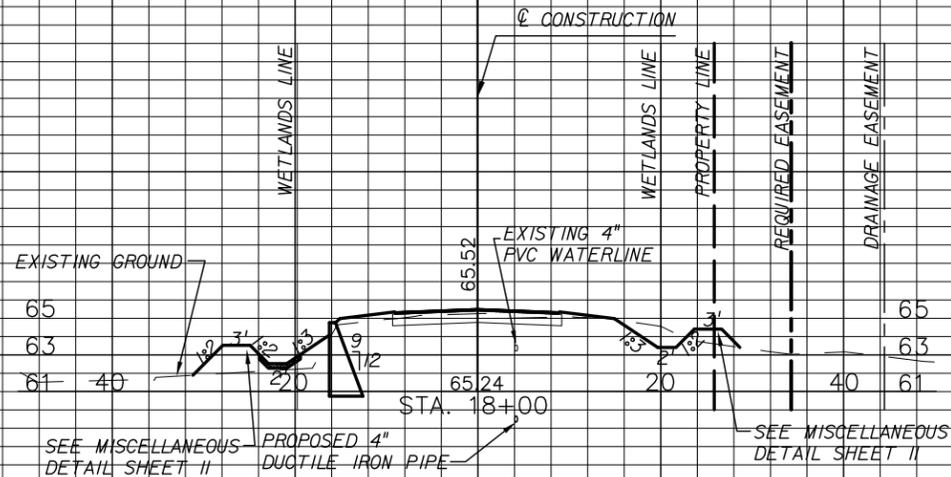
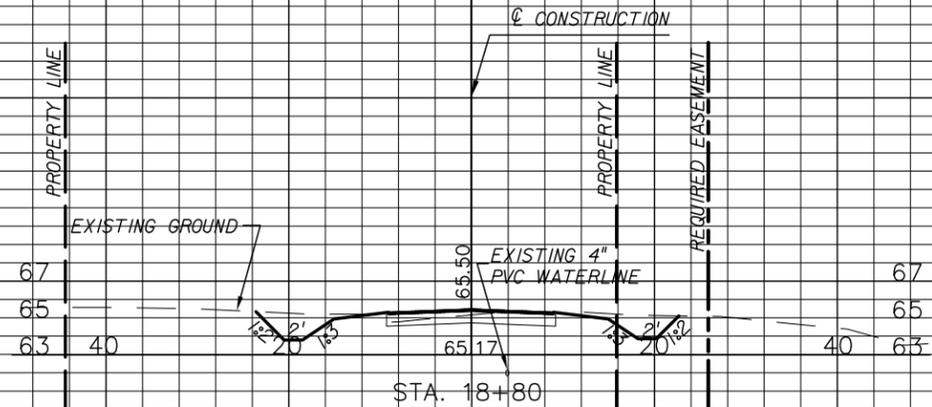
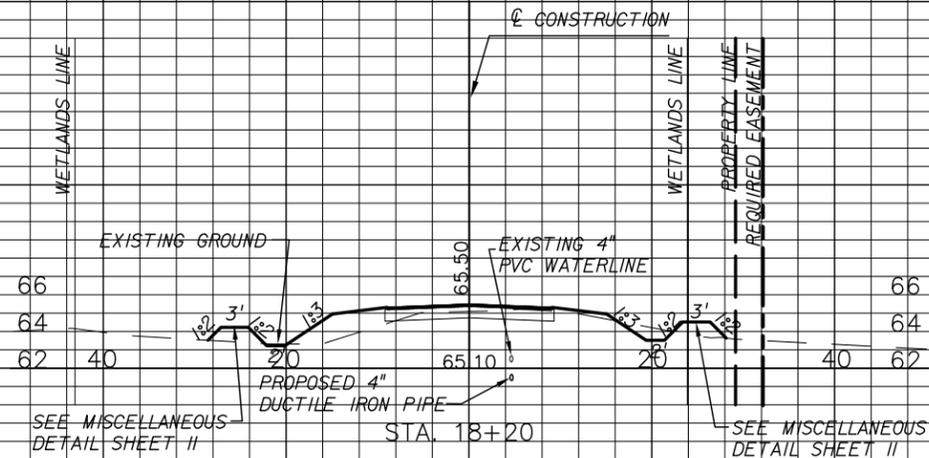
REGISTE, SLIGER ENGINEERING, INC.
 CIVIL AND STRUCTURAL ENGINEERING CONSULTANT
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CROSS SECTIONS
 PROJECT NAME: **BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT**

SHEET NO. **8**

NOTE: EXISTING WATERLINE LOCATION IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION.



REVISIONS	
DATE	DESCRIPTION

DRAWN BY	B.A.W.
CHECKED BY	C.M.C.
DESIGN BY	S.S.K.
CHECKED BY	J.F.S.
DATE	10/2011

ENGINEER OF RECORD:
 JOHN F. SLIGER II, P.E.
 P.E. #55550



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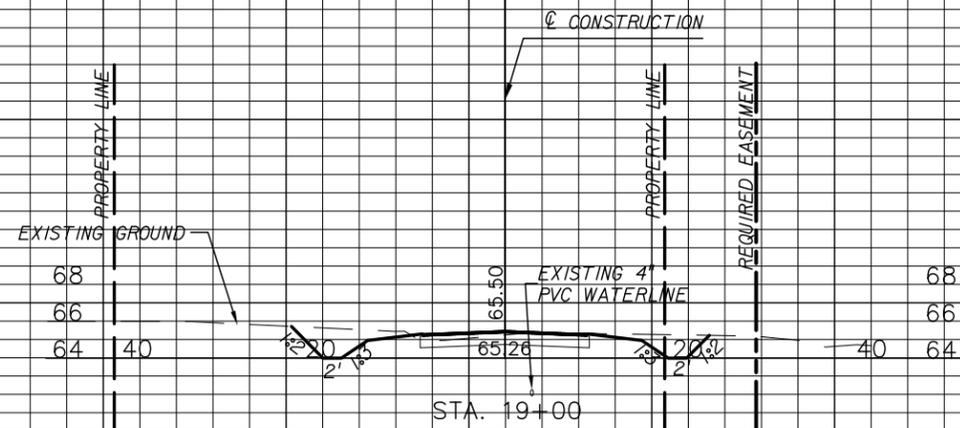
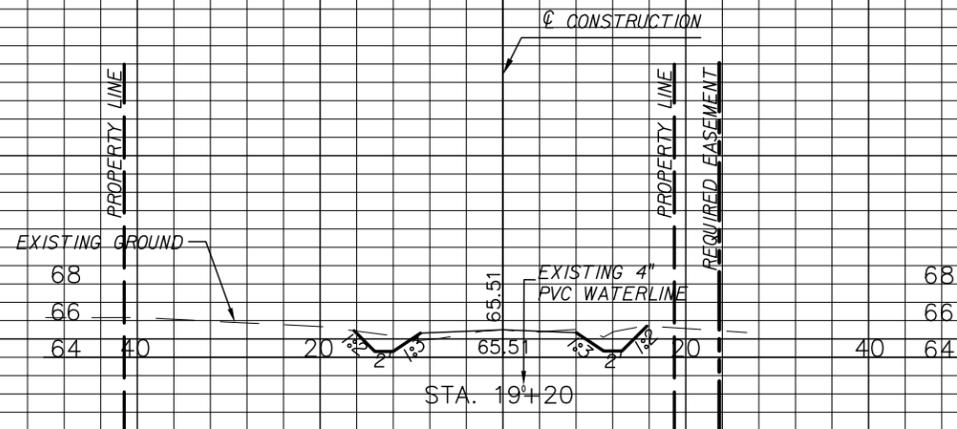


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CROSS SECTIONS
 PROJECT NAME: **BRUSHY CREEK ROAD
 CULVERT REPLACEMENT PROJECT**

SHEET NO.
9

NOTE: EXISTING WATERLINE LOCATION IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION.



REVISIONS

DATE	BY	DESCRIPTION

DRAWN BY	INITIAL
CHECKED BY	B.A.W.
DESIGN BY	C.M.C.
CHECKED BY	S.S.K.
DATE	J.F.S.
	10/2011

ENGINEER OF RECORD:
 JOHN F. SLIGER II, P.E.
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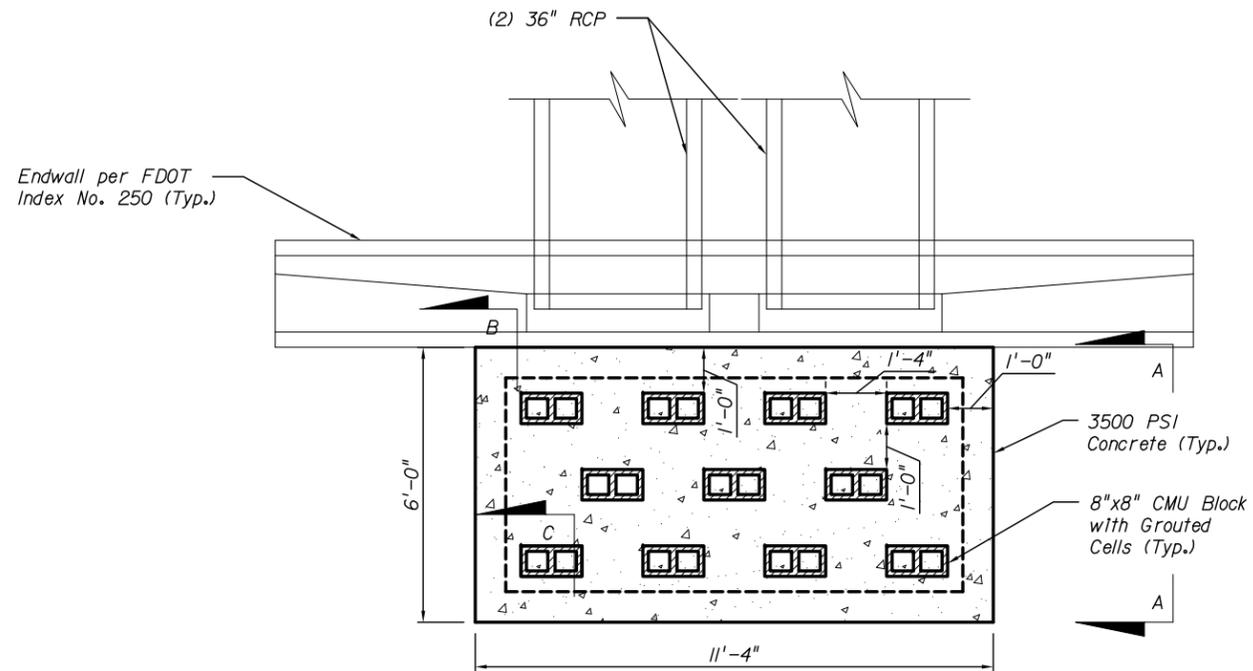
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CROSS SECTIONS

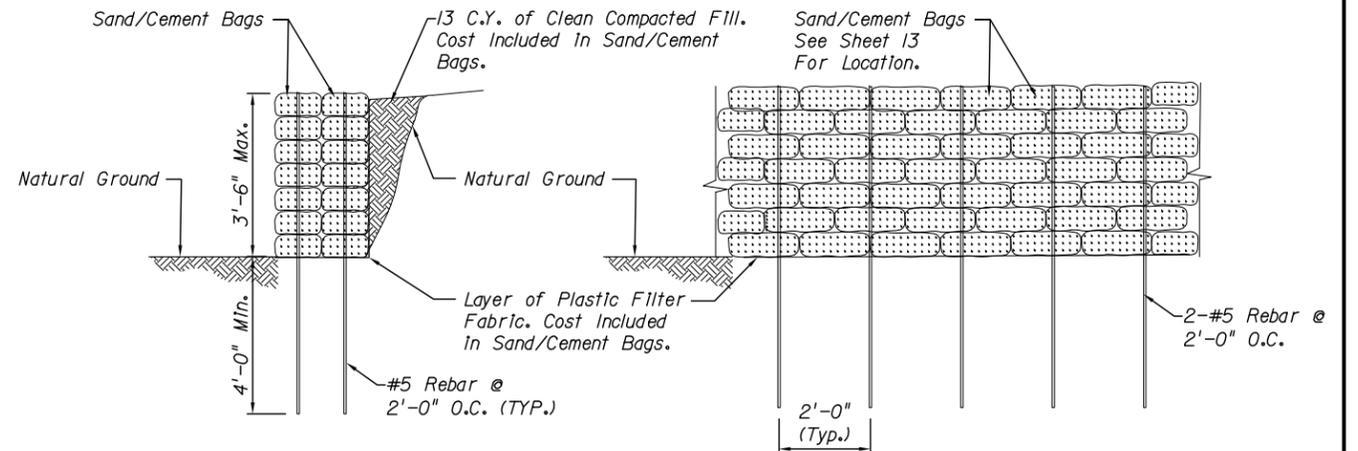
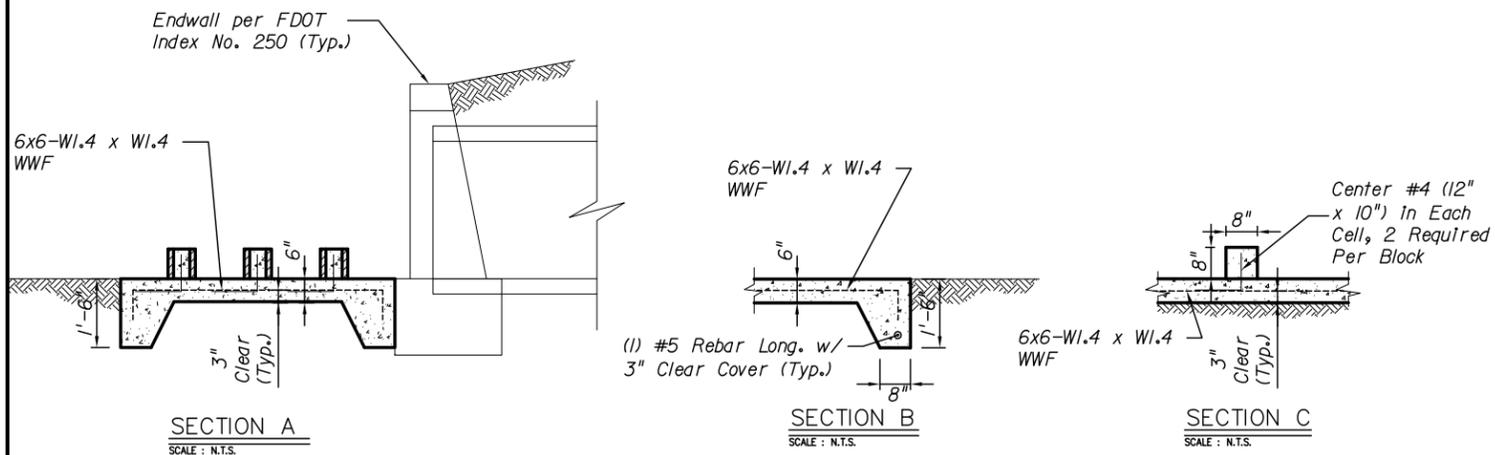
PROJECT NAME: BRUSHY CREEK ROAD
 CULVERT REPLACEMENT PROJECT

SHEET NO.

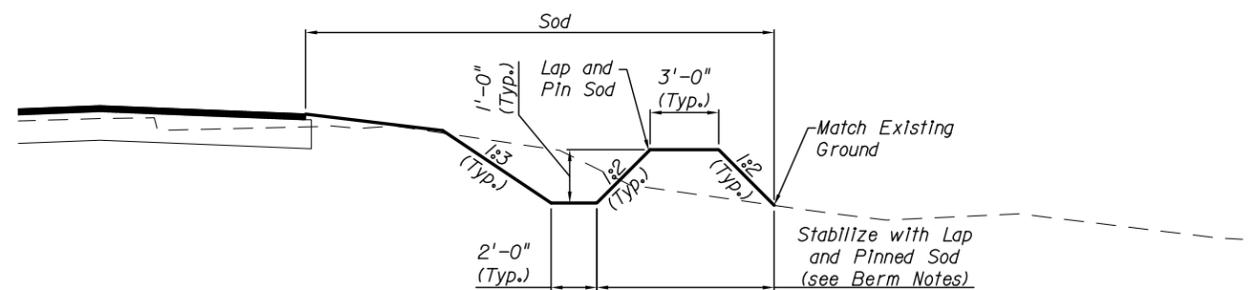
10



1 SPLASH PAD DETAIL
SCALE: N.T.S.



2 SAND/CEMENT BAG WALL DETAIL (PER COUNTY DIRECTION)
SCALE: N.T.S.



3 TYPICAL SECTION-BERM
SCALE: N.T.S.

Berm Notes:

1. See Cross Section Sheets for Location.
2. Berm shall be filled and compacted in 6" intervals. Fill material shall be plastic soil- AASHTO A-2-5, A-2-6, A-4, A-5, A-6, A-7 (All with LL>50).
3. Each lift shall be compacted to 95% modified proctor.
4. One test per lift per 200 l.f. of berm will be required.
5. Scarify and compact base of berm.
6. Minimum depth of swales created by new berm shall be 1'.

REVISIONS		
DATE	BY	DESCRIPTION

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DESIGN BY	S.S.K.
CHECKED BY	J.F.S.
DATE	10/20/11

ENGINEER OF RECORD:

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MISCELLANEOUS DETAILS
PROJECT NAME: BRUSHY CREEK ROAD
CULVERT REPLACEMENT PROJECT

SHEET NO. 11

1. CONTROLS

1.1. STABILIZATION PRACTICES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR MINIMIZING EROSION POTENTIAL BY PROVIDING TEMPORARY SEEDING AND WATER FOR AREAS THAT HAVE BEEN CLEARED AND WILL REMAIN INACTIVE FOR A PERIOD GREATER THAN 7 CALENDAR DAYS.

2. OTHER CONTROLS

2.1 WASTE DISPOSAL: THE CONTRACTOR SHALL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ALL FERTILIZER, HYDROCARBON, OR OTHER CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

3. INSPECTIONS

3.1 A F.D.E.P. QUALIFIED STORMWATER MANAGEMENT CONTROL INSPECTOR PERSONAL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS .25 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND RECORD DAILY RAINFALL WHERE SITES HAVE BEEN PERMANENTLY STABILIZED. INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT EROSION CONTROL DEVICES INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

4. EROSION CONTROL NOTES

4.1. SILT FENCE AND FILTER FABRIC MUST BE ENTRENCHED.

4.2. POST FOR SILT FENCES SHALL BE EITHER 2.5 X 2 INCH DIAMETER SOFT WOOD OR 1.25 POUNDS PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 5 FEET. STEEL POST SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.

4.3. WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 42 INCHES IN HEIGHT, A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.

4.4. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MIN. OF 12 INCHES) WHEN EXTRA STRENGTH FABRIC IS USED. WITHOUT THE WIRE SUPPORT FENCE, POSTS SHALL NOT EXCEED 6 FEET.

4.5. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POST.

4.6. SEDIMENT MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.

4.7. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE PROPOSED AND EXISTING GRADES, PREPARED AND SEEDDED.

4.8. SILT FENCE SHALL BE REMOVED UPON COMPLETION OF THE PROJECT OR AT A TIME DIRECTED BY THE COUNTY. IF THE COUNTY FEELS IT IS NECESSARY FOR THE SILT FENCE TO REMAIN IN PLACE FOR SOME GIVEN TIME AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL LEAVE IT IN PLACE, IN THE PROPERLY INSTALLED WAY, AND WILL, AT THE DIRECTION OF THE COUNTY, REMOVE IT AT NO ADDITIONAL COST TO THE COUNTY WHEN THE COUNTY DEEMS IT APPROPRIATE.

4.9. ALL SIDE SLOPES CREATED OR DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED AS SHOWN ON PLANS AT THE EARLIEST POSSIBLE DATE TO AVOID EROSION.

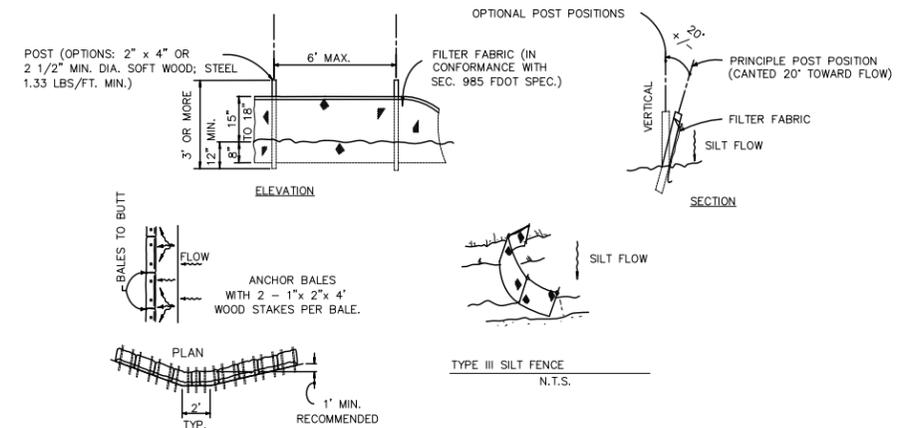
4.10. ANY DISTURBED AREA WHICH WILL NOT BE PAVED, SODDED OR BUILT UPON SHALL HAVE A MINIMUM OF 80 % VEGETATIVE COVER PRIOR TO FINAL INSPECTION, AND IN THE OPINION OF THE COUNTY, WILL BE MATURE ENOUGH TO CONTROL SOIL EROSION AND SURVIVE SEVERE WEATHER CONDITIONS.

4.11. AREAS TO BE SODDED SHALL BE RAKED OR OTHERWISE CLEARED OF STONES LARGER THAN 2 INCHES (50 MM) IN ANY DIAMETER, STICKS, STUMPS, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH SODDING, GROWTH OF GRASSES, OR SUBSEQUENT MAINTENANCE OF GRASS-COVERED AREAS. IF ANY DAMAGE BY EROSION OR OTHER CAUSES OCCURS AFTER GRADING OF AREAS AND BEFORE BEGINNING THE APPLICATION OF FERTILIZER AND GROUND LIMESTONE, THE CONTRACTOR SHALL REPAIR SUCH DAMAGE.

4.12. THE SOD SHALL BE DELIVERED ALIVE, FRESH AND UNINJURED, AND SHALL BE TRANSPLANTED WITHIN 24 HOURS OF THE TIME IT WAS CUT. THE CONTRACTOR SHALL WATER THE SOD DAILY UNTIL ROOTS HAVE BEEN ESTABLISHED. DEAD SOD SHALL BE REPLACED AND MAINTAINED AT NO COST TO THE OWNER. THE SOD SHALL HAVE A SOIL MAT OF SUFFICIENT THICKNESS ADHERING FIRMLY TO THE ROOTS TO WITHSTAND ALL NECESSARY HANDLING. IN ADDITION, SOD SHALL BE SUFFICIENTLY THICK TO SECURE A DENSE STAND OF LIVE GRASS.

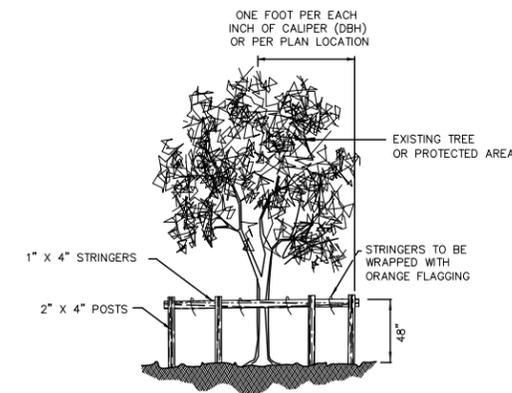
CONSTRUCTION SEQUENCE

1. CONDUCT PRE-CONSTRUCTION CONFERENCE WITH THE CONTRACTOR, ENGINEER OF RECORD AND LEON COUNTY ENVIRONMENTAL INSPECTOR (CEI) PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES AT THE SITE.
2. PRIOR TO ANY EARTHWORK, INSTALL ALL PERIMETER SILT FENCE AND TREE PROTECTION BARRICADES.
3. INSTALL FLOATING TURBIDITY BARRIER.
4. RELOCATE WATERLINE.
5. REMOVE EXISTING CMP AND REPLACE WITH NEW RCP PIPES, MAINTAINING ONE LANE OF TRAFFIC AT ALL TIMES. DO NOT OPEN MORE TRENCH THAN CAN BE WORKED AND FINISHED IN A GIVEN DAY.
6. INSTALL HEADWALLS, CONCRETE ENERGY DISSIPATOR AND GRADE CHANNEL UP AND DOWNSTREAM .
7. CONSTRUCT PAVED ROADWAY, SHOULDER AND ROADSIDE DITCHES.
8. SOD AND STABILIZE DISTURBED AREAS WITHIN 7 DAYS OF CONSTRUCTION ACTIVITIES COMMENCING.
9. COMPLETE AS-BUILT SURVEY WHEN CONSTRUCTION IS COMPLETE.
10. AS-BUILT SURVEY AND PE COMPLIANCE NARRATIVE SHALL BE SUBMITTED TO LEON COUNTY GROWTH AND DEVELOPMENT SERVICES DIVISION AT LEAST TWO WEEKS PRIOR TO REQUESTING FINAL INSPECTION.
11. REMOVE ALL EROSION CONTROL DEVICES AND TREE PROTECTION BARRICADES AT THE DIRECTION OF THE LEON COUNTY ENVIRONMENTAL INSPECTOR.



ANCHOR BALES WITH 2 - 1" x 2" x 4' WOOD STAKES PER BALE.
APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART I, SHEET 1 OF 3, INDEX NO. 102, TYPE I

1 BARRIER FOR UNPAVED DITCH/ SWALES
N.T.S.



NOTE: CONTRACTOR MAY SUBSTITUTE BARRICADES WITH BLAZE ORANGE "SAFETY" FENCE.
TREE PROTECTION BARRICADES SHALL BE LOCATED TO PROTECT A MINIMUM OF 60% OF THE CRITICAL PROTECTION ZONE OR AS SITE CONDITIONS ALLOW.

2 TREE PROTECTION DETAIL
N.T.S.

REVISIONS		
DATE	BY	DESCRIPTION

DRAWN BY	B.A.W.
CHECKED BY	C.M.C.
DESIGN BY	S.S.K.
CHECKED BY	J.F.S.
DATE	10/2011

ENGINEER OF RECORD:

JOHN F. SLIGER II, P.E.
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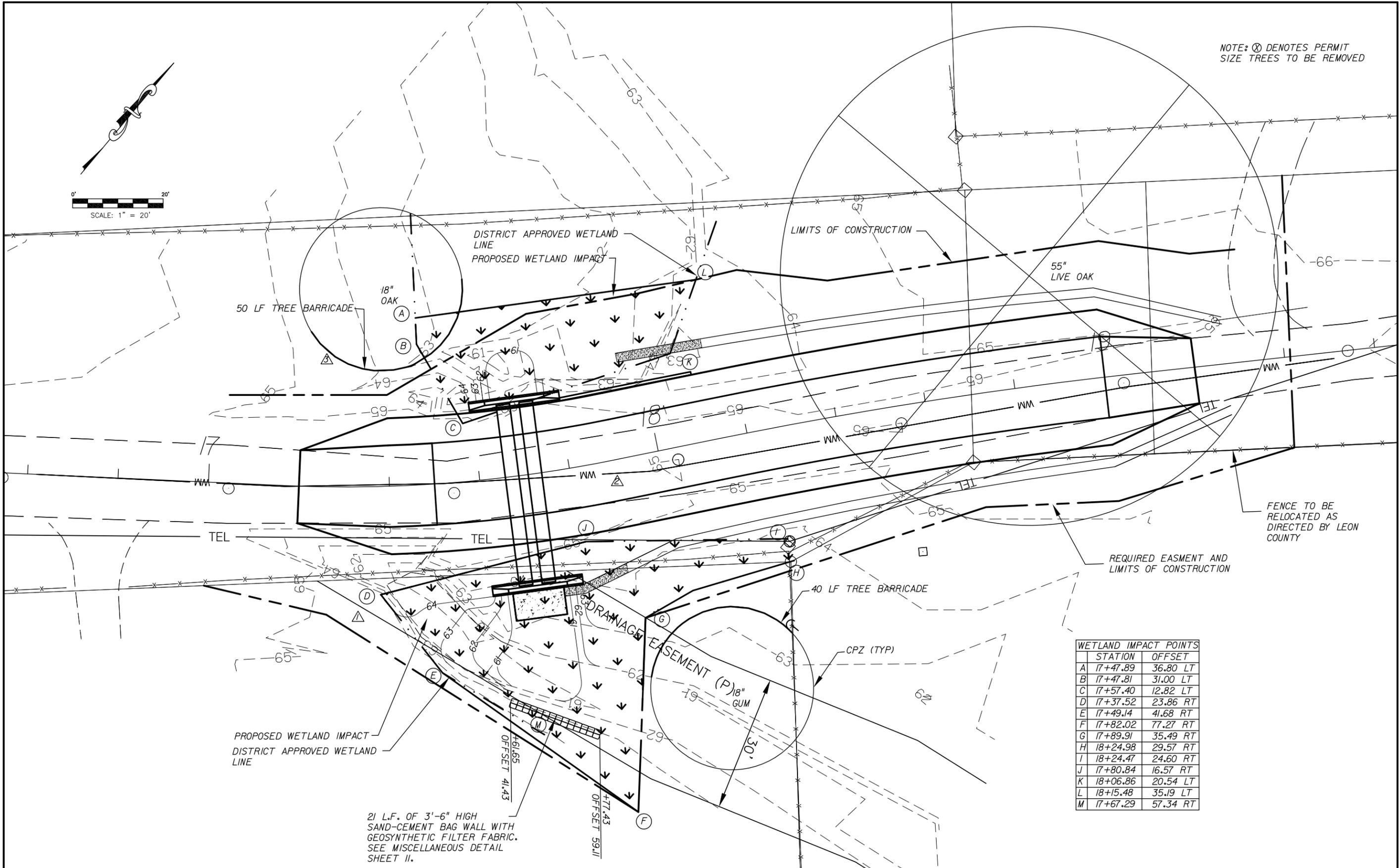
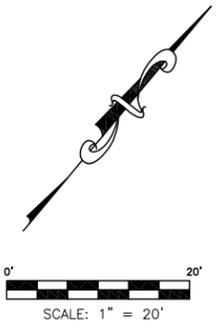
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EROSION CONTROL NOTES AND DETAILS
PROJECT NAME: **BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT**

SHEET NO.

12

NOTE: ⊗ DENOTES PERMIT SIZE TREES TO BE REMOVED



WETLAND IMPACT POINTS		
STATION	OFFSET	
A	17+47.89	36.80 LT
B	17+47.81	31.00 LT
C	17+57.40	12.82 LT
D	17+37.52	23.86 RT
E	17+49.14	41.68 RT
F	17+82.02	77.27 RT
G	17+89.91	35.49 RT
H	18+24.98	29.57 RT
J	18+24.47	24.60 RT
J	17+80.84	16.57 RT
K	18+06.86	20.54 LT
L	18+15.48	35.19 LT
M	17+67.29	57.34 RT

PROPOSED WETLAND IMPACT
DISTRICT APPROVED WETLAND LINE

21 L.F. OF 3'-6" HIGH SAND-CEMENT BAG WALL WITH GEOSYNTHETIC FILTER FABRIC. SEE MISCELLANEOUS DETAIL SHEET II.

REVISIONS	
DATE	DESCRIPTION
1/19/12	WETLANDS IMPACT ADJUSTED
1/25/12	WATERLINE ADDED
2/2/12	TREES ADDED

BY	INITIAL
B.W.	B.A.W.
S.P.	C.M.C.
S.P.	S.S.K.
S.P.	J.F.S.
	10/2011

ENGINEER OF RECORD:

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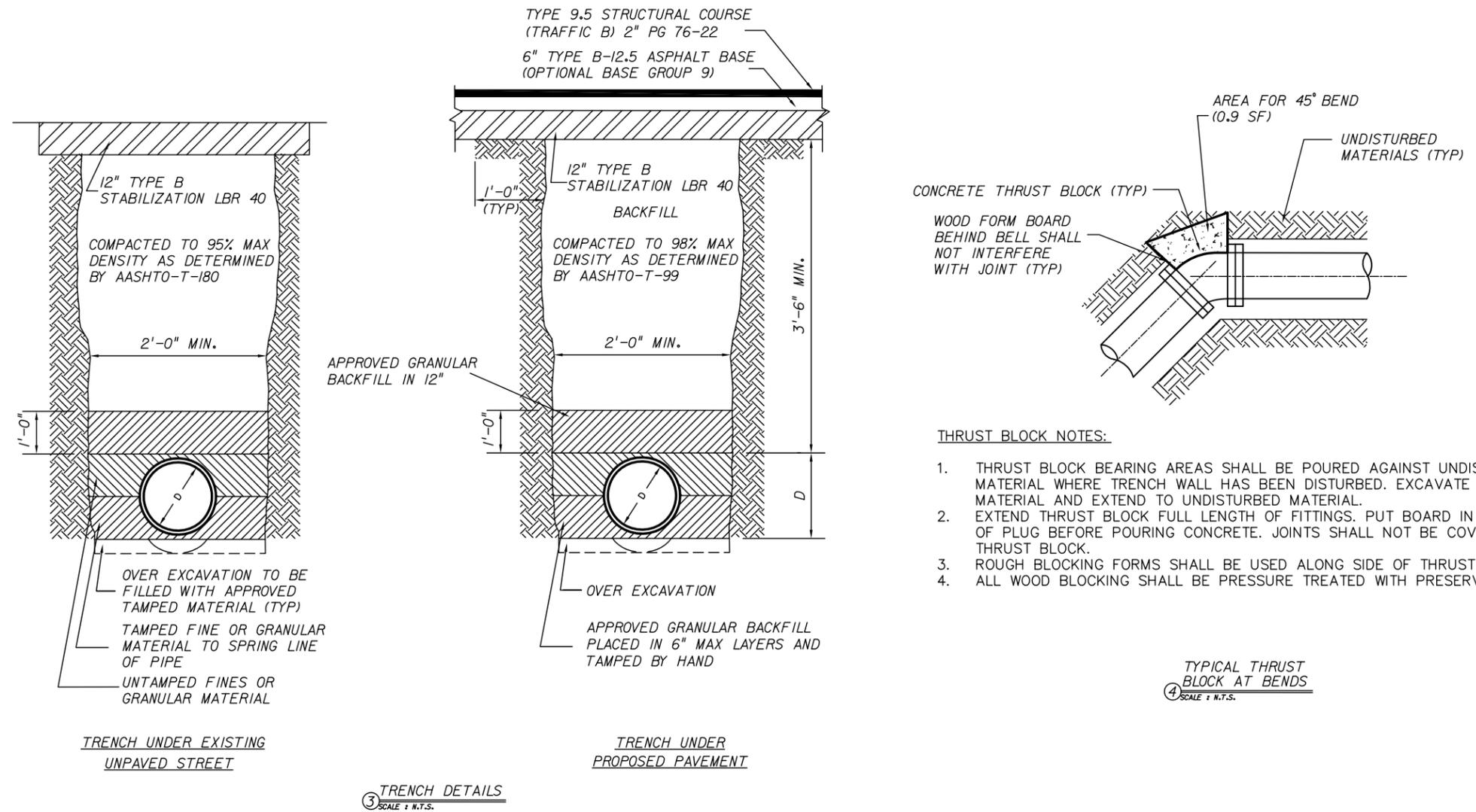
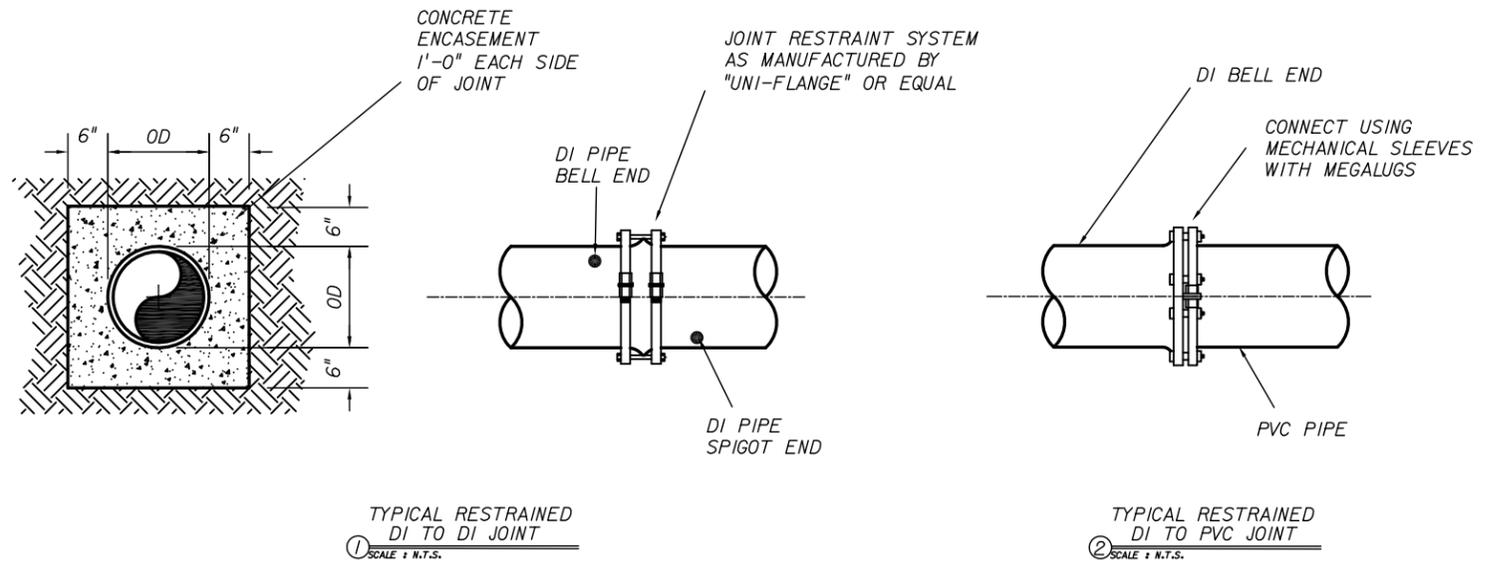
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GRADING PLAN AND WETLAND IMPACT
PROJECT NAME: **BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT**

SHEET NO. **13**

UTILITY ADJUSTMENT NOTES:

1. CONTRACTOR SHALL COORDINATE INSTALLATION OF POTABLE WATER MAINS WITH ALL OTHER UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
2. HYDROSTATIC TESTS, LEAKAGE TESTS, DISINFECTION, AND BACTERIOLOGICAL TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE WRITTEN CONSTRUCTION SPECIFICATION OF TALQUIN UTILITIES AND ALL APPLICABLE REQUIREMENTS.
3. NO POTABLE WATER MAIN CONSTRUCTION SHALL COMMENCE UNTIL SHOP DRAWINGS HAVE BEEN APPROVED AND A PRECONSTRUCTION CONFERENCE HELD WITH TALQUIN STAFF.
4. CONTRACTOR SHALL NOTIFY TALQUIN 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. TALQUIN REPRESENTATIVES MUST WITNESS ALL TIE INSTALLATION AND TESTS OF NEW LINES.
5. CONTRACTOR TO ISSUE BOIL NOTICE TO ALL AFFECTED WATER SOURCE CUSTOMERS PRIOR TO CONSTRUCTION. TALQUIN WILL PROVIDE CONTRACTOR WITH THE NOTICES AND WILL NOTIFY FDEP AND THE LEON COUNTY HEALTH DEPARTMENT OF WATER SERVICE INTERRUPTION PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL PLACE A SIGN NOTIFYING ALL RESIDENTS OF INTENDED WATER DISRUPTION. SIGN SHALL DESCRIBE WHEN THE WATER WILL OF OFF AND THE ANTICIPATED LENGTH OF DISRUPTION TIME.
7. ALL WORK TO BE IN ACCORDANCE WITH TALQUIN ELECTRIC SPECIFICATIONS AND SHOP DRAWINGS.
8. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH TALQUIN ELECTRIC TO MINIMIZE TIME WATER MAIN IS OUT OF SERVICE.



REVISIONS			DATE	BY	DESCRIPTION	INITIAL	ENGINEER OF RECORD:	REGISTE, SLIGER ENGINEERING, INC.		LEON COUNTY DEPARTMENT OF PUBLIC WORKS		UTILITY ADJUSTMENTS	SHEET NO.
							JOHN F. SLIGER II, P.E. P.E. #55550	REGISTE, SLIGER ENGINEERING, INC. CIVIL AND STRUCTURAL ENGINEERING CONSULTANT CERT. OF AUTHORIZATION # 9292 1427 N. Bronough Street - Tallahassee, FL 32303 PHONE: (850) 894-4521 - FAX: (850) 224-0505 PROJECT NUMBER: 1114		LEON COUNTY DEPARTMENT OF PUBLIC WORKS 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308 PHONE (850) 606-1500 * FAX (850) 606-1501		PROJECT NAME: BRUSHY CREEK ROAD CULVERT REPLACEMENT PROJECT	15