

## COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
STRUCTURE PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

# PERMITTING PURPOSES ONLY

## INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1 - 2	KEY SHEET
2 - 4	SUMMARY OF PAY ITEMS
5 - 7	TYPE OF PAYMENTS
8 - 10	SUMMARY OF QUANTITIES
11 - 12	GENERAL NOTES
13 - 14	PLAN
15 - 25	PROFILE
26 - 29	SPECIAL DETAILS
30 - 32	ROADWAY SOIL SURVEY
33 - 35	CROSS SECTIONS
36 - 37	STORMWATER POLLUTION PREVENTION PLANS
CFU-1 - CTL-3	WEIR PLANS
	TRAFFIC CONTROL PLANS
	UTILITY ADJUSTMENTS
	PROJECT CONTROL

LIST OF REVISED INDEX DRAWINGS  
(SEE NO.)

ARDS AND SPECIFICATIONS:  
servation, 2013 Design Standards and  
ppended hereto, and 2013 Standard  
Bridge Construction, as amended by

on the "Design Standards" link or the  
design/

ctions for Road and Bridge  
ecifications" link at the following  
ecifications office/

REVISIONS



## STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

### CONTRACT PLANS

FINANCIAL PROJECT ID 422897-1-52-01

(FEDERAL FUNDS)

ESCAMBIA COUNTY (48501000)

BRICKYARD ROAD

BEGIN PROJECT  
STA. 81+70.00  
Q. SURVEY BRICKYARD RD.  
M.P. 0.220

END PROJECT  
STA. 89+00.00  
Q. SURVEY BRICKYARD RD.  
M.P. 0.082



PROJECT LENGTH IS BASED ON Q. OF SURVEY AND Q. OF CONSTRUCTION

## LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	655.64	0.124
BRIDGES	75.00	0.014
NET LENGTH OF PROJECT	730.64	0.138
EXCEPTIONS		
GROSS LENGTH OF PROJECT	730.64	0.138

FDOT PROJECT MANAGER: DEAN MITCHELL, P.E. - HNTB  
(850) 415-9016

BRICKYARD ROAD OVER UNNAMED BRANCH (BRIDGE NO. 484241)



ROADWAY SHOP DRAWINGS  
TO BE SUBMITTED TO:  
VOLKERT, INC.  
380 BROWN STREET  
MOBILE, ALABAMA 36618  
(205) 342-1070  
JUSTIN B. O'DONNELL, P.E. #L85899  
VENDOR NO. 630247014001

PLANS PREPARED BY:

VOLKERT

680 BROWN STREET  
CHIPLEY, FL 32428  
TELEPHONE (850) 638-5088  
CHARLES A. JAYROE, P.E. #46062  
CONTRACT NUMBER C-9326  
VENDOR NUMBER 630247014001  
CERTIFICATE OF  
AUTHORIZATION NO. 00004641

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

FINAL PRIOR TO  
PLAN UPDATE  
NOVEMBER 2012

ROADWAY PLANS  
ENGINEER OF RECORD: JUSTIN B. O'DONNELL, P.E.

P.E. NO.: 65899

FISCAL YEAR	SHEET NO.
14	1

SAF 2013-00295  
May 30, 2013

U.S. Army Corps of Engineers  
Permit # SBT-1013-00295  
Date: May 30, 2013  
Attachment: 2



FLORIDA DEPARTMENT OF TRANSPORTATION PROVISIONAL SURVEY OF PAN TIES FOR PROJECT: 13445				COUNTY/SECTION: 48501000	
LEAD PROJECT : #422897-1-32-01 PROJECT(S) : #42289715201		DISTRICT: 03		COUNTRY: ESCANBIA	
0001 SURVEY OF STRUCTURES					
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY/TOTAL
		0110-3*	REHAB OF EXISTING STRUCTURE	42289715201	1,000
0400-	2-	4 CONCRETE CLASS II - SUPERSTRUCTURE	(15)		1,000
0400-	2-	10 CONCRETE CLASS II - APPROACH SLABS	CT	150	150
0400-	2-	10 CONCRETE CLASS II - SUPERSTRUCTURE	CT	50	50
0400-	4*	3 CONCRETE CLASS II - SUPERSTRUCTURE	CT	48,800	48,800
0400-	7*	BRIDGE DECK GROWING, LESS THAN 8'-5"	ST	298,800	298,800
0415-	1*	4 REINFORCING STEEL - SUPERSTRUCTURE	LF	30,756,000	30,756,000
0415-	3*	5 REINFORCING STEEL - SUPERSTRUCTURE	LF	50,954,000	50,954,000
0415-	11	3 REINFORCING STEEL - APPROACH SLABS	LF	108,322,000	108,322,000
0455-	3*	3 PRESTRESSED CONCRETE PILING, 18"-50	LF	760,000	760,000
0455-	14*	3 TEST PILES - PRESTRESSED CONCRETE, 18"-50	LF	250,000	250,000
0456-	1-	1 BRIDGE EXPANSION JOINT, NEW CONSTRUCTION, FM ROUNDED	LF	20,000	20,000
0456-	1-	1 JOINT WITH BACKER ROD	LF		70,000
0521-	3*	1 CONCRETE TRAFFIC RAILING, BRIDGE 32' F - SHAPE	LF	230,000	230,000
0536-	1*	1 RIPRAP - SAND CEMENT	CT	33,300	33,300
0536-	3*	1 RIPRAP - RUBBLE, BARK AND SHORE	TR	436,700	436,700
0536-	74*	BEDDING STONE	TR	155,500	155,500

PERMITTING  
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SAT-2013-00293



FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS						
LEAD PROJECT : #22897-1-52-01	DISTRICT : D3	COUNTY/SECTION : #4501000				
PROJECT(S) : #2289715201	COUNTRY : ESCambia					
0002. SUMMARY OF ROADWAY						
SPC ALN ITEM NUMBER	ITEM DESCRIPTION		UNIT	#2289715201	QUANTITY	TOTAL
			LS	1,000	1,000	
0101- 1: -	HOLIDIZATION	42289715201	LS	1,000	1,000	
0102- 3: -	HAZARDOUS AREA SIGN	42289715201	LS	1,000	1,000	
0102- 65: -	WORK ZONE SIGN		ED	8723.000	8723.000	
0102- 74: -	BARRICADE, TEMPORARY, TYPE L.L., 6'		ED	858.000	858.000	
0103- 77: -	HIGH INTENSITY FLASHING LIGHTS, TEMP., TYPE B		ED	286.000	286.000	
0103- 99: -	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY		EP	414.000	414.000	
0104- 3: -	ARTIFICIAL COVERINGS THROLED EROSION CONTROL PRODUCTS		ST	674.000	674.000	
0104- 16: -	SEDIMENT BARRIER		LF	1170.000	1170.000	
0104- 17: -	FLOATING TURBIDITY BARRIER		LF	175.000	175.000	
0104- 12: -	STAKED TURBIDITY BARRIER - HIGH REINFORCED PVC		LF	200.000	200.000	
0110- 1: -	CLEARING & GRUBBING	42289715201	LS	1,000	1,000	
0120- 3: -	REGULAR EXCAVATION		CY	308.000	308.000	
0120- 5: -	EMBANKMENT		CF	2392.000	2392.000	
0160- 4: -	TYPE B STABILIZATION		ST	2477.000	2477.000	
0162- 1: -	11 PREPARED SOIL, 11IN, FINISH 3011, LAYER, 6"		ST	2393.000	2393.000	
0284- 70: -	OPTIONAL BASE, BASH GROUP OR		ST	1688.000	1688.000	
0334- 2: -	SUPERPAVE ASPHALTIC CONC, TRAFFIC S		TH	13.100	13.100	
0334- 3: -	SUPERPAVE ASPH CONC, TRAP S, FIG 6-22		TH	98.000	98.000	
0339- 1: -	UNICELLULAR ASPHALT PAVEMENT		TH	31.500	31.500	
0339- 3: -	BLASTFALL, SUBBASE, 6IN, DITCH LINING		TH	18.700	18.700	
0336- 1: -	GUARDRAIL -RADARMAT		LF	325.000	325.000	
0336- 3: -	GUARDRAIL - BRIDGE ANCHORAGE ASSEMBLY, FURNISH & INSTALL		EA	4,000	4,000	
0336- 73: -	GUARDRAIL REINFORC.		LF	380.000	380.000	
0336- 65: -	GUARDRAIL END ANCHORAGE ASSEMBLY, FLARED		EA	4,000	4,000	
0370- 1: -	PERFORMANCE TURF, 800		ST	2393.000	2393.000	
0003. SUMMARY OF SIGNING						
SPC ALN ITEM NUMBER	ITEM DESCRIPTION		UNIT	#2289715201	QUANTITY	TOTAL
			AS	4,000	4,000	
0700- 26: -	SINGLE POST SIGN, REMOVE		LS	1,000	1,000	
0710- 99: -	PAINTED PAVER MARKINGS, FINAL SURFACE		LS	1,000	1,000	

FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3445										SUMMARY OF PAY ITEMS										
LEAD PROJECT : 422897-1-52-01			PROJECT(S) : 42289715201			COUNTRY/SECTION : 44501000			SHEET NO.: 2											
DISTRICT : 03			COUNTY : ESCambia			ITEM DESCRIPTION			UNIT			QUANTITY			TOTAL					
0003: SUMMARY OF PAY ITEMS																				
SPC ALV	ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL															
0101-	-1-	HARDLIZATION	LS	1,000	1,000															
0102-	-1-	MAINTENANCE OF TRAFFIC	LS	1,000	1,000															
0102-	-60-	ZONE SIGN	ED	4723.000	8723.000															
0102-	-60-	BARRIER: TEMPORARY, TYPE 3.1.1., 6'	ED	859.000	859.000															
0102-	-72-	HIGH INTENSITY FLASHING LIGHTS, TEMP., TYPE B	ED	266.000	266.000															
0102-	-99-	PORTABLE CHANGABLE MESSAGE SIGN, TEMPORARY	ED	414.000	414.000															
0104-	-1-	ARTIFICIAL COVERS/TROLLED END/ON CONTROL PRODUCTS	ST	614.000	614.000															
0104-	-10-	SEDIMENT BARRIER	LF	1170.000	1170.000															
0104-	-11-	FLOATING TURBIDITY BARRIER	LF	275.000	275.000															
0104-	-12-	STAKED TURBIDITY BARRIER- UTIL/ON REINFORCED PVC	LF	260.000	260.000															
0110-	-1-	CLEARING & GRADING	LS	1,000	1,000															
0139-	-1-	REGULAR EXCAVATION	CP	309.000	309.000															
0139-	-5-	EMBANKMENT	CP	2292.000	2292.000															
0169-	-4-	TYPE B STABILIZATION	ST	2477.000	2477.000															
0169-	-11	PREPARED SOIL, FRESH, FINISH SOIL LAYER, 6"	ST	2293.000	2293.000															
0285-	-706-	OPTIONAL BASE, BASE, GRANULATE, 6"	ST	1688.000	1688.000															
0330-	-1-	SUPERPAVE ASPHALTIC CONCRETE TRAFFIC C. B.	TH	13.100	13.100															
0330-	-1-	SUPERPAVE ASPH. CONC., TRAF. B., PG-6-22	TH	99.900	99.900															
0330-	-22	III SKELAROUS ASH/FAV PAVEMENT	TH	31.500	31.500															
0330-	-3-	RIPRAP, RUBBLE, FA., DITCH LINING	TH	10.700	10.700															
0330-	-4-	RIPRAP, RUBBLE, FA., DITCH LINING	LF	325.000	325.000															
0330-	-1-	GUARDRAIL - ROADWALL	EA	4,000	4,000															
0330-	-8-	GUARDRAIL - BRIDGE ANCHORAGE ASSEMBLY, FURNISH & INSTALL	EA	389.000	389.000															
0336-	-73-	GUARDRAIL REINFORC.	EA	4,000	4,000															
0336-	-22	END ANCHORAGE ASSEMBLY - FLARED	EA	2293.000	2293.000															
0336-	-1-	PERFORMANCE TURN, 900	ST	2293.000	2293.000															
FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T3445										SUMMARY OF PAY ITEMS										
LEAD PROJECT : 422897-1-52-01			PROJECT(S) : 42289715201			COUNTRY/SECTION : 44501000			SHEET NO.: 2											
DISTRICT : 03			COUNTY : ESCambia			ITEM DESCRIPTION			UNIT			QUANTITY			TOTAL					
SPC ALV	ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL															
0709-	20-	SINGLE POST SIGN, REMOVE	AS	4,000	4,000															
0710-	90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1,000	1,000															

( CONST. BRICKTARD ROAD

R/V LINE -

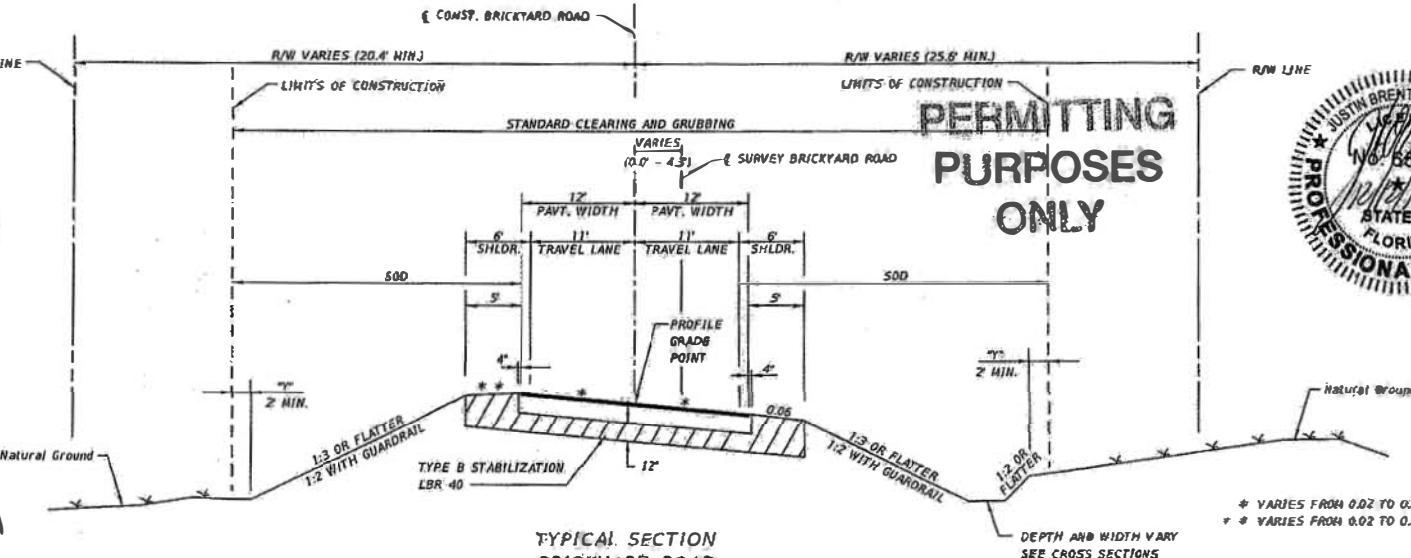
R/WI VARIES (20.4° MIN.)

R/W VARIES (25.6° MIN.)

A circular professional engineer license seal. The outer ring contains the words "PROFESSIONAL ENGINEER" at the top and "FLORIDA" at the bottom. The inner circle features a star at the top left, the name "JUSTIN BRENT O'DONNELL" in the upper half, and "LIC #55899" in the lower half. There is also a signature of "O'Donnell" over "Florida" in the center.

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SAT-0013-0005  
May 30, 2013



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\* VARIES FROM 0.02 TO 0.04  
\*\* VARIES FROM 0.02 TO 0.03

#### NOTES

1. CLEAR ZONE WIDTH IS 6'.
  2. DESIGN CLEAR ZONE DOES NOT APPLY TO CLEAR ZONE WILMS PUP WORK ZONES.
  3. ALL PERMANENT GRASS AREAS TO RECEIVE A 6' FINISH SOIL LAYER.

#### **GUARDRAIL TYPICAL**

#### **TRAFFIC DATA**

CURRENT YEAR = 2012 AADT = 510  
 ESTIMATED OPENING YEAR = 2015 AADT = 550  
 ESTIMATED DESIGN YEAR = 2035 AADT = 650  
 $K = 9.68\% \quad \alpha = 54.19\% \quad T = 5.48\% \text{ (24 HOUR)}$   
 DESIGN SPEED = 30 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AND AT END STA. 89+00,00  
**VOLKERT**  
Certificate of Authorization No. 454-  
John S. O'Donnell, PII 65899  
2800 Wabash Road      Noblesville, Indiana

STATE OF FLORIDA

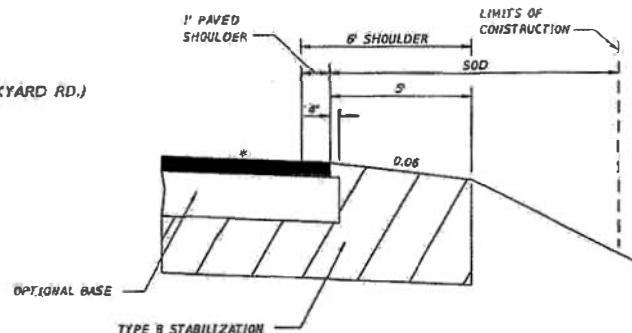
DEPARTMENT OF TRANSPORTATION

AP-AP COUNTY FINANCIAL PRO

**DISCLOSURE** **100%** **2000** **2001**

**CKYARD**      **ESCANBIA**      **422897-43**

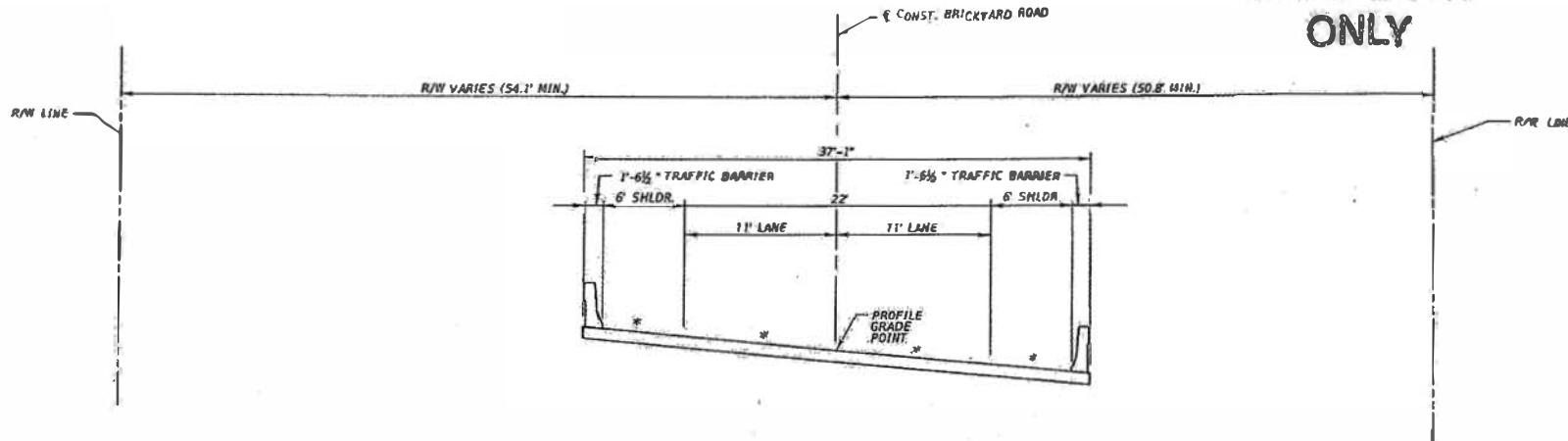
## **SHOULDER PAVEMENT DETAIL**



#### **FIGURE 15. SECTION**

SHEET  
NO.

**PERMITTING  
PURPOSES  
ONLY**



TYPICAL SECTION  
BRIDGE NO. 484241 OVER UNNAMED BRANCH  
(SEE BRIDGE PLANS FOR FURTHER DETAILS)

\* VARIES FROM 0.02 TO 0.048

STA. 84+12.50 TO STA. 84+36.99 @ SURVEY BRICKYARD RD.  
AND STA. 1084+36.99 TO STA. 1085+27.50 @ CONST. BRICKYARD RD.

DESIGN SPEED 30 MPH

APPROACH SLABS  
STA. 84+12.50 TO STA. 84+32.50  
STA. 1085+07.50 TO STA. 1085+27.50  
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1 3/4")

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REVISONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
BRICKYARD	ESCAMBIA	422897-I-52-01

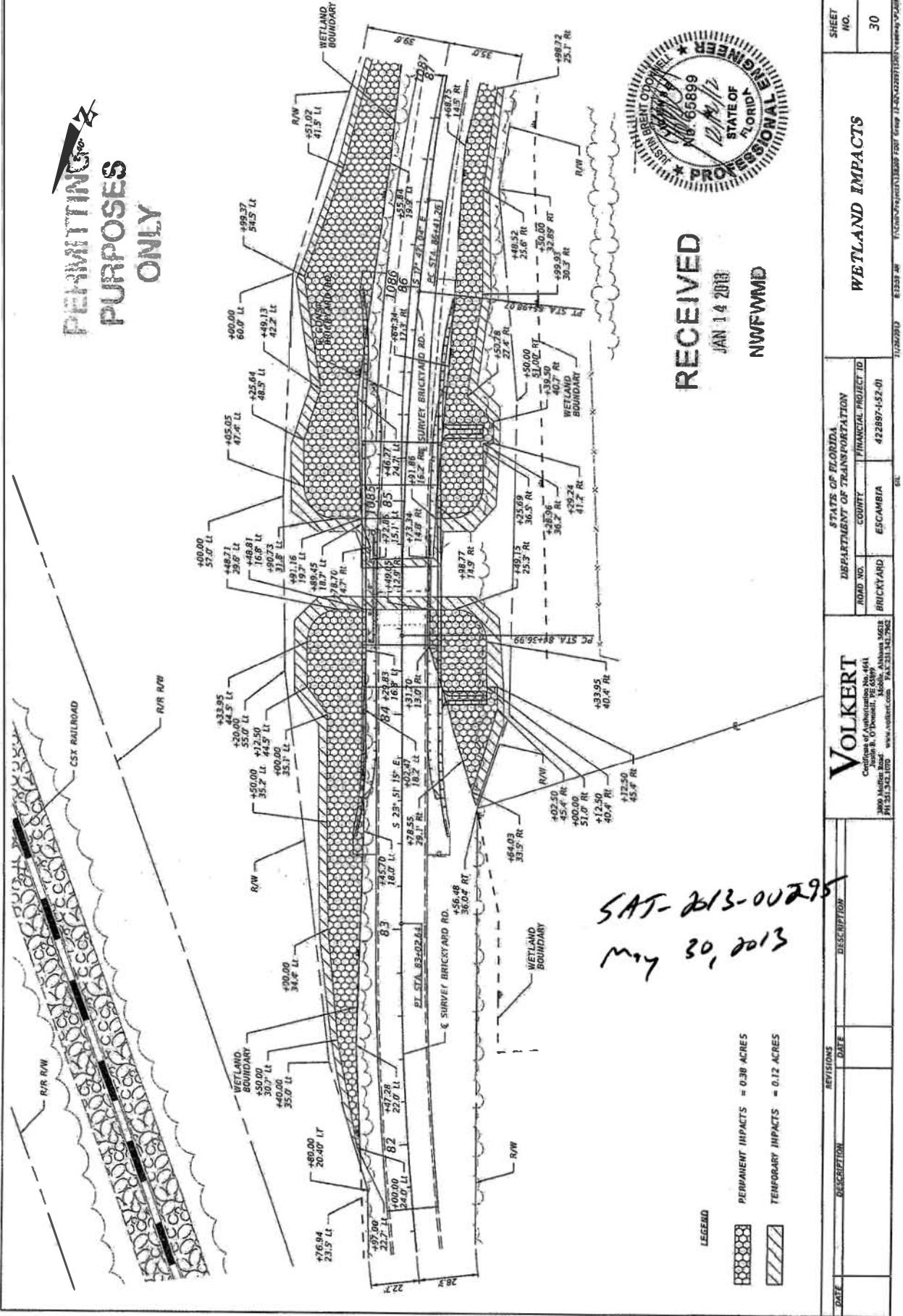
TYPICAL SECTION

SHEET NO.
4

56700-5102-1615  
5102-05 b-11

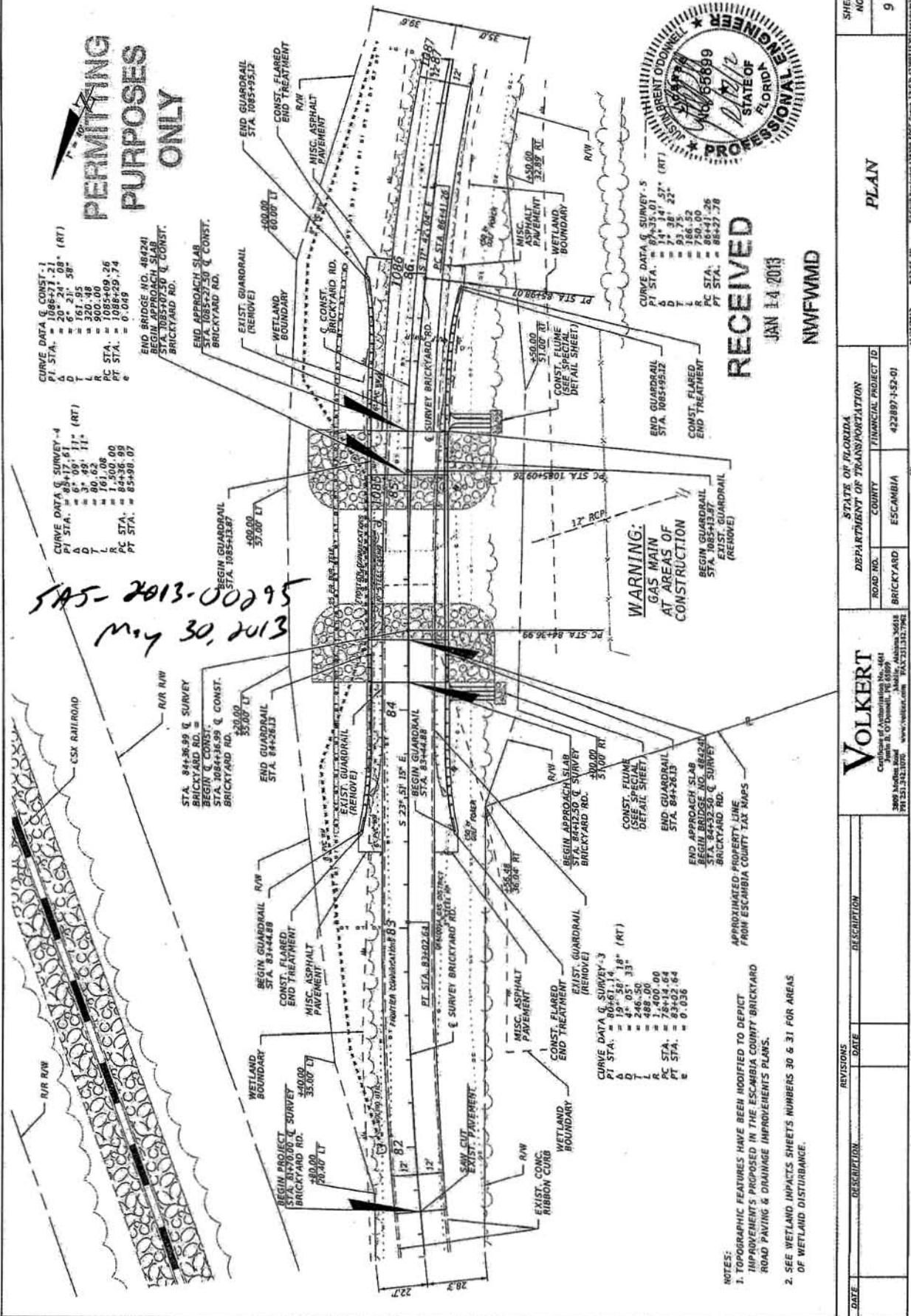
purely  
permitted

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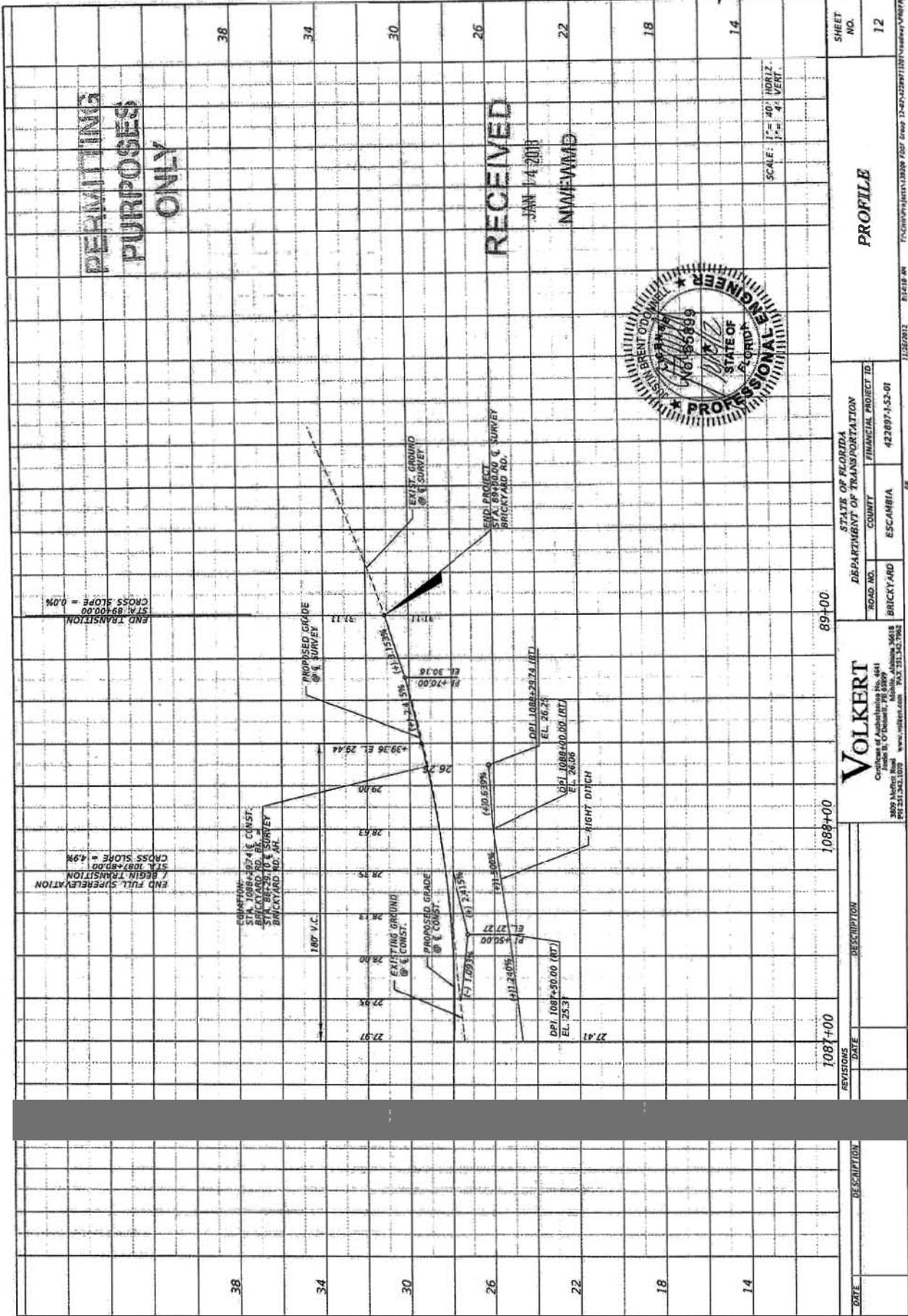




SAT-2013-00295 May 30, 2013

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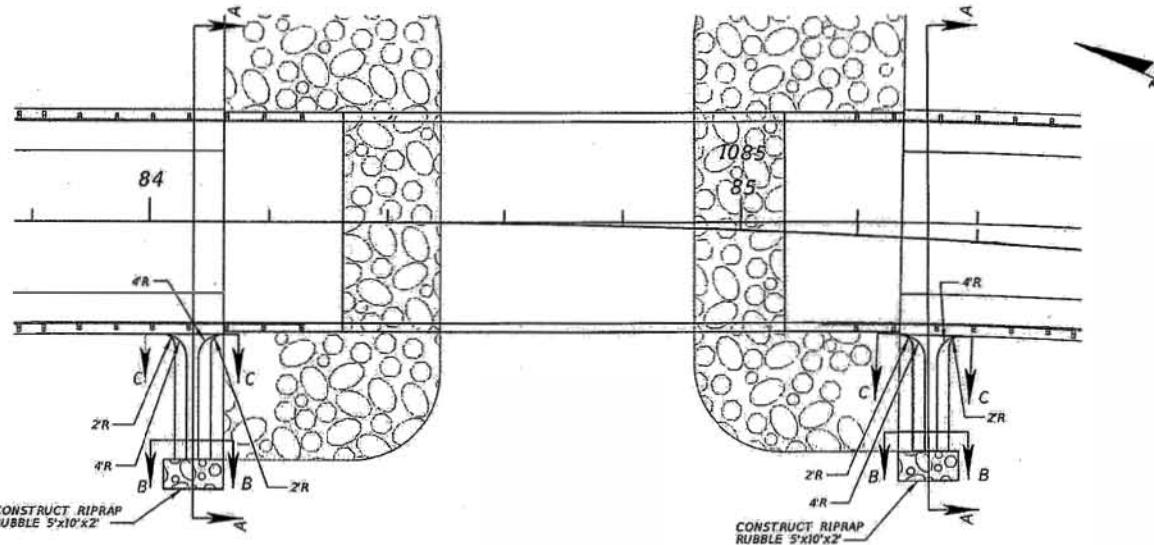
11287-0912 8500 AN F:\\CHIPS\\PROJECTS\\13295 FOR Group 12-2013\\2299\\119\\2537.dwg

68

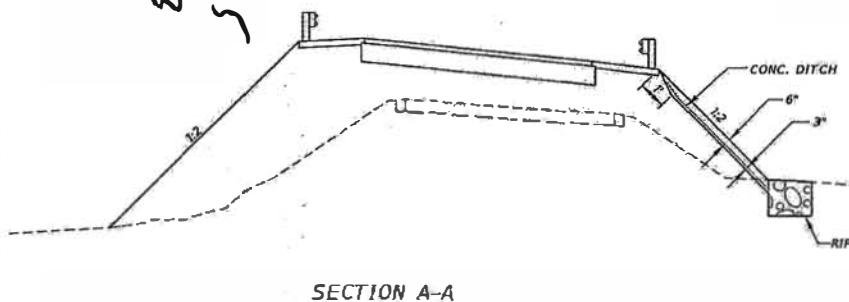
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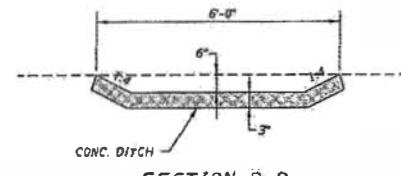
1/10/13 - 1/10/13 5  
56P000 - 56P000



FLUME DETAIL



SECTION A-A



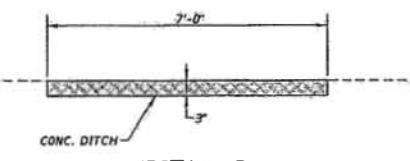
SECTION B-B



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SECTION C-C

NOTE: NOT TO SCALE

REVISIONS				VOLKERT	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
				Volkert Inc. 3809 Wadsworth Blvd., Suite 100 Bronx, NY 10461 Phone: 212.341.3676 Fax: 212.347.7962	BRICKYARD	ESCRAMBIA	422897-1-52-01	11/16/2012 8/14/13 AM	T:\CH\Projects\J38200\FOOT Group 12-92\22887\510\Roadway\SPDTAB01.DWG

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