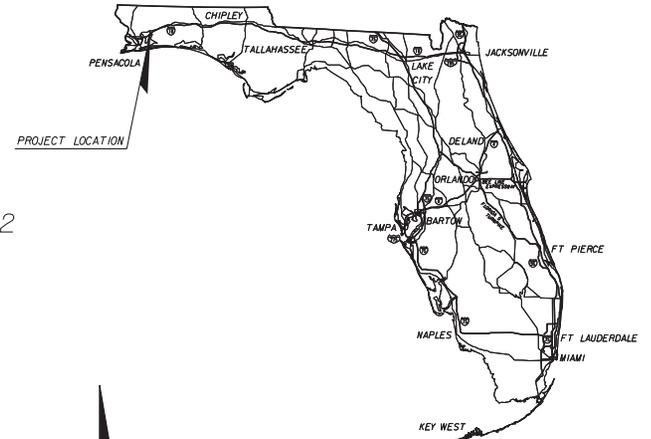


**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

CONCEPT PLANS

FINANCIAL PROJECT ID 416748-3-22-01,
416748-3-22-02, 416748-4-22-01, 416748-4-22-02

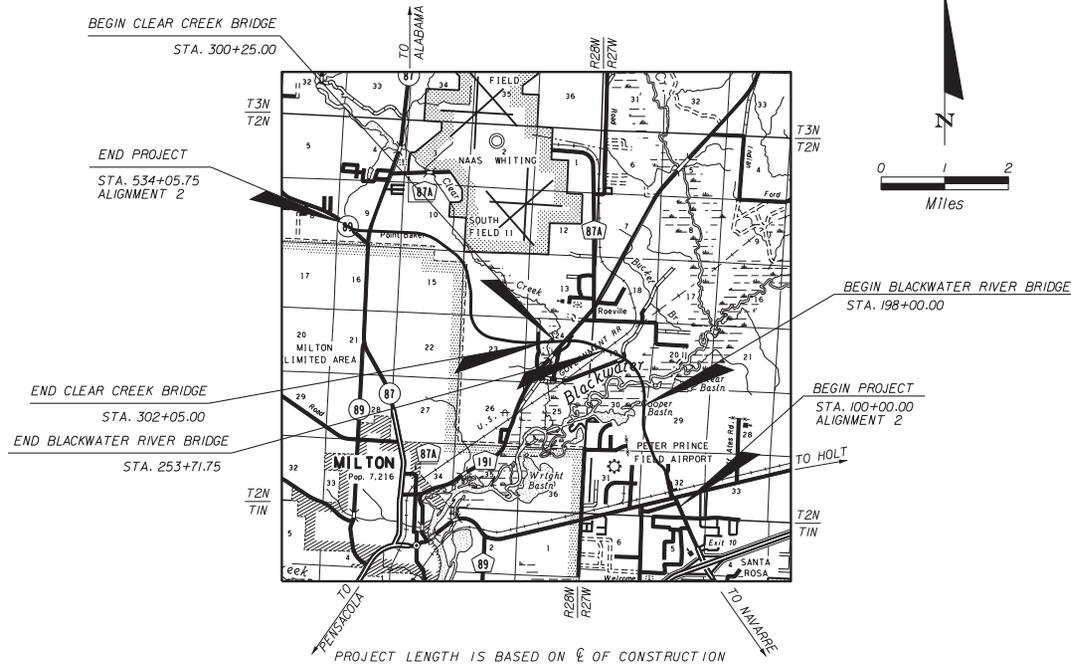
SANTA ROSA COUNTY
STATE ROAD NO. 87 CONNECTOR
ALIGNMENT 2



INDEX OF CONCEPT PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2-6	TYPICAL SECTION SHEETS
7-8	PROJECT LAYOUT
9-45	PLAN SHEETS
46-53	PROFILE SHEETS
54-57	TRANSITION LAYOUTS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2002/2003,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2004,
AS AMENDED BY CONTRACT DOCUMENTS.



PLANS PREPARED BY:
METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
PHONE: (850) 872-8044
FAX: (850)-872-8704
CONTRACT NO. C-8073
VENDER NO. F-59-1685550
CERTIFICATE OF AUTHORIZATION NO. EB-0002294

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

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	37,654.00	7.13
BRIDGES	5,751.75	1.09
NET LENGTH OF PROJECT	43,405.75	8.22
EXCEPTIONS	NA	NA
GROSS LENGTH OF PROJECT	43,405.75	8.22

FDOT PROJECT MANAGER: PEGGY KELLEY

SR 87 FROM US 90 @ SR 87S TO SR 87N

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JESSICA BLOOMFIELD, P.E.

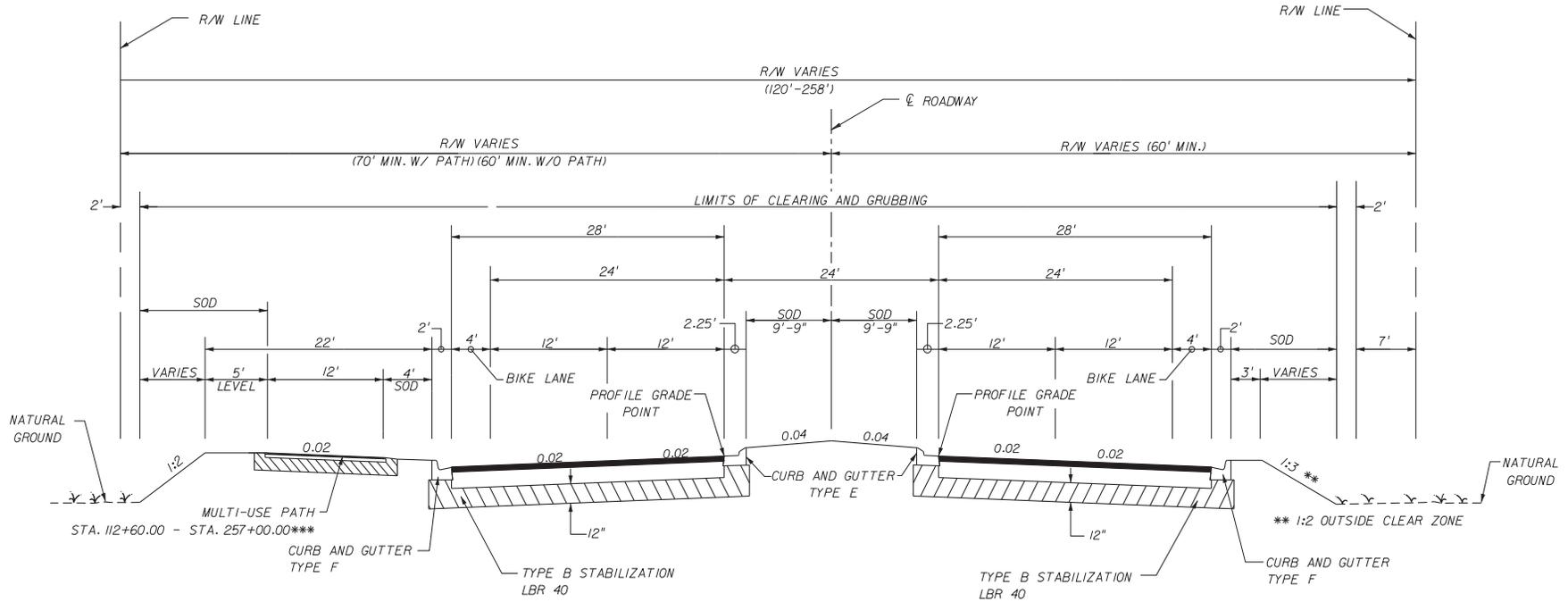
P.E. NO.: 66427

FISCAL YEAR	SHEET NO.
	1

URBAN TYPICAL SECTION PROPOSED BUILDOUT NTS.

BUILDOUT:
STA. 100+00 - STA. 253+71.75 (INCLUDES BLACKWATER RIVER BRIDGE)
STA. 483+25 - STA. 505+95

INTERIM:
STA. 100+00 - STA. 155+00
STA. 488+00 - STA. 505+95



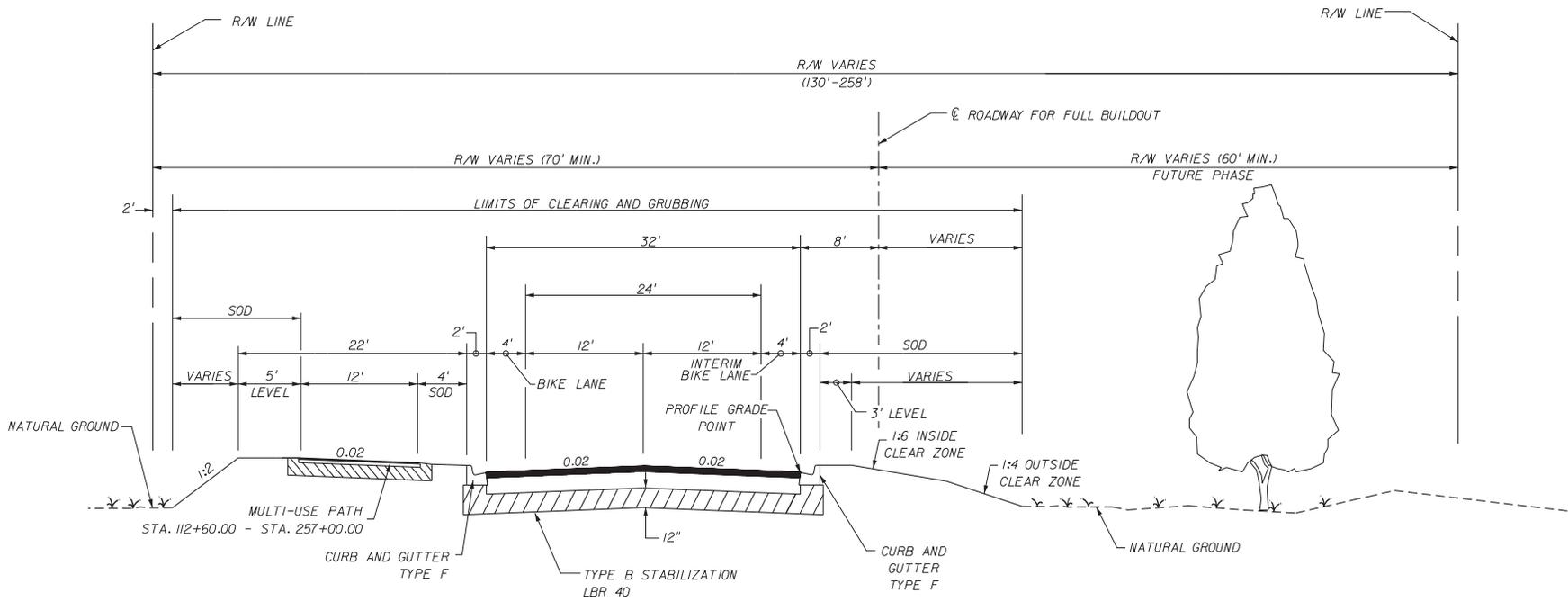
DESIGN SPEED = 45 MPH
CLEAR ZONE = 24'

*FOR AREAS WITHOUT THE MULTI-USE PATH,
THE LEFT SIDE WILL MIRROR THE RIGHT SIDE

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			

URBAN TYPICAL SECTION PROPOSED INTERIM NTS.

INTERIM: STA. 155+00 - STA. 253+71.75 (INCLUDES BLACKWATER RIVER BRIDGE)



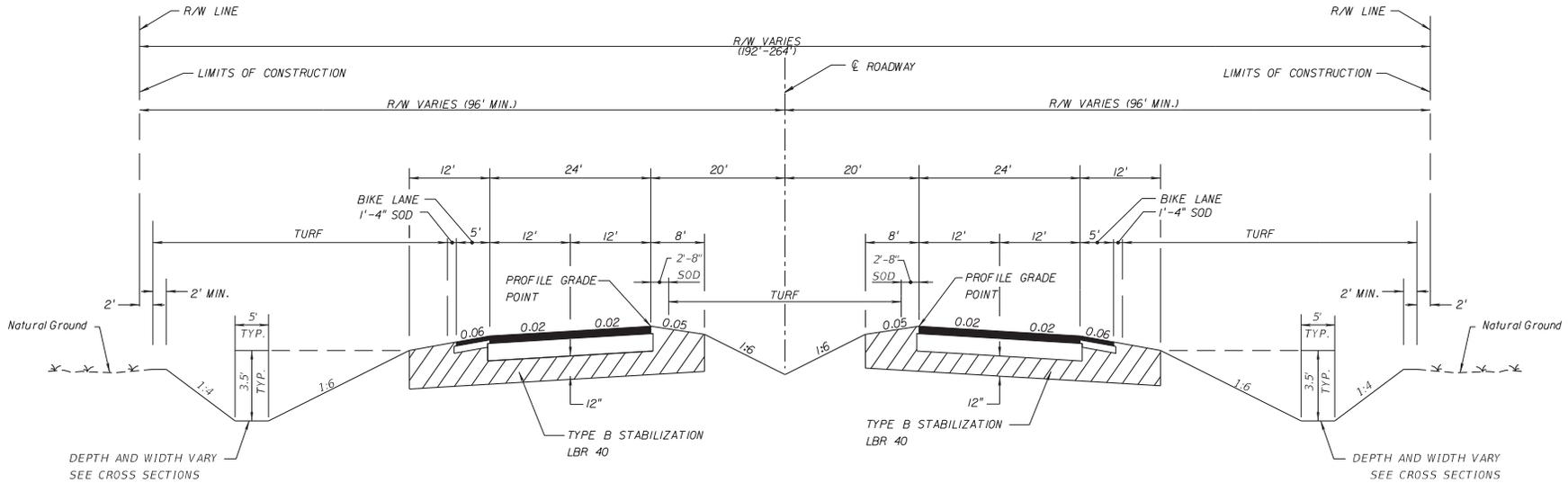
DESIGN SPEED = 45 MPH
CLEAR ZONE = 24'

*FOR AREAS WITHOUT THE MULTI-USE PATH,
THE LEFT SIDE WILL MIRROR THE RIGHT SIDE

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		

RURAL TYPICAL SECTION PROPOSED BUILDOUT NTS.

BUILDOUT: STA. 253+71.75 - STA. 483+25 (INCLUDES CLEAR CREEK BRIDGE)

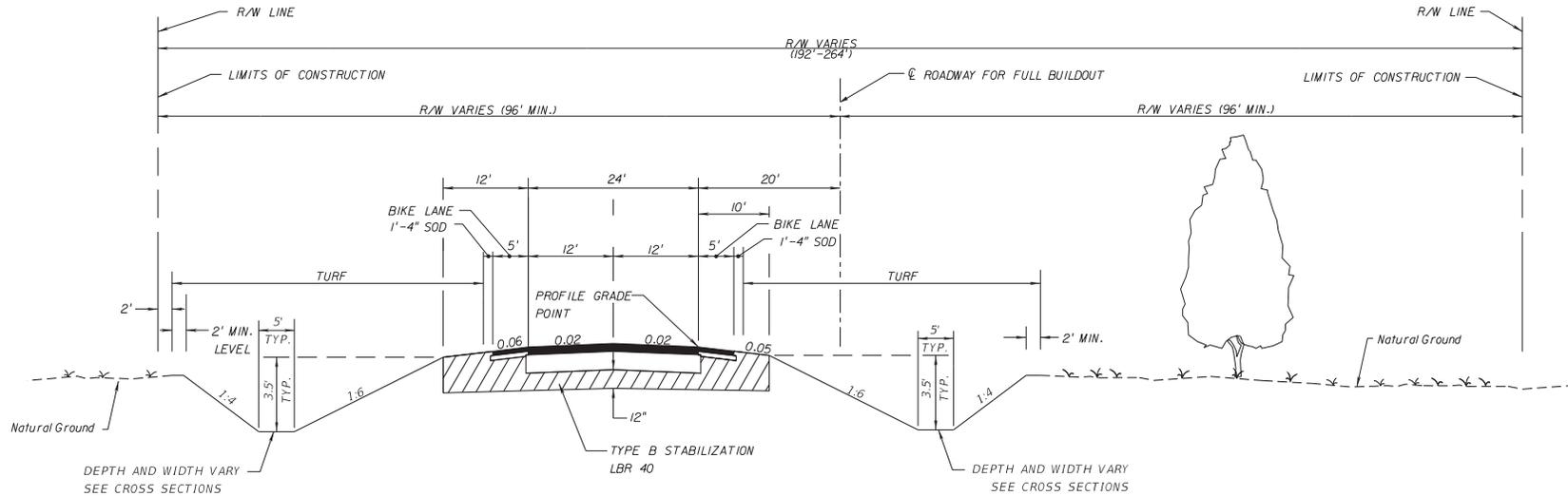


DESIGN SPEED = 65 MPH
CLEAR ZONE = 36'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		4
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			

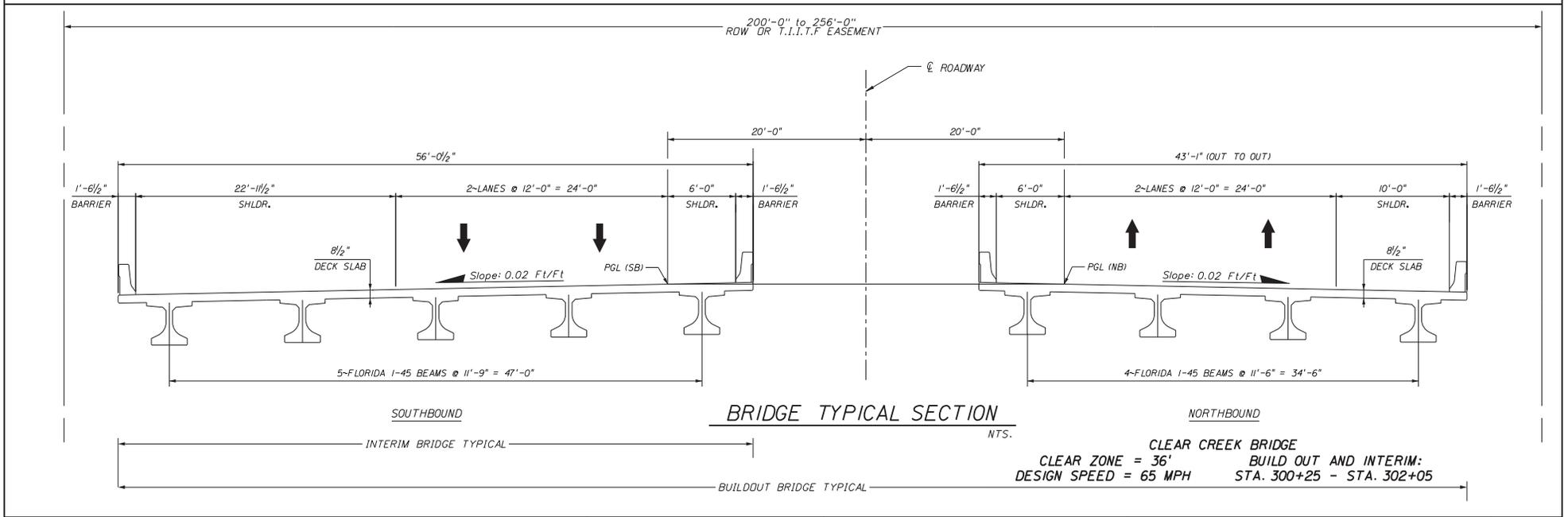
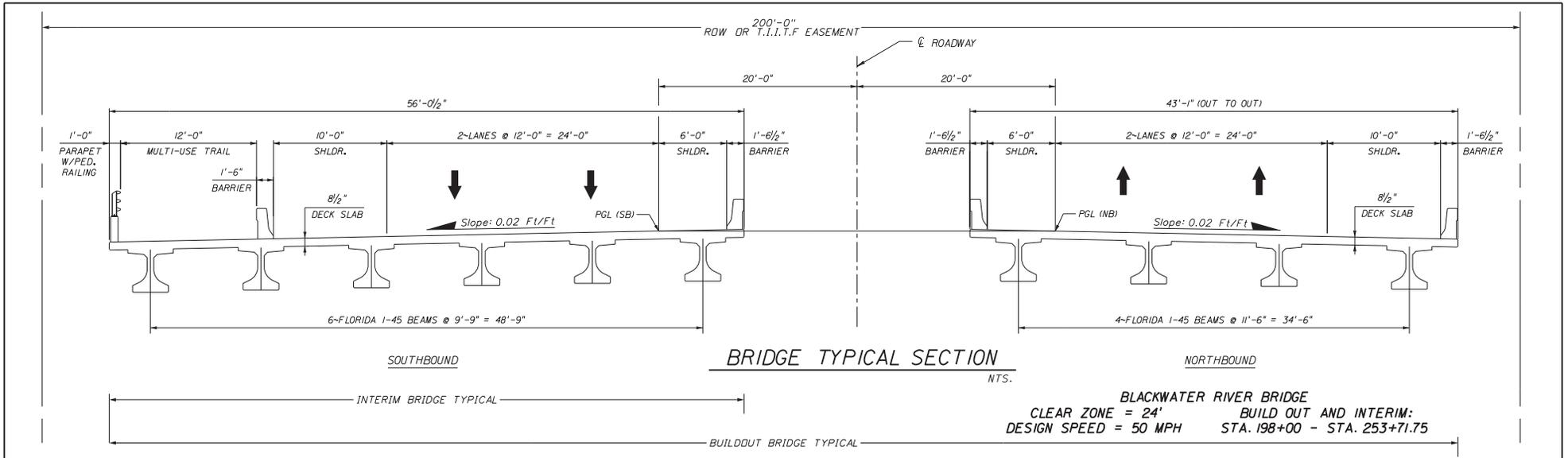
RURAL TYPICAL SECTION PROPOSED INTERIM NTS.

INTERIM: STA. 253+71.75 - STA. 488+00 (INCLUDES CLEAR CREEK BRIDGE)

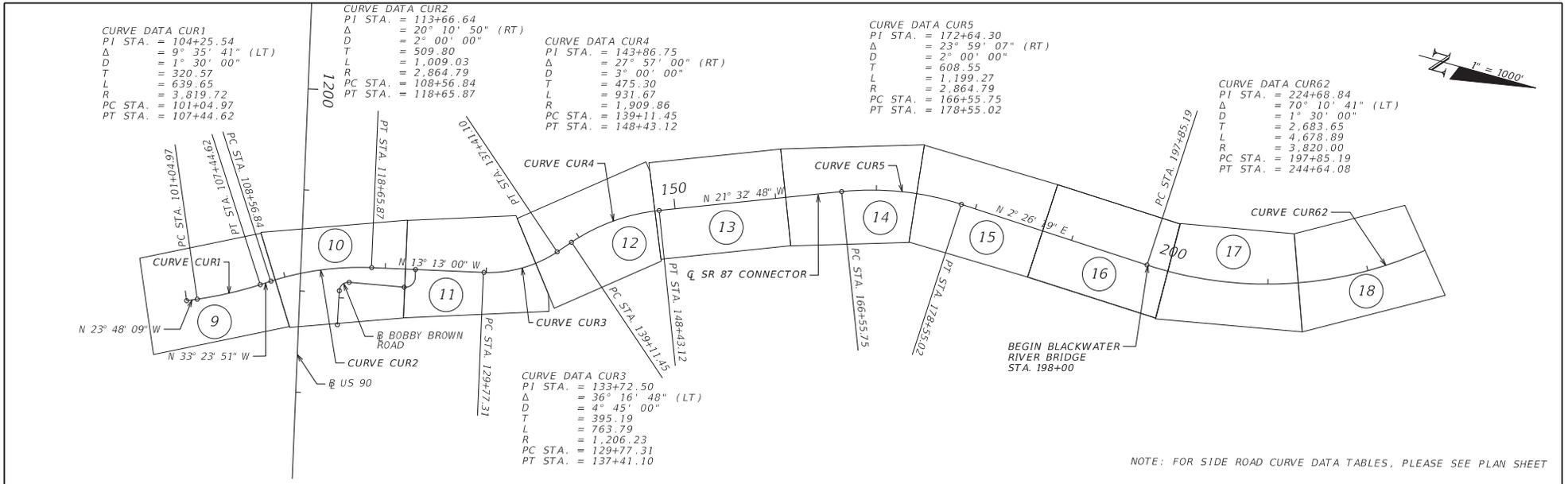


DESIGN SPEED = 65 MPH
CLEAR ZONE = 36'

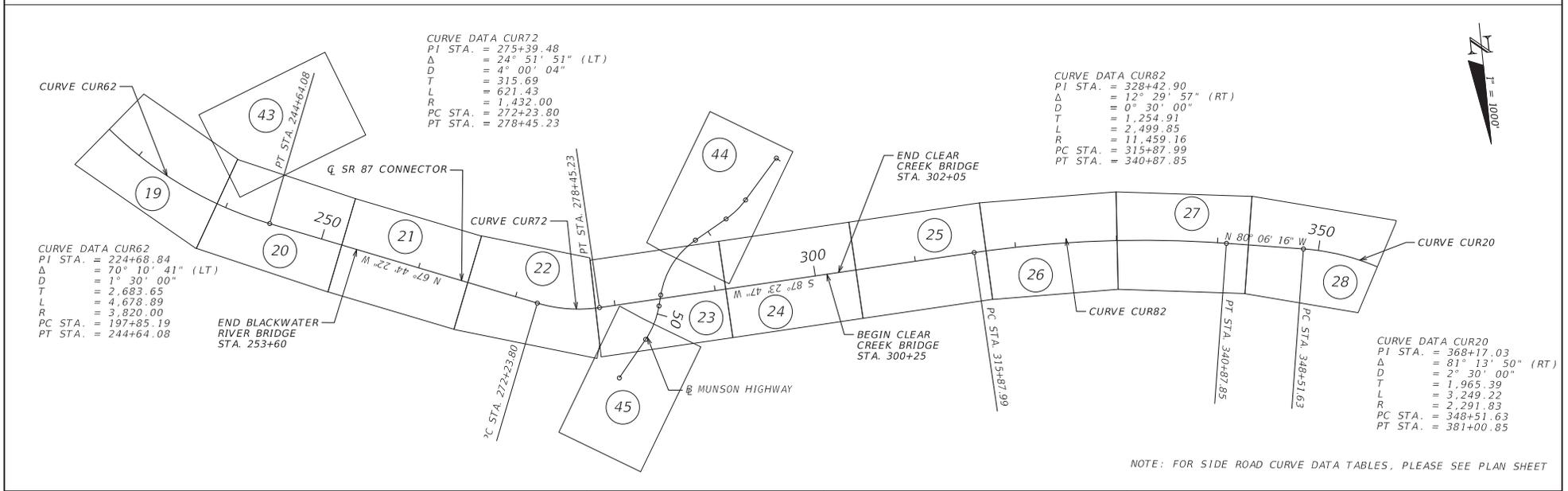
REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION SHEET ALIGNMENT 2	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		

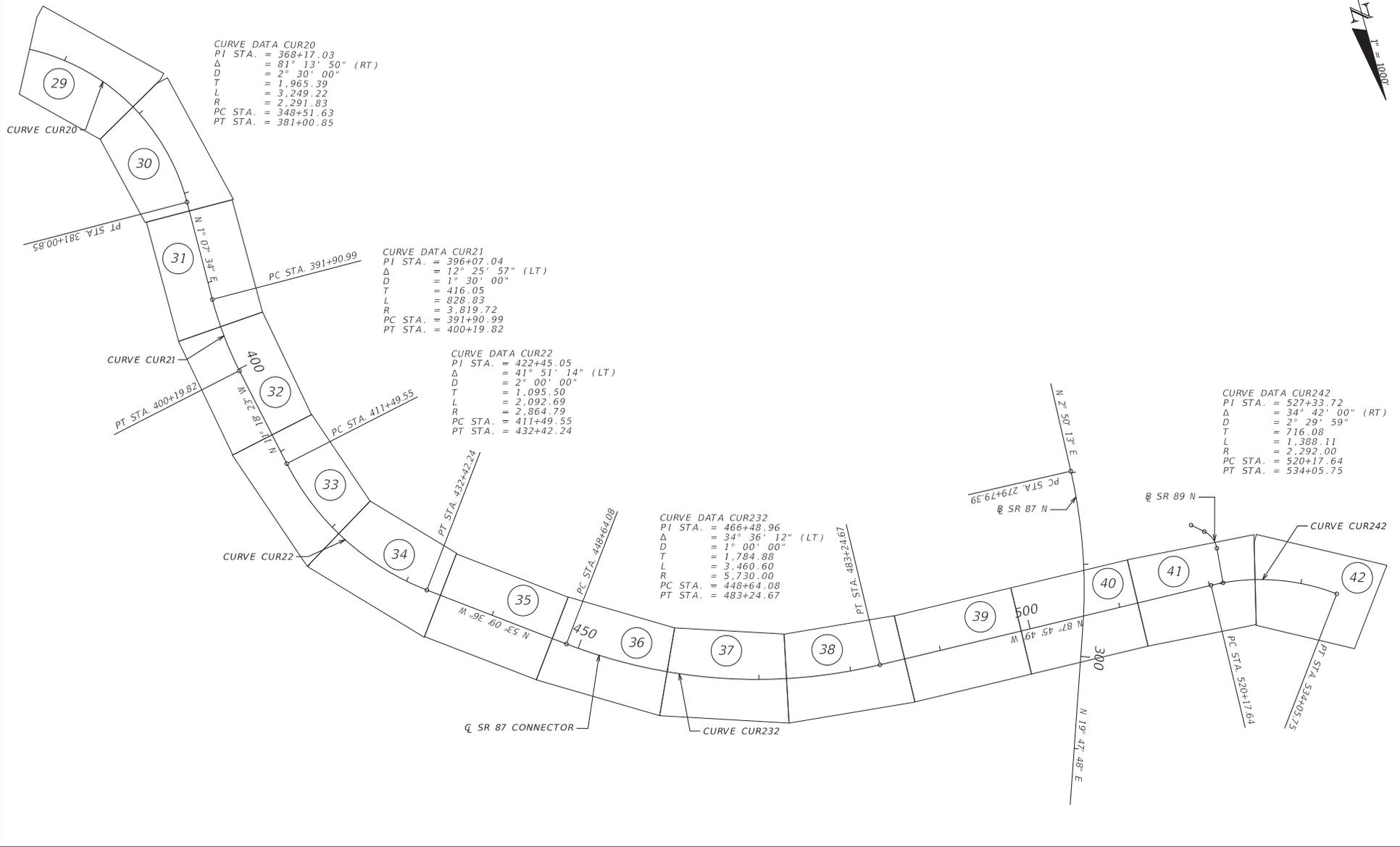


NOTE: FOR SIDE ROAD CURVE DATA TABLES, PLEASE SEE PLAN SHEET



NOTE: FOR SIDE ROAD CURVE DATA TABLES, PLEASE SEE PLAN SHEET

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT ALIGNMENT 2	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT ALIGNMENT 2	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



LEGEND

EXISTING RIGHT-OF-WAY ———

PROPOSED RIGHT-OF-WAY ———

EXISTING PROPERTY LINES ———

* APPLIES TO ALL PLAN SHEETS

CURVE DATA CUR1

PI STA. = 104+25.54

Δ = 9° 35' 41" (LT)

D = 1° 30' 00"

T = 320.57

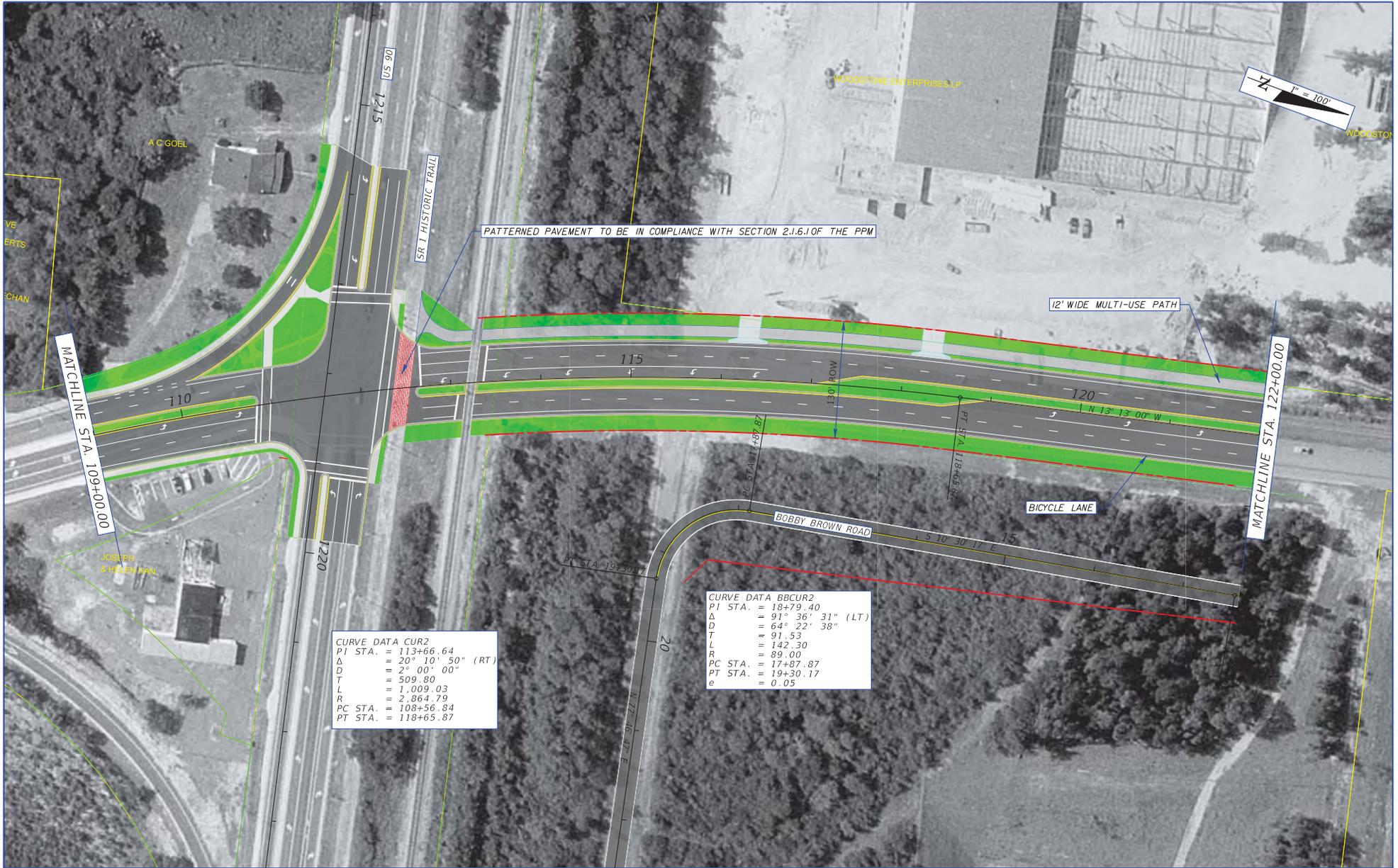
L = 639.65

R = 3,819.72

PC STA. = 101+04.97

PT STA. = 107+44.62

REVISIONS		REVISIONS		METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



PATTERNED PAVEMENT TO BE IN COMPLIANCE WITH SECTION 2.1.6.1 OF THE PPM

12' WIDE MULTI-USE PATH

BICYCLE LANE

CURVE DATA CUR2
 PI STA. = 113+66.64
 Δ = 20° 10' 50" (RT)
 D = 2° 00' 00"
 T = 509.80
 L = 1,009.03
 R = 2,864.79
 PC STA. = 108+56.84
 PT STA. = 118+65.87

CURVE DATA BBCUR2
 PI STA. = 18+79.40
 Δ = 91° 36' 31" (LT)
 D = 64° 22' 38"
 T = 91.53
 L = 142.30
 R = 89.00
 PC STA. = 17+07.87
 PT STA. = 19+30.17
 e = 0.05

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
10



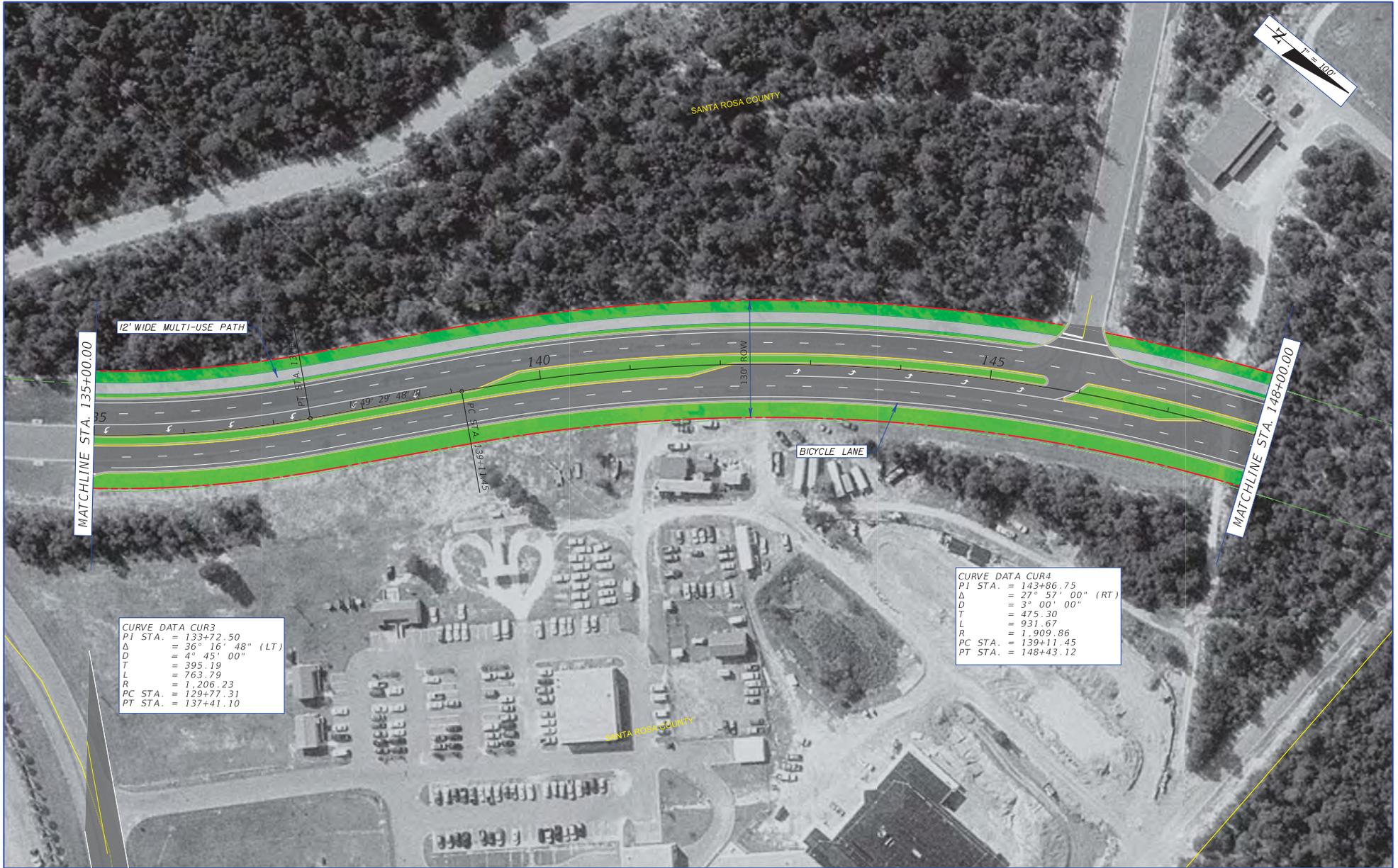
CURVE DATA BBCUR1

PI STA.	= 11+84.66
Δ	= 92° 42' 44" (RT)
D	= 57' 17' 45"
T	= 104.85
L	= 161.81
R	= 100.00
PC STA.	= 10+79.81
PT STA.	= 12+41.62
e	= NC

CURVE DATA CUR3

PI STA.	= 133+72.50
Δ	= 36° 16' 48" (LT)
D	= 4° 45' 00"
T	= 395.19
L	= 763.79
R	= 1,206.23
PC STA.	= 129+77.31
PT STA.	= 137+41.10

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

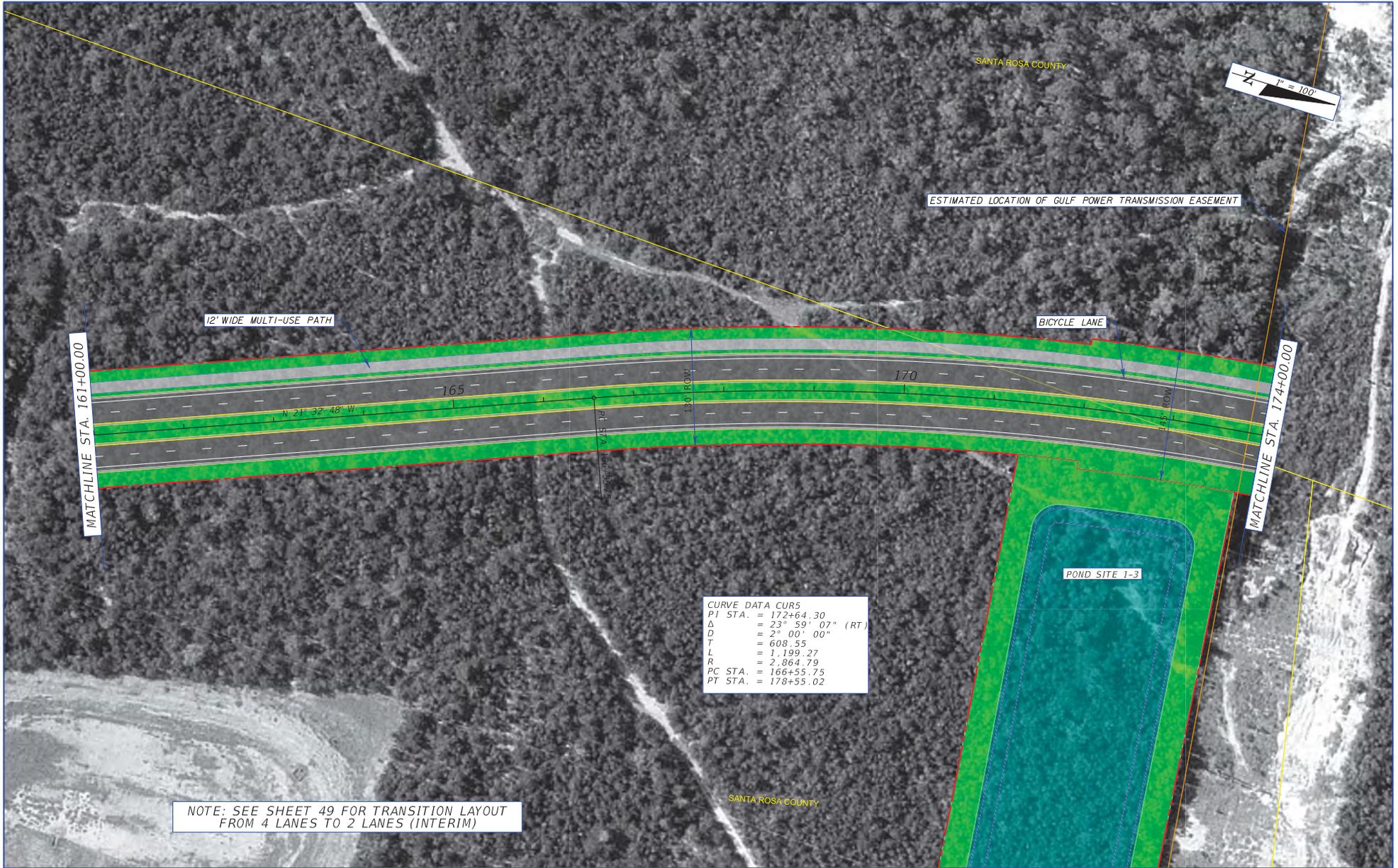
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416749-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
12



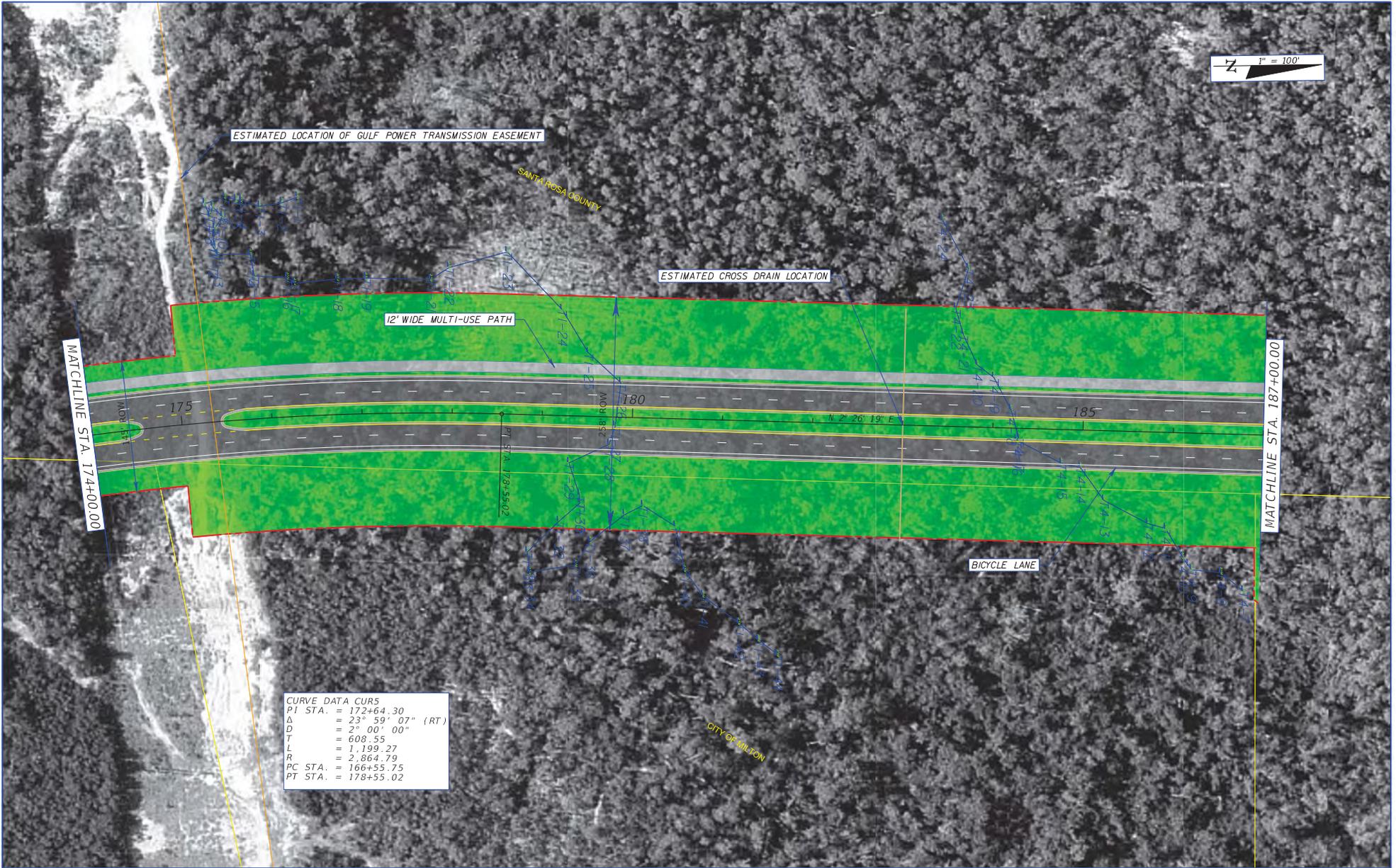
REVISIONS		DATE	DESCRIPTION	METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 13
DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CURS	
PI STA.	= 172+64.30
Δ	= 23° 59' 07" (RT)
D	= 2° 00' 00"
T	= 608.55
L	= 1,199.27
R	= 2,864.79
PC STA.	= 166+55.75
PT STA.	= 178+55.02

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			

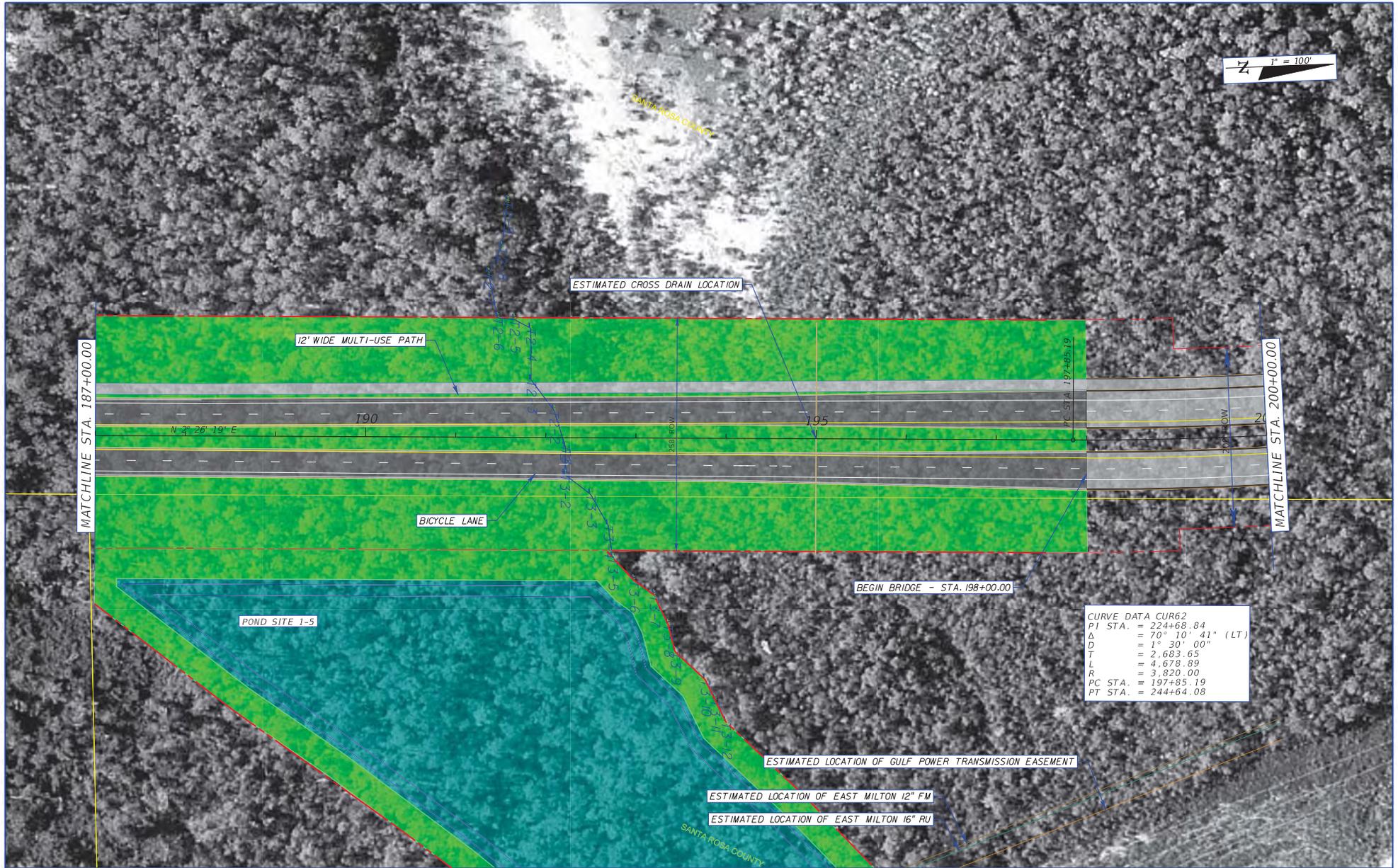
1" = 100'



CURVE DATA CUR5
 PI STA. = 172+64.30
 Δ = 23° 59' 07" (RT)
 D = 2° 00' 00"
 T = 608.55
 L = 1,199.27
 R = 2,864.79
 PC STA. = 166+55.75
 PT STA. = 178+55.02

REVISIONS		METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.		

1" = 100'



CURVE DATA CUR62
 PI STA. = 224+68.84
 Δ = 70° 10' 41" (LT)
 D = 1° 30' 00"
 T = 2,683.65
 L = 4,678.89
 R = 3,820.00
 PC STA. = 197+85.19
 PT STA. = 244+64.08

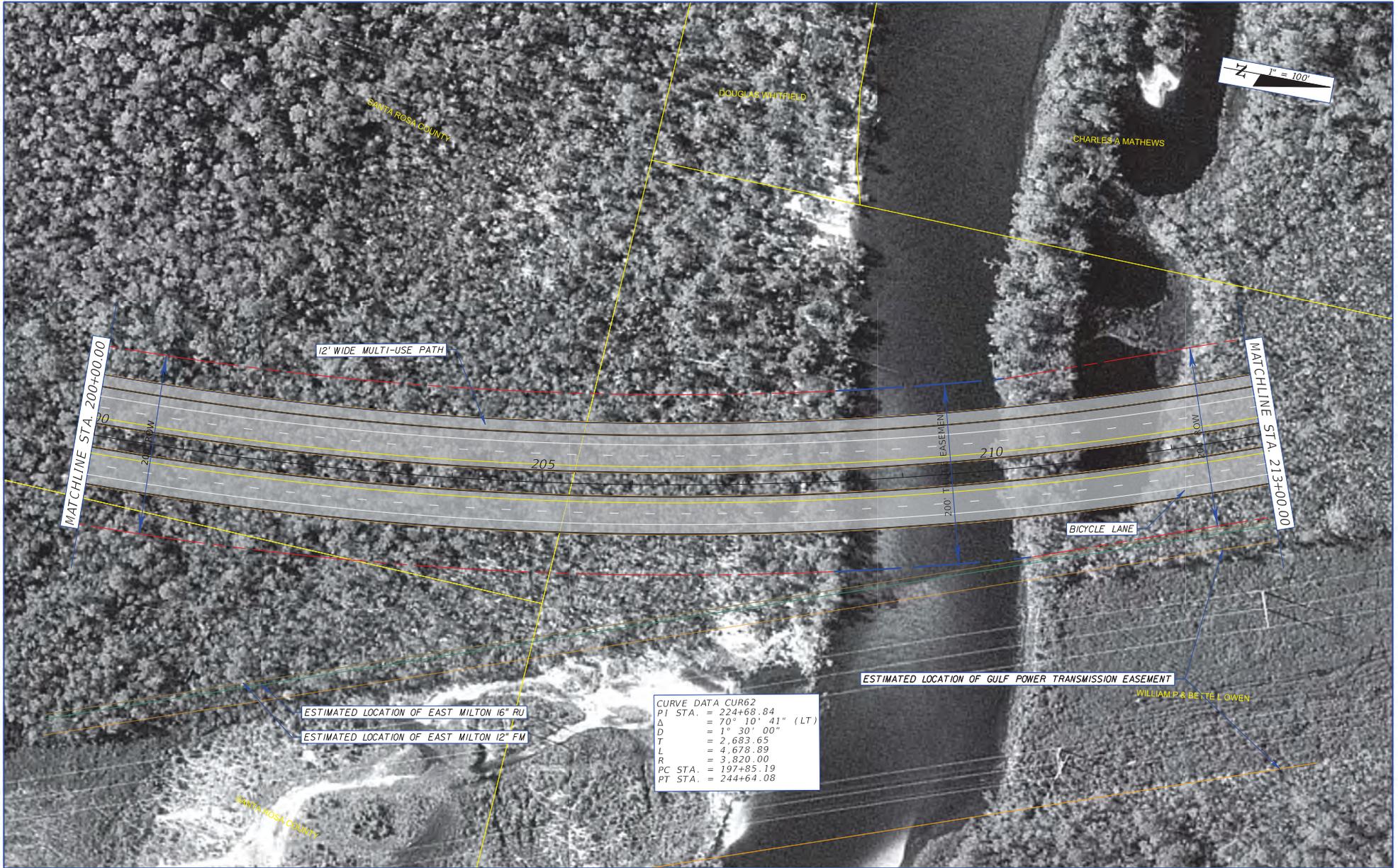
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

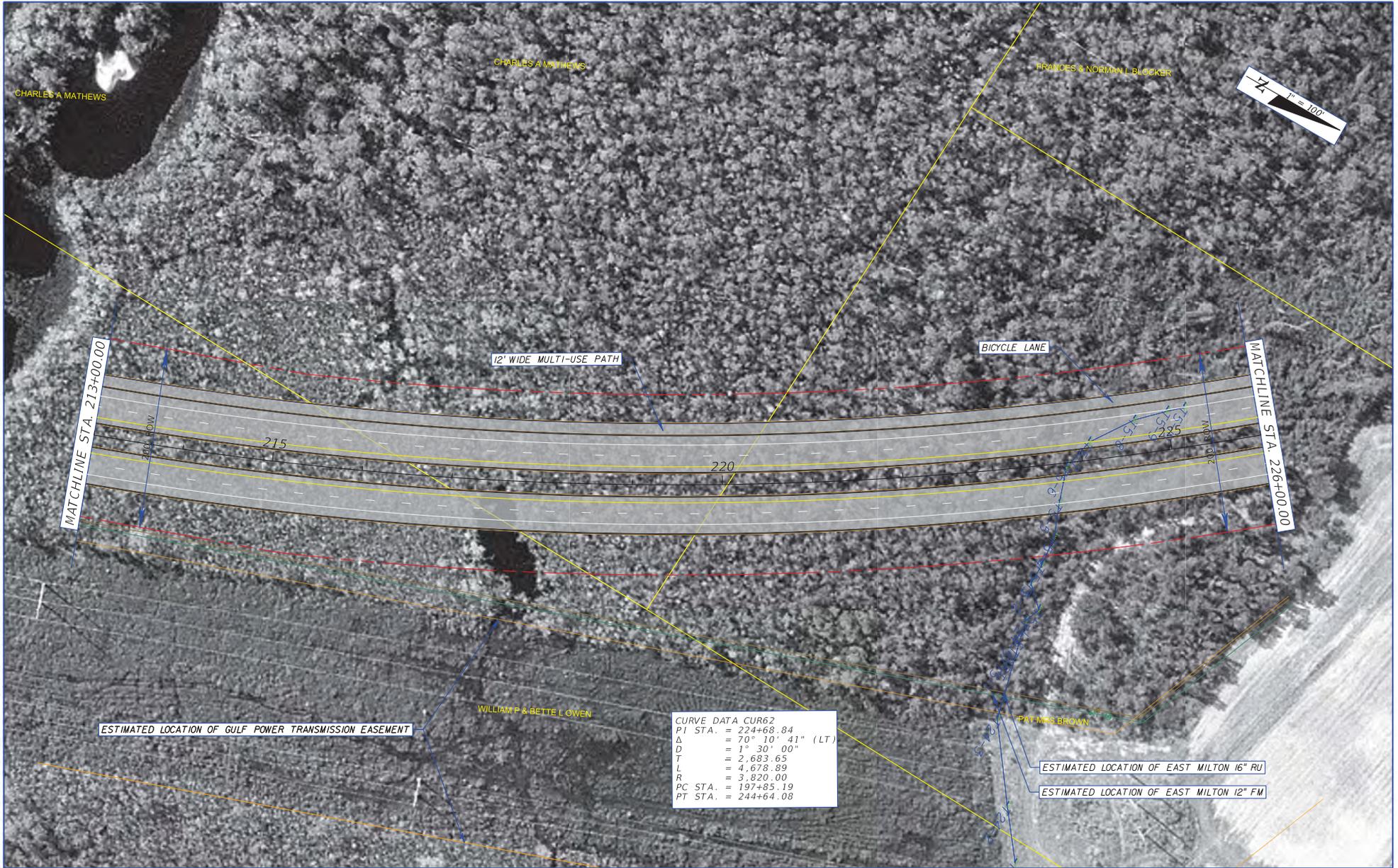
**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
16



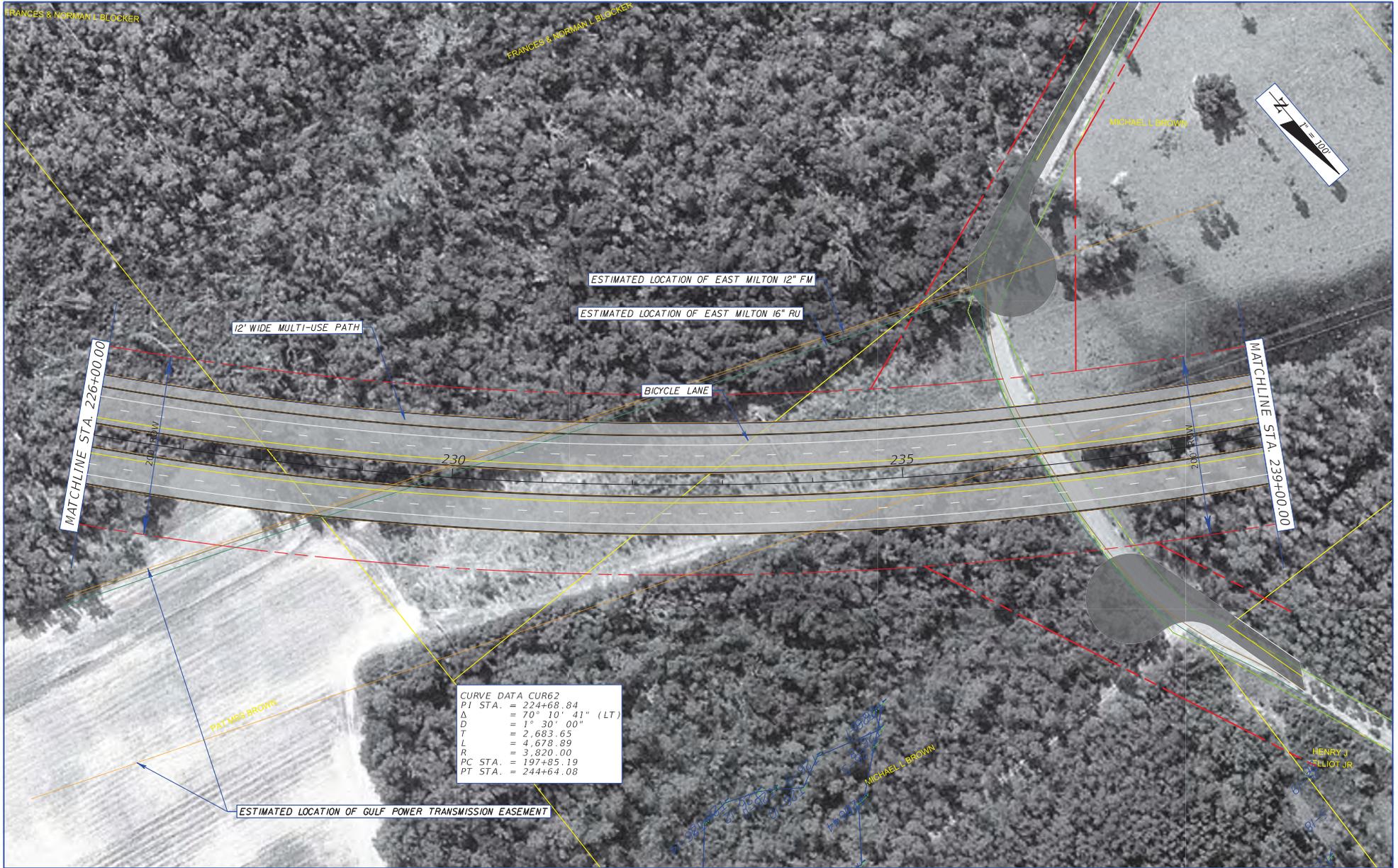
CURVE DATA CUR62
 PI STA. = 224+68.84
 Δ = 70° 10' 41" (LT)
 D = 1° 30' 00"
 T = 2,683.65
 L = 4,678.89
 R = 3,820.00
 PC STA. = 197+85.19
 PT STA. = 244+64.08

REVISIONS		DATE	DESCRIPTION	METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 17
DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416749-3-22-01, ETC.			



CURVE DATA CUR62
 PI STA. = 224+68.84
 Δ = 70° 10' 41" (LT)
 D = 1° 30' 00"
 T = 2,683.65
 L = 4,678.89
 R = 3,820.00
 PC STA. = 197+25.19
 PT STA. = 244+64.08

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416749-3-22-01, ETC.			



CURVE DATA CUR62
 PI STA. = 224+68.84
 Δ = 70° 10' 41" (LT)
 D = 1° 30' 00"
 T = 2,683.65
 L = 4,678.89
 R = 3,820.00
 PC STA. = 197+85.19
 PT STA. = 244+64.08

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR62
 PT STA. = 224+68.84
 Δ = 70° 10' 41" (LT)
 D = 1° 30' 00"
 T = 2,683.65
 L = 4,678.89
 R = 3,920.00
 PC STA. = 197+85.19
 PT STA. = 244+64.08

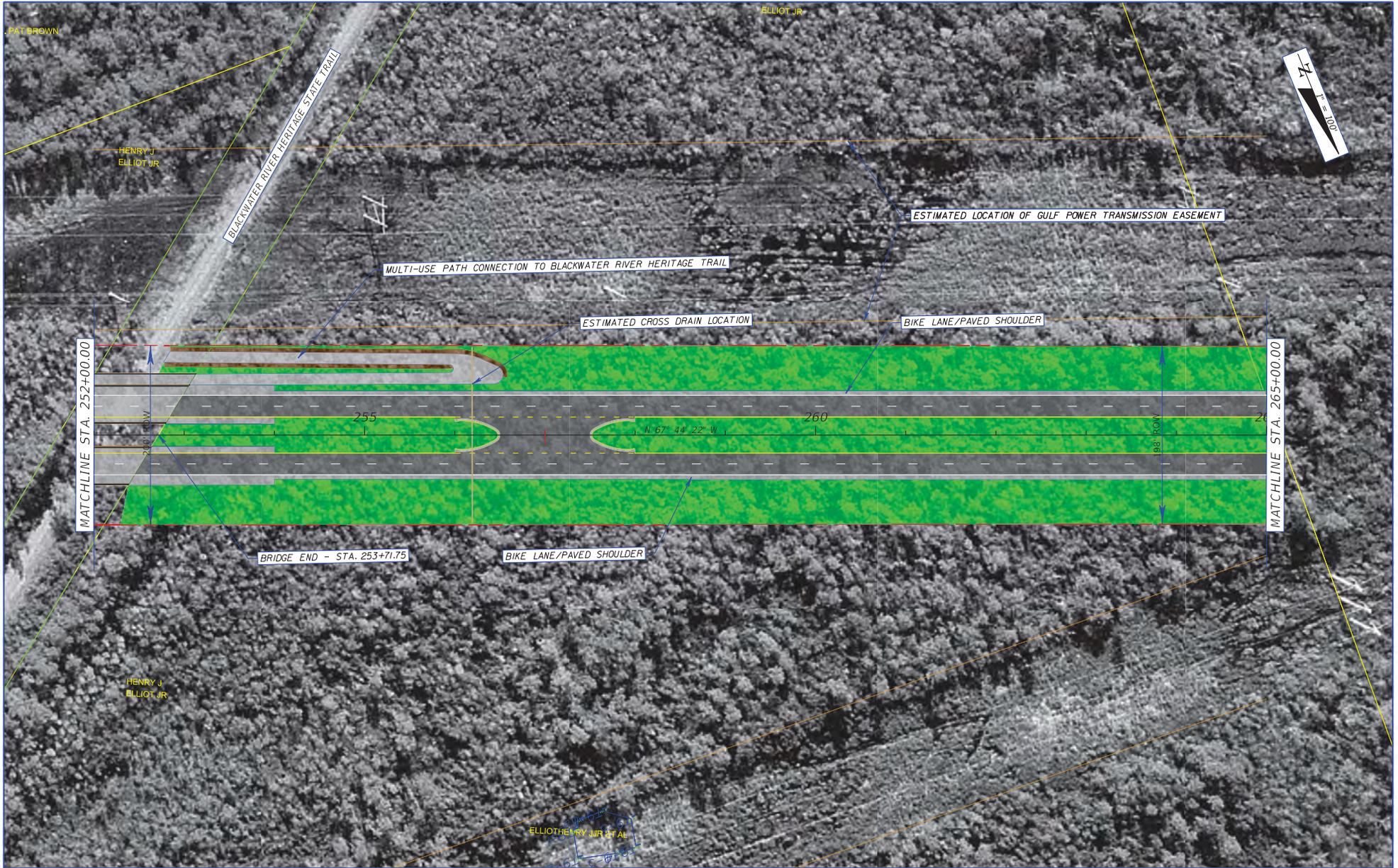
REVISIONS	
DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

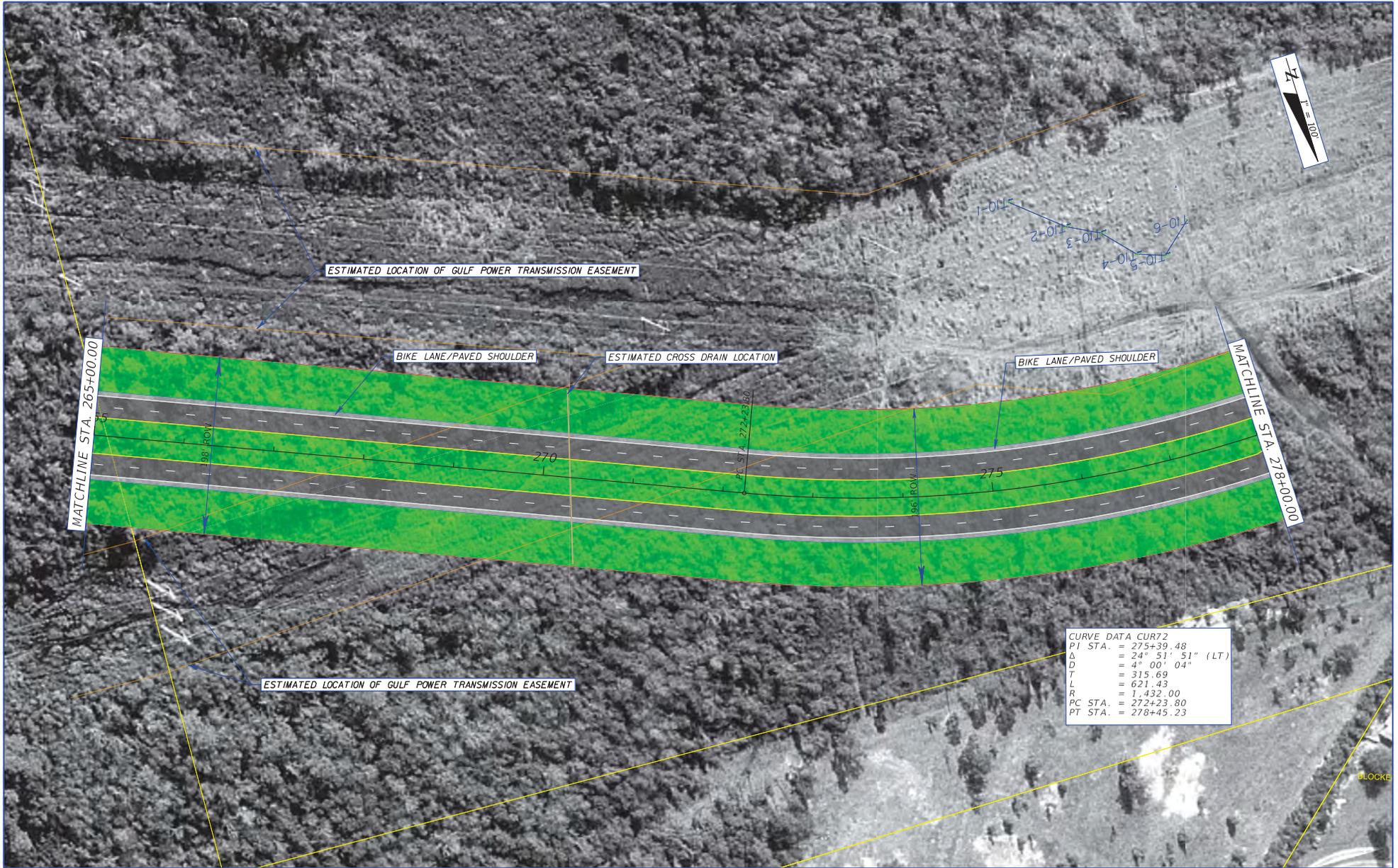
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
20

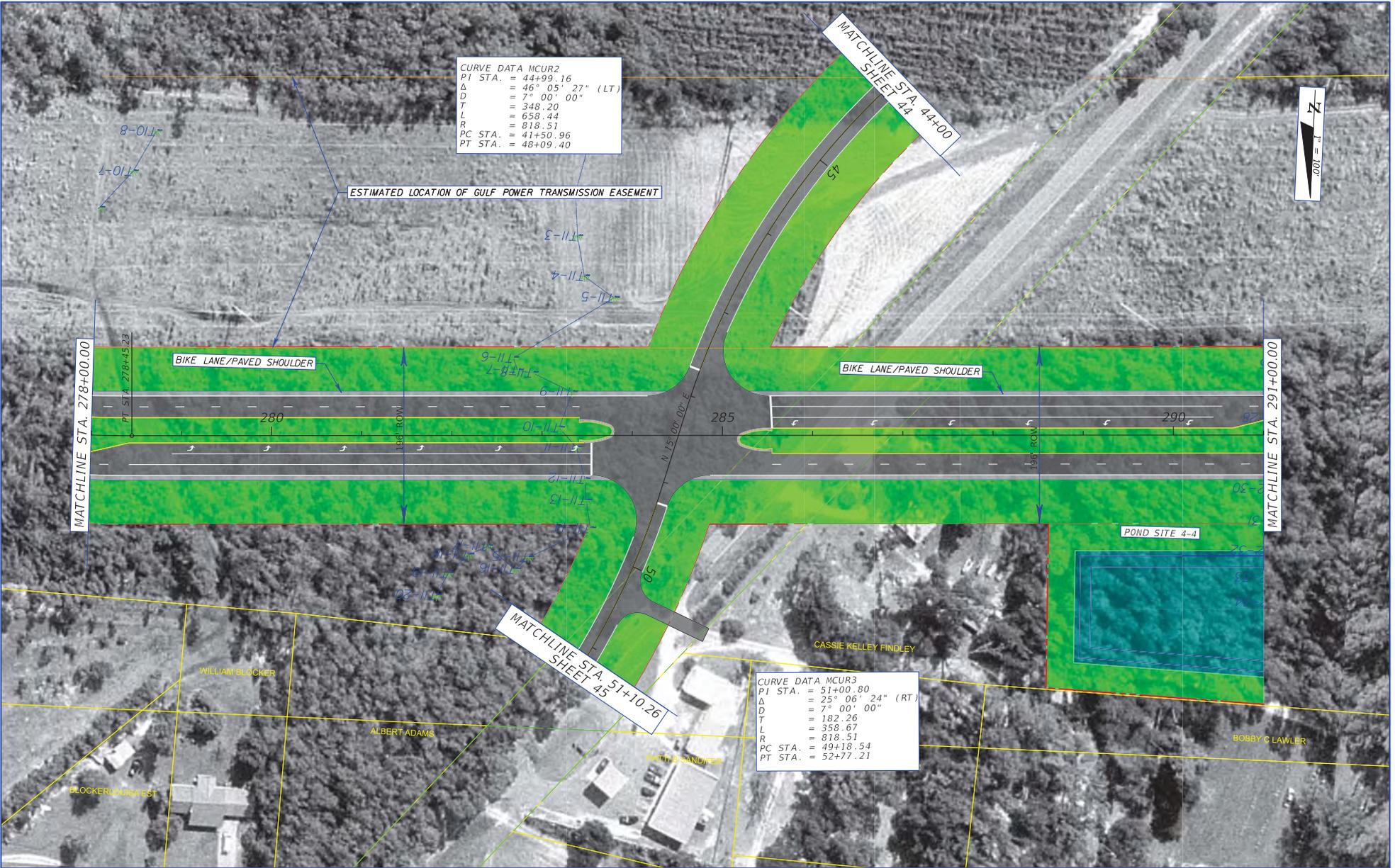


REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CURT2
 PI STA. = 275+39.48
 Δ = 24° 51' 51" (LT)
 D = 4° 00' 04"
 T = 315.69
 L = 621.43
 R = 1,432.00
 PC STA. = 272+23.80
 PT STA. = 278+45.23

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



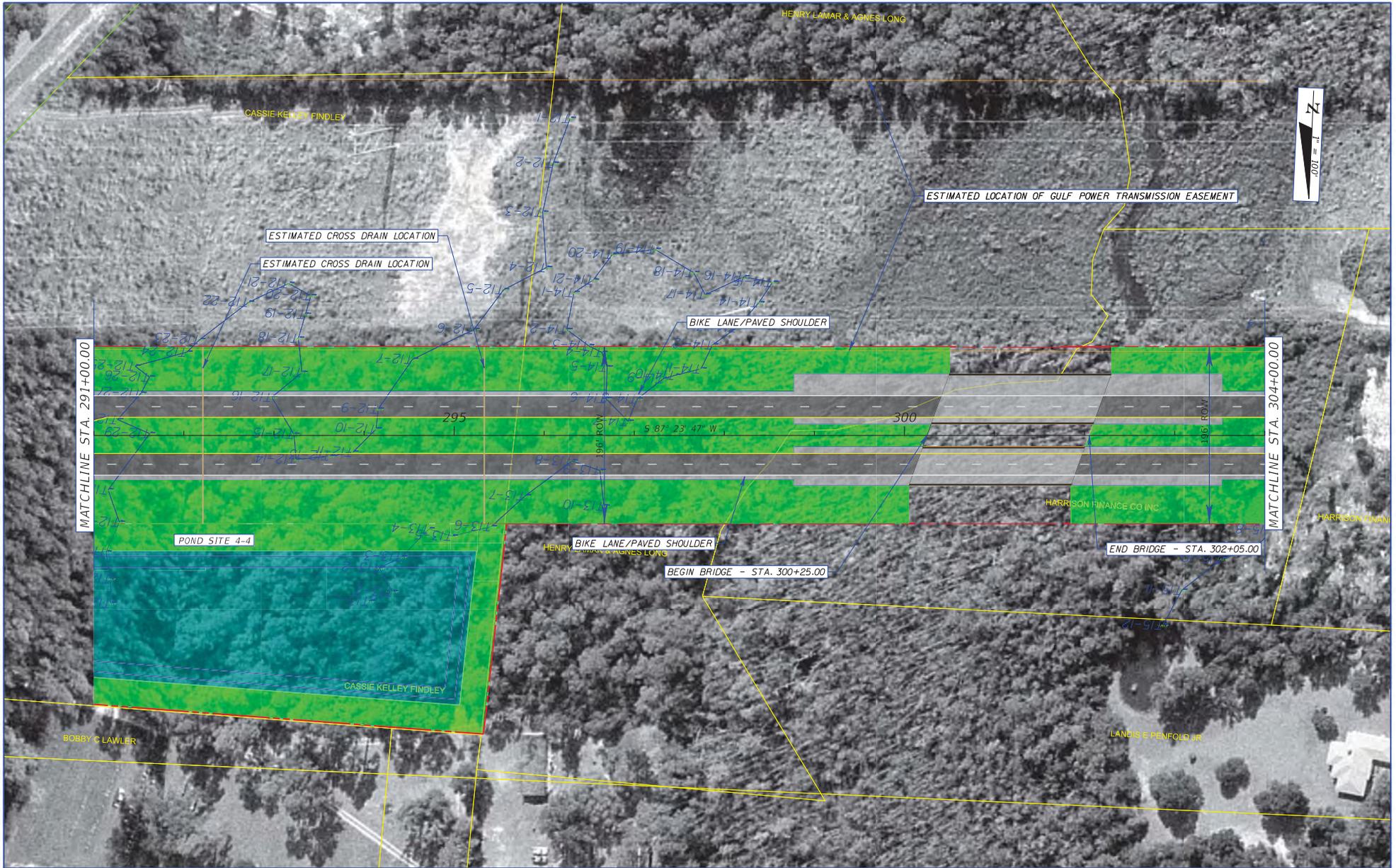
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
23



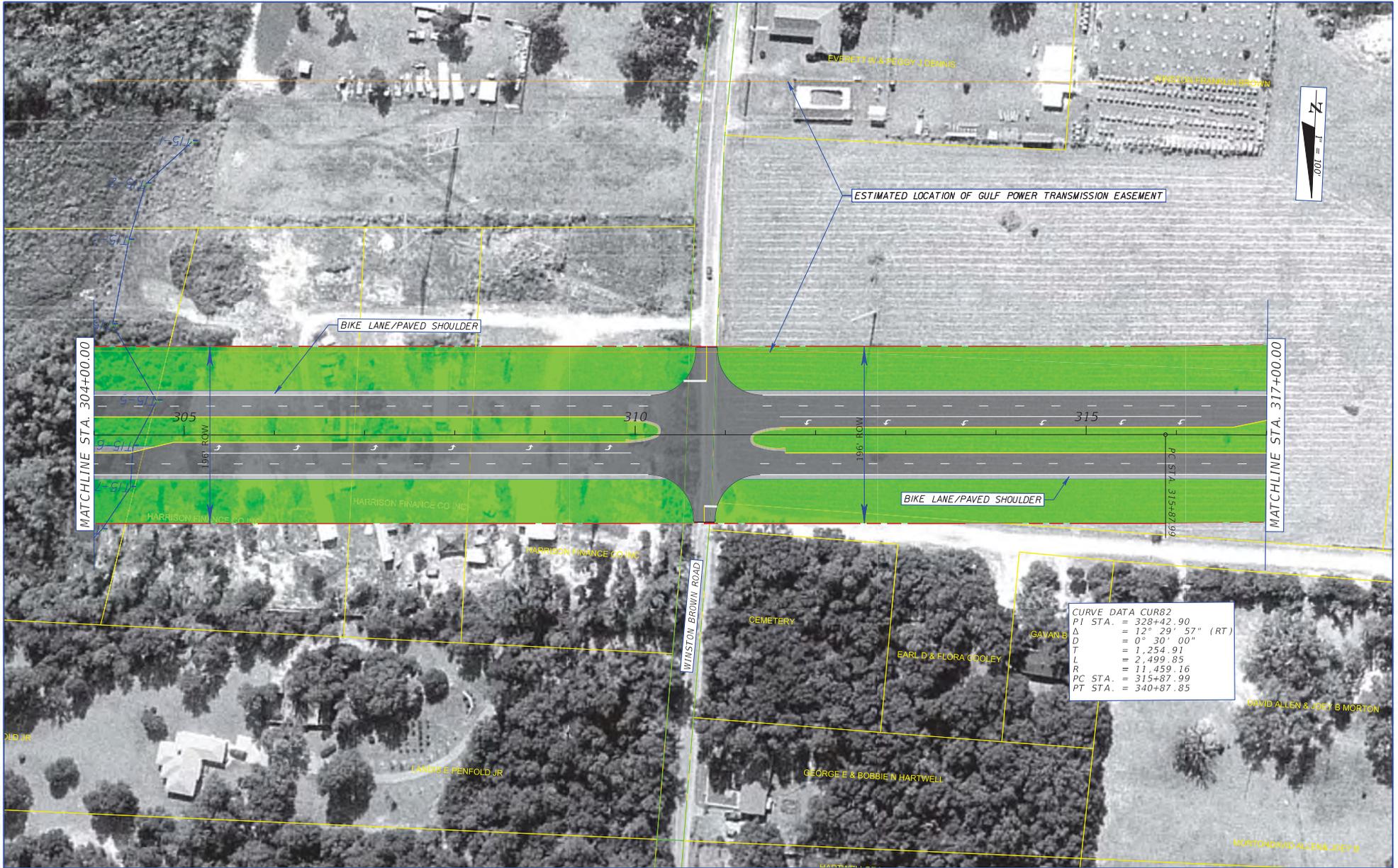
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

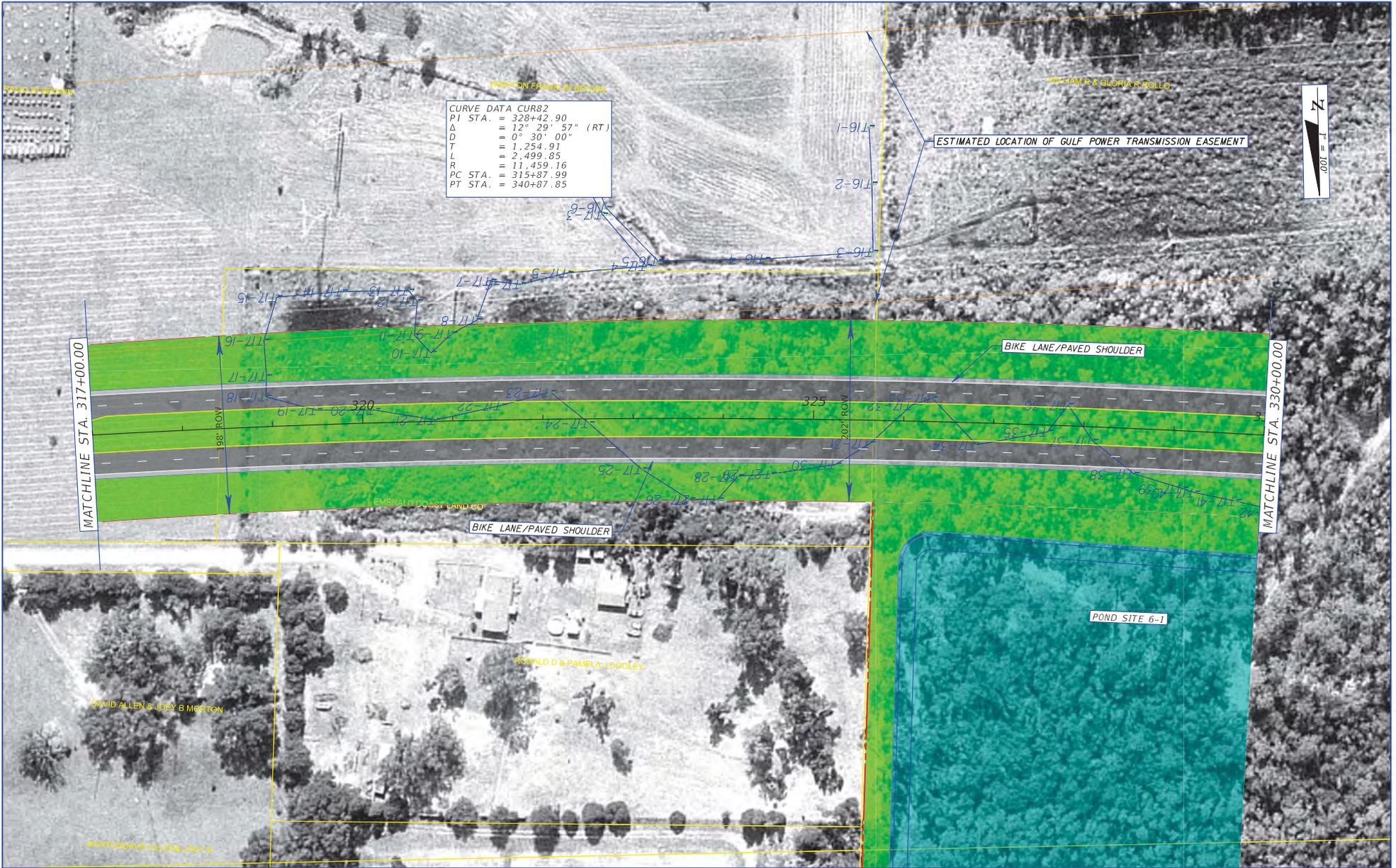
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
24



REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416749-3-22-01, ETC.			



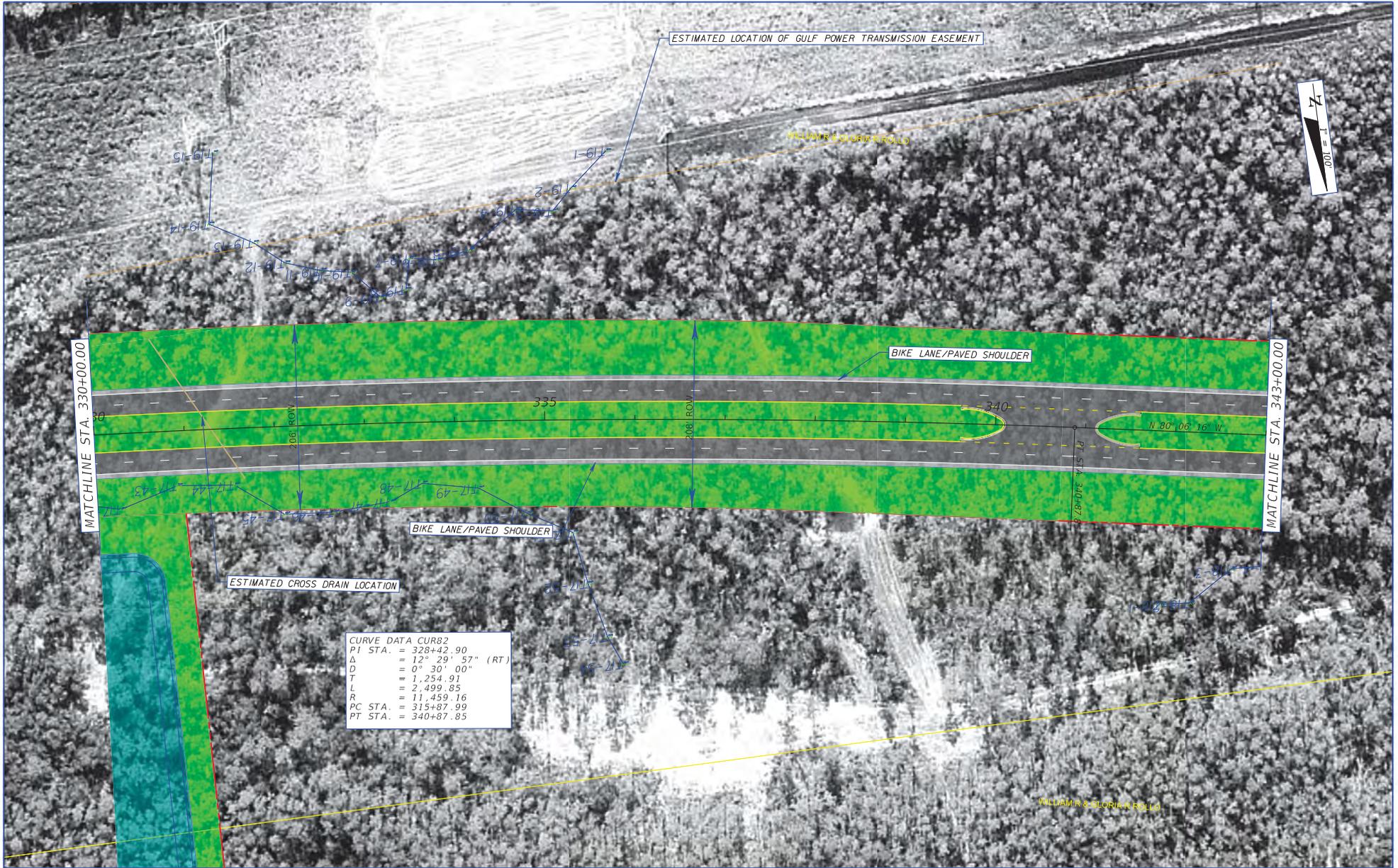
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

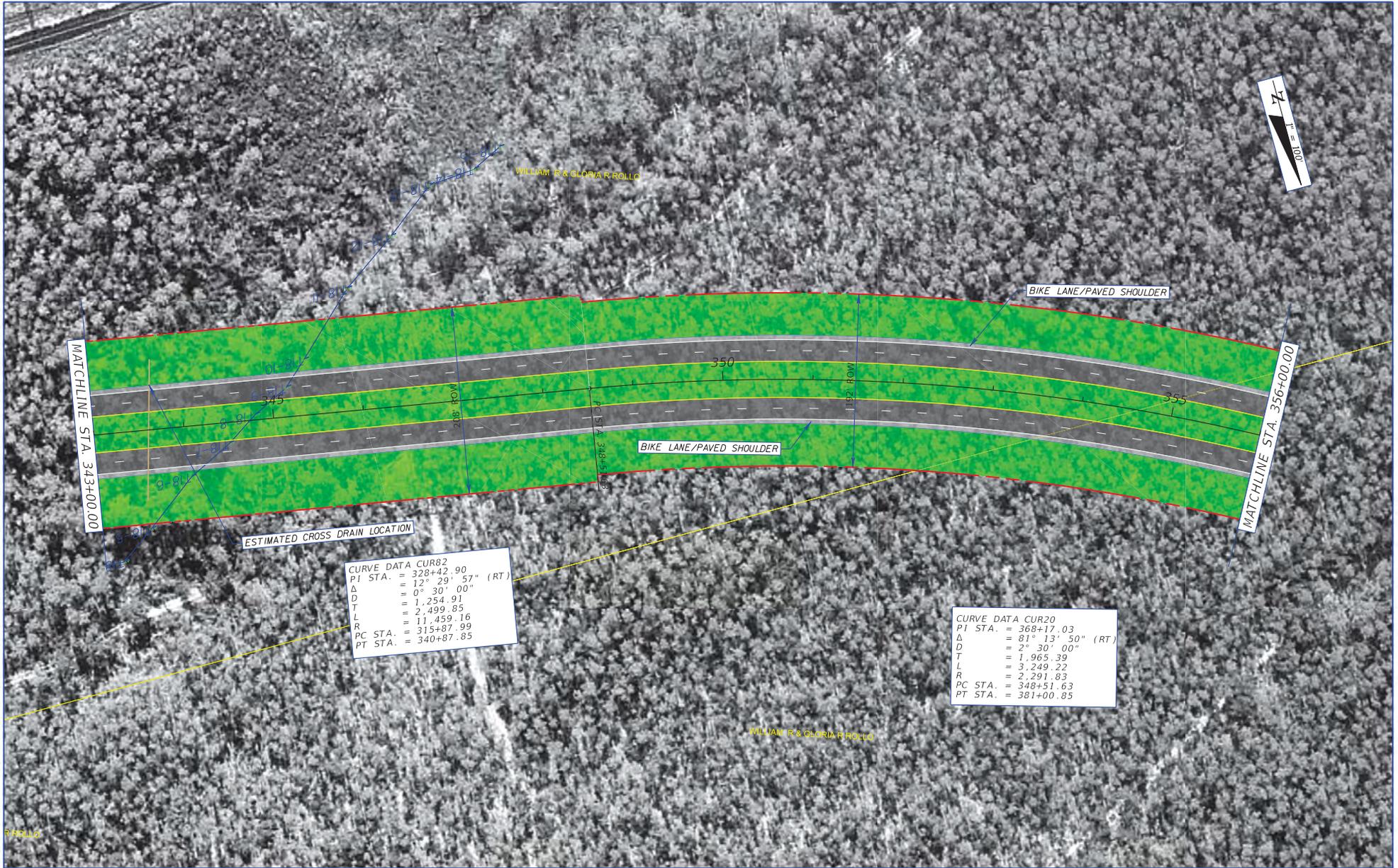
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416749-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

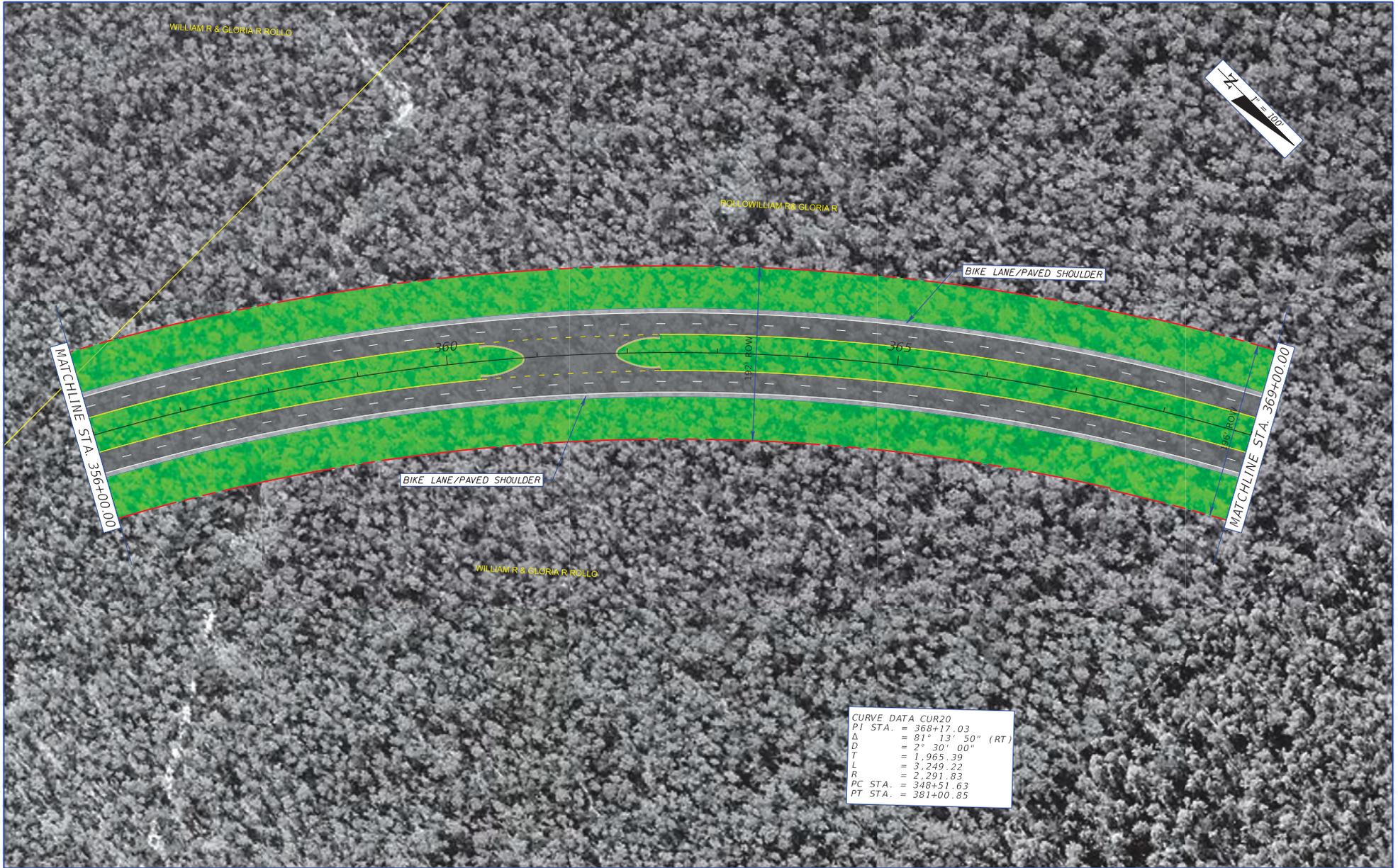
SHEET NO.
26



REVISIONS		METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PLAN SHEET ALIGNMENT 2	SHEET NO. 27
DATE	DESCRIPTION		ROAD NO.	COUNTY		
			SR 87	SANTA ROSA	416748-3-22-01, ETC.	

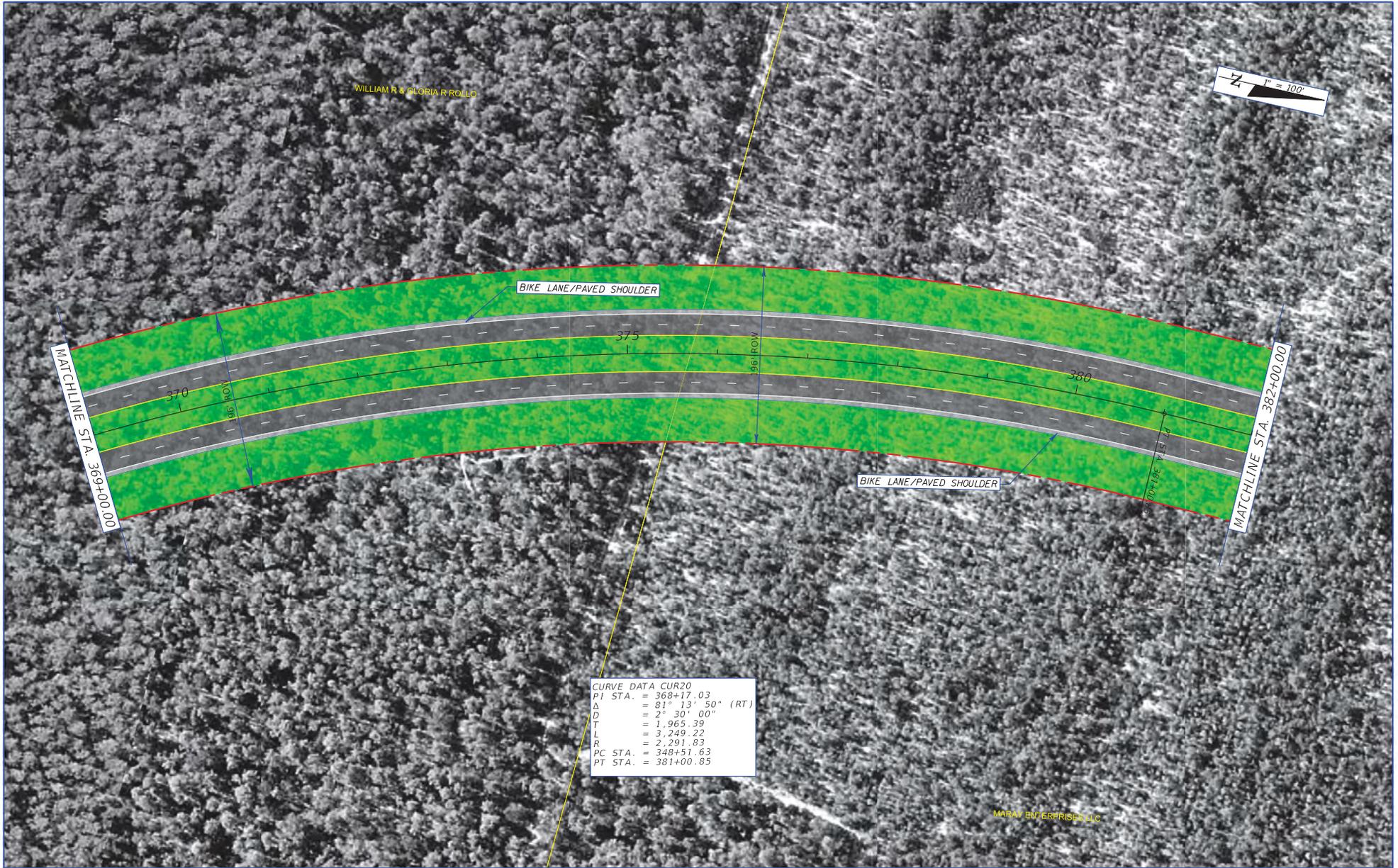


REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		

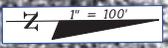
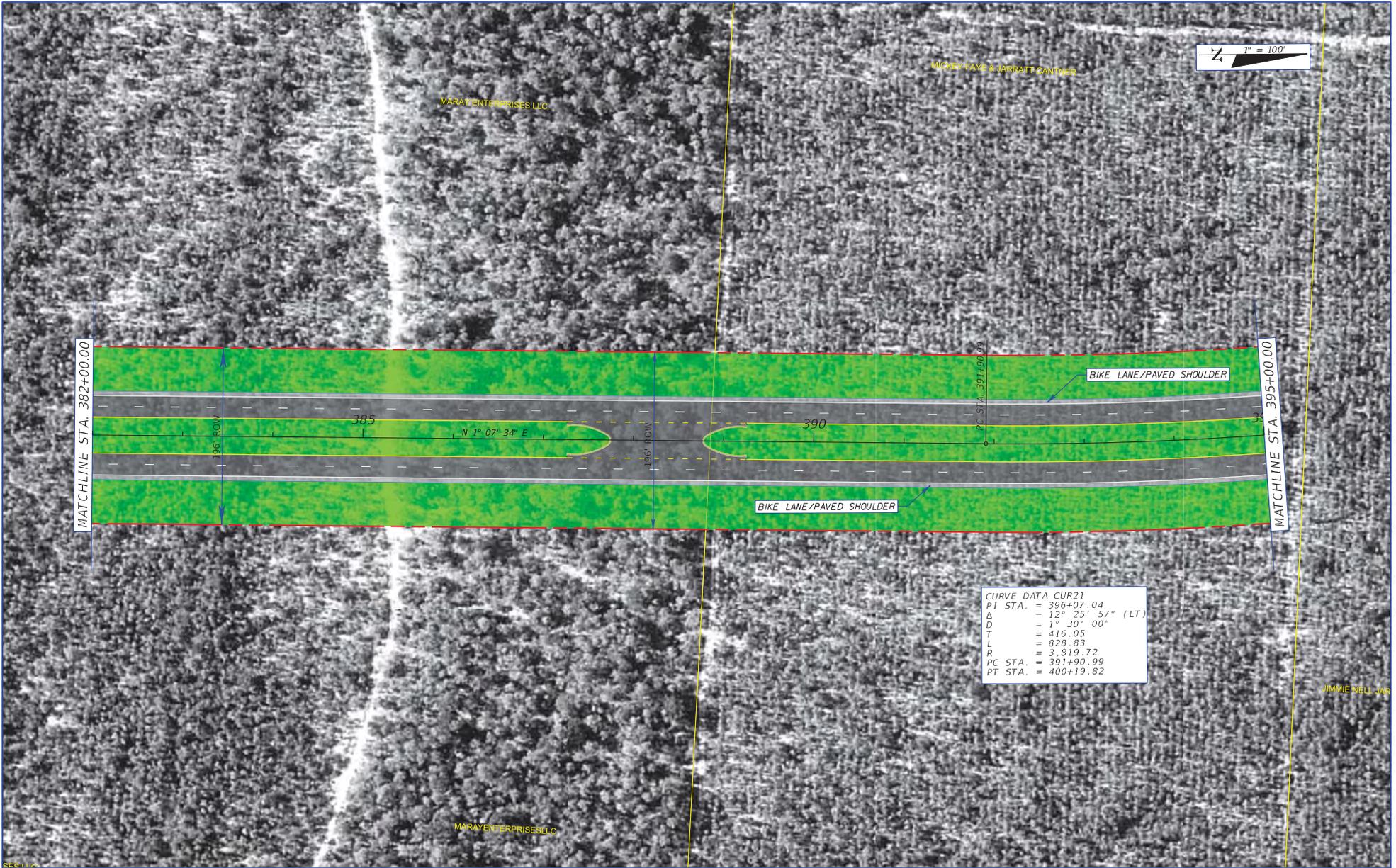


CURVE DATA CUR20	
PI STA.	= 368+17.03
Δ	= 81° 13' 50" (RT)
D	= 2° 30' 00"
T	= 1.965.39
L	= 3.249.22
R	= 2.291.83
PC STA.	= 348+51.63
PT STA.	= 381+00.85

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		29

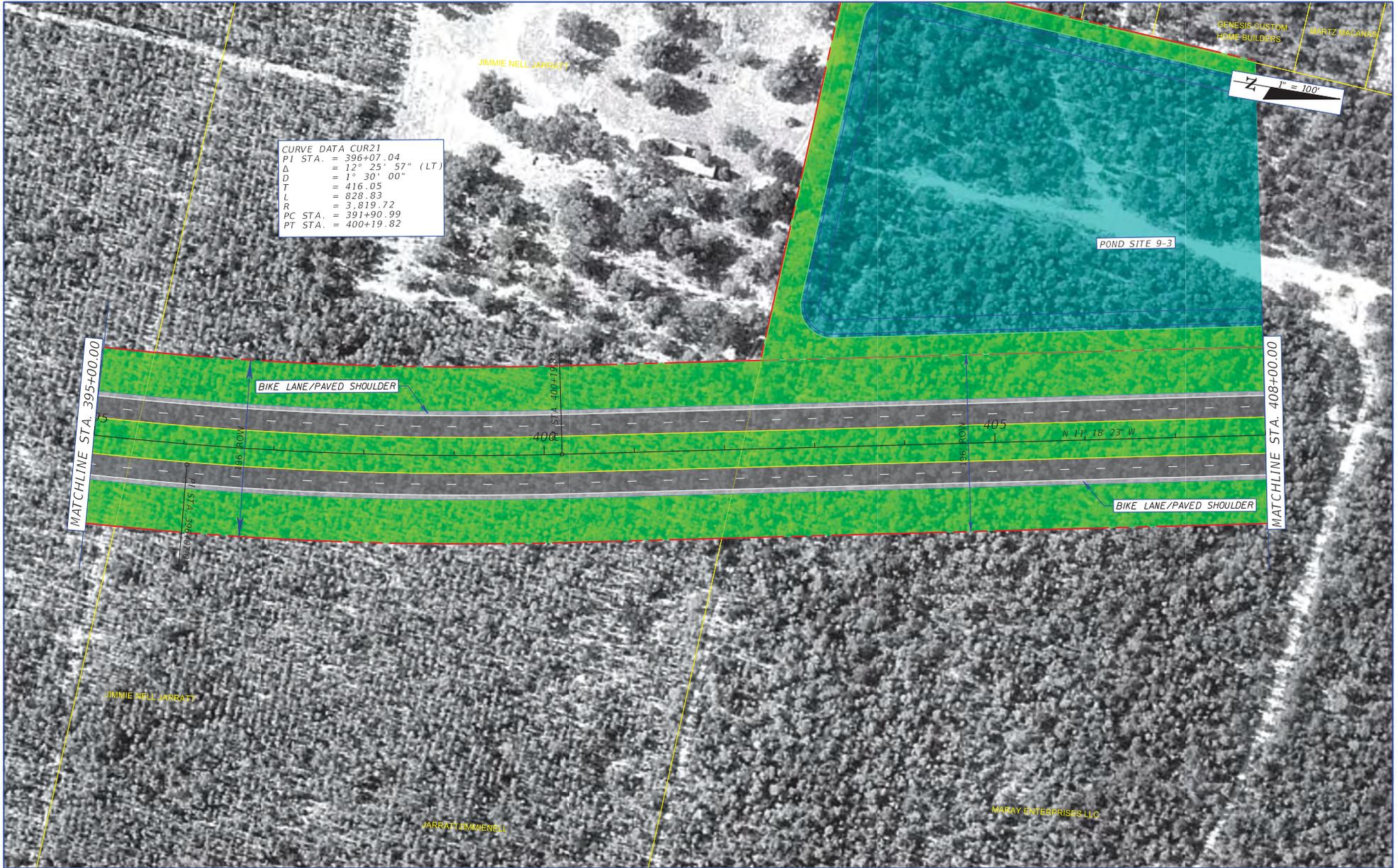


REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR21	
PI STA.	= 396+07.04
Δ	= 12° 25' 57" (LT)
D	= 1° 30' 00"
T	= 416.05
L	= 828.83
R	= 3,819.72
PC STA.	= 391+90.99
PT STA.	= 400+19.82

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR21
 P1 STA. = 396+07.04
 Δ = 12° 25' 57" (LT)
 D = 1° 30' 00"
 T = 416.05
 L = 828.83
 R = 3,819.72
 PC STA. = 391+90.99
 PT STA. = 400+19.82

REVISIONS		REVISIONS		METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 32
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416749-3-22-01, ETC.

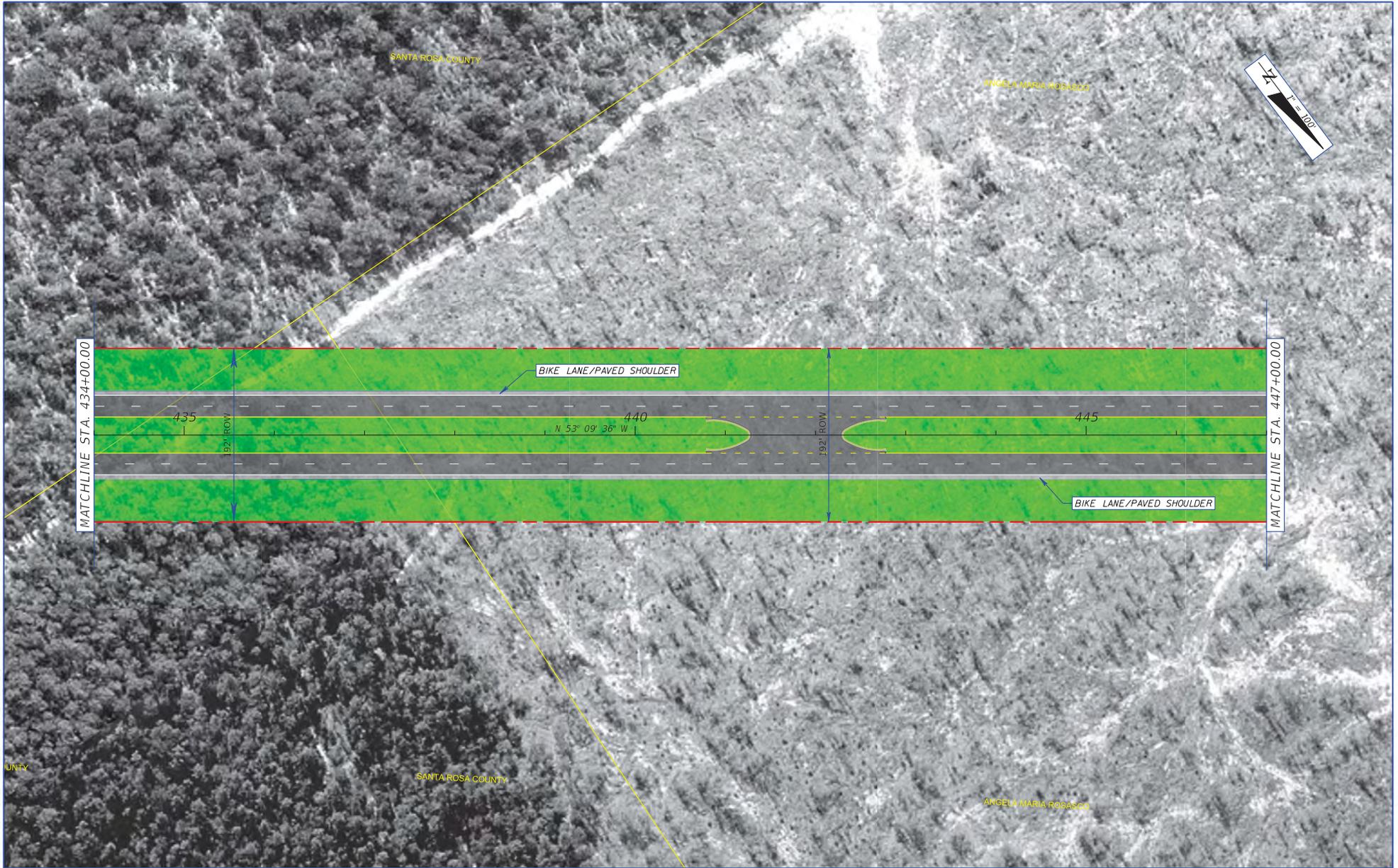
**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
33

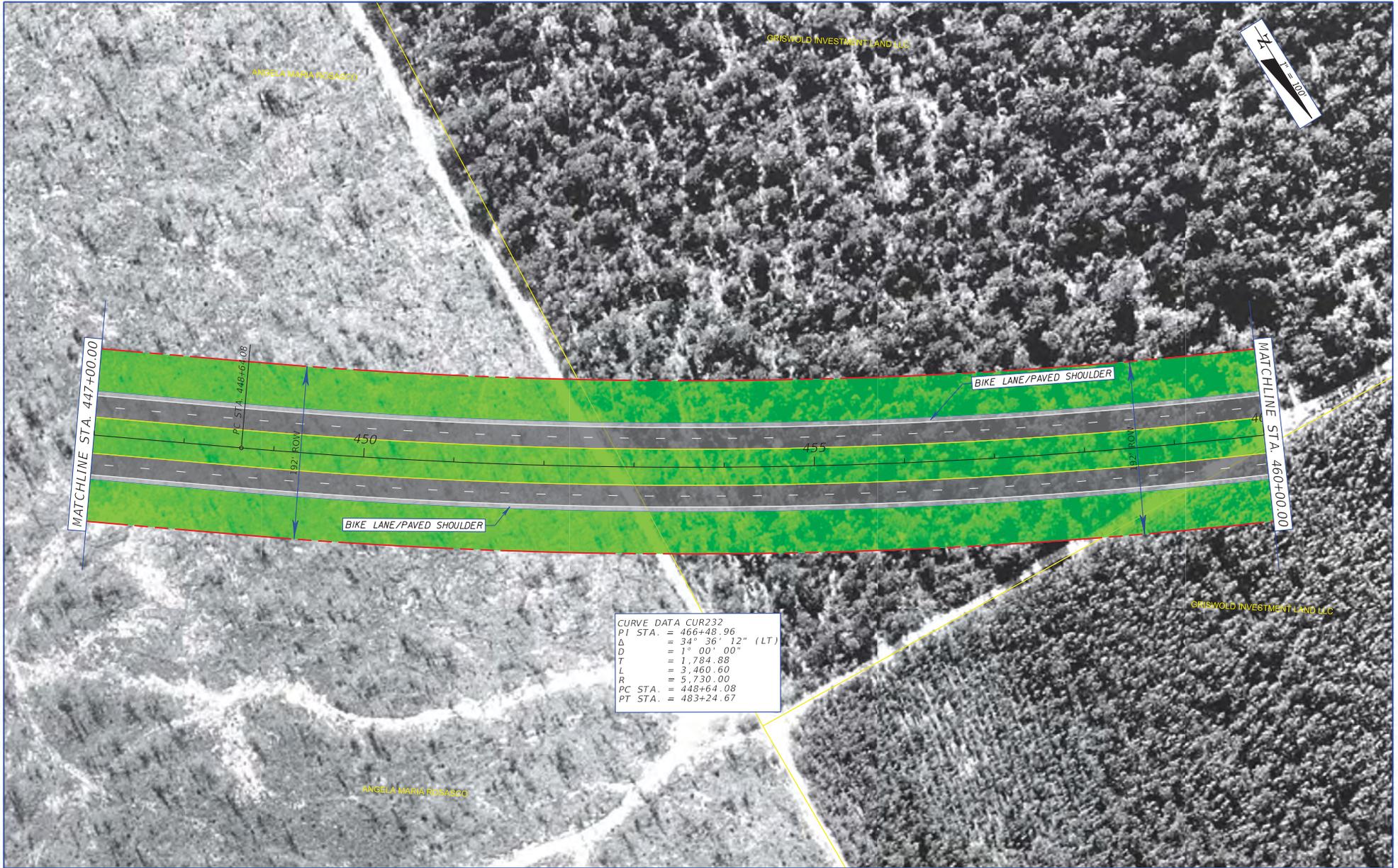


CURVE DATA CUR22	
PI STA.	= 422+45.05
Δ	= 41° 51' 14" (LT)
D	= 2° 00' 00"
T	= 1,095.50
L	= 2,092.69
R	= 2,864.79
PC STA.	= 411+49.55
PT STA.	= 432+42.24

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			

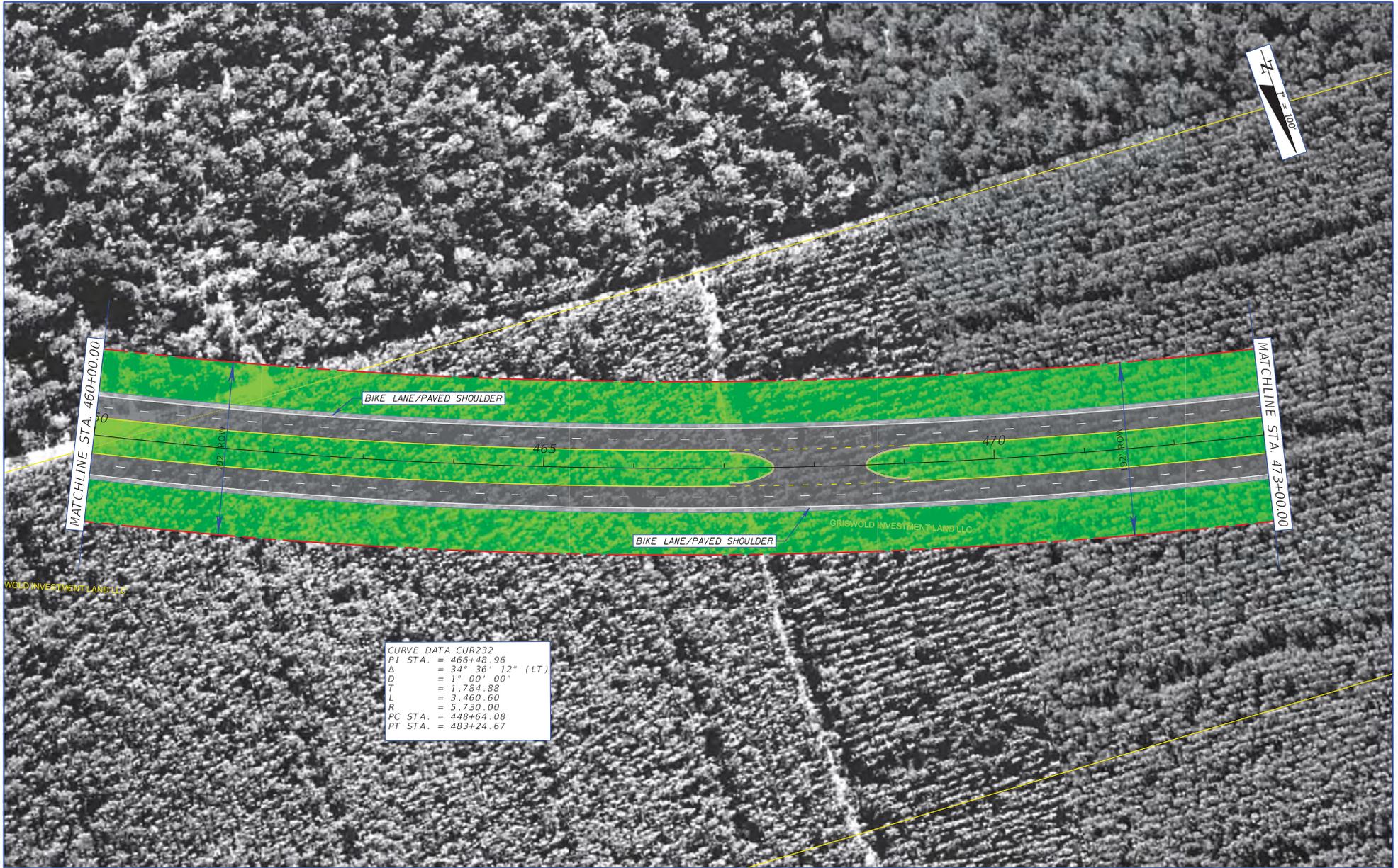


REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



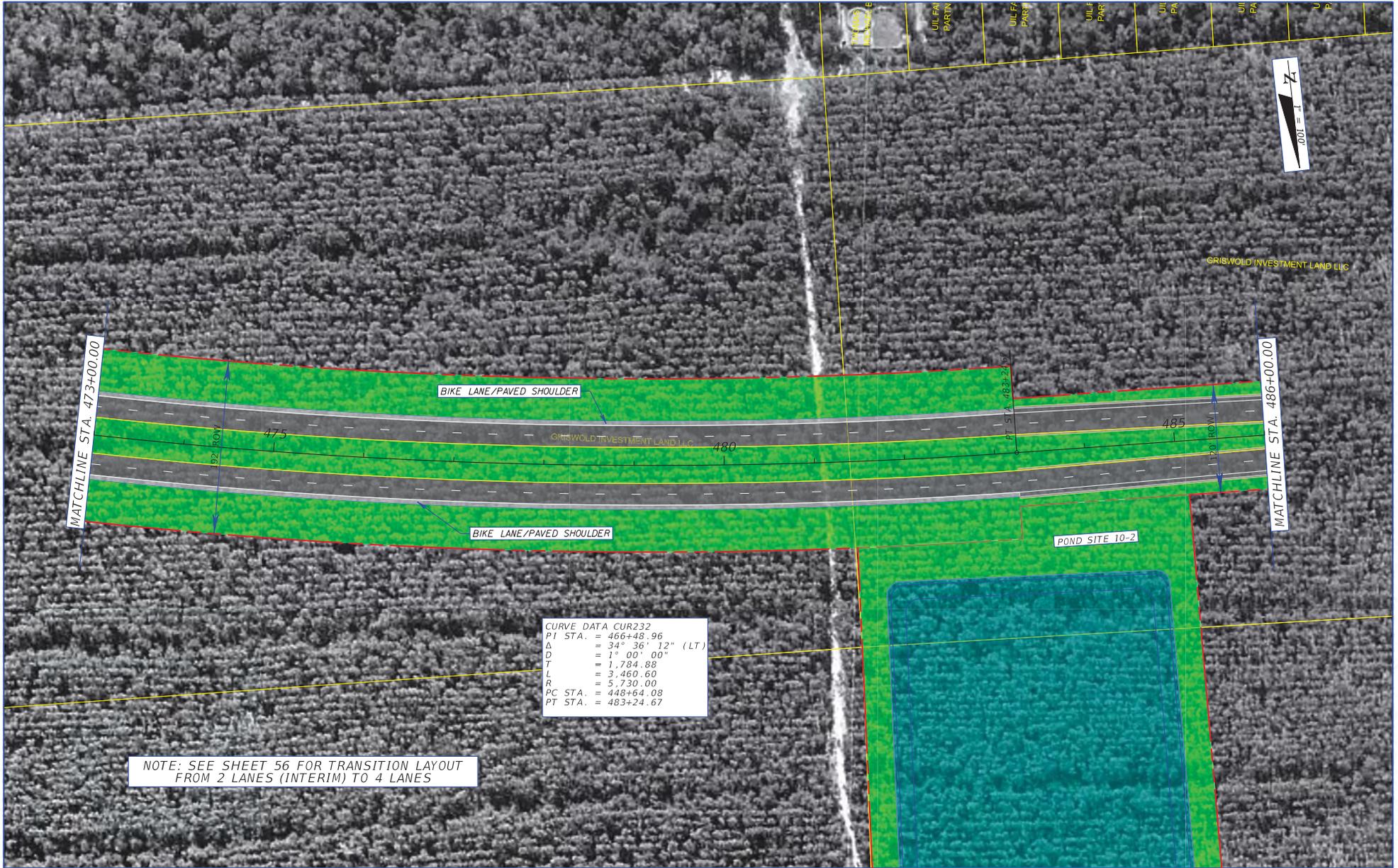
CURVE DATA CUR232
 PI STA. = 466+48.96
 Δ = 34° 36' 12" (LT)
 D = 1° 00' 00"
 T = 1,784.88
 L = 3,460.60
 R = 5,730.00
 PC STA. = 448+64.08
 PT STA. = 483+24.67

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR232
 PI STA. = 466+48.96
 Δ = 34° 36' 12" (LT)
 D = 1° 00' 00"
 T = 1,784.88
 L = 3,460.60
 R = 5,720.00
 PC STA. = 448+64.08
 PT STA. = 483+24.67

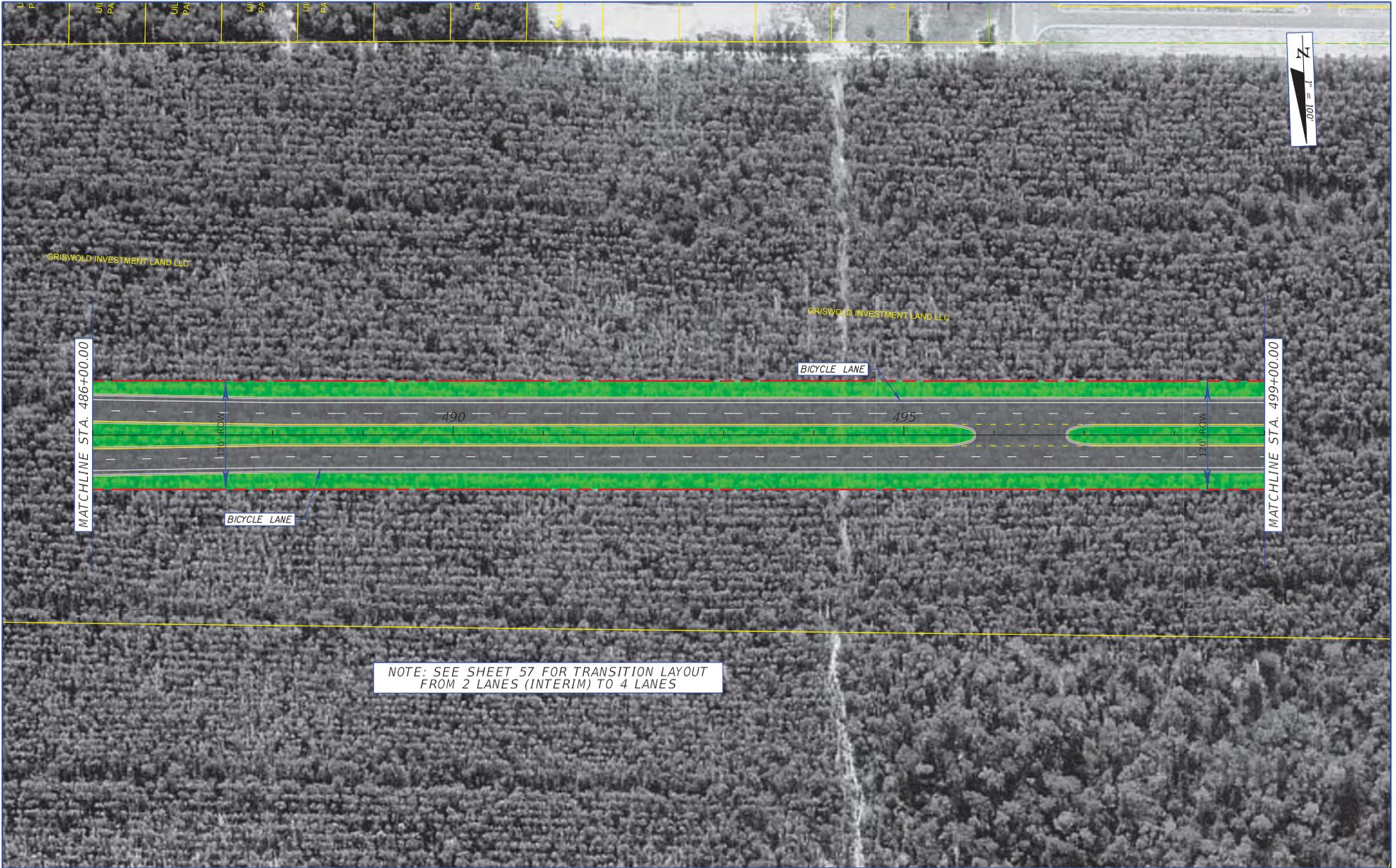
REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR232
 PI STA. = 466+48.96
 Δ = 34° 36' 12" (LT)
 D = 1° 00' 00"
 T = 1,784.88
 L = 3,460.60
 R = 5,730.00
 PC STA. = 448+64.08
 PT STA. = 483+24.67

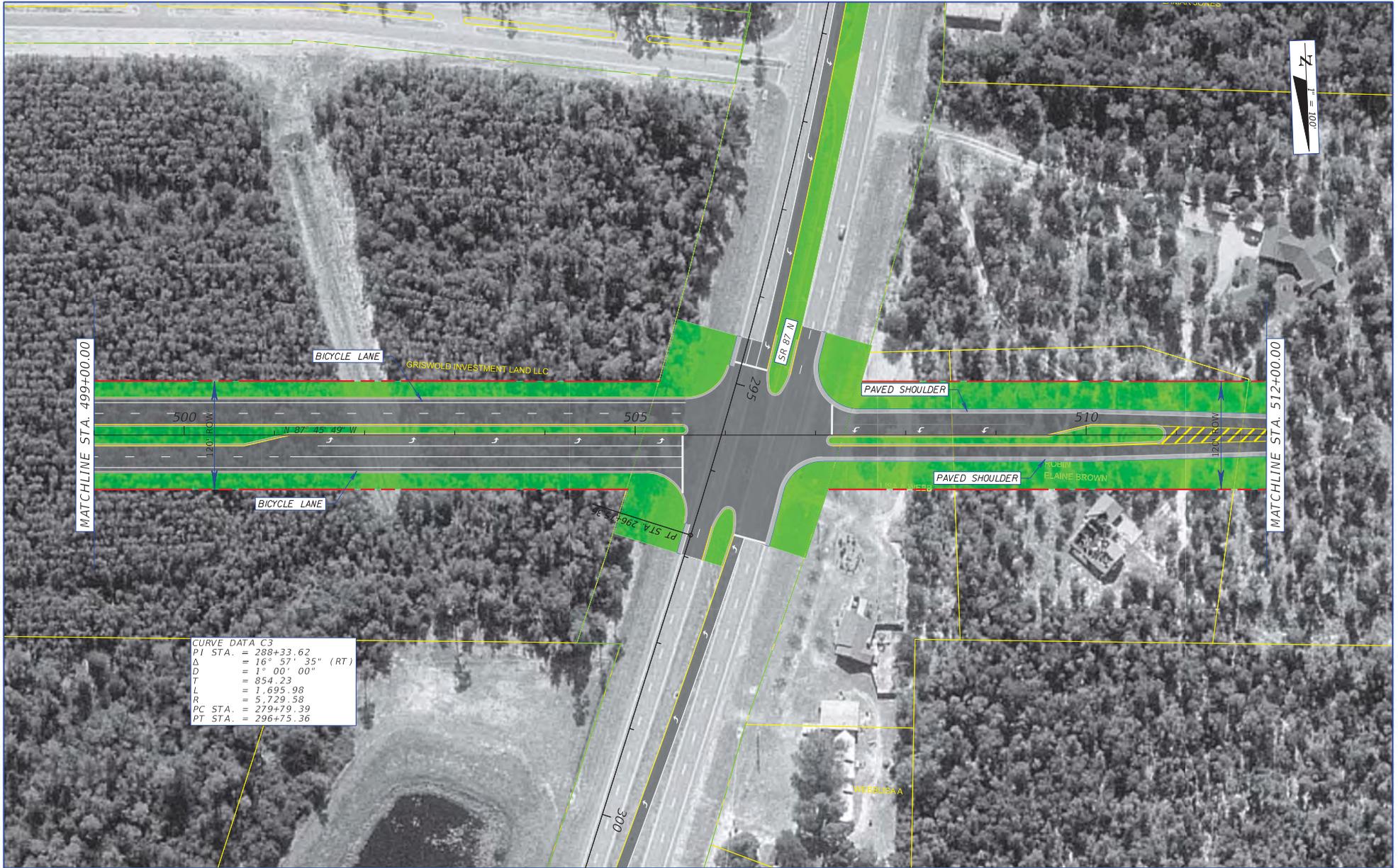
NOTE: SEE SHEET 56 FOR TRANSITION LAYOUT FROM 2 LANES (INTERIM) TO 4 LANES

REVISIONS		DESCRIPTION		METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



NOTE: SEE SHEET 57 FOR TRANSITION LAYOUT FROM 2 LANES (INTERIM) TO 4 LANES

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 39
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 40
ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
SR 87	SANTA ROSA	416748-3-22-01, ETC.					



CURVE DATA CUR80
 PI STA. = 63+39.30
 Δ = 66° 11' 10" (LT)
 D = 22° 55' 06"
 T = 162.93
 L = 288.79
 R = 250.00
 PC STA. = 61+76.37
 PT STA. = 64+65.16

CURVE DATA CUR242
 PI STA. = 527+33.72
 Δ = 34° 42' 00" (RT)
 D = 2° 29' 59"
 T = 716.08
 L = 1,388.11
 R = 2,292.00
 PC STA. = 520+17.64
 PT STA. = 534+05.75

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			



CURVE DATA CUR242
 PI STA. = 527+33.72
 Δ = 34° 42' 00" (RT)
 D = 2° 29' 59"
 T = 716.08
 L = 1,388.11
 R = 2,292.00
 PC STA. = 520+17.64
 PT STA. = 534+05.75

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
42



REVISIONS		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET ALIGNMENT 2	SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.		
				SANTA ROSA	FINANCIAL PROJECT ID 416748-3-22-01, ETC.	
				SR 87		

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
CERTIFICATE OF AUTHORIZATION 00002294



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416749-3-22-01, ETC.

**PLAN SHEET
ALIGNMENT 2**

**SHEET NO.
44**



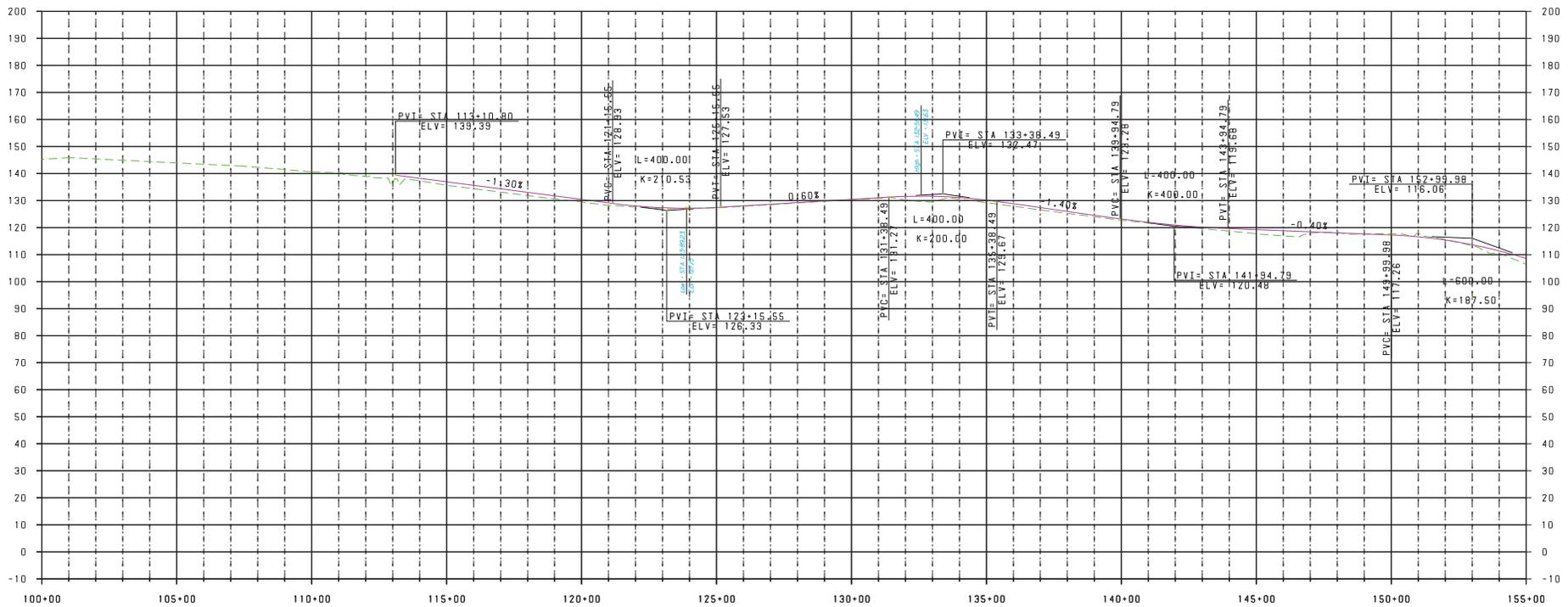
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

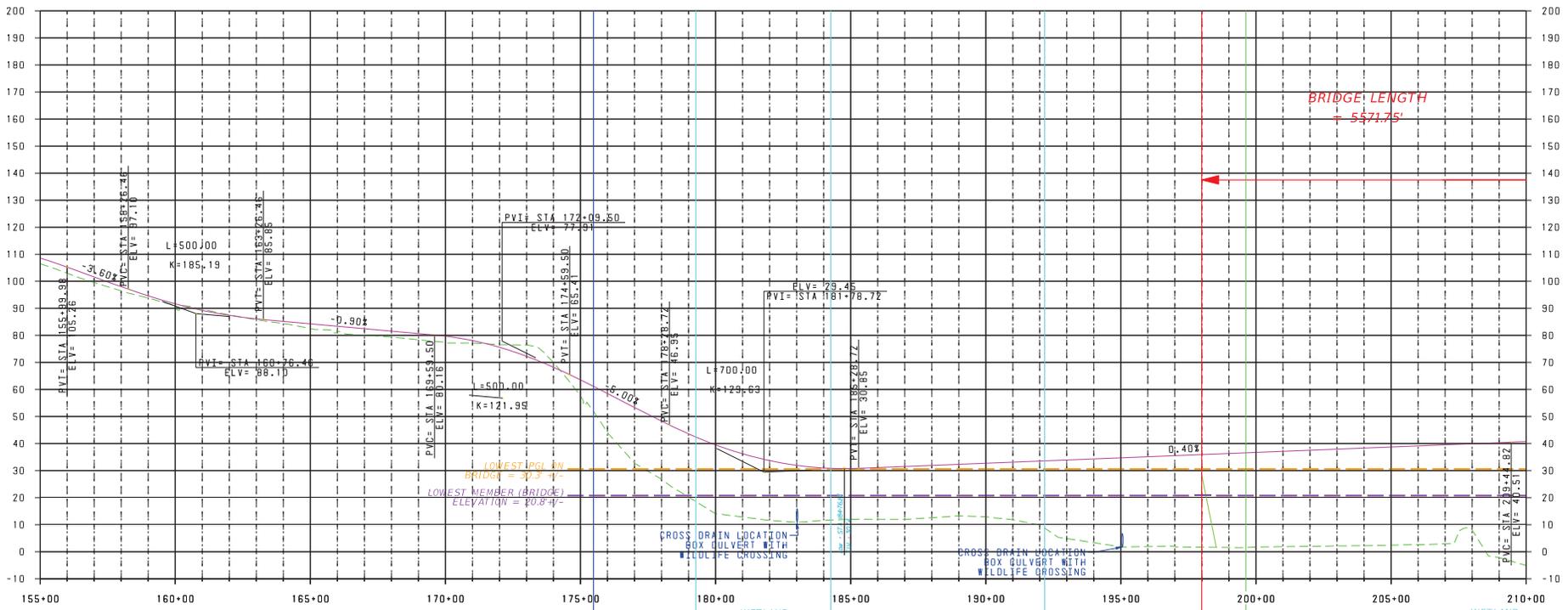
**PLAN SHEET
ALIGNMENT 2**

SHEET NO.
45



- - - - - EXISTING PROFILE
 _____ WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		46



--- EXISTING PROFILE
 --- WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

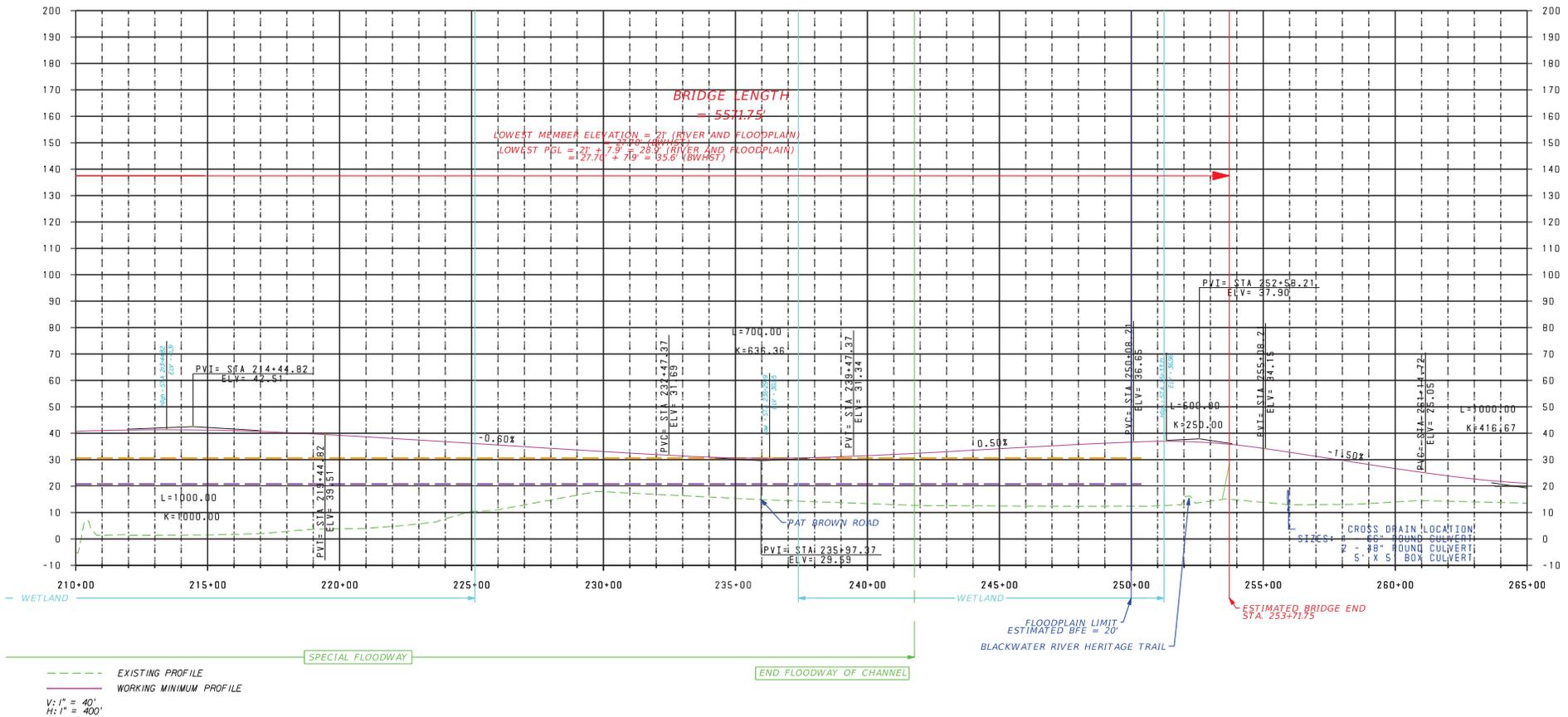
STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

PROFILE SHEET
ALIGNMENT 2

SHEET NO.

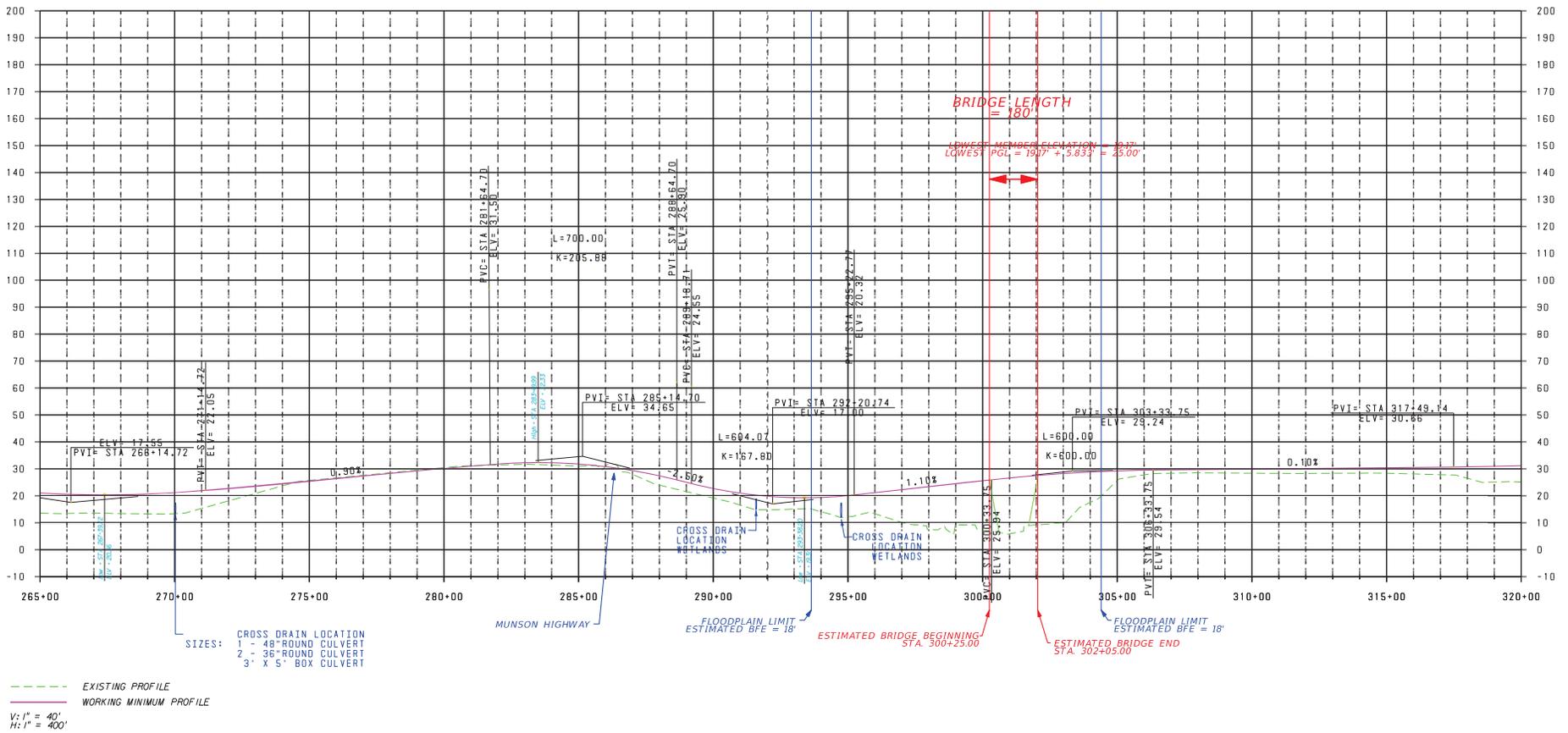
47



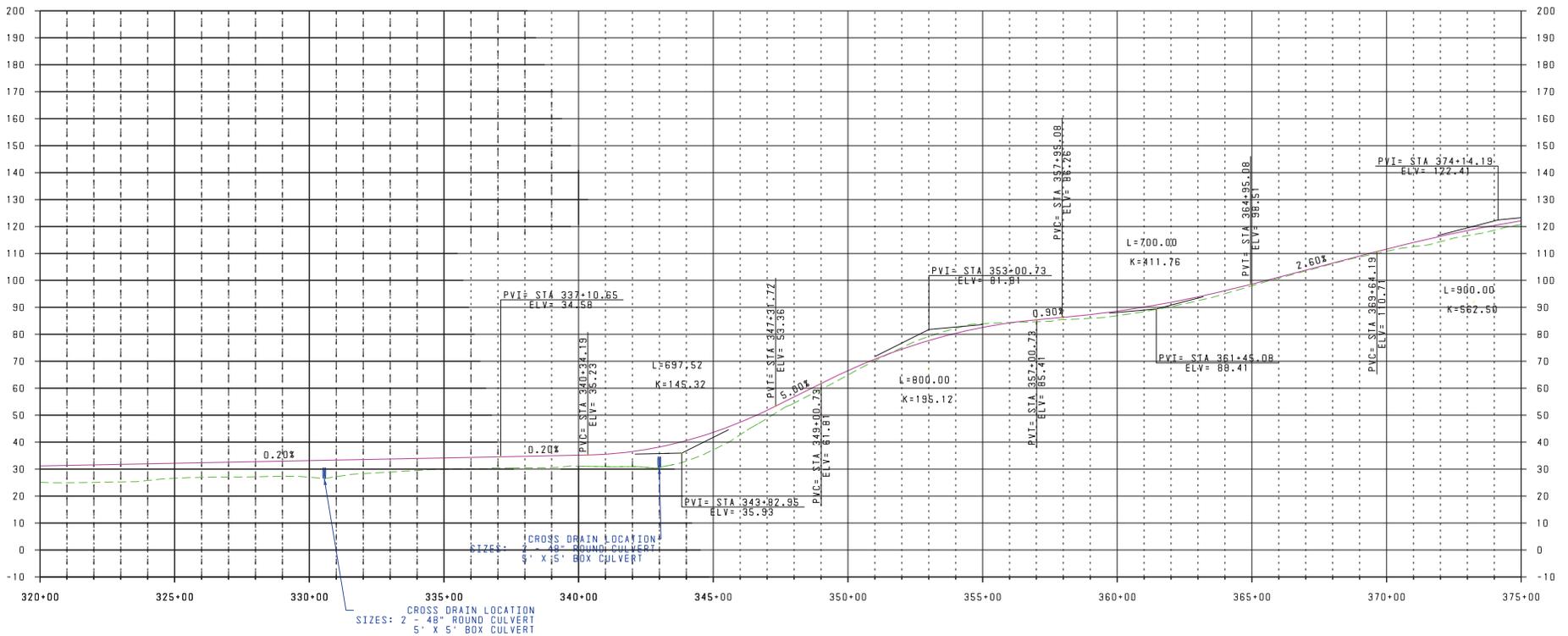
BRIDGE LENGTH = 551.75'
 LOWEST MEMBER ELEVATION = 27' (RIVER AND FLOODPLAIN)
 LOWEST PGL = 27 + 7.9' = 34.9' (RIVER AND FLOODPLAIN)
 = 27.70' + 7.19' = 34.89' (BWST)

CROSS DRAIN LOCATION
 2'-88" ROUND CULVERT
 5' X 5' BOX CULVERT

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		

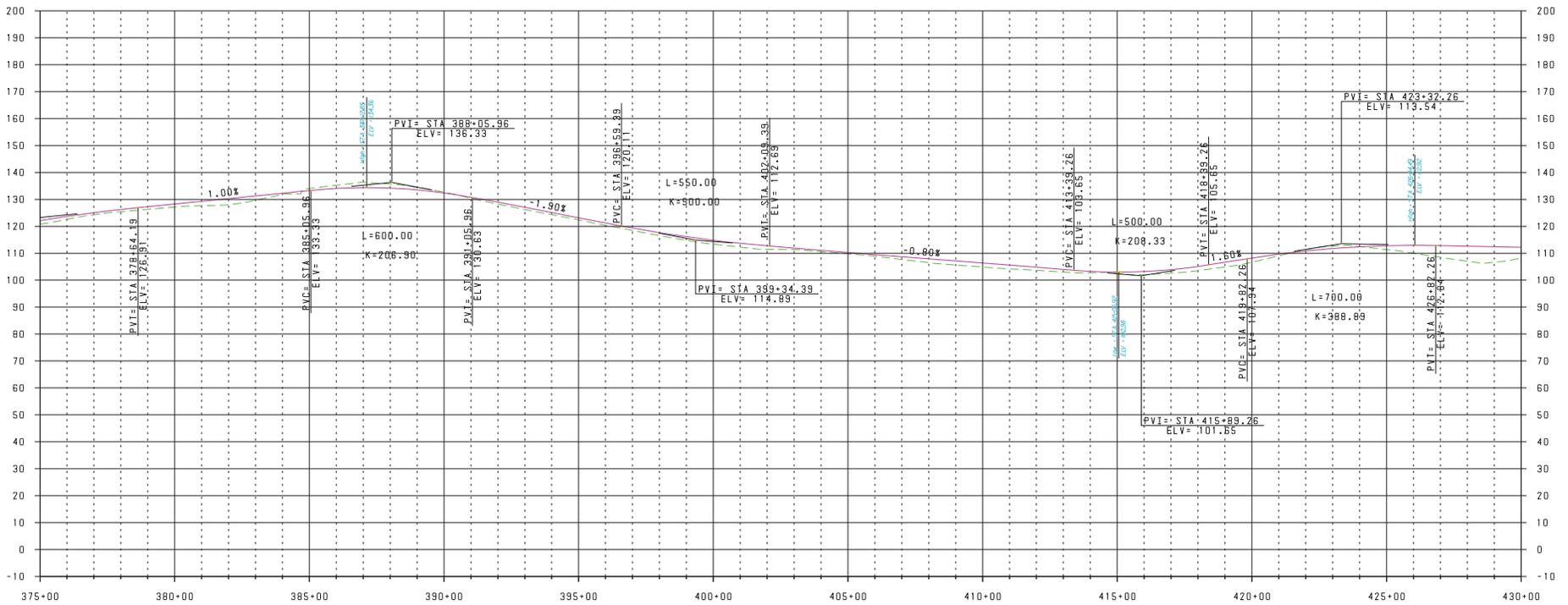


REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID			
			SR 87		SANTA ROSA	416748-3-22-01, ETC.			49



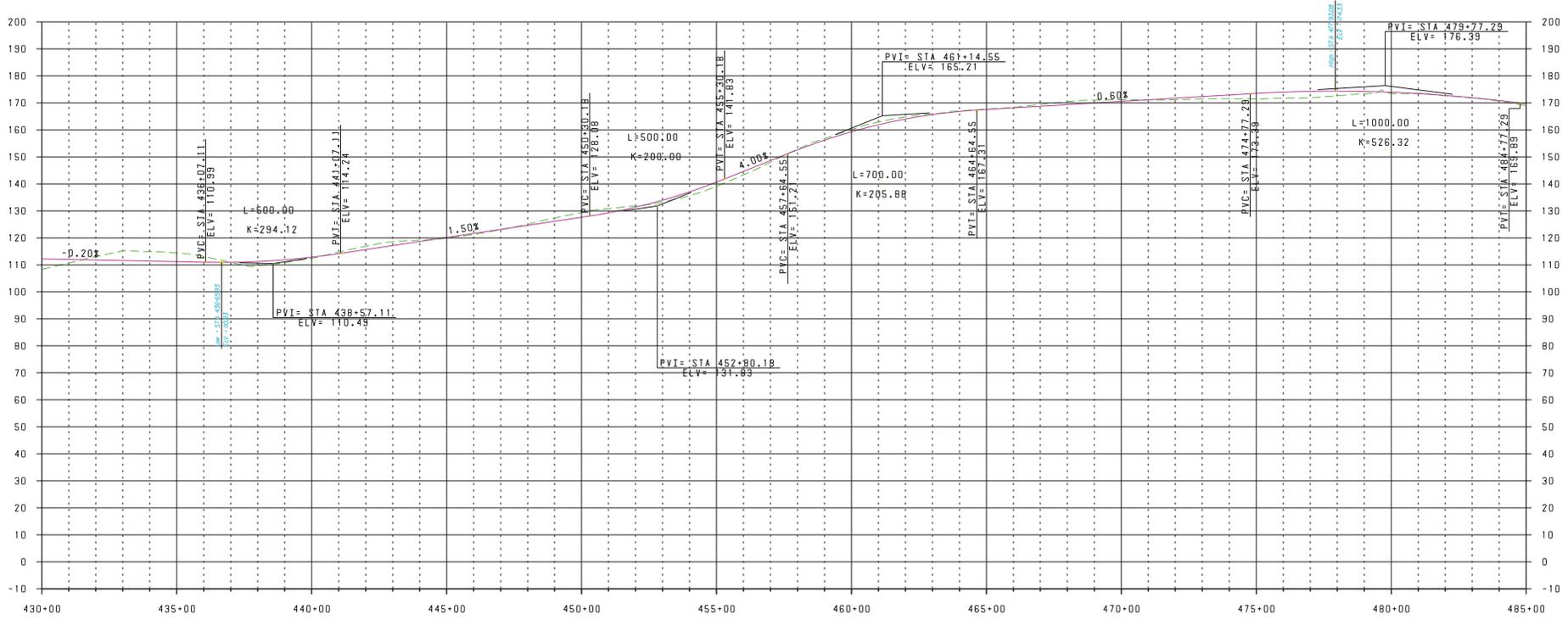
--- EXISTING PROFILE
 --- WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		50



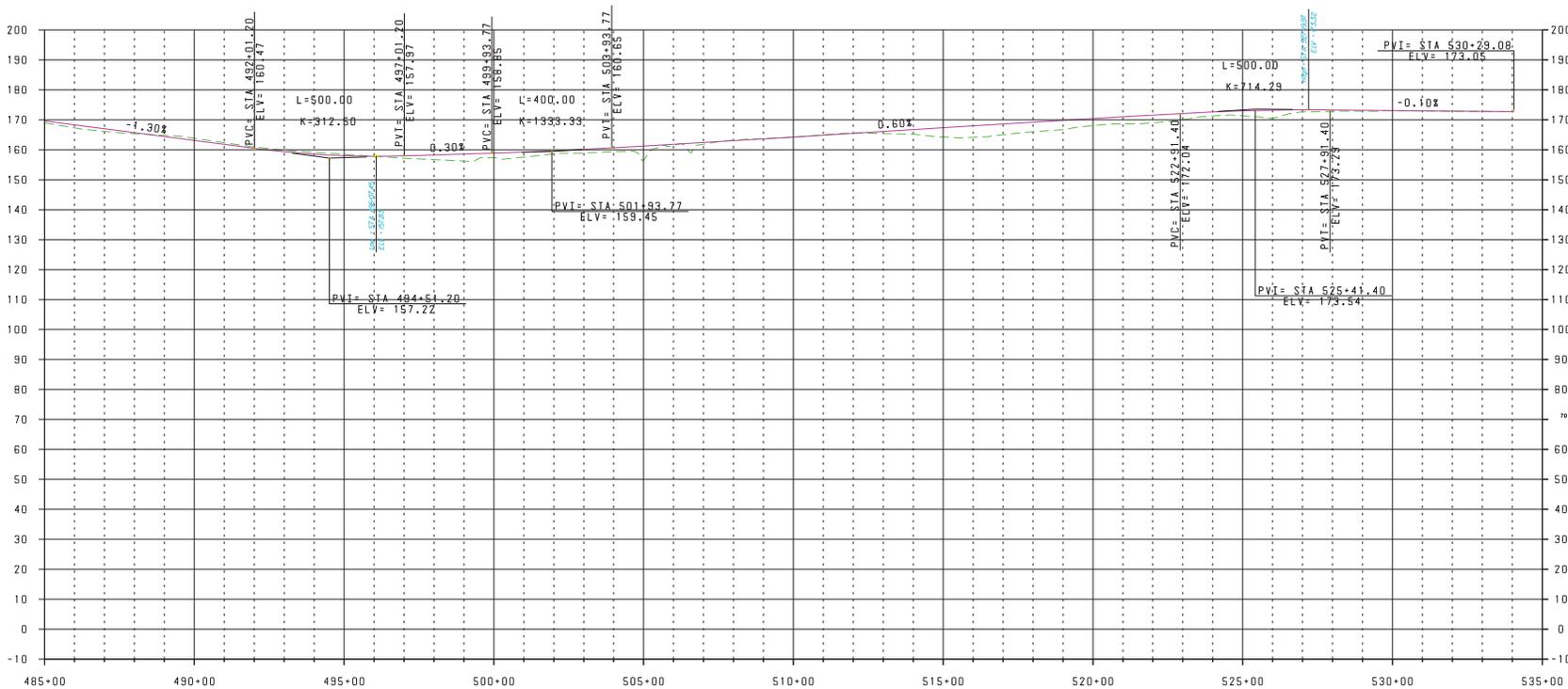
--- EXISTING PROFILE
 --- WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



- - - - - EXISTING PROFILE
 ——— WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		52

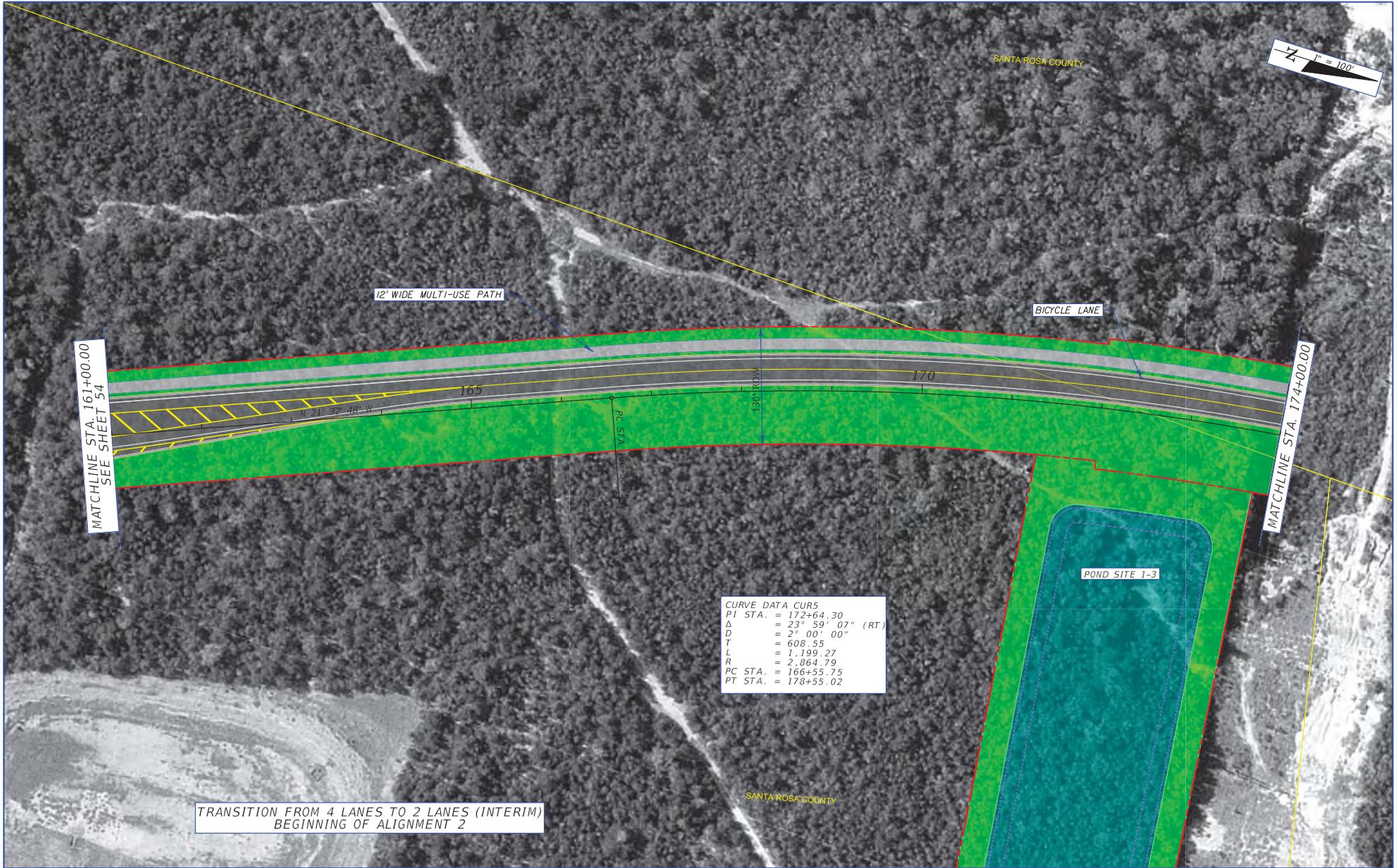


- - - - - EXISTING PROFILE
 _____ WORKING MINIMUM PROFILE
 V: 1" = 40'
 H: 1" = 400'

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROFILE SHEET ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRANSITION LAYOUT ALIGNMENT 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		54
					SR 87	SANTA ROSA	416748-3-22-01, ETC.		



CURVE DATA CUR5
 PI STA. = 172+64.30
 Δ = 23° 59' 07" (RT)
 D = 2° 00' 00"
 T = 608.55
 L = 1,199.27
 R = 2,864.79
 PC STA. = 166+55.75
 PT STA. = 178+55.02

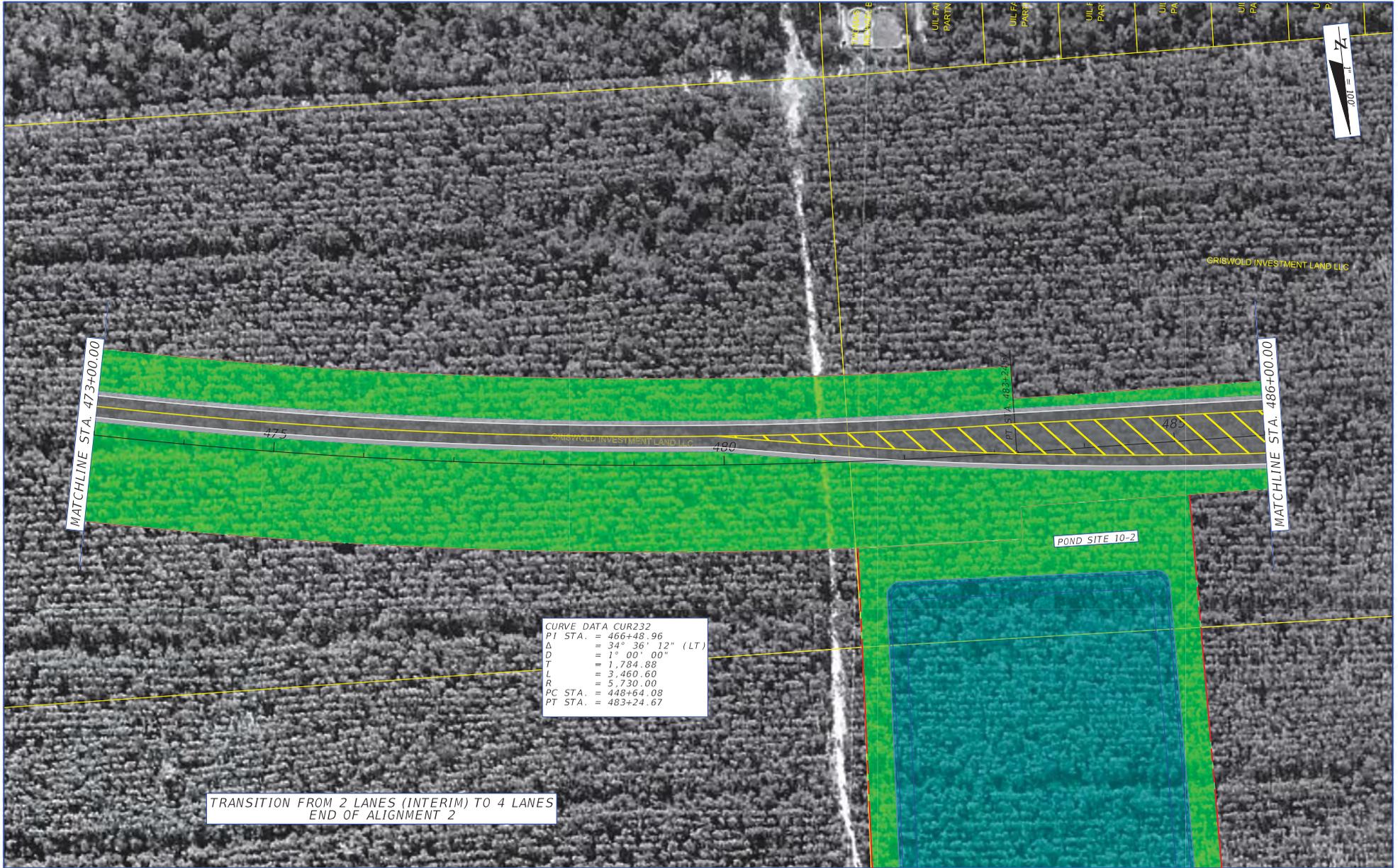
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

**TRANSITION LAYOUT
ALIGNMENT 2**

SHEET NO.
55

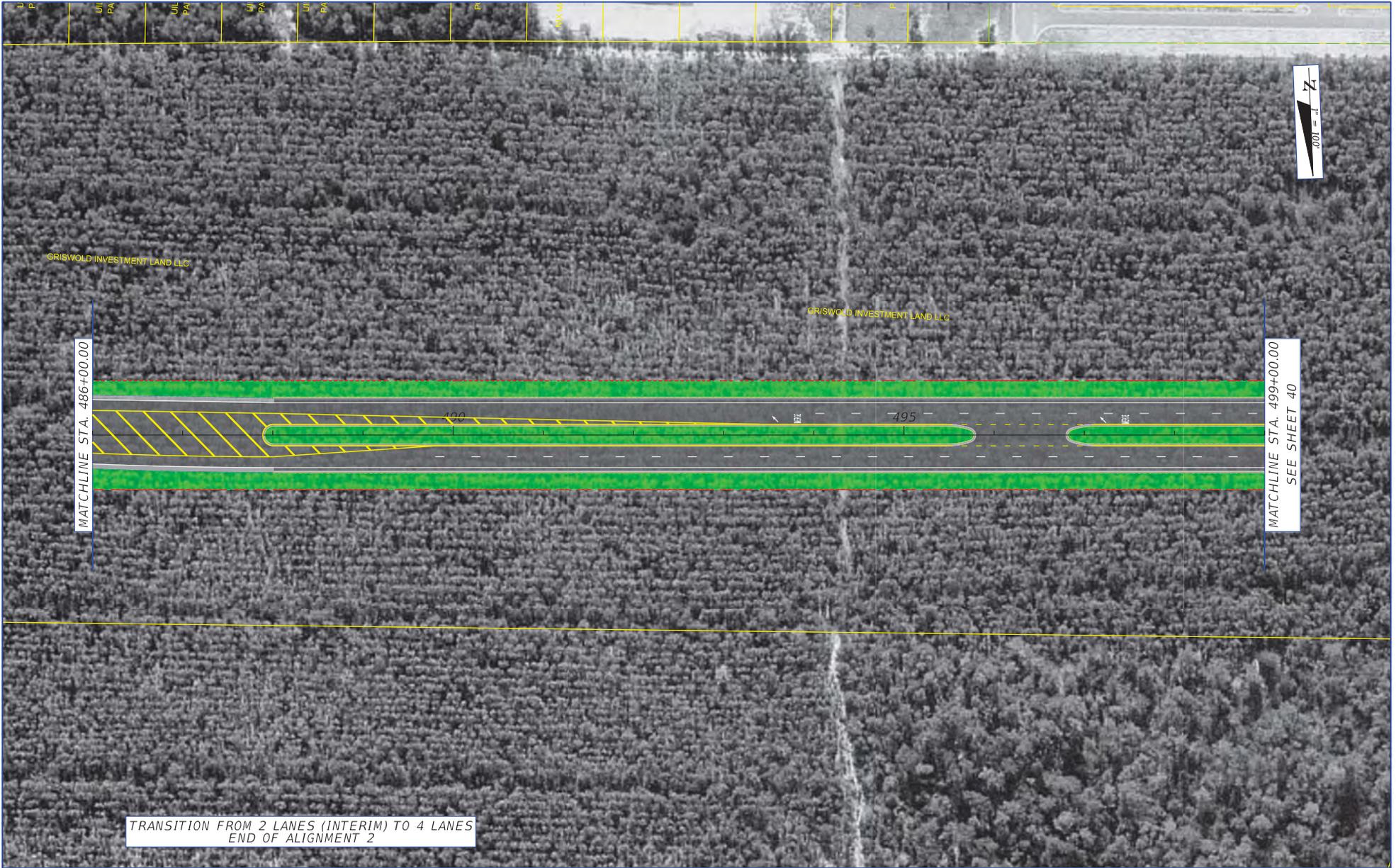


CURVE DATA CUR232
 PI STA. = 466+48.96
 Δ = 34° 36' 12" (LT)
 D = 1° 00' 00"
 T = 1,784.88
 L = 3,460.60
 R = 5,730.00
 PC STA. = 448+64.08
 PT STA. = 483+24.67

TRANSITION FROM 2 LANES (INTERIM) TO 4 LANES
 END OF ALIGNMENT 2

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRANSITION LAYOUT ALIGNMENT 2	SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.		

METRIC ENGINEERING, INC.
 2616 JENKS AVENUE
 PANAMA CITY, FLORIDA 32405
 CERTIFICATE OF AUTHORIZATION 00002294



TRANSITION FROM 2 LANES (INTERIM) TO 4 LANES
END OF ALIGNMENT 2

REVISIONS				METRIC ENGINEERING, INC. 2616 JENKS AVENUE PANAMA CITY, FLORIDA 32405 CERTIFICATE OF AUTHORIZATION 00002294	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRANSITION LAYOUT ALTERNATIVE 2	SHEET NO. 57
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 87	SANTA ROSA	416748-3-22-01, ETC.			