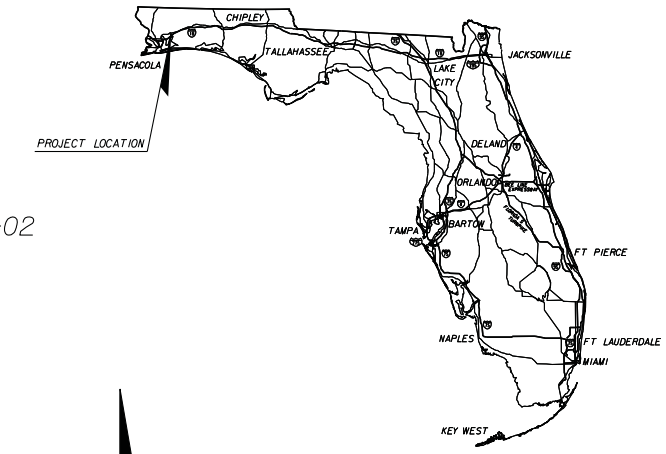
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONCEPT PLANS

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

SANTA ROSA COUNTY

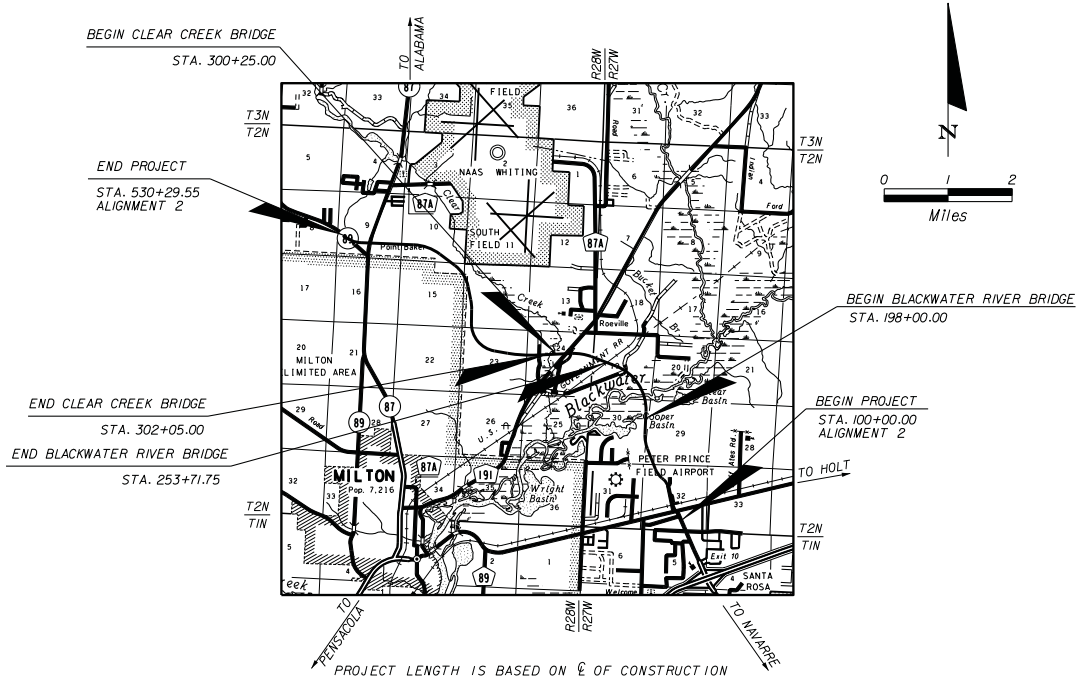
STATE ROAD NO. 87 CONNECTOR
ALIGNMENT 2



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 2012/2013,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.



PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

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	37,277.80	7.06
BRIDGES	5,751.75	1.09
NET LENGTH OF PROJECT	43,029.55	8.15
EXCEPTIONS	NA	NA
GROSS LENGTH OF PROJECT	43,029.55	8.15

KEY SHEET REVISIONS	
DATE	DESCRIPTION

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

P.E. NO.: 66427

FISCAL YEAR	SHEET NO.
	1

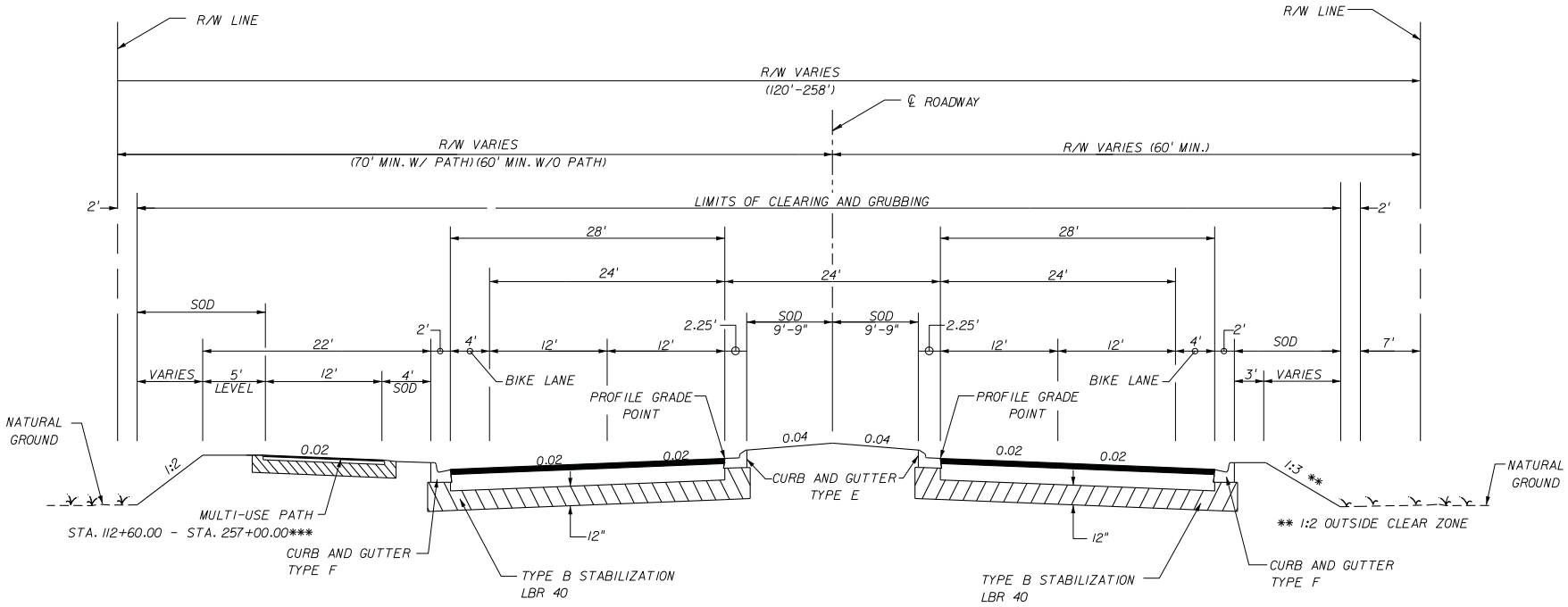
FDOT PROJECT MANAGER: PEGGY KELLEY

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

URBAN TYPICAL SECTION
PROPOSED BUILDOUT NTS.

BUILDOUT:
STA. 100+00 - STA. 253+71.75 (INCLUDES BLACKWATER RIVER BRIDGE)
STA. 480+00 - STA. 505+64

INTERIM:
STA. 100+00 - STA. 155+00
STA. 480+00 - STA. 505+64



DESIGN SPEED = 45 MPH
CLEAR ZONE = 24'

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294
● ENGINEERS
● PLANNERS
● SURVEYORS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

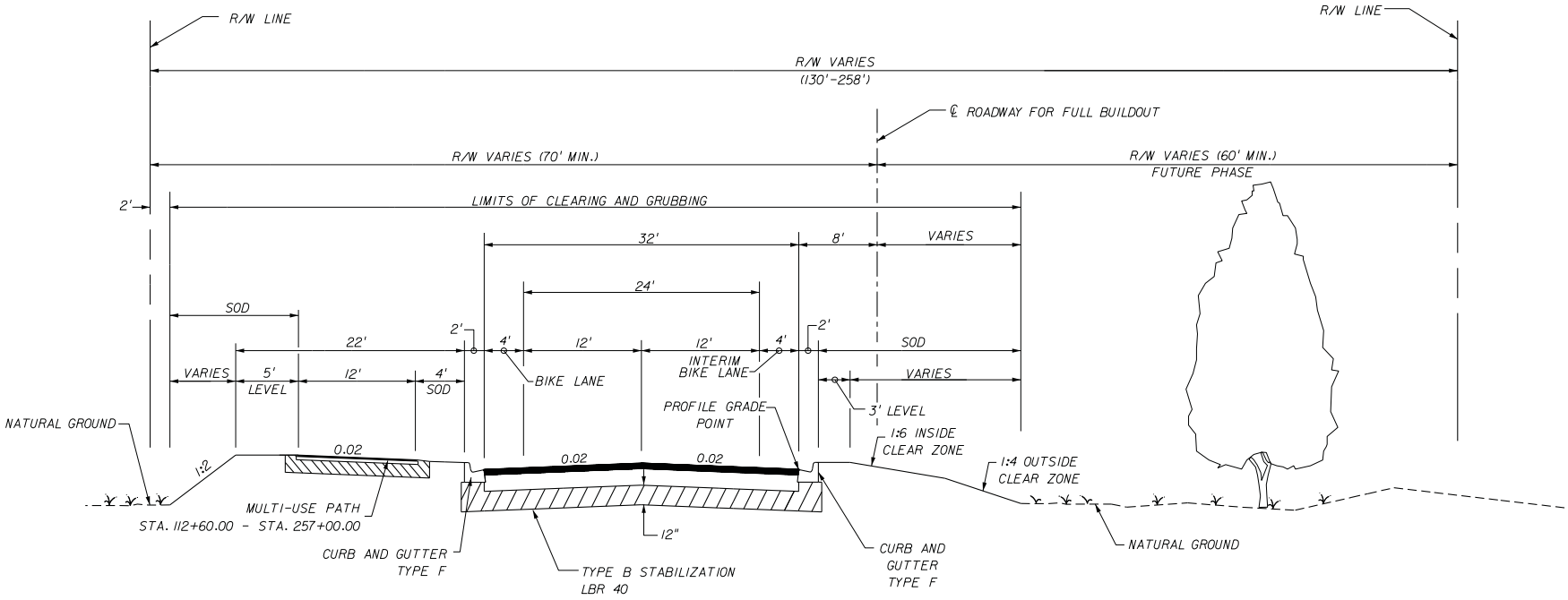
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

TYPICAL SECTION SHEET
ALIGNMENT 2

SHEET NO. 2

URBAN TYPICAL SECTION
PROPOSED INTERIM NTS.

INTERIM: STA. 155+00 - STA. 253+60 (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			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

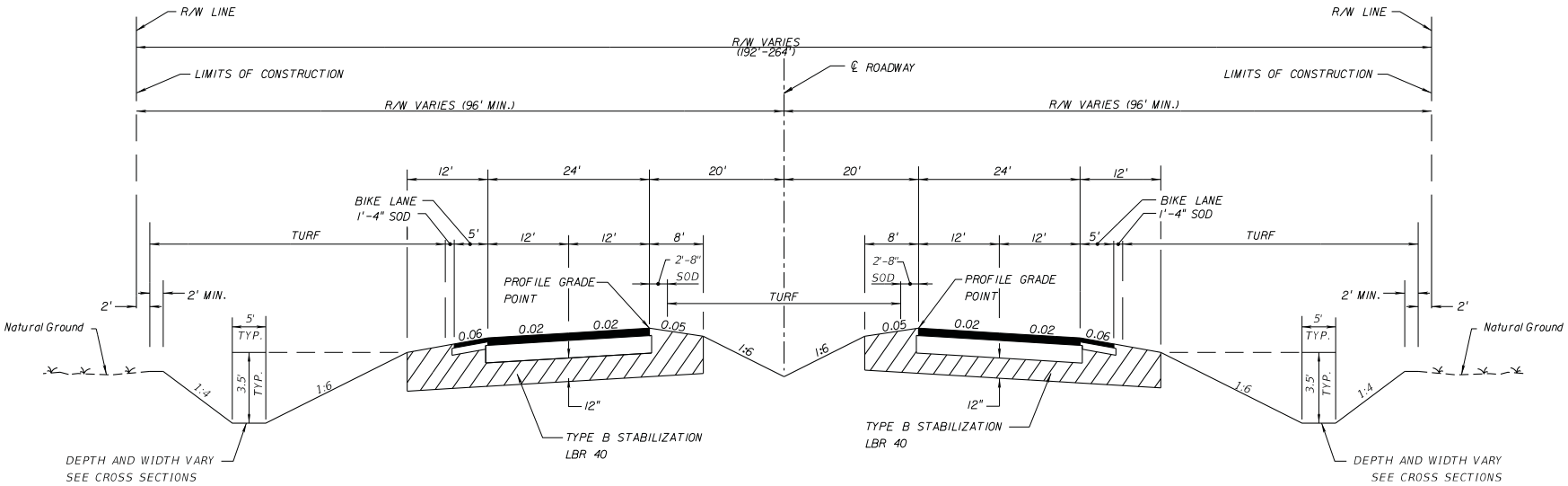
TYPICAL SECTION SHEET
ALIGNMENT 2

SHEET NO. 3

NMauntler 5/9/2013 11:51:26 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\TYPSRD07.DGN

RURAL TYPICAL SECTION
PROPOSED BUILDOUT NTS.

BUILDOUT: STA. 253+71.75 - STA. 480+00 (INCLUDES CLEAR CREEK BRIDGE)



DESIGN SPEED = 65 MPH
CLEAR ZONE = 36'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

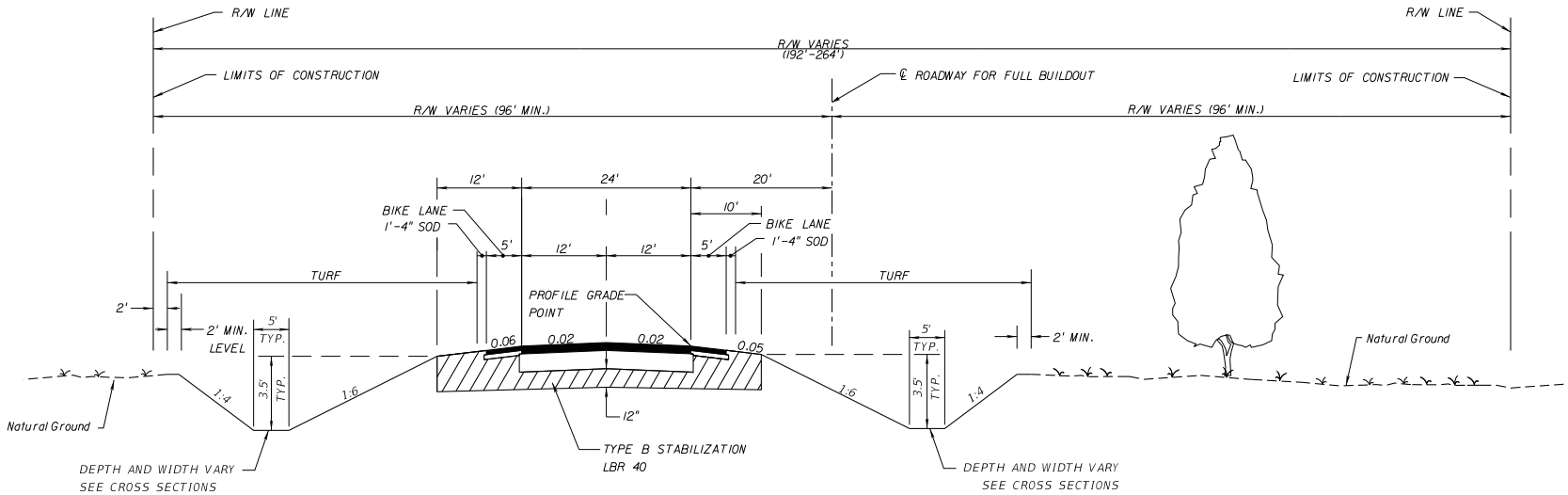
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 87	SANTA ROSA	416748-3-22-01, ETC.

TYPICAL SECTION SHEET
ALIGNMENT 2

SHEET NO. 4

RURAL TYPICAL SECTION
PROPOSED INTERIM NTS.

INTERIM: STA. 253+71.75 - STA. 480+00 (INCLUDES CLEAR CREEK BRIDGE)



DESIGN SPEED = 65 MPH
CLEAR ZONE = 36'

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

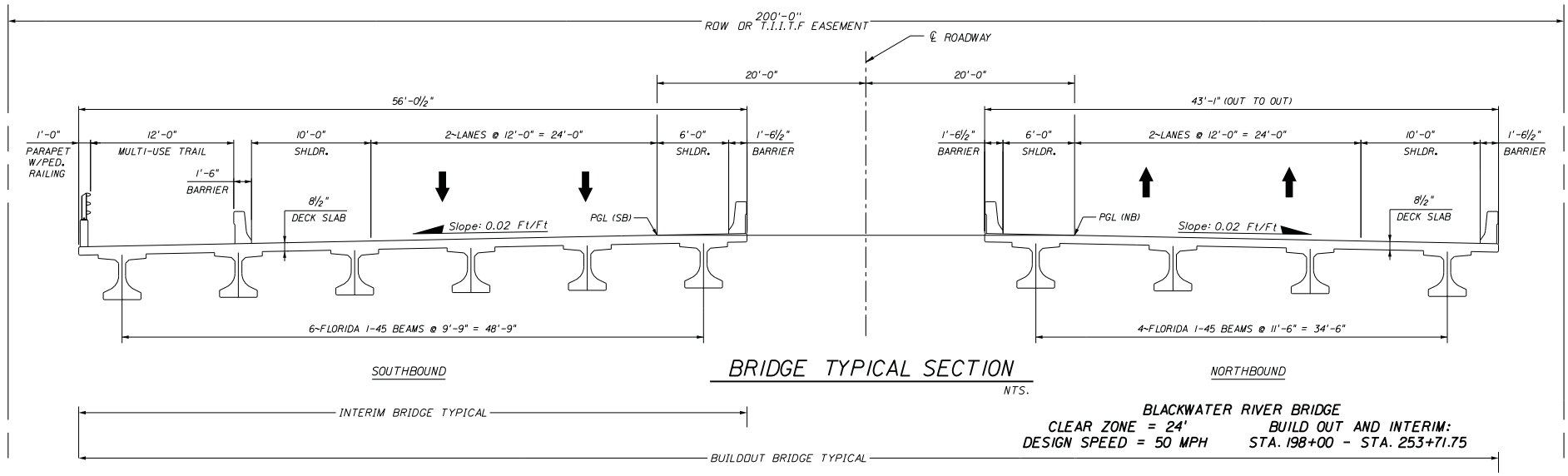
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TYPICAL SECTION SHEET
ALIGNMENT 2

SHEET NO. 5

NMauntler 5/9/2013 11:51:28 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\TYPSRD09.DGN



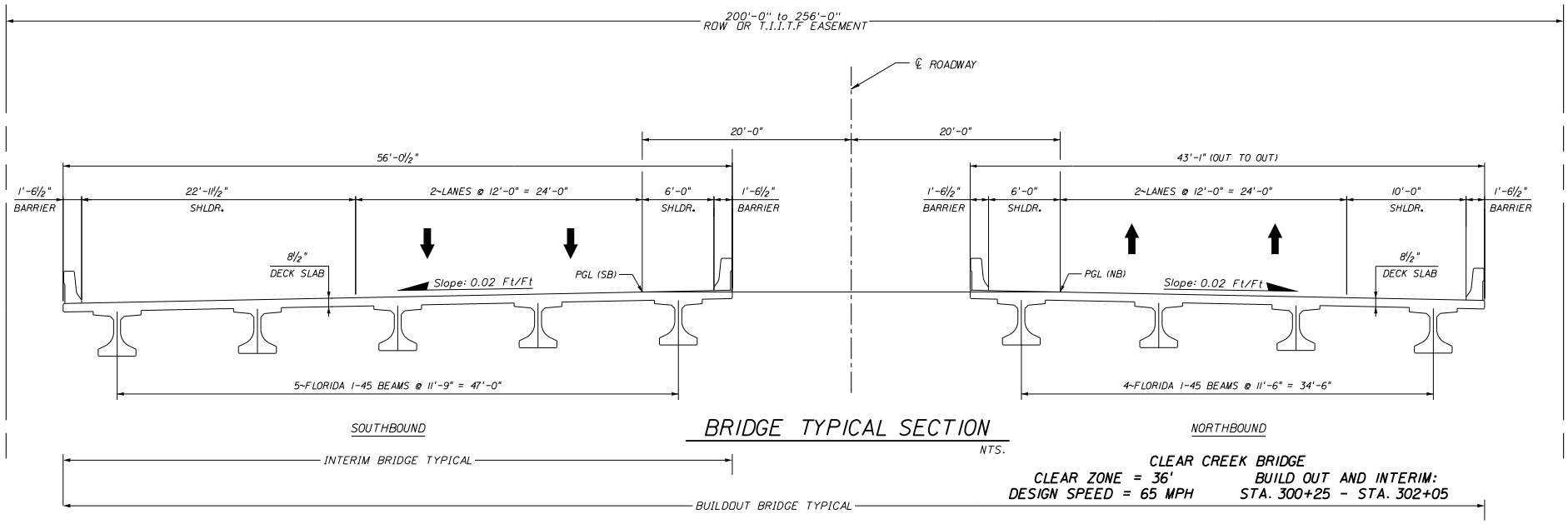
BRIDGE TYPICAL SECTION

NTS.

BLACKWATER RIVER BRIDGE

CLEAR ZONE = 24'
DESIGN SPEED = 50 MPH

BUILD OUT AND INTERIM:
STA. 198+00 - STA. 253+71.75



BRIDGE TYPICAL SECTION

NTS.

CLEAR CREEK BRIDGE

CLEAR ZONE = 36'
DESIGN SPEED = 65 MPH

BUILD OUT AND INTERIM:
STA. 300+25 - STA. 302+05

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

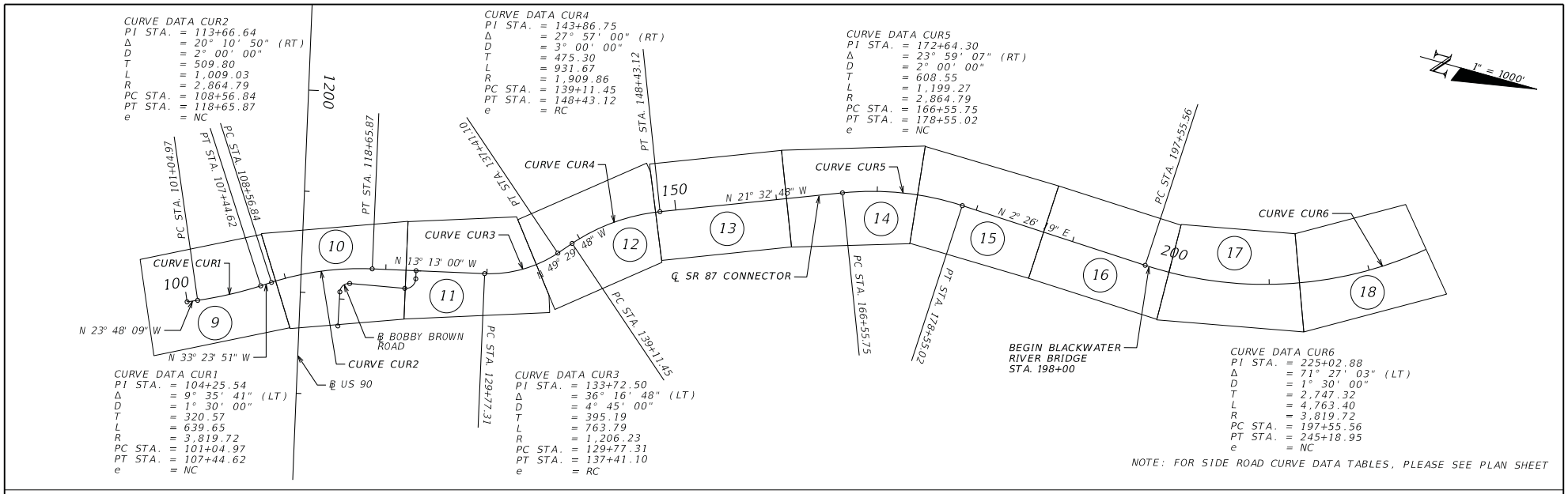
● ENGINEERS
● PLANNERS
● SURVEYORS

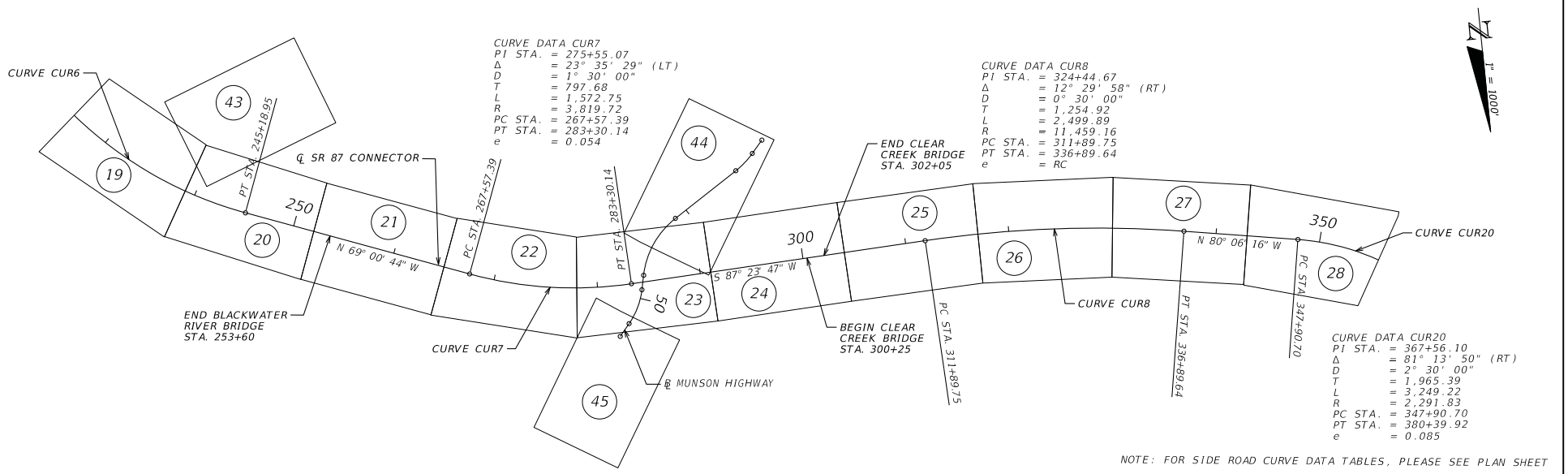
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TYPICAL SECTION SHEET
ALIGNMENT 2

SHEET NO. 6





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

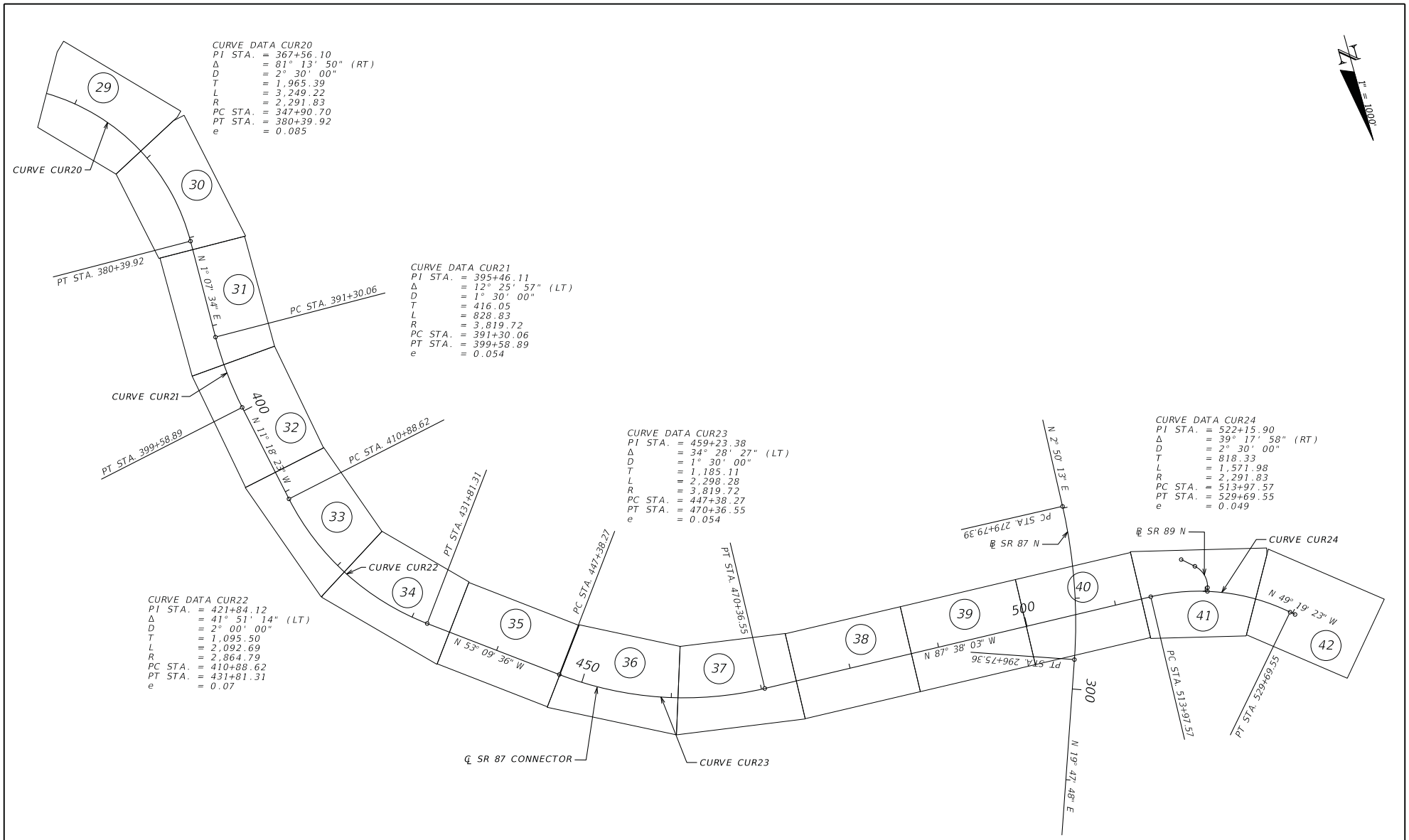
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROJECT LAYOUT ALIGNMENT 2

SHEET NO. 7

NMauntler 5/9/2013 11:51:31 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLAYRD02.DGN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

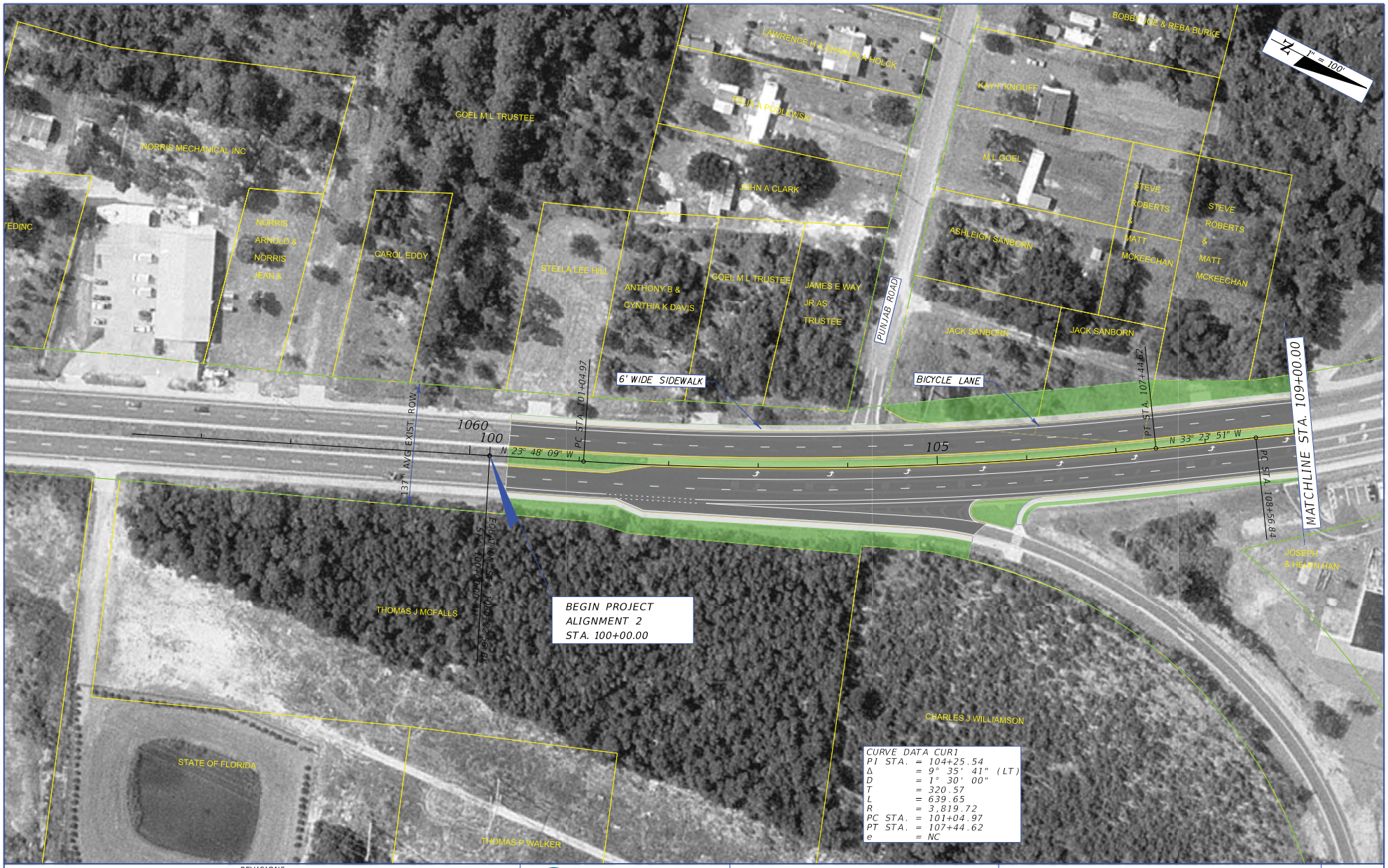
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROJECT LAYOUT ALIGNMENT 2

SHEET NO. 8

NMauntler 5/9/2013 11:51:31 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLAYRD02.DGN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

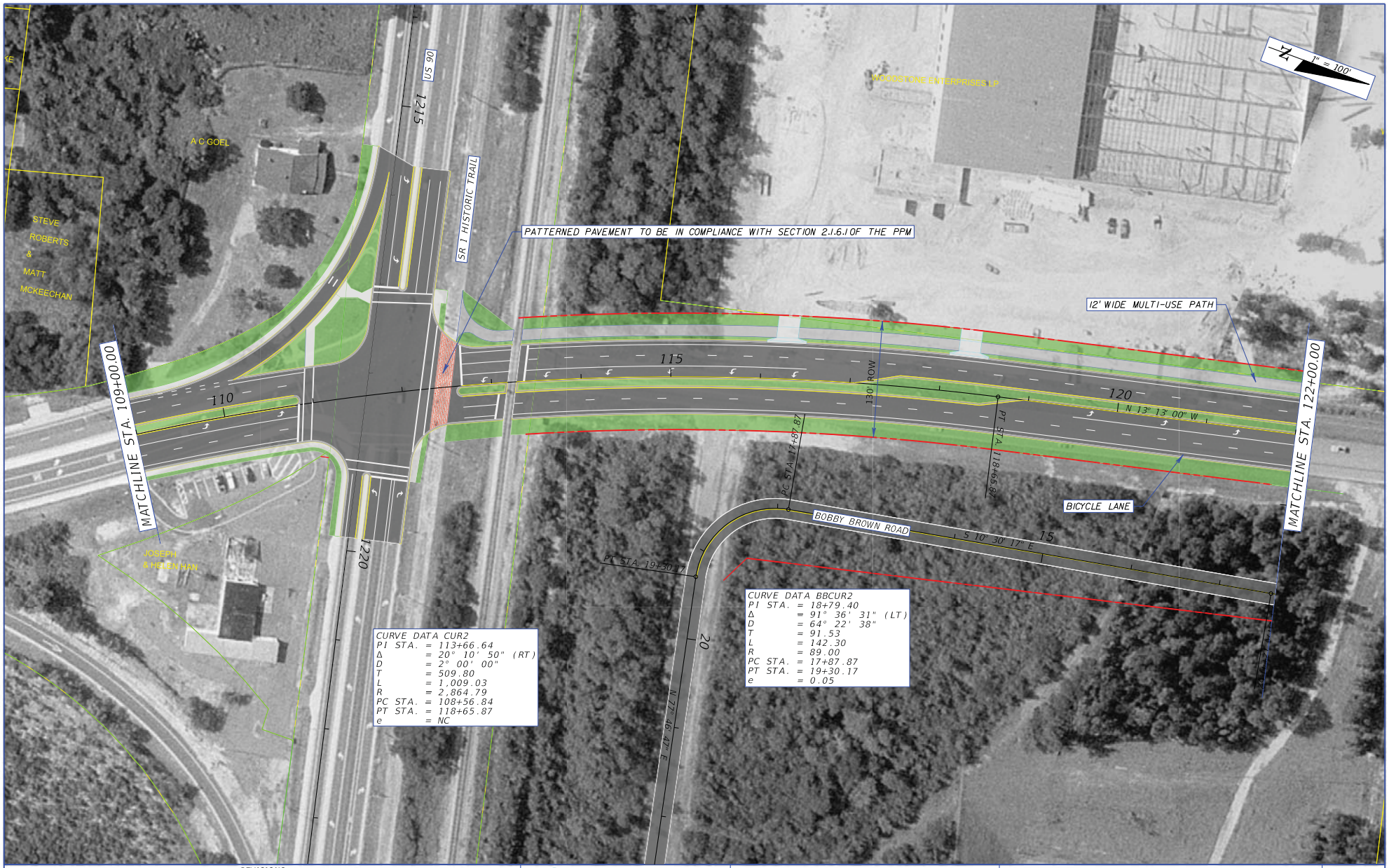
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
9

NMauntler 5/9/2013 11:51:52 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD37.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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

NMauntler 5/9/2013 11:52:04 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD38.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

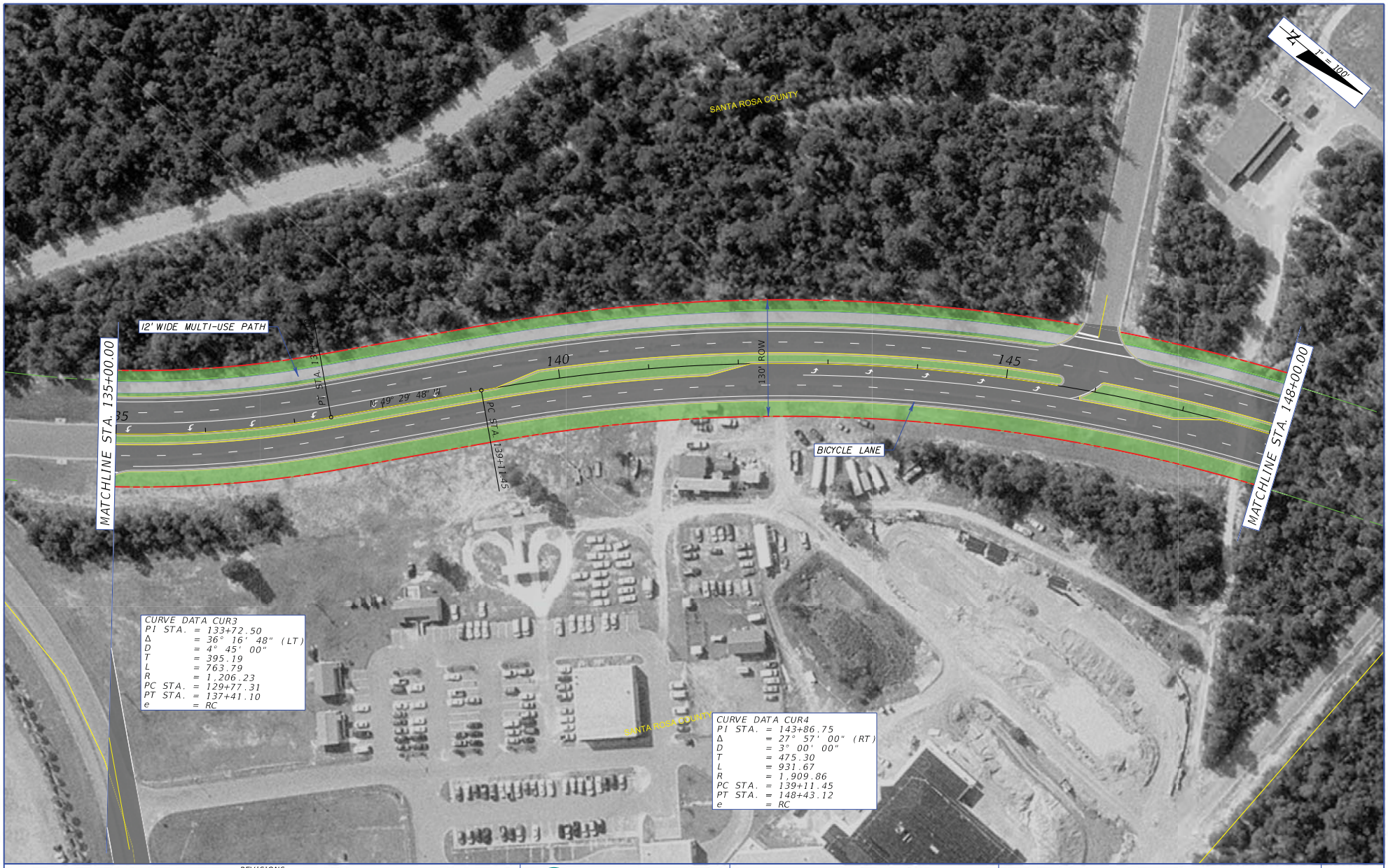
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 11

NMauntler 5/9/2013 11:52:15 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD39.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

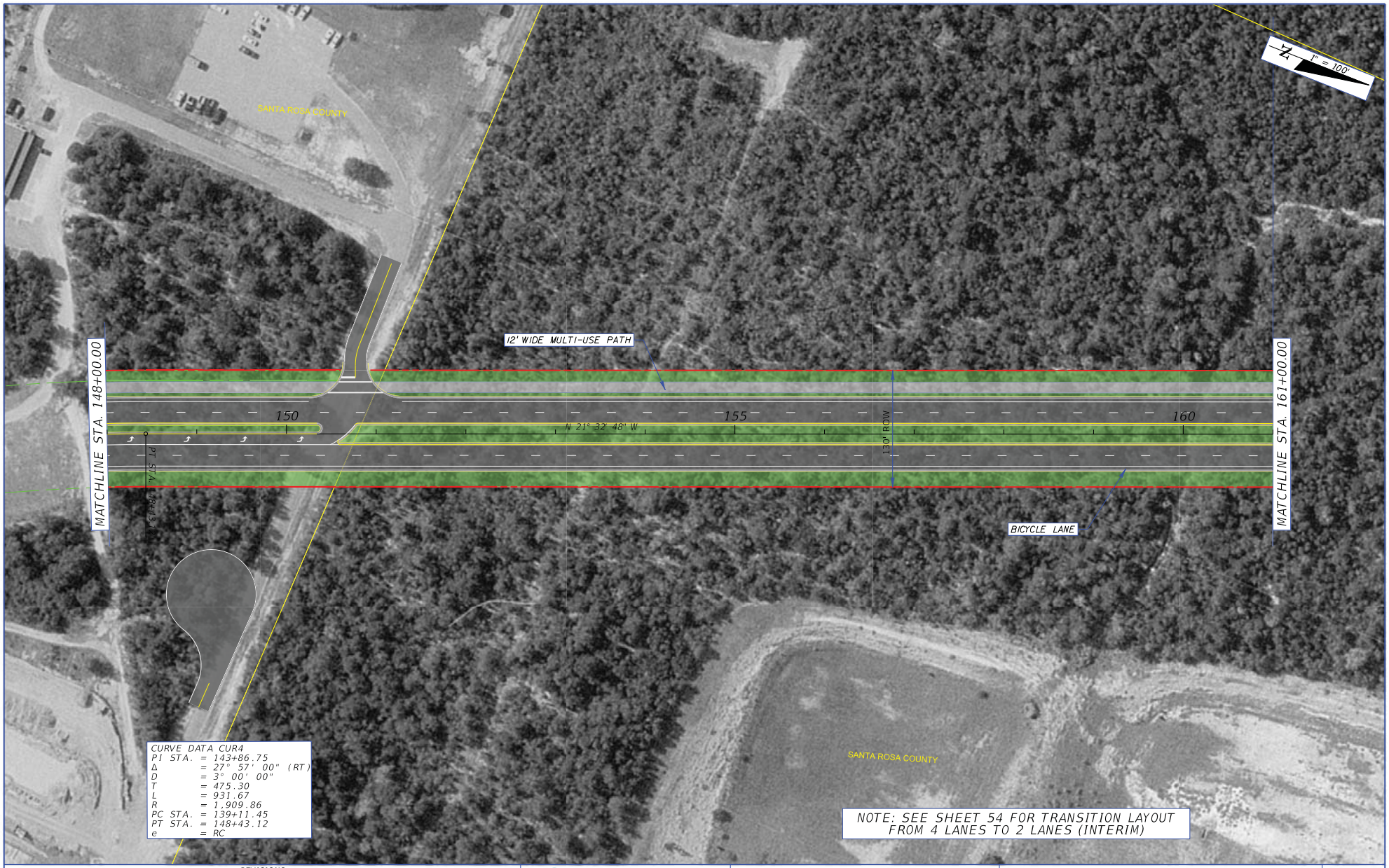
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 12

NMauntler 5/9/2013 11:52:27 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD40.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

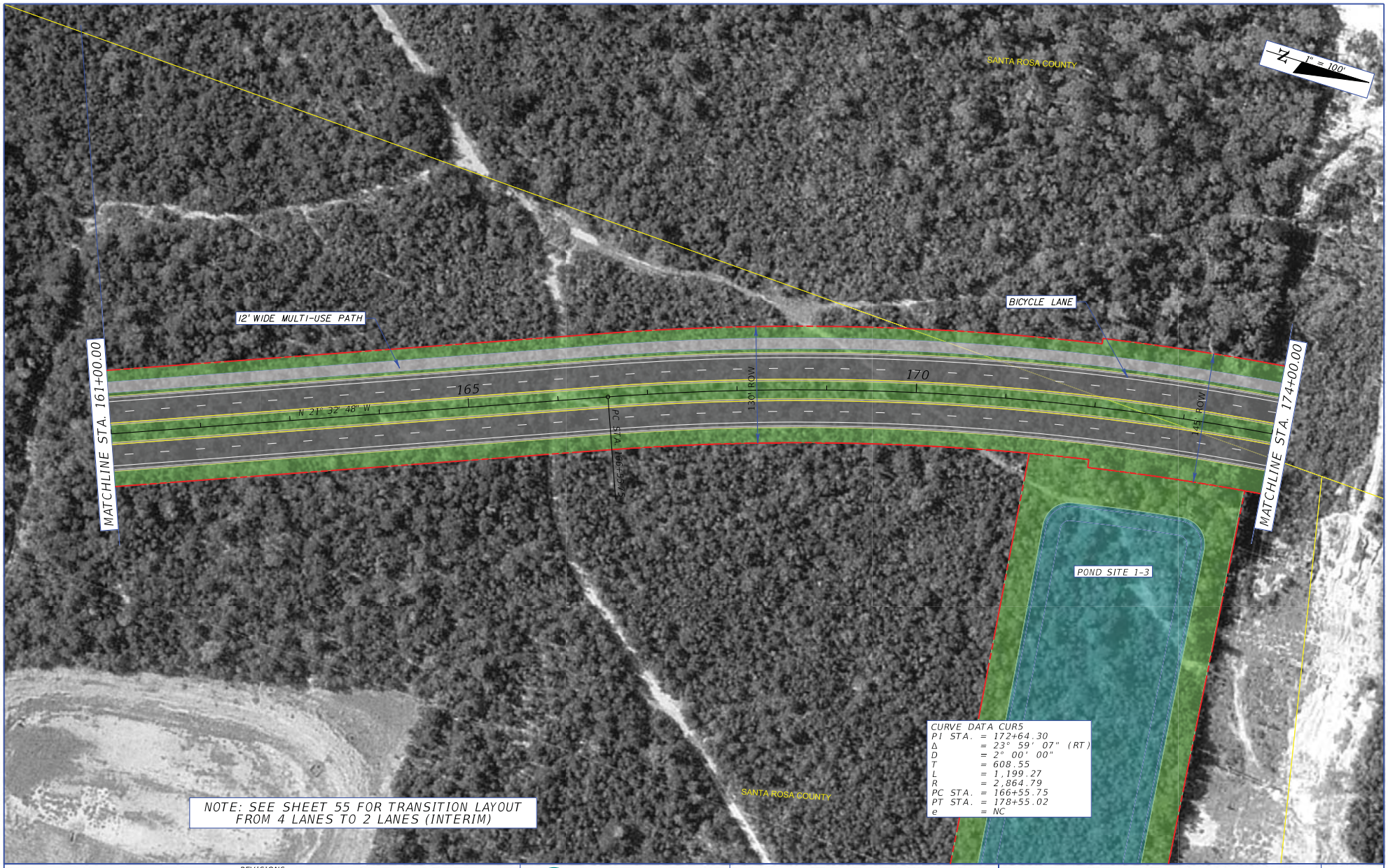
● ENGINEERS
● PLANNERS
● SURVEYORS

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. 13



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

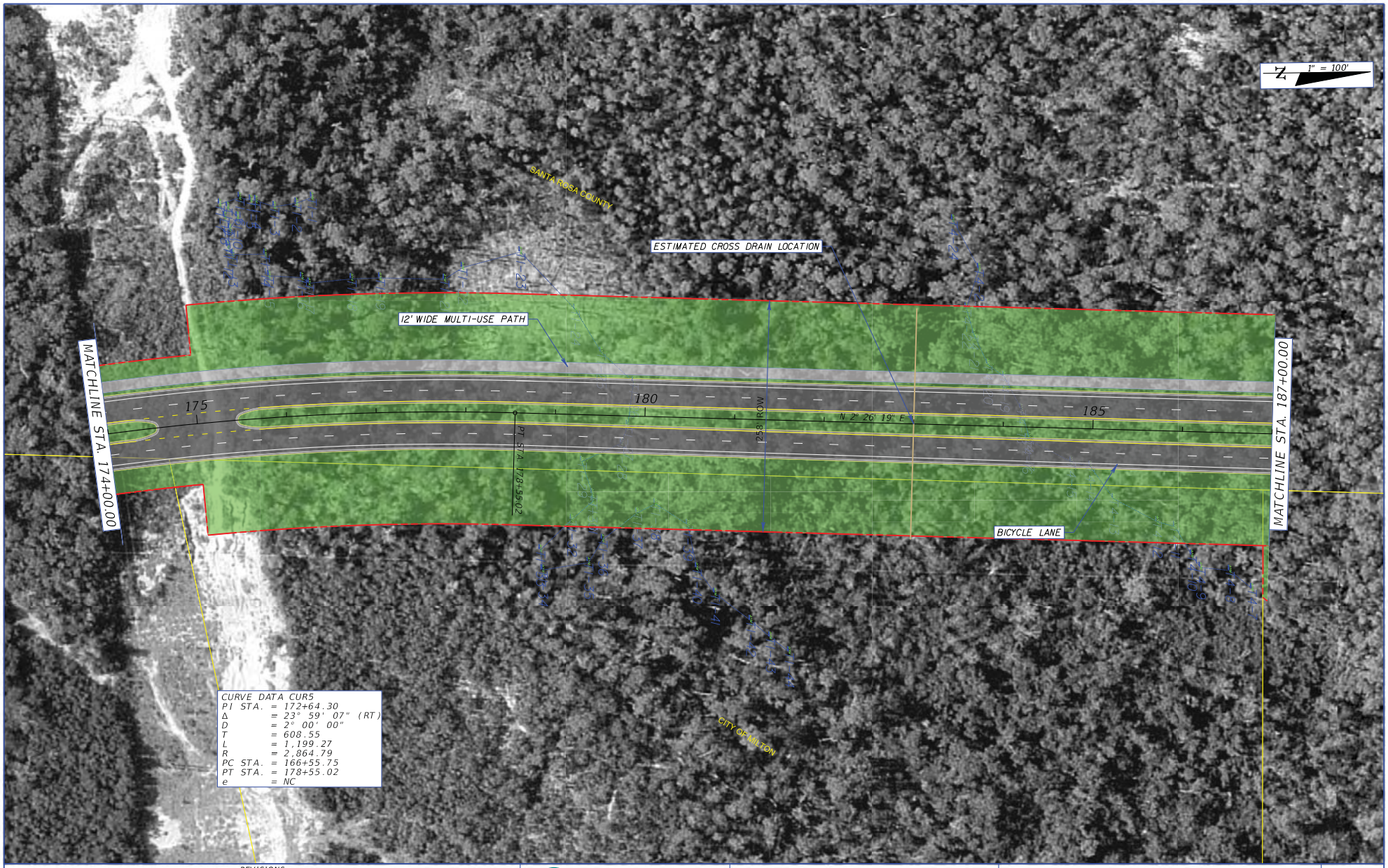
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 14

NMauntler 5/9/2013 11:52:48 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD42.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

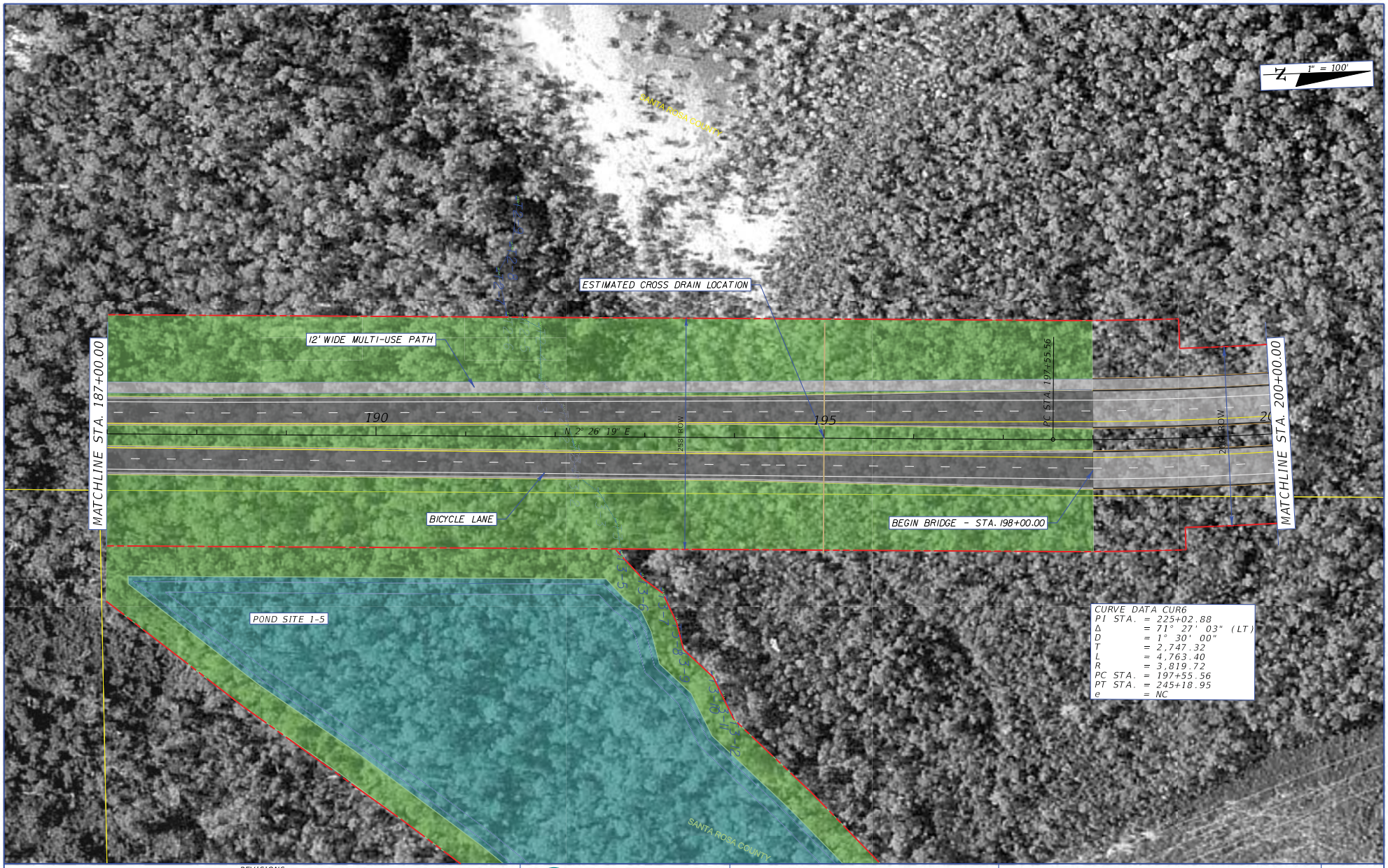
● ENGINEERS
● PLANNERS
● SURVEYORS

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. 15



CURVE DATA CUR6

PI STA.	=	225+02.88
Δ	=	71° 27' 03" (LT)
D	=	1° 30' 00"
T	=	2,747.32
L	=	4,763.40
R	=	3,819.72
PC STA.	=	197+55.56
PT STA.	=	245+18.95
e	=	NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

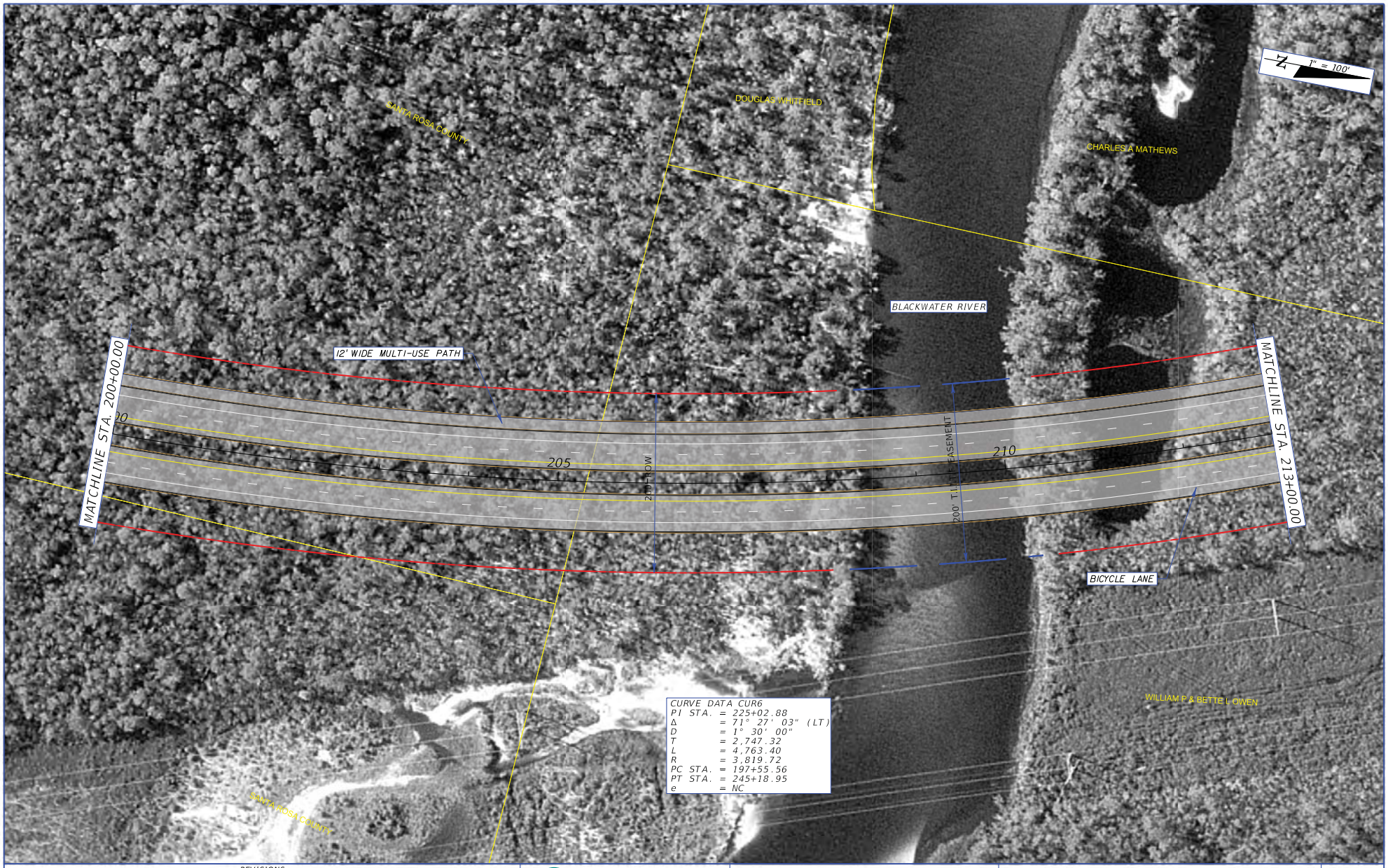
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 16

NMauntler 5/9/2013 11:53:10 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD44.dgn



CURVE DATA CUR6
PI STA. = 225+02.88
Δ = 71° 27' 03" (LT)
D = 1° 30' 00"
T = 2,747.32
L = 4,763.40
R = 3,819.72
PC STA. = 197+55.56
PT STA. = 245+18.95
e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

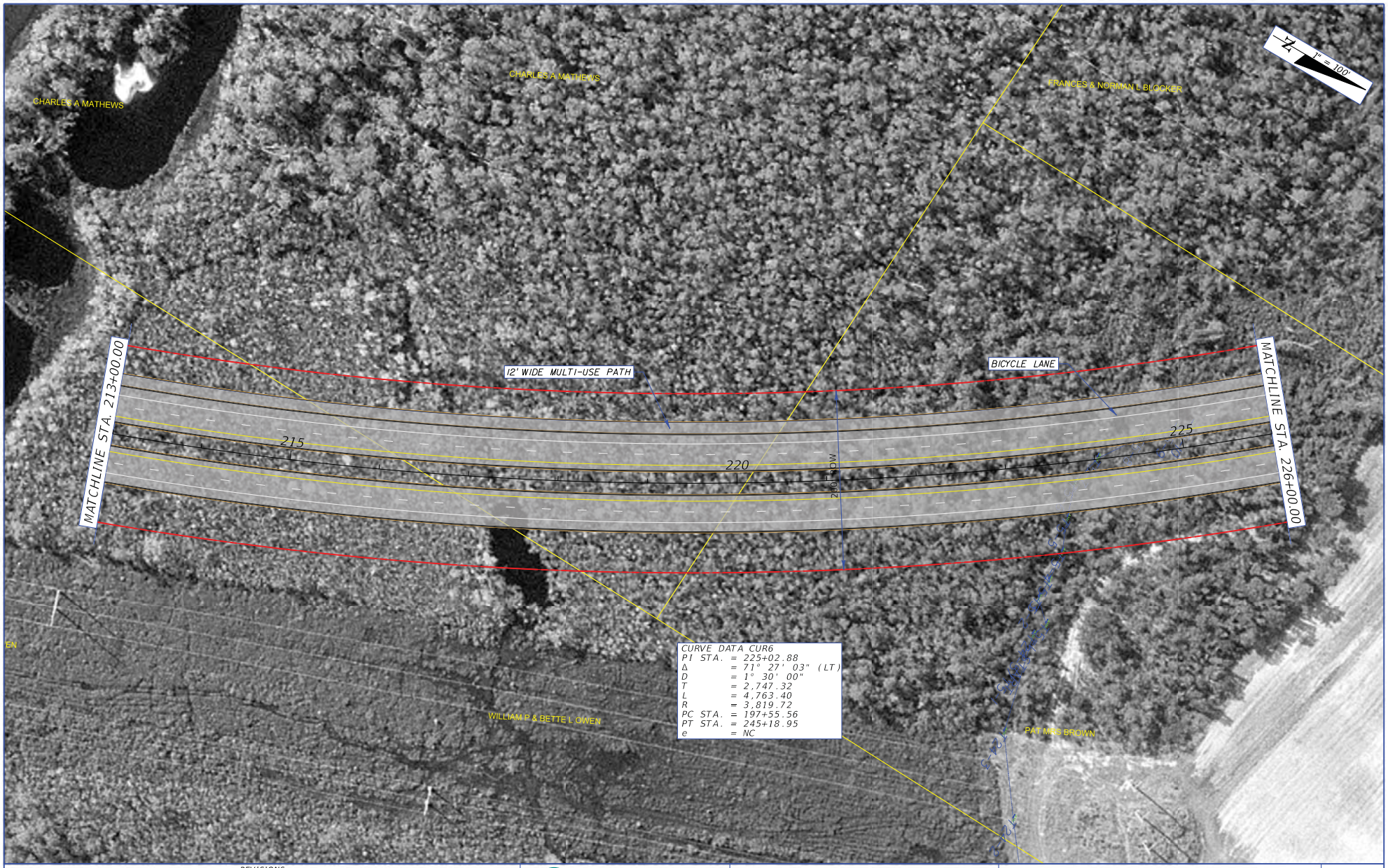
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
17

NMauntler 5/9/2013 11:53:21 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD45.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

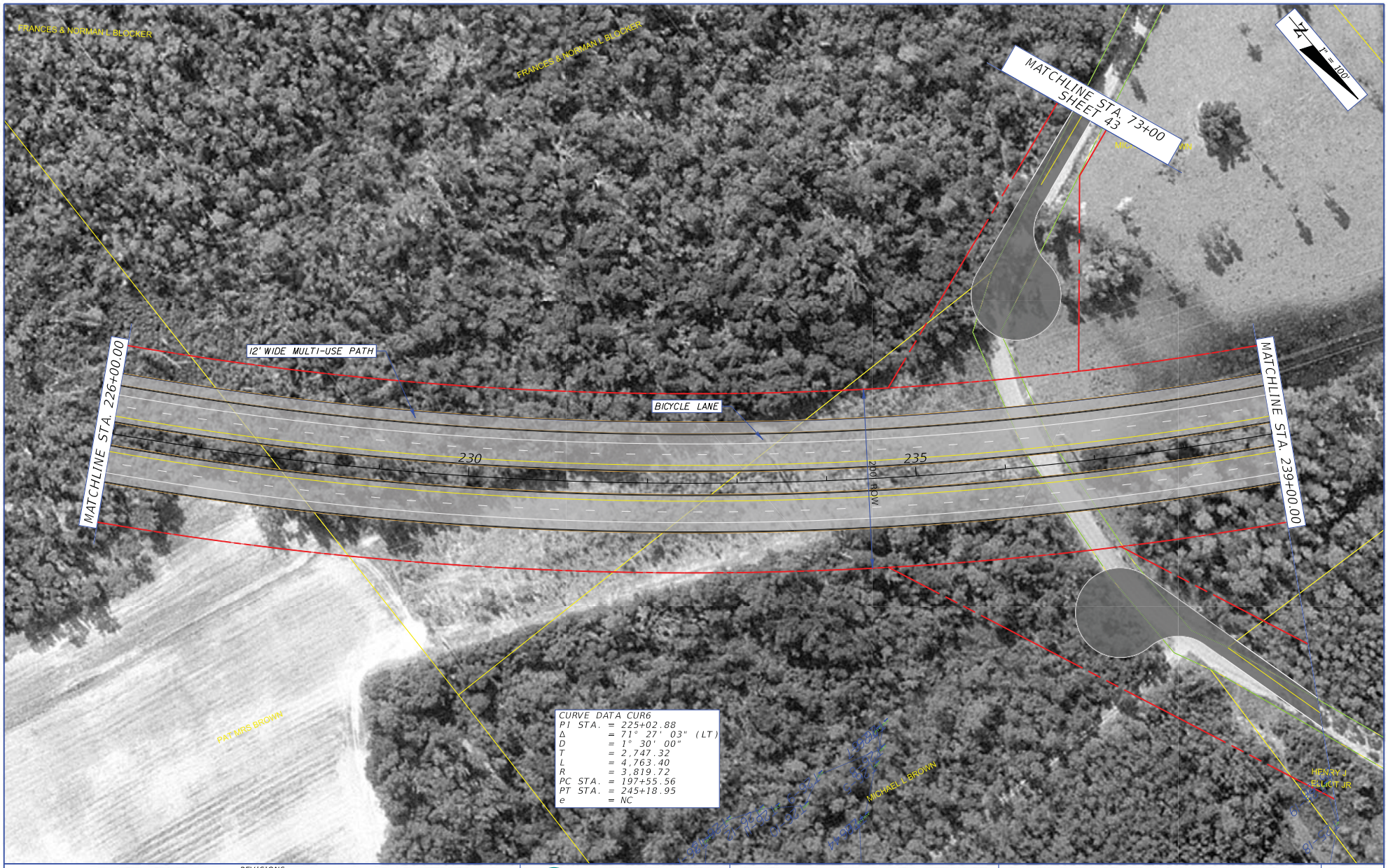
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
18

NMauntler 5/9/2013 11:53:33 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD46.dgn



CURVE DATA CUR6
PI STA. = 225+02.88
Δ = 71° 27' 03" (LT)
D = 1° 30' 00"
T = 2,747.32
L = 4,763.40
R = 3,819.72
PC STA. = 197+55.56
PT STA. = 245+18.95
e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

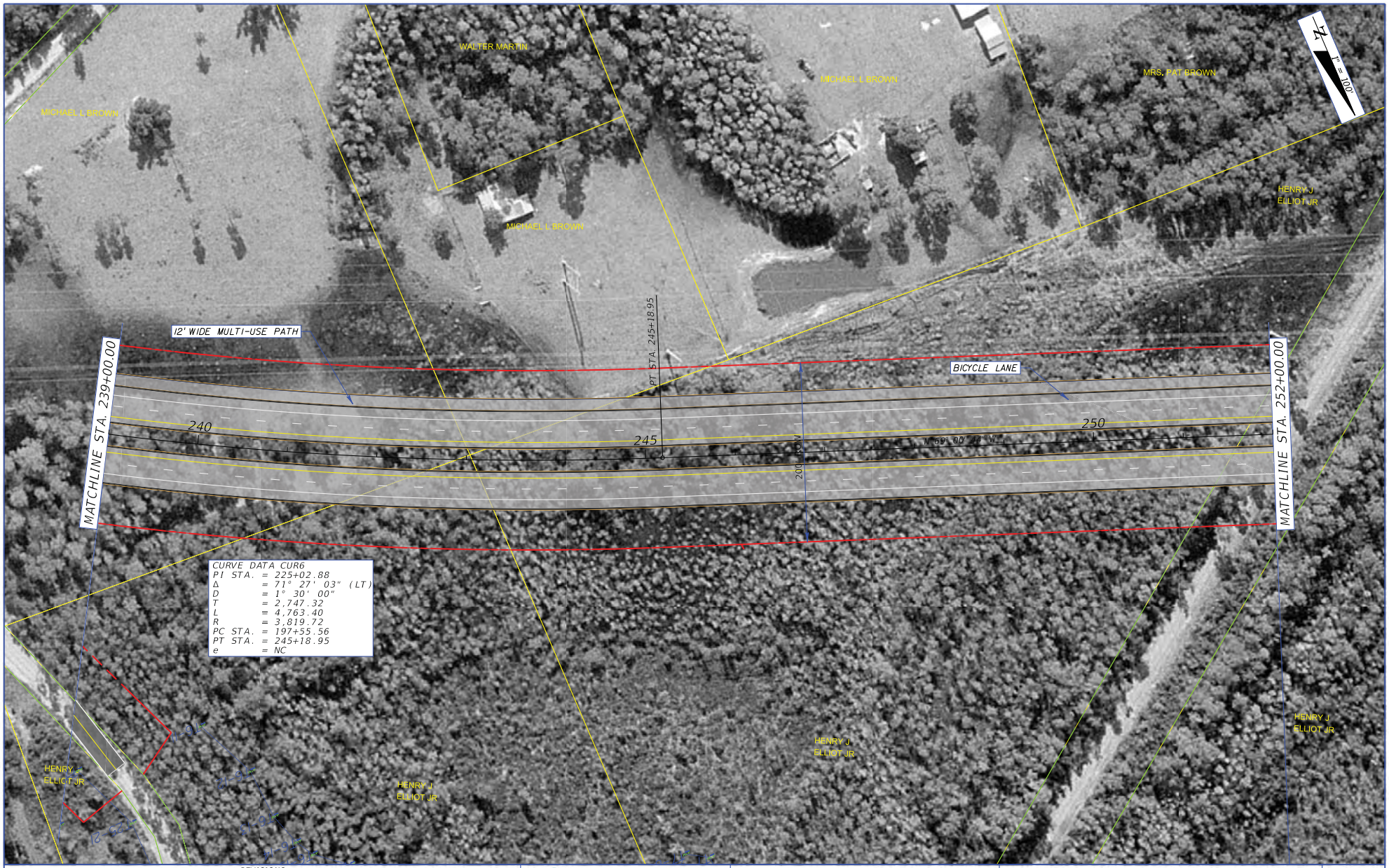
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
19

NMauntler 5/9/2013 11:53:45 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD47.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

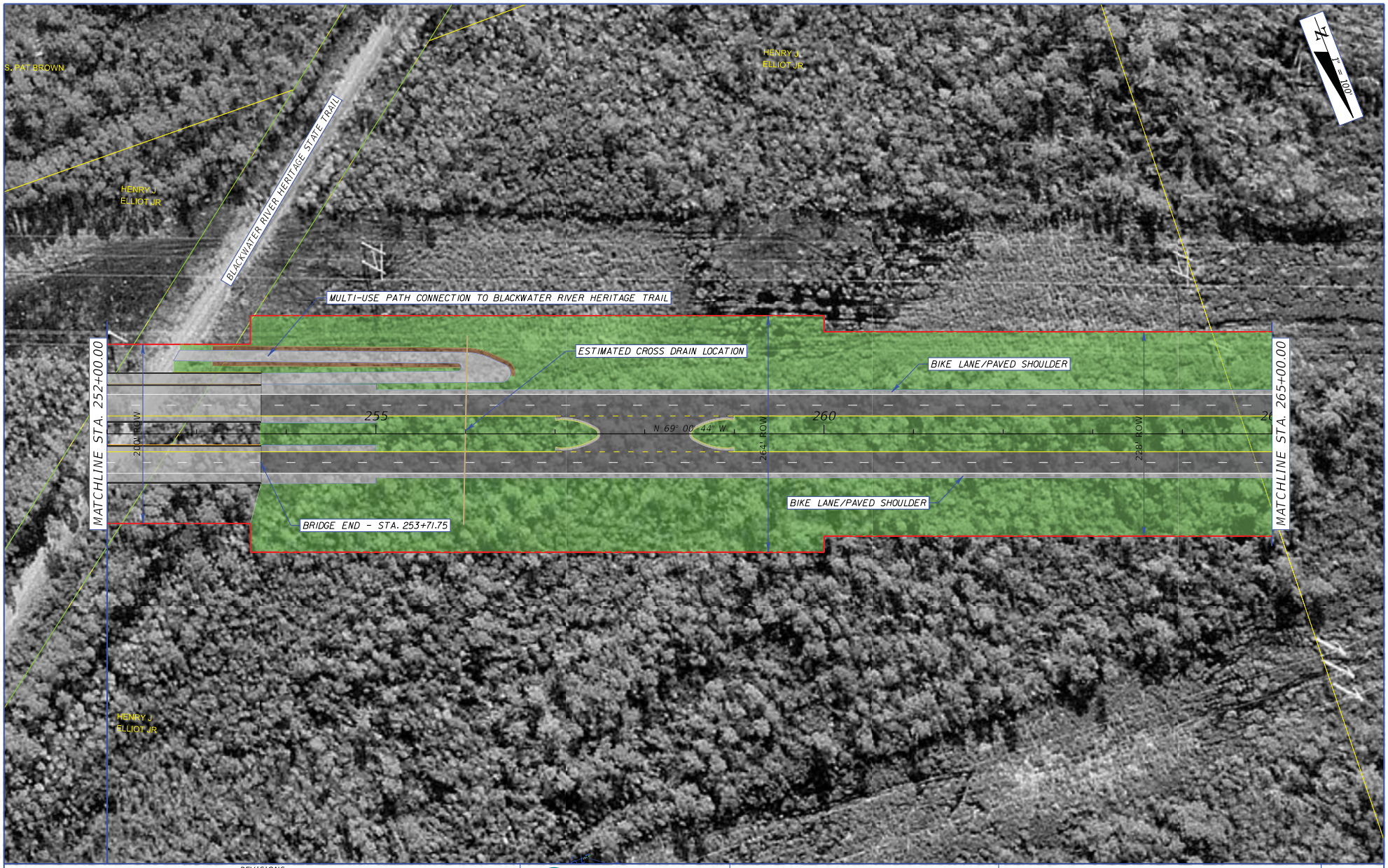
● ENGINEERS
● PLANNERS
● SURVEYORS

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			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

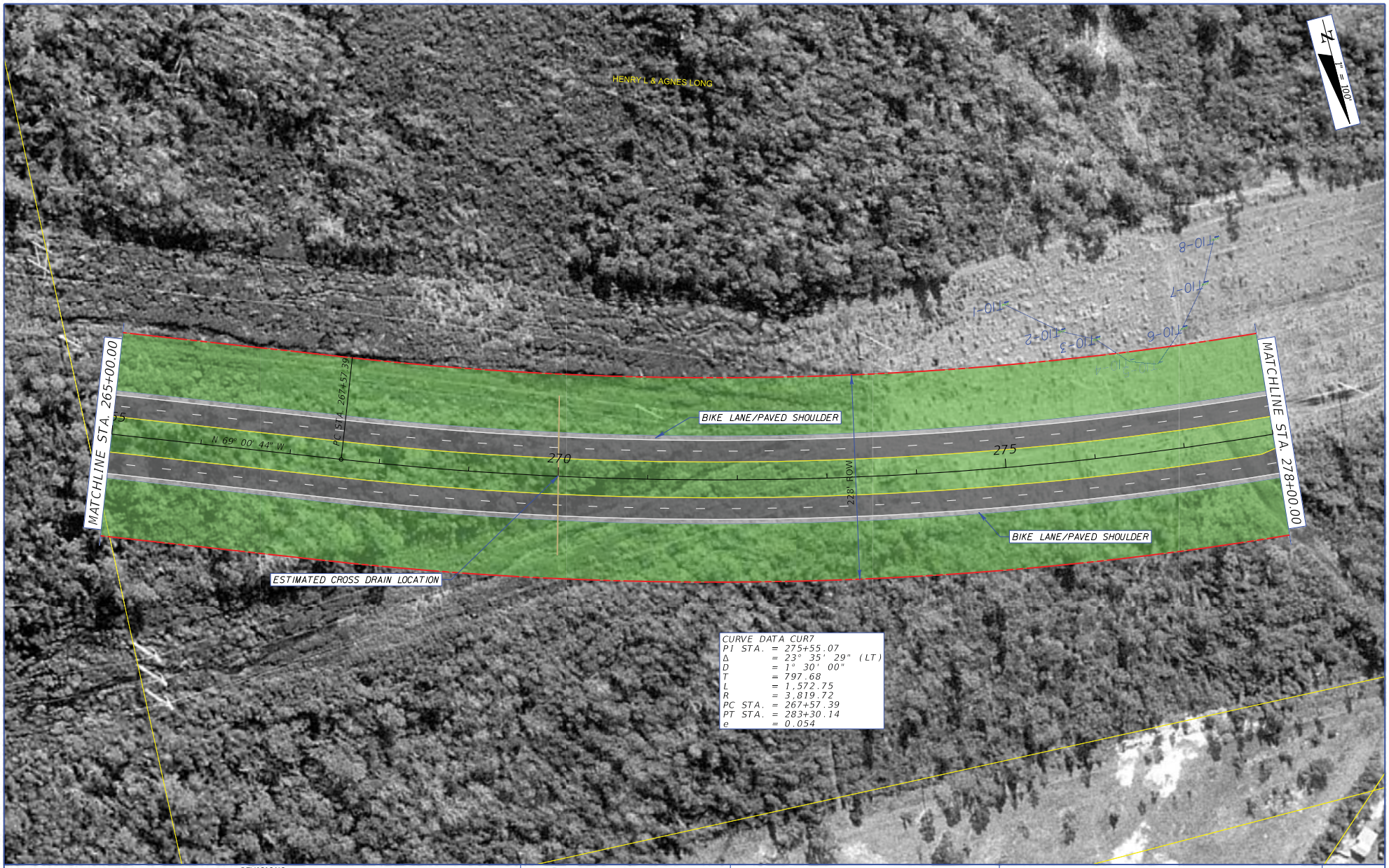
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 21

NMauntler 5/9/2013 11:54:07 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD49.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

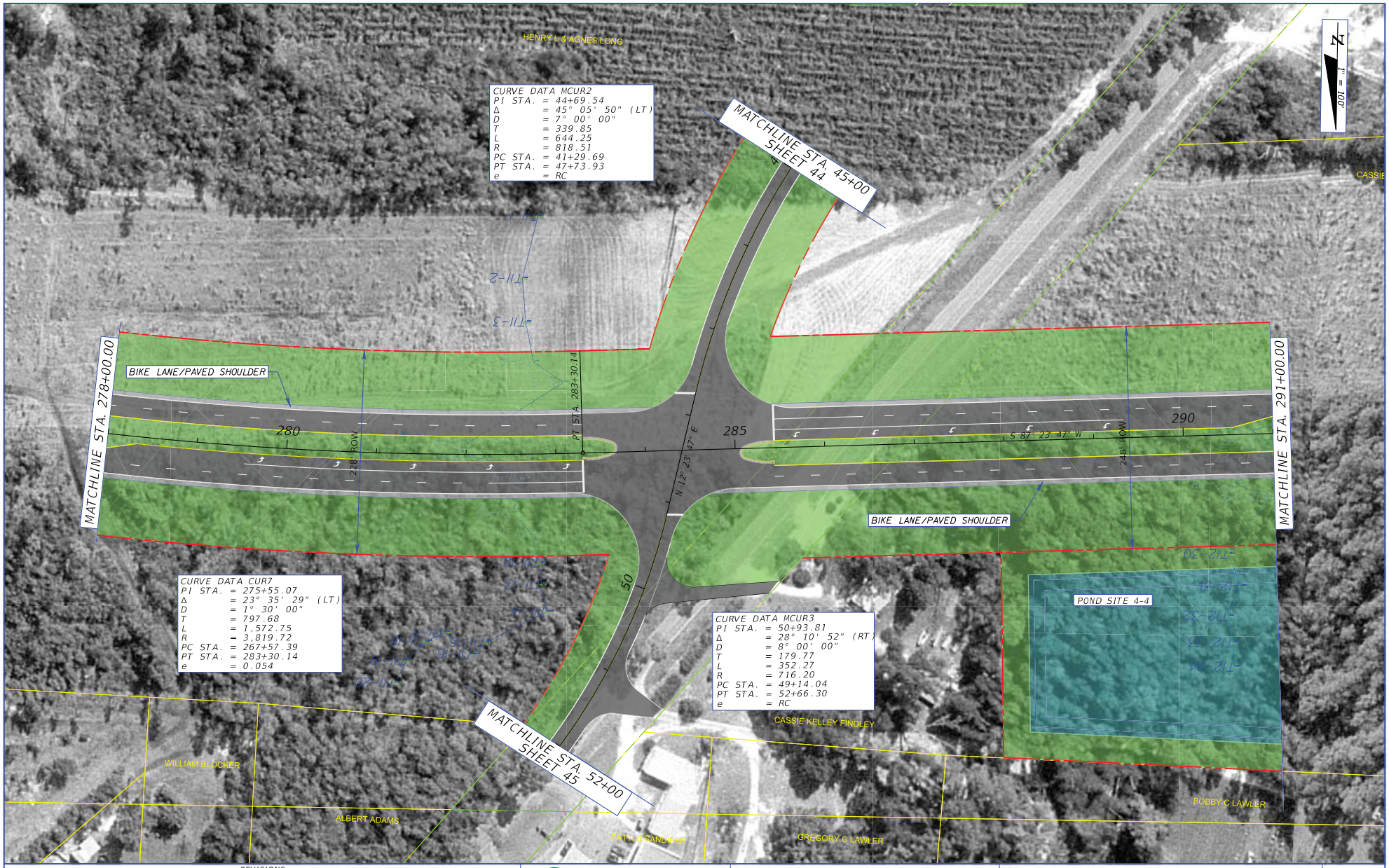
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
22

NMauntler 5/9/2013 11:54:18 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD50.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

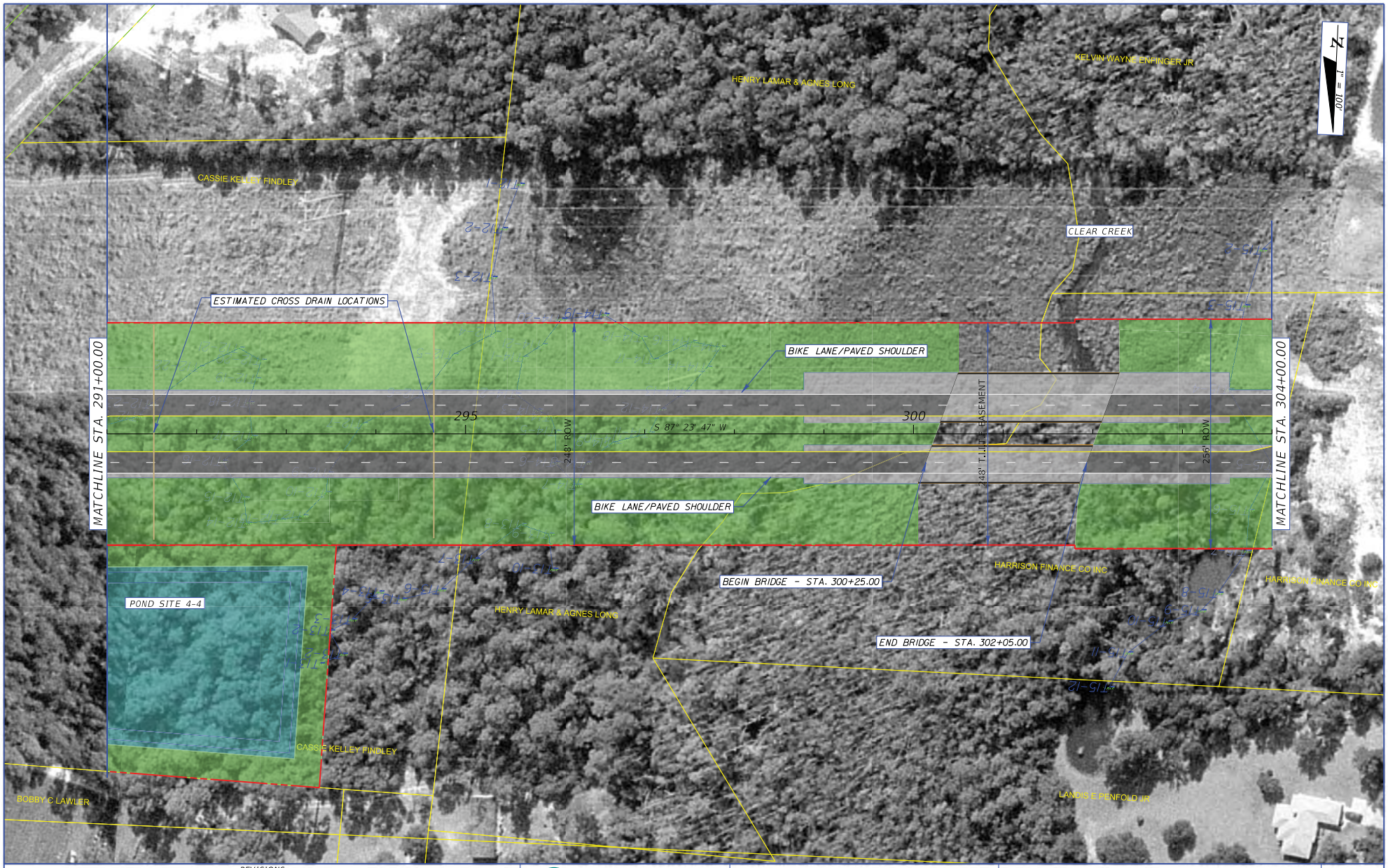
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
23

NMauntler 5/9/2013 11:54:30 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD51.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

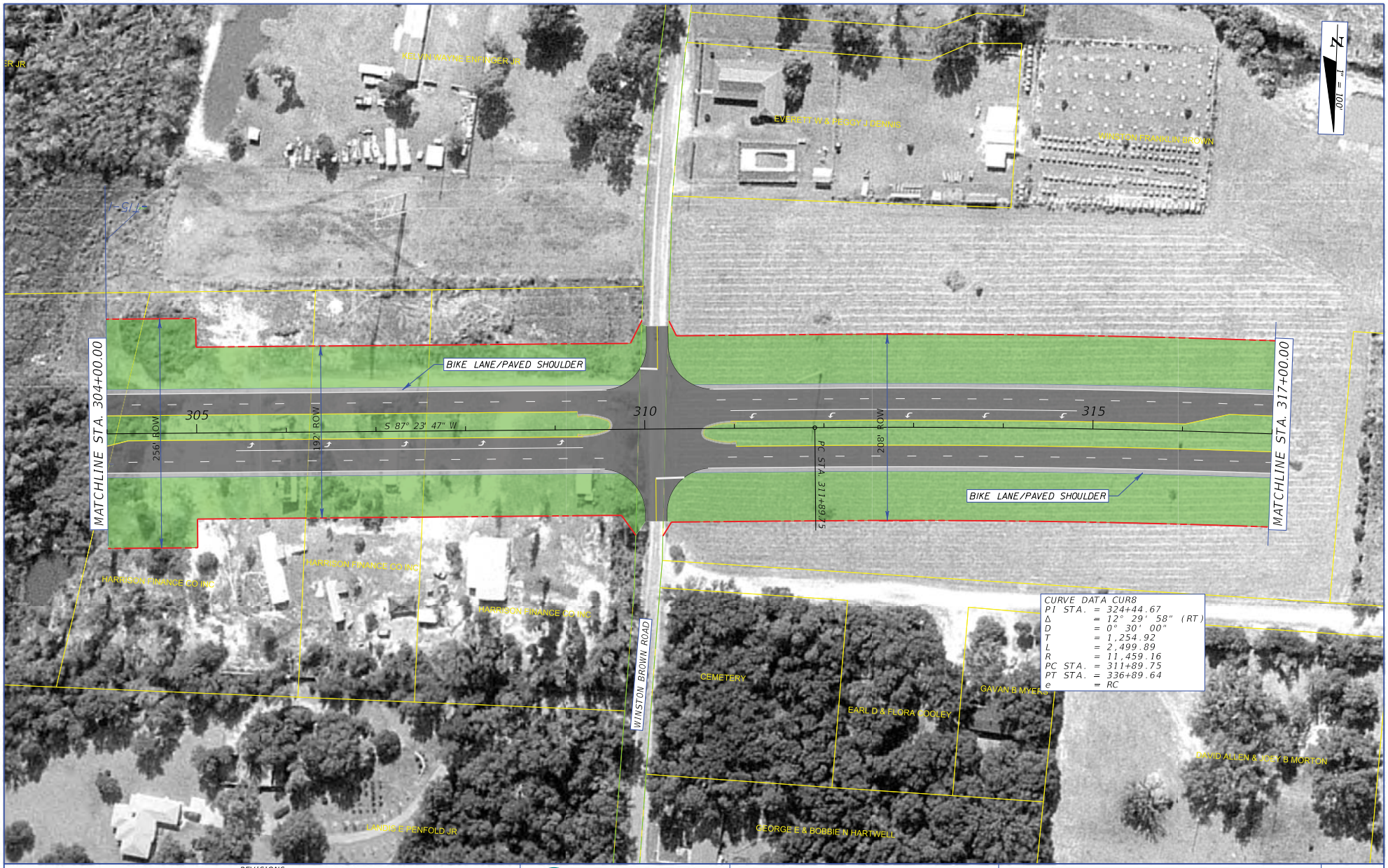
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 24

NMauntler 5/9/2013 11:54:42 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD52.dgn



CURVE DATA CUR8

PI STA.	=	324+44.67
Δ	=	12° 29' 58" (RT)
D	=	0° 30' 00"
T	=	1,254.92
L	=	2,499.89
R	=	11,459.16
PC STA.	=	311+89.75
PT STA.	=	336+89.64
e	=	RC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

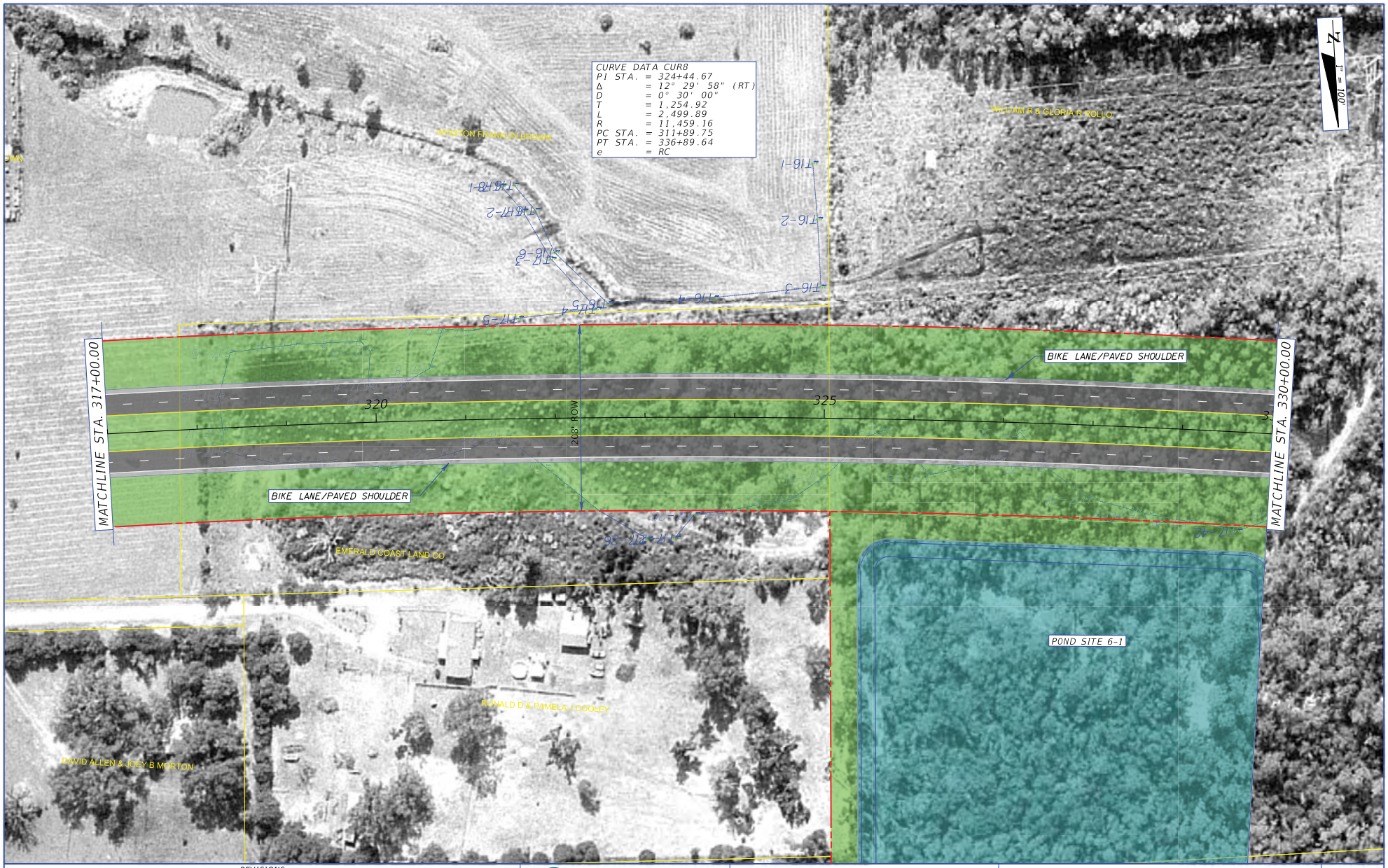
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 25

NMauntler 5/9/2013 11:54:55 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD53.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

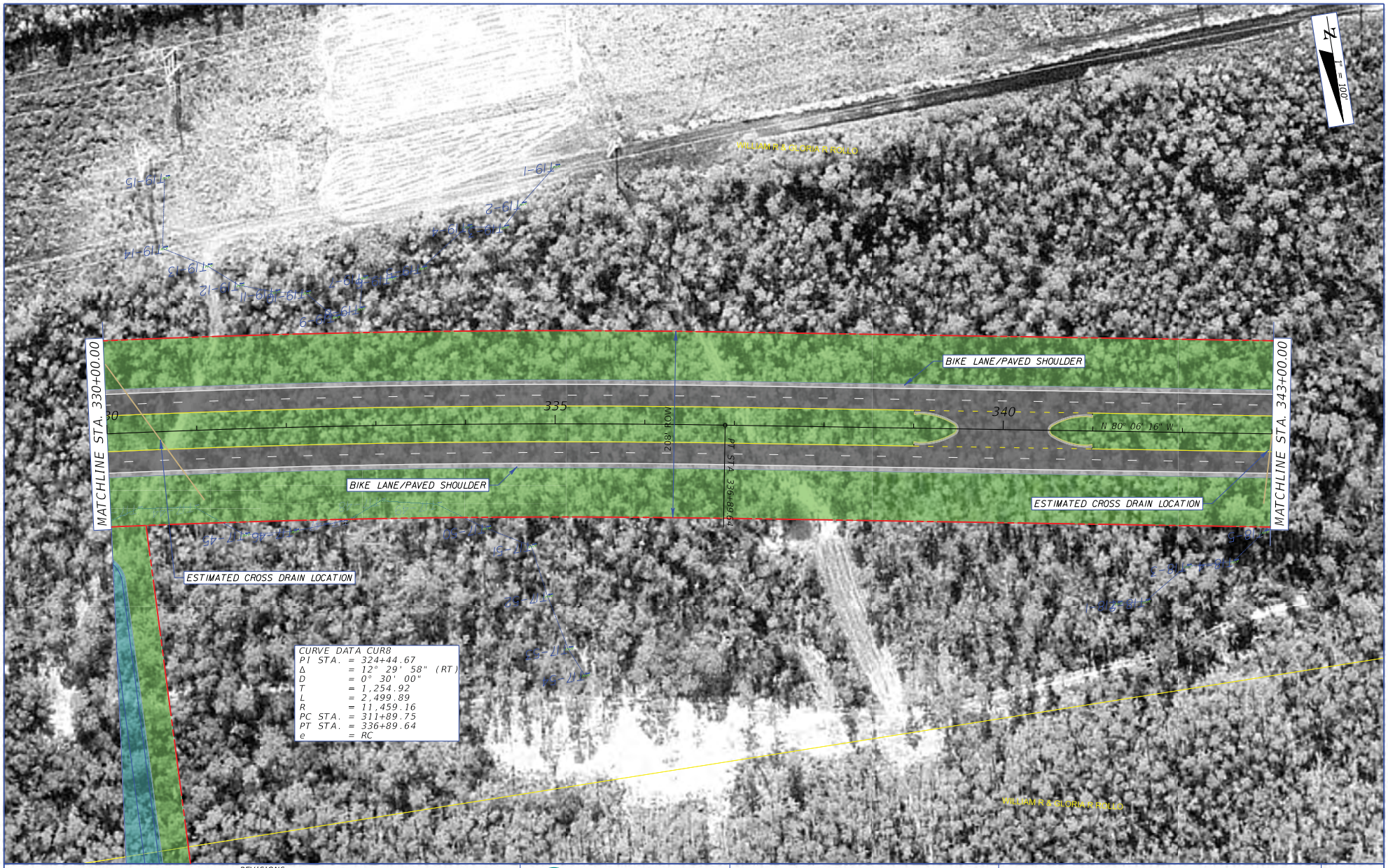
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 26

NMauntler 5/9/2013 11:55:08 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD54.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

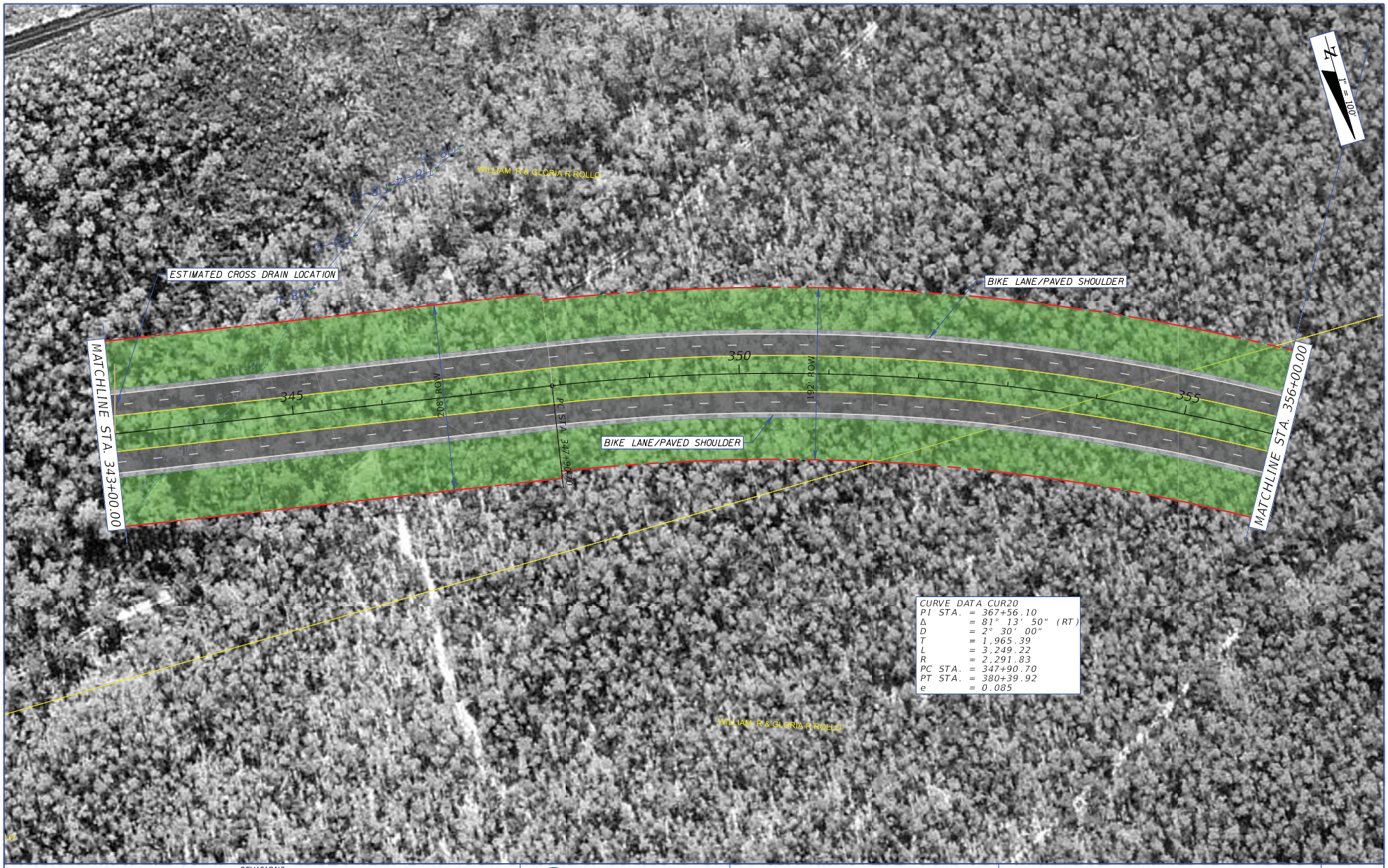
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
27

NMauntler 5/9/2013 11:55:21 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD55.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

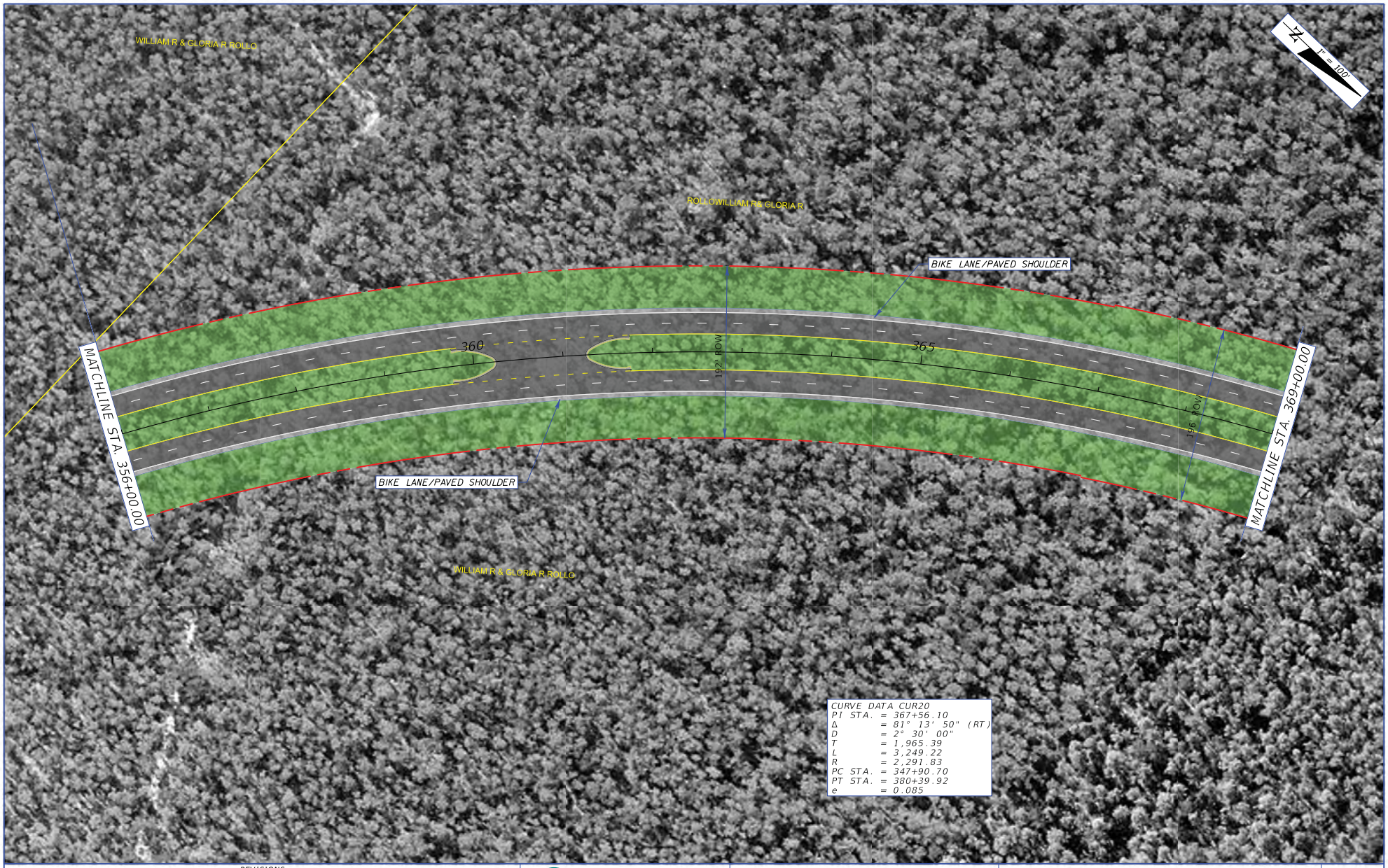
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 28

NMauntler 5/9/2013 11:55:33 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD56.dgn



CURVE DATA CUR20
PI STA. = 367+56.10
Δ = 81° 13' 50" (RT)
D = 2° 30' 00"
T = 1,965.39
L = 3,249.22
R = 2,291.83
PC STA. = 347+90.70
PT STA. = 380+39.92
e = 0.085

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

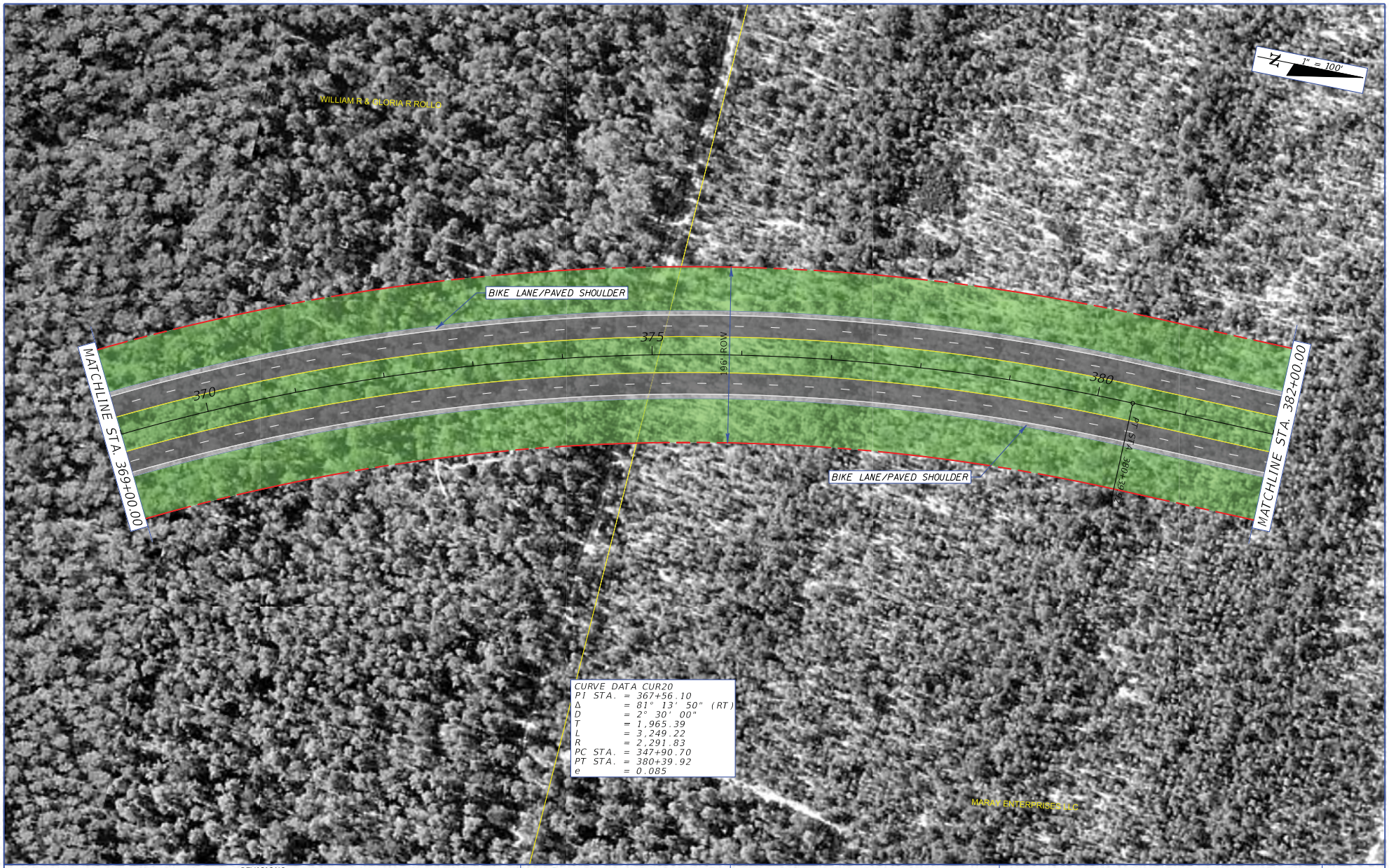
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 29

NMauntler 5/9/2013 11:55:44 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD57.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

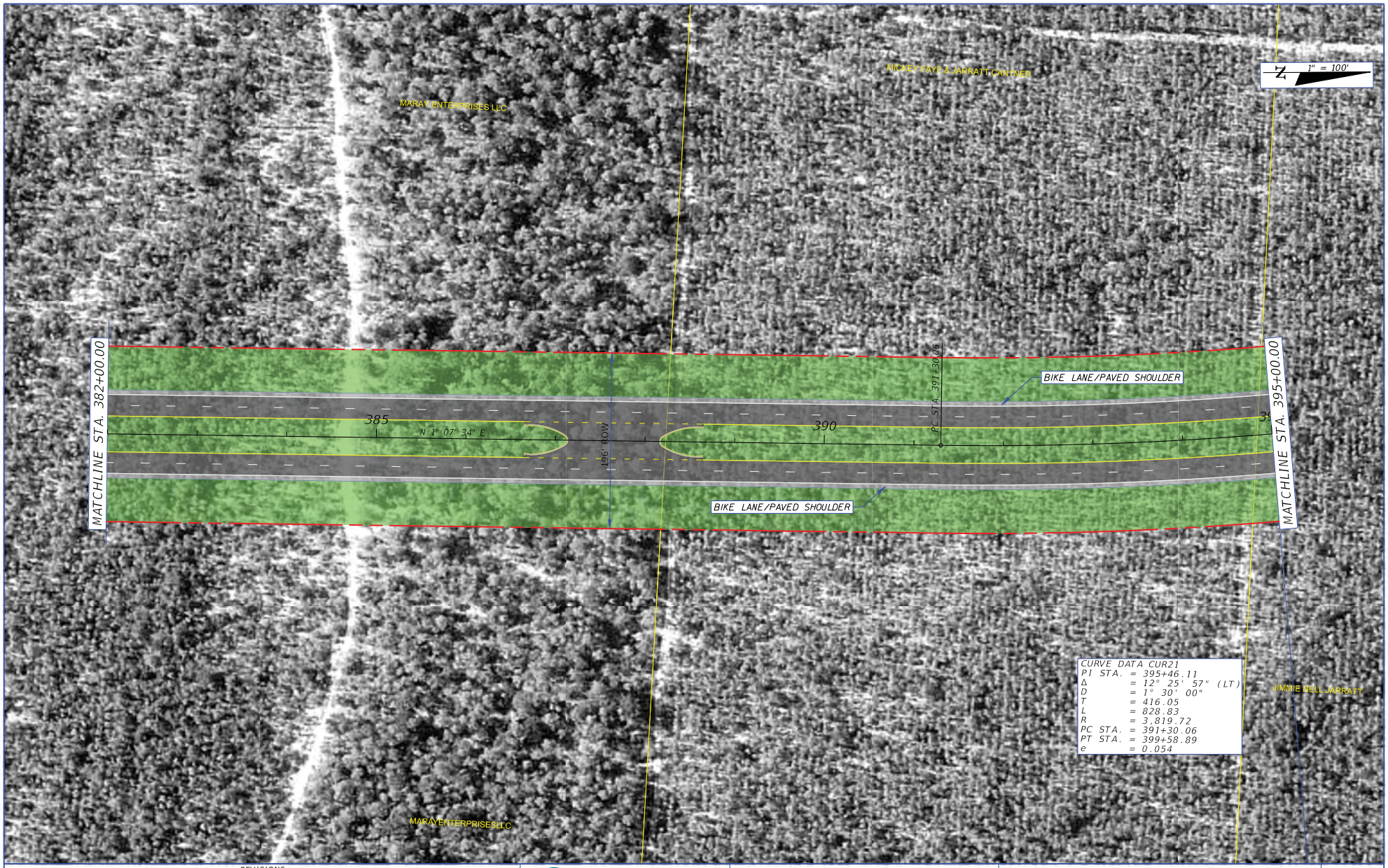
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 30

NMauntler 5/9/2013 11:55:55 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD58.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

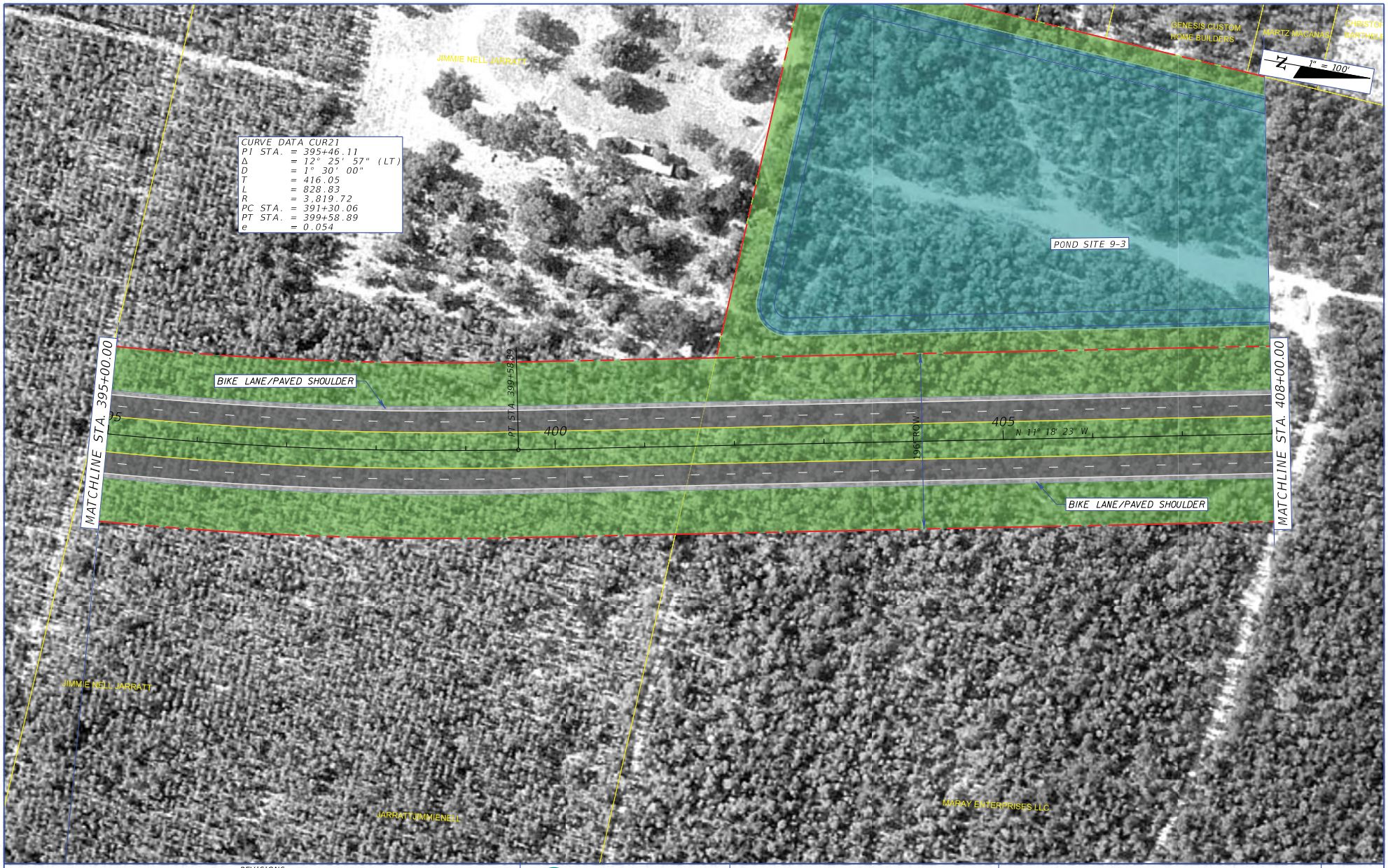
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 31

NMauntler 5/9/2013 11:56:07 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD59.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

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.
32

NMauntler 5/9/2013 11:56:19 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD60.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

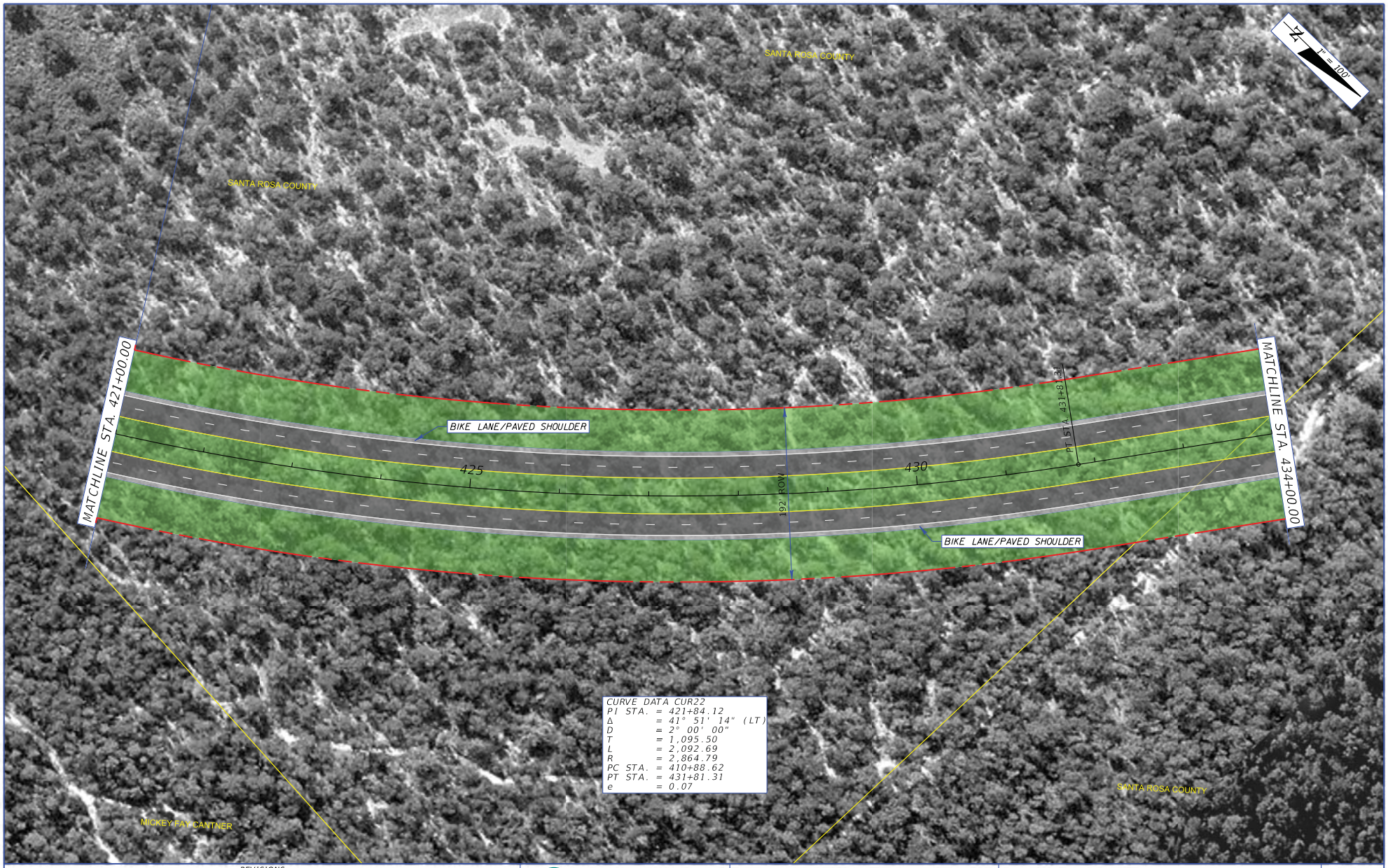
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
33

NMauntler 5/9/2013 11:56:30 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD61.dgn



CURVE DATA CUR22
PI STA. = 421+84.12
Δ = 41° 51' 14" (LT)
D = 2° 00' 00"
T = 1,095.50
L = 2,092.69
R = 2,864.79
PC STA. = 410+88.62
PT STA. = 431+81.31
e = 0.07

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294
● ENGINEERS
● PLANNERS
● SURVEYORS

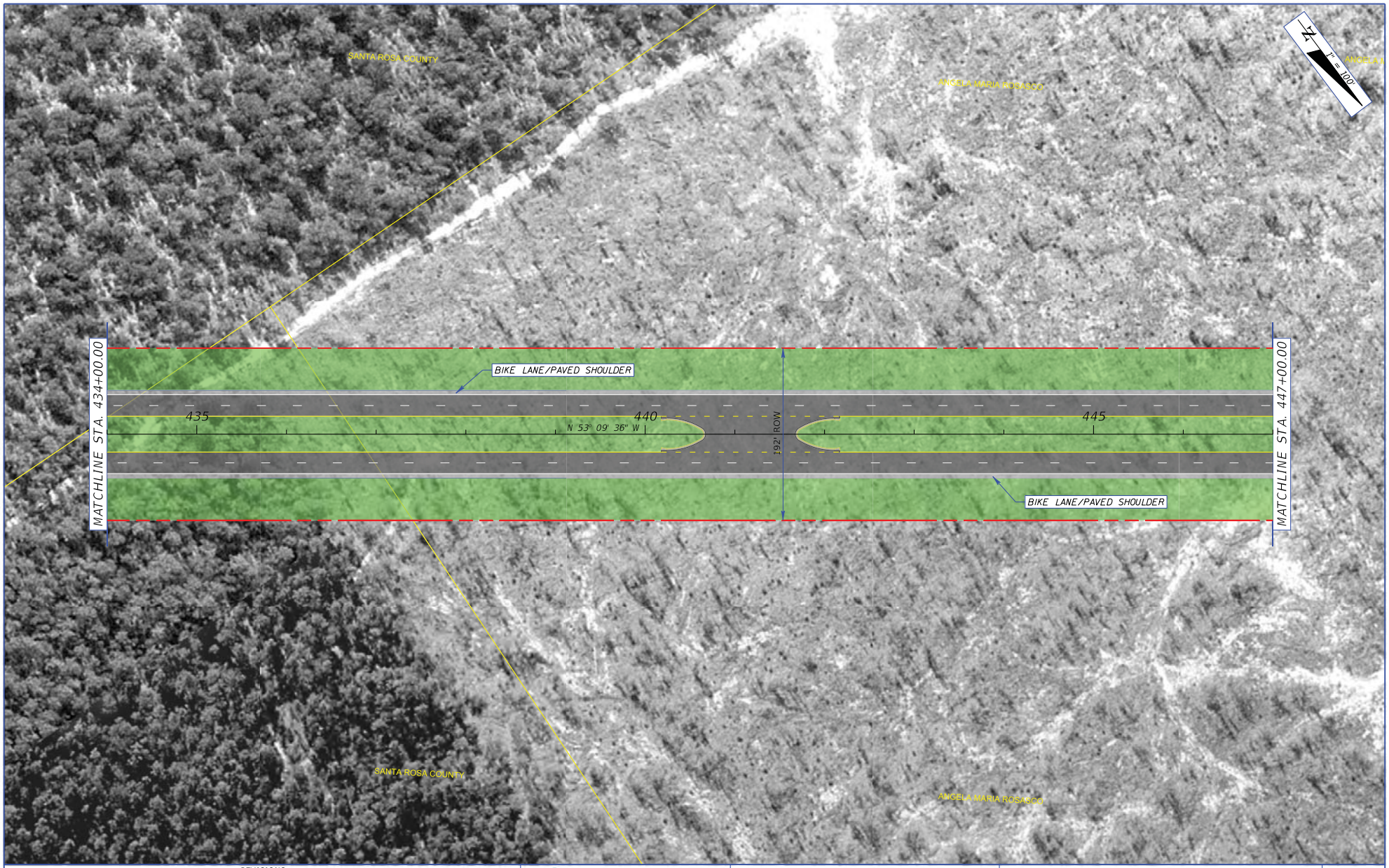
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 34

NMauntler 5/9/2013 11:56:42 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD62.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

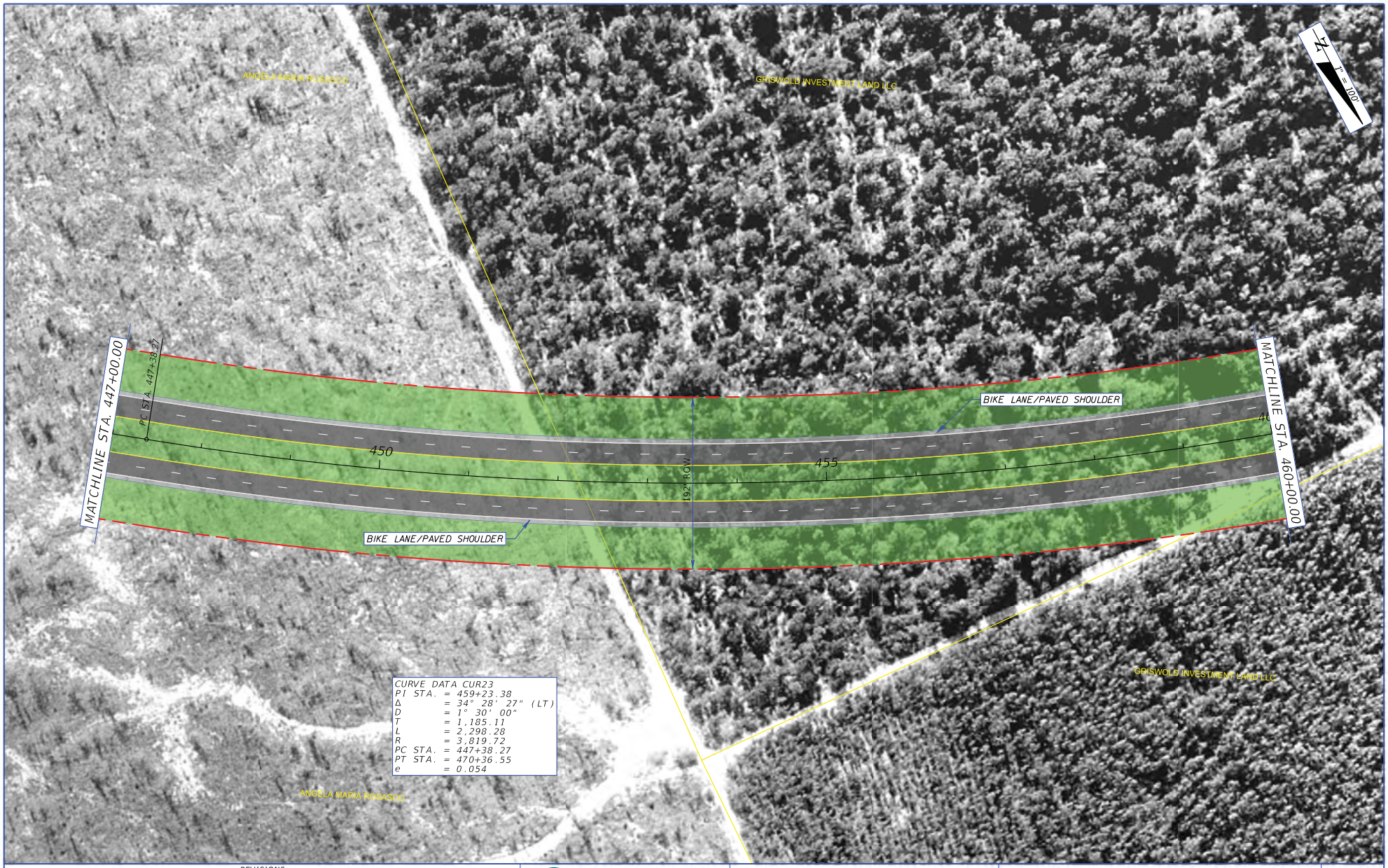
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
35

NMauntler 5/9/2013 11:56:54 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD63.dgn



CURVE DATA CUR23
PI STA. = 459+23.38
Δ = 34° 28' 27" (LT)
D = 1° 30' 00"
T = 1,185.11
L = 2,298.28
R = 3,819.72
PC STA. = 447+38.27
PT STA. = 470+36.55
e = 0.054

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

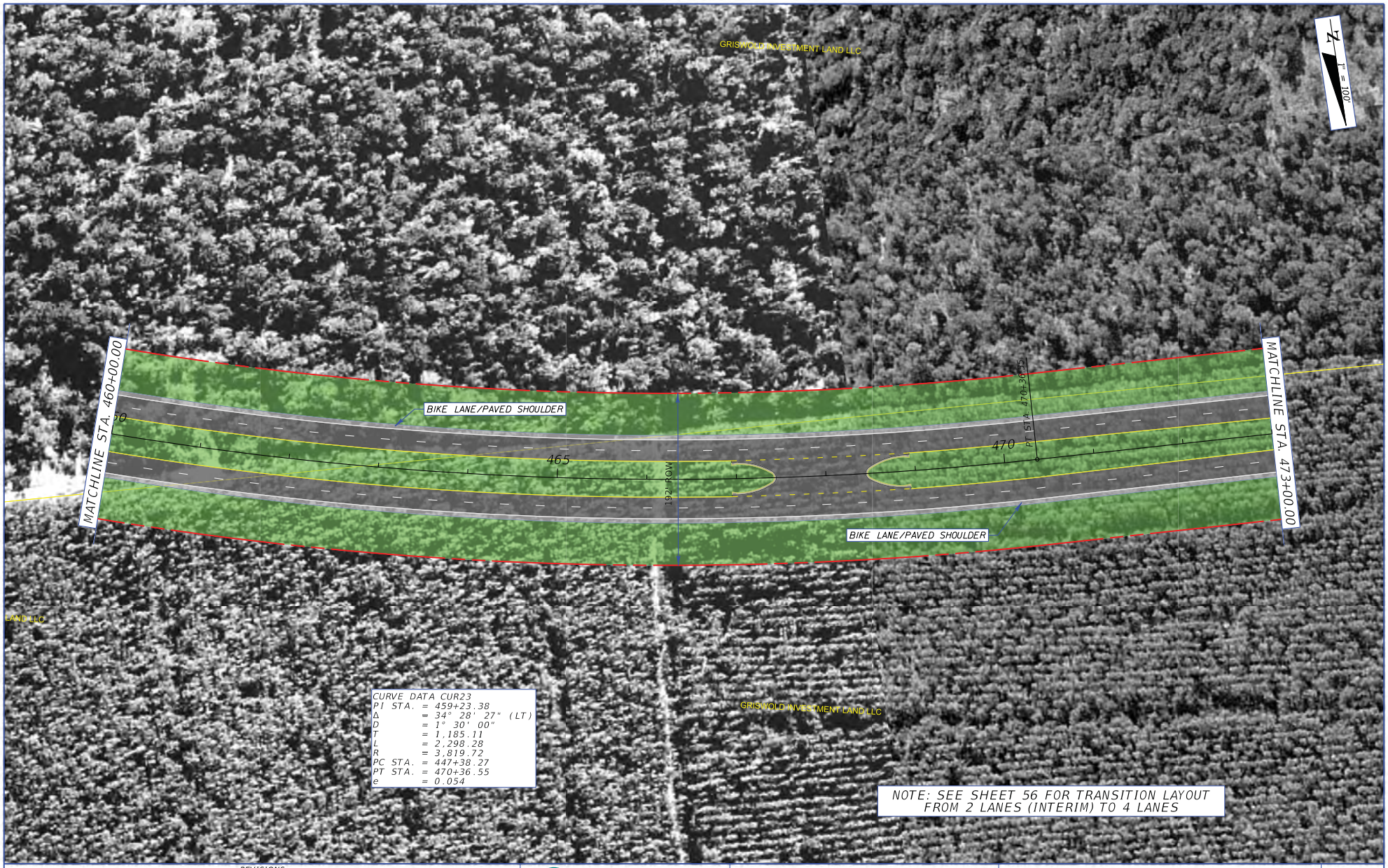
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO.
36

NMauntler 5/9/2013 11:57:07 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD64.dgn



CURVE DATA CUR23
PI STA. = 459+23.38
Δ = 34° 28' 27" (LT)
D = 1° 30' 00"
T = 1,185.11
L = 2,298.28
R = 3,819.72
PC STA. = 447+38.27
PT STA. = 470+36.55
e = 0.054

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

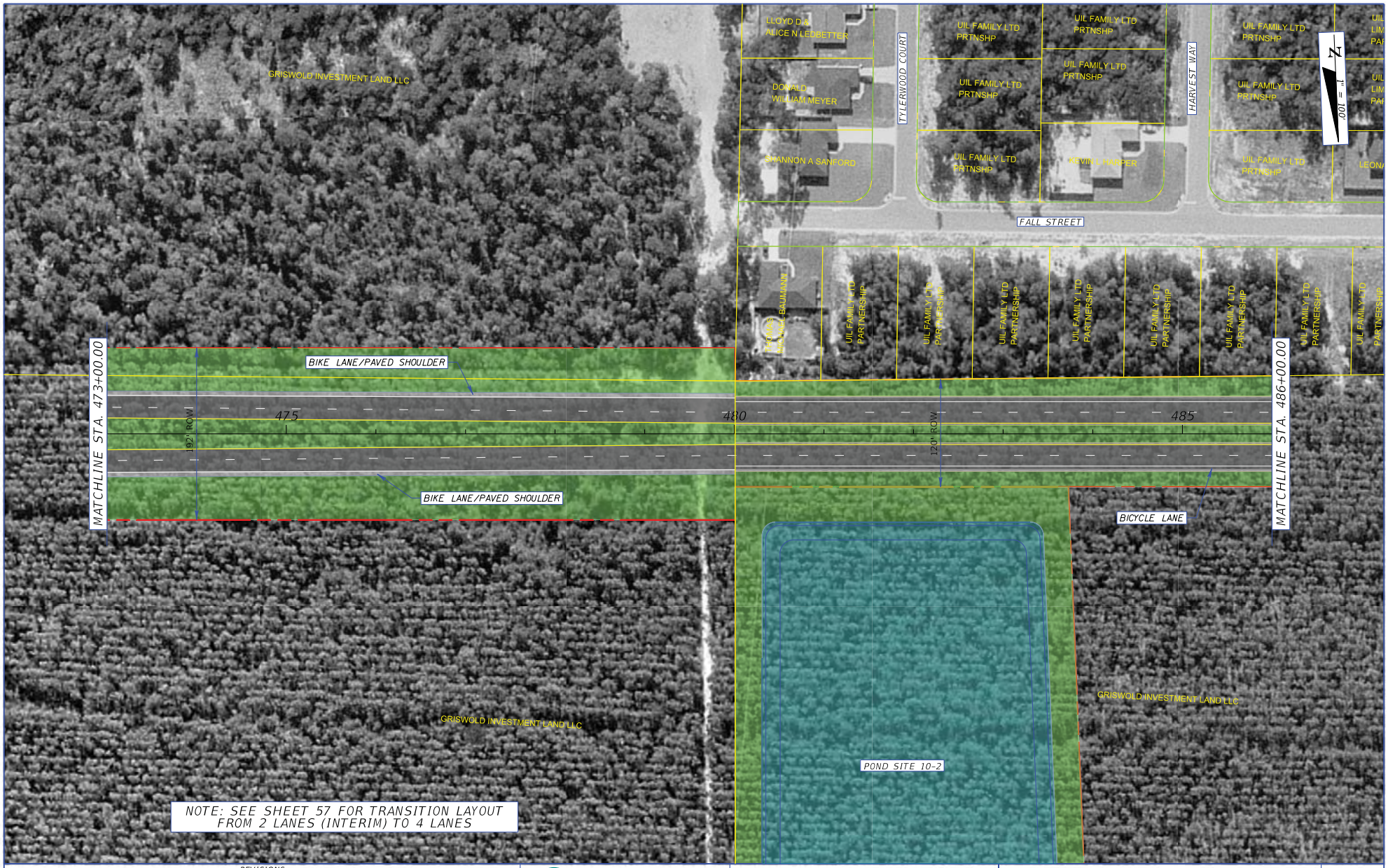
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 37

NMauntler 5/9/2013 11:57:19 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD65.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

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.
38

NMauntler 5/9/2013 11:57:21 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD66.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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.
39

NMauntler 5/9/2013 11:57:42 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD67.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING

● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

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.
40

NMauntler 5/9/2013 11:57:54 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD68.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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. 41

NMauntler 5/9/2013 11:58:06 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD69.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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

NMauntler 5/9/2013 11:58:18 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD70.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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. 43

NMauntler 5/9/2013 11:58:32 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD71.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

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. 44

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

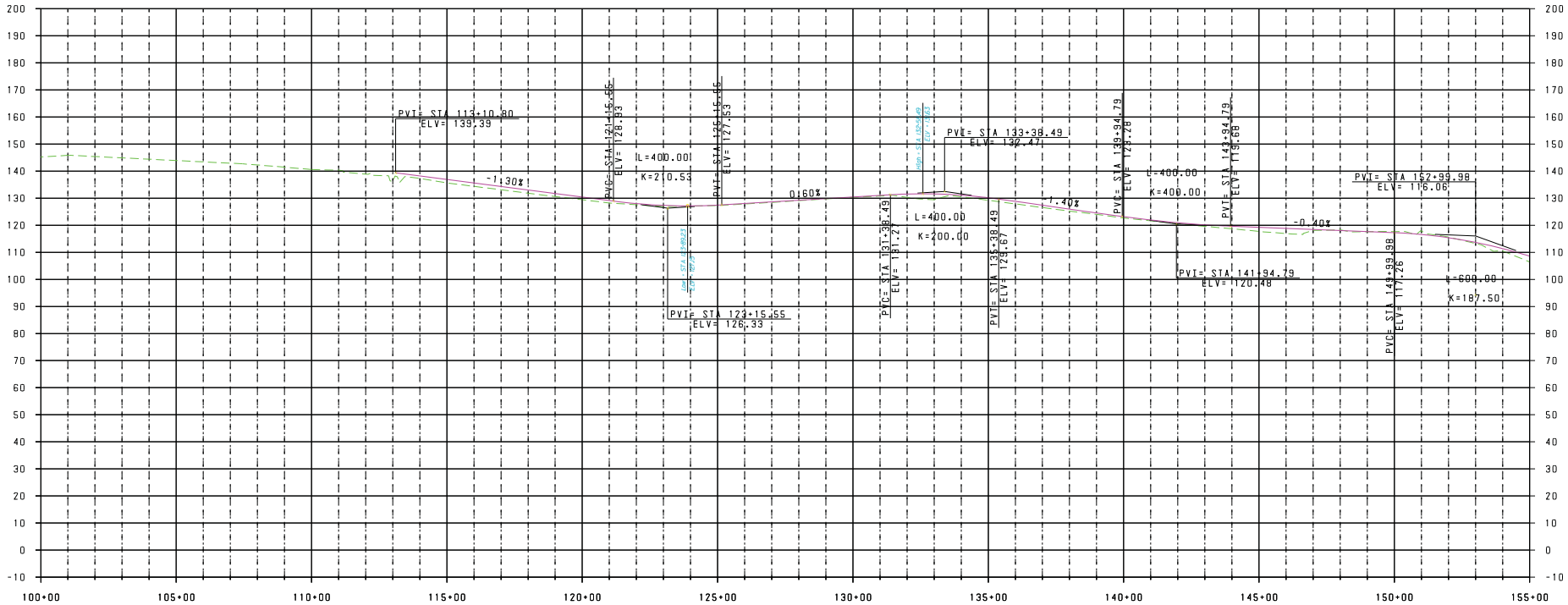
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PLAN SHEET
ALIGNMENT 2

SHEET NO. 45

NMauntler 5/9/2013 11:58:55 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD73.dgn



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

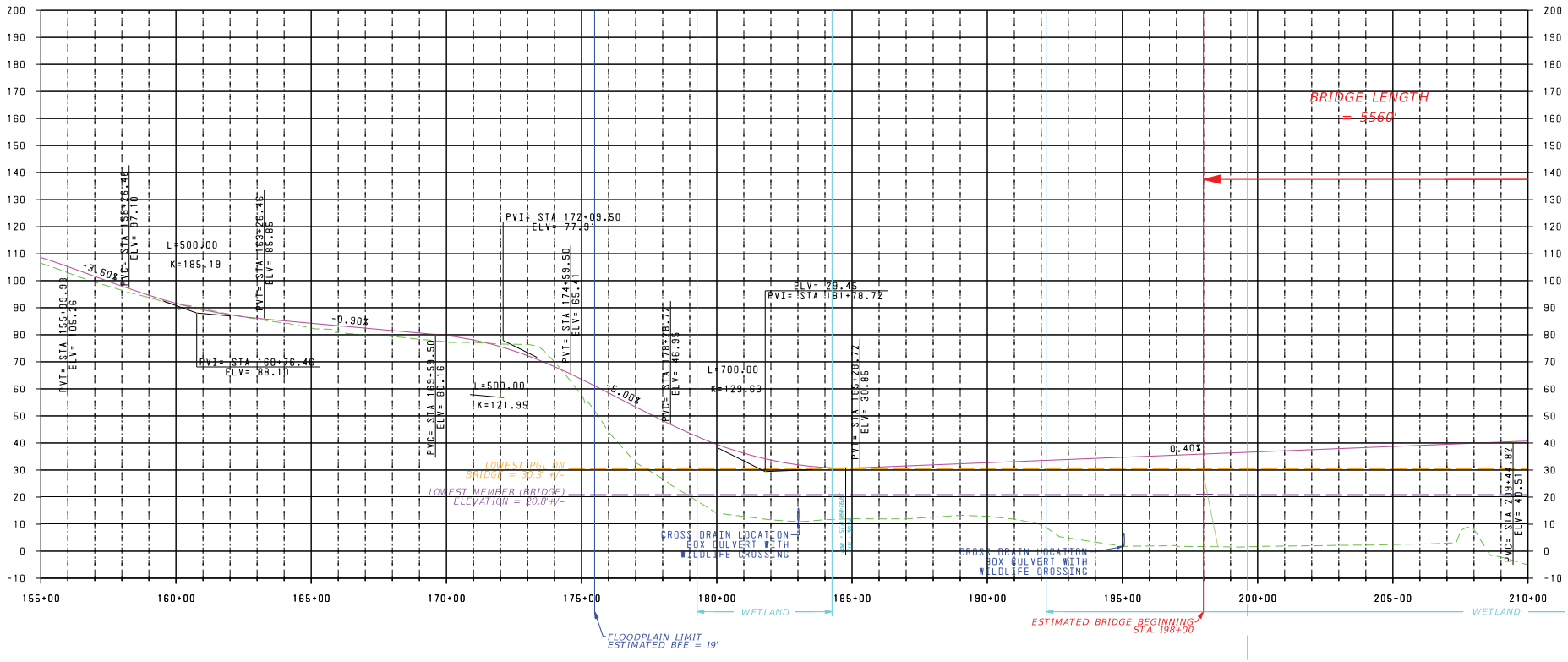
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO.
46

NMauntler 5/9/2013 11:59:04 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

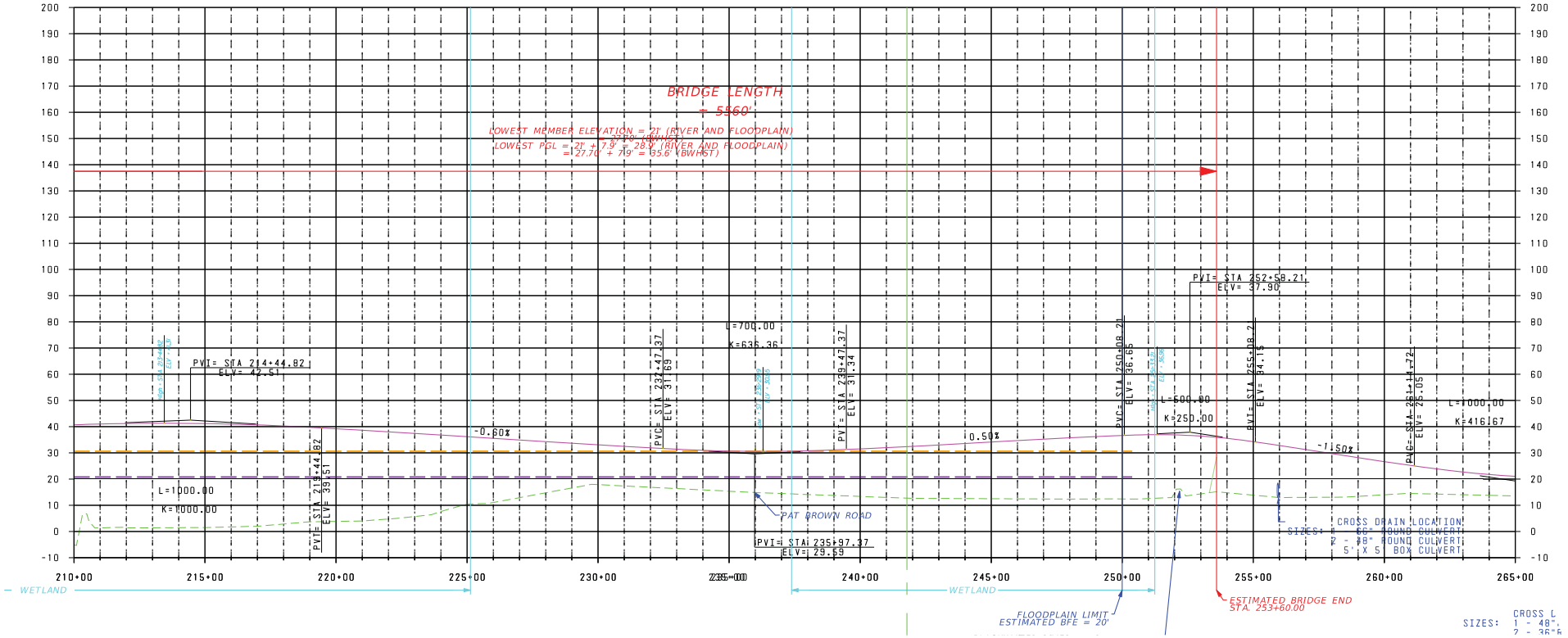
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO.
47

NMauntler 5/9/2013 11:59:06 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

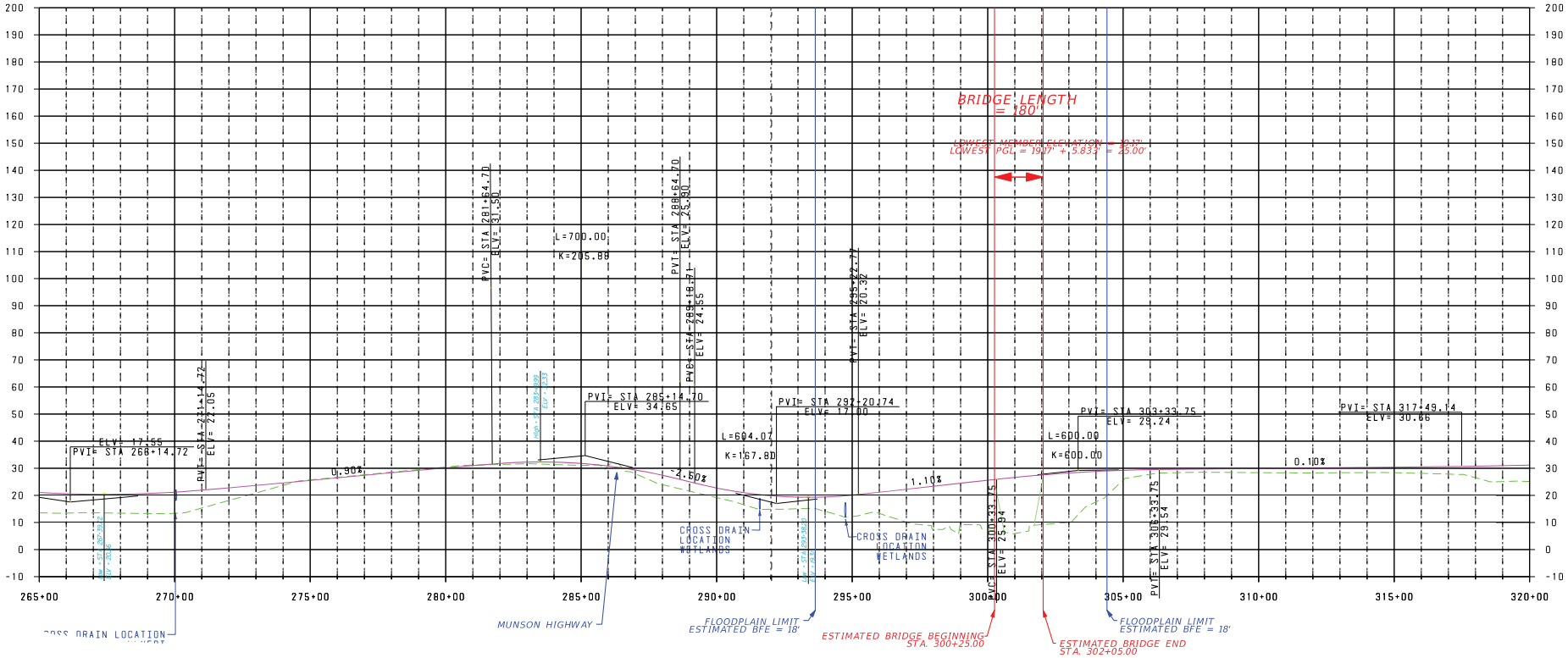
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO. 48

NMauntler 5/9/2013 11:59:08 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

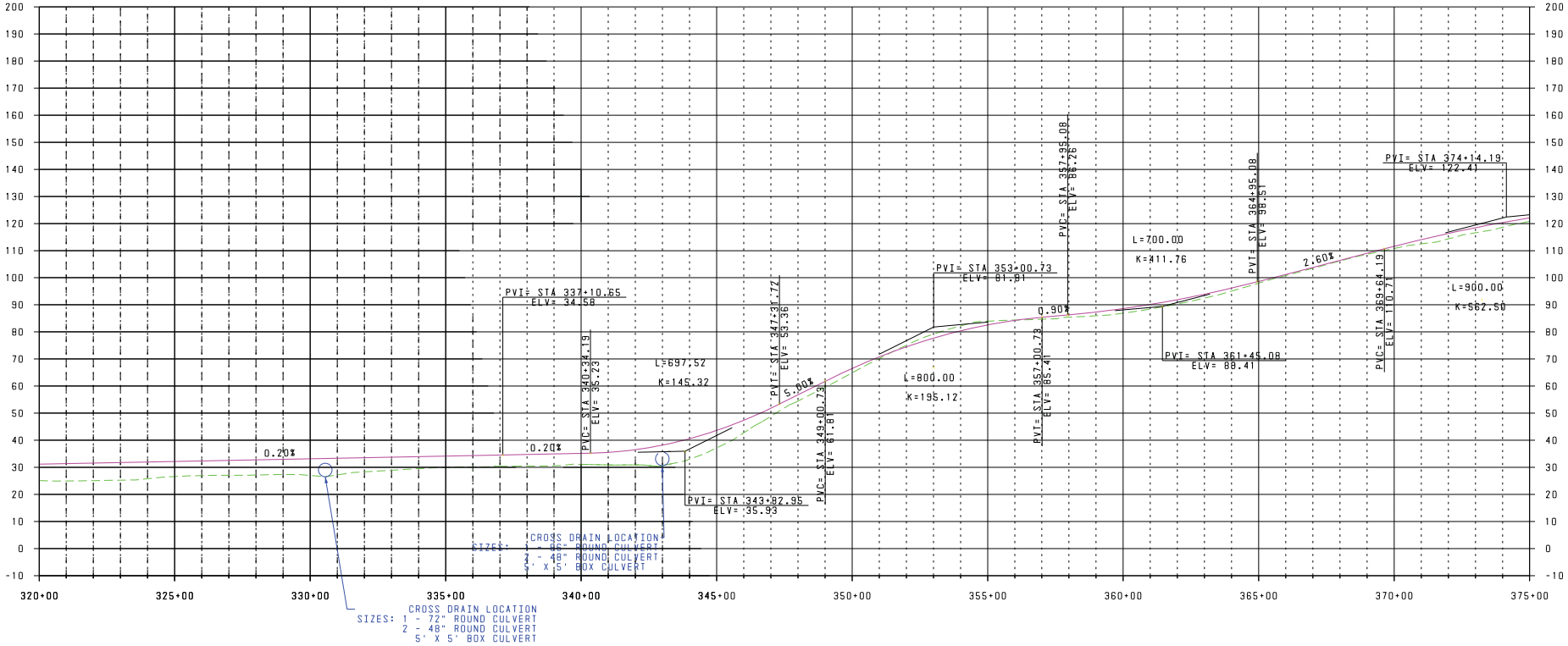
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO. 49

NMauntler 5/9/2013 11:59:10 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

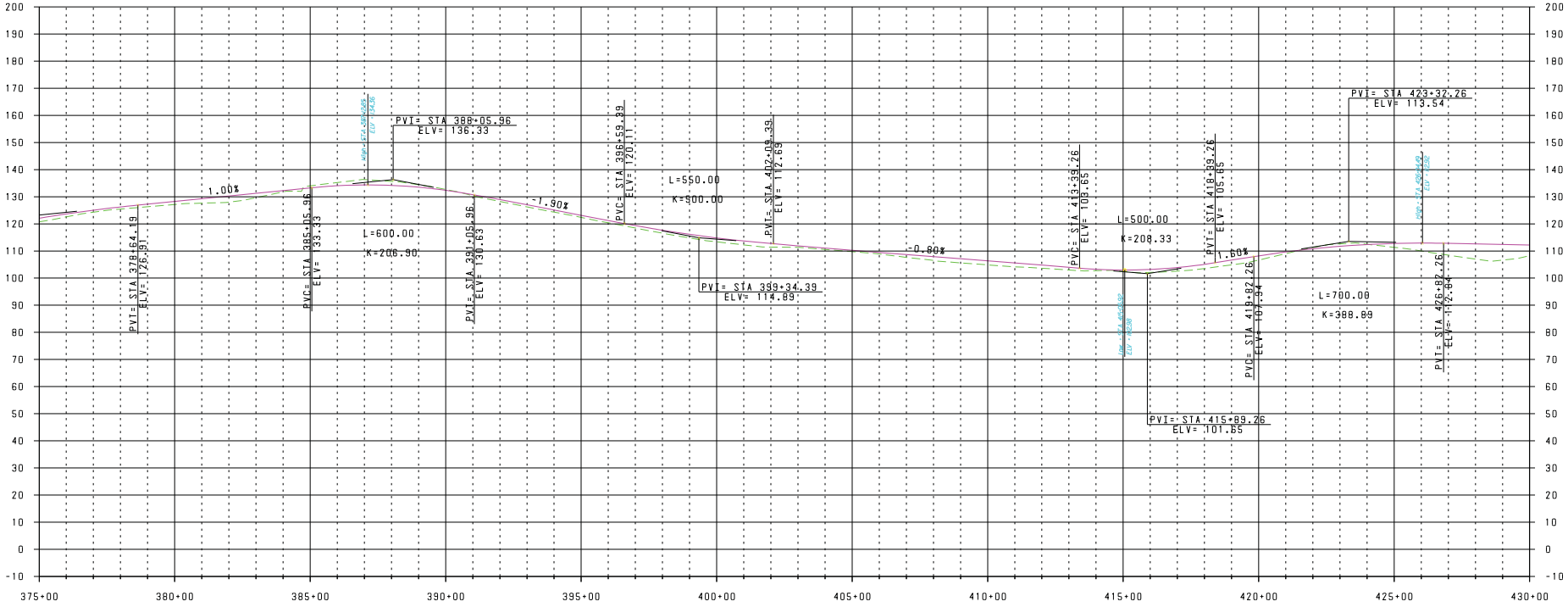
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO.
50

NMauntler 5/9/2013 11:59:25 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

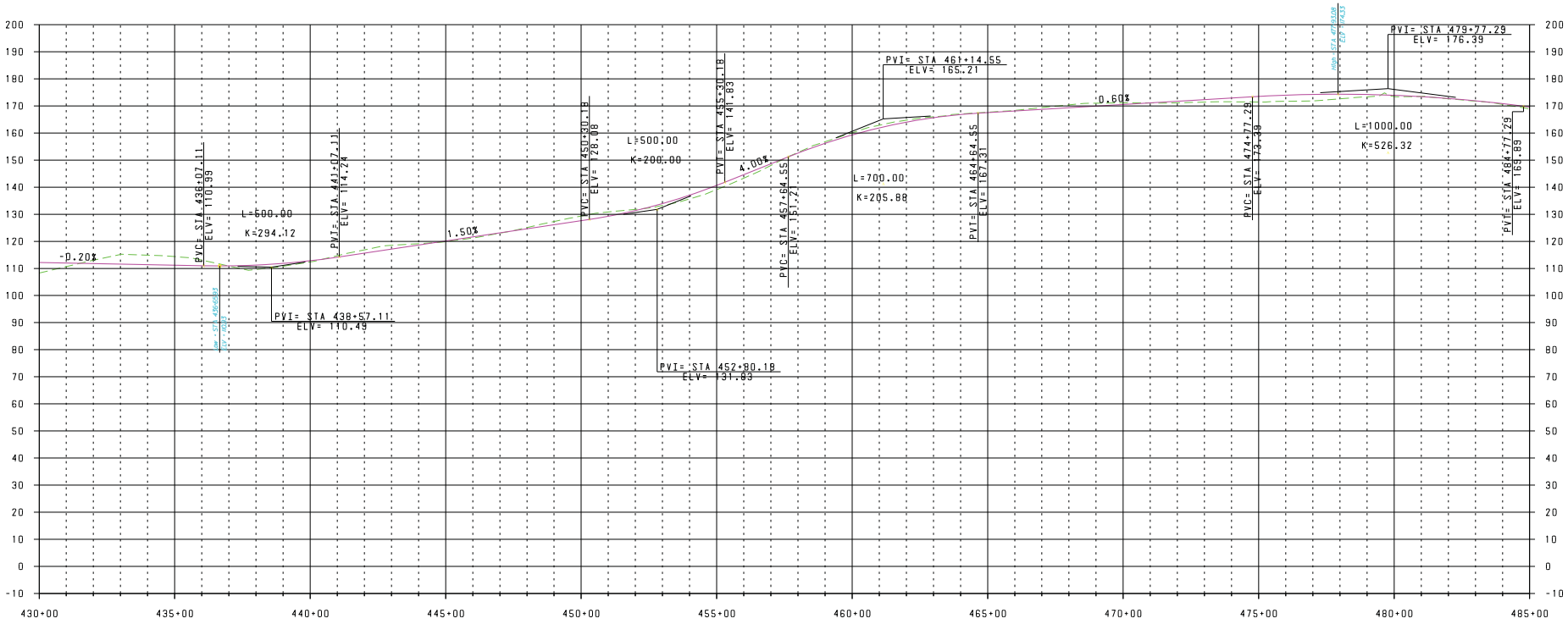
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO.
51

NMauntler 5/9/2013 11:59:27 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

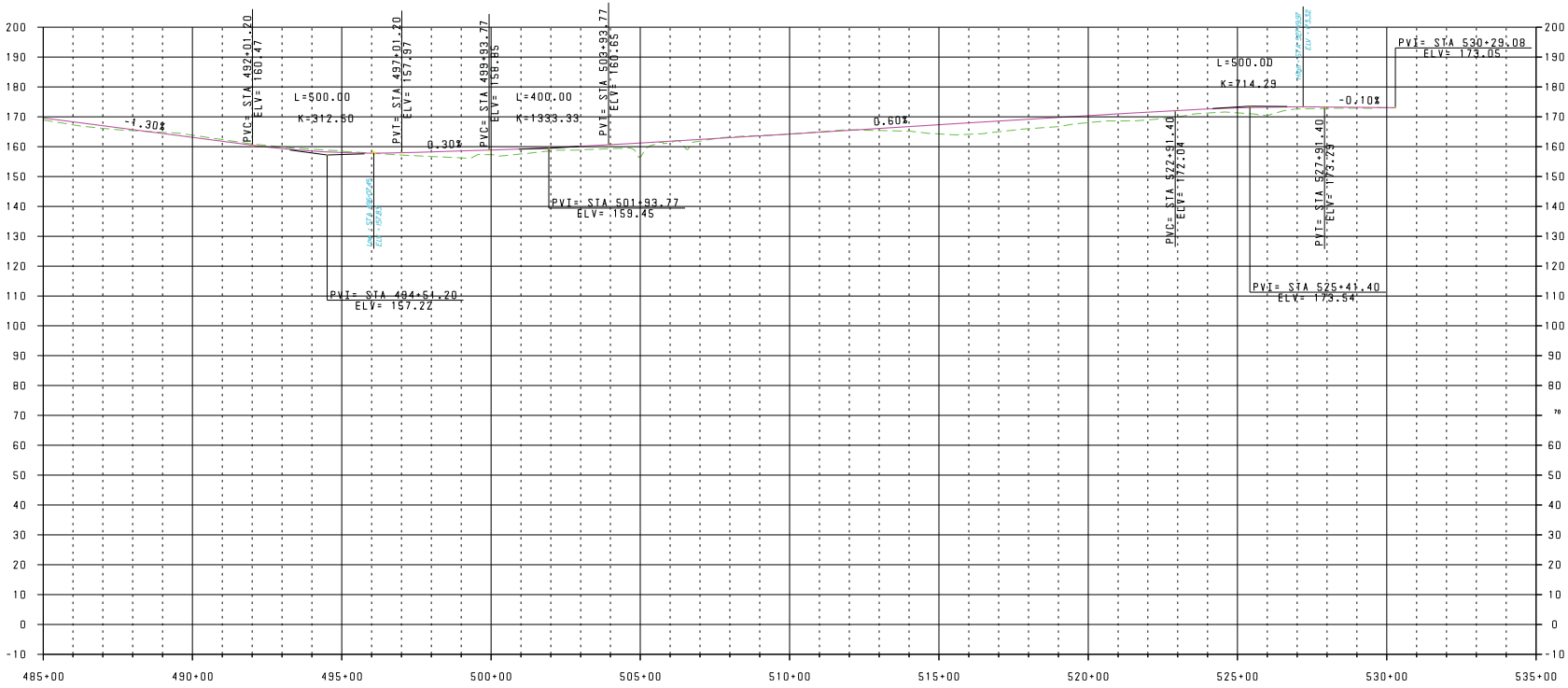
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO. 52

NMauntler 5/9/2013 11:59:29 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



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
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

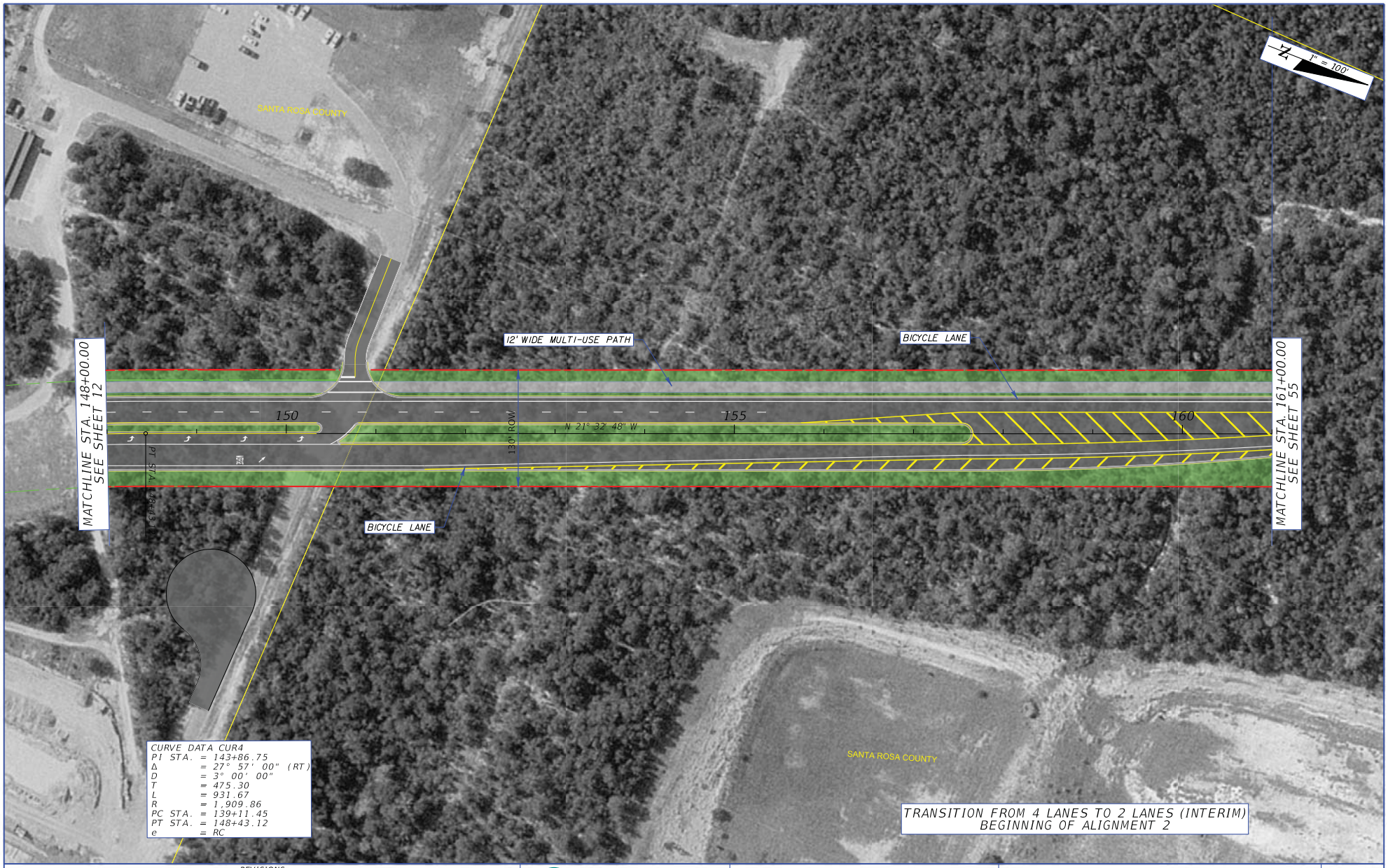
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

PROFILE SHEET
ALIGNMENT 2

SHEET NO.
53

NMauntler 5/9/2013 11:59:31 AM F:\E\projects\41674832202\roadway\PROFRD02.DGN



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
● ENGINEERS
● PLANNERS
● SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

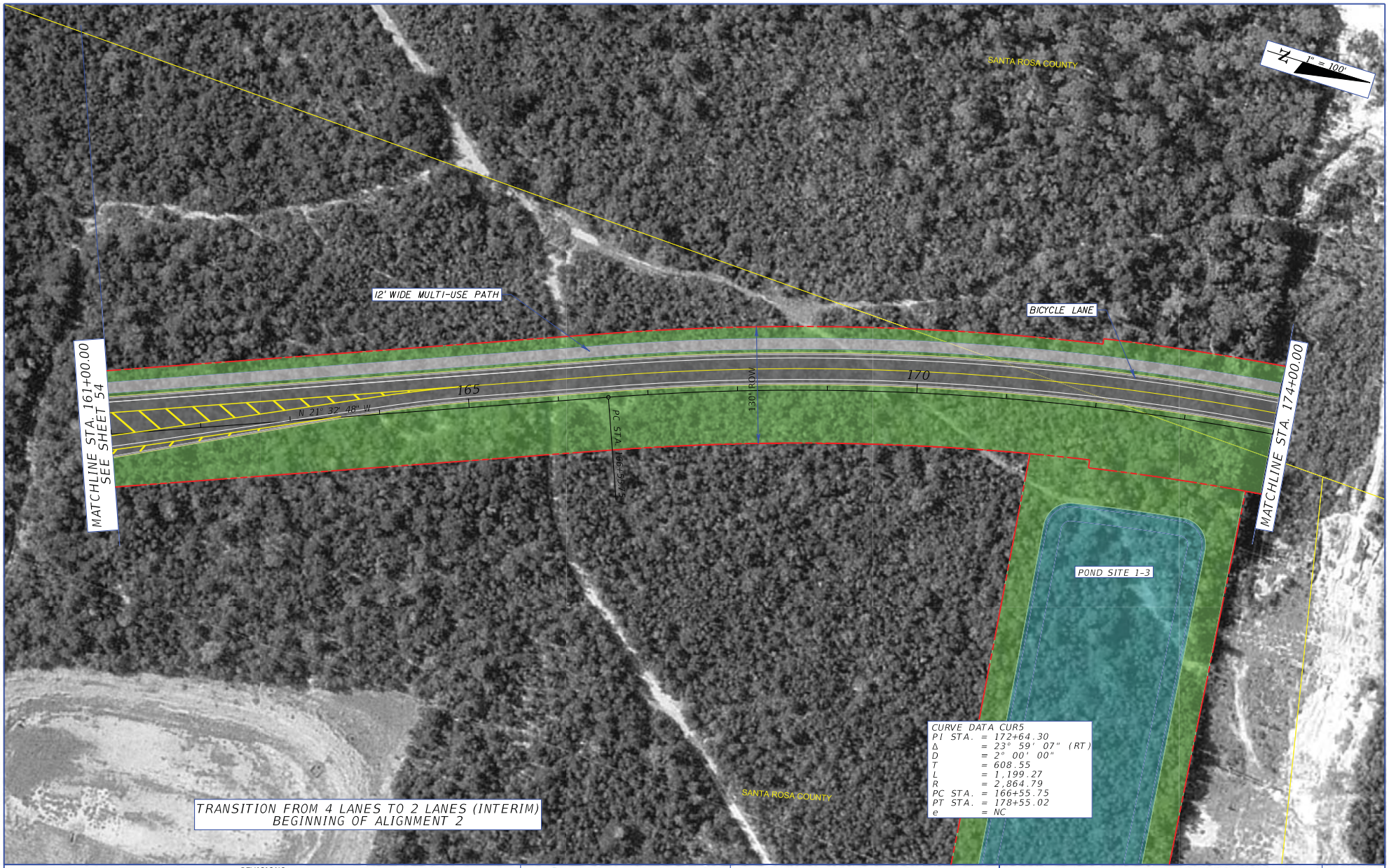
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TRANSITION LAYOUT ALIGNMENT 2

SHEET NO. 54

NMauntler 5/9/2013 11:59:47 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD74.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

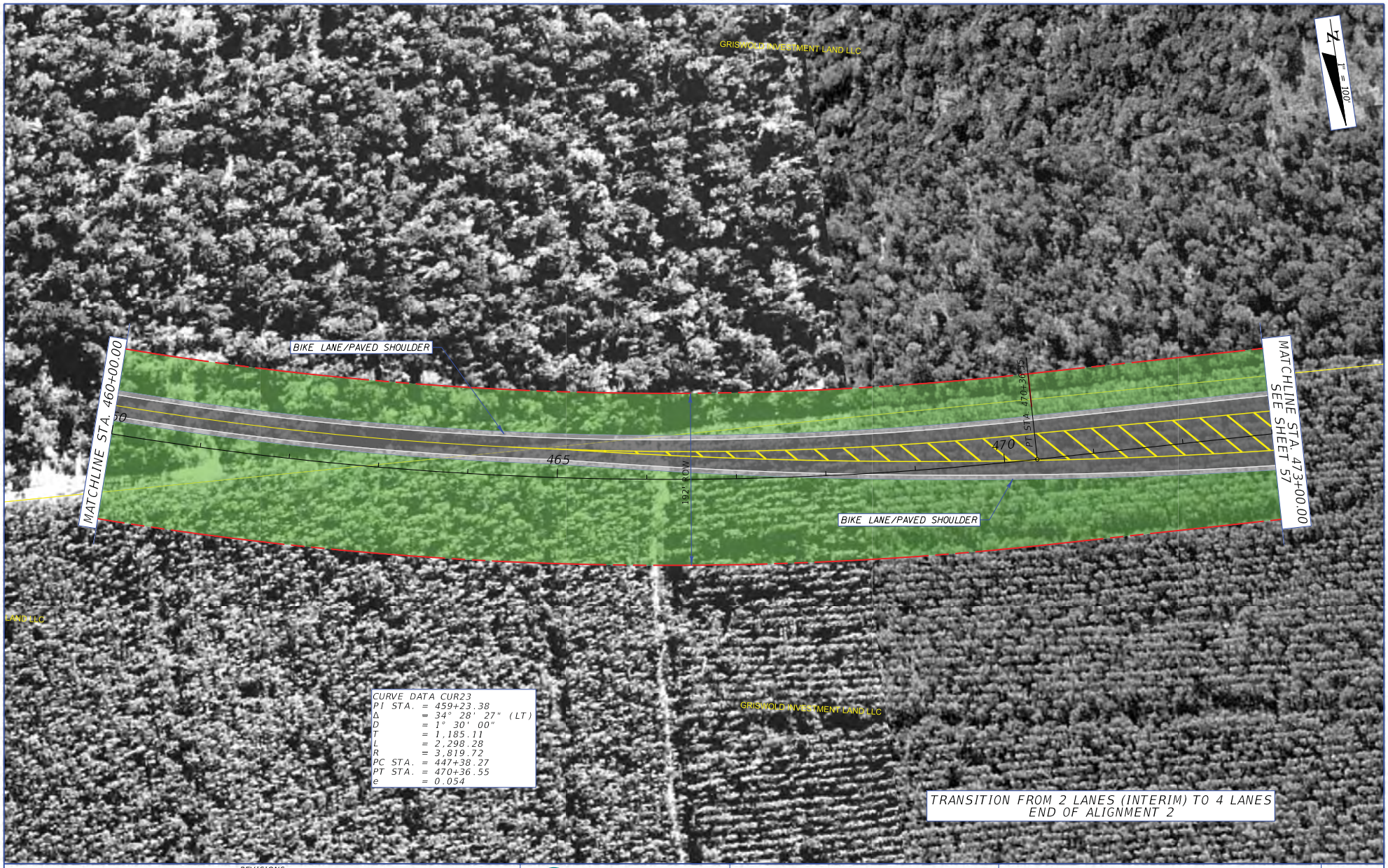
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TRANSITION LAYOUT ALIGNMENT 2

SHEET NO. 55

NMauntler 5/9/2013 11:59:57 AM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD75.dgn



CURVE DATA CUR23
PI STA. = 459+23.38
Δ = 34° 28' 27" (LT)
D = 1° 30' 00"
T = 1,185.11
L = 2,298.28
R = 3,819.72
PC STA. = 447+38.27
PT STA. = 470+36.55
e = 0.054

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

● ENGINEERS
● PLANNERS
● SURVEYORS

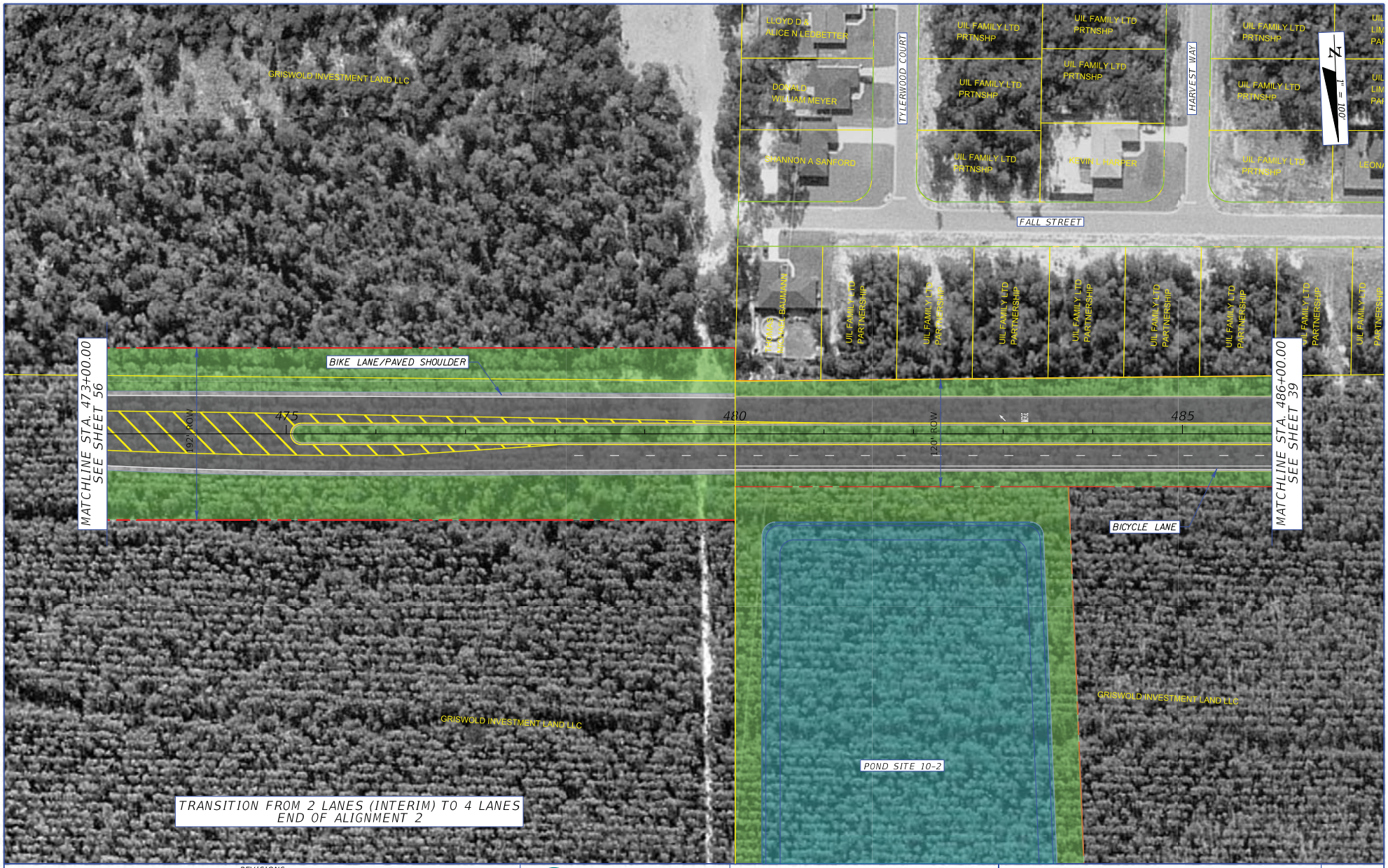
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

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

TRANSITION LAYOUT ALIGNMENT 2

SHEET NO. 56

NMauntler 5/9/2013 12:00:09 PM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD76.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

METRIC ENGINEERING
- ENGINEERS
- PLANNERS
- SURVEYORS

METRIC ENGINEERING, INC.
2616 JENKS AVENUE
PANAMA CITY, FLORIDA 32405
TEL. (850) 872-8044
FAX. (850) 872-8704
FLORIDA CERT. NO. EB-0002294

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. 57

NMauntler 5/9/2013 12:00:10 PM F:\E\projects\41674832202\roadway\Concept Plan DGNs - Alignment 2\PLANRD77.dgn