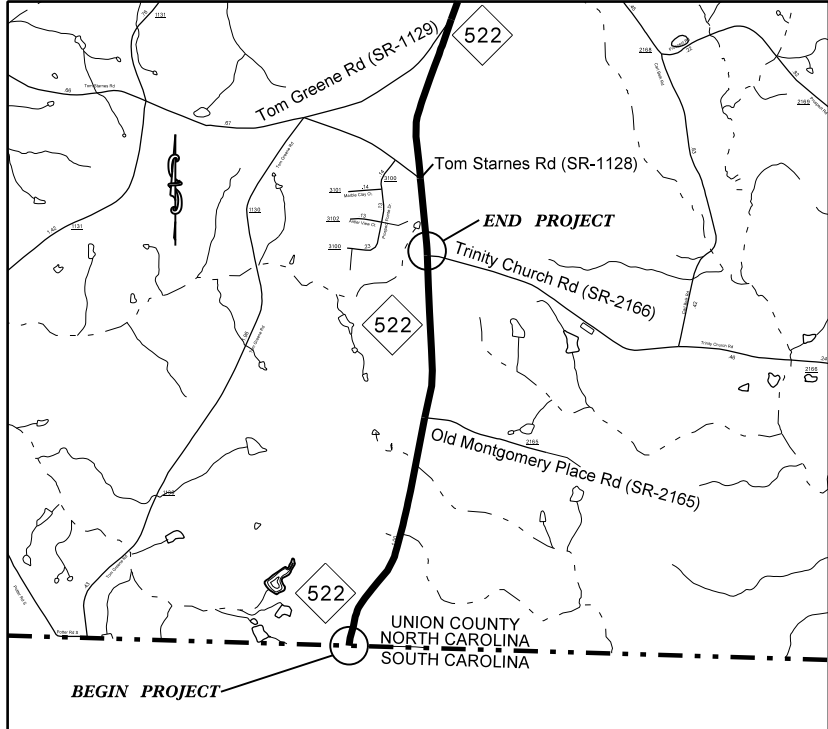


TIP: W-5601AE

PROJECT: 50138.3.32



VICINITY MAP NOT TO SCALE

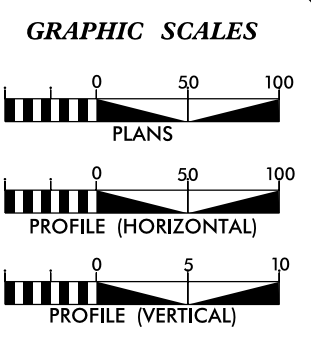
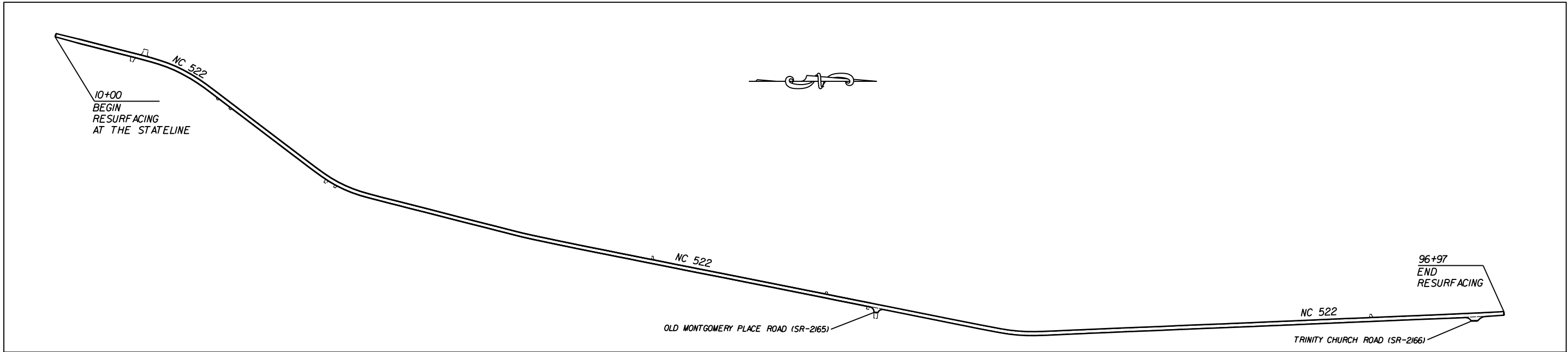
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
UNION COUNTY

LOCATION: NC 522 FROM THE SC STATELINE TO TRINITY CHURCH ROAD (SR-2166)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND THERMOPLASTIC PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50138.1.32	HSIP-0522(5)	P.E.	
50138.2.32	HSIP-0522(5)	R/W	
50138.3.32	HSIP-0522(5)	CONST.	

CLEARING ON THIS PROJECT SHALL BE TO THE LIMITS ESTABLISHED BY METHOD II AS DESCRIBED IN THE NCDOT STANDARD DRAWINGS



DESIGN DATA

ADT	=	
ADT	=	
DHV	=	%
D	=	%
T	=	%
V	=	MPH

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT 50138.3.FR32	=	1.65	MILES
TOTAL LENGTH OF STATE PROJECT 50138.3.FR32	=	1.65	MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
DIVISION TEN
DIVISION DESIGN / CONSTRUCT UNIT

2012 STANDARD SPECIFICATIONS

<p>RIGHT OF WAY DATE:</p> <hr/> <p>LETTING DATE: November 16, 2016</p>	<p style="text-align: center;">RANDY BOWERS <small>PROJECT ENGINEER</small></p> <hr/> <p style="text-align: center;">DOANLD HARWARD <small>PROJECT DESIGN ENGINEER</small></p>
--	--

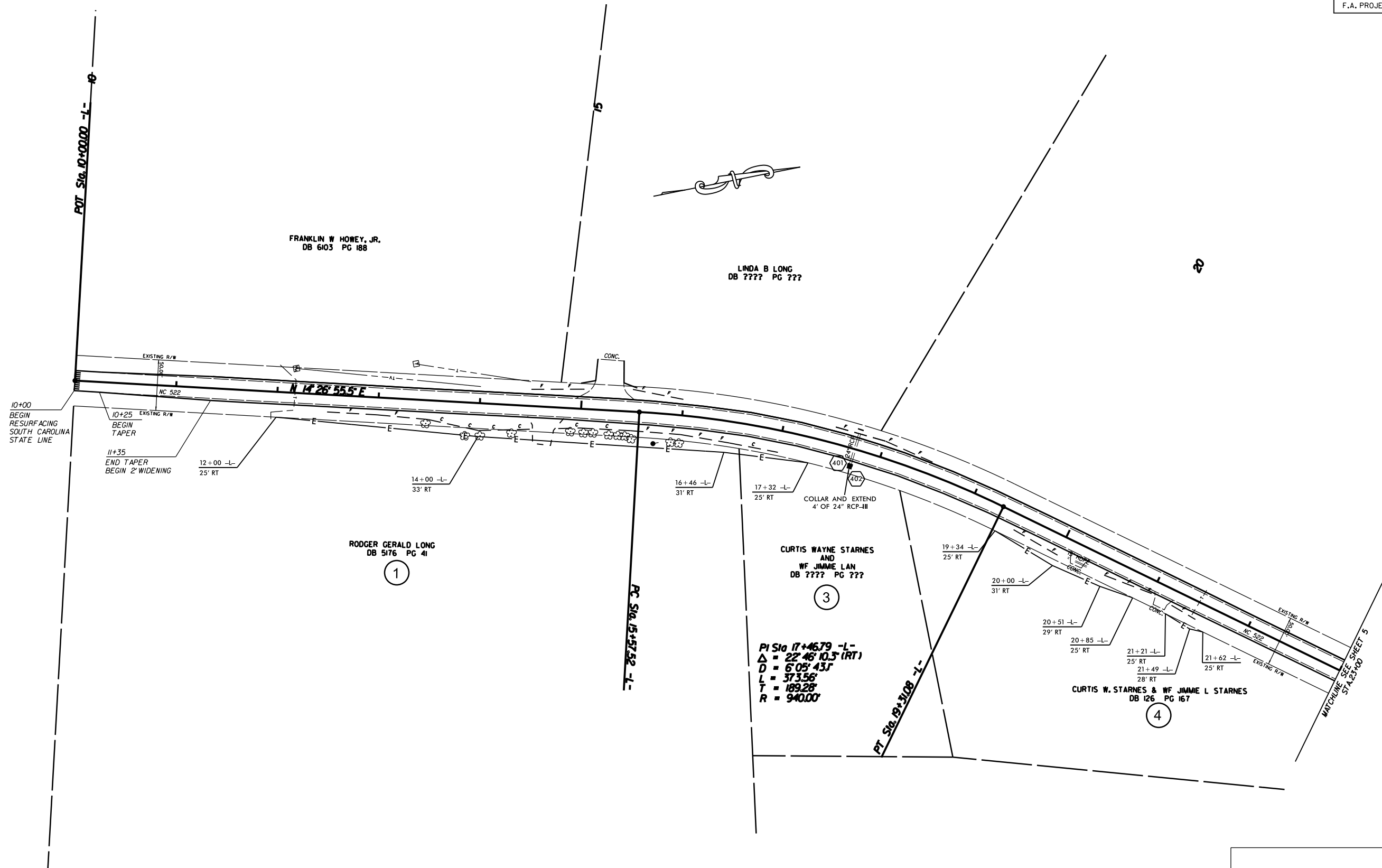


DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

DocuSigned by:
Randy Bowers
52A4A66079864B2...
APPROVED BY
DDC ENGINEER

10/19/2016
DATE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	4	
F.A. PROJECT NO.			



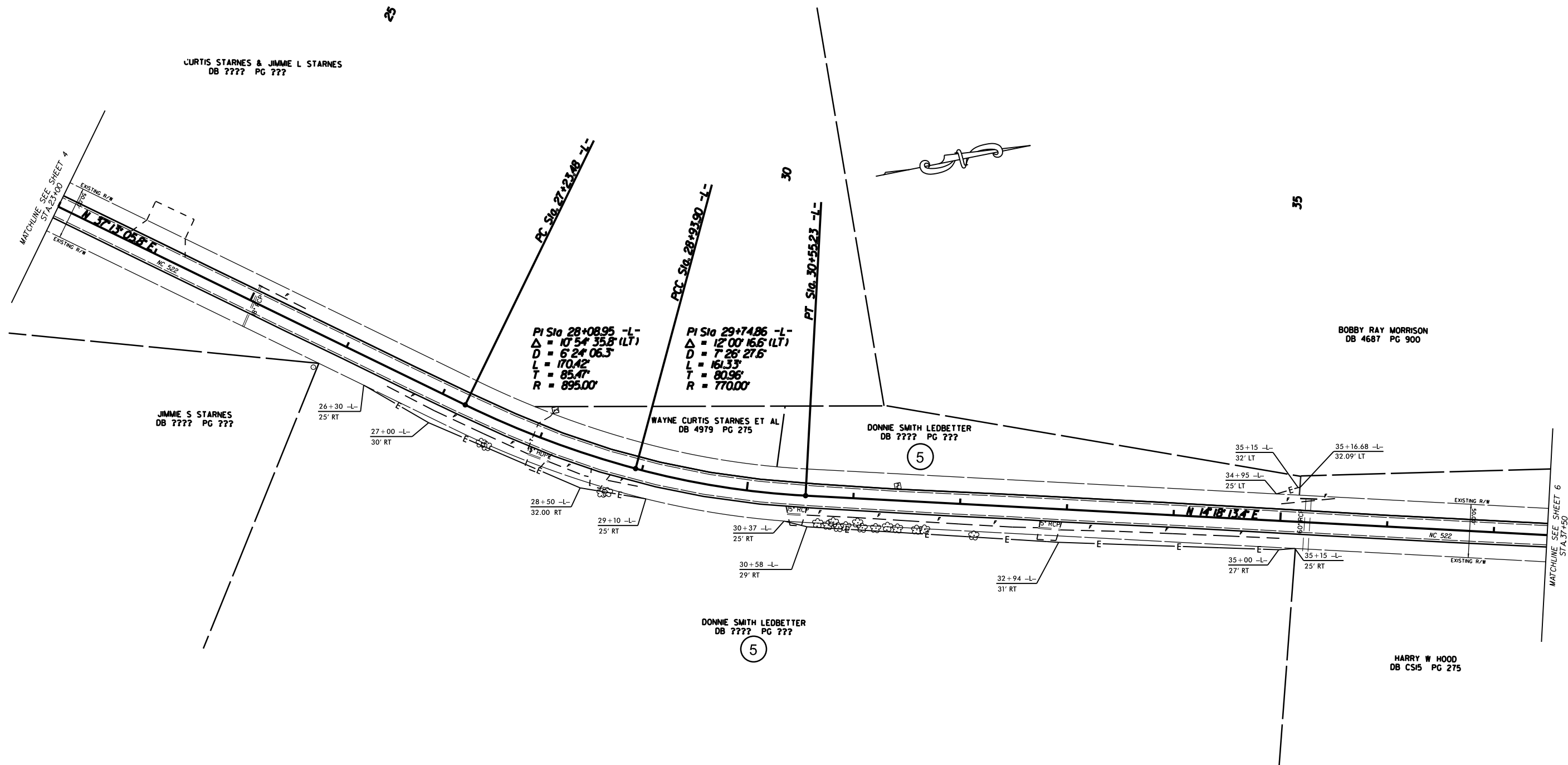
WIDENING 2' EACH SIDE AND RESURFACING
 NC 522 FROM THE SC STATELINE
 TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	5	
F.A. PROJECT NO.			



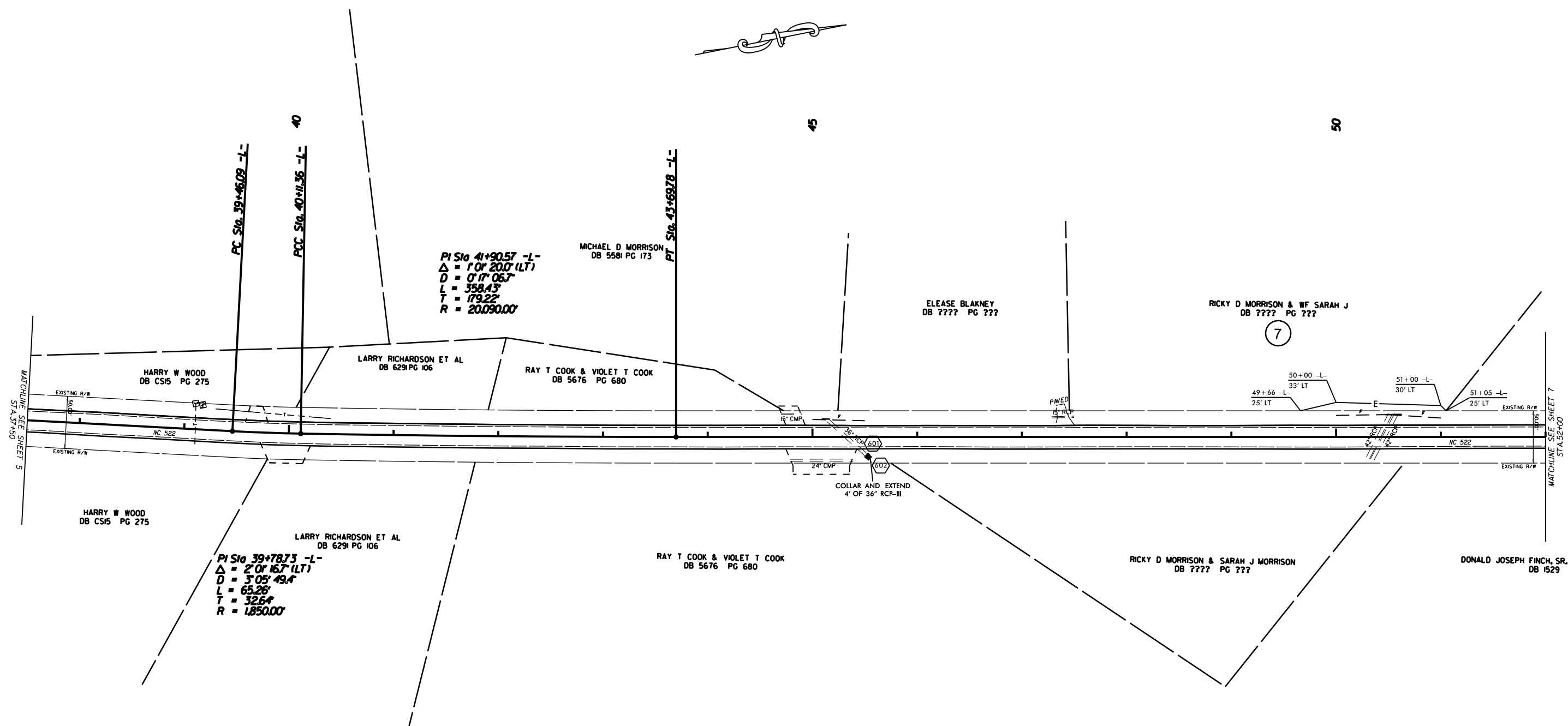
WIDENING 2' ON EACH SIDE AND RESURFACING
 NC 522 FROM THE SC STATELINE
 TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	6	
F.A. PROJECT NO. HSIP-0522(5)			



WIDENING 2' EACH SIDE AND RESURFACING
 NC 522 FROM THE SC STATELINE
 TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	7	
F.A. PROJECT NO. HSIP-0522(5)			

55

60

65

EMERSON BROWN MCBRIDE
DB ???? PG ???

8

WAYNE MCBRIDE
DB 5509 PG 710

57+12 -L- 25' LT
57+50 -L- 30' LT
57+74 -L- 30' LT
58+12 -L- 25' LT

N 11° 15' 36" E

NC 522

NC 522

OSEPH FINCH, SR. & BETTIE WEIR FINCH
DB 1529 PG 297

ALLEN J PRICE & ELAINE A PRICE
DB 3437 PG 434

BILLY RAY NEWELL & DONNA LYNN NEWELL
DB ???? PG ???

TOMMY J PATTERSON & CAROLYN D PATTERSON
DB ???? PG ???

OLD MONTGOMERY PLACE ROAD (SR-2166)

END RESURFACING

MATCHLINE SEE SHEET 6
STA 52+00

MATCHLINE SEE SHEET 8
STA 65+50

WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB

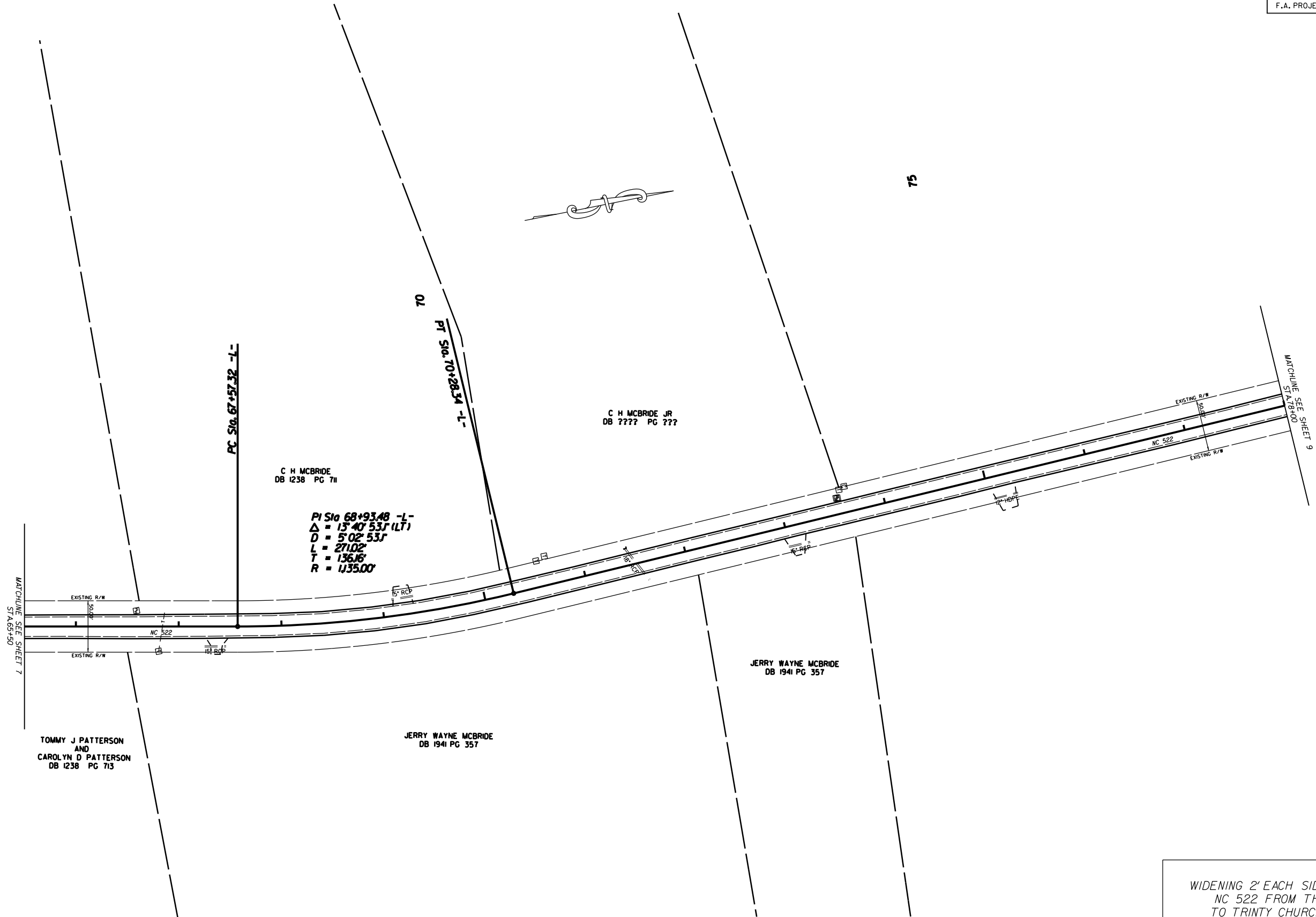


REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	8	
F.A. PROJECT NO. HSIP-0522(5)			

65

75



C H MCBRIDE
DB 1238 PG 711

C H MCBRIDE JR
DB ???? PG ???

PI Sta 68+93.48 -L-
Δ = 15° 40' 53" (LT)
D = 5° 02' 53"
L = 271.02'
T = 136.16'
R = 1435.00'

JERRY WAYNE MCBRIDE
DB 1941 PG 357

JERRY WAYNE MCBRIDE
DB 1941 PG 357

TOMMY J PATTERSON
AND
CAROLYN D PATTERSON
DB 1238 PG 713

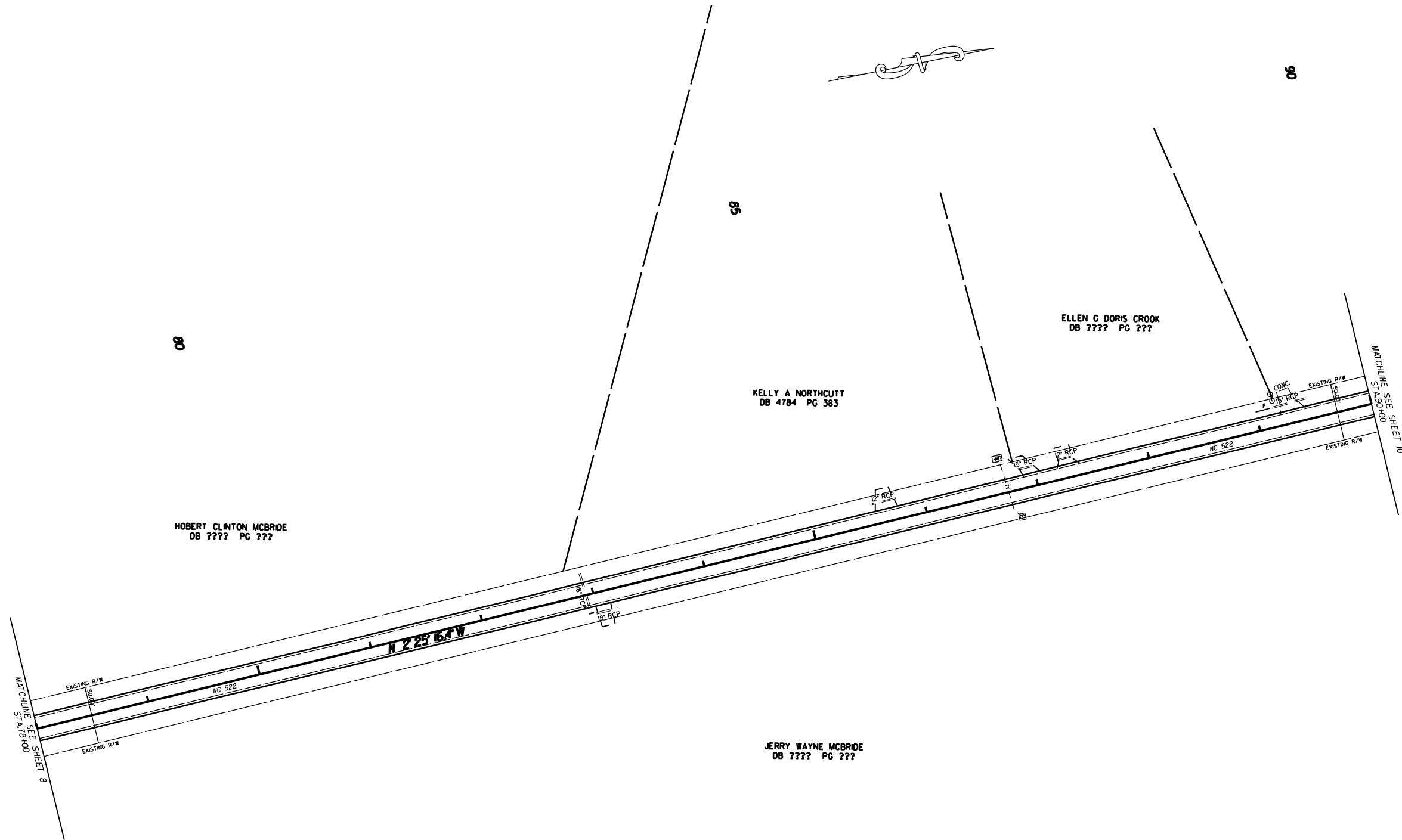
WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	9	
F.A. PROJECT NO. HSIP-0522(5)			



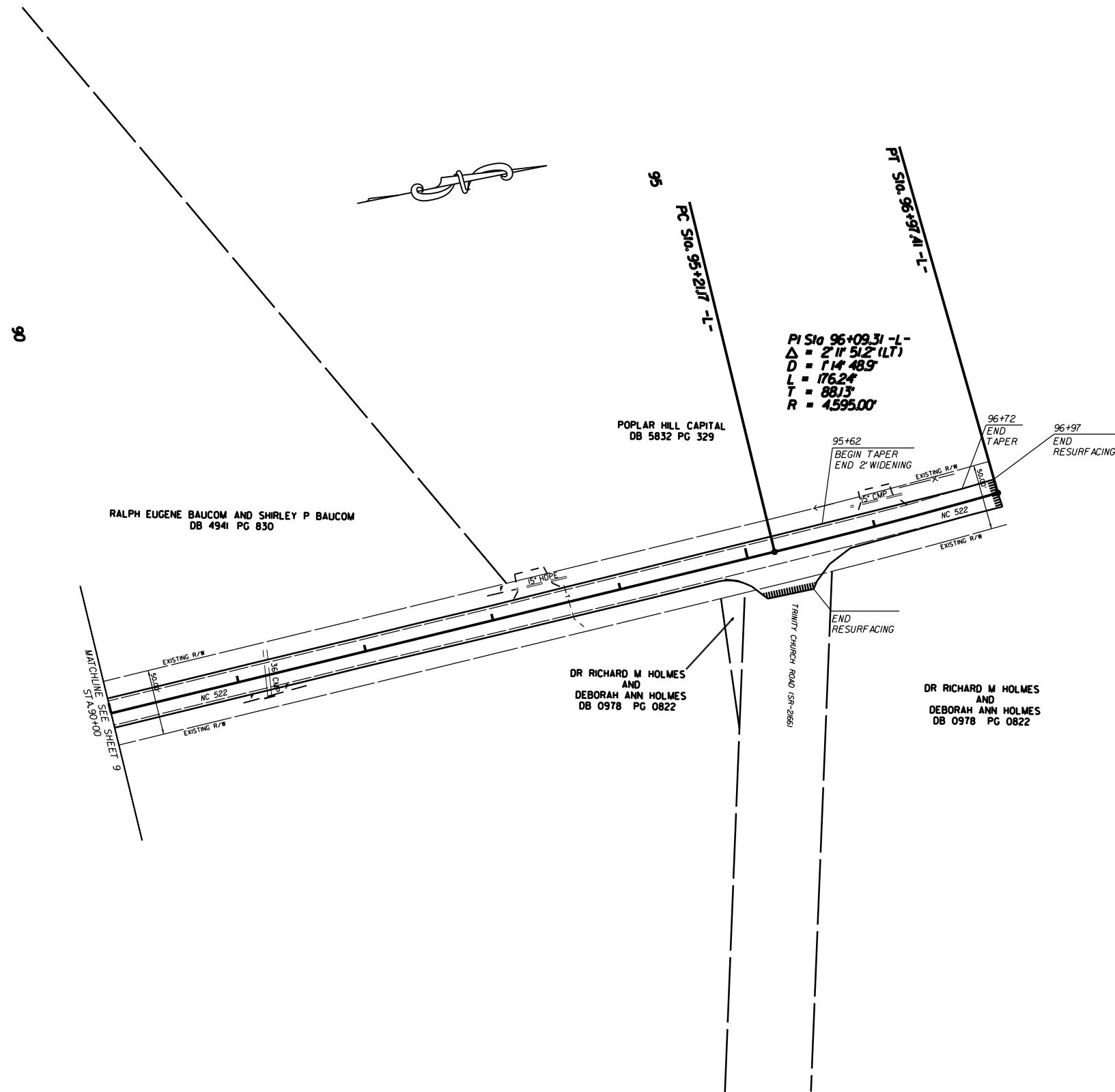
WIDENING 2' EACH SIDE AND RESURFACING
 NC 522 FROM THE SC STATILINE
 TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB




REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	10	
F.A. PROJECT NO. HSIP-0522(5)			



WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	r=50'		REVISIONS
DATE	10-19-15		
DWG. BY	DLS		
DESIGN BY	JDH		
APPROVED	RWB		

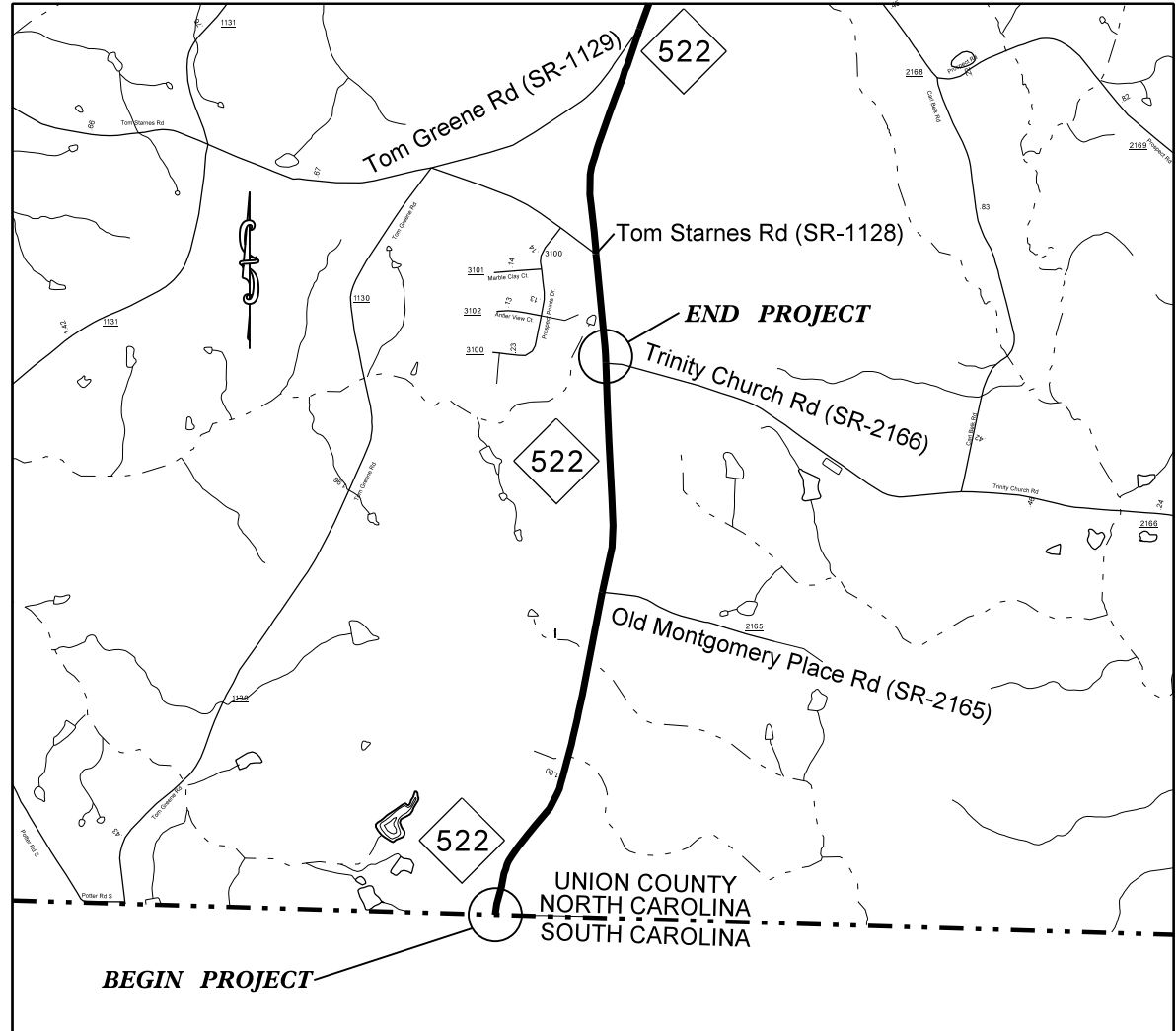
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	▲▲▲▲▲▲▲▲
1622.01	Temporary Berms and Slope Drains	— T —
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	⊗
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	⊗
1633.02	Temporary Rock Silt Check Type-B	▶
	Wattle / Coir Fiber Wattle	⌒
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	⌒
1634.01	Temporary Rock Sediment Dam Type-A	⊠
1634.02	Temporary Rock Sediment Dam Type-B	⊠
1635.01	Rock Pipe Inlet Sediment Trap Type-A	⊓
1635.02	Rock Pipe Inlet Sediment Trap Type-B	⊓
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A □
1632.02	Type B	B □
1632.03	Type C	C □
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

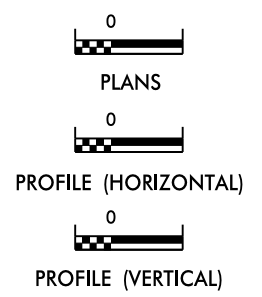


VICINITY MAP NOT TO SCALE

THIS PROJECT CONTAINS
 EROSION CONTROL PLANS
 FOR CLEARING AND
 GRUBBING PHASE OF
 CONSTRUCTION.

PROJECT: 50138.3.32 TIP: W-5601AE

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
 WITH THE REGULATIONS SET FORTH BY THE
 NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011
 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
 NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared In the Office of:
DDC UNIT DIVISION 10
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
2012 STANDARD SPECIFICATIONS
 DONALD HARWARD 3028
 EROSION CONTROL DESIGNER LEVEL III-A CERTIFICATION #

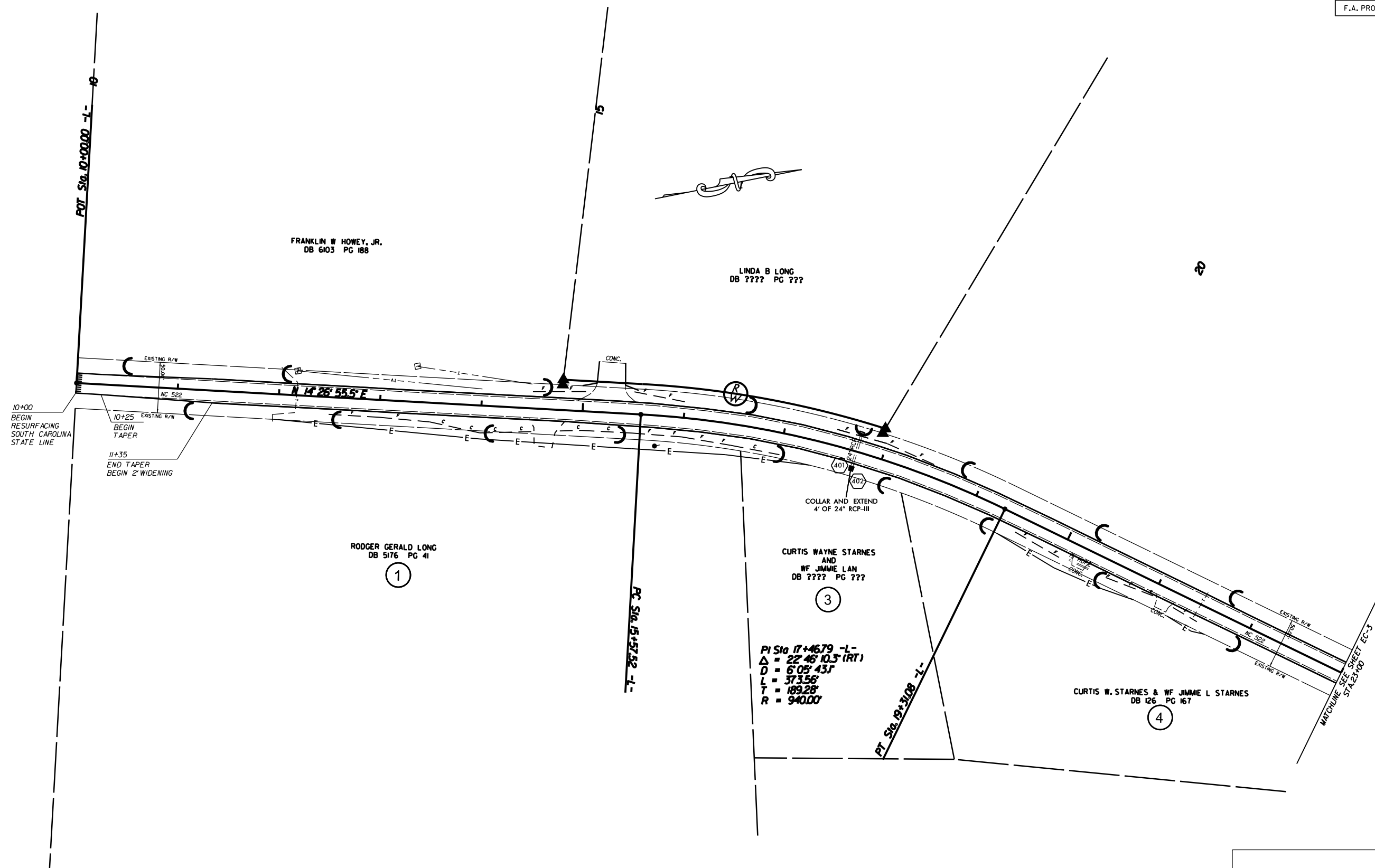
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

H:\NCE\2016_16-09_inh04\NCE\2016_16-09_inh04\DDC\2016_16-09_inh04\50138.3.32-uc9_erosion_title_sheet.dgn

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-2	
F.A. PROJECT NO. HSIP-0522(5)			



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

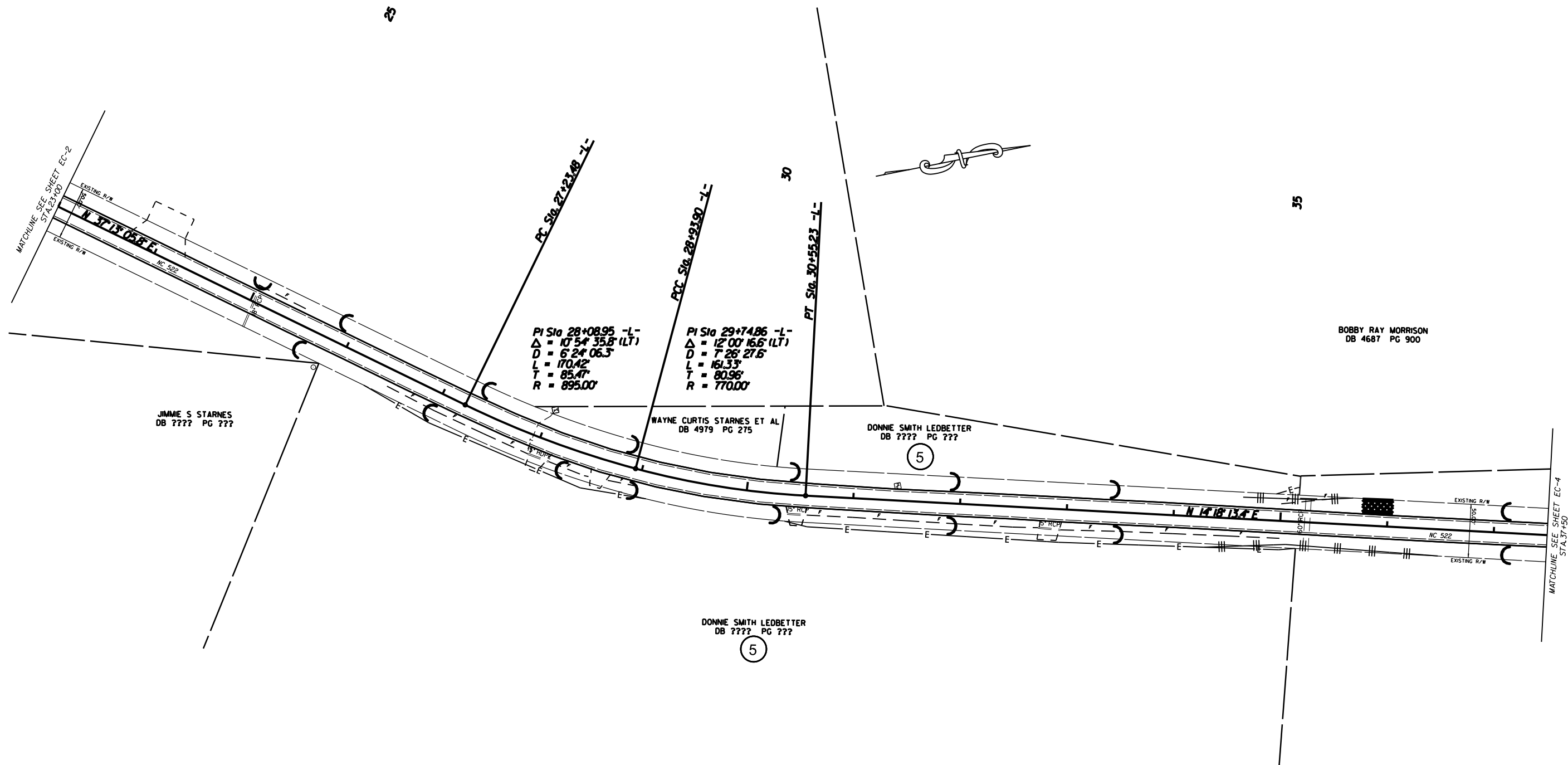
WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-3	
F.A. PROJECT NO. HISP-0522(5)			



JIMMIE S STARNES
DB ???? PG ???

PI Sta 28+08.95 -L-
Δ = 107° 54' 35.8 (LT)
D = 6' 24' 06.3"
L = 170.42'
T = 85.47'
R = 895.00'

PI Sta 29+74.86 -L-
Δ = 127° 00' 16.6 (LT)
D = 7' 26' 27.6"
L = 161.33'
T = 80.96'
R = 770.00'

WAYNE CURTIS STARNES ET AL
DB 4979 PG 275

DONNIE SMITH LEDBETTER
DB ???? PG ???

BOBBY RAY MORRISON
DB 4687 PG 900

DONNIE SMITH LEDBETTER
DB ???? PG ???

EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

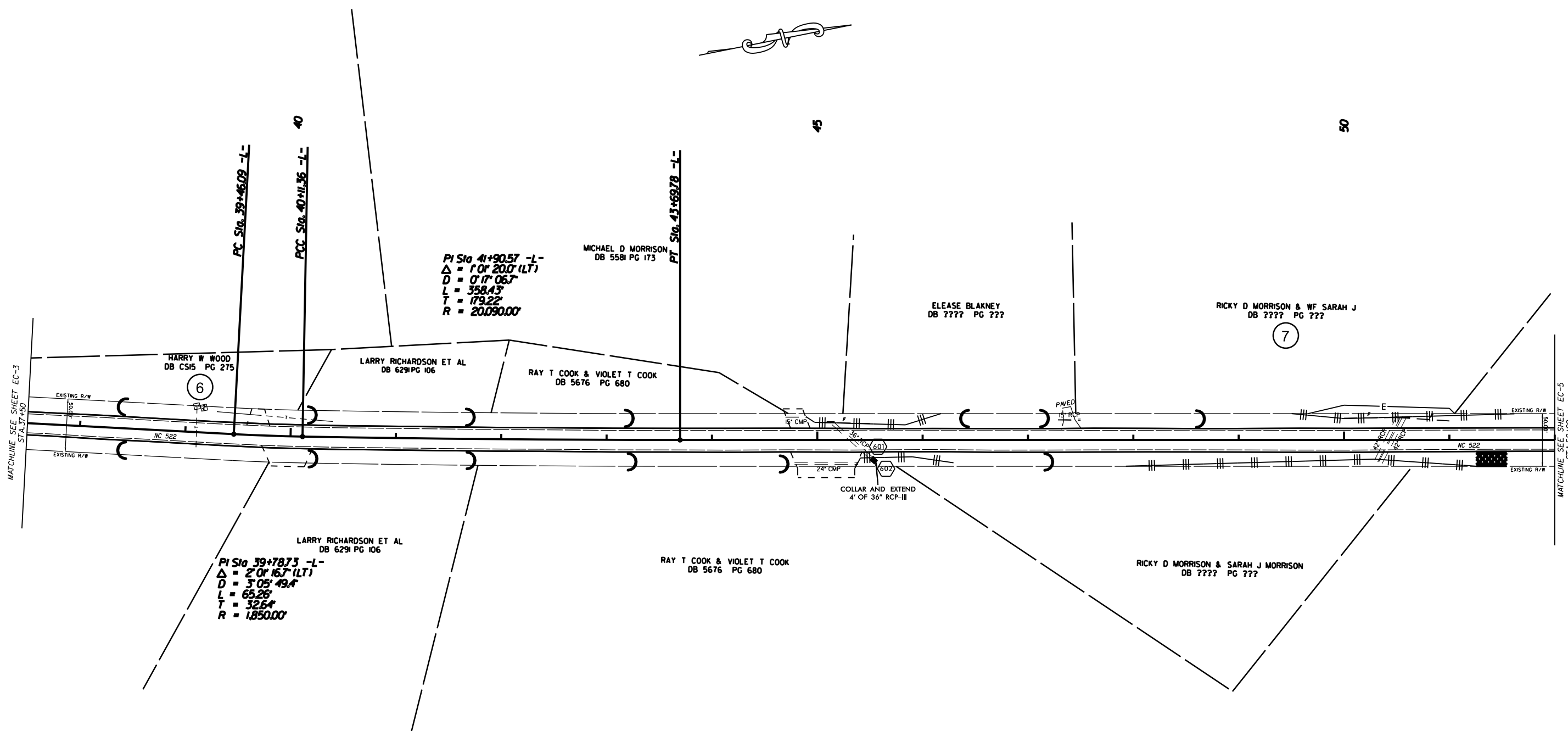
WIDENING 2' ON EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-4	
F.A. PROJECT NO. HSIP-0522(15)			



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

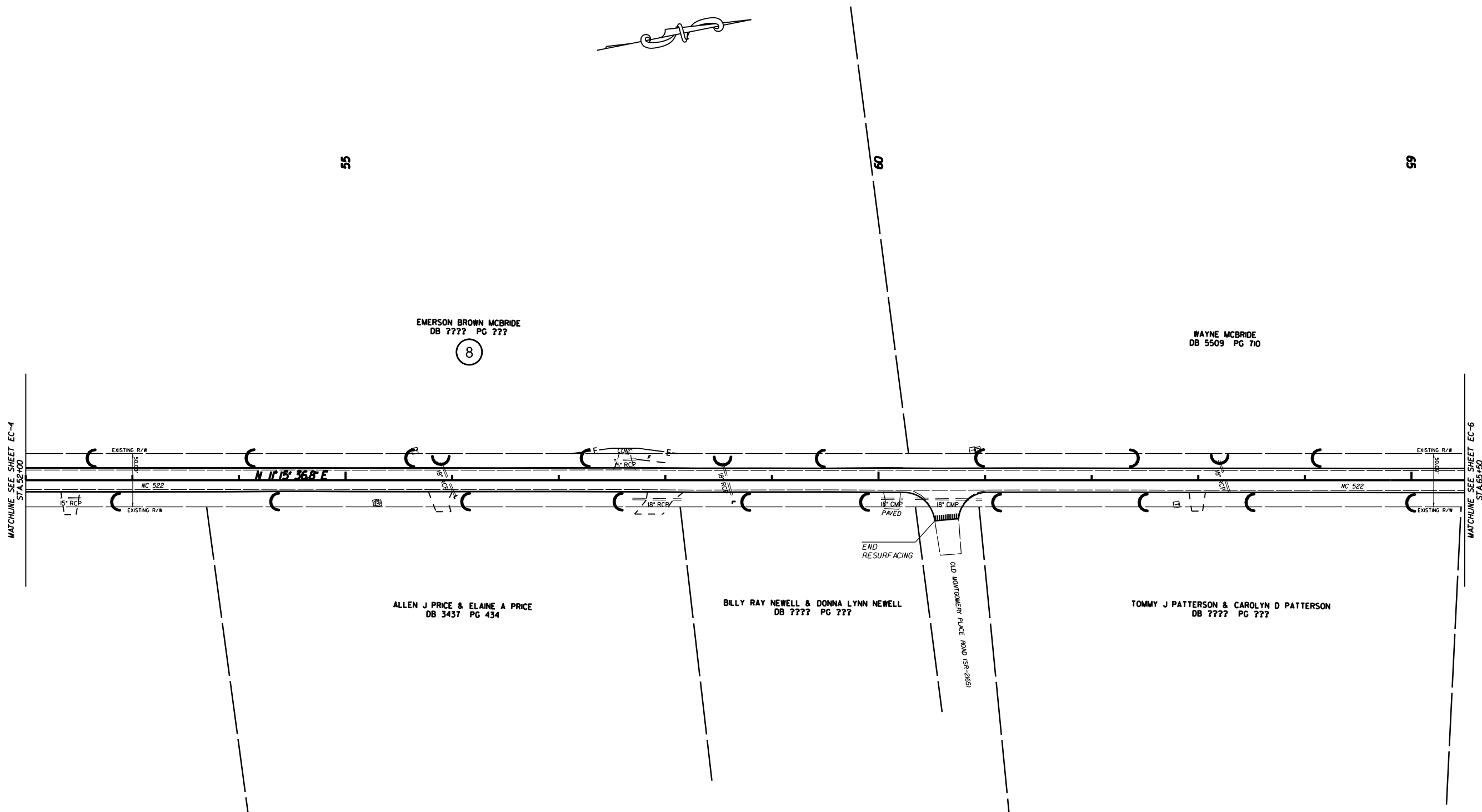
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NC 522 FROM THE SC STATILINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB




REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-5	
F.A. PROJECT NO. HSIP-0522(5)			



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

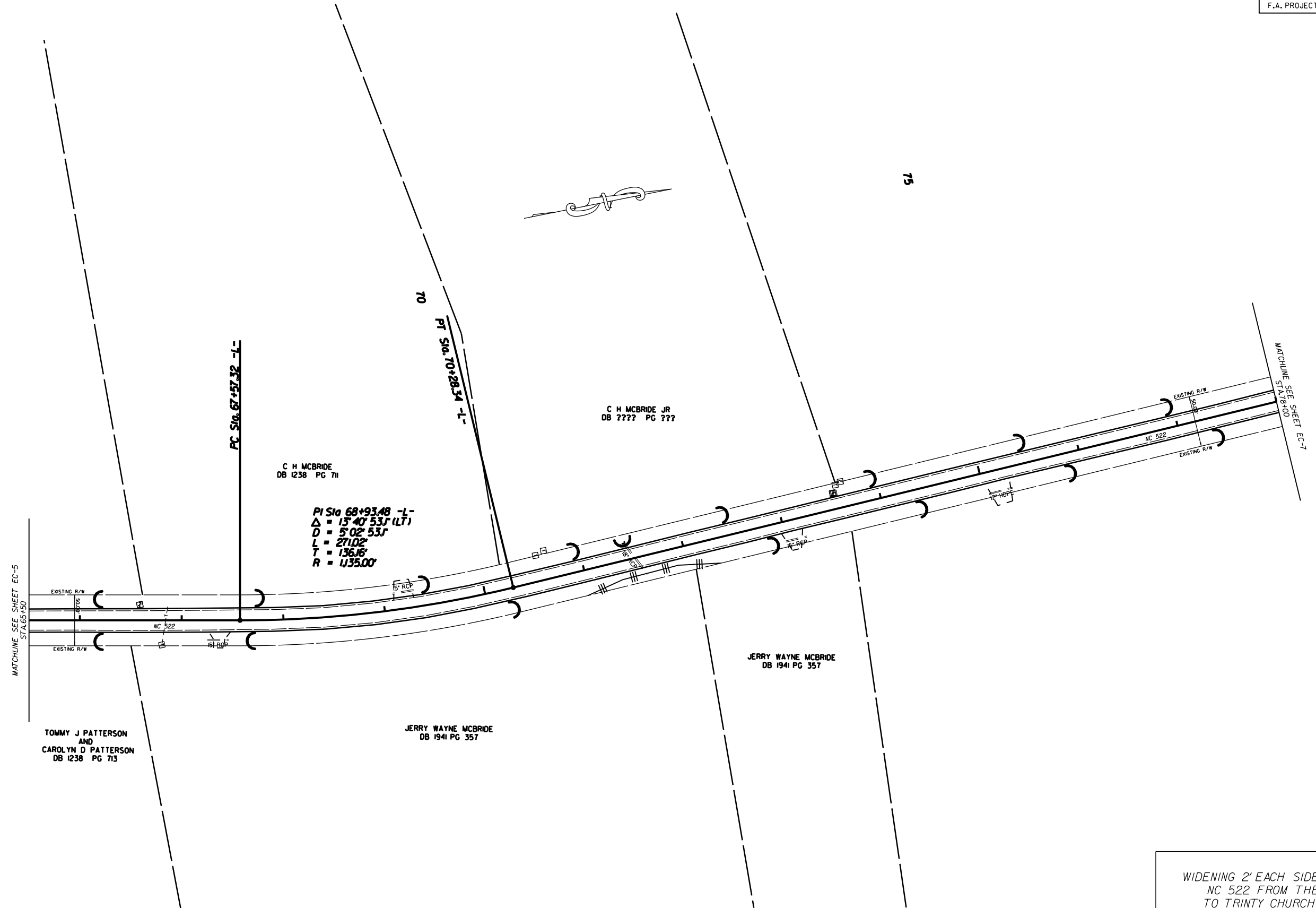
WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATILINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'		REVISIONS
DATE	10-19-15		
DWG. BY	DLS		
DESIGN BY	JDH		
APPROVED	RWB		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-6	
F.A. PROJECT NO. HSIP-0522(5)			


65

75

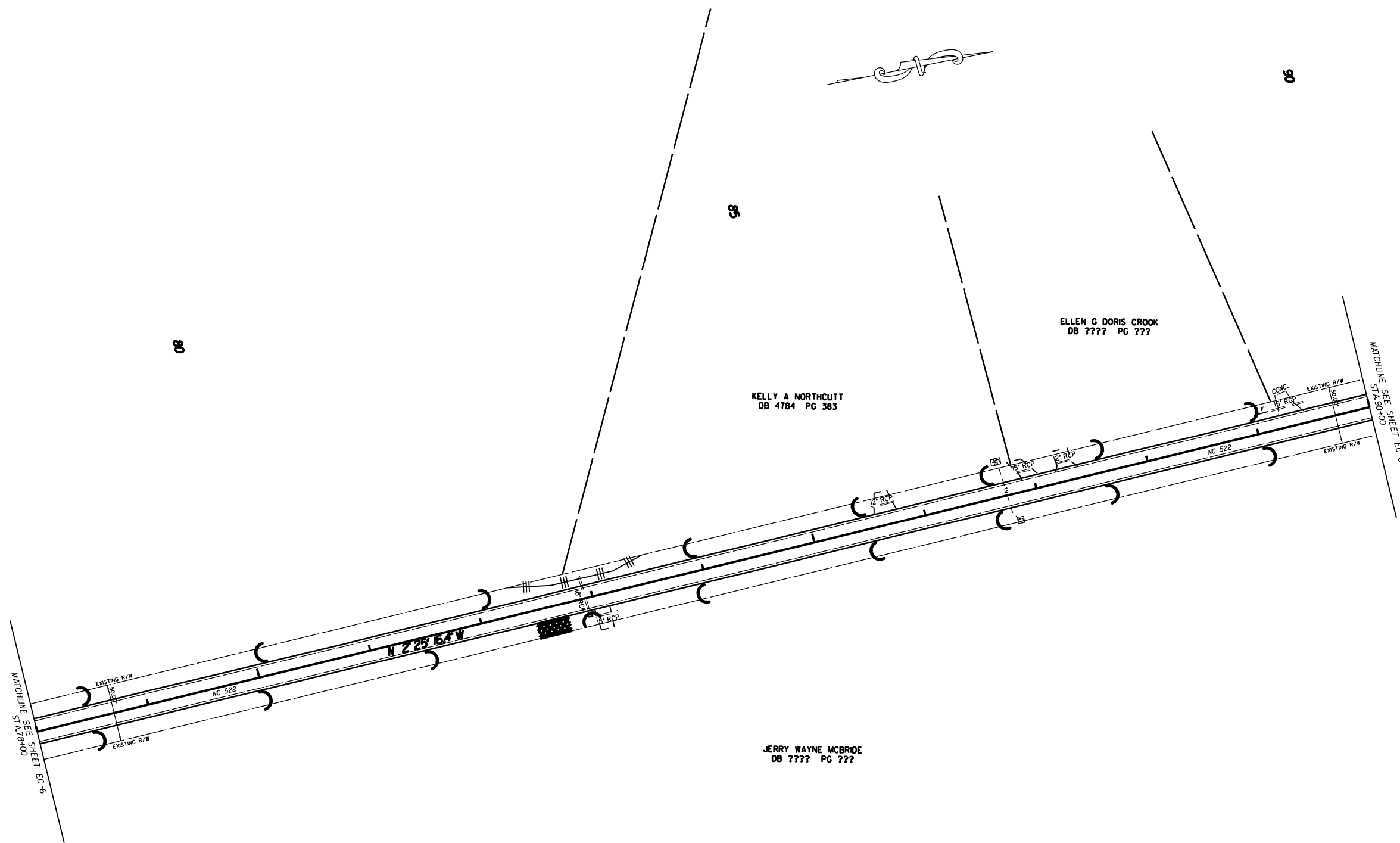


EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATILINE
TO TRINITY CHURCH ROAD (SR-2166)

SCALE	1"=50'		REVISIONS
DATE	10-19-15		
DWG. BY	DLS		
DESIGN BY	JDH		
APPROVED	RWB		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-7	
F.A. PROJECT NO. HSIP-0522(5)			



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

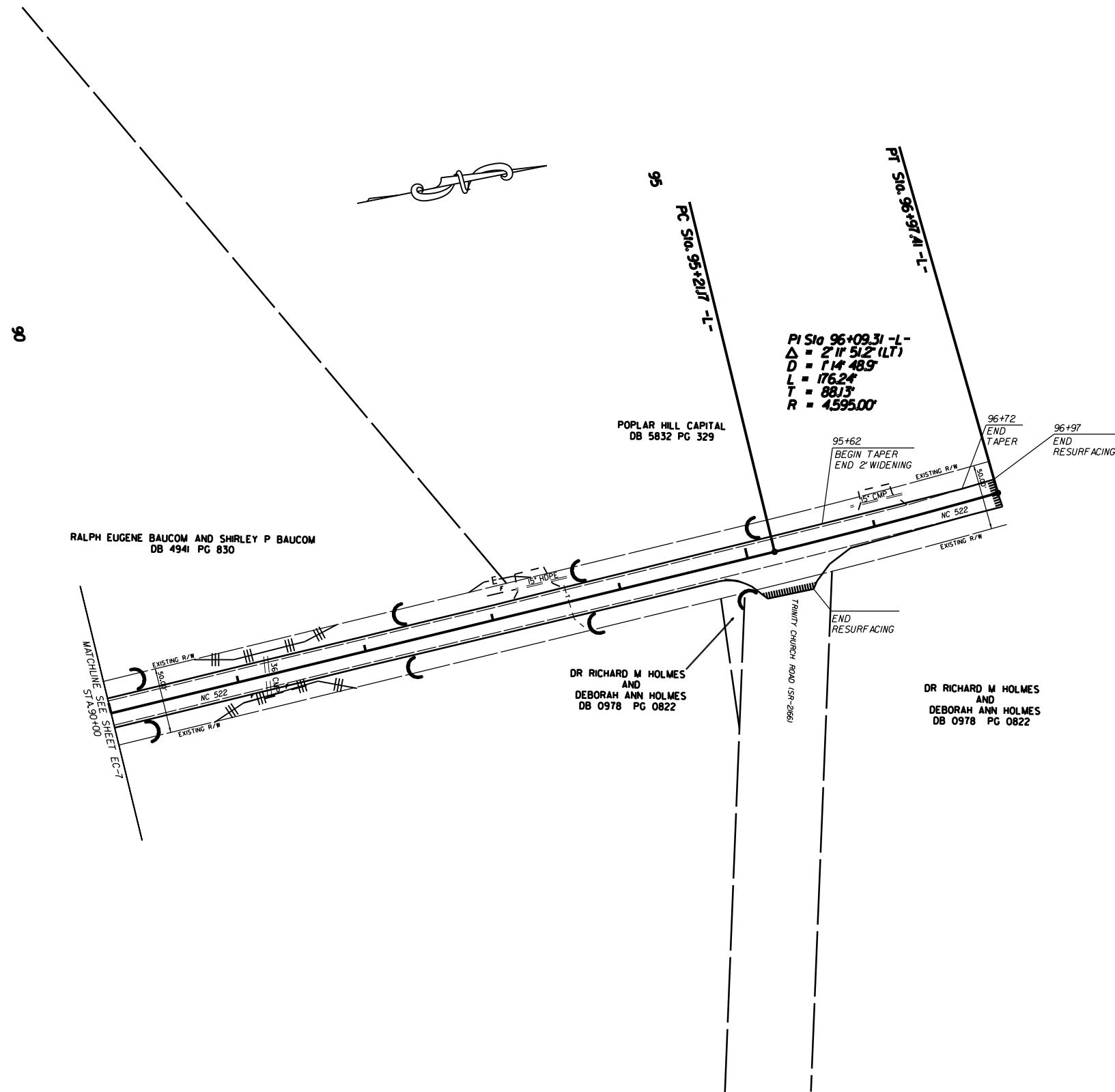
WIDENING 2' EACH SIDE AND RESURFACING
NC 522 FROM THE SC STATELINE
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SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLS
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.32	EC-8	
F.A. PROJECT NO. HSIP-0522(5)			



EROSION CONTROL MEASURES MAY BE CHANGED,
IN FIELD AS DIRECTED BY THE ENGINEER.

WIDENING 2' EACH SIDE AND RESURFACING
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SCALE	1"=50'
DATE	10-19-15
DWG. BY	DLG
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	