

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION 6

PLANS

Letting Date: AUGUST 2, 2023

CONTRACT ID: DF00445

TIP NO.: HS-2006F, HS-2006S, HS-2006T, HS-2006U & SS-6206P

FEDERAL AID NO.: HSIP-0211(043), HSIP-0501(054), HSIP-0072(010), HSIP-0072(011)

WBS ELEMENT NO.: 49312.3.10, 49312.3.23, 49312.3.24, 49312.3.25, 50577

ROUTE NO.: NC 211, NC 72 & US 501

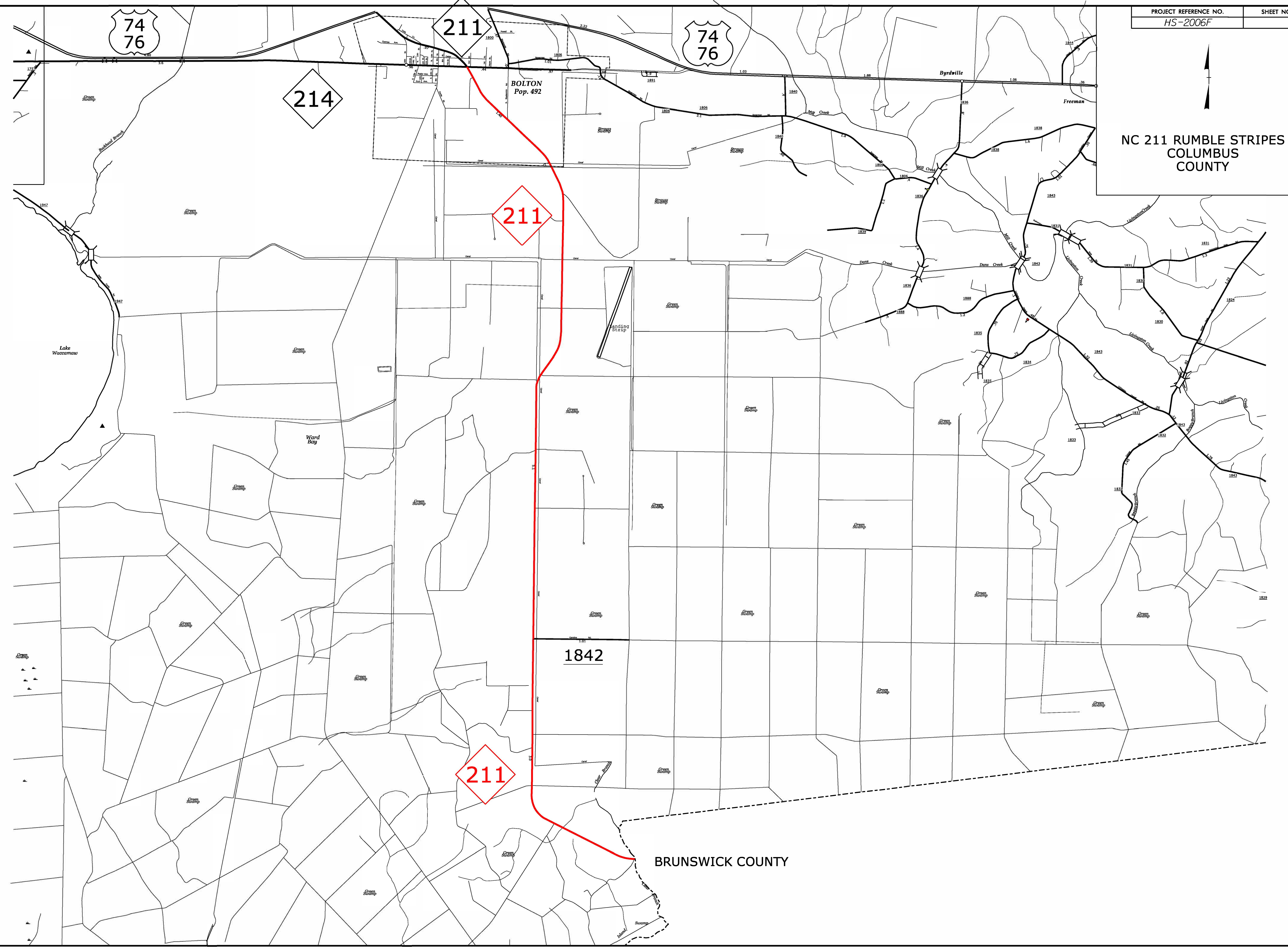
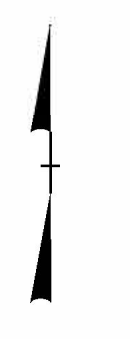
LOCATION: VARIOUS

COUNTY: COLUMBUS & ROBESON

LENGTH OF PROJECT: 47.93 MILES

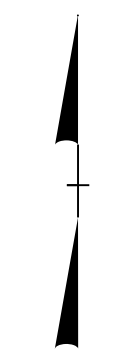
TYPE OF WORK: SINUSOIDAL MILLED RUMBLE STRIPES & PAVEMENT MARKINGS

NC 211 RUMBLE STRIPES
COLUMBUS COUNTY



REVISIONS

8/17/99
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SA\PROJECTS\HS-2006F\NC 211 Rumble Stripes\Columbus\Roadway\proj\HS-2006F Map.dgn
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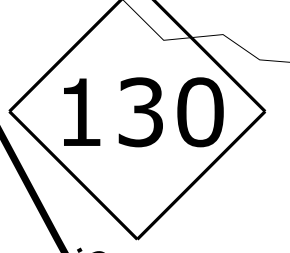
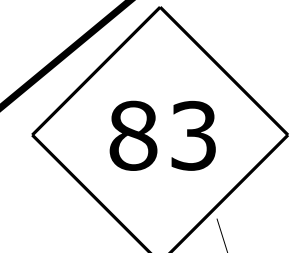
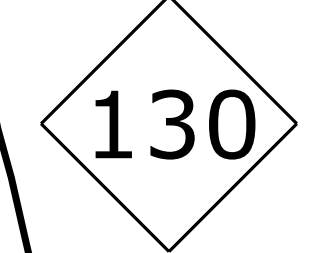
US 501 FROM SCOTLAND COUNTY TO NC 130
ROBESON COUNTY

BEGIN STATE PROJECT HS-2006S

**END STATE PROJECT HS-2006S
BEGIN STATE PROJECT SS-6206P**

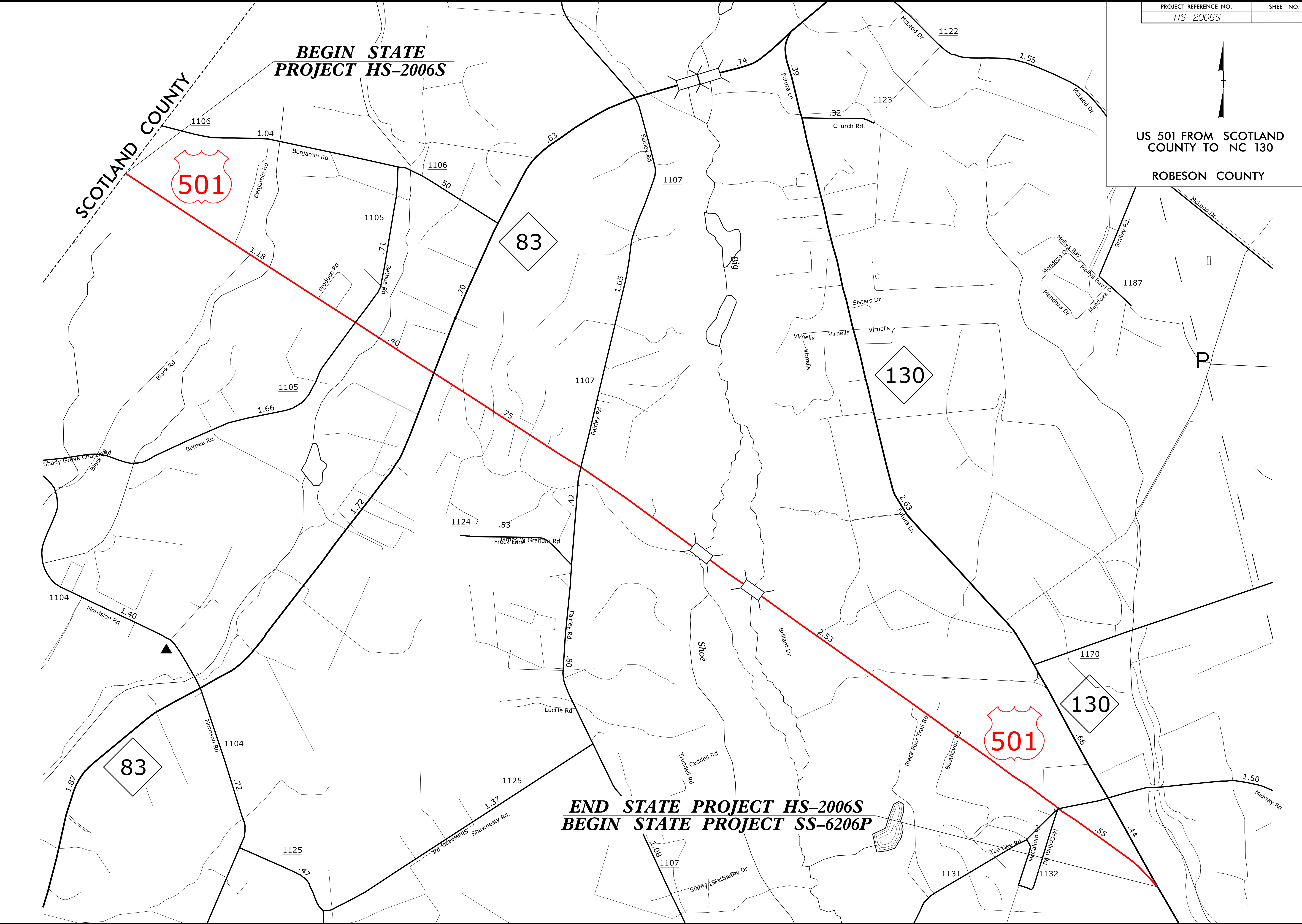
SCOTLAND COUNTY

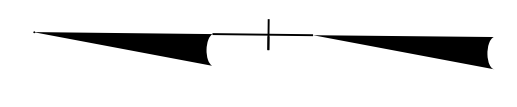
ROBESON COUNTY



REVISIONS

8/17/99
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SCOTLAND COUNTY





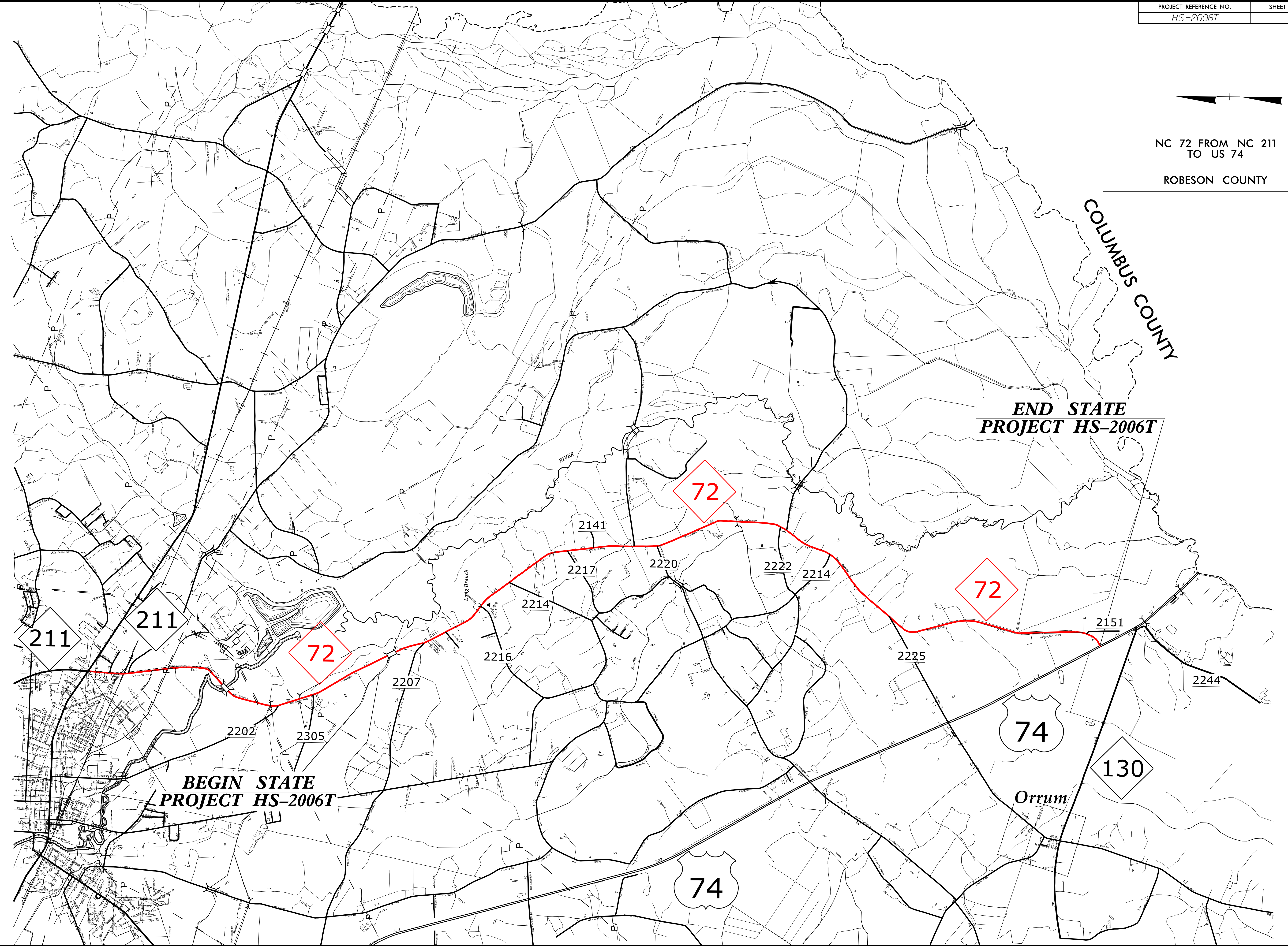
NC 72 FROM NC 211
TO US 74

ROBESON COUNTY

COLUMBUS COUNTY

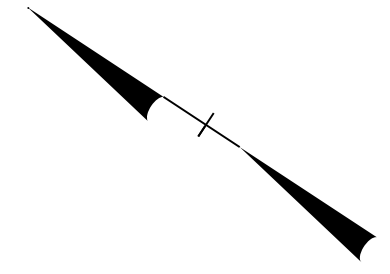
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PROJECT HS-2006T**

**BEGIN STATE
PROJECT HS-2006T**



REVISIONS

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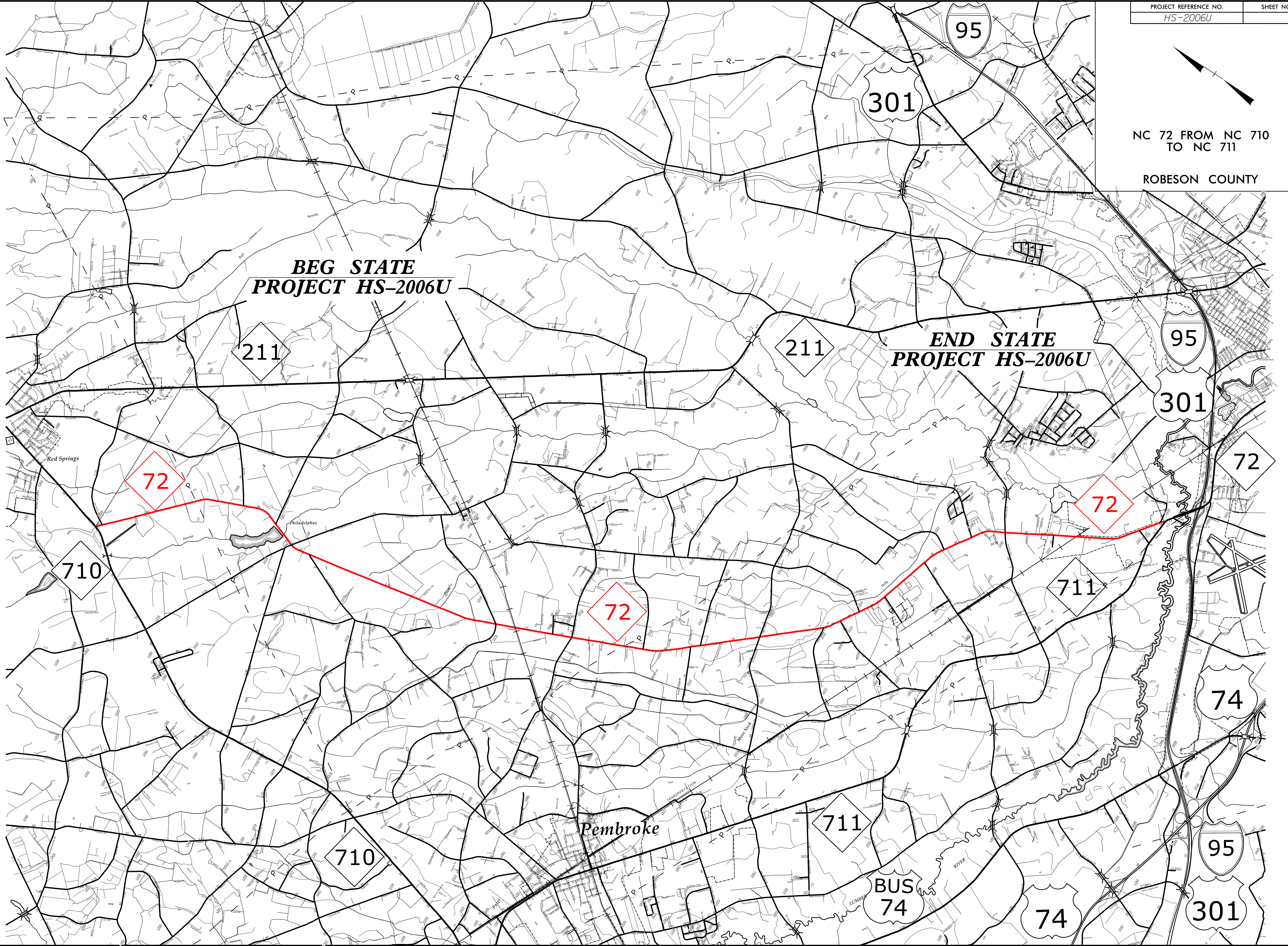


NC 72 FROM NC 710 TO NC 711

ROBESON COUNTY

BEG STATE PROJECT HS-2006U

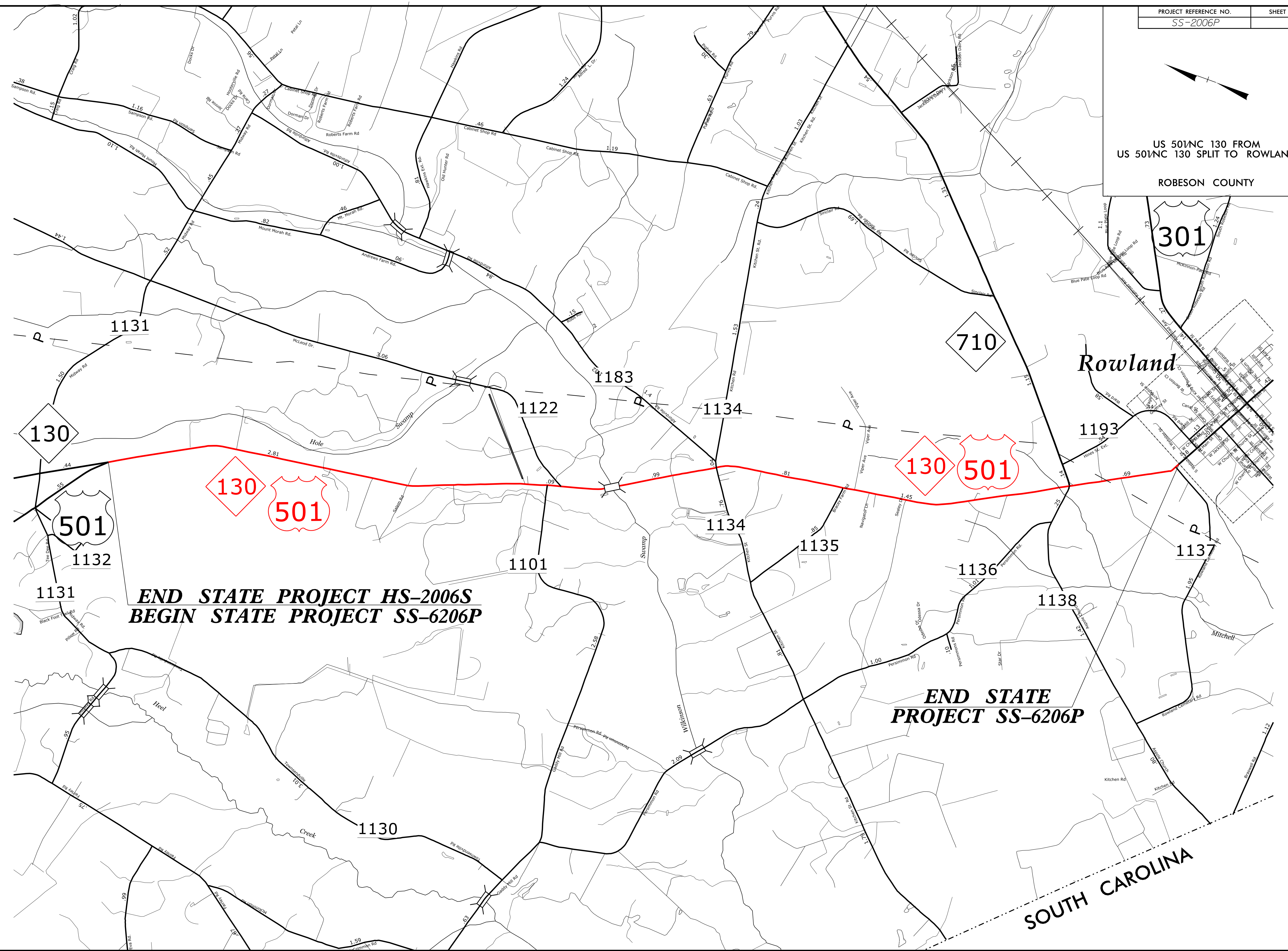
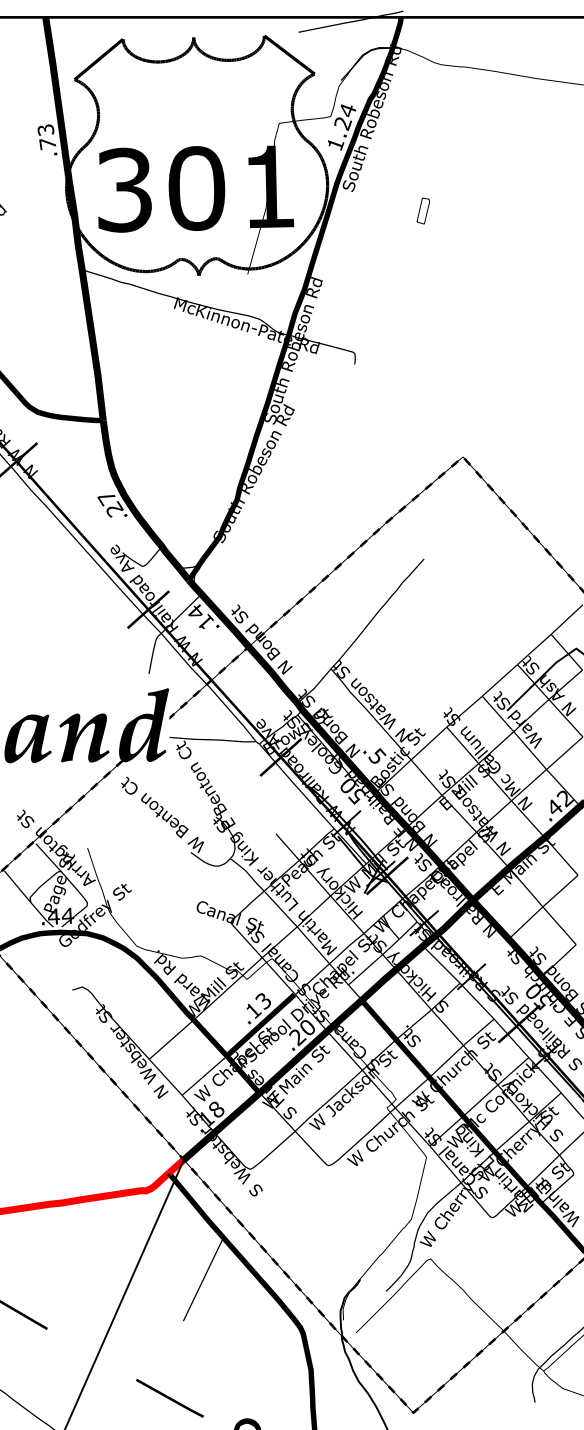
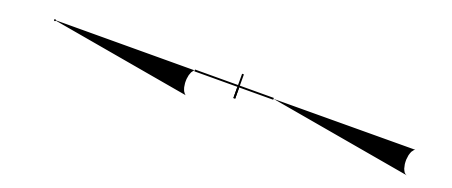
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REVISIONS

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US 501/NC 130 FROM
US 501/NC 130 SPLIT TO ROWLAND
ROBESON COUNTY



**END STATE PROJECT HS-2006S
BEGIN STATE PROJECT SS-6206P**

**END STATE
PROJECT SS-6206P**

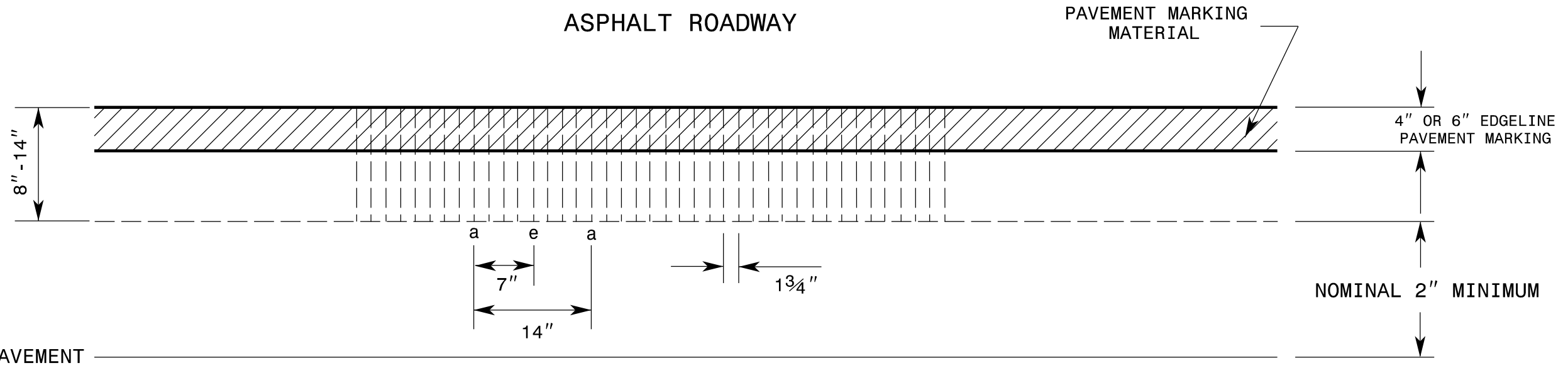
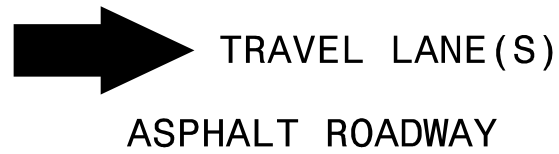
SOUTH CAROLINA

REVISIONS

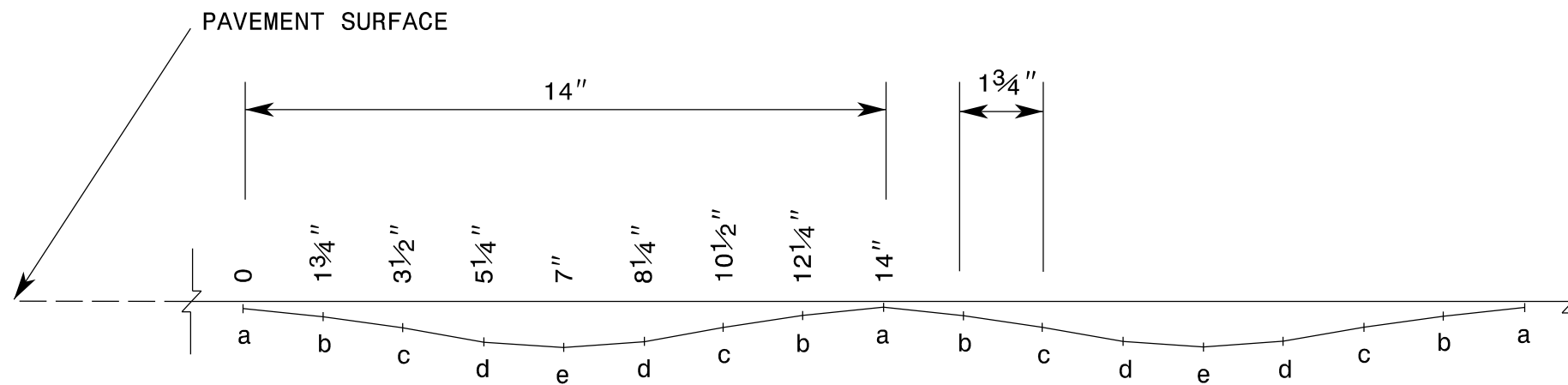
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See Table 1 within Rumble Strip Policy for Design Guidance

PLAN VIEW



PROFILE VIEW



LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	11/32"
e	375	3/8"

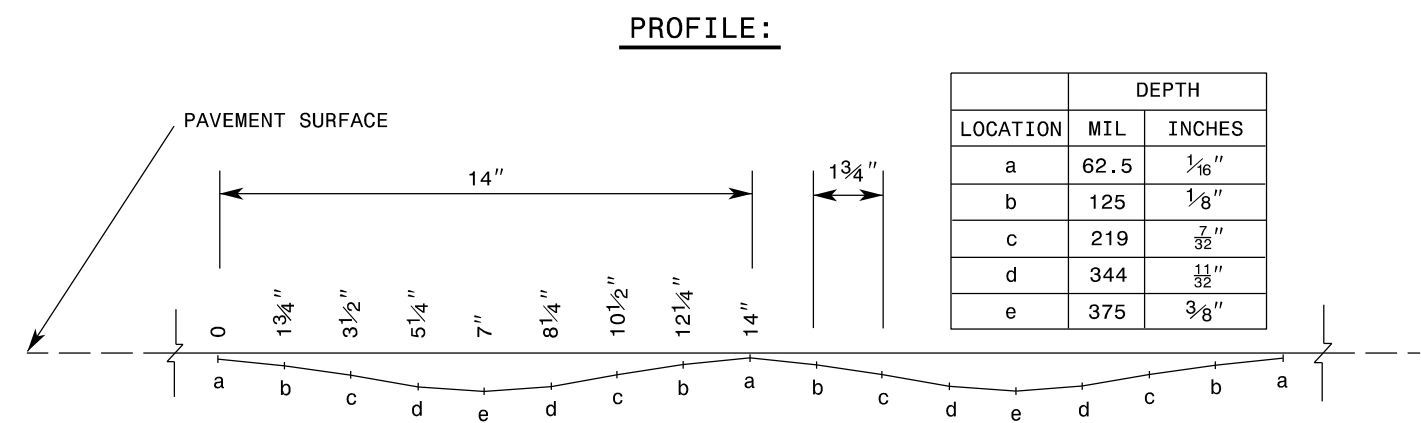
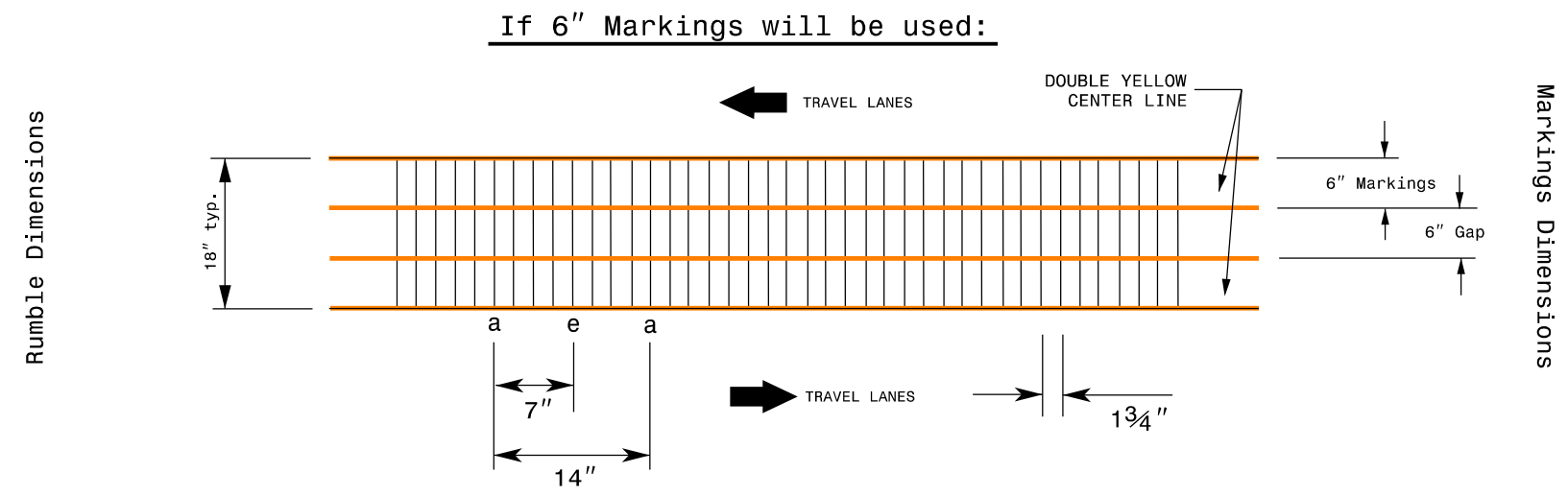
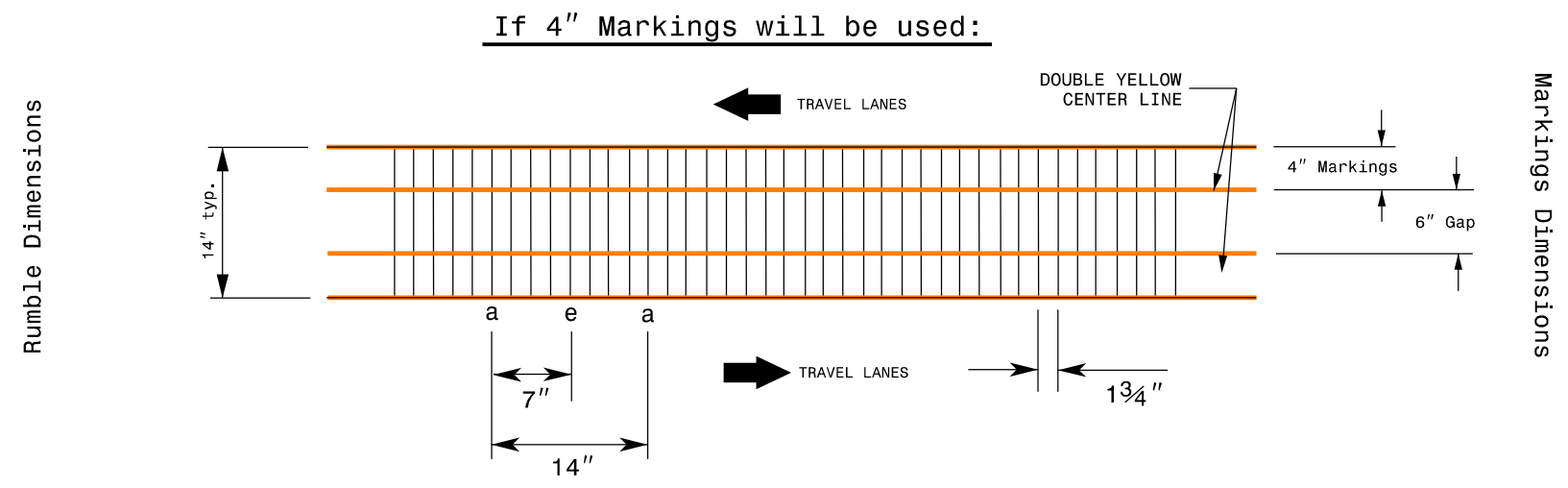
REFERENCE DRAWING ID: Sin.Stripe

DRAFT REFERENCE DRAWING: FEBRUARY 2023

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
- 3) ENSURE GLASS BEADS ARE SPREAD UNIFORMLY OVER THE ENTIRE SURFACE OF THE PAVEMENT MARKING MATERIAL.

See Table 2 within Rumble Strip Policy for Design Guidance



REFERENCE DRAWING ID: Sin.CL

DRAFT REFERENCE DRAWING: FEBRUARY 2023

NOTES:

- 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By: Terhaar et. al, June 2016*
- 2) USING A VACUUM, REMOVE ALL DEBRIS FROM THE MILLINGS JUST PRIOR TO PLACING ANY PAVEMENT MARKINGS.
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