This electronic collection of documents is provided for the convenience of the user and is Not a Certified Document –

The documents contained herein were originally issued and sealed by the individuals whose names and license numbers appear on each page, on the dates appearing with their signature on that page.

This file or an individual page shall not be considered a certified document.

SHEET NUMBER

2 THRU 3 4 THRU 5 SHEET

TITLE SHEET HS-2414D

HS-2414E

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

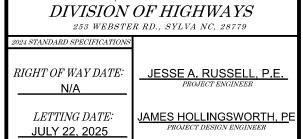
MACON COUNTY

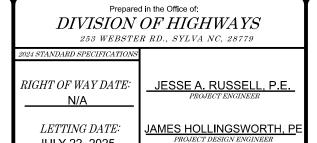
LOCATION: SR 1668 (FULTON RD.) SR 1372 (LOWER BURNINGTOWN RD.)

TYPE OF WORK: GUARDRAIL INDEX OF SHEETS

HAYWOOD
SWAIN
HENDERSON
GRAHAM JACKSON
TRANSY- LVANIA POLK
CHEROKEE
CLAY

STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS					
\mathbb{N} .C.		50986		11	5				
STA	TE PROJ. NO.	F.A. PROJ. NO.		DESCRIPT	ON				
50	986.3.5	5098603	C	ONSTRUCTION					
50	986.3.6	5098602	C	CONSTRUCTIO					
			1						
			_						
			_						
		l							







TELECT: HG-2111

MACON COUNTY

FULTON RD (SR 1668)

Sorting to the state of the sta
Office Park In Sugarfork Rd Services Se
E Belless
OTE STATE OF THE PROPERTY OF T

Creek Dr

SR-1663 Ra

Griffin Rd

Sorrell's Rd

STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS					
N.C.	⊢	IS-2414D		2					
STA	ΓΕ PROJ. NO.	F. A. PROJ. NO.		TION					
50	986.3.5	5098603	CC	CONSTRUCTION					



MAP 1



Swanson Rush Cv



BEG

END

" =	DISTAN	NCE F	ROM	EDGI	E OF L	ANE TO) FACE	OF (GUARDR	AIL.					
TAL	. SHOUL	DER V	VIDTH	=	DISTAN	ICE FRO	M ED	GE OI	F TRAVEI	LANE	TO S	SHOU	LDER	BREAK	POINT
ARE	LENGTH	=	DISTAN	NCE F	ROM	LAST S	ECTION	I OF	PARALLE	L GUAR	DRAIL	. TO	END	OF G	UARDR
=	TOTAL	WIDT	H OF	FLAR	E FRO	M BEG	INNING	OF	TAPER T	O END	OF	GUA	RDRAII	L,	
=	GATING	S IMF	PACT A	TTEN	UATOR	TYPE	350								

STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS	
N.C.	H	IS-2414D		3	
STAT	TE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	ION
50	986.3.5	5098603	CC	ONSTRU	ICTION
	-				
	2				

GUARDRAIL SUMMARY

ROUTE	BEG, STA.	END STA.	IOCATION		LENGTH		WARRAN	IT POINT	"N" DIST. FROM E.O.L.	TOTAL SHOULDER WIDTH	FLARE	LENGTH		W		_	ANCHORS	5	A	IMPACT ITENUATOI TYPE 350	EXTRA LENGTI GUARDRAIL POSTS	1	REMARKS
ROUTE	DEG. SIA.	END SIA.	LOCATION	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	E.O.L.	WIDTH	APPROACH END	TRAILING END	APPROACH END	TRAILING END	GŖEU TL-2		2002		. N	PERMITTEI O. G NO	POSTS (8')		REMARKS
SR 1668	9+00	37+50	LT	2850							50	50	1	1	2						72		
SR 1668	43+25	50 + 7 5	LΤ	750							50	50	1	1	2								
SR 1668	78 + 70	85 + 20	LT	650							50	50	1	1	2								
]										
CONTINGENT																							PLACE AS NEEDED
SUBTOTAL				4250′											6						72		
DEDUCTIO	NS FOR GREU			150′										6 @	25' = 1	50'							
TOTAL				4100′																	72		

GENERAL NOTES:

2024 SPECIFICATIONS

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch – N. C. Department of Transportation – Raleigh, N. C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE DIVISION 8 – INCIDENTALS

Guardrail Placement (Use Details in lieu of Standards for Sheets 4, 6, 12, and 14 of 15)

862.02 Guardrail Installation

DIVISION 11 – WORK ZONE TRAFFIC CONTROL 1101.01 Work Zone Advance Warning Signs

1101.02 Temporary Lane Closures

MACON COUNTY

LOWER BURNINGTOWN RD (SR 1372)

	Barnes Cove Rg Ridge Try SR-1445 Barnes Cove Rg SR-1445 Rd SR-1474 Readows Re
	Creek Rd Spring Creek Rd Sprin
	Smith Rd SR-1390 SR-1390 SR-1390 Burning of SR-1392
Puras s	Runaway Hills Rd Red Rids Middle Burningtown Rd Rids Nopol Gist Bail Nopol Gist Bail

STATE	STATI	E PROJECT REFERENCE NO.		SHEET NO.	TOTAL SHEETS
N.C.	H	IS-2414E		4	
STAT	TE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	TON
50	986.3.6	5098602	CC	ONSTRU	JCTION
	17				
	2				
	-				



MAP 2





END

BEG

′ =	DISTAN	ICE F	ROM	EDG	E OF L	ANE	TO F	ACE	OF	GUARD	RAII	L.						
TAL	SHOULD	ER W	VIDTH	=	DISTAN	ICE F	ROM	EDGI	E OI	F TRAV	EL L	ANE T	0 5	HOU	LDER	BREA	K PC	TMIC
RE	LENGTH	=	DISTAN	ICE	FROM	LAST	SECT	ION	OF	PARALL	EL (GUARD	RAIL	. TO	END	OF (GUA	RDR/
=	TOTAL	WIDT	H OF	FLAF	RE FRO	M BE	GINN	IING	OF	TAPER	TO	END	OF	GUA	RDRAI	L.		
=	GATING	IMP	PACT A	TTEN	UATOR	TYPE	350)										

STATE	STAT	E PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS	
N.C.	⊢	IS-2414E		5	
STAT	TE PROJ. NO.	F. A. PROJ. NO.		DESCRIPT	ION
509	986.3.6	5098602	CC	ONSTRU	ICTION
	7				

GUARDRAIL SUMMARY

ROUTE	BEG. STA.	END STA.	LOCATION		LENGTH		WARRAN	IT POINT	"N" DIST. FROM E.O.L.	TOTAL	FLARE	LENGTH	,	W		_	 ANCHORS		_		IMPACT ATTENUATO TYPE 350	R EXTRA LENGT	н	REMARKS
ROUTE	BEG. SIA.	END STA.	LOCATION	STRAIGHT	SHOP CURVED	DOUBLE FACED	APPROACH END	TRAILING END	FROM E.O.L.	SHOULDER WIDTH	APPROACH END	TRAILING END	APPROACH END	TRAILING END	GŖEU TL-2	AT-1	140 Kg	34 S4-			PERMITTI	DOCTO		REWARKS
SR 1372	153 + 75	173+75	LT	2000							50	50	1	1	2									
SR 1372	174 + 75	183+50	LT	875							50	50	1	1	2									25' CLEAR SPAN
SR 1372	184+25	202+00	LT	1775							50	50	1	1	2							85		
SR 1372	203+00	209+37.50	LΤ	612.5	25										1	1						8		
SR 1372	216+81.25	220+50	LT	368.75							50	50	1	1	2									
SR 1372	222+80	243+61.25	LT	2081.25							50	50	1	1	2									
SR 1372	242 + 67	246+29.50	LT	325	37.5						50	50	1	1	2					: 4				25' CLEAR SPAN
																							1	
CONTINGENT																								PLACE AS NEEDED
SUBTOTAL				8037.5′	62.5′										13	1						93		
DEDUCTIO	NS FOR GREU			331.25′										13 @	25' =	325′								
														1 @	6.25′ =	6.25′								
TOTAL				7706.25′	62.5′																	93		

GENERAL NOTES:

2024 SPECIFICATIONS

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch – N. C. Department of Transportation – Raleigh, N. C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE DIVISION 8 – INCIDENTALS

Guardrail Placement (Use Detail in Lieu of Standards for Sheets 4, 6, 12, and 14 of 15)

862.02 Guardrail Installation

DIVISION 11 – WORK ZONE TRAFFIC CONTROL 1101.01 Work Zone Advance Warning Signs

1101.02 Temporary Lane Closures