

WBS NO: 50973.3.3

CONTRACT: DA00626

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	1
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-17	2.44	NBL	LT	36.013302	-76.948131	1	0



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J. S. ABEL, JR.
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BERTIE

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	2
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-17	5.82	SBL	LT	36.015591	-76.941284	1	0



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STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	3
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	32.96	WBL	LT	36.080358	-75.790893	1	0
US-158	32.98	EBL	RT	36.080176	-75.790624	1	0
US-158	32.98	EBL	LT	36.080314	-75.790637	1	0



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STATE OF NORTH CAROLINA

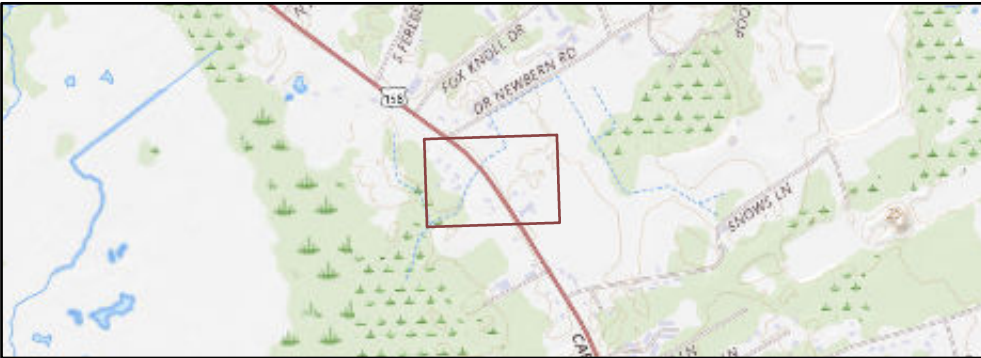
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	4
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	27.43	WBL	LT	36.143579	-75.844223	1	0



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CONTRACT: DA00626

STATE OF NORTH CAROLINA

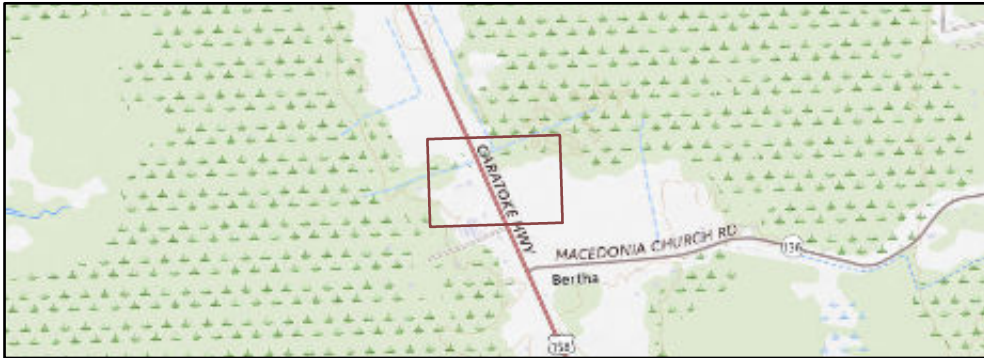
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	5
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	17	EBL	LT	36.276476	-75.912466	1	0



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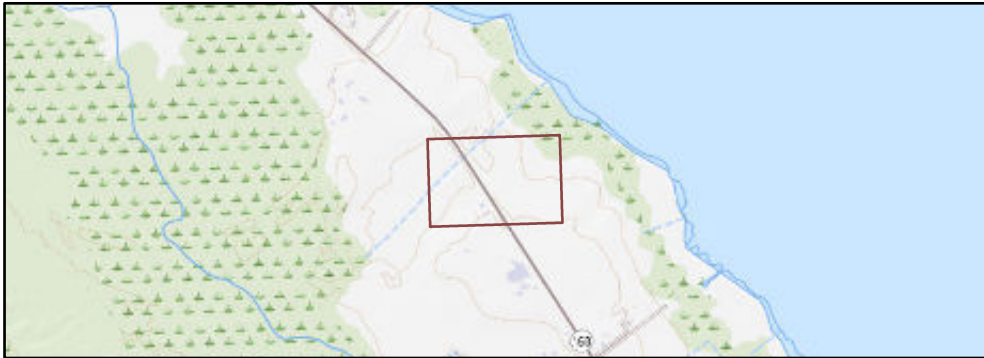
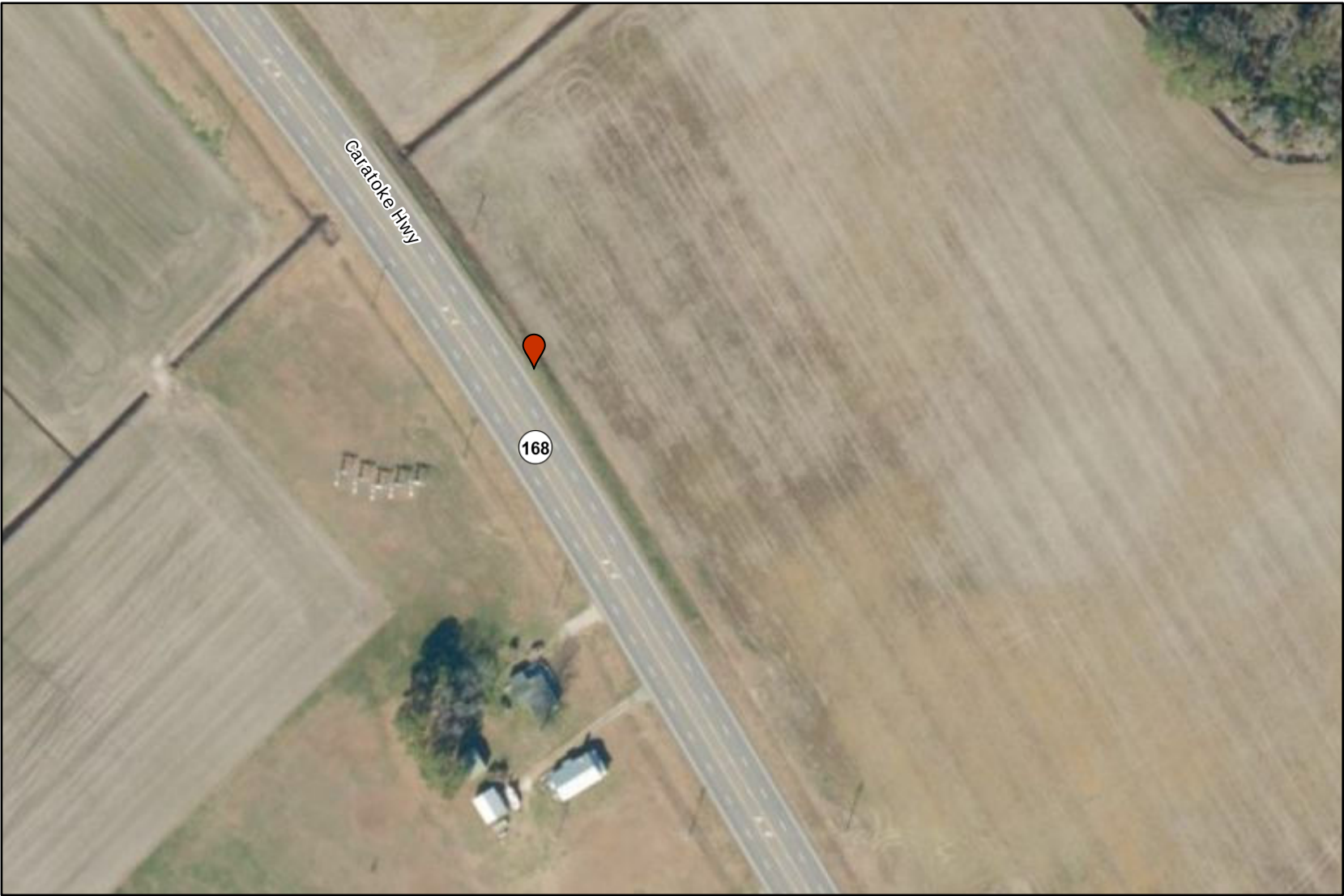
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	6
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	1.07	NBL	RT	36.399776	-75.985395	1	0



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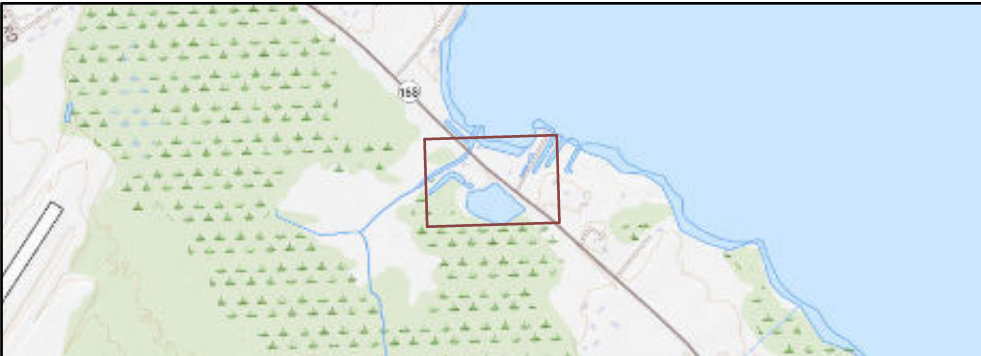
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	7
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	1.75	SBL	RT	36.406555	-75.994073	1	0



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STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	8
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	8.39	NBL	RT	36.452593	-76.074046	1	0



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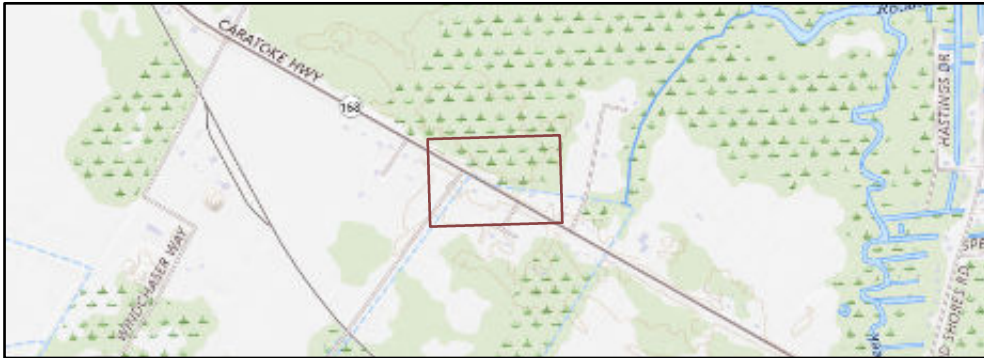
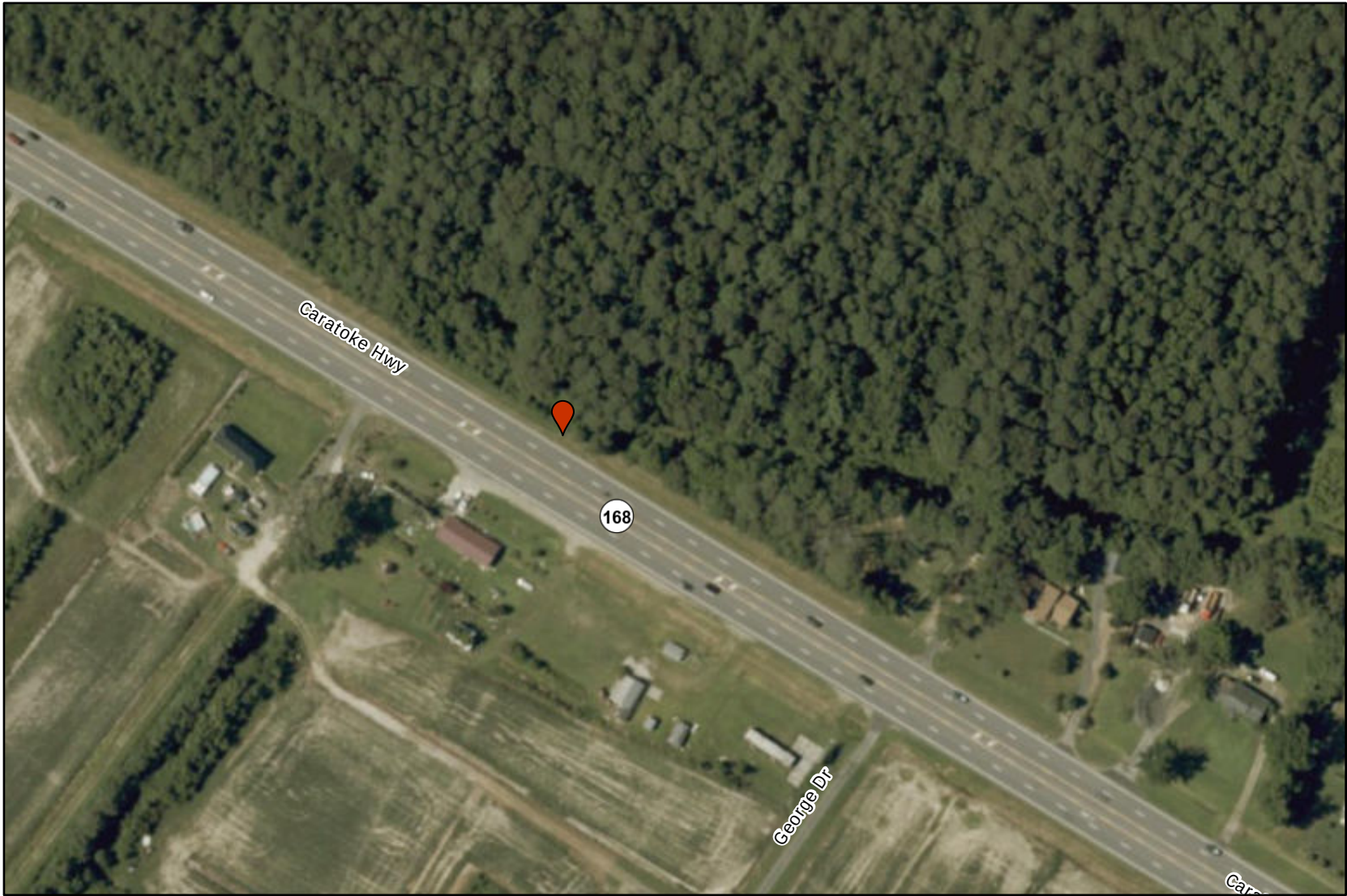
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	9
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	11.38	NBL	RT	36.473752	-76.118608	1	0



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CONTRACT: DA00626

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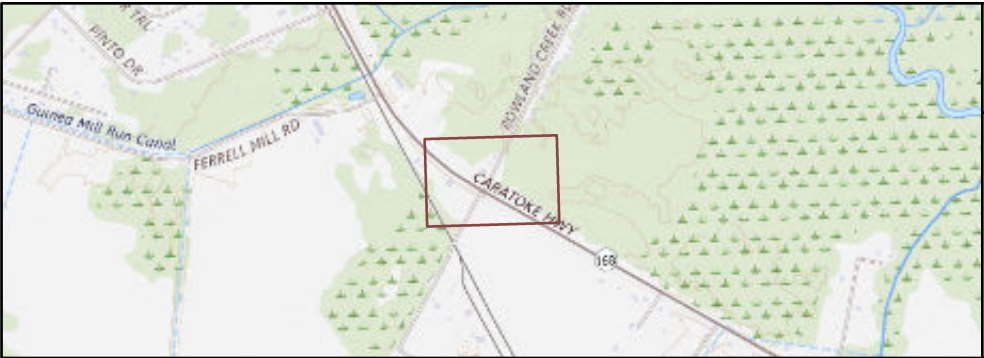
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	10
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	0.03	NBL	RT	36.478551	-76.127714	1	0



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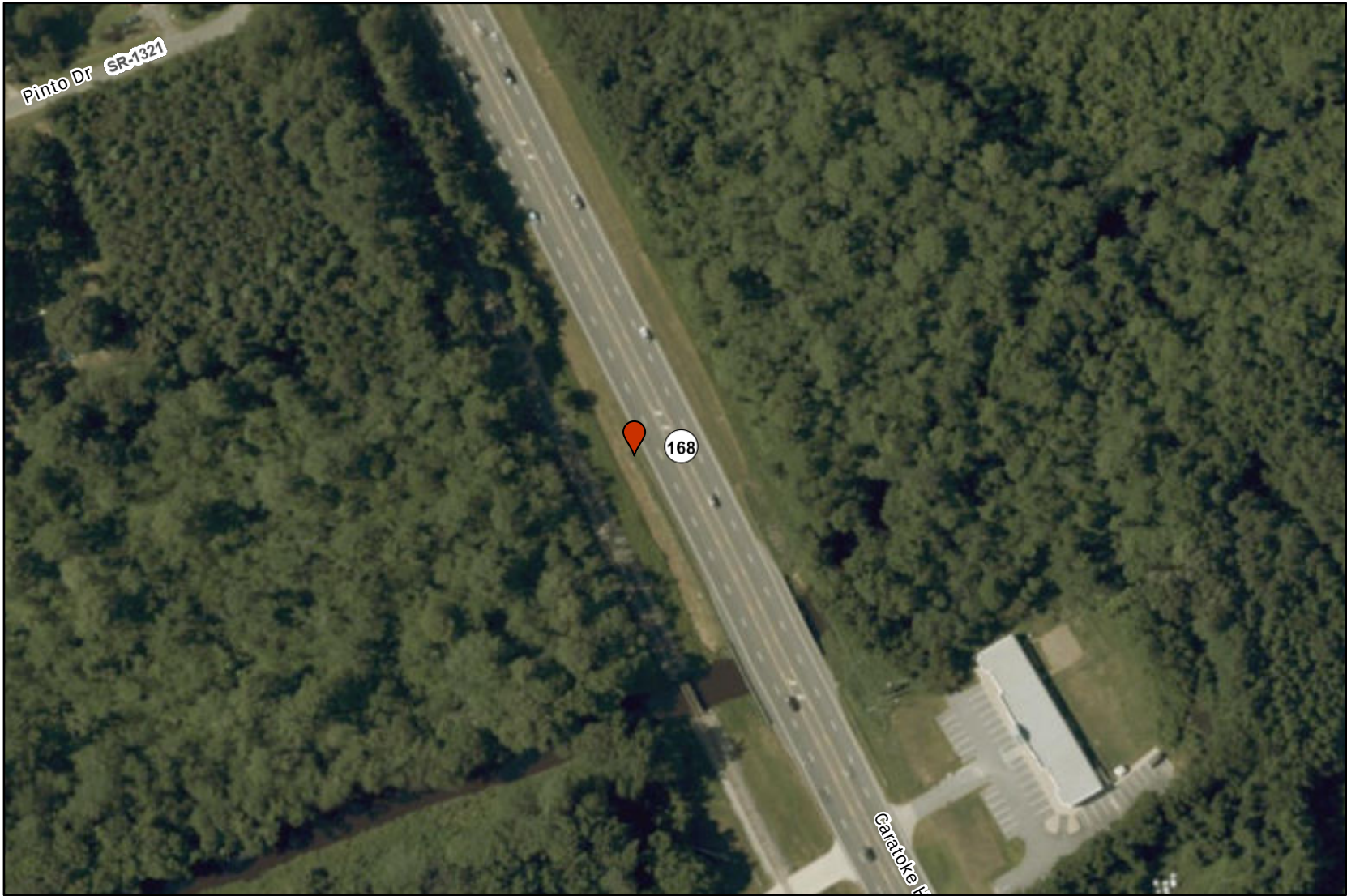
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	11
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	12.37	SBL	LT	36.482359	-76.132351	1	0



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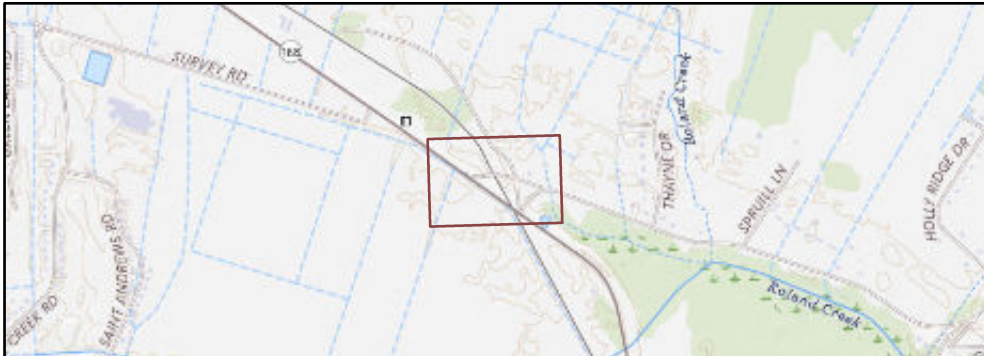
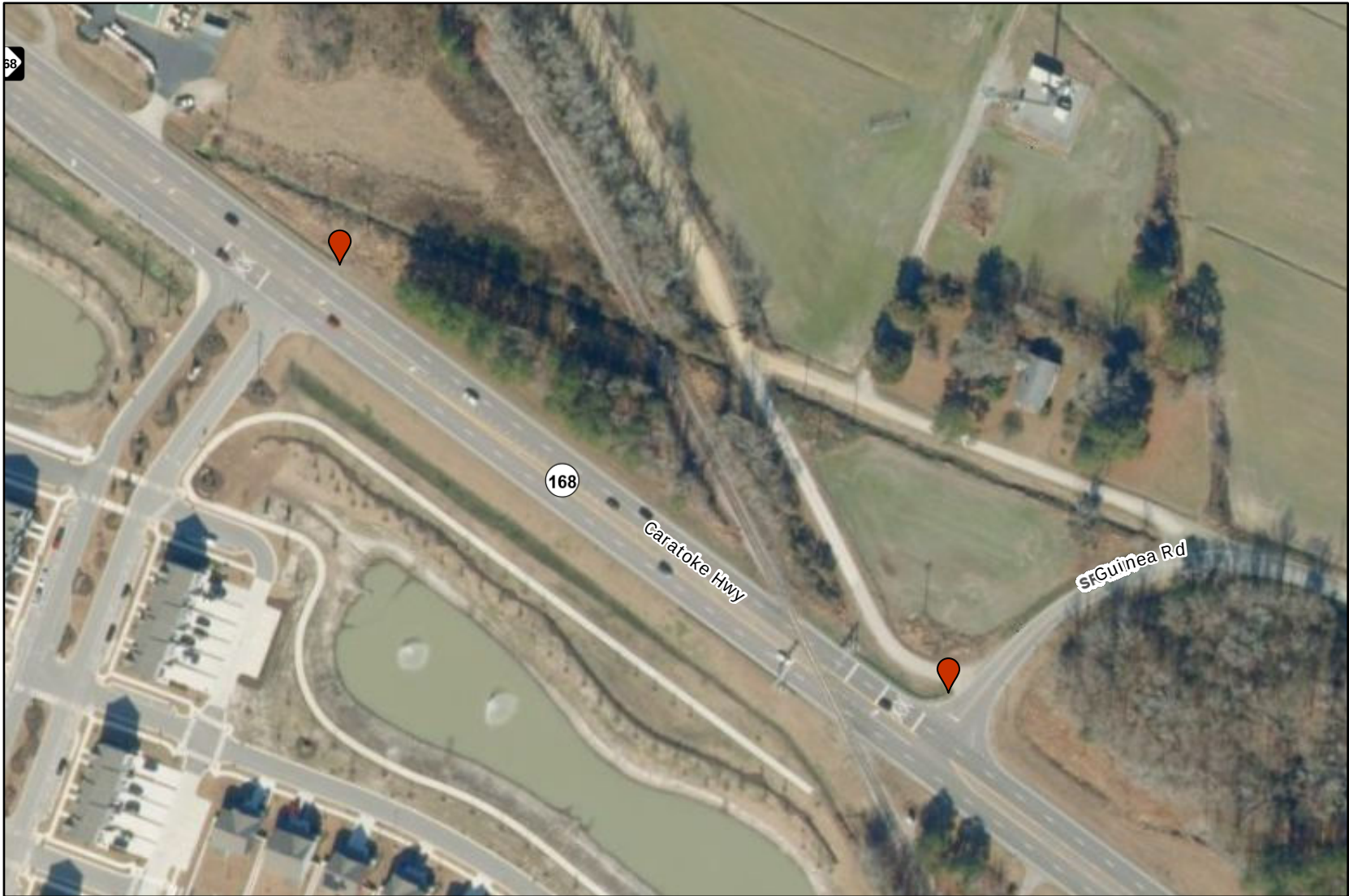
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	12
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	0.01	NBL	RT	36.498885	-76.142418	1	0
NC-168	13.82	NBL	RT	36.500134	-76.144627	1	0



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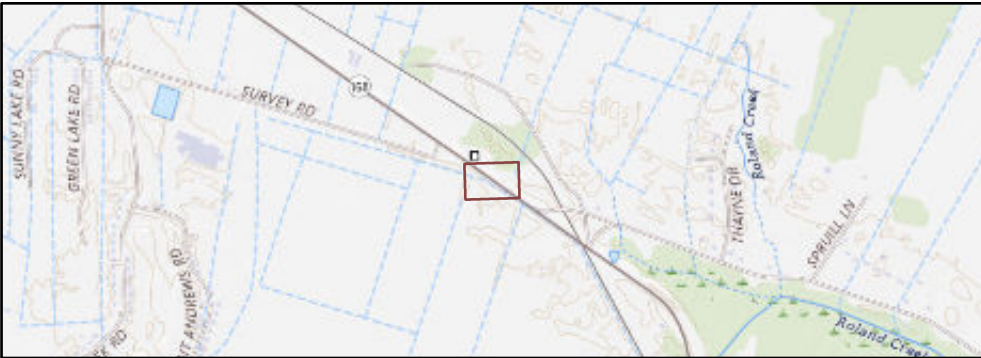
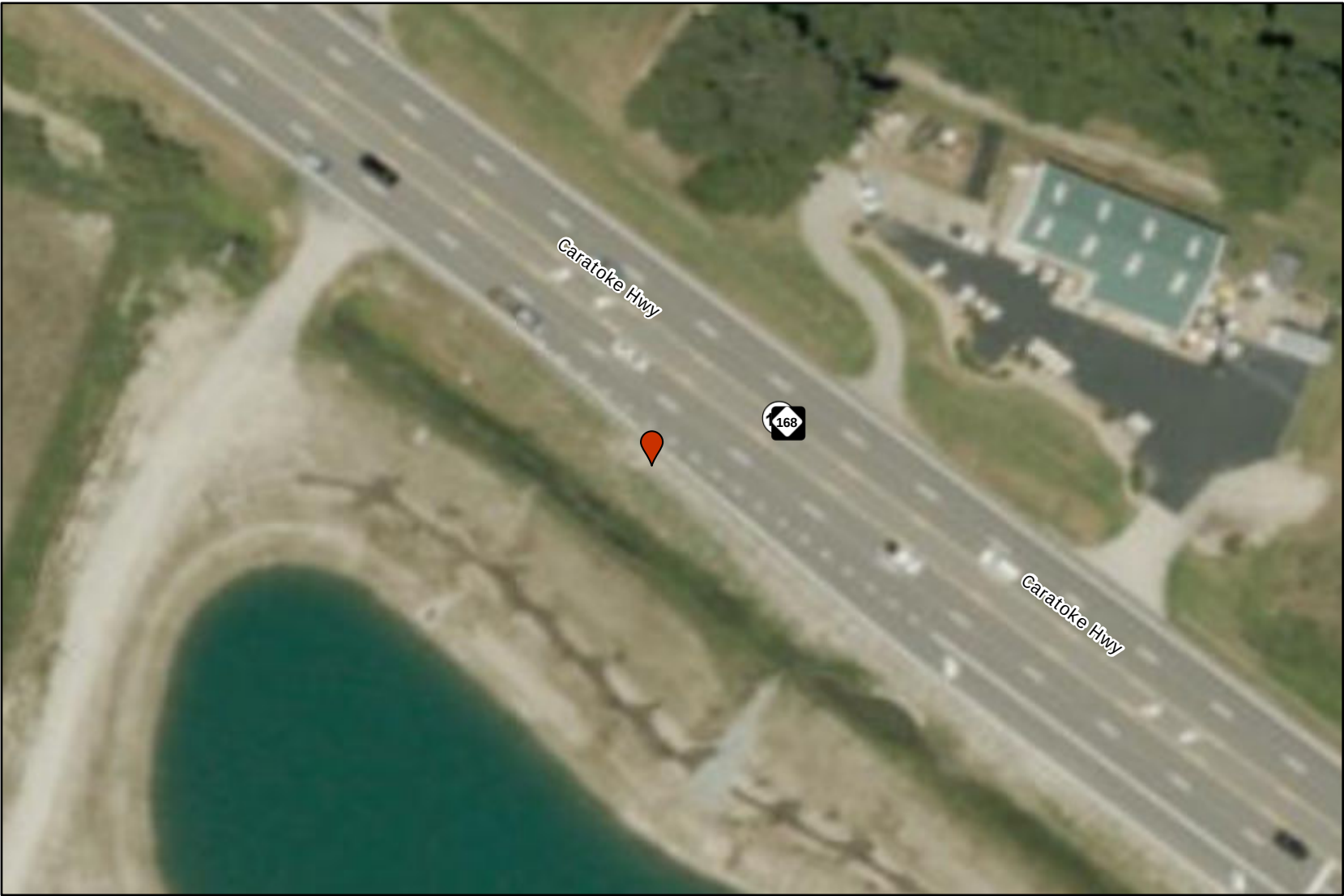
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	13
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	13.9	SBL	LT	36.500666	-76.146039	1	0



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WBS NO: 50973.3.3

CONTRACT: DA00626

STATE OF NORTH CAROLINA

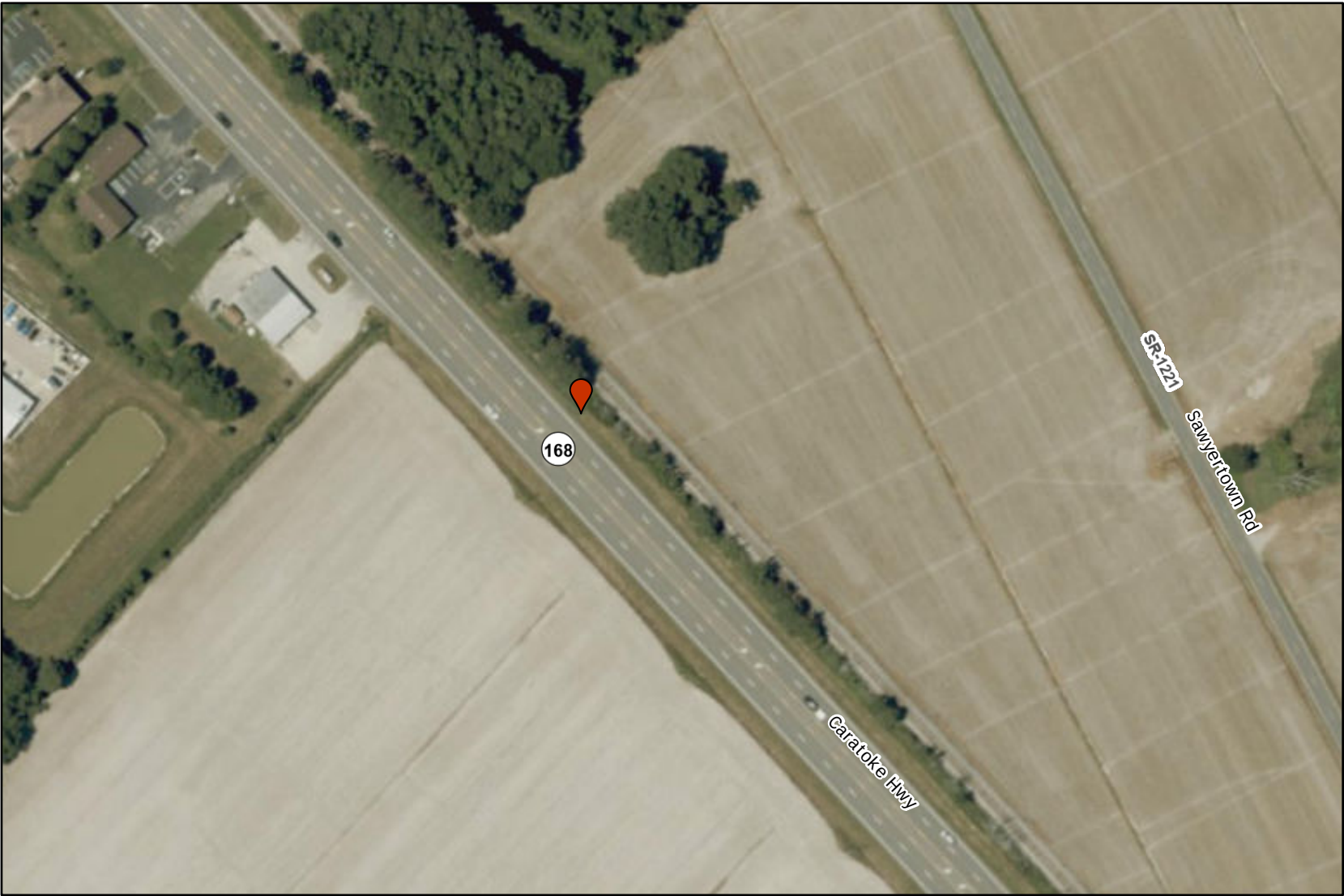
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	14
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	15.31	NBL	RT	36.513695	-76.165361	1	0



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CONTRACT: DA00626

STATE OF NORTH CAROLINA

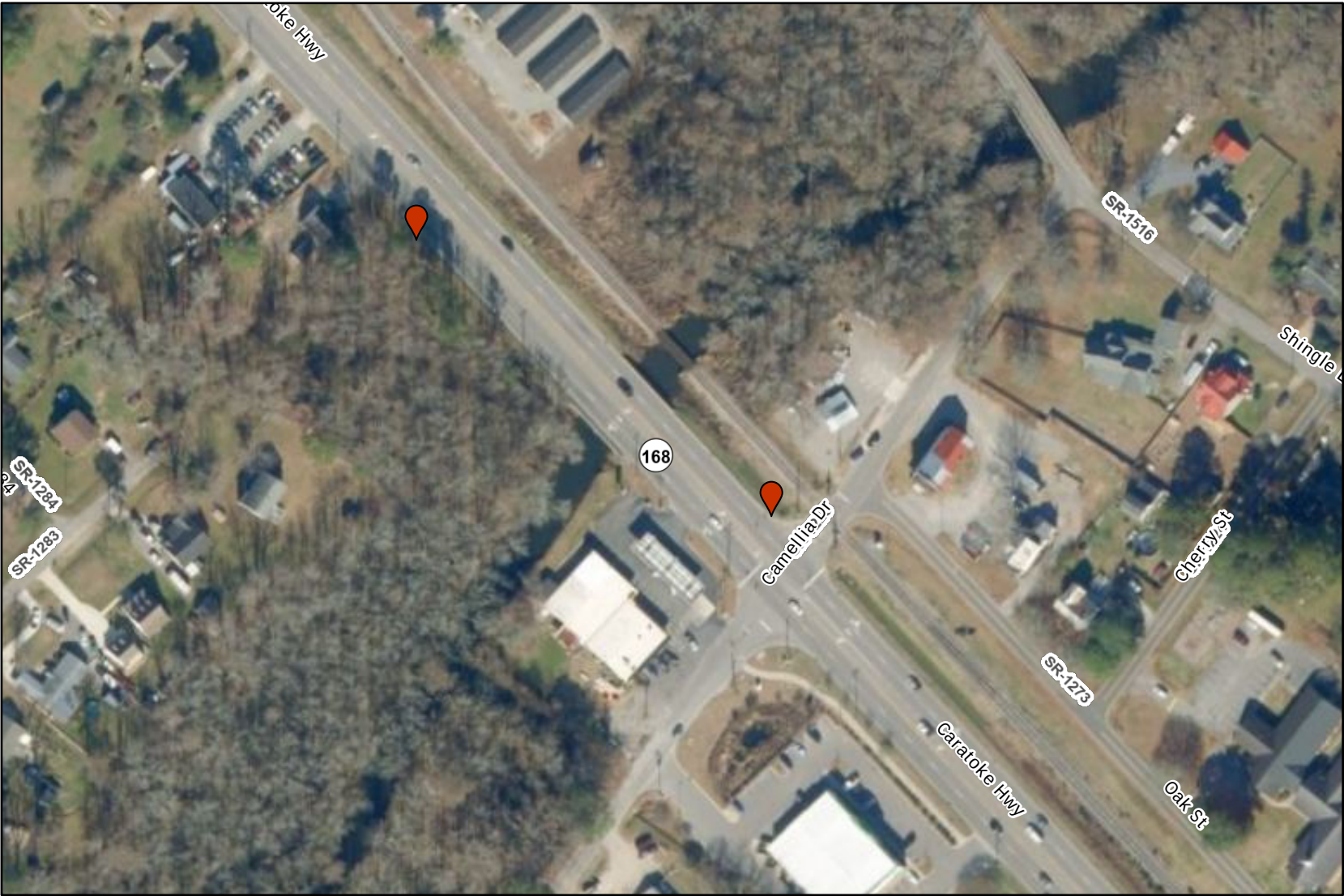
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	15
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	16.38	NBL	RT	36.524974	-76.178372	1	0
NC-168	16.47	SBL	LT	36.525782	-76.179663	1	0



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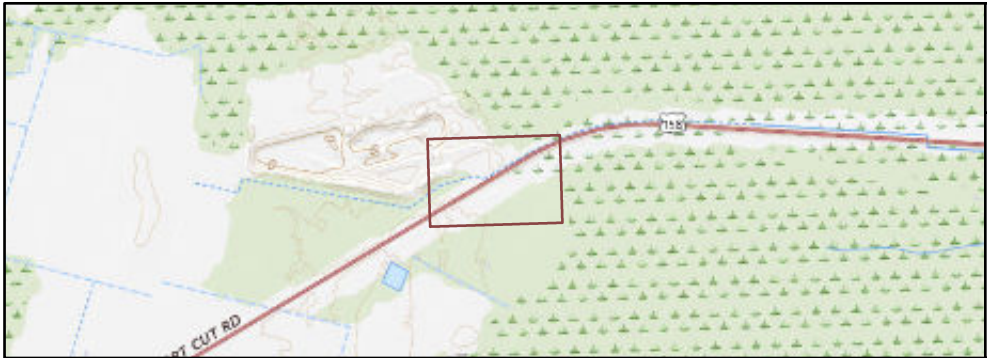
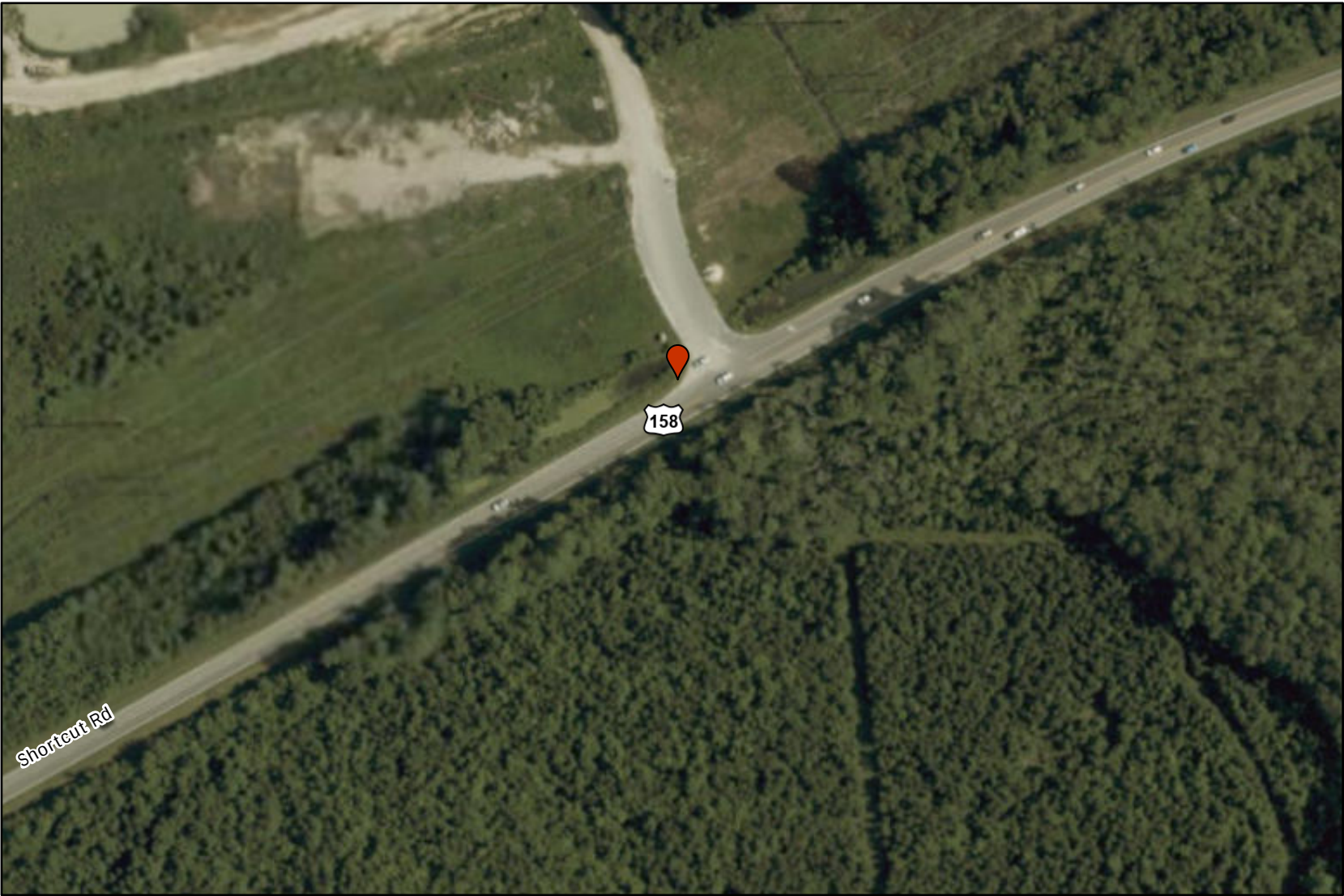
DIVISION OF HIGHWAYS

CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	16
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	3.76	WBL	LT	36.390056	-76.058894	1	0



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STATE OF NORTH CAROLINA

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CURRITUCK

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	17
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
NC-168	10.46	NBL	RT	36.466274	-76.104991	1	0



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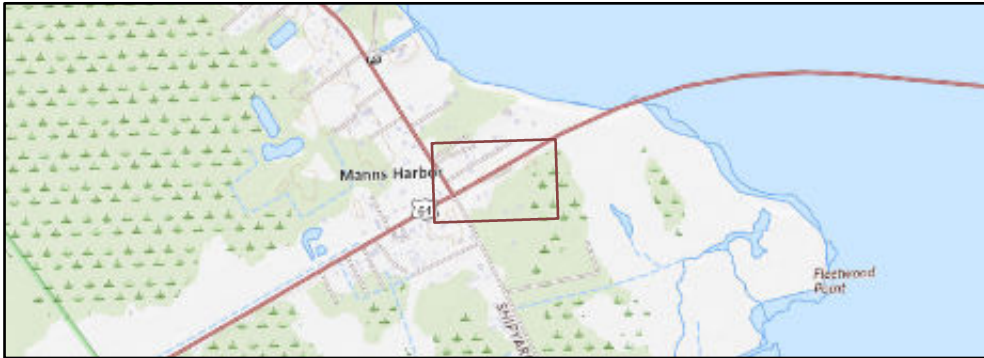
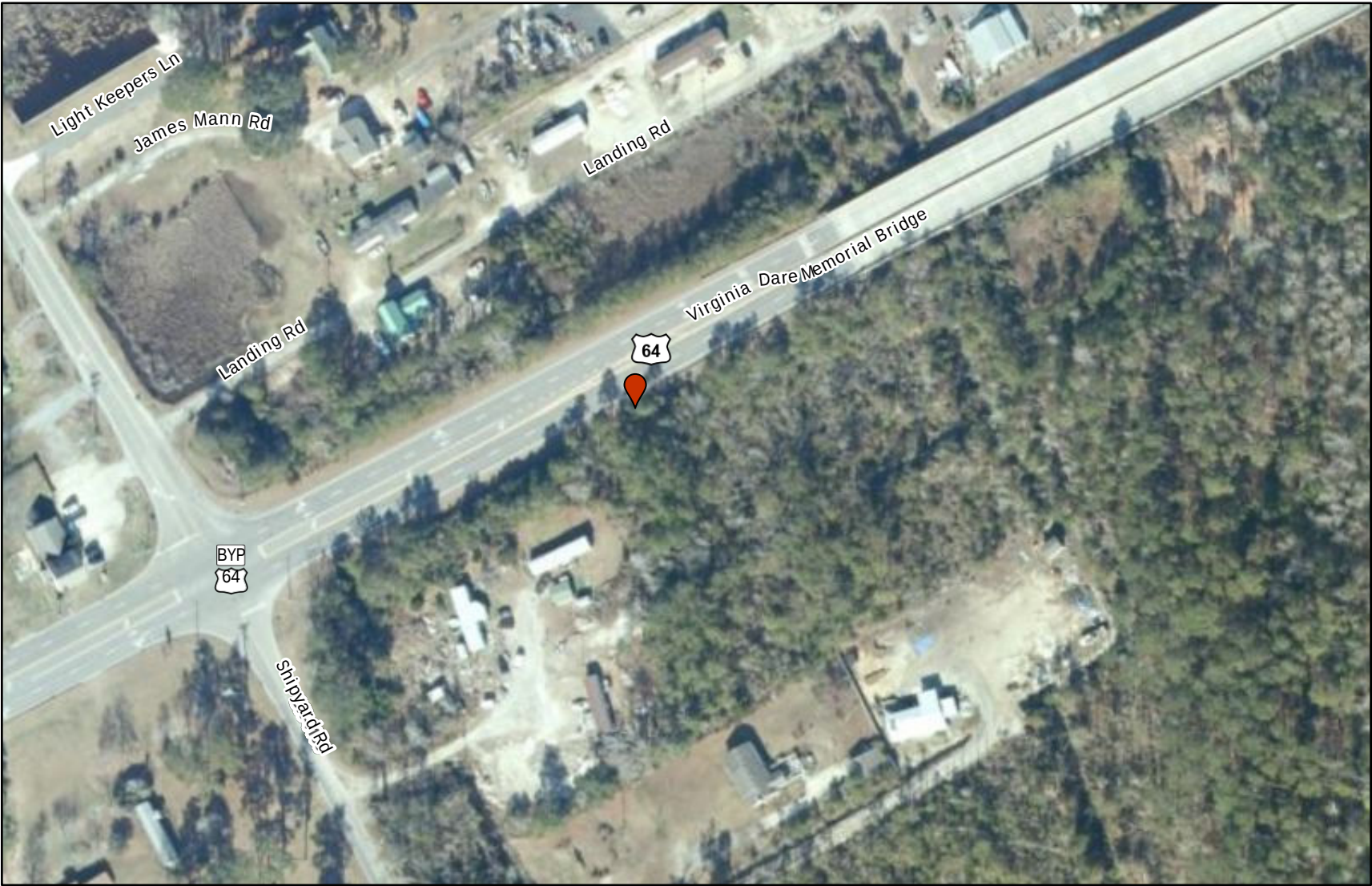
STATE OF NORTH CAROLINA
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DARE

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	18
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-64	0.08	EBL	RT	35.885792	-75.760934	1	0



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DARE

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	19
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-64	0.48	WBL	RT	35.88654	-75.668722	1	0



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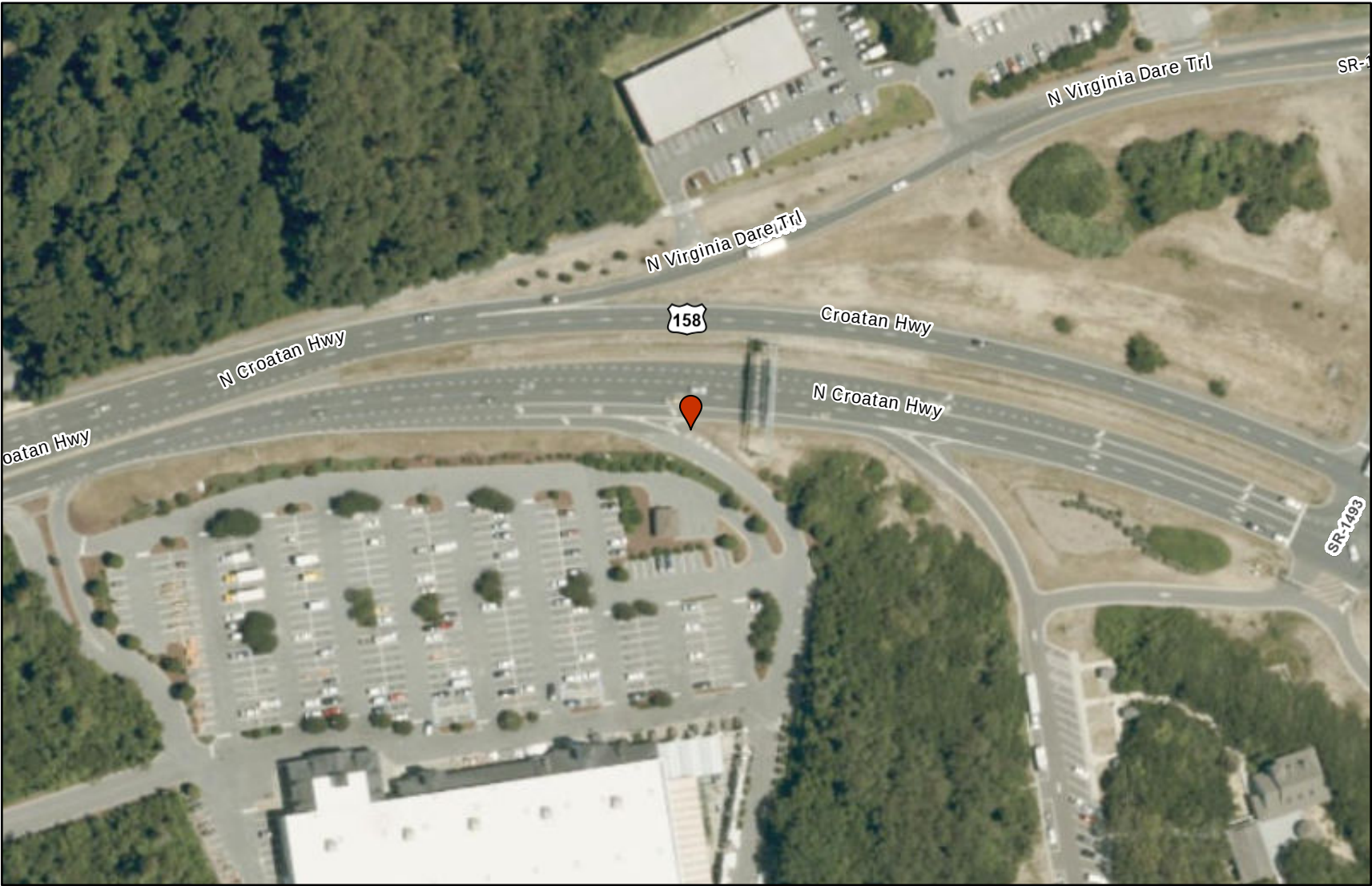
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DARE

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	20
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	0.05	EBL	RT	36.099382	-75.716983	1	0



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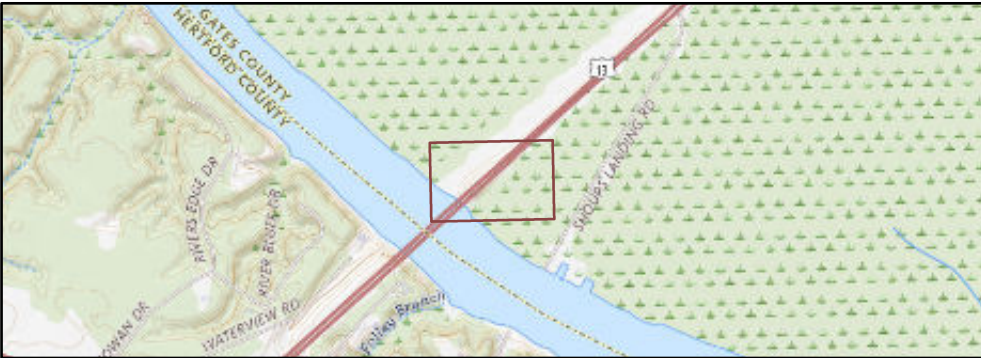
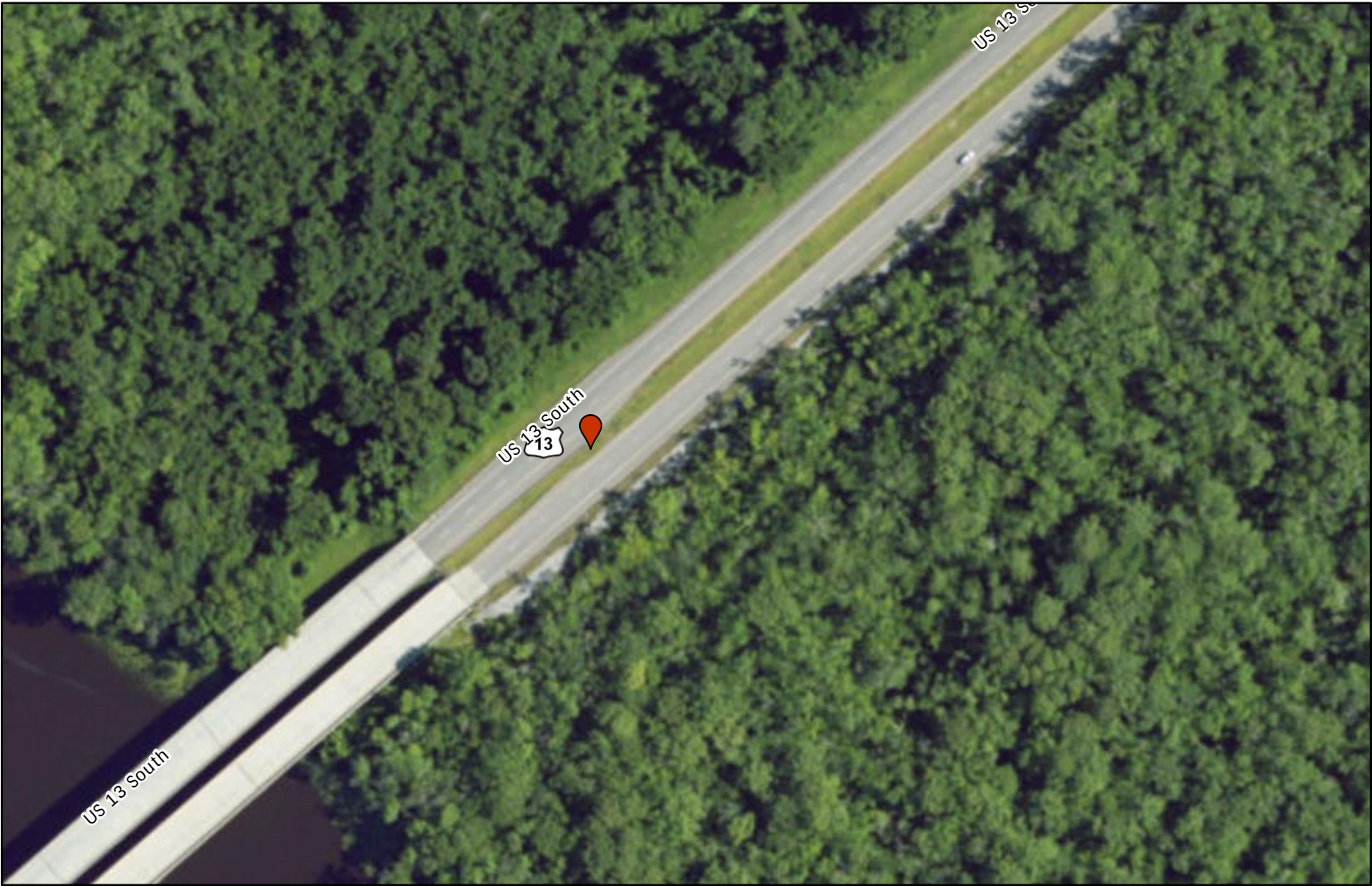
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DIVISION OF HIGHWAYS

GATES

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	21
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	0.16	SBL	LT	36.403949	-76.932177	1	0



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GATES

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	22
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	2.33	NBL	LT	36.425173	-76.903313	1	0
US-13	12.16	SBL	LT	36.426238	-76.902095	1	0
US-13	12.27	SBL	RT	36.425151	-76.903375	1	0



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D. H. STALLINGS
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WBS NO: 50973.3.3

CONTRACT: DA00626

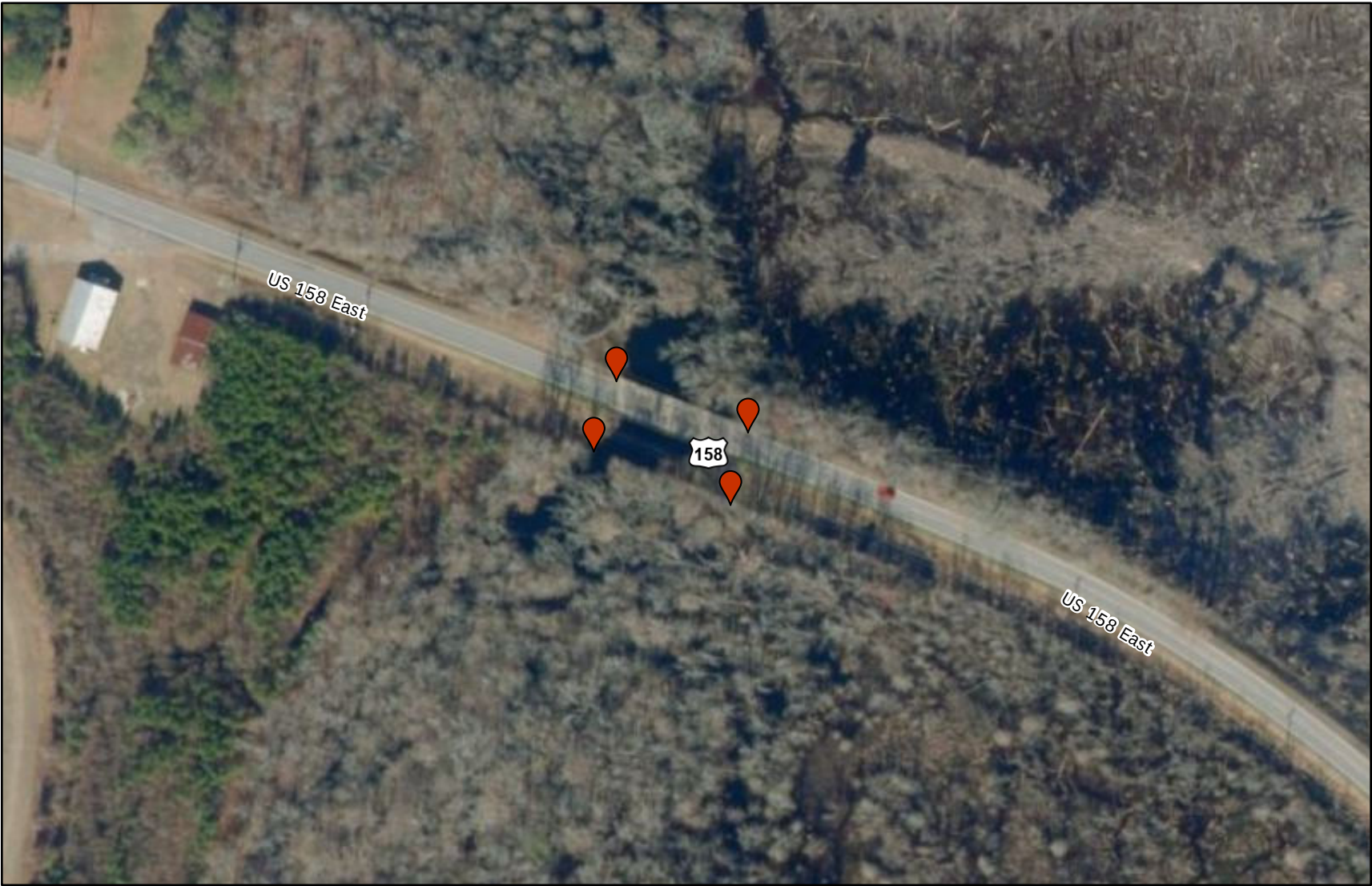
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	23
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	19.86	EBL	RT	36.444496	-76.624593	1	1
US-158	19.86	EBL	LT	36.444683	-76.624518	1	1
US-158	19.89	EBL	RT	36.444354	-76.62414	1	1
US-158	19.89	EBL	LT	36.444547	-76.624082	1	1



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CONTRACT: DA00626

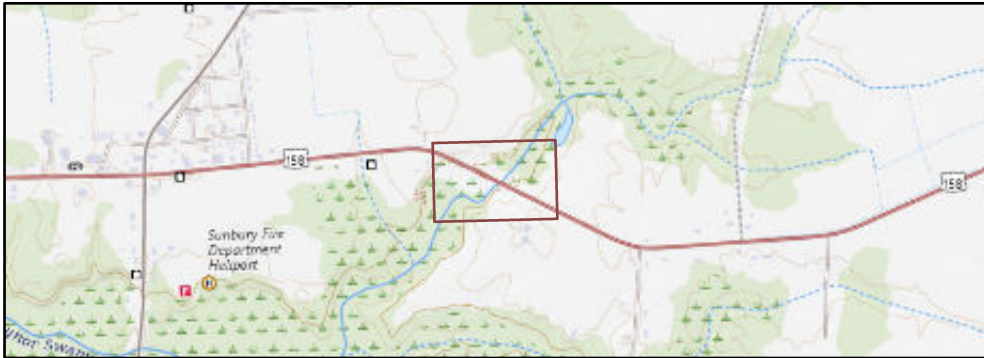
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	24
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	21.45	EBL	LT	36.440897	-76.597604	1	1
US-158	21.45	EBL	RT	36.44086	-76.597705	1	1
US-158	21.46	EBL	LT	36.440833	-76.59745	1	1
US-158	21.46	EBL	RT	36.440786	-76.597542	1	1



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WBS NO: 50973.3.3

CONTRACT: DA00626

STATE OF NORTH CAROLINA

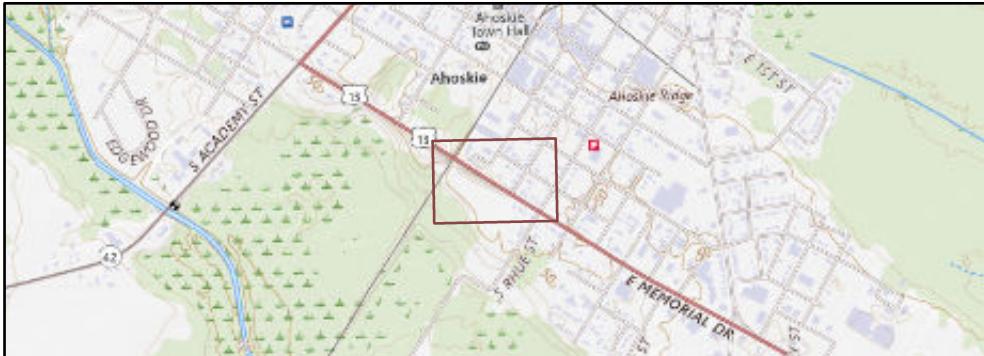
DIVISION OF HIGHWAYS

HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	25
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	3.74	NBL	LT	36.280341	-76.987025	1	0
US-13	3.74	NBL	RT	36.280428	-76.986928	1	0



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STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	26
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	3.99	NBL	LT	36.282286	-76.990692	1	0
US-13	3.99	NBL	LT	36.282251	-76.990625	1	0
US-13	3.99	NBL	RT	36.28232	-76.990563	1	0
US-13	3.99	NBL	RT	36.282356	-76.990626	1	0
US-13	4.1	NBL	LT	36.283113	-76.992294	1	0
US-13	4.1	NBL	RT	36.283215	-76.992231	1	0



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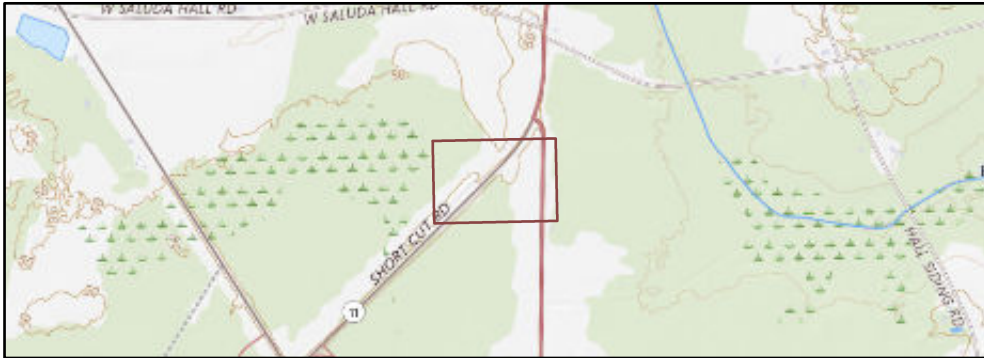
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HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	27
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	0.54	NBL	RT	36.335262	-76.984711	1	0
US-13	0.61	NBL	RT	36.33602	-76.983733	1	0



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CONTRACT: DA00626

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HERTFORD

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	28
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	0.11	SBL	LT	36.401456	-76.935888	1	0
US-13	13.48	NBL	LT	36.401296	-76.935973	1	0



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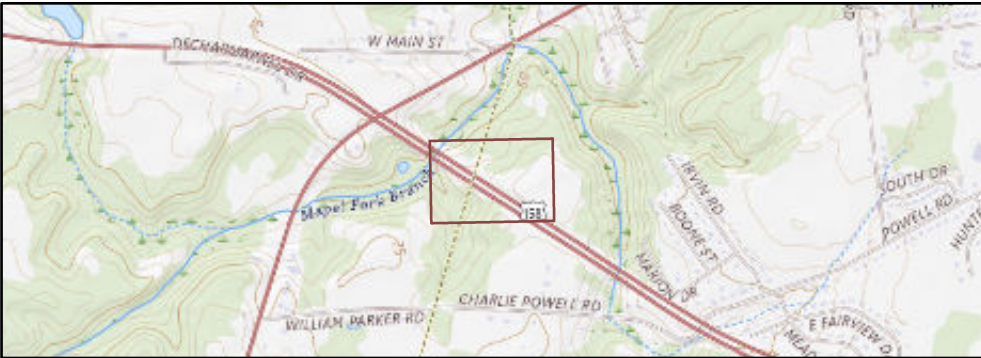
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HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	29
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	12.27	WBL	RT	36.433767	-77.13253	1	0



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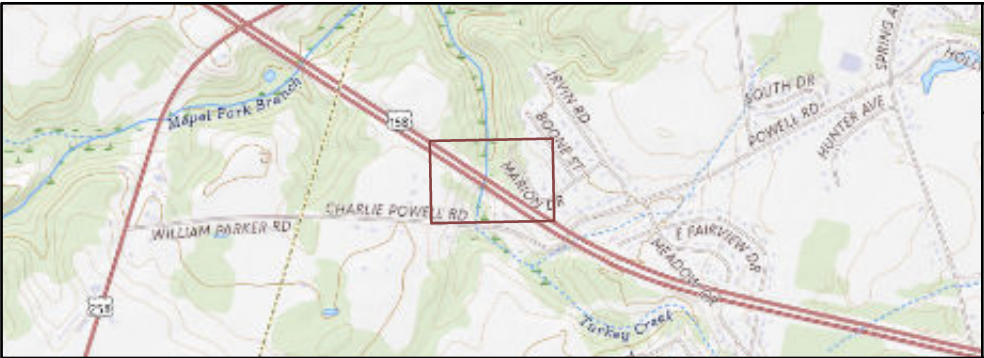
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HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	30
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	0.31	EBL	RT	36.431123	-77.128555	1	0
US-158	11.87	WBL	RT	36.430499	-77.126553	1	0



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HERTFORD

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	31
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	1.89	EBL	RT	36.423443	-77.101969	1	0
US-158	10.27	WBL	RT	36.423128	-77.099605	1	0



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STATE OF NORTH CAROLINA

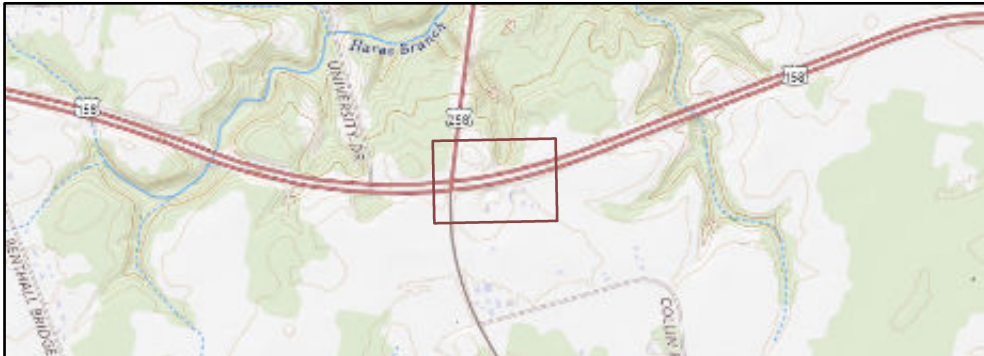
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HERTFORD

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	32
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	2.49	EBL	RT	36.42209	-77.091413	1	0
US-158	9.68	WBL	RT	36.422789	-77.089264	1	0



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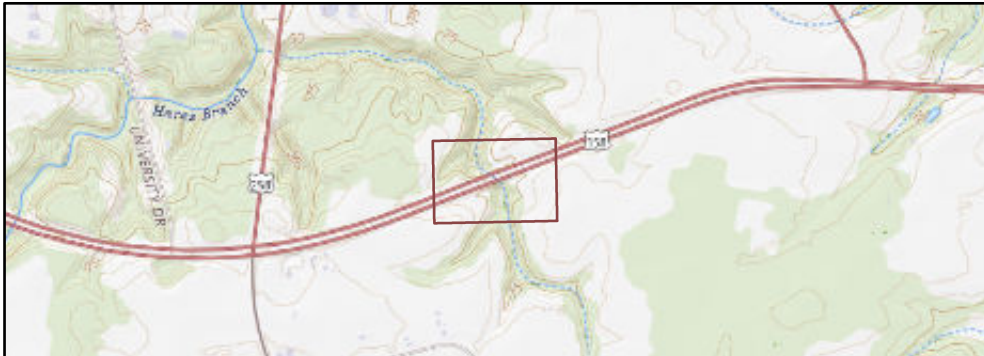
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HERTFORD

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	33
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-158	2.93	EBL	RT	36.423808	-77.083971	1	0
US-158	9.26	WBL	RT	36.424753	-77.082139	1	0



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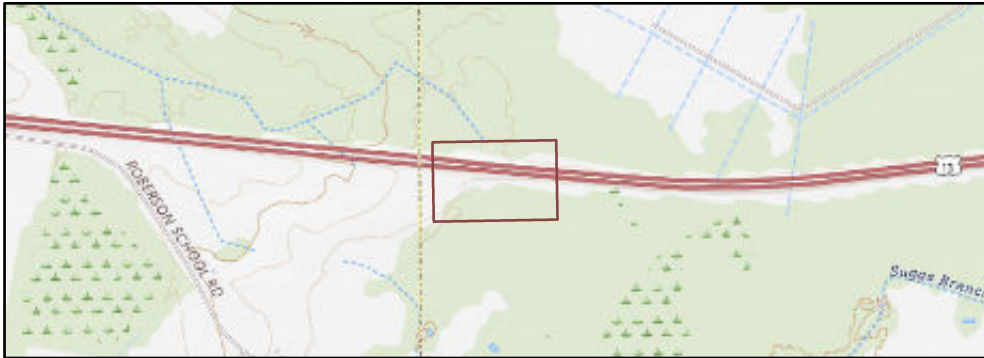
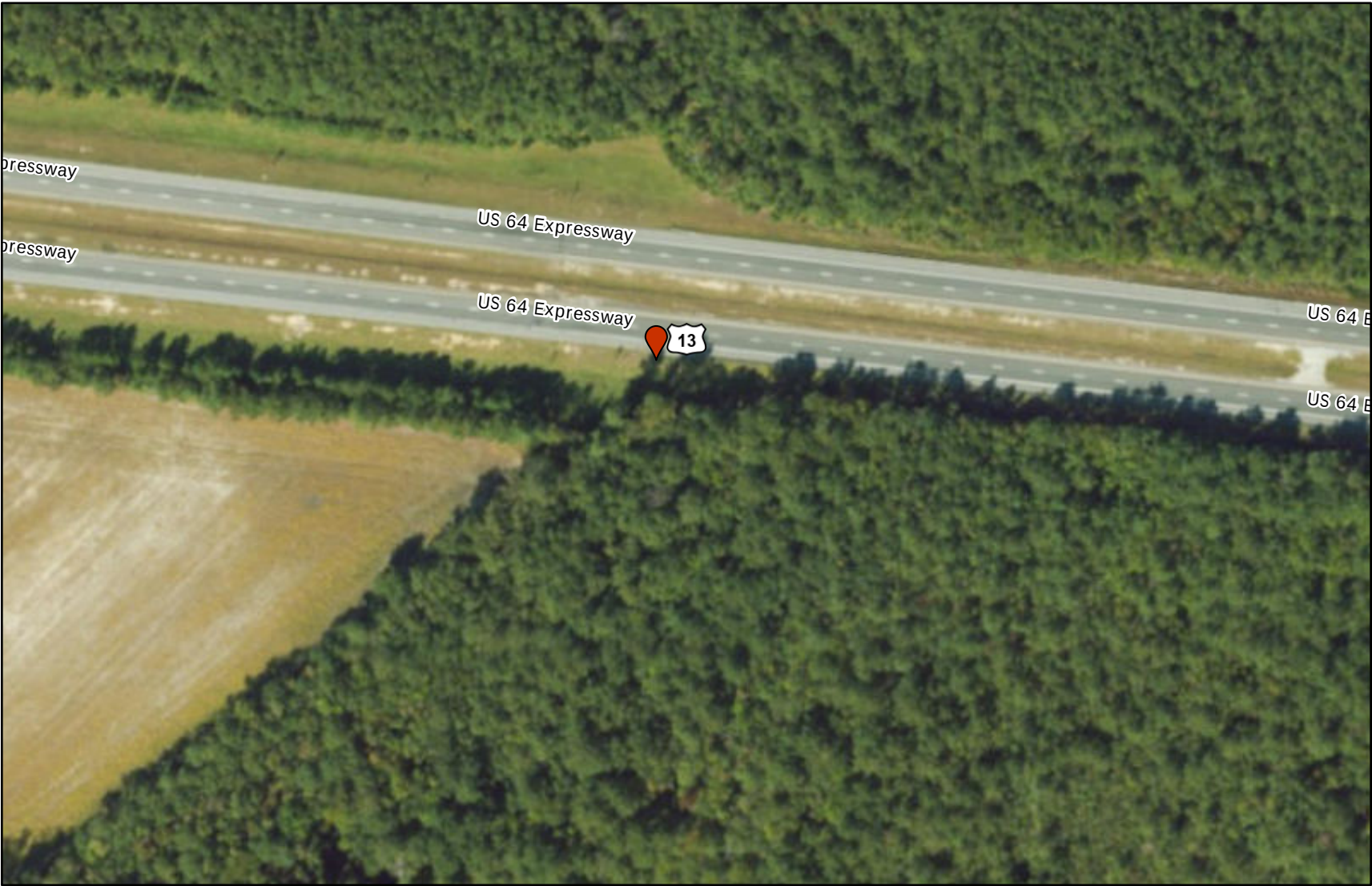
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	34
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	0.15	NBL	RT	35.831946	-77.34753	1	0



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CONTRACT: DA00626

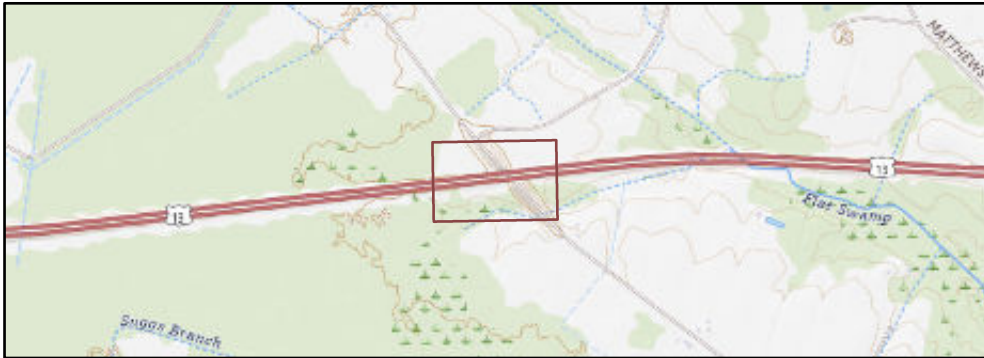
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	35
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	1.72	NBL	RT	35.832713	-77.319679	1	0
US-13	18.18	SBL	RT	35.833228	-77.317835	1	0
US-13	18.21	SBL	LT	35.833011	-77.318486	1	0
US-13	18.35	SBL	RT	35.832978	-77.320865	1	0



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WBS NO: 50973.3.3

CONTRACT: DA00626

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	36
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	17.66	SBL	RT	35.83346	-77.308703	1	0



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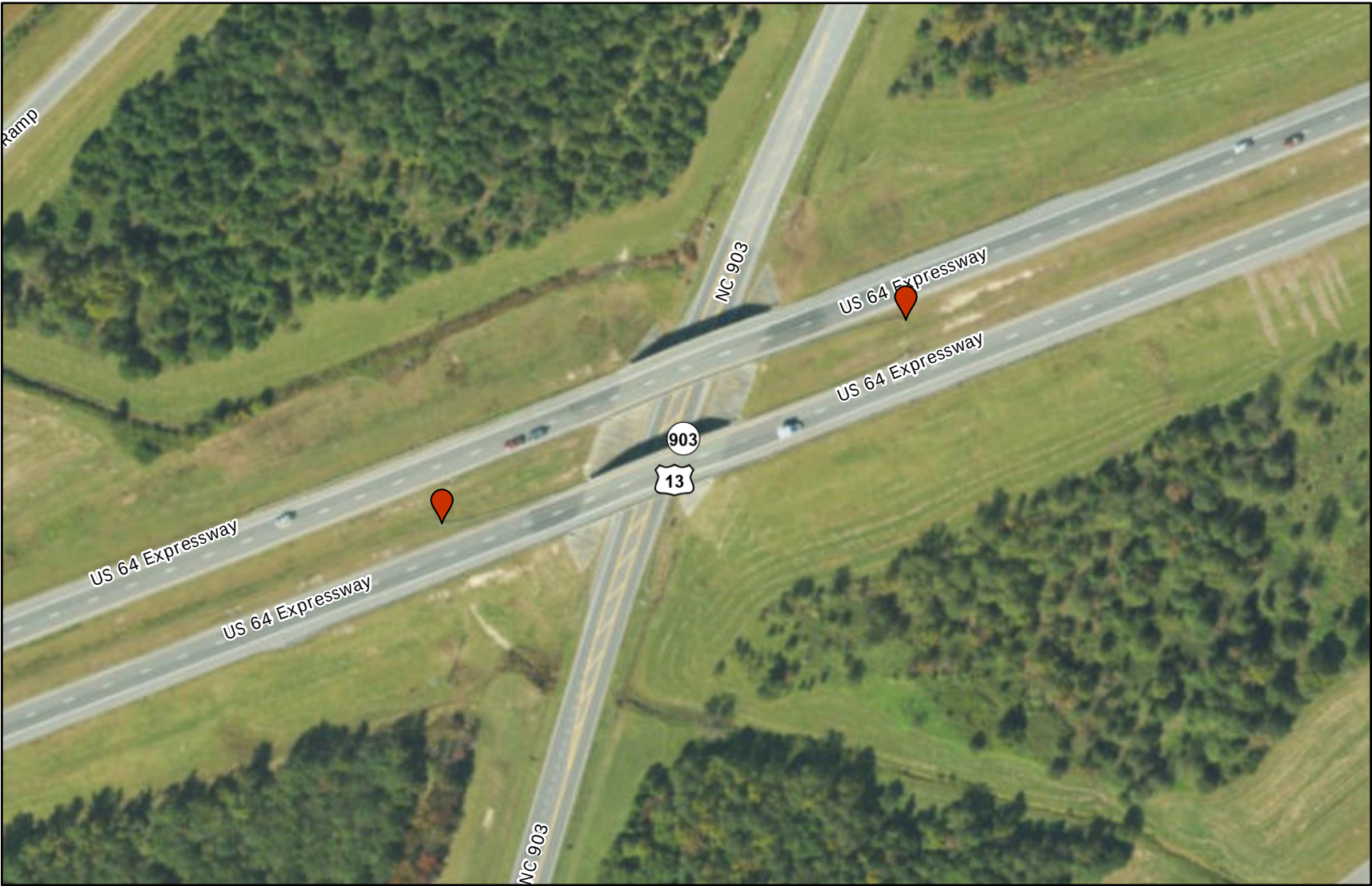
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	37
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	5.48	NBL	LT	35.836091	-77.253312	1	0
US-13	14.44	SBL	LT	35.836637	-77.251776	1	0



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CONTRACT: DA00626

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	38
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	8.73	NBL	LT	35.840503	-77.197658	1	0
US-13	11.15	SBL	LT	35.839464	-77.196082	1	0



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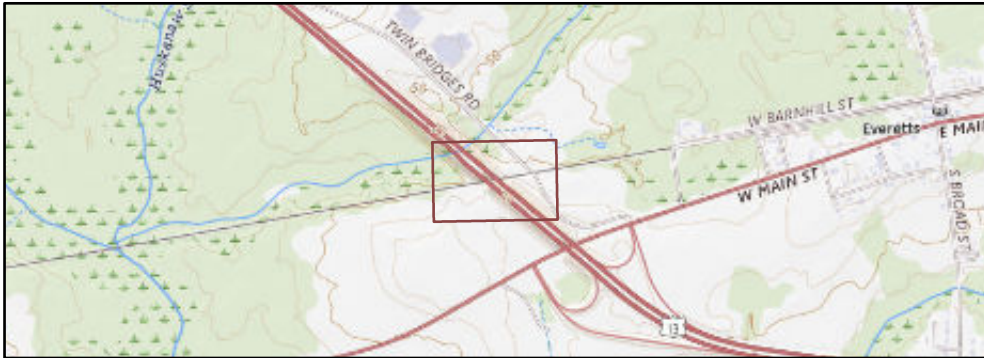
STATE OF NORTH CAROLINA
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MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	39
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	9.47	NBL	LT	35.833457	-77.187778	1	0
US-13	10.43	SBL	LT	35.83256	-77.186414	1	0



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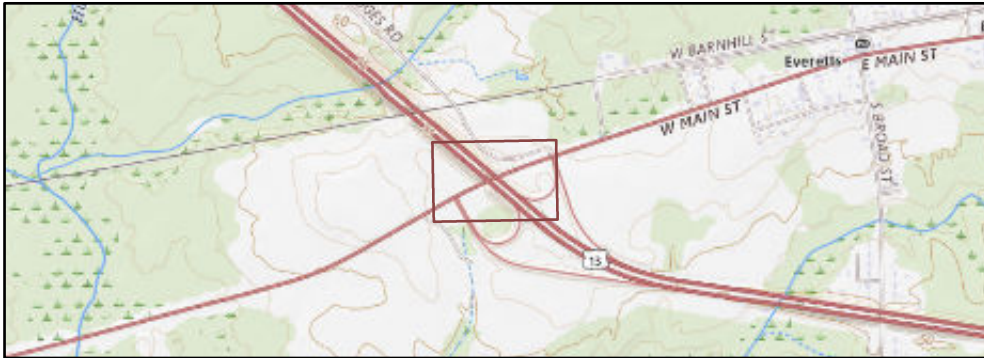
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MARTIN

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	40
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

Route	MP	Dir.	Loc.	Latitude	Longitude	TL-3	Type III MOD
US-13	10.22	SBL	LT	35.830587	-77.183661	1	0
US-13	10.31	NBL	LT	35.831412	-77.184915	1	0



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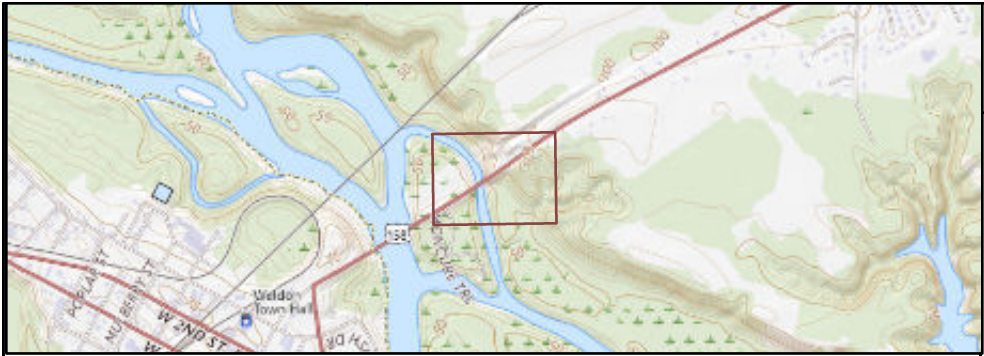
CONTRACT: DA00626

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
NORTHAMPTON

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	DA00626	41
STATE PROJECT NUMBER		DESCRIPTION
50973.3.3		P.E., CONST.

TYPE OF WORK: REPLACE NON-COMPLIANT GUARDRAIL END UNITS

Route	Mile Post	Direction	Location	Latitude	Longitude	TL-3	Type III MOD
US-158	0.36	EBL	LT	36.432932	-77.585797	1	0
US-158	0.17	EBL	RT	36.43134	-77.588488	1	0
US-158	0.17	EBL	RT	36.43134	-77.588488	1	0



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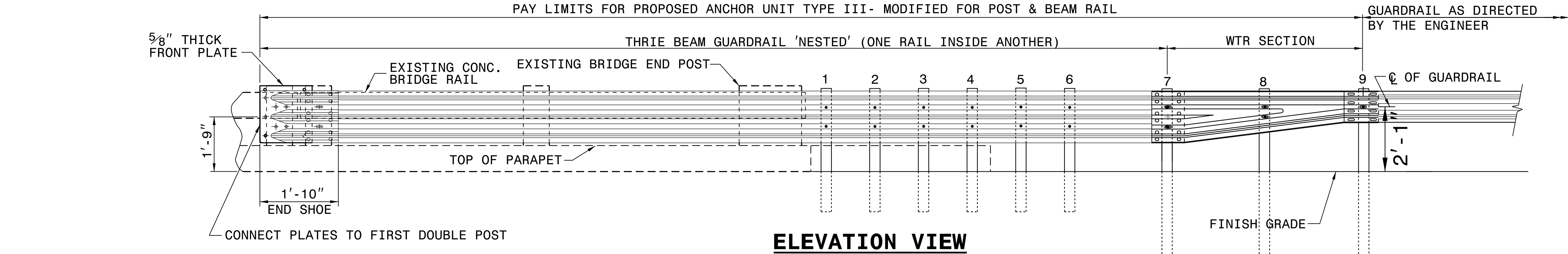
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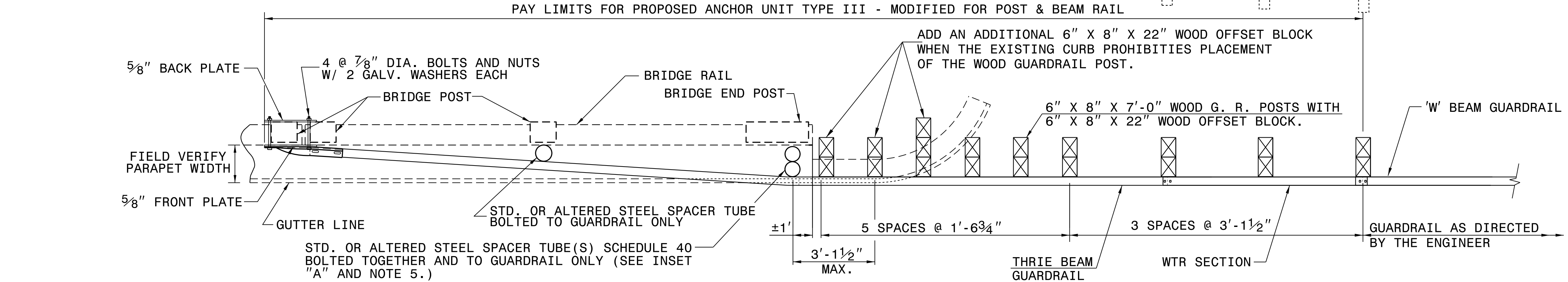
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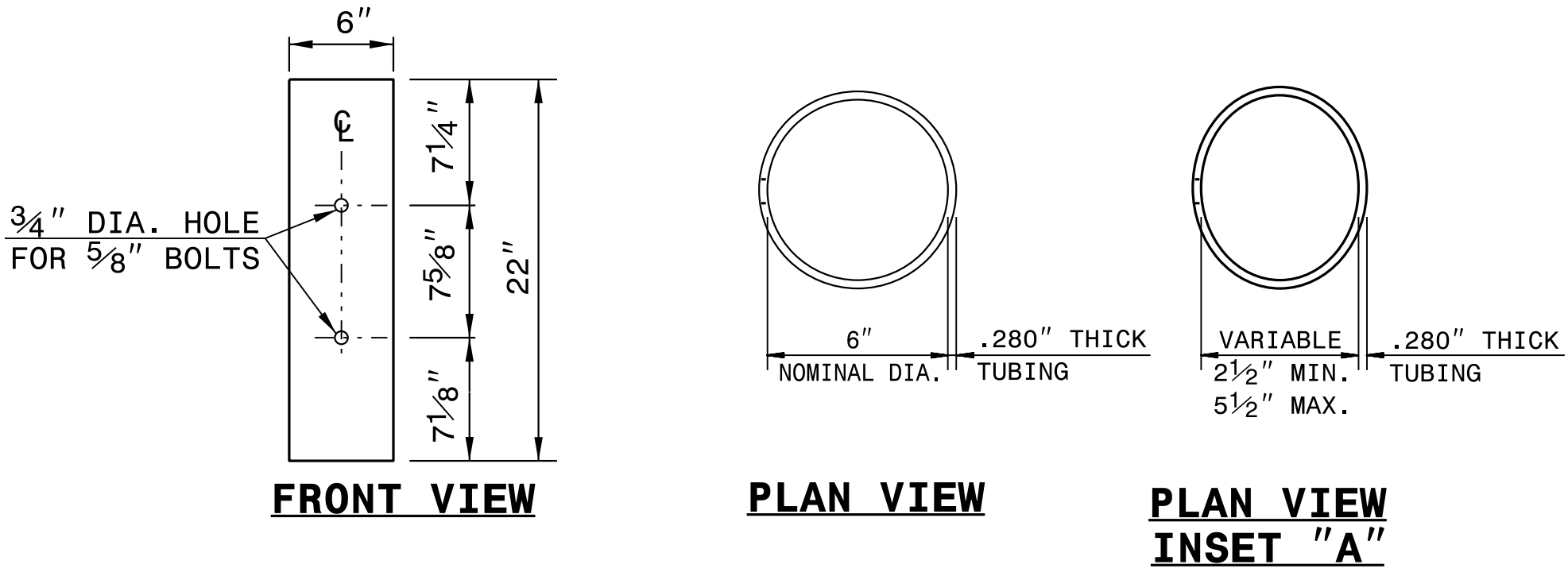
PROJECT REFERENCE NO.	SHEET NO.
R-2566BA	2C-6



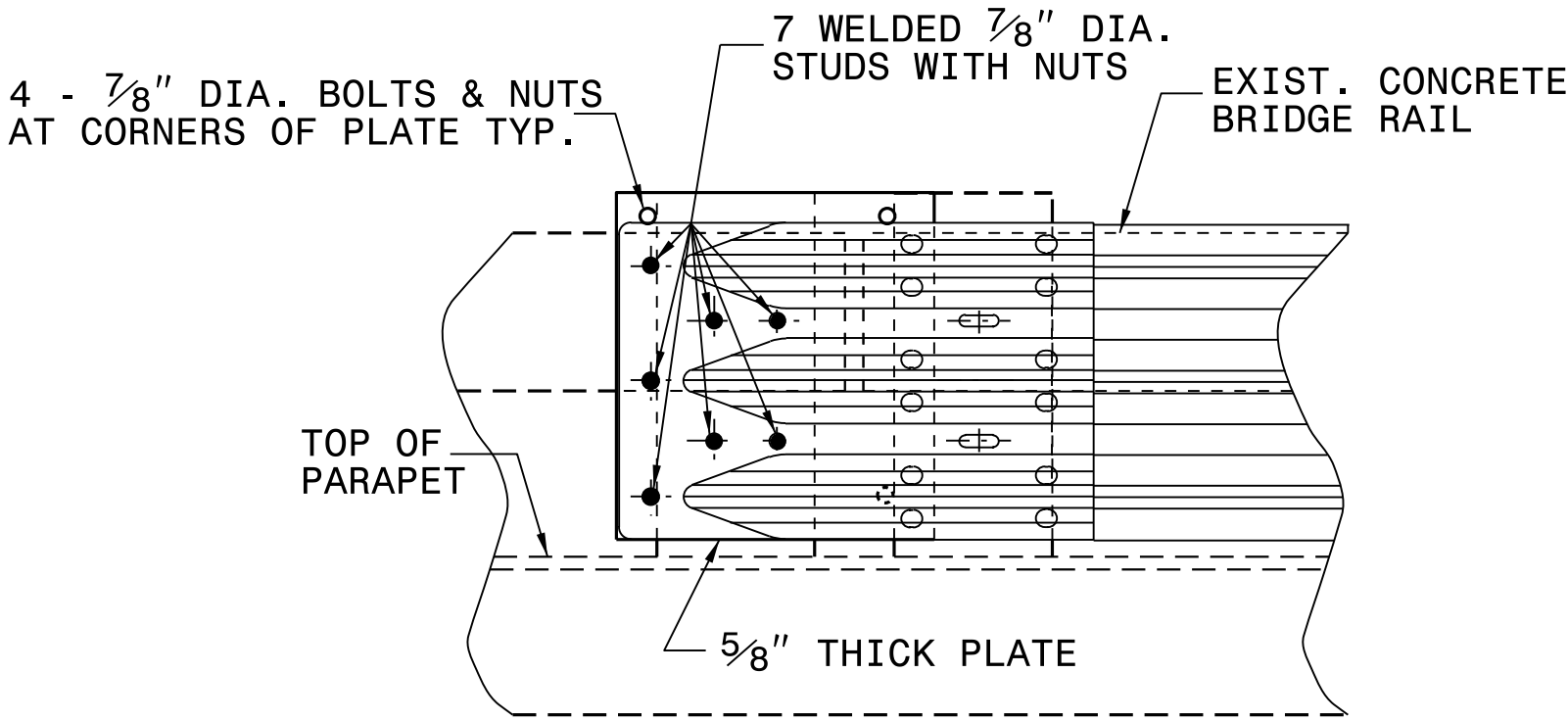
ELEVATION VIEW



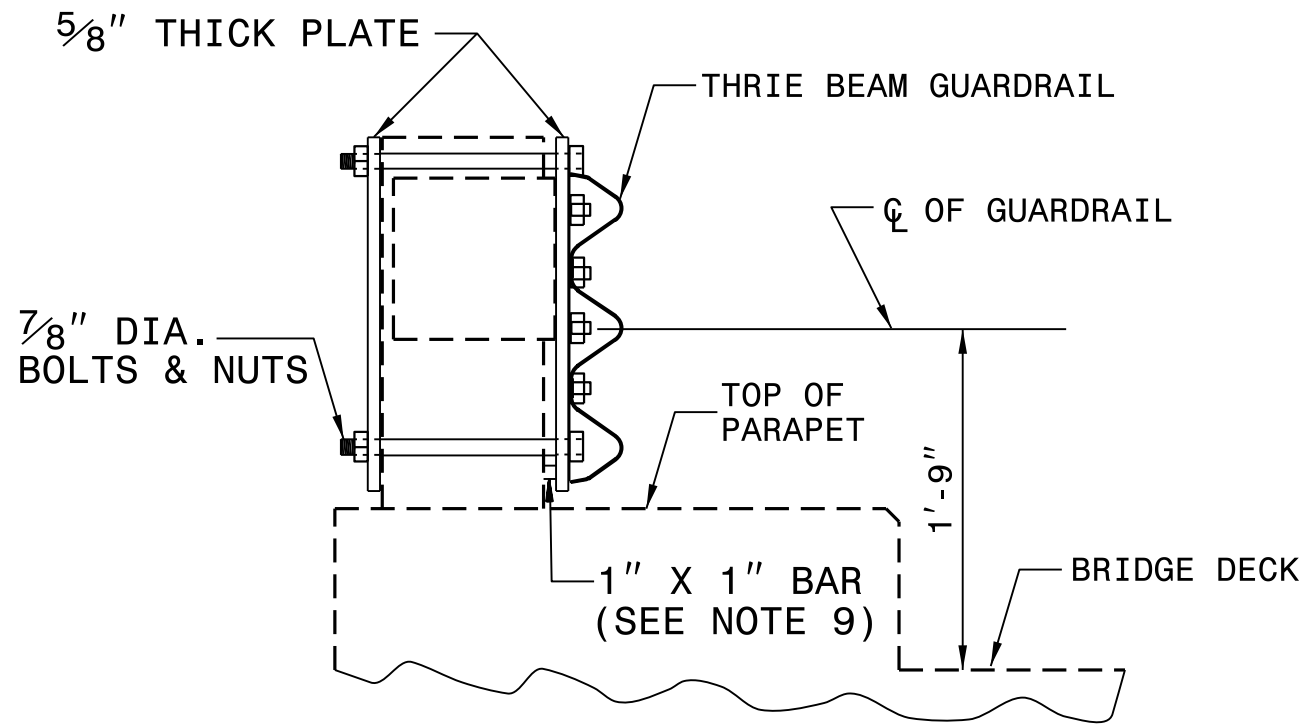
PLAN VIEW



STEEL SPACER TUBE

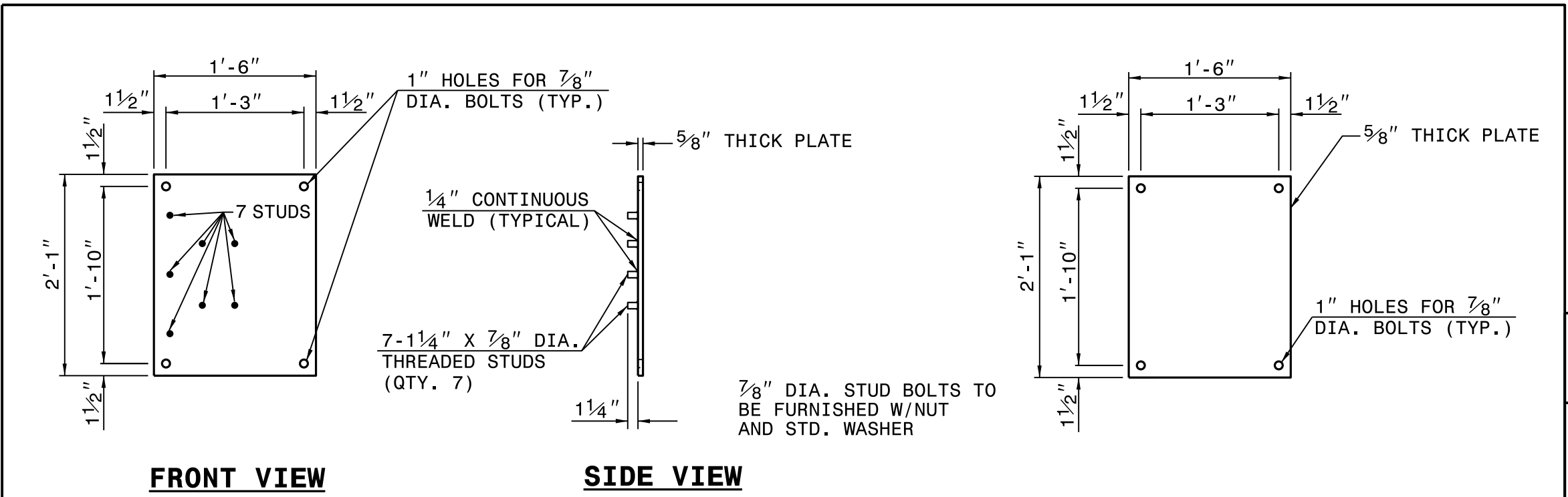


ELEVATION VIEW



SECTION VIEW

- GENERAL NOTES:
1. USE NUTS, BOLTS, AND WASHERS CONFORMING TO THE REQUIREMENTS OF A.S.T.M. A-307 AND GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF STAND. SPECS.
 2. TAP NUTS FOR THE 7/8" DIA. STUDS AND BOLTS AFTER GALVANIZING SEE A.S.T.M. A-563.
 3. USE PLATES AND TUBES CONFORMING TO THE REQUIREMENTS OF A.S.T.M. A-36 AND GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SECTION 1076 OF STAND. SPECS.
 4. ADDITIONAL FIELD HOLES MAY BE DRILLED IN STEEL RAIL AS DIRECTED BY THE ENGINEER.
 5. INSTALL FACE OF GUARDRAIL AS NEAR AS POSSIBLE TO PLUMB WITH THE PARAPET FACE AT BRIDGE END POST SPACER TUBE LOCATION BY USING STANDARD OR ALTERED SPACER TUBES OR A COMBINATION THEREOF OR AS DIRECTED BY THE ENGINEER. FOR VERY SMALL PARAPET WIDTHS, GUARDRAIL MAY BE INSTALLED AGAINST BRIDGE RAIL WITHOUT SPACER TUBES.
 6. DO NOT DRILL BRIDGE RAIL IN ORDER TO INSTALL GUARDRAIL ANCHOR UNIT.
 7. USE THIS DETAIL ONLY FOR BRIGES WITH POST AND BEAM TYPE RAIL.
 8. ATTACH 1" X 1" BAR AND THREADED STUDS TO PLATE WITH 1/4" WELDS ALL AROUND.
 9. 1" X 1" BAR MAY NOT BE NEEDED ON BRIDGE RAILS WHERE FACE OF RAIL DOES NOT PROJECT BEYOND FACE OF POST.
 10. PROVIDE SHOP DRAWINGS OF THE PLATES TO THE ENGINEER FOR APPROVAL BEFORE FABRICATING THE PLATES.
 11. LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
 12. SEE ROADWAY STANDARD DRAWING 862.03 SHEET 3 FOR ADDITIONAL INFORMATION ON THE TYPE III ANCHOR UNIT



FRONT VIEW

SIDE VIEW

FRONT PLATE

BACK PLATE

BRIDGE PLATES



DocuSigned by:
Joel S. Howerton
873F3D17DC0C45F

8/3/2021

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

**TYPE III MODIFIED
FOR POST AND BEAM RAIL**

ORIGINAL BY: E.E. WARD DATE: 01-03
MODIFIED BY: JS Howerton DATE: 01-18
CHECKED BY: DATE:
FILE SPEC.: s:details\stand\bpii original.dgn

								PROJECT NO.	SHEET NO.	TOTAL NO.			
								50973.3.3	42				
SUMMARY OF QUANTITIES													
								0000100000-N	4457000000-N	3287000000-N	3180000000-N	3360000000-E	3030000000-E
Route	Mile Post	Direction	Location (LT/RT)	Leading/Trailing End	Latitude	Longitude	County	MOBILIZATION	TEMPORARY TRAFFIC CONTROL	GUARDRAIL END UNITS, TYPE TL-3	GUARDRAIL ANCHOR UNITS, TYPE ***** TYPE III ANCHOR - MODIFIED	REMOVE EXISTING GUARDRAIL	STEEL BEAM GUARDRAIL
								LS	LS	EA	EA	LF	LF
US-17	2.44	NBL	LT	Leading	36.01330182	-76.94813059	Bertie	1	1	1		50	25
US-17	5.82	SBL	LT	Leading	36.01559067	-76.9412838	Bertie	*	*	1		50	25
Total for Bertie County								*	*	2		100	50
US-158	3.76	WBL	LT	Leading	36.39005604	-76.05889364	Currituck	*	*	1		50	25
US-158	17	EBL	LT	Leading	36.27647606	-75.91246632	Currituck	*	*	1		50	25
US-158	27.43	WBL	LT	Leading	36.14357923	-75.84422274	Currituck	*	*	1		50	25
US-158	32.96	WBL	LT	Trailing	36.080358	-75.790893	Currituck	*	*	1		50	25
US-158	32.98	EBL	RT	Leading	36.08017564	-75.79062403	Currituck	*	*	1		50	25
US-158	32.98	EBL	LT	Leading	36.08031439	-75.79063729	Currituck	*	*	1		50	25
NC-168	0.01	NBL	RT	Leading	36.49888548	-76.14241825	Currituck	*	*	1		50	25
NC-168	0.03	NBL	RT	Leading	36.4785511	-76.12771392	Currituck	*	*	1		50	25
NC-168	1.07	NBL	RT	Leading	36.39977564	-75.98539545	Currituck	*	*	1		50	25
NC-168	1.75	SBL	RT	Leading	36.4065552	-75.99407287	Currituck	*	*	1		50	25
NC-168	8.39	NBL	RT	Leading	36.45259284	-76.07404553	Currituck	*	*	1		50	25
NC-168	10.46	NBL	RT	Leading	36.46627357	-76.1049911	Currituck	*	*	1		50	25
NC-168	11.38	NBL	RT	Leading	36.47375209	-76.11860835	Currituck	*	*	1		50	25
NC-168	12.37	SBL	LT	Leading	36.4823588	-76.13235091	Currituck	*	*	1		50	25
NC-168	13.82	NBL	RT	Leading	36.50013429	-76.14462734	Currituck	*	*	1		50	25
NC-168	13.9	SBL	LT	Leading	36.5006664	-76.14603903	Currituck	*	*	1		50	25
NC-168	15.31	NBL	RT	Leading	36.51369512	-76.16536123	Currituck	*	*	1		50	25
NC-168	16.38	NBL	RT	Leading	36.52497422	-76.17837183	Currituck	*	*	1		50	25
NC-168	16.47	SBL	LT	Leading	36.52578159	-76.17966279	Currituck	*	*	1		50	25
Total for Currituck County								*	*	19		950	475
US-64	0.08	EBL	RT	Leading	35.8857915	-75.76093397	Dare	*	*	1		50	25
US-64	0.48	WBL	RT	Leading	35.8865396	-75.66872202	Dare	*	*	1		50	25
US-158	0.05	EBL	RT	Leading	36.09938199	-75.71698262	Dare	*	*	1		95	45
Total for Dare County								*	*	3		195	95
US-158	21.46	EBL	RT	Trailing	36.44078559	-76.59754182	Gates	*	*	1	1	0	68.75
US-158	19.86	EBL	RT	Leading	36.4444962	-76.62459289	Gates	*	*	1	1	0	231.25

								PROJECT NO.		SHEET NO.		TOTAL NO.	
								50973.3.3		43			
SUMMARY OF QUANTITIES													
								0000100000-N	4457000000-N	3287000000-N	3180000000-N	3360000000-E	3030000000-E
Route	Mile Post	Direction	Location (LT/RT)	Leading/Trailing End	Latitude	Longitude	County	MOBILIZATION	TEMPORARY TRAFFIC CONTROL	GUARDRAIL END UNITS, TYPE TL-3	GUARDRAIL ANCHOR UNITS, TYPE ***** TYPE III ANCHOR - MODIFIED	REMOVE EXISTING GUARDRAIL	STEEL BEAM GUARDRAIL
US-158	19.86	EBL	LT	Trailing	36.44468337	-76.62451792	Gates	*	*	1	1	0	68.75
US-158	19.89	EBL	RT	Trailing	36.44435409	-76.62414035	Gates	*	*	1	1	0	68.75
US-158	19.89	EBL	LT	Leading	36.44454699	-76.62408241	Gates	*	*	1	1	0	231.25
US-158	21.45	EBL	LT	Trailing	36.44089706	-76.59760447	Gates	*	*	1	1	0	68.75
US-158	21.45	EBL	RT	Leading	36.44085978	-76.5977052	Gates	*	*	1	1	0	231.25
US-158	21.46	EBL	LT	Leading	36.44083297	-76.59744984	Gates	*	*	1	1	0	231.25
US-13	0.16	SBL	LT	Leading	36.40394926	-76.93217743	Gates	*	*	1		50	25
US-13	2.33	NBL	LT	Leading	36.4251734	-76.90331299	Gates	*	*	1		50	25
US-13	12.16	SBL	LT	Leading	36.42623846	-76.90209481	Gates	*	*	1		50	25
US-13	12.27	SBL	RT	Trailing	36.42515112	-76.9033749	Gates	*	*	1		50	25
Total for Gates County								*	*	12	8	200	1300
US-158	0.31	EBL	RT	Leading	36.43112319	-77.12855455	Hertford	*	*	1		50	25
US-158	1.89	EBL	RT	Leading	36.42344275	-77.10196949	Hertford	*	*	1		50	25
US-158	2.49	EBL	RT	Leading	36.42209025	-77.09141284	Hertford	*	*	1		50	25
US-158	2.93	EBL	RT	Leading	36.42380785	-77.08397121	Hertford	*	*	1		50	25
US-158	9.26	WBL	RT	Leading	36.42475294	-77.08213895	Hertford	*	*	1		50	25
US-158	9.68	WBL	RT	Leading	36.42278884	-77.08926396	Hertford	*	*	1		50	25
US-158	10.27	WBL	RT	Leading	36.4231282	-77.09960484	Hertford	*	*	1		50	25
US-158	11.87	WBL	RT	Leading	36.4304989	-77.12655272	Hertford	*	*	1		50	25
US-158	12.27	WBL	RT	Leading	36.43376694	-77.13252954	Hertford	*	*	1		50	25
US-13	0.11	SBL	LT	Trailing	36.401456	-76.935888	Hertford	*	*	1		50	25
US-13	0.54	NBL	RT	Leading	36.33526227	-76.98471126	Hertford	*	*	1		50	25
US-13	0.61	NBL	RT	Trailing	36.33602009	-76.98373322	Hertford	*	*	1		50	25
US-13	3.74	NBL	LT	Trailing	36.28034101	-76.98702538	Hertford	*	*	1		50	25
US-13	3.74	NBL	RT	Leading	36.28042752	-76.98692776	Hertford	*	*	1		50	25
US-13	3.99	NBL	LT	Trailing	36.28228644	-76.99069164	Hertford	*	*	1		50	25
US-13	3.99	NBL	LT	Leading	36.28225086	-76.99062541	Hertford	*	*	1		50	25
US-13	3.99	NBL	RT	Trailing	36.28232044	-76.99056273	Hertford	*	*	1		50	25
US-13	3.99	NBL	RT	Leading	36.28235564	-76.99062594	Hertford	*	*	1		50	25
US-13	4.1	NBL	LT	Leading	36.28311344	-76.9922939	Hertford	*	*	1		50	25

								PROJECT NO.	SHEET NO.	TOTAL NO.			
								50973.3.3	44				
SUMMARY OF QUANTITIES													
								0000100000-N	4457000000-N	3287000000-N	3180000000-N	3360000000-E	3030000000-E
Route	Mile Post	Direction	Location (LT/RT)	Leading/Trailing End	Latitude	Longitude	County	MOBILIZATION	TEMPORARY TRAFFIC CONTROL	GUARDRAIL END UNITS, TYPE TL-3	GUARDRAIL ANCHOR UNITS, TYPE ***** TYPE III ANCHOR - MODIFIED	REMOVE EXISTING GUARDRAIL	STEEL BEAM GUARDRAIL
US-13	4.1	NBL	RT	Trailing	36.28321465	-76.99223062	Hertford	*	*	1		50	25
US-13	13.48	NBL	LT	Leading	36.40129603	-76.9359728	Hertford	*	*	1		50	25
Total for Hertford County								*	*	21		1050	525
US-13	0.15	NBL	RT	Leading	35.8319459	-77.34753038	Martin	*	*	1		50	25
US-13	1.72	NBL	RT	Leading	35.83271311	-77.31967864	Martin	*	*	1		50	25
US-13	5.48	NBL	LT	Leading	35.83609144	-77.25331201	Martin	*	*	1		50	25
US-13	8.73	NBL	LT	Leading	35.84050336	-77.19765785	Martin	*	*	1		50	25
US-13	9.47	NBL	LT	Leading	35.83345673	-77.187778	Martin	*	*	1		50	25
US-13	10.22	SBL	LT	Leading	35.83058736	-77.18366113	Martin	*	*	1		50	25
US-13	10.31	NBL	LT	Leading	35.83141193	-77.18491482	Martin	*	*	1		50	25
US-13	10.43	SBL	LT	Leading	35.83256025	-77.18641434	Martin	*	*	1		50	25
US-13	11.15	SBL	LT	Leading	35.83946405	-77.19608249	Martin	*	*	1		50	25
US-13	14.44	SBL	LT	Leading	35.83663712	-77.25177644	Martin	*	*	1		50	25
US-13	17.66	SBL	RT	Leading	35.83345963	-77.30870262	Martin	*	*	1		50	25
US-13	18.18	SBL	RT	Leading	35.83322782	-77.3178351	Martin	*	*	1		50	25
US-13	18.21	SBL	LT	Leading	35.83301106	-77.3184862	Martin	*	*	1		50	25
US-13	18.35	SBL	RT	Leading	35.83297838	-77.32086539	Martin	*	*	1		50	25
Total for Martin County								*	*	14		700	350
US-158	0.17	EBL	RT	Leading	36.43133976	-77.58848845	Northampton	*	*	1		50	25
US-158	0.36	EBL	LT	Leading	36.43293217	-77.58579653	Northampton	*	*	1		50	25
US-158	0.17	EBL	RT	Leading	36.43133976	-77.58848845	Northampton	*	*	1		50	25
Total for Northampton County								*	*	3		150	75
GRAND TOTAL								1	1	74	8	3345	2870