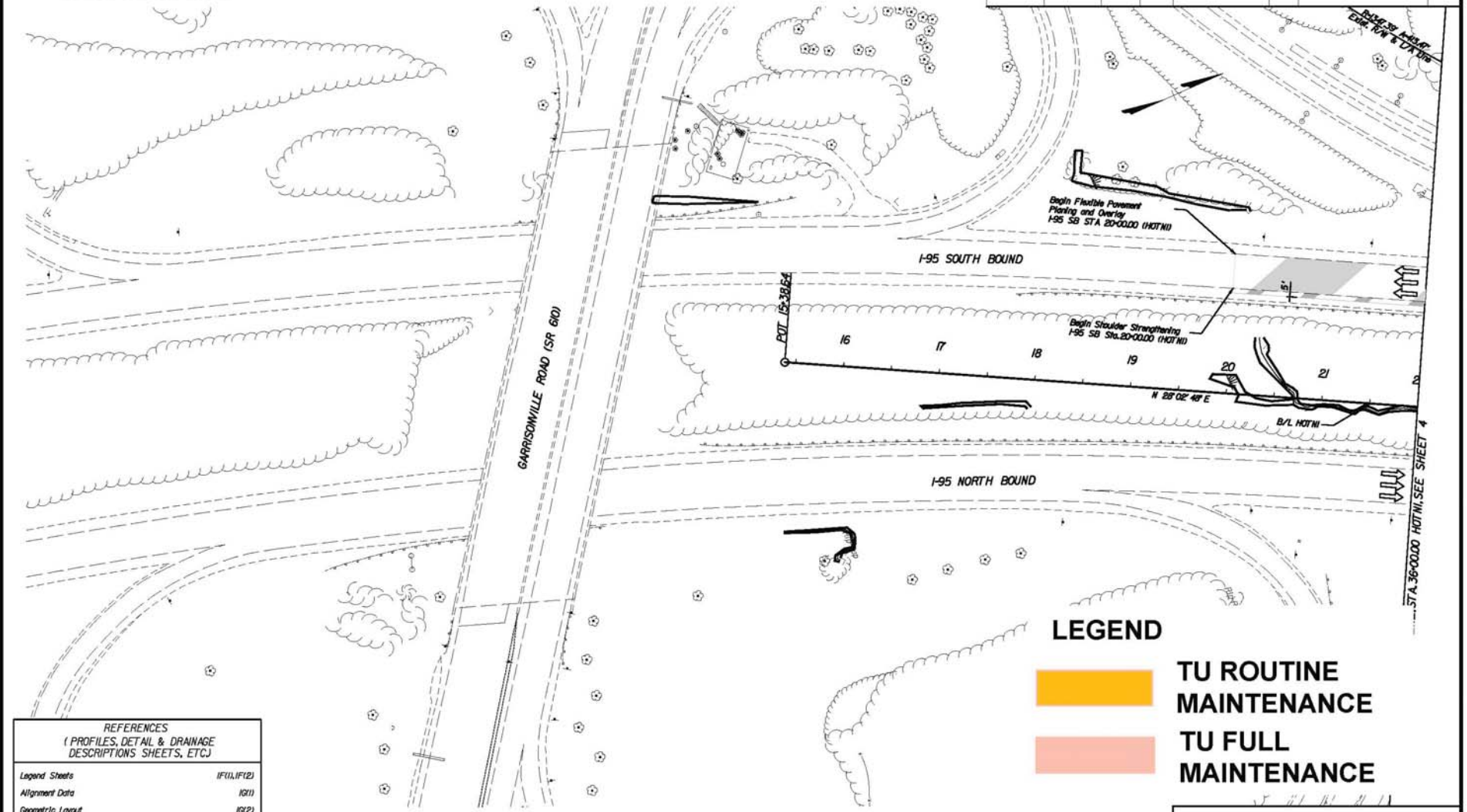


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIENS (003) 631-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLORIAN/SOBAN DESIGN CONSULTANTS, LLC (954) 538-8900

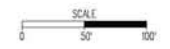
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REVISION	DATE	BY	STATE	PROJECT	ROUTE	STATE	PROJECT	DATE
		3	VA	NH-095-2(481)	95		0095-96A-107-P101	3



**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



Rev.	Date	Description

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	1F(1), 1F(2)
Alignment Data	1G(1)
Geometric Layout	1G(2)
Initial Grading and Drainage	3(1)

**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

Scale	1"=100'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
			3

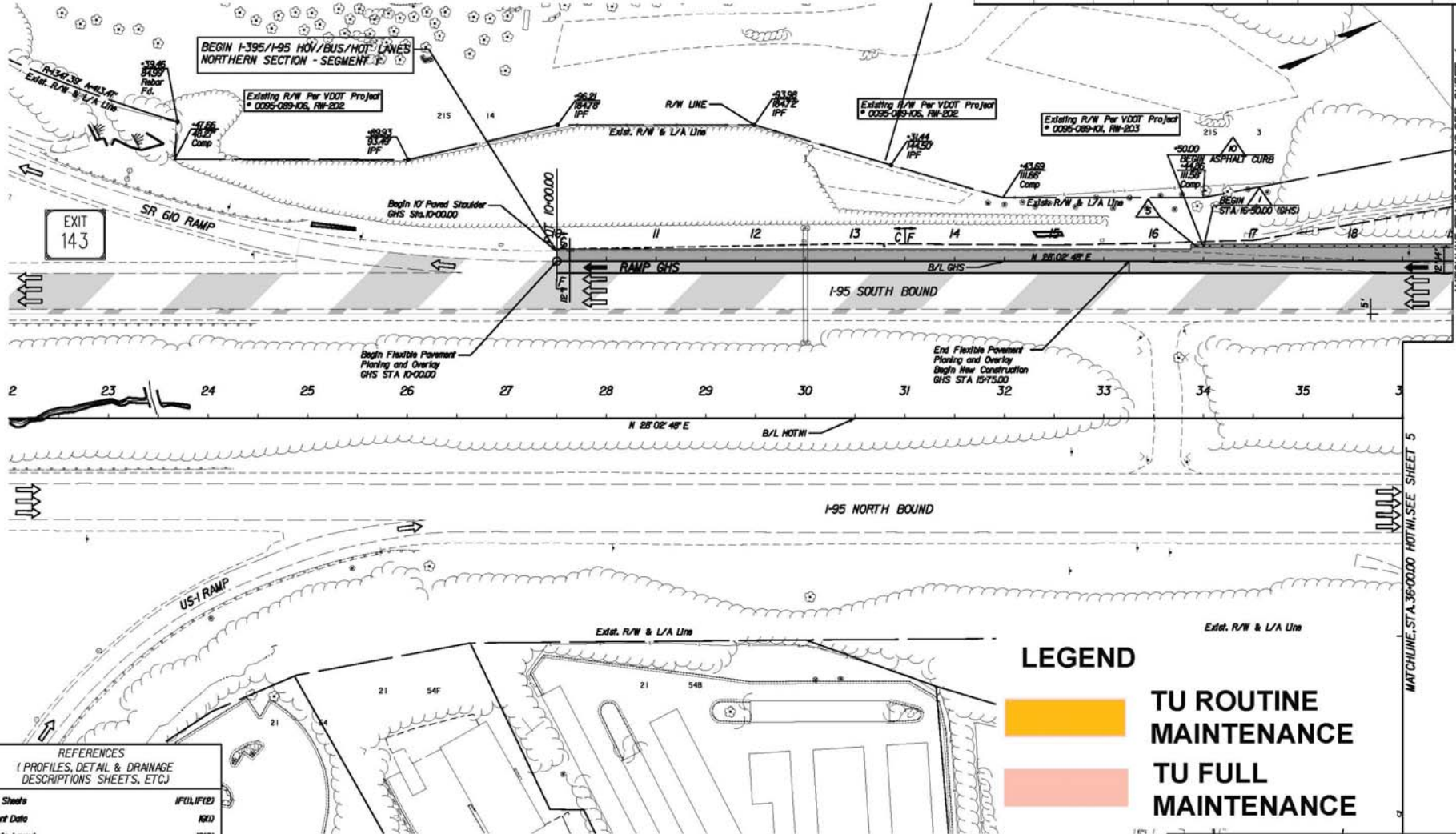
STA 36+00.00 HOTN/SEE SHEET 4

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2011

PROJECT MANAGER JOHN THOMAS (003) 647-7528  
 SURVEYED BY RICHARD ZIEMAS (003) 639-5345  
 DESIGN SUPERVISED BY MIKE TURMAN (787) 828-6531  
 DESIGNED BY FLORIAN SOBIAL, DESIGN CONSULTANTS LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FUND SOURCE	ROUTE	PROJECT	SHEET NO.
3	VA	NH-095-2(481)	95	0095-96A-107-P101	4



Rev.	Date	Description

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	10(1)
Geometric Layout	10(2)
Initial Grading and Drainage	4(1)
Ramp GHS Profile	4A
Ramp GHS Cross Sections	X1(48) thru X1(50)

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

Scale	Date
1"=50'	AUGUST 25, 2011

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
NH-095-2(481)	0095-96A-107-P101		4

MATCHLINE STA 10+00.00 GHS, SEE SHEET 4

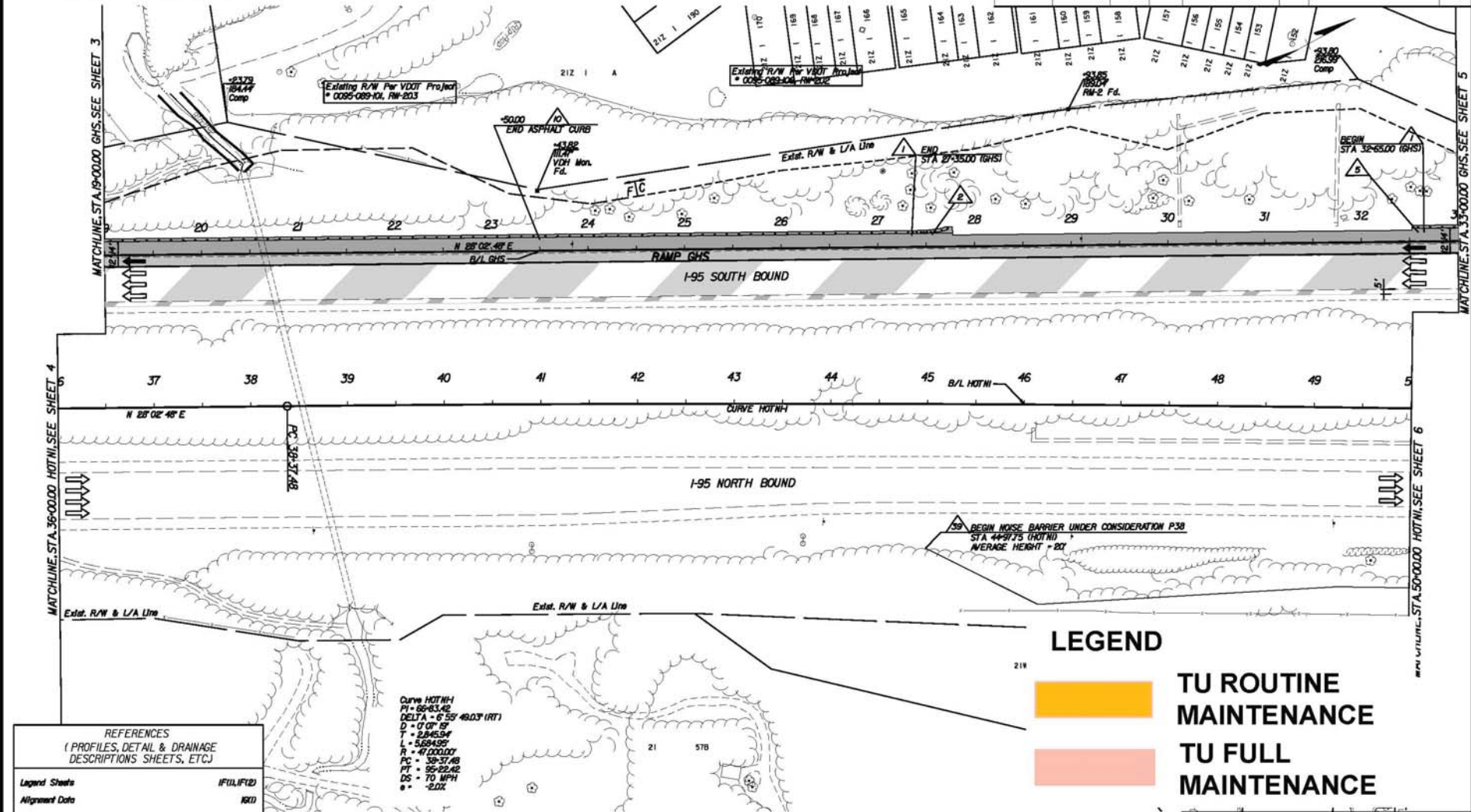
MATCHLINE STA 36+00.00 HOT/NI, SEE SHEET 5

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (003) 631-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLORIAN SOBIALSKI, DESIGN CONSULTANTS, LLC (904) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FEDERAL PROJECT	ROUTE	FILE NO.	SHEET NO.
3	VA	NH-095-2(481)	95	0095-96A-107-P101	5



Rev.	Date	Description

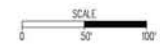
REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IFUL1P10
Alignment Data	N610
Geometric Layout	R612
Initial Grading and Drainage	511
Ramp GHS Profile	5A
Ramp GHS Cross Sections	X1501 thru X1561

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



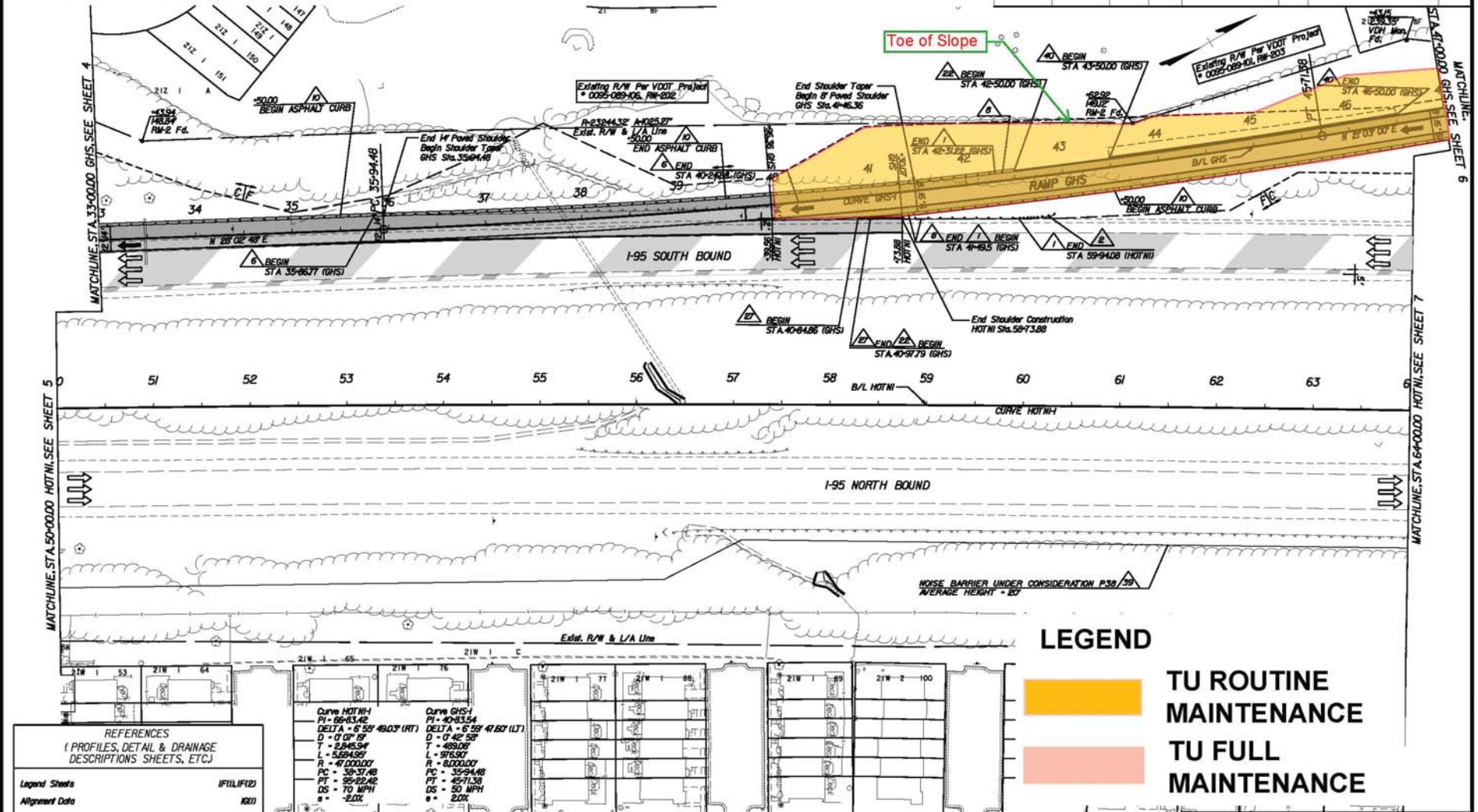
ROADWAY AND PAVING PLAN  
I-95 HOT LANES

Scale: 1"=20'	Date: AUGUST 25, 2021
PLAN NO.: NH-095-2(481)	SHEET NO.: 0095-96A-107-P101
	5

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUDMAN (787) 828-6531  
 DESIGNED BY: FLUOR/HTI/GEORGE DESIGN CONSULTANTS LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV	STATE	PROJECT	ROUTE	DATE	BY
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	6



**LEGEND**

TU ROUTINE MAINTENANCE

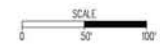
TU FULL MAINTENANCE

Rev.	Date	Description

**REFERENCES**  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	NG(1)
Geometric Layout	KG(2)
Initial Grading and Drainage	GI(1)
Ramp GHS Profile	GA
Ramp GHS Cross Sections	X(156) thru X(160)

Curve	PI	DELTA	D	T	L	R	PC	PT	DS	DS	DS
Curve HOTNH	69+83.42	6° 59' 49.03" (RT)	0' 07" 19"	2945.54'	5694.95'	41' 00.00'	35-37.48	95+22.42	70 MPH	-2.1%	
Curve GHS	40+83.54	6° 59' 41.87" (LT)	0' 42" 55"	489.02'	976.50'	8000.00'	35-94.48	45+71.38	50 MPH	2.0%	



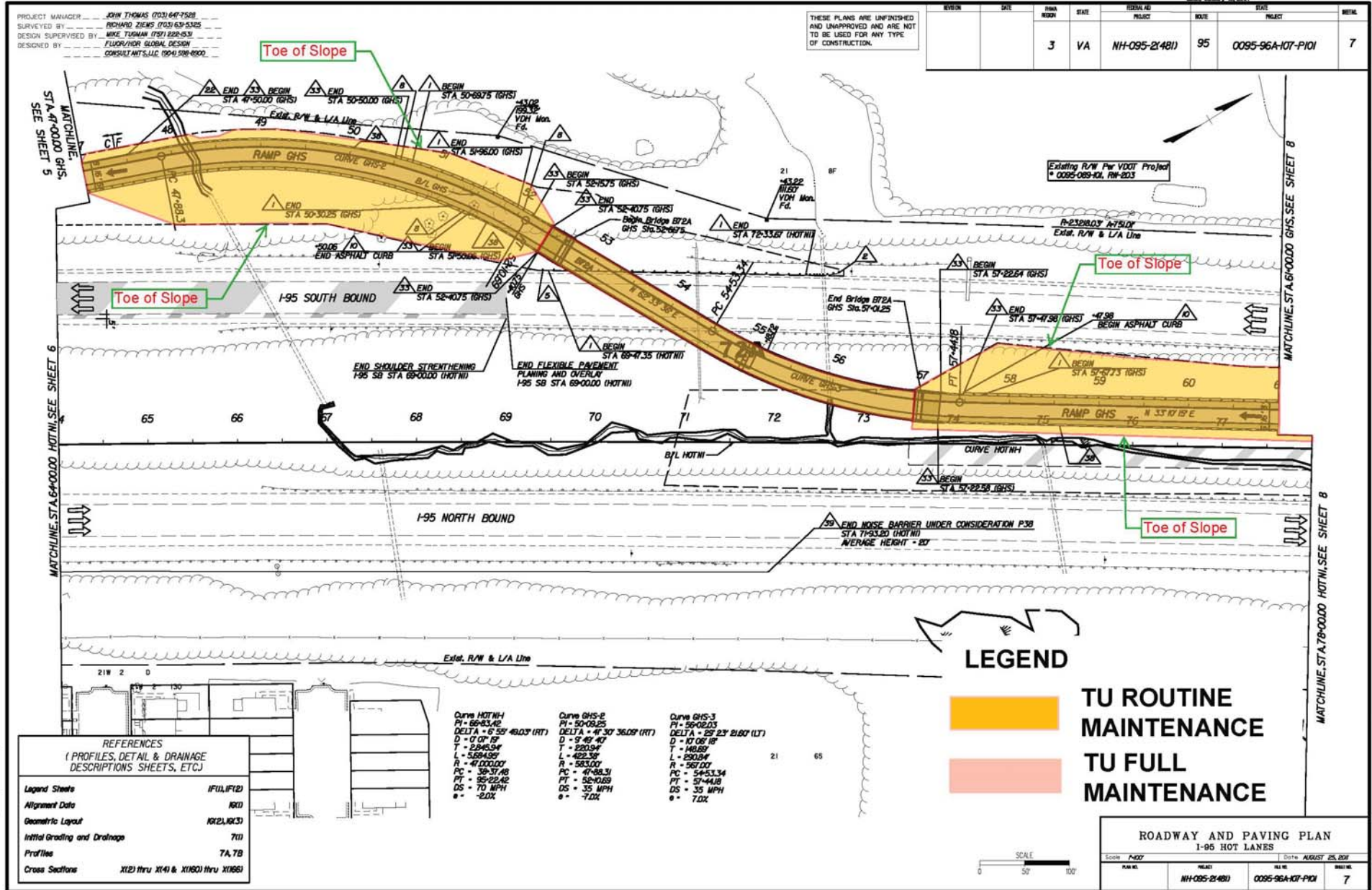
**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
			6

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIENS (003) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUDMAN (787) 828-6531  
 DESIGNED BY: FLORIAN SOBIECHOWSKI  
 CONSULTANTS, LLC (984) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV	STATE	PROJECT	ROUTE	DATE	BY
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	7



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IFU1, IF12
Alignment Data	NRD
Geometric Layout	RR2, RR3
Initial Grading and Drainage	701
Profiles	7A, 7B
Cross Sections	X12) thru X14) & X160) thru X166)

Curve	PI	Delta	D	T	L	R	PC	PT	DS	e
Curve HOTNH	50-0825	49.03° (RT)	0' 01" 19'	284.654'	5.684156'	47000.00'	39+37.48	50+02.42	70 MPH	-2.0%
Curve GHS-2	50-0825	41° 30' 36.09" (RT)	9' 49' 40"	220.94'	422.39'	583.00'	39+37.48	50+02.42	35 MPH	-7.0%
Curve GHS-3	50-0823	29° 23' 21.60" (LT)	17' 08' 18"	148.89'	220.94'	567.00'	47+98.31	57+44.18	35 MPH	7.0%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

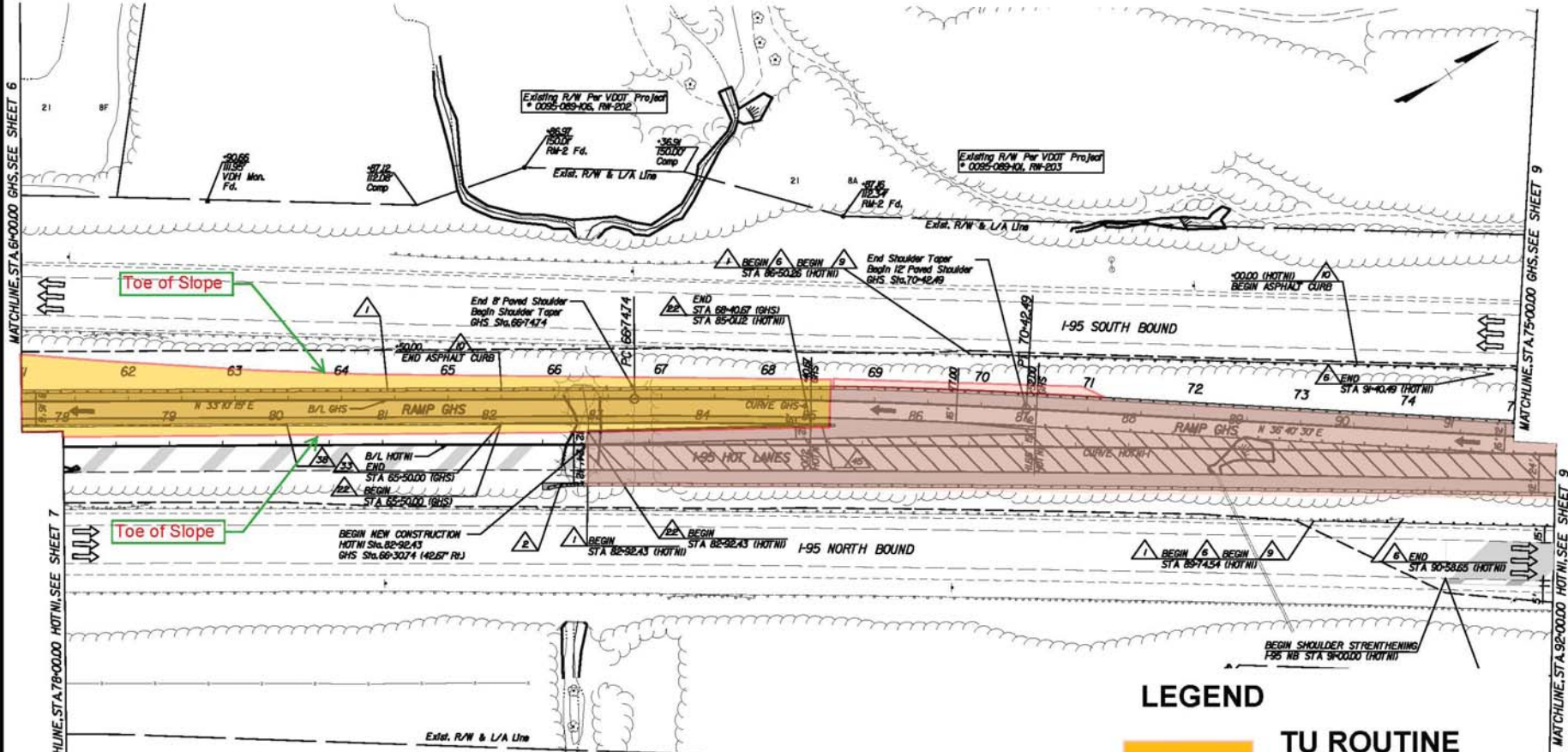
Scale	1"=20'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
SHEET NO.		TOTAL SHEETS	7

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER JOHN THOMAS (703) 647-7528  
 SURVEYED BY RICHARD ZIEMIS (703) 639-5325  
 DESIGN SUPERVISED BY MIKE TUDMAN (757) 828-6331  
 DESIGNED BY FLORIAN/NER GLOBAL DESIGN CONSULTANTS, LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	PROJECT	ROUTE	DATE	INSET	SCALE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		8



Rev.	Date	Description

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)	
Legend Sheets	IFU1, IF12
Alignment Data	86(1)
Geometric Layout	86(3)
Initial Grading and Drainage	86(1)
Profile	8A, 8B
Cross Sections	X1(4) thru X1(9) & X1(65) thru X1(71)

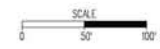
Curve HOTN-1  
 PI = 68+03.42  
 DELTA = 6° 59' 49.03" (RT)  
 D = 0° 37' 10"  
 T = 234.634'  
 L = 584.951'  
 R = 47,000.00'  
 PC = 38+37.48  
 PT = 38+32.42  
 DS = 70 MPH  
 e = -2.0%

Curve GHS-4  
 PI = 68+58.67  
 DELTA = 3° 30' 14.73" (RT)  
 D = 0° 37' 10"  
 T = 183.937'  
 L = 367.74'  
 R = 6483.00'  
 PC = 66+47.4  
 PT = 70+42.49  
 DS = 50 MPH  
 e = -2.0%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



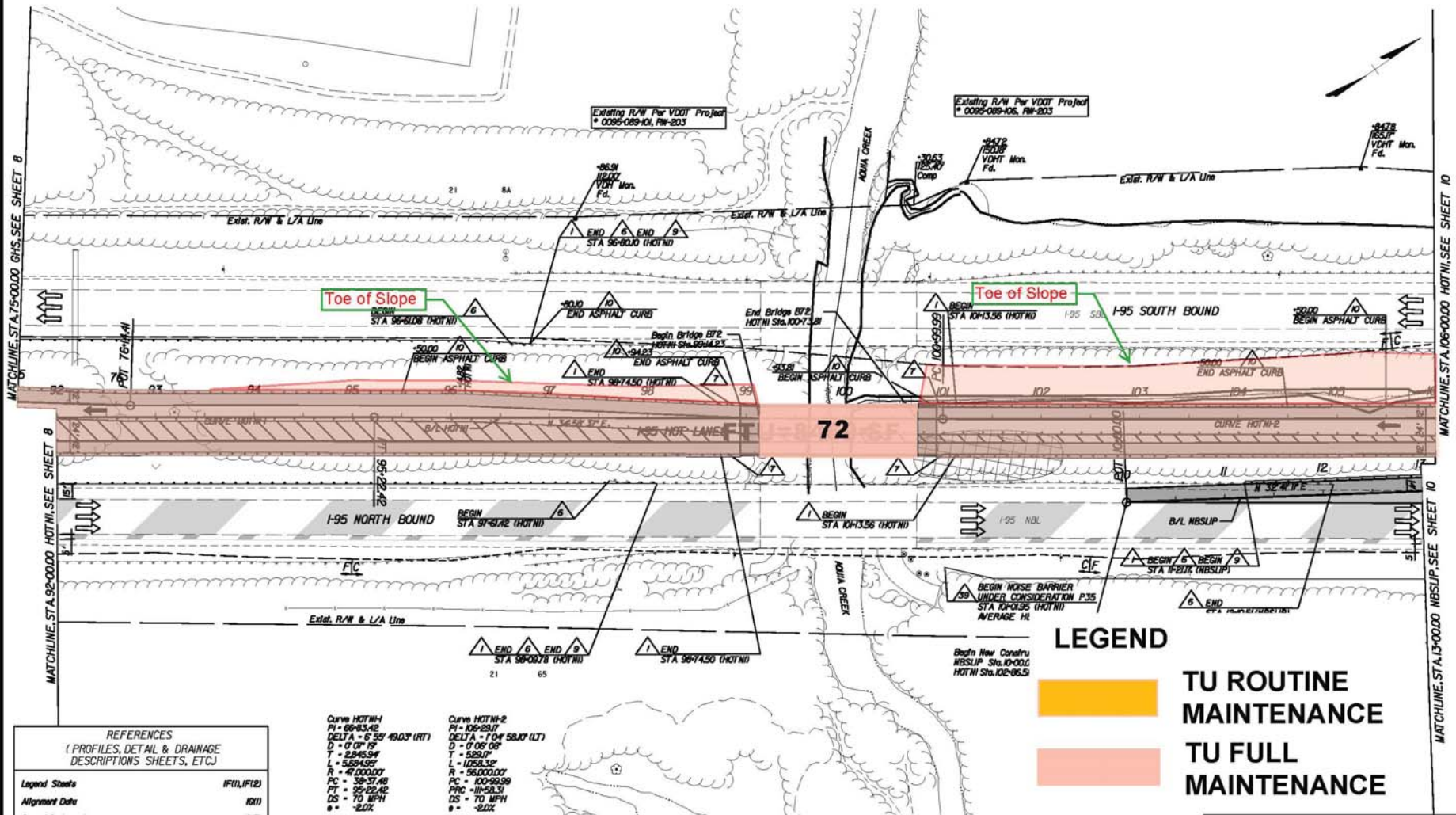
ROADWAY AND PAVING PLAN I-95 HOT LANES			
Scale	1"=50'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		DATE	8

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (003) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6331  
 DESIGNED BY: FLORIAN SOBAN, DESIGN CONSULTANTS, LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

VISION	DATE	PLAN NO.	STATE	PROJECT	ROUTE	DATE	SCALE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	9



Rev.	Date	Description

REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	IG(1)
Geometric Layout	IG(3)
Initial Grading and Drainage	SI(1)
Profiles	SA, SB, SC
Cross Sections	X(9) thru X(13) & X(17)

Curve HOTN-1  
 PI = 96+83.42  
 DELTA = 6° 59' 49.03" (RT)  
 D = 0' 00" 19"  
 T = 2+945.94'  
 L = 5684.95'  
 R = 49,000.00'  
 PC = 38+37.48  
 PT = 99+22.42  
 OS = 70 MPH  
 e = -2.0%

Curve HOTN-2  
 PI = 109+29.17  
 DELTA = 1° 04' 58.07" (LT)  
 D = 0' 06" 06"  
 T = 529.07'  
 L = 1058.32'  
 R = 50,000.00'  
 PC = 100+99.99  
 PTC = 111+58.31  
 OS = 70 MPH  
 e = -2.0%

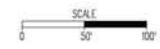
**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

ROADWAY AND PAVING PLAN  
I-95 HOT LANES

Scale: 1"=20'	Date: AUGUST 25, 2021
PLAN NO.: NH-095-2(481)	FILE NO.: 0095-96A-107-P101
	SHEET NO.: 9

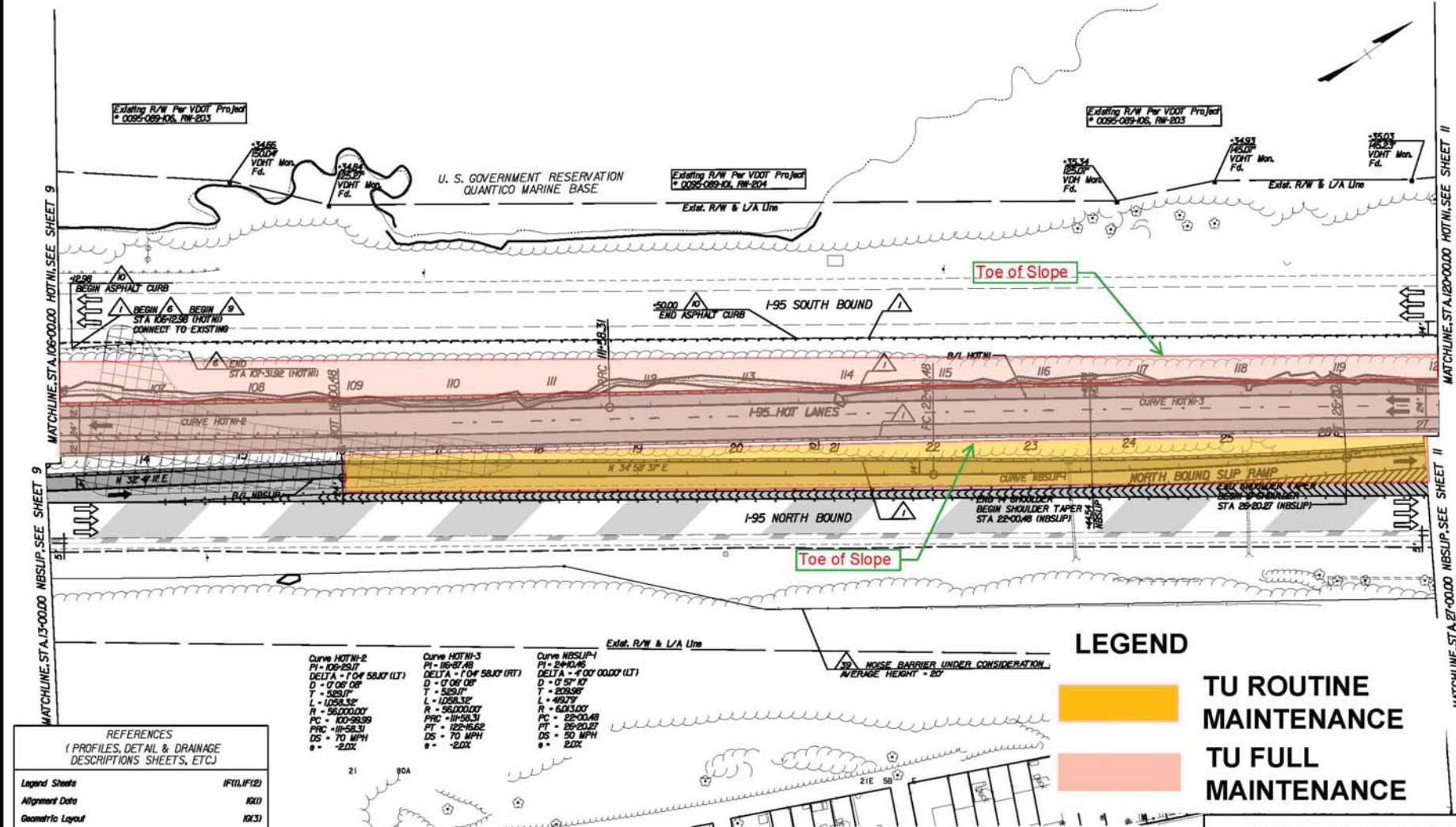


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (003) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUDMAN (787) 898-6331  
 DESIGNED BY: FLUOR/HTOR GLOBAL DESIGN CONSULTANTS LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	PROJECT	ROUTE	DATE	PROJECT	ITEM
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		10



Rev.	Date	Description

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF10, IF12
Alignment Data	IG1
Geometric Layout	IG3
Initial Grading and Drainage	IG1
Profiles	KA, KB
Cross Sections	X13, X14, X18

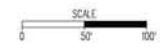
**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

Scale: 1"=20'	Date: AUGUST 25, 2021
PLAN NO.: NH-095-2(481)	PROJECT: 0095-96A-107-P101
	ITEM: 10



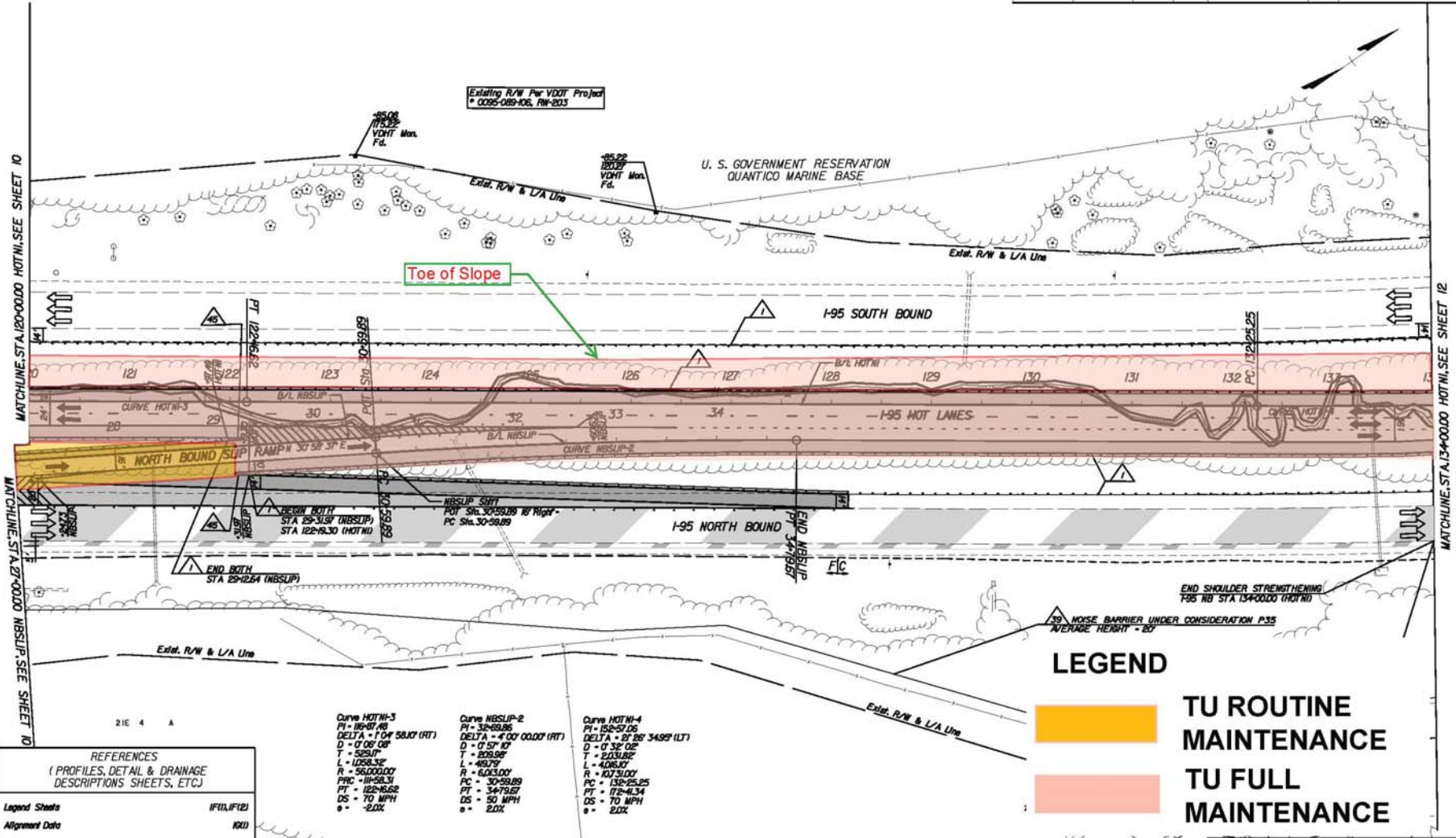


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 631-5345  
 DESIGN SUPERVISED BY: MIKE TUDMAN (703) 638-6331  
 DESIGNED BY: FLORIAN SOBIAL, DESIGN CONSULTANTS, LLC (904) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

VISION	DATE	PLAN NO.	STATE	SERIAL NO.	ROUTE	DATE	PROJECT	REVISION
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		//



Rev.	Date	Description

21E 4 A

Legend Sheets	IF(1), IF(2)
Alignment Data	IG(1)
Geometric Layout	IG(3), IG(4)
Initial Grading and Drainage	IK(1)
Profiles	IIA, IIB
Cross Sections	XI(8) thru XI(24)

**Curve HOTN-3**  
 PI = 122.612  
 DELTA = 1° 04' 58.07" (RT)  
 D = 0' 08" 08"  
 T = 529.17'  
 L = 1226.32'  
 R = 56200.00'  
 PRC = 112-16.62  
 PT = 122-16.62  
 DS = 70 MPH  
 e = -2.0%

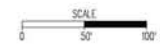
**Curve NBSLIP-2**  
 PI = 32-69.96  
 DELTA = 4° 00' 00.00" (RT)  
 D = 0' 57" 17"  
 T = 209.96'  
 L = 492.79'  
 R = 6263.00'  
 PC = 30-99.89  
 PT = 34-79.67  
 DS = 50 MPH  
 e = 2.0%

**Curve HOTN-4**  
 PI = 132-57.06  
 DELTA = 2° 26' 34.89" (LT)  
 D = 0' 32" 02"  
 T = 213.82'  
 L = 426.67'  
 R = 10731.00'  
 PC = 132-25.25  
 PT = 132-41.34  
 DS = 70 MPH  
 e = 2.0%

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

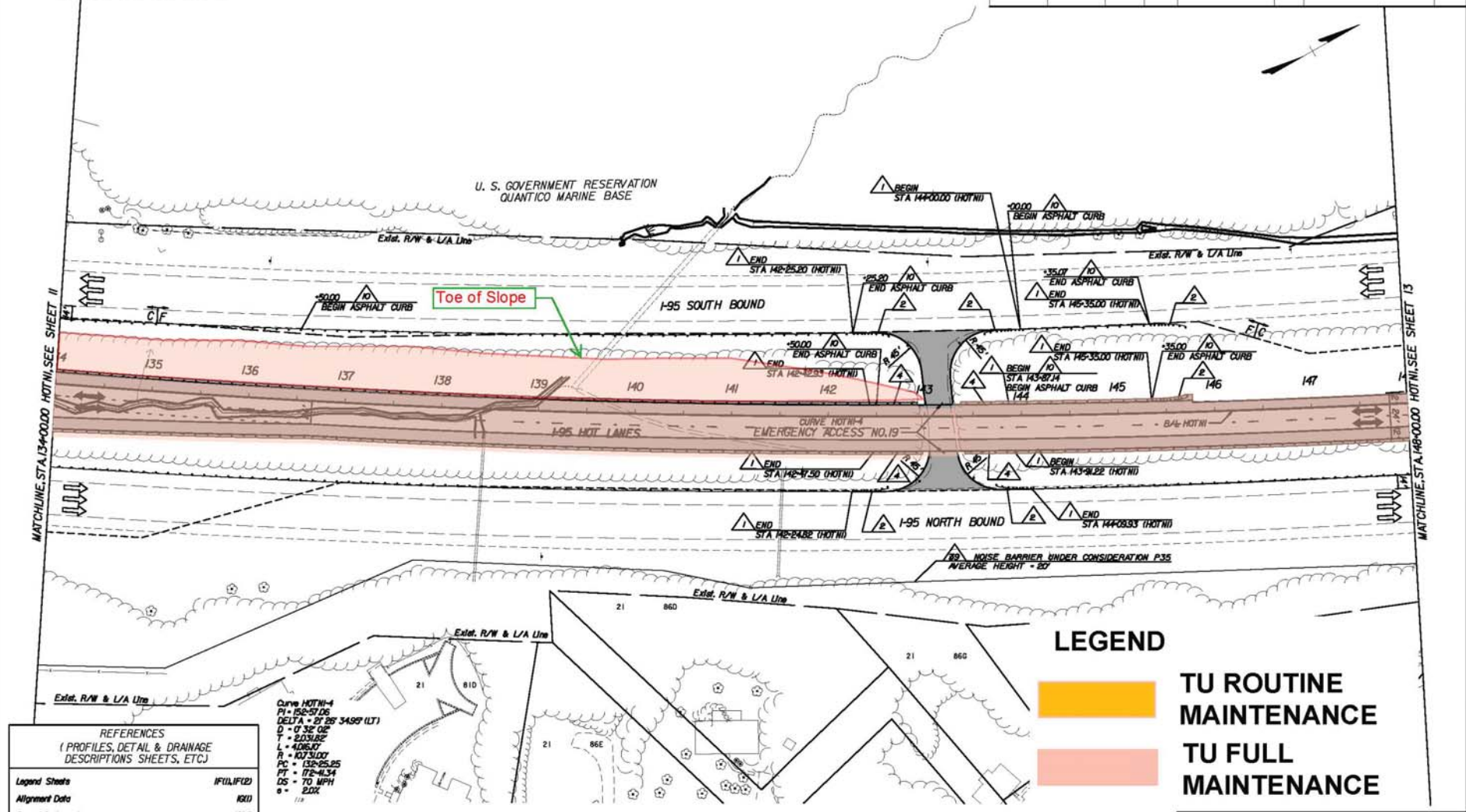
ROADWAY AND PAVING PLAN I-95 HOT LANES			
Scale: 1"=100'	DATE: AUGUST 25, 2021		
PLAN NO. NH-095-2(481)	PROJECT NO. 0095-96A-107-P101	DATE: AUGUST 25, 2021	REVISION: //



PROJECT MANAGER JOHN THOMAS (703) 647-7528  
 SURVEYED BY RICHARD ZIENS (703) 639-5345  
 DESIGN SUPERVISED BY MIKE TUGMAN (787) 828-6531  
 DESIGNED BY FLORIAN/SR GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	SECTION NO.	ROUTE	DATE	PROJECT	SCALE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		12



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IFU,IF12
Alignment Data	1601
Geometric Layout	1640
Initial Grading and Drainage	1201
Profile	12A
Cross Sections	X1241 thru X1291

Curve HOTN-4  
 PI = 132+57.26  
 DELTA = 91.25 34.98 (LT)  
 D = 0.32 02  
 T = 203.82  
 L = 408.67  
 R = 107.5007  
 PC = 132+55.25  
 PT = 132+61.34  
 DS = 70 MPH  
 e = 2.0%

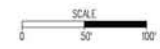
**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

Scale	1"=20'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
			12

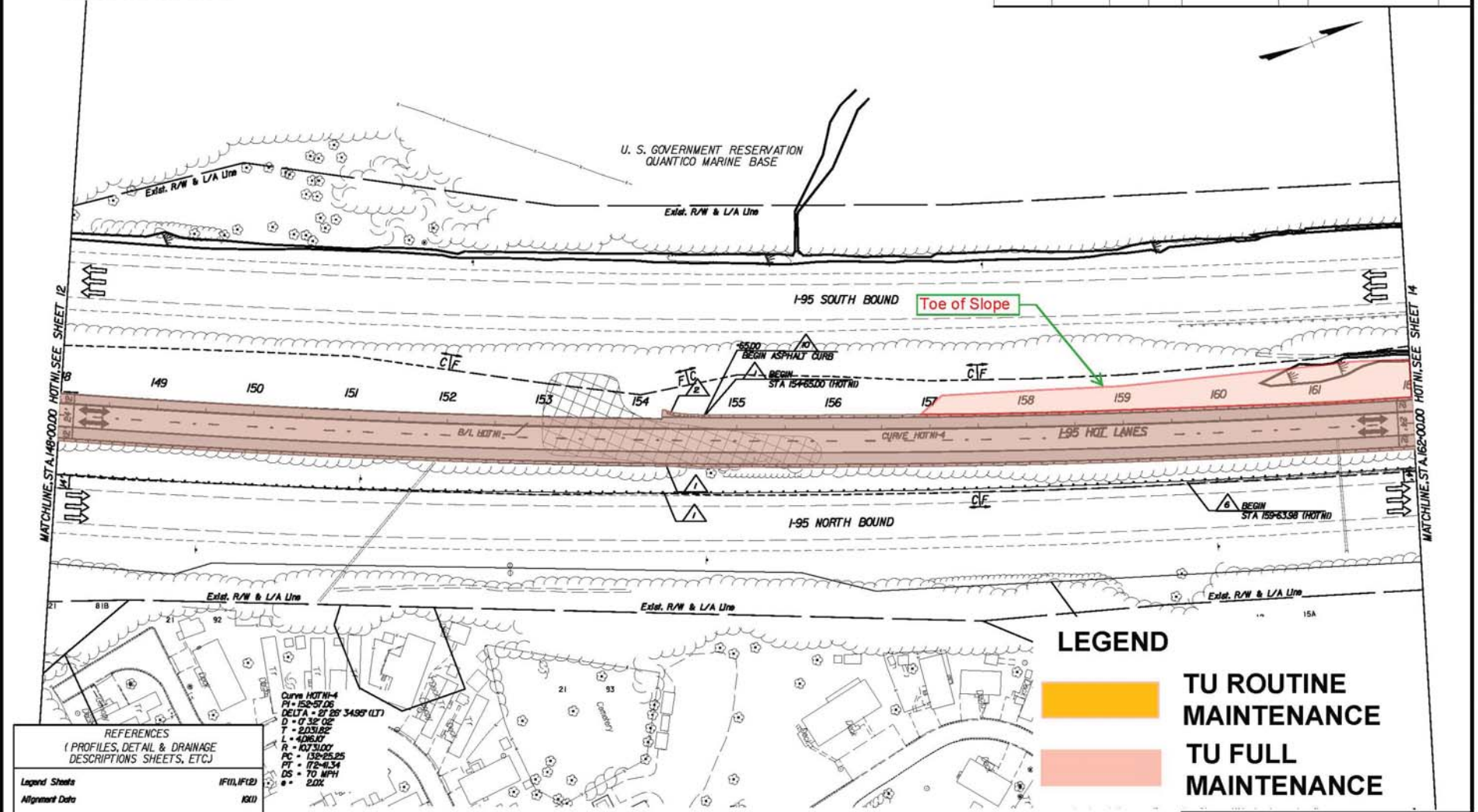


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (703) 631-5345  
 DESIGN SUPERVISED BY: MIKE TUDMAN (703) 638-6331  
 DESIGNED BY: FLORIAN SOBOL, DESIGN CONSULTANTS, LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FED. ROAD DIST.	ROUTE	PROJECT	DATE	SCALE
3	VA		NH-095-2(481)	95	0095-96A-107-P101	13



Rev.	Date	Description

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	IK(1)
Geometric Layout	IK(4)
Initial Grading and Drainage	IK(1)
Profiles	IS(3)
Cross Sections	XI(25) thru XI(34)

Curve HOTN-4  
 PI = 152+57.06  
 DELTA = 27° 29' 34.98" (LT)  
 D = 47.32' (2)  
 T = 2031.82'  
 L = 4126.10'  
 R = 107.5100'  
 PC = 132+25.25  
 PT = 172+41.34  
 CS = 70 MPH  
 e = 2.02%



ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

Scale	1"=100'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
			13

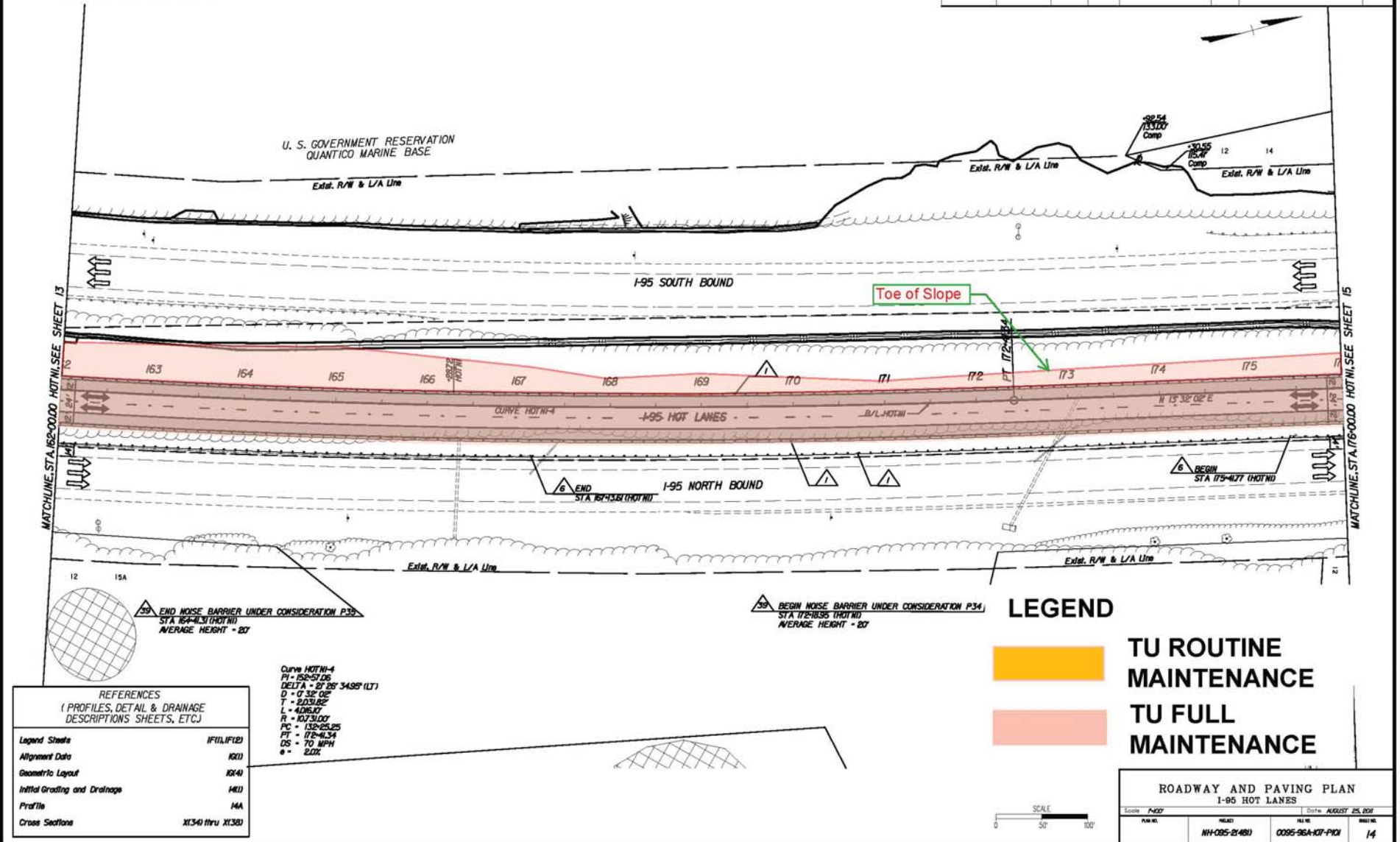
LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIENS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLUOR/HTOR GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FHWY NO.	SUBJECT	ROUTE	DATE	SCALE
3	VA		NH-095-2(481)	95	0095-96A-107-P101	14

Rev.	Date	Description



END NOISE BARRIER UNDER CONSIDERATION P33  
 STA 164+43.1 (HOT HD)  
 AVERAGE HEIGHT = 20'

BEGIN NOISE BARRIER UNDER CONSIDERATION P34  
 STA 175+38.5 (HOT HD)  
 AVERAGE HEIGHT = 20'

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

Curve HOTW-4  
 PI = 152+57.06  
 DELTA = 27° 28' 34.95" (L)  
 D = 0' 32" 00"  
 T = 2031.82  
 L = 408.10  
 R = 10731.00  
 PC = 132+25.25  
 PT = 172+41.34  
 DS = 70 MPH  
 e = 2.0%

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF10, IF12
Alignment Data	1601
Geometric Layout	1640
Initial Grading and Drainage	1401
Profile	14A
Cross Sections	X1340 thru X1380

ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

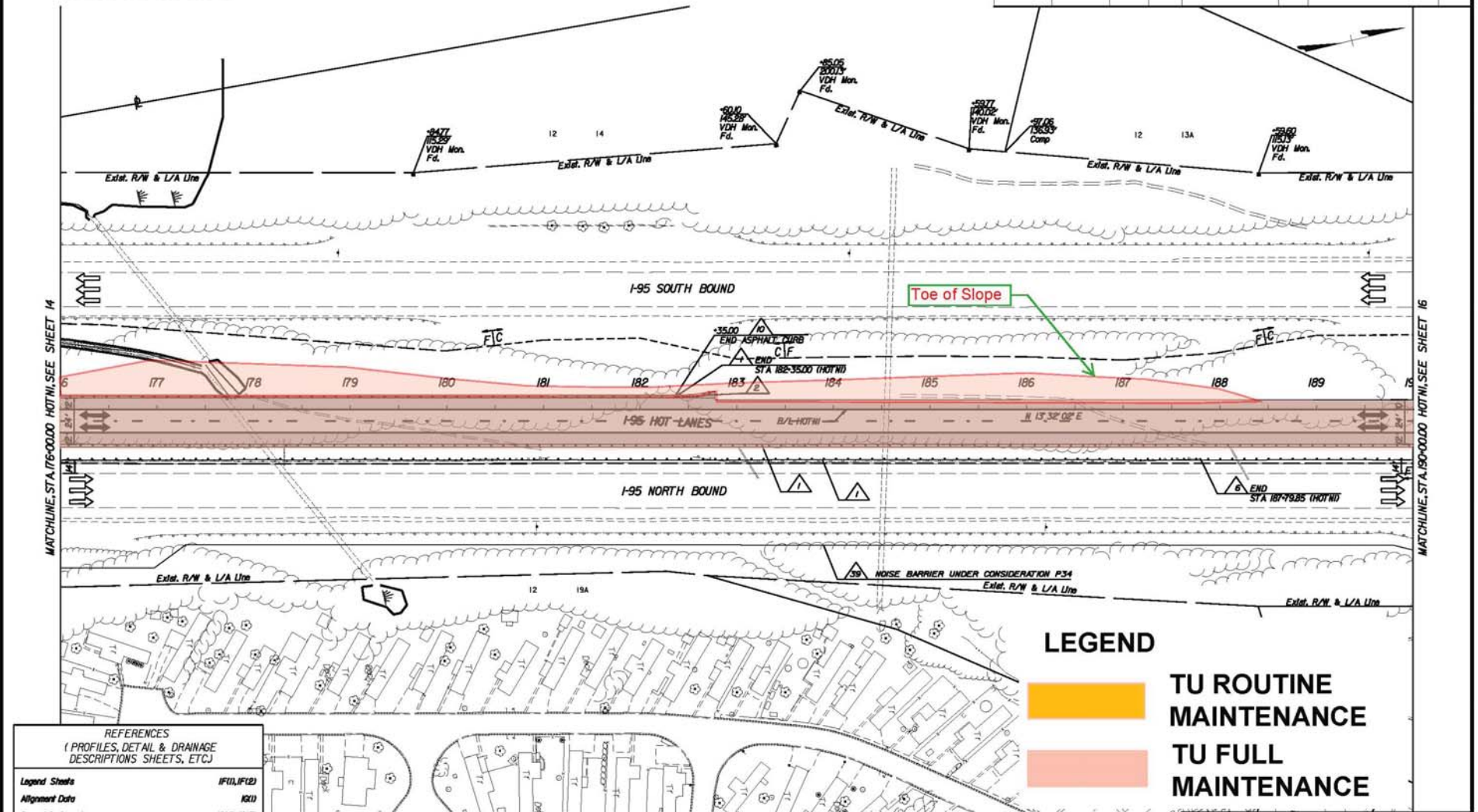
Scale	1"=20'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
		SHEET NO.	14

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2011

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (781) 828-6531  
 DESIGNED BY: FLORIAN/SOBAN DESIGN CONSULTANTS, LLC (954) 588-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FUND SOURCE	PROJECT	ROUTE	STATE PROJECT	SCALE
3	VA		NH-095-2(481)	95	0095-96A-107-P101	15



**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

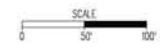
REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF10, IF12
Alignment Data	NS10
Geometry Layout	NS-41, NS15
Initial Grading and Drainage	IS10
Profile	ISA
Cross Sections	X1381 thru X1441

**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

Scale	1"=100'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	STATE PROJECT	0095-96A-107-P101
		SCALE	15

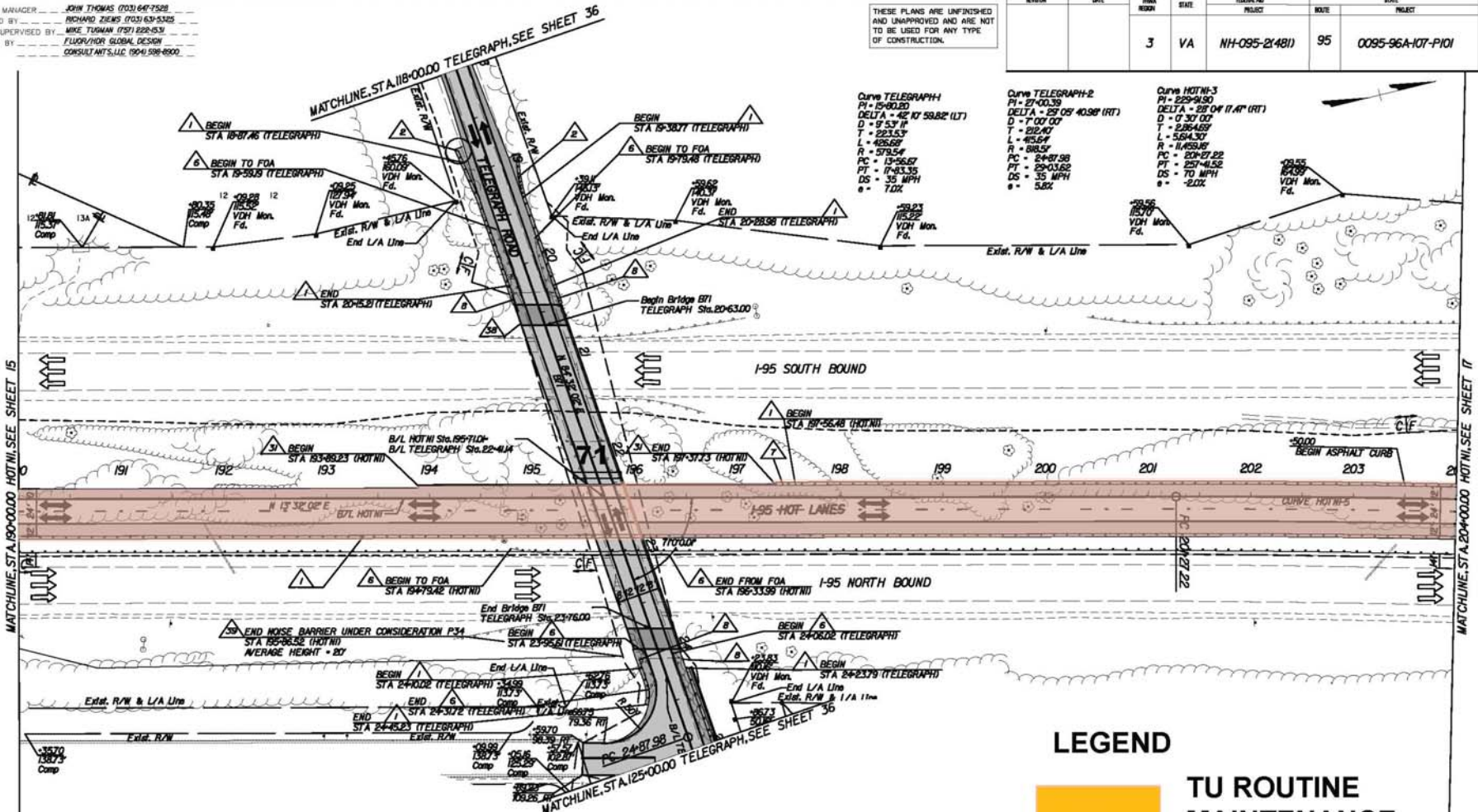
Rev.	Date	Description



PROJECT MANAGER: JOHN THOMAS (703) 647-7588  
 SURVEYED BY: RICHARD ZIEMIS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 898-6531  
 DESIGNED BY: FLORIAN SOBOL, DESIGN CONSULTANTS, LLC (954) 598-6900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	PROJECT	ROUTE	DATE	SCALE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	16



**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

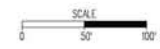
Rev.	Date	Description

**REFERENCES**  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IFU, IF12
Alignment Data	16(1)
Geometric Layout	13(5)
Initial Grading and Drainage	16(1)
Profiles	15A, 15B
Cross Sections	X1(4) thru X1(6) & X17(4) thru X18(3)

**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

Scale	1"=20'	Date	AUGUST 25, 2021
PLAN NO.		PROJECT	0095-96A-107-P101
			16

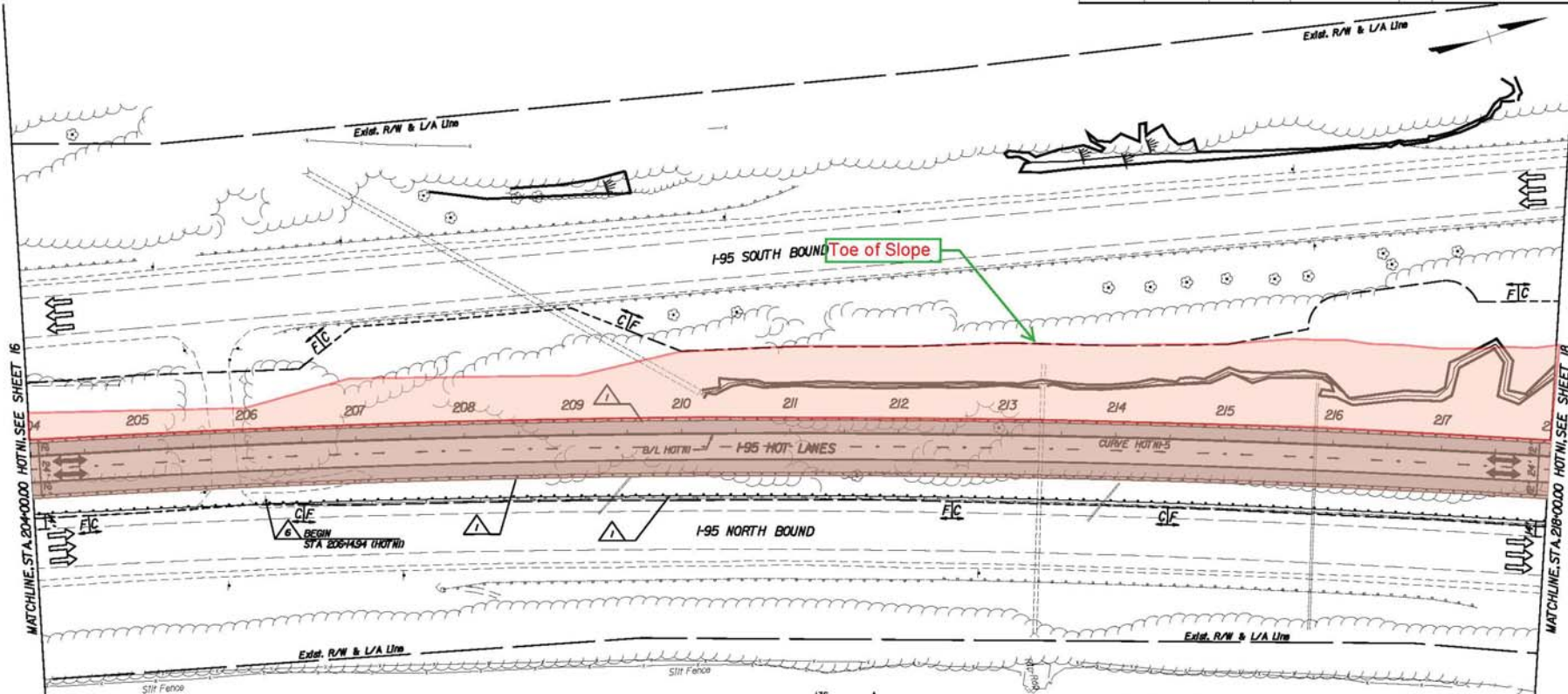


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER JOHN THOMAS (703) 647-7528  
 SURVEYED BY RICHARD ZIEMIS (703) 631-5325  
 DESIGN SUPERVISED BY MIKE TUGMAN (787) 828-6331  
 DESIGNED BY FLORIAN/SER/SOBAL DESIGN CONSULTANTS, LLC (954) 538-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FED. ROAD DIST.	STATE	FED. AID DIST.	PROJECT	DATE	REVISION
	VA	3	VA		NH-095-2(481)	95	0095-96A-107-P101



Rev.	Date	Description

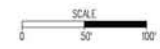
REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	(F01, F12)
Alignment Data	(A01)
Geometric Layout	(R01, R06)
Initial Grading and Drainage	(I01)
Profile	(P01)
Cross Sections	(X148) thru (X155)

Curve HOTW-5  
 PI = 229+94.30  
 DELTA = 22° 04' 17.46" (RT)  
 D = 0' 30' 00"  
 T = 2.854287  
 L = 554.337  
 R = 11,459.85'  
 PC = 203+07.22  
 PT = 227+41.52  
 DS = 70 MPH  
 e = -2.0%

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



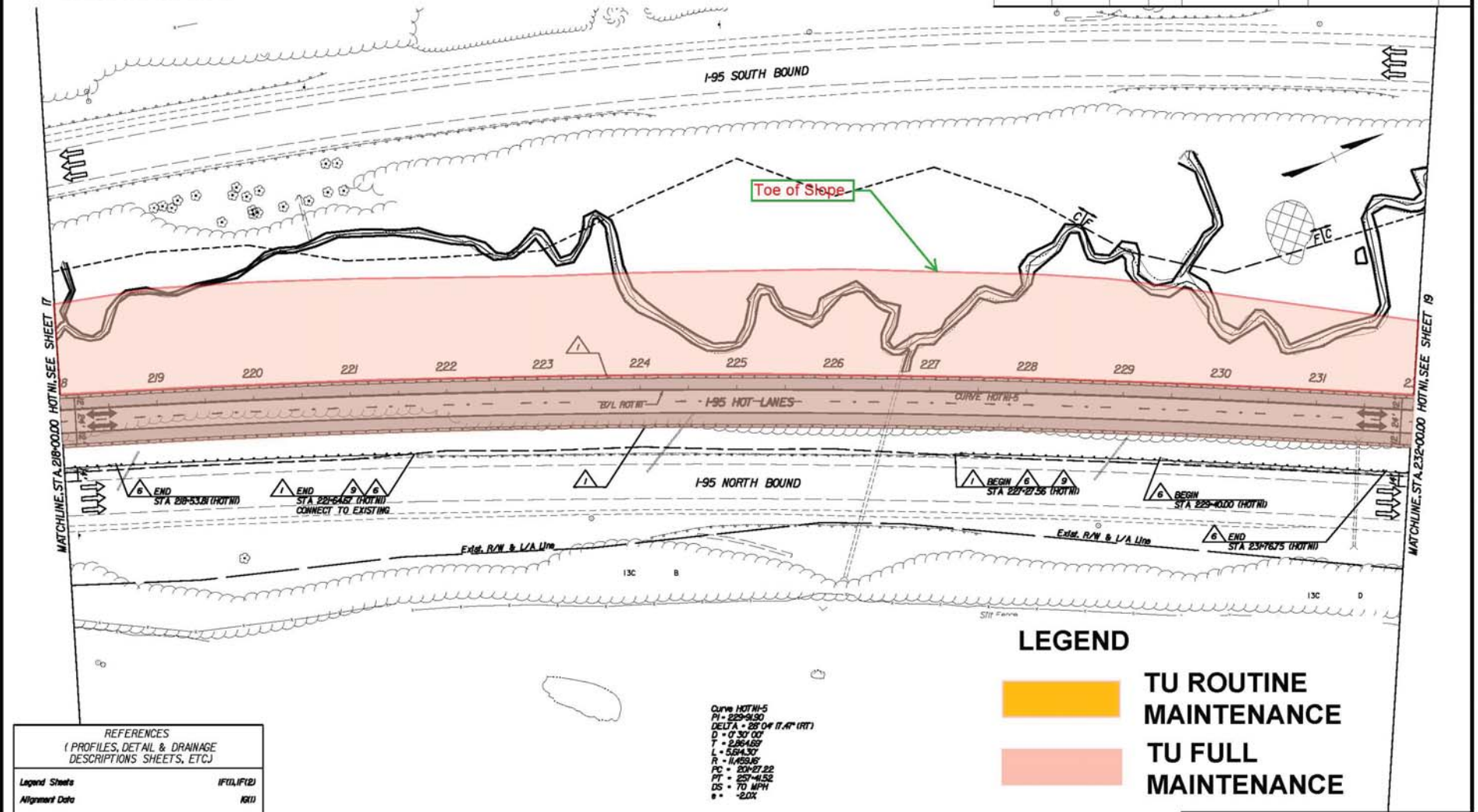
ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		SHEET NO.	17

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLORIAN/SOBAH DESIGN CONSULTANTS LLC (954) 588-8800

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

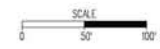
SECTION	DATE	PLAN NO.	STATE	SERIAL NO.	PROJECT	ROUTE	STATE	PROJECT	DATE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101			18



**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve HOTN-5  
 PI = 229+91.50  
 DELTA A = 28° 04' 17.4" (RT)  
 D = 0° 30' 00"  
 T = 2.864659  
 L = 5.614307  
 R = 11.453149  
 PC = 227+27.22  
 PT = 227+45.52  
 DS = TO MPH  
 • = 2.0X



Rev.	Date	Description

**REFERENCES**  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF01, IF12
Alignment Data	1811
Geometry Layout	1816
Initial Grading and Drainage	1811
Profile	18A
Cross Sections	X1551 thru X1621

**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

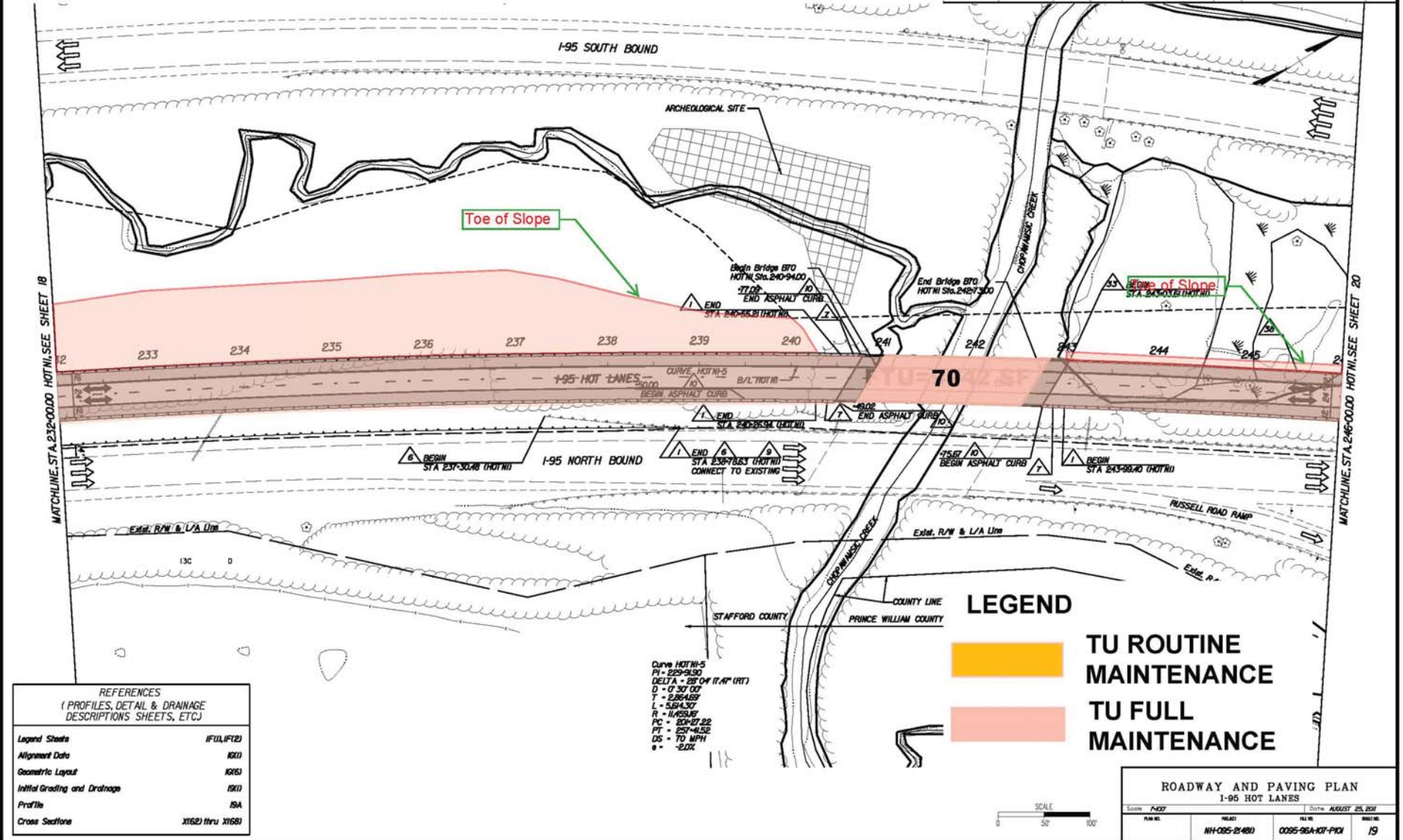
Scale	1"=100'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		STATE	18



PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 637-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6331  
 DESIGNED BY: FLUOR/HTM/ GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV	BY	DESCRIPTION	DATE	BY	DESCRIPTION
3	VA			NH-095-2(481)	95		0095-96A-107-P101



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	16(1)
Geometric Layout	16(6)
Initial Grading and Drainage	19(1)
Profile	19A
Cross Sections	X1(62) thru X1(68)

Curve HOTN-5  
 PI = 239+91.30  
 DELTA = 99° 04' 17.41" (RT)  
 D = 0' 30" 00"  
 T = 2.964169'  
 L = 5384.37'  
 R = 11455.6'  
 PC = 809+27.22  
 PT = 257+41.52  
 DS = 70 MPH  
 e = -2.0%

LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

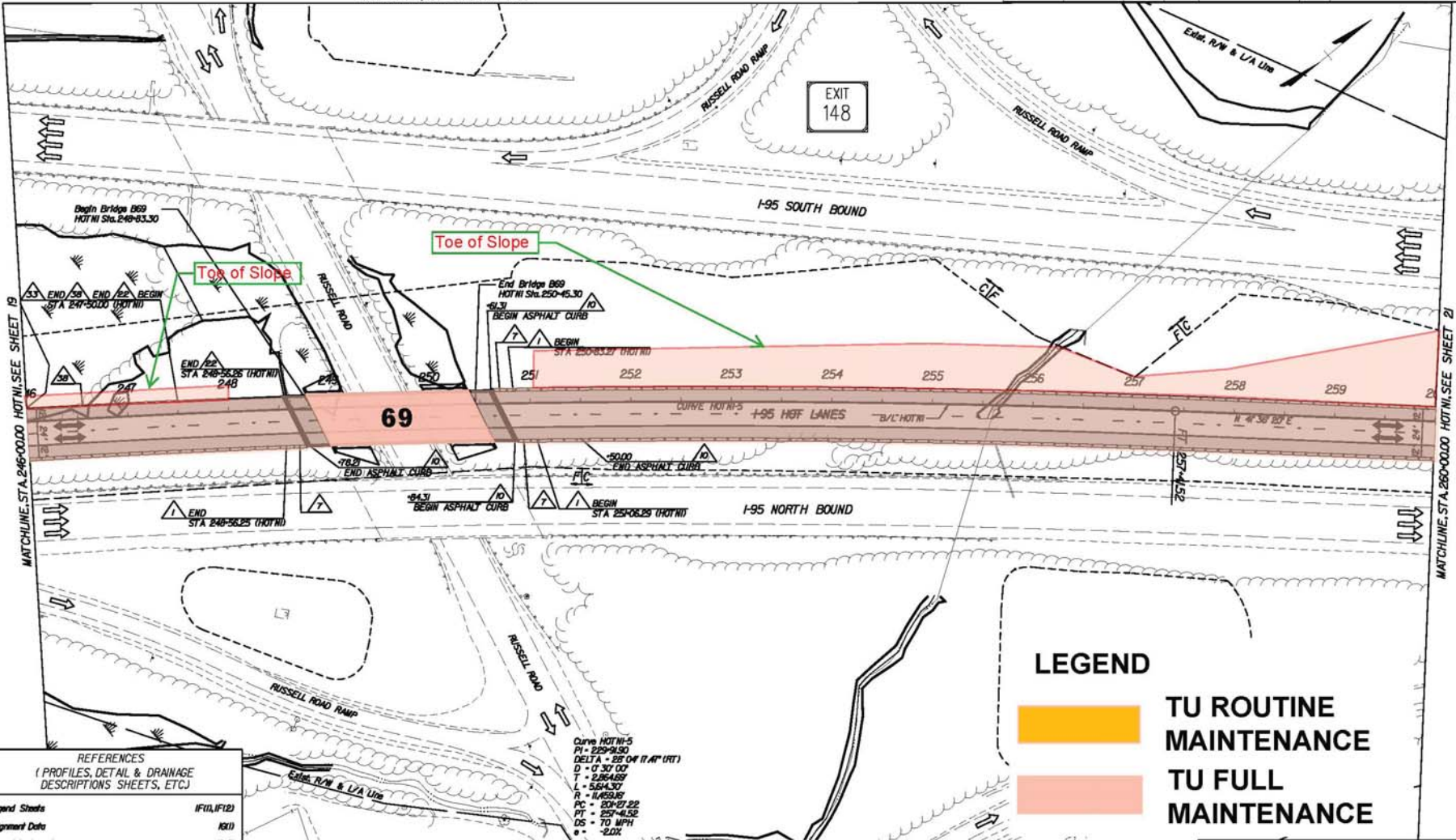
Scale	1"=100'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
		SHEET NO.	19

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLUOR/HTM/SCM, DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	SITE	PLAN NUMBER	STATE	FEDERAL PROJECT	ROUTE	STATE PROJECT	DATE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	20

MATCHLINE, SEE SHEET 36(2)



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

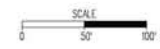
Legend Sheets	(F11), (F12)
Alignment Data	(K1)
Geometric Layout	(K16)
Initial Grading and Drainage	(201)
Profile	(20A)
Cross Sections	(X16B) thru (X17.3)

Curve HOTM-5  
 PI = 225+94.30  
 DELTA = 27.04° (7.4° (RT))  
 D = 0' 30' 00"  
 T = 2.86469'  
 L = 554.30'  
 R = 11,459.65'  
 PC = 209+27.22  
 PT = 237+45.52  
 DS = 70 MPH  
 e = -2.0%

**LEGEND**

 TU ROUTINE MAINTENANCE

 TU FULL MAINTENANCE



ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

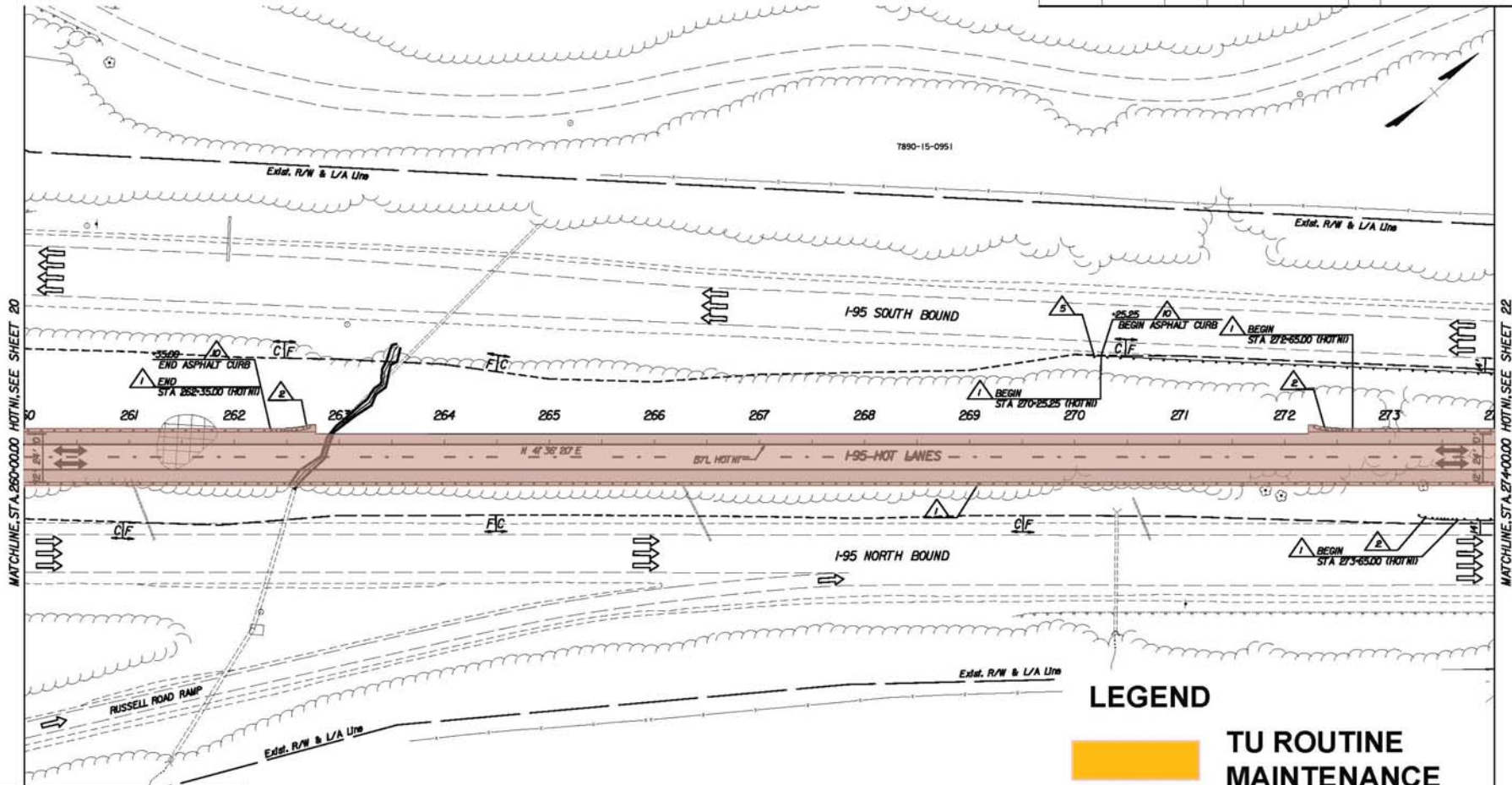
Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		DATE	20

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIENS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUDMAN (703) 639-6531  
 DESIGNED BY: FLORIAN GLOBAL DESIGN CONSULTANTS, LLC (904) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FHWY NO.	PROJECT	ROUTE	DATE	SCALE
	VA	3	NH-095-2(481)	95	0095-96A-107-P101	21



Rev.	Date	Description

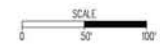
**REFERENCES**  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF11, IF12
Alignment Data	AG1
Geometric Layout	AG16A, AG17
Initial Grading and Drainage	2KD
Profile	2IA
Cross Sections	X1731 thru X1771

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

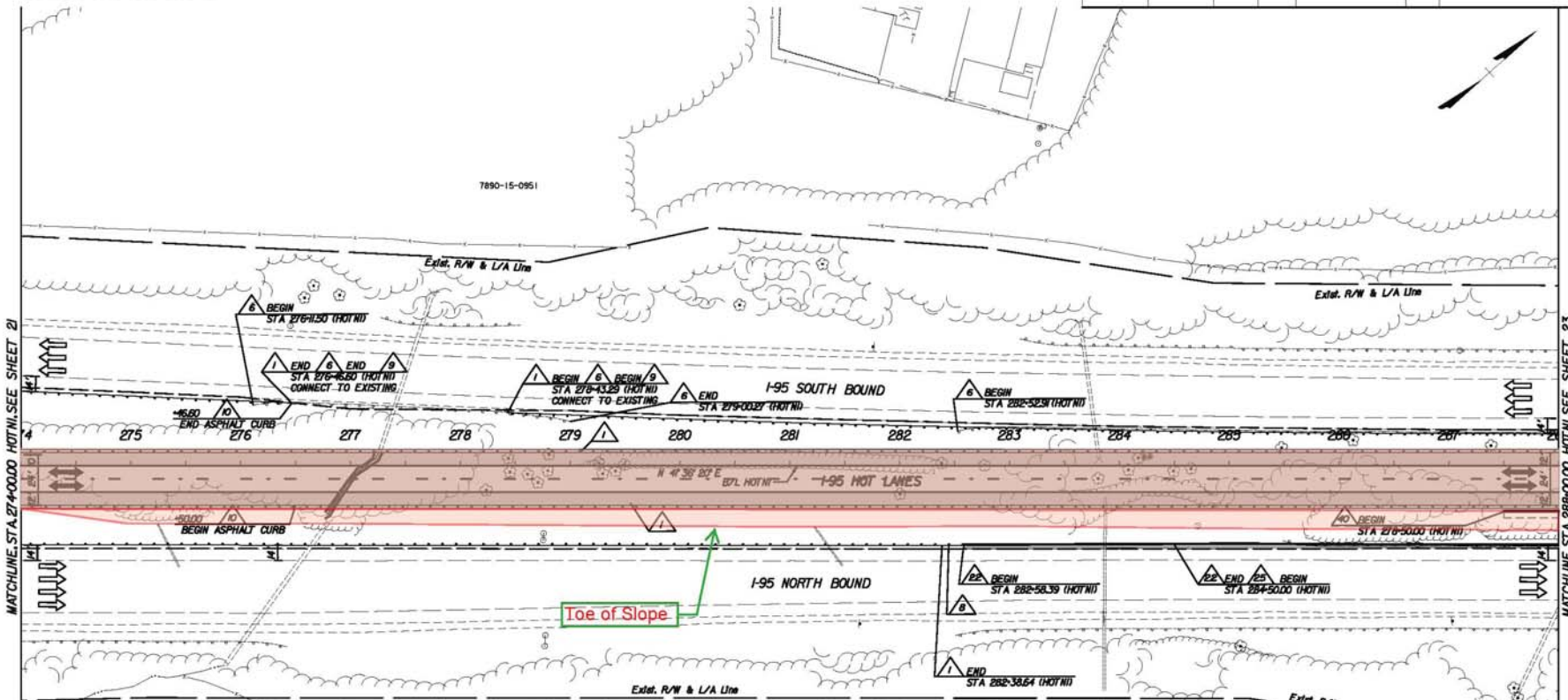
Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		DATE	21

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (757) 692-6531  
 DESIGNED BY: FLUOR/HTI GLOBAL DESIGN CONSULTANTS, LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	SERIAL NO.	PROJECT	ROUTE	STATE	PROJECT	SHEET
		3	VA	NH-095-2(481)	95	0095-96A-107-P101			22



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



Rev.	Date	Description

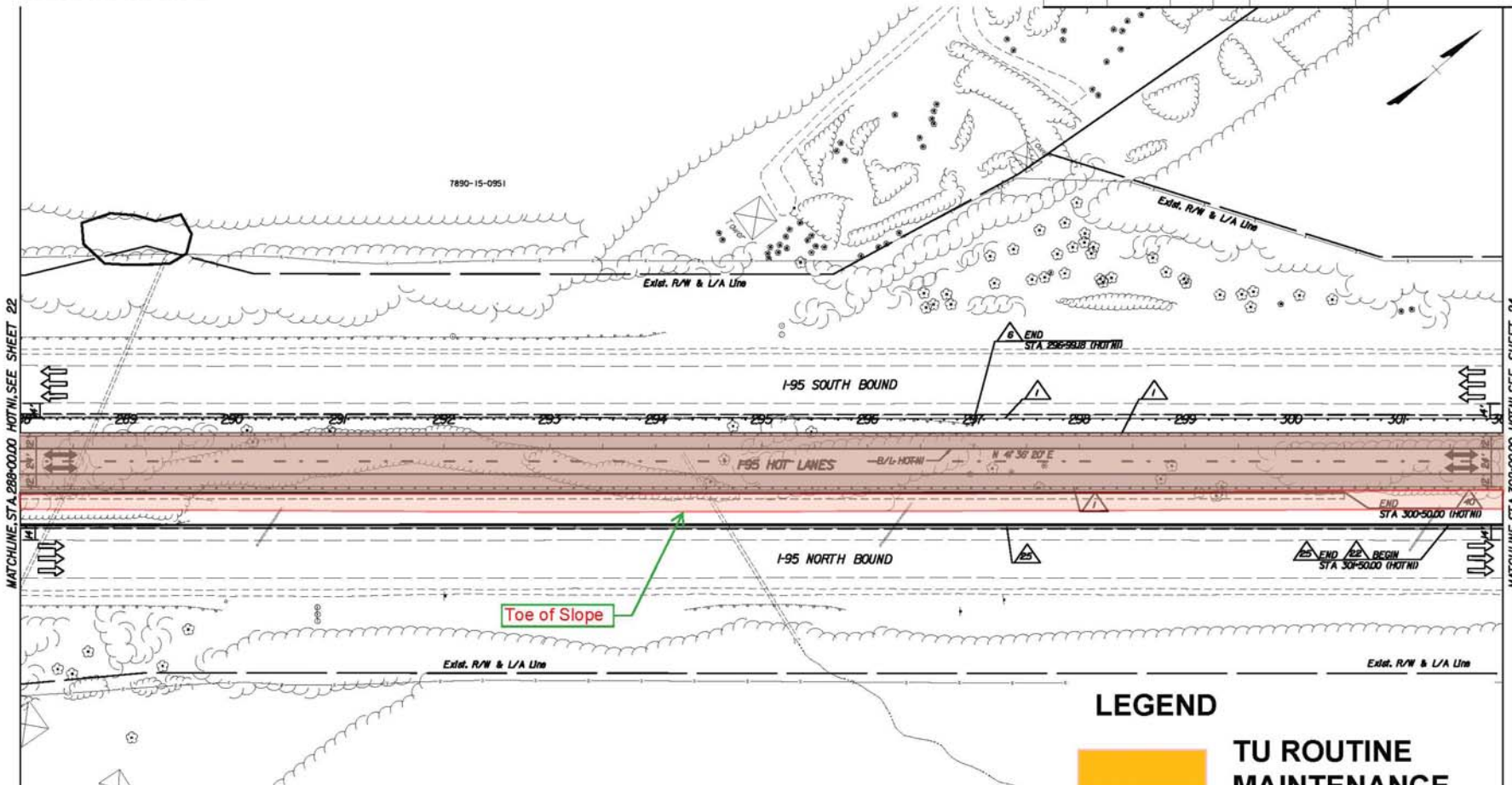
REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)	
Legend Sheets	IF11, IF12
Alignment Data	NS10
Geometric Layout	IG17
Initial Grading and Drainage	2210
Profile	22A
Cross Sections	X171 thru X183

ROADWAY AND PAVING PLAN I-95 HOT LANES			
Scale	PLAN NO.	PROJECT	Date
1"=50'		NH-095-2(481)	AUGUST 25, 2011
		0095-96A-107-P101	
			22

PROJECT MANAGER JOHN THOMAS (703) 647-7528  
 SURVEYED BY RICHARD ZIEMAS (703) 631-5325  
 DESIGN SUPERVISED BY MIKE TUDMAN (757) 628-6331  
 DESIGNED BY FLUOR/HTM GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FED. ROAD DIST.	ROUTE	PROJECT	SHEET NO.	TOTAL SHEETS
3	VA		NH-095-2(481)	95	0095-96A-107-P101	23



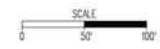
MATCHLINE STA. 288+00.00 HOT/L SEE SHEET 22

MATCHLINE STA. 302+00.00 HOT/L SEE SHEET 24

Toe of Slope

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF10, IF12
Alignment Data	1610
Geometric Layout	1617
Initial Grading and Drainage	2310
Profile	231A
Cross Sections	X1831 thru X1851

ROADWAY AND PAVING PLAN I-95 HOT LANES			
Scale	1"=100'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		SHEET NO.	23

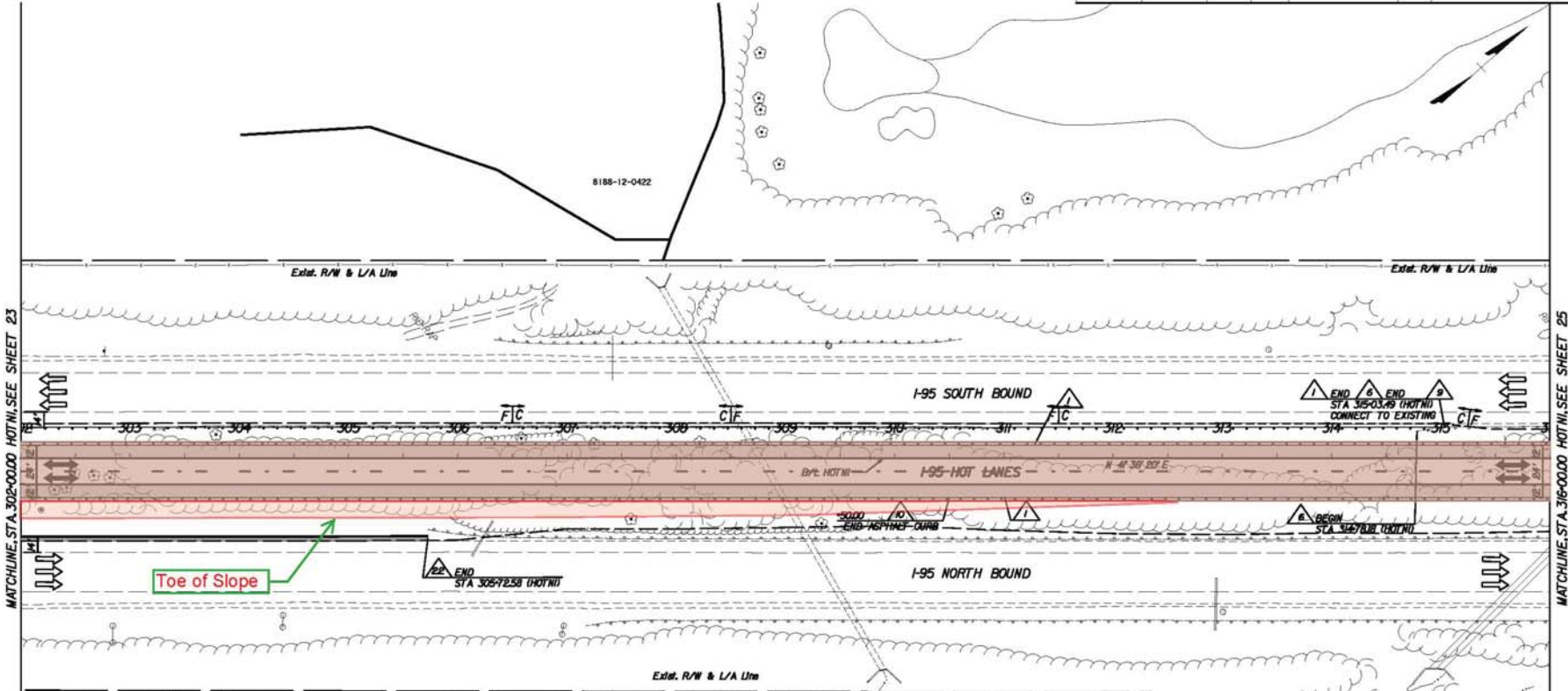
Rev.	Date	Description

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (757) 628-6531  
 DESIGNED BY: FLUOR/HTM GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FED. ROAD NO.	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	VA	3		NH-095-2(481)	95	0095-96A-107-P101	24



MATCHLINE STA. 302+00.00 HOT/VI. SEE SHEET 23

MATCHLINE STA. 316+00.00 HOT/VI. SEE SHEET 25

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE



Rev.	Date	Description

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)	
Legend Sheets	IF11, IF12
Alignment Data	1810
Geometric Layout	1817
Initial Grading and Drainage	2410
Profile	24A
Cross Sections	X1891 thru X1941

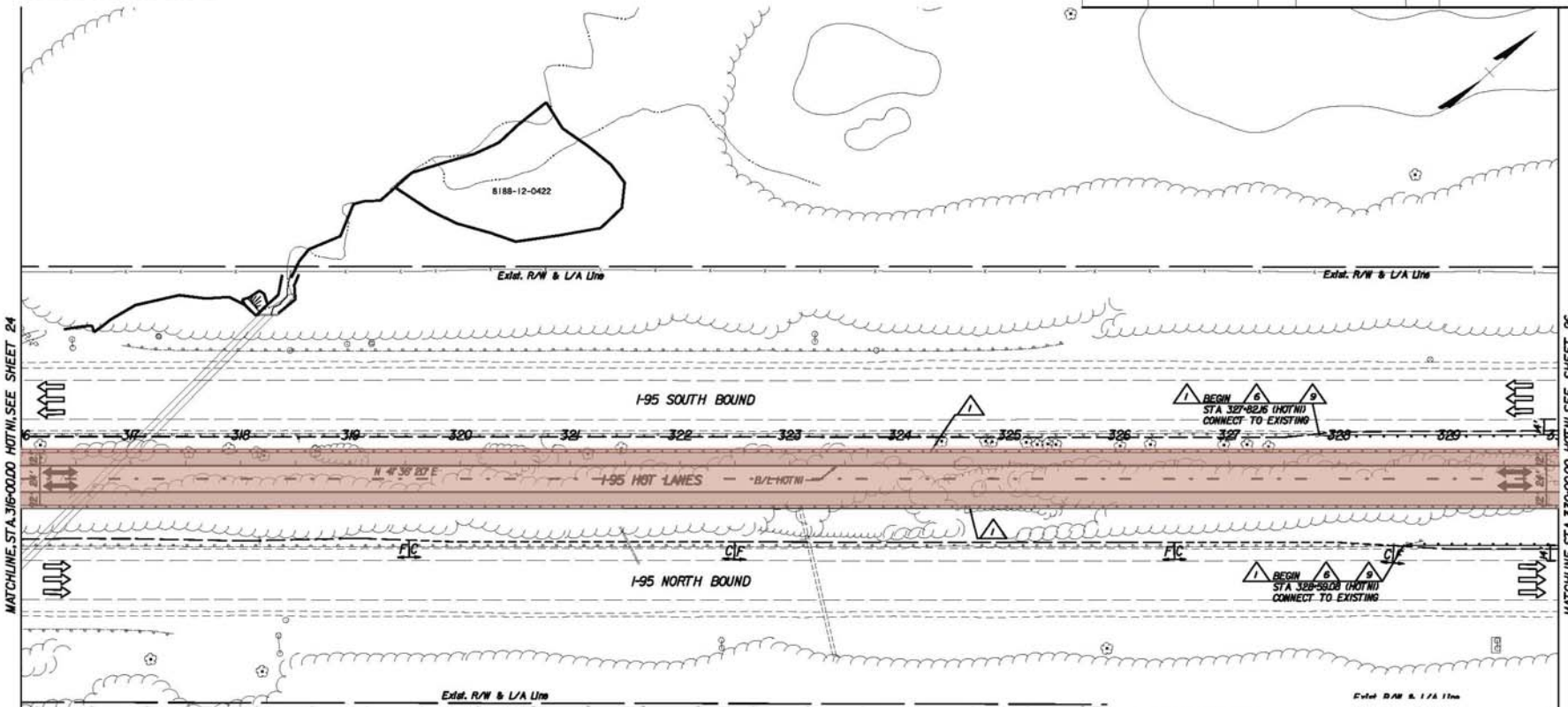
ROADWAY AND PAVING PLAN I-95 HOT LANES			
Scale	DATE	DATE	DATE
1"=100'	AUGUST 25, 2011		
PLAN NO.	PROJECT	FILE NO.	SHEET NO.
NH-095-2(481)	0095-96A-107-P101		24

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (003) 647-7528  
 SURVEYED BY: RICHARD ZIENS (003) 631-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 898-6531  
 DESIGNED BY: FLORIAN GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	DATE	PLAN NO.	STATE	SERIAL NO.	PROJECT	ROUTE	STATE	PROJECT	DATE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101			25



Rev.	Date	Description

REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	NS(1)
Geometric Layout	NS(7), NS(8)
Initial Grading and Drainage	25(1)
Profile	25A
Cross Sections	X(94) thru X(98)

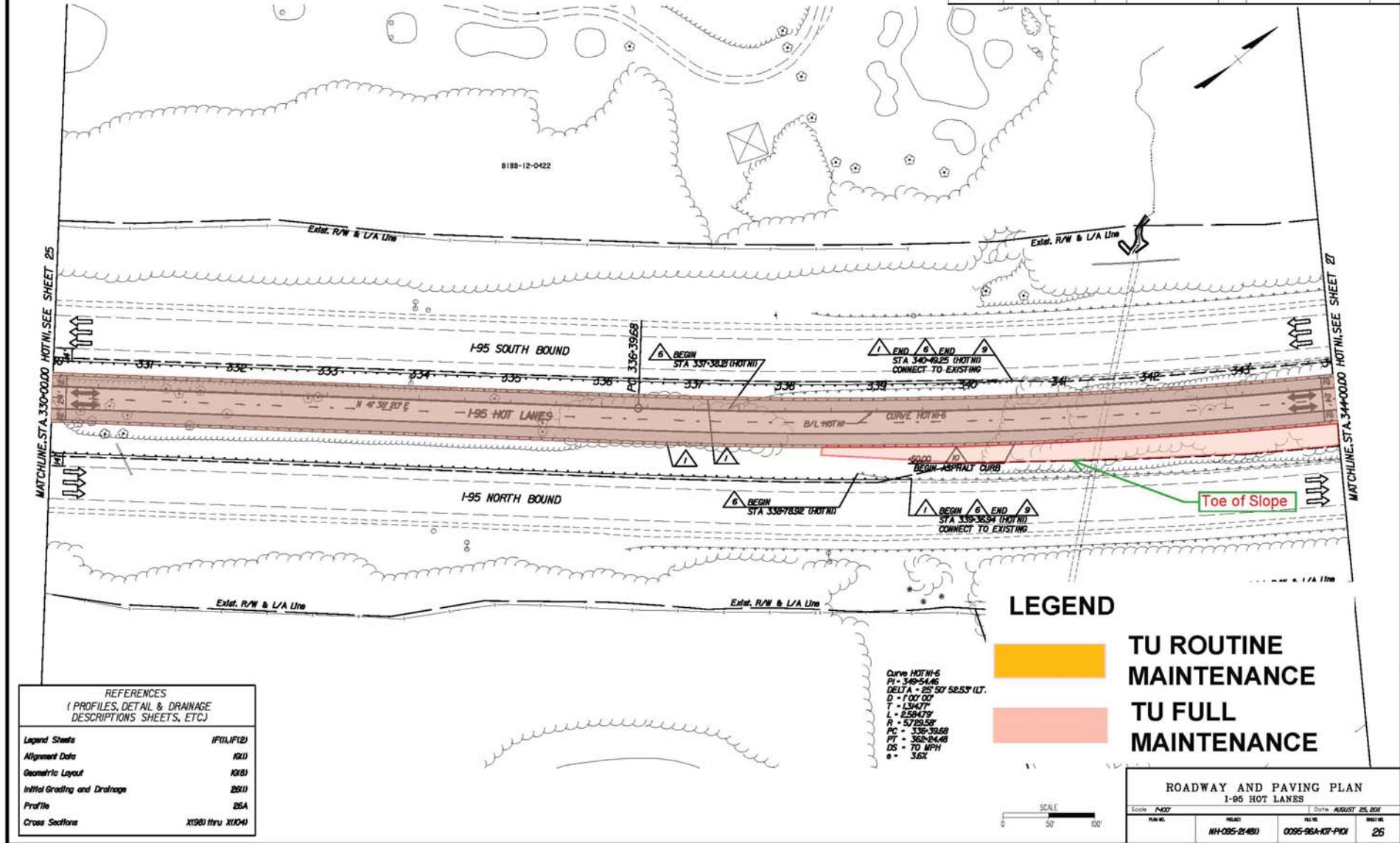
ROADWAY AND PAVING PLAN  
I-95 HOT LANES

Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
SHEET NO.		TOTAL SHEETS	25

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIENS (703) 637-5325  
 DESIGN SUPERVISED BY: MIKE TUDMAN (787) 828-6331  
 DESIGNED BY: FLORIAN SOBAN, DESIGN CONSULTANTS, LLC (954) 588-8800

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FHWY NO.	PROJECT	ROUTE	DATE	HEET
3	VA		NH-095-2(481)	95	0095-96A-107-P101	26



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

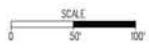
Legend Sheets	IF(1), IF(2)
Alignment Data	19(1)
Geometric Layout	19(8)
Initial Grading and Drainage	26(1)
Profile	26A
Cross Sections	X19(8) thru X10(4)

Curve HOTW-6  
 PI = 348+54.06  
 DELTA = 25° 57' 52.53" (LT.)  
 D = 1007.00'  
 T = 134.47'  
 L = 258.479'  
 R = 5729.58'  
 PC = 336+39.68  
 PT = 362+24.48  
 DS = 70 MPH  
 e = .36%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

Scale: 1"=50'	Date: AUGUST 25, 2021
PLAN NO.: NH-095-2(481)	FILE NO.: 0095-96A-107-P101
	HEET NO.: 26

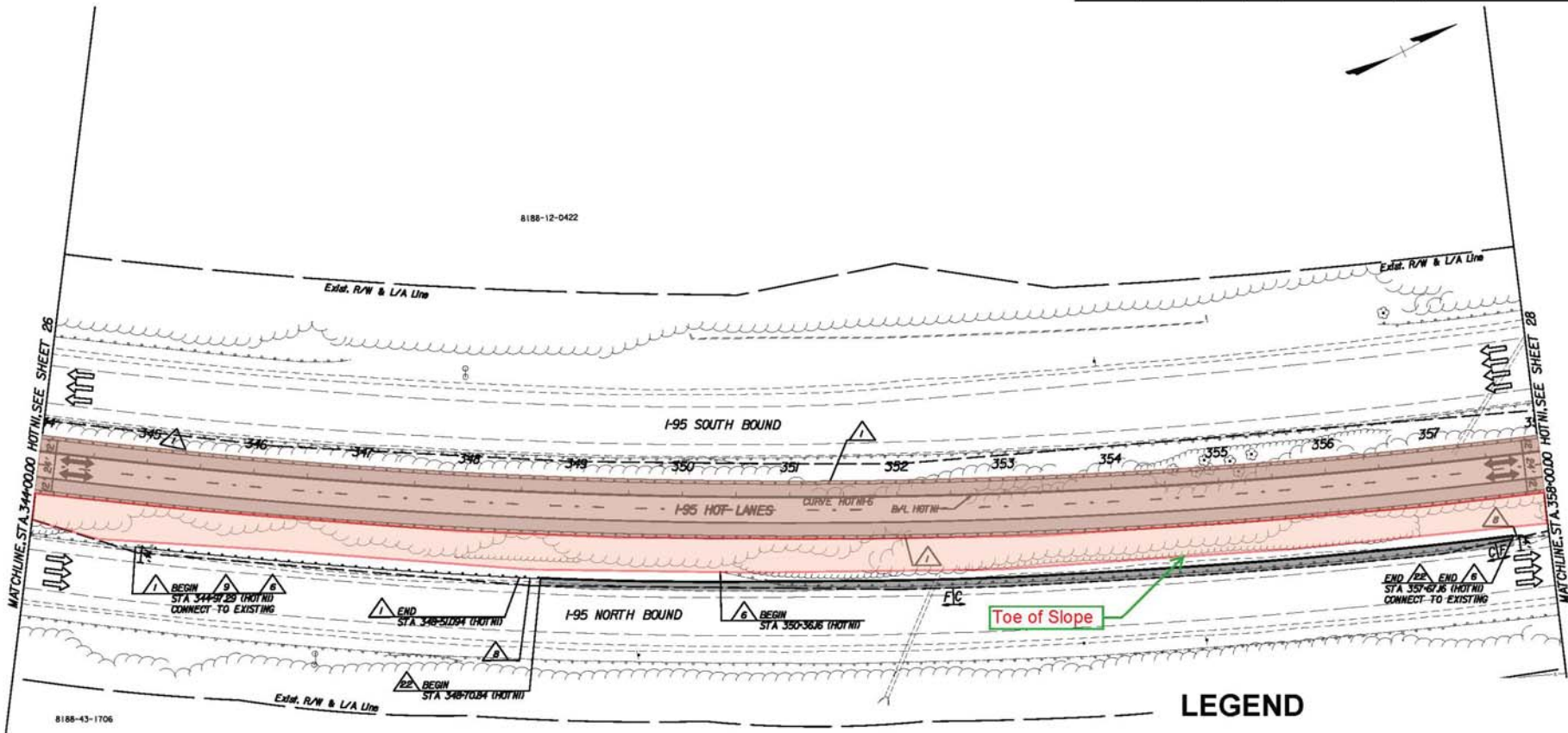


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIENS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6531  
 DESIGNED BY: FLUOR/HTI GLOBAL DESIGN CONSULTANTS, LLC (954) 588-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FHWY NUMBER	PROJECT	ROUTE	DATE	HEET
3	VA		NH-095-2(481)	95	0095-96A-107-P101	27



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve HOT/LS-6  
 PI = 346+54.85  
 DELTA = 25° 50' 52.53" (LT)  
 D = 1'00' 00"  
 T = 134.77'  
 L = 259.479'  
 R = 5729.59'  
 PC = 330+96.68  
 PT = 362+04.48  
 DS = 70 MPH  
 e = 3.6%

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IFU/L/F(2)
Alignment Data	16(1)
Geometric Layout	16(2)
Initial Grading and Drainage	27(1)
Profile	27A
Cross Sections	X10(4) thru X11(2)



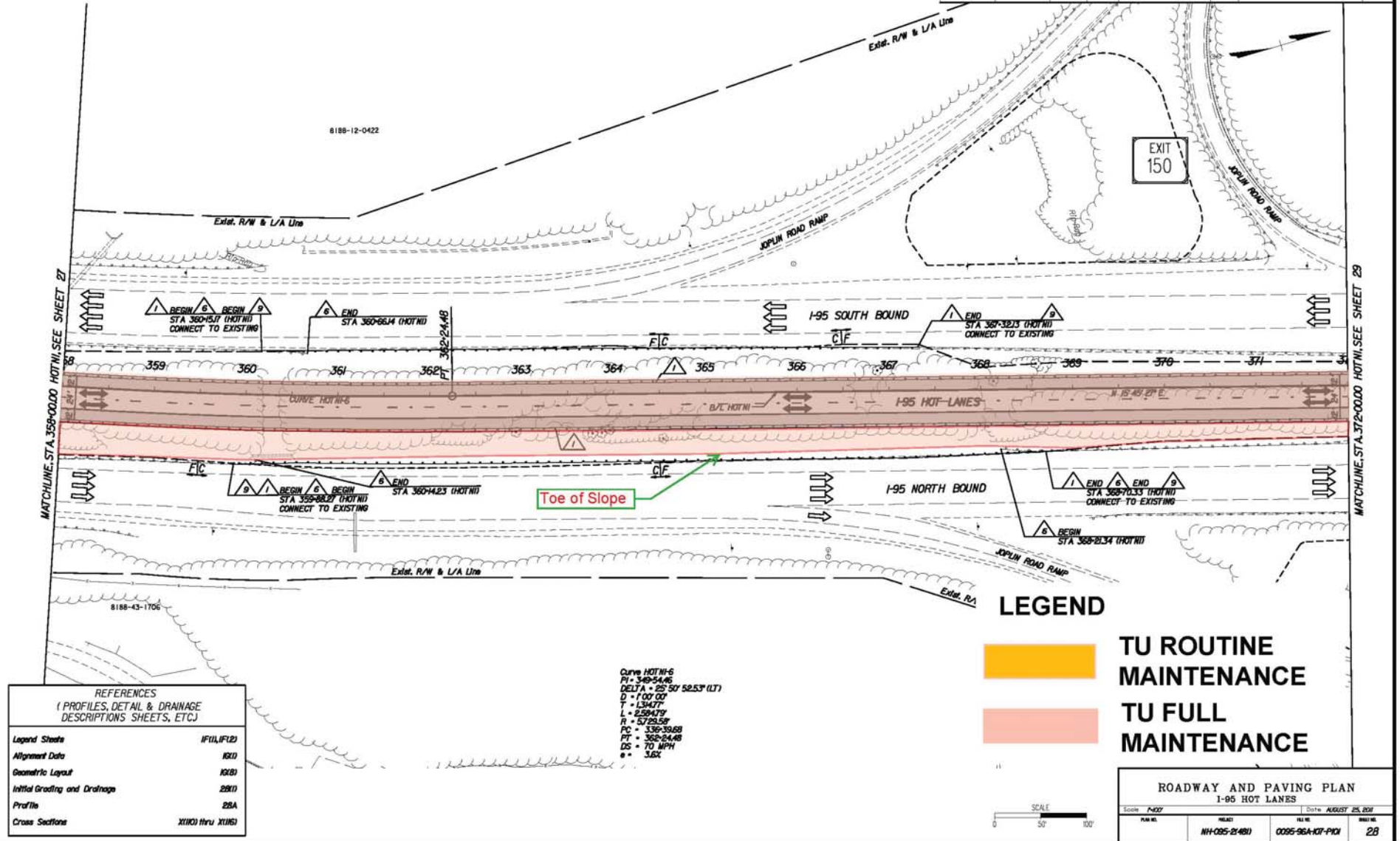
ROADWAY AND PAVING PLAN I-95 HOT LANES		
Scale	DATE	Sheet
1"=100'	AUGUST 25, 2021	27
PLAN NO.	PROJECT	DATE
	NH-095-2(481)	0095-96A-107-P101

Rev.	Date	Description

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 637-5325  
 DESIGN SUPERVISED BY: MIKE TUDMAN (703) 638-6531  
 DESIGNED BY: FLORIAN SOBOL, DESIGN CONSULTANTS, LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV. NO.	STATE	SERIAL NO.	PROJECT	ROUTE	STATE	DATE	REVISION
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		28	



Rev.	Date	Description

REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

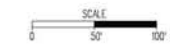
Legend Sheets	IF(1), IF(2)
Alignment Data	16(1)
Geometric Layout	16(2)
Initial Grading and Drainage	28(1)
Profile	28A
Cross Sections	X1(1) thru X1(5)

Curve HOT-N-6  
 PI = 349+54.46  
 DELTA = 25° 50' 52.53" (LT)  
 D = 100.00'  
 T = 134.07'  
 L = 258.479'  
 R = 5729.58'  
 PC = 336+19.68  
 PT = 362+24.48  
 DS = 70 MPH  
 e = 3.6%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE



ROADWAY AND PAVING PLAN  
I-95 HOT LANES

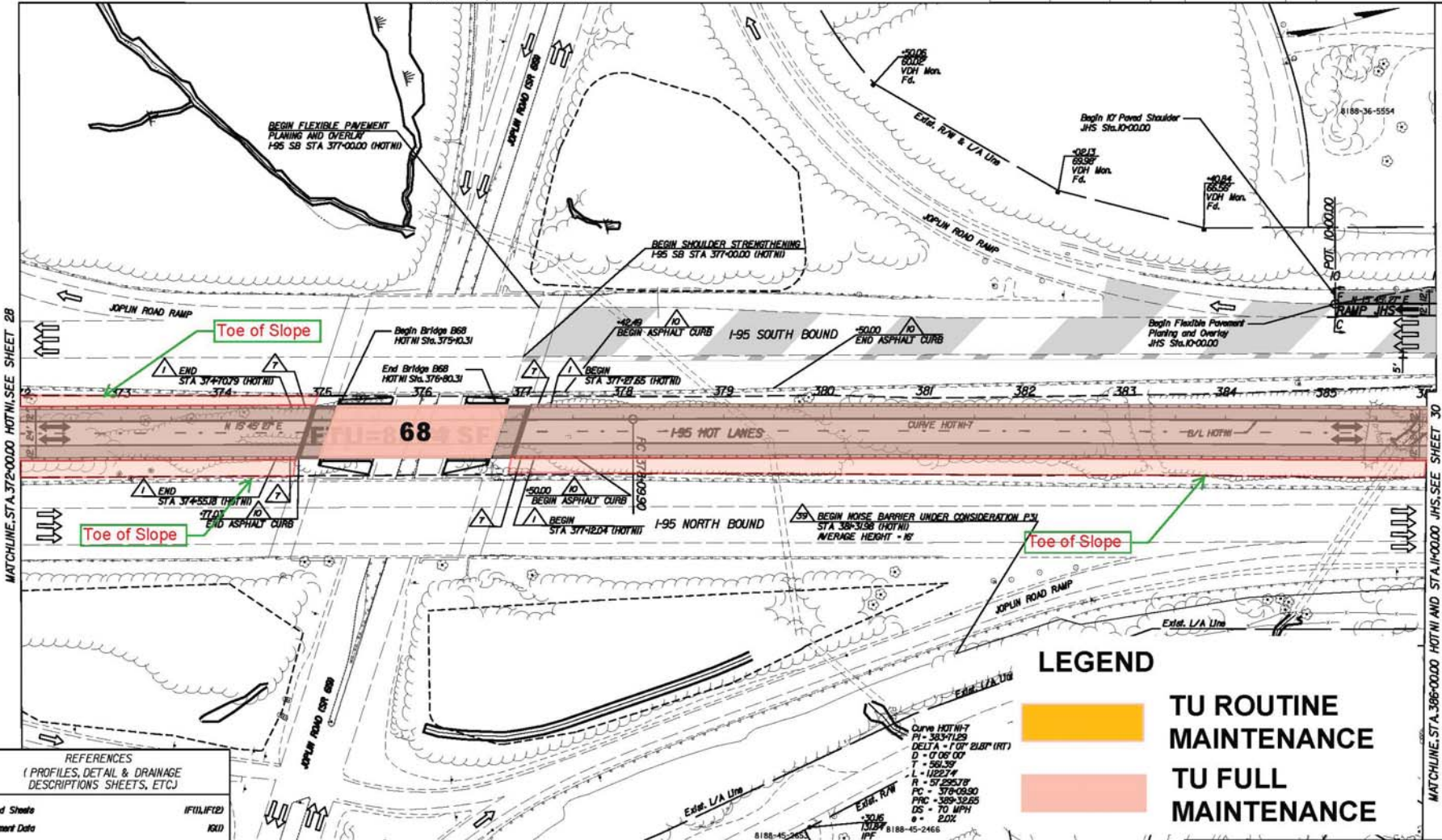
Scale	1"=50'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
FILE NO.		DATE	28

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (703) 639-6531  
 DESIGNED BY: FLORIAN SOBAN, DESIGN CONSULTANTS, LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	SHEET	ROAD NO.	STATE	SERIAL NO.	PROJECT	ROUTE	DATE	PROJECT	NO.
	3	VA	NH-095-2(481)	95	0095-96A-107-P101				29

MATCHLINE, SEE SHEET 36(4)



MATCHLINE, STA. 372+00.00 HOTNI, SEE SHEET 28

MATCHLINE, STA. 386+00.00 HOTNI AND STA. 10+00.00 JHS, SEE SHEET 30

Rev.	Date	Description

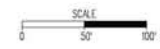
REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	16(1)
Geometric Layout	16(2), 16(3)
Initial Grading and Drainage	25(1)
Profiles	29A, 29B
Cross Sections	X1(16) thru X1(22) and X1(25)

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

Curve HOTNI-7  
 PI = 363+71.25  
 DELTA = 110° 21.87' (RT)  
 D = 0' 06" 00"  
 T = 560.39'  
 L = 1125.74'  
 R = 57' 255.78"  
 PC = 376+09.90  
 PTC = 389+39.65  
 OS = TO MPH  
 e = 2.0X  
 1318' 1188-45-2466



ROADWAY AND PAVING PLAN  
I-95 HOT LANES

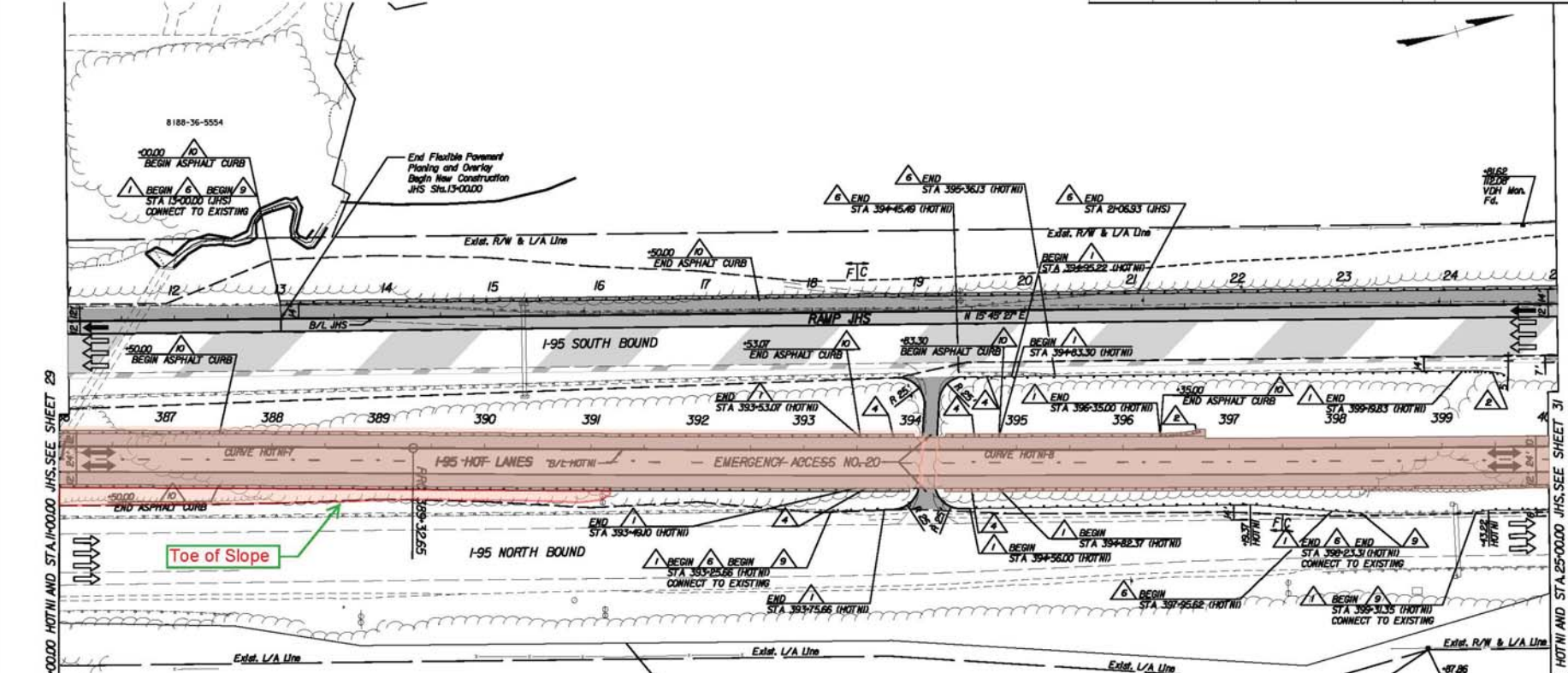
Scale	1"=20'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
			29

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMAS (703) 631-5325  
 DESIGN SUPERVISED BY: MIKE TUGMAN (703) 632-6331  
 DESIGNED BY: FLORIAN SOBAN, DESIGN CONSULTANTS, LLC (904) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	PLAN NO.	STATE	SECTIONAL PROJECT	ROUTE	DATE	PROJECT	SCALE
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		30



LEGEND

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

REFERENCES  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	10(1)
Geometric Layout	10(9)
Initial Grading and Drainage	30(1)
Profiles	30A, 30B
Cross Sections	X1(22) thru X1(27) and X1(89) thru X1(94)

Curve HOTN-7  
 PI = 383712.29  
 DELTA = 1.07° 21.87' (RT)  
 D = 0.06' CO  
 T = 561.39'  
 L = 1122.74'  
 R = 57.256378'  
 PC = 37808.90  
 PRC = 38932.65  
 DS = 70 MPH  
 e = 2.0%

Curve HOTN-8  
 PI = 394940.3  
 DELTA = 1.07° 21.87' (LT)  
 D = 0.06' CO  
 T = 561.39'  
 L = 1122.74'  
 R = 57.256378'  
 PC = 38932.65  
 PT = 40055.39  
 DS = 70 MPH  
 e = 2.0%

ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

Scale	DATE	DATE
1"=20'	AUGUST 25, 2011	
PLAN NO.	PROJECT	SCALE
NH-095-2(481)	0095-96A-107-P101	30



Rev.	Date	Description

MATCHLINE STA. 386+00.00 HOTN AND STA. 1000.00 I-95 SEE SHEET 28

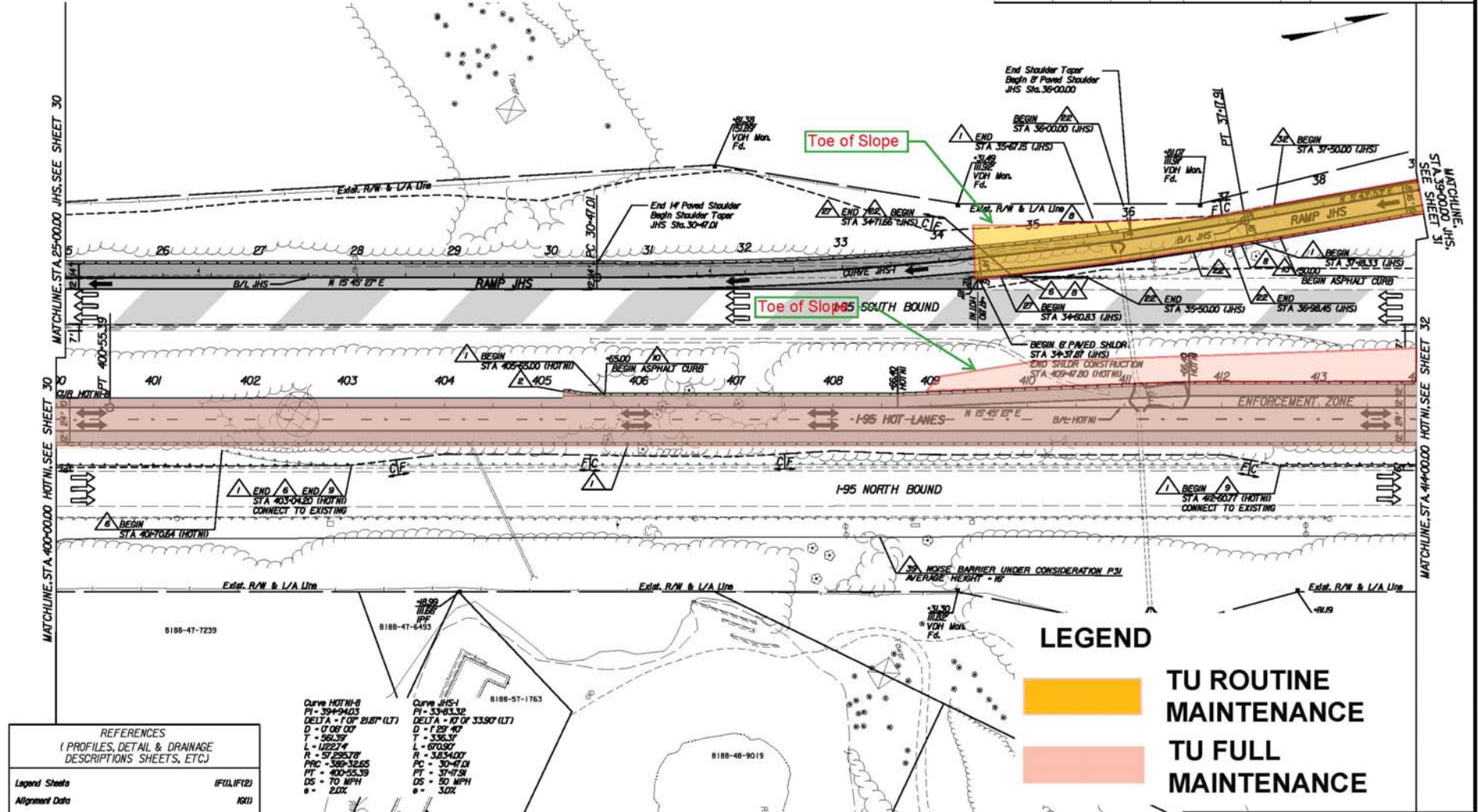
MATCHLINE STA. 400+00.00 HOTN AND STA. 25+00.00 I-95 SEE SHEET 31

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (703) 631-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 828-6331  
 DESIGNED BY: FLORIAN SOBOL, DESIGN CONSULTANTS LLC (954) 588-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV.	STATE	PROJECT	ROUTE	DATE	BY
		3	VA	NH-095-2(481)	95	0095-96A-107-P101	3/



Rev.	Date	Description

**REFERENCES**  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	16(1)
Geometric Layout	16(5)
Initial Grading and Drainage	36(1)
Profiles	31A, 31B
Cross Sections	X11(27) thru X11(33) and X11(94) thru X11(96)

**Curve HOTN-8**  
 PI = 394+94.03  
 DELTA = 1° 07' 21.81" (LT)  
 D = 0' 06" 00"  
 T = 568.39'  
 L = 1225.74'  
 R = 57295.78'  
 PRC = 589+32.65  
 PT = 400+55.39  
 DS = 70 MPH  
 e = 2.0%

**Curve JHS-1**  
 PI = 33463.32  
 DELTA = 17° 07' 33.90" (LT)  
 D = 1' 29" 40"  
 T = 336.31'  
 L = 670.87'  
 R = 3434.00'  
 PRC = 30+47.01  
 PT = 37+17.51  
 DS = 50 MPH  
 e = 3.0%

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

**ROADWAY AND PAVING PLAN**  
 I-95 HOT LANES

Scale: 1"=20'	Date: AUGUST 25, 2011
PLAN NO. NH-095-2(481)	SHEET NO. 0095-96A-107-P101
	3/

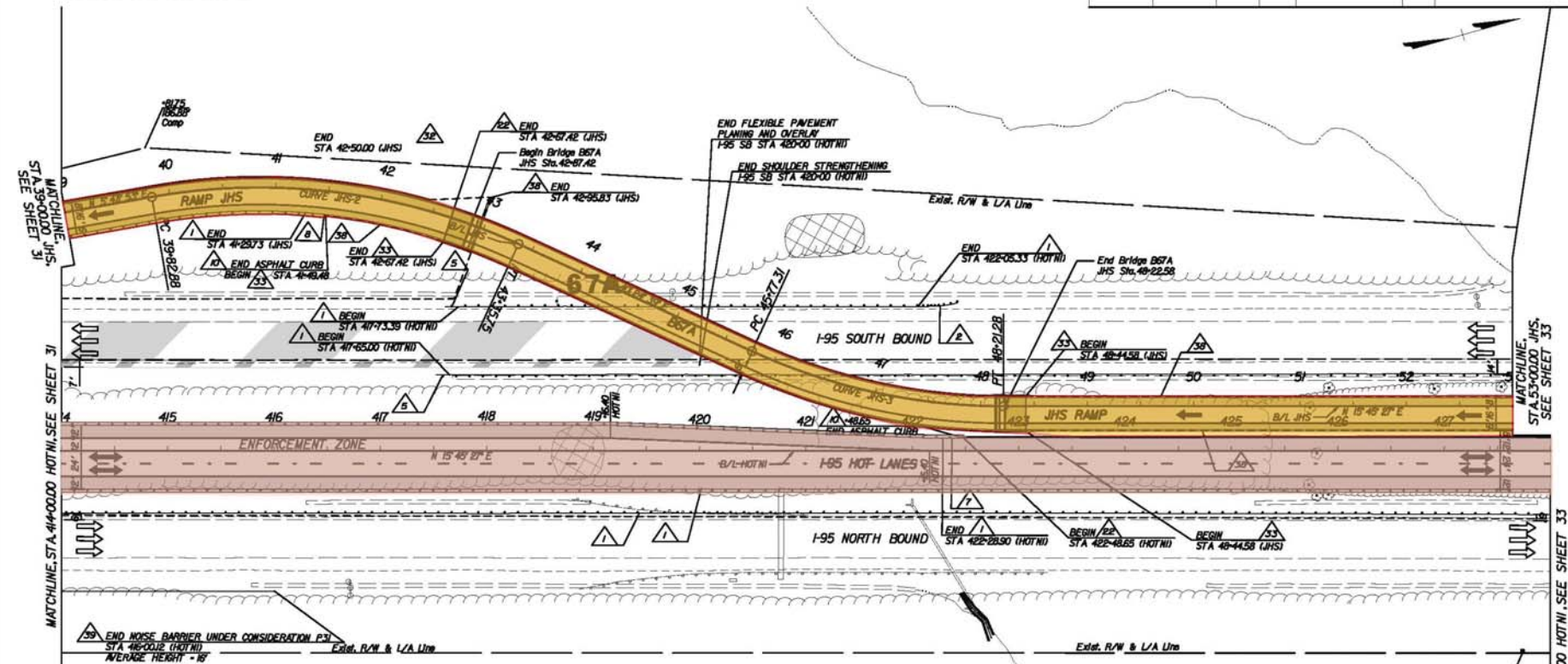


LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 16, 2021

PROJECT MANAGER JOHN THOMAS (703) 647-7528  
 SURVEYED BY RICHARD ZIEMAS (703) 639-5325  
 DESIGN SUPERVISED BY MIKE TUDMAN (787) 828-6331  
 DESIGNED BY FLUOR/HTW GLOBAL DESIGN CONSULTANTS, LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

REGION	STATE	FUND SOURCE	ROUTE	PROJECT	SHEET NO.
3	VA	NH-095-2(481)	95	0095-96A-107-P101	32



**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

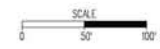
Rev.	Date	Description

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	10(1)
Geometric Layout	10(5)
Initial Grading and Drainage	32(1)
Profiles	32A, 32B
Cross Sections	X1(33) thru X1(39) and X1(59) thru X1(204)

**Curve JHS-2**  
 PI = 47+64.91  
 DELTA = 34+40' 45.71" (RT)  
 D = 5+49' 4.7"  
 T = 182.03'  
 L = 352.89'  
 R = 583.00'  
 PC = 39+82.88  
 PT = 43+357.5  
 DS = 35 MPH  
 e = -7.0%

**Curve JHS-3**  
 PI = 47+01.21  
 DELTA = 24+39' 11.80" (LT)  
 D = 17' 06" 18"  
 T = 123.50'  
 L = 243.99'  
 R = 557.00'  
 PC = 45+77.31  
 PT = 49+21.28  
 DS = 35 MPH  
 e = -7.0%



**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

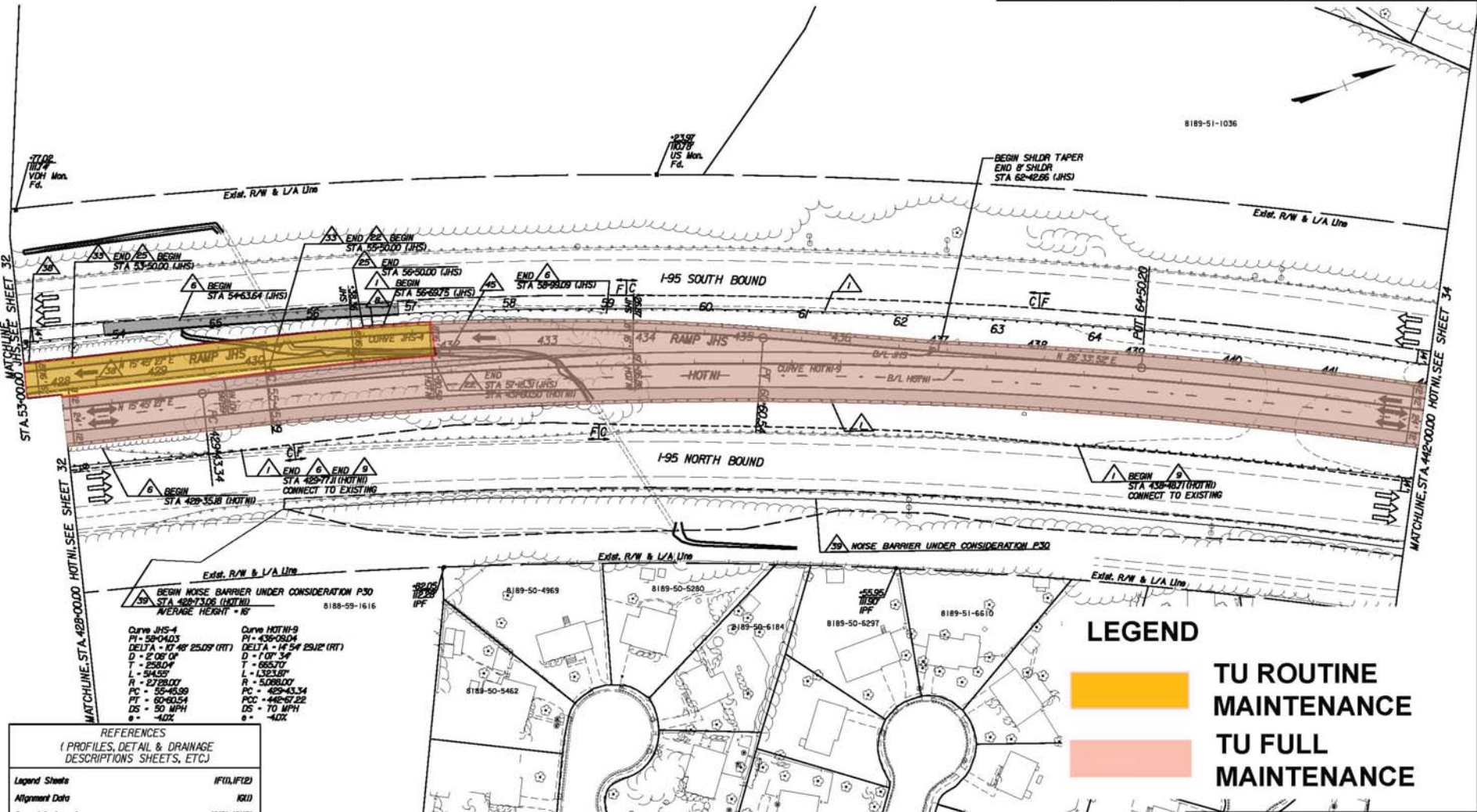
Scale	1"=100'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	FILE NO.	0095-96A-107-P101
		SHEET NO.	32

LIMITED ACCESS HIGHWAY By Resolution of Highway Commission dated January 26, 2021

PROJECT MANAGER: JOHN THOMAS (703) 641-7528  
 SURVEYED BY: RICHARD ZIENS (703) 639-5345  
 DESIGN SUPERVISED BY: MIKE TUGMAN (787) 898-6531  
 DESIGNED BY: FLOOR/NER/GOBIL/DESIGN CONSULTANTS, LLC (954) 598-8900

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DIST.	ROAD NO.	STATE	SUBJECT	ROUTE	DATE	PROJECT	NO.
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		33



Curve	PI	DELTA	D	T	L	R	PC	PT	DS	e
Curve JHS-4	59+040.3	107° 49' 25.09" (RT)	2' 06" 0"	258.04'	544.58'	2728.00'	55+43.99	60+60.54	50 MPH	-4.0%
Curve HOTN-9	436+080.4	147° 54' 29.12" (RT)	1' 07" 3"	665.70'	1332.89'	5208.00'	429+43.34	446+57.22	70 MPH	-4.0%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

**REFERENCES**  
(PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	NR(1)
Geometric Layout	NR(1), NR(1)
Initial Grading and Drainage	33(1)
Profiles	33A, 33B
Cross Sections	X1139) thru X1144) and X1204) thru X1208)

**ROADWAY AND PAVING PLAN**  
I-95 HOT LANES

Scale	1"=20'	Date	AUGUST 25, 2011
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
		SHEET NO.	33

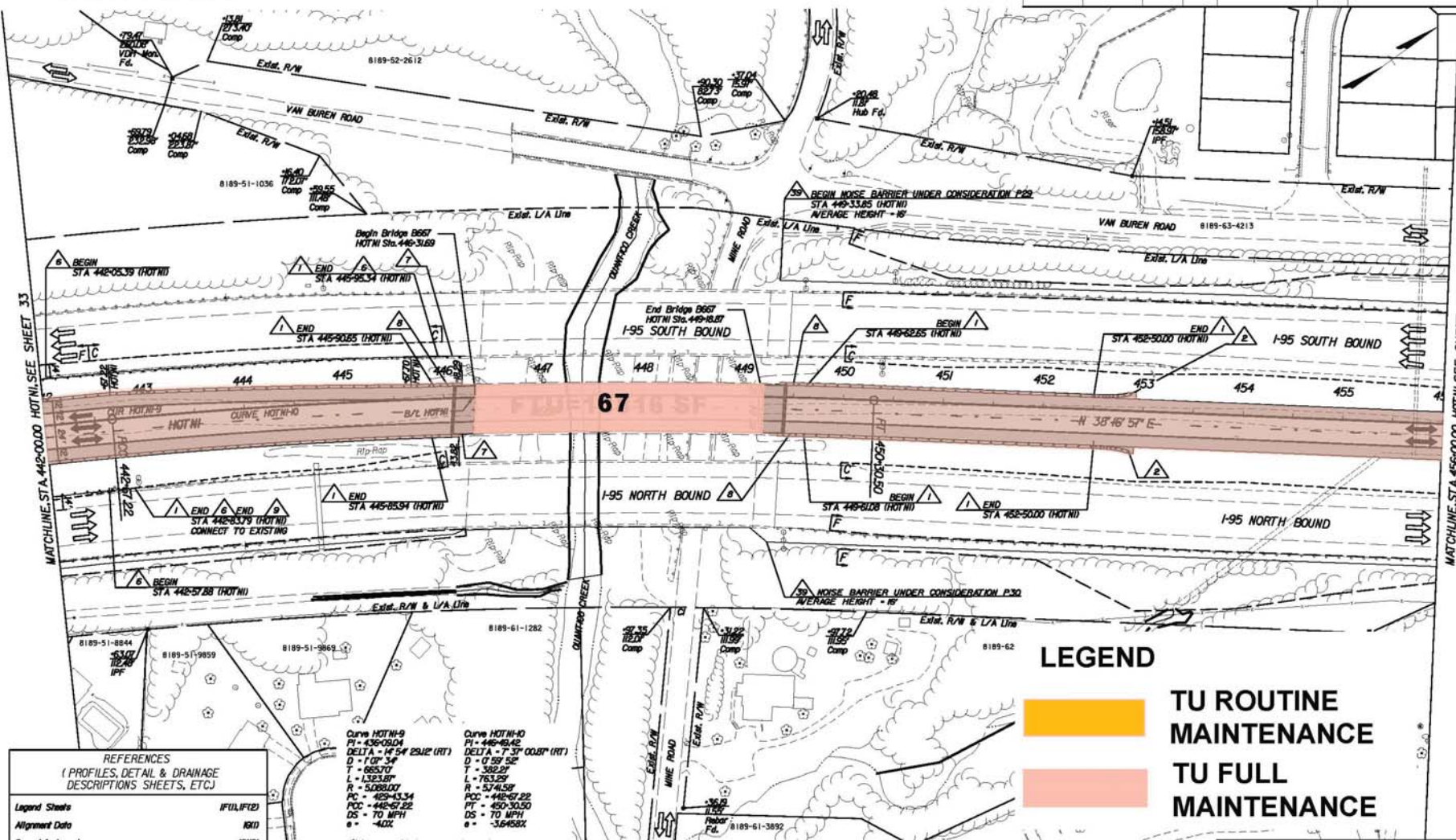


Rev.	Date	Description

PROJECT MANAGER: JOHN THOMAS (703) 647-7528  
 SURVEYED BY: RICHARD ZIEMIS (703) 639-5325  
 DESIGN SUPERVISED BY: MIKE TUMMAN (787) 898-6331  
 DESIGNED BY: FLORIAN SOBAN, DESIGN CONSULTANTS LLC (954) 598-8000

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.

SECTION	DATE	REV. NO.	STATE	PROJECT	ROUTE	DATE	SCALE	BY
		3	VA	NH-095-2(481)	95	0095-96A-107-P101		34



Rev.	Date	Description

REFERENCES  
 (PROFILES, DETAIL & DRAINAGE DESCRIPTIONS SHEETS, ETC.)

Legend Sheets	IF(1), IF(2)
Alignment Data	18(1)
Geometric Layout	18(1)(1)
Initial Grading and Drainage	34(1)
Profile	34A
Cross Sections	X1(4) thru X1(7)

Curve HOTN-9  
 PI - 436-09.04  
 DELTA = 14° 54' 29.12" (RT)  
 D = 170' 5.4"  
 T = 655.70'  
 L = 1323.87'  
 R = 5028.00'  
 POC = 442-43.34  
 PT = 442-67.22  
 DS = 70 MPH  
 e = -4.0%

Curve HOTN-10  
 PI - 446-49.42  
 DELTA = 7° 37' 00.87" (RT)  
 D = 0' 159' 5.2"  
 T = 388.27'  
 L = 783.29'  
 R = 5748.59'  
 POC = 442-67.22  
 PT = 450-30.50  
 DS = 70 MPH  
 e = -3.6450%

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

ROADWAY AND PAVING PLAN  
 I-95 HOT LANES

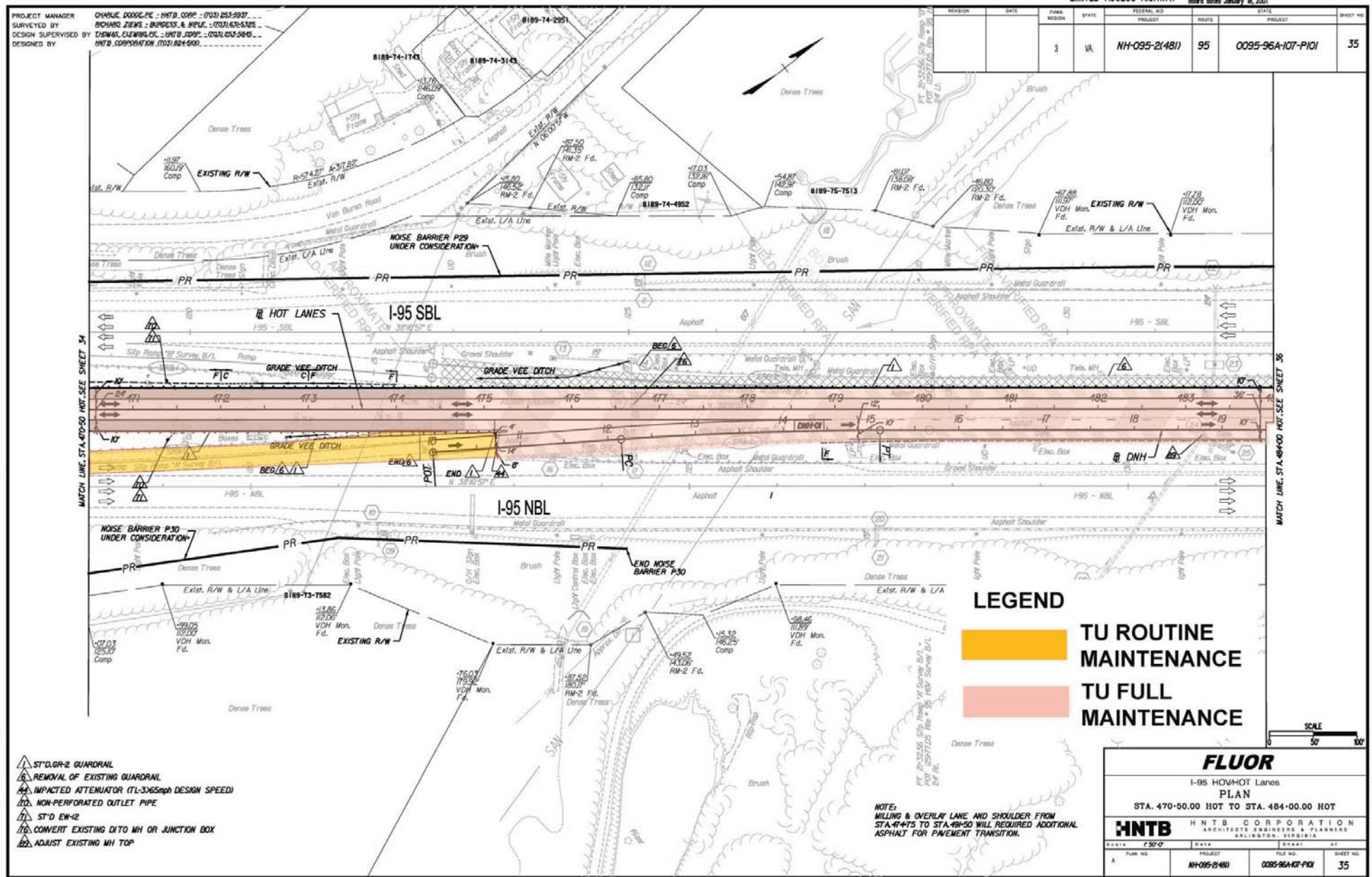
Scale	1"=20'	Date	AUGUST 25, 2021
PLAN NO.	NH-095-2(481)	PROJECT	0095-96A-107-P101
SHEET NO.		TOTAL SHEETS	34





REVISION	DATE	PLAN REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
		3	VA	NH-095-2(481)	95	0095-96A-107-PI01	35

PROJECT MANAGER: CHARLIE DODD, PE - HNTB CORP. - (703) 253-5937  
 SURVEYED BY: RICHARD ZIEKS - SURPASS & INGLE - (703) 431-5125  
 DESIGN SUPERVISED BY: EDWARD CLEWELL, PE - HNTB CORP. - (703) 253-5815  
 DESIGNED BY: HNTB CORPORATION (703) 824-9000



Rev.	Description

- ▲ ST'D. OR-2 GUARDRAIL
- ⊖ REMOVAL OF EXISTING GUARDRAIL
- ⊖ IMPACTED ATTENUATOR (TL-3X65mph DESIGN SPEED)
- ⊖ NON-PERFORATED OUTLET PIPE
- ⊖ ST'D. EM-2
- ⊖ CONVERT EXISTING DITO MH OR JUNCTION BOX
- ⊖ ADJUST EXISTING MH TOP

**FLUOR**

I-95 HOV-HOT Lanes  
 PLAN  
 STA. 470+00.00 HOT TO STA. 484+00.00 HOT

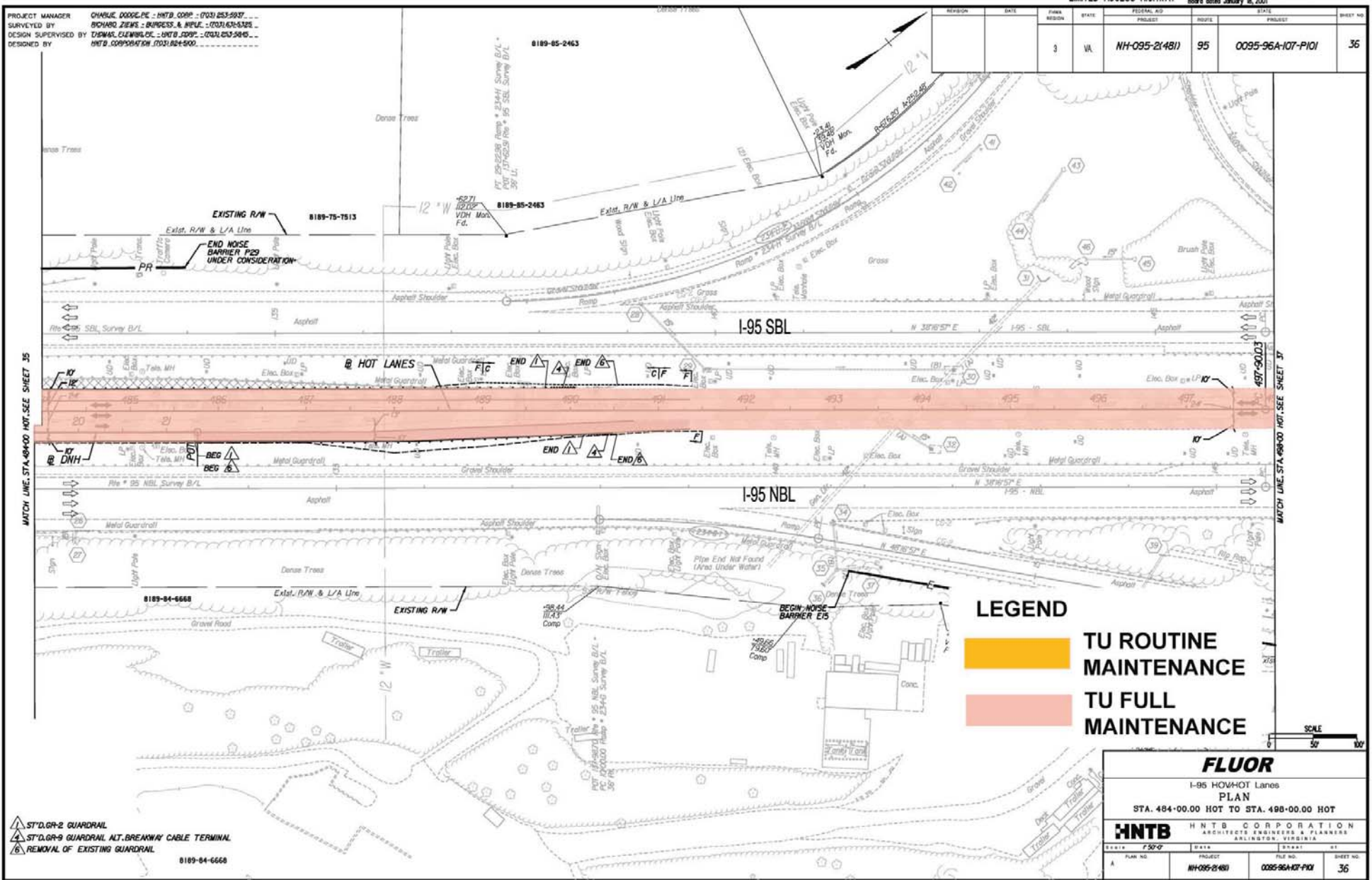
**HNTB** HNTB CORPORATION  
 ARCHITECTS, ENGINEERS & PLANNERS  
 ARLINGTON, VIRGINIA

SCALE	50'
PLAN NO.	NH-095-2(481)
PROJECT	0095-96A-107-PI01
FILE NO.	
SHEET NO.	35

**LIMITED ACCESS HIGHWAY** By Resolution of Commonwealth Transportation Board dated January 18, 2001

REVISION	DATE	PLAN REGION	STATE	FEDERAL AID PROJECT	ROUTE	DATE	PROJECT	SHEET NO.
		3	VA	NH-095-2(481)	95	0095-96A-107-PI01		36

PROJECT MANAGER: CHARLIE DODGE-PC - HNTB CORP. - (703) 253-5937  
 SURVEYED BY: RICHARD ZIEKS - BURGESS & NIPLE - (703) 431-5325  
 DESIGN SUPERVISED BY: EDWARD ELEMING, P.E. - HNTB CORP. - (703) 253-5815  
 DESIGNED BY: HNTB CORPORATION (703) 824-9000



Rev.	Date	Description

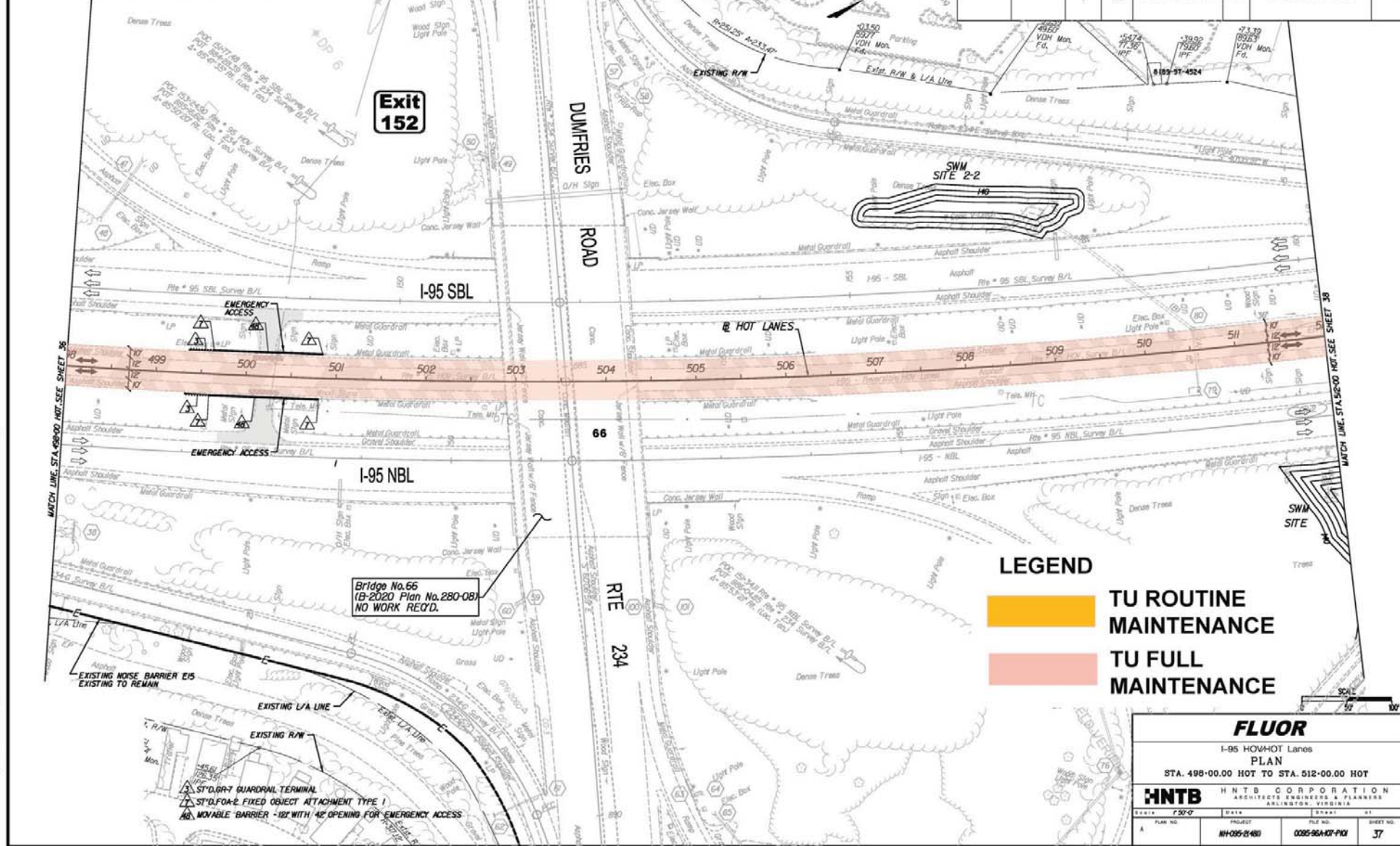
- ST'D.GR-2 GUARDRAIL
- ST'D.GR-9 GUARDRAIL ALT.BREAKWAY CABLE TERMINAL
- REMOVAL OF EXISTING GUARDRAIL

8189-84-6668

<b>FLUOR</b>			
I-95 HOV-HOT Lanes			
PLAN			
STA. 484-00.00 HOT TO STA. 498-00.00 HOT			
<b>HNTB</b>		HNTB CORPORATION	
ARCHITECTS, ENGINEERS & PLANNERS		ARLINGTON, VIRGINIA	
SCALE: 1"=50'-0"	DATE:	DRAWN BY:	BT
PLAN NO. NH-095-2(481)	PROJECT:	FILE NO. 0095-96A-107-PI01	SHEET NO. 36

REVISION	DATE	PKA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
		3	VA	NH-095-2(481)	95	0095-96A-107-PI01	37

PROJECT MANAGER: CHARLIE DODD, P.E. - HNTB, CORP. - (703) 253-9937  
 SURVEYED BY: RICHARD ZIEMAS - BURNS & MCDONNELL - (703) 431-5125  
 DESIGN SUPERVISED BY: THOMAS CLEWELL, P.E. - HNTB, CORP. - (703) 253-5845  
 DESIGNED BY: HNTB CORPORATION (703) 824-9000



Rev.	Date	Description

Bridge No. 66  
 (B-2020 Plan No. 280-08)  
 NO WORK REQ'D.

**LEGEND**

TU ROUTINE MAINTENANCE

TU FULL MAINTENANCE

**FLUOR**  
 I-95 HOV-HOT Lanes  
 PLAN  
 STA. 498-00.00 HOT TO STA. 512-00.00 HOT

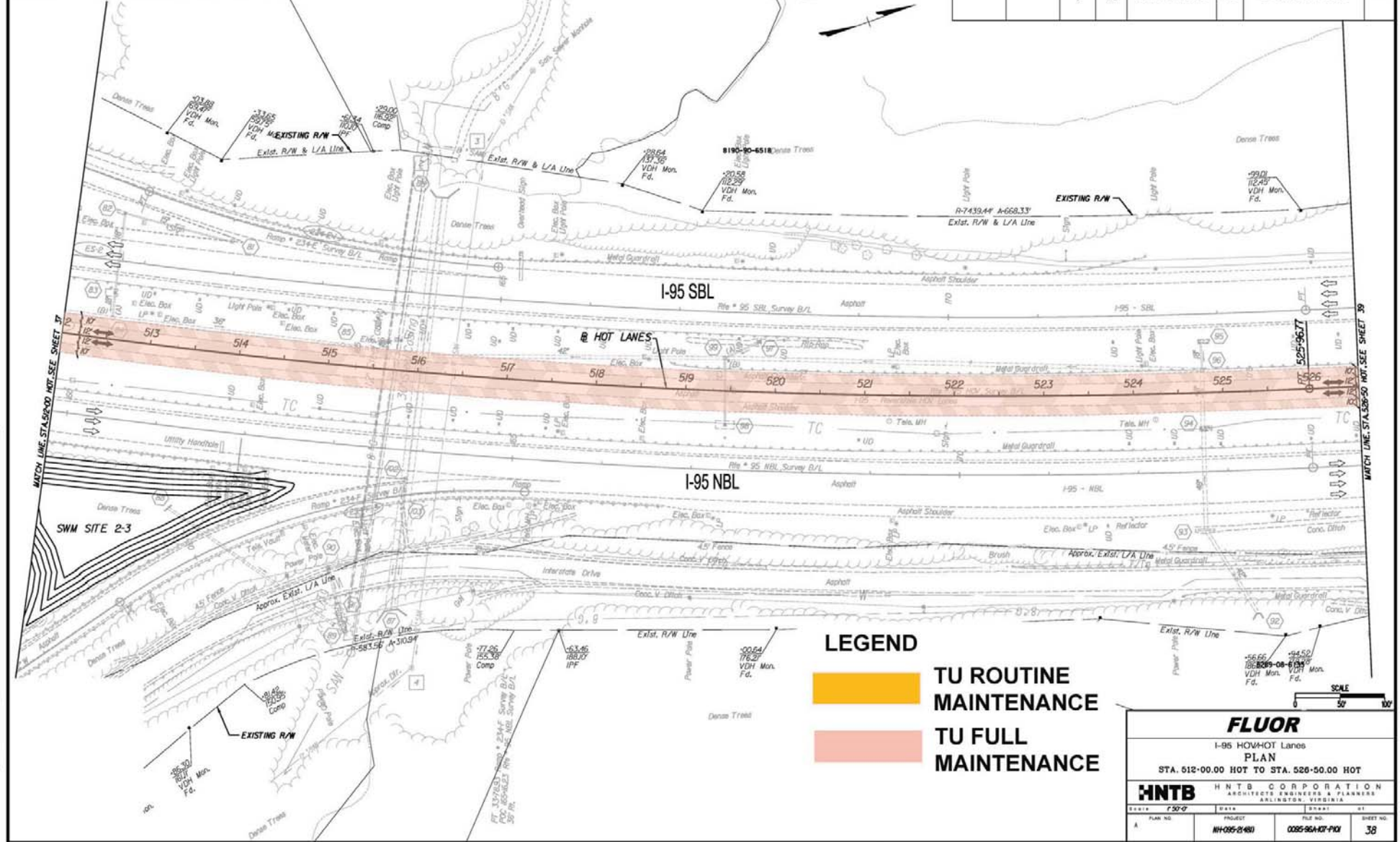
**HNTB** HNTB CORPORATION  
 ARCHITECTS, ENGINEERS & PLANNERS  
 ARLINGTON, VIRGINIA

SCALE: 1"=50'-0"	DATE: 08-10-11	BY: [Signature]
PLAN NO. NH-095-2(481)	PROJECT: 0095-96A-107-PI01	SHEET NO. 37

**LIMITED ACCESS HIGHWAY** By Resolution of Commonwealth Transportation Board dated January 18, 2001

REVISION	DATE	FED. AID	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
3		VA		NH-095-2(481)	95	0095-96A-107-PI01	38

PROJECT MANAGER: CHARLIE DOUGLASS - HNTB CORP. - (703) 253-5937  
 SURVEYED BY: RICHARD ZIEGLER - BURGESS & NIPLE - (703) 431-5325  
 DESIGN SUPERVISED BY: EDWARD CLEMENS - HNTB CORP. - (703) 253-5945  
 DESIGNED BY: HNTB CORPORATION (703) 824-9000



Rev.	Date	Description

**LEGEND**

**TU ROUTINE MAINTENANCE**

**TU FULL MAINTENANCE**

**FLUOR**

I-95 HOV-HOT Lanes  
 PLAN  
 STA. 512+00.00 HOT TO STA. 526+50.00 HOT

**HNTB** HNTB CORPORATION  
 ARCHITECTS, ENGINEERS & PLANNERS  
 ARLINGTON, VIRGINIA

SCALE	1"=50'-0"
PLAN NO.	NH-095-2(481)
PROJECT	0095-96A-107-PI01
FILE NO.	38

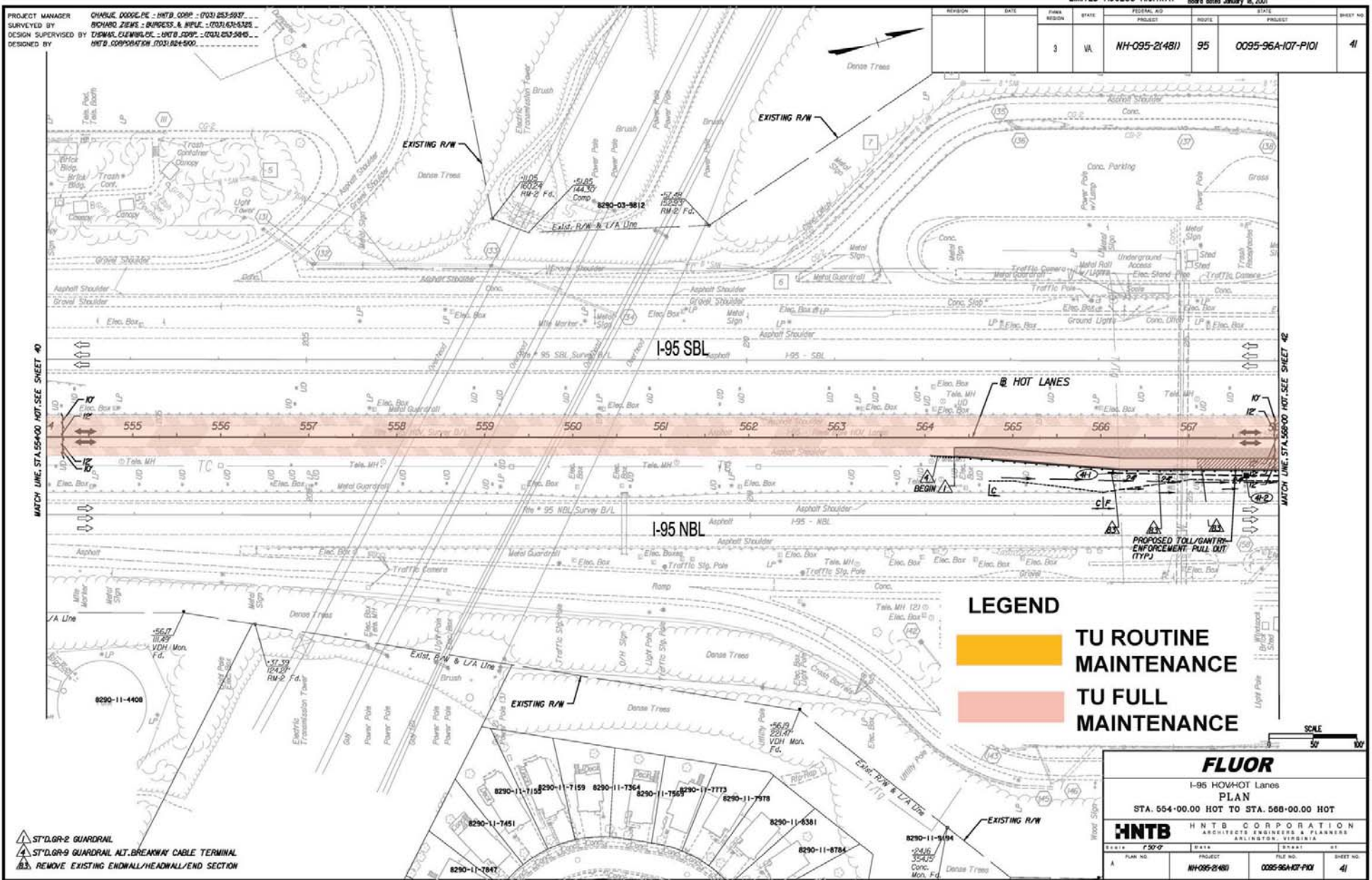




**LIMITED ACCESS HIGHWAY** By Resolution of Commonwealth Transportation Board dated January 18, 2001

REVISION	DATE	PLAN REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
		3	VA.	NH-095-2(481)	95	0095-96A-107-PI01	41

PROJECT MANAGER: CHARLIE DODD, P.E. - HNTB CORP. - (703) 253-5937  
 SURVEYED BY: RICHARD ZIEMAS - BURGESS & NIPLE - (703) 431-5125  
 DESIGN SUPERVISED BY: THOMAS CLEWING, P.E. - HNTB CORP. - (703) 253-5845  
 DESIGNED BY: HNTB CORPORATION (703) 254-9500



Rev.	Date	Description

**LEGEND**

- TU ROUTINE MAINTENANCE
- TU FULL MAINTENANCE

SCALE  
50' = 1" = 100'

**FLUOR**  
 I-95 HOV HOT Lanes  
 PLAN  
 STA. 554+00.00 HOT TO STA. 568+00.00 HOT

**HNTB** HNTB CORPORATION  
 ARCHITECTS, ENGINEERS & PLANNERS  
 ARLINGTON, VIRGINIA

DATE: 7/30/07	DATE:	DATE:	DATE:
PLAN NO. A	PROJECT: NH-095-2(481)	FILE NO.: 0095-96A-107-PI01	SHEET NO.: 41

- ▲ ST'D. GR-2 GUARDRAIL
- ▲ ST'D. GR-9 GUARDRAIL ALT. BREAKWAY CABLE TERMINAL
- ▲ REMOVE EXISTING ENDWALL/HEADWALL/END SECTION