

WBS NO: 2026CPT.01.08.10081, ETC.

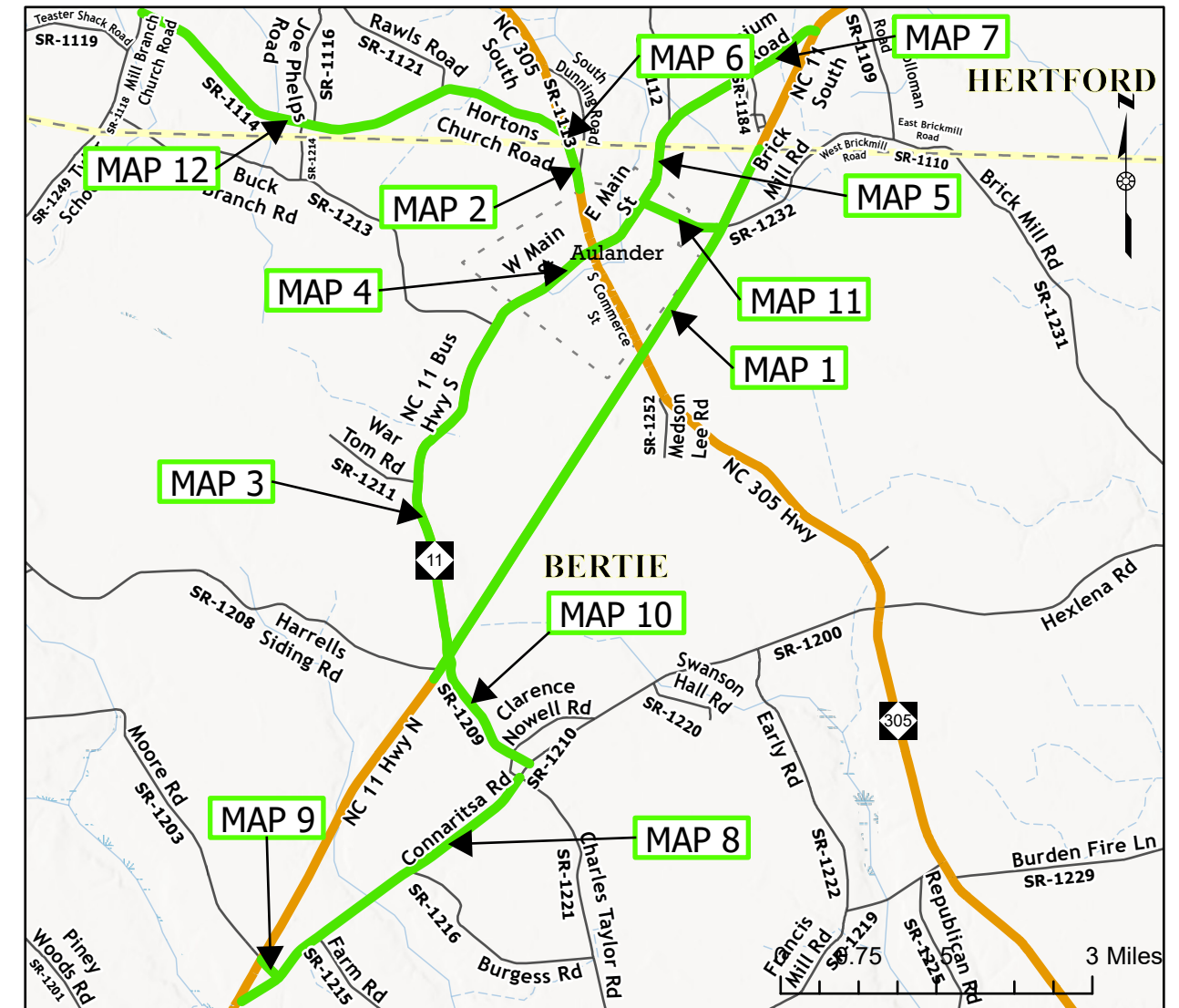
CONTRACT: DA00659

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
BERTIE / HERTFORD**

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2026CPT.01.08.10081, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2026CPT.01.08.10081		P.E., CONST.
2026CPT.01.08.10461		P.E., CONST.
2026CPT.01.08.20081		P.E., CONST.
2026CPT.01.08.20461		P.E., CONST.

TYPE OF WORK: MILLING, RESURFACING, & SHOULDER RECONSTRUCTION

MAP	ROUTE	FROM	TO
01	NC 11	SR 1208 (Harrells Siding Rd)	Hertford Co
02	NC 305	Aulander CL	Hertford Co
03	NC 11 Bus.	NC 11	Aulander CL
04	NC 11 Bus.	Begin C&G	End C&G
05	NC 11 Bus.	Aulander CL	Hertford Co
06	NC 305	Bertie Co	SR 1114 (Hortons Church Rd.)
07	NC 11 (Millenium)	Bertie County Line	NC 11
08	SR 1200 (Connaritsa Rd.)	SR 1221 (Charles Taylor Rd)	Dead End
09	SR 1203 (Moore Rd.)	SR 1200 (Connaritsa Rd)	NC 11
10	SR 1209 (Old NC 11 Bus.)	SR 1200 (Connaritsa Rd.)	NC 11
11	SR 1232 (S Pine Dr.)	NC 11	NC 11 Bus.
12	SR 1114 (Hortons Church Rd.)	NC 305	SR 1118 (Mill Branch Church Rd.)



PROJECT LENGTH

MAP	MILES	MAP	MILES	MAP	MILES
01	4.819	05	0.29	09	0.19
02	0.362	06	0.105	10	1.1
03	3.47	07	1.55	11	0.62
04	1	08	2.791	12	3.74

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
DIVISION CONTRACT ENGINEER

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER

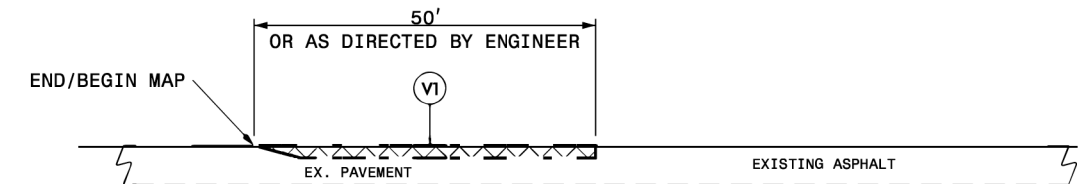


PAVEMENT SCHEDULE

C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
M1	PROP. APPROX. 18" SINUSOIDAL RUMBLE STRIPS (CENTERLINE)
M2	PROP. APPROX. 8" SINUSOIDAL RUMBLE STRIPS (EDGE LINES)

NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * SHOULDER WEDGE SHALL BE USED ON ALL ROADS 22' OR WIDER OR AS DIRECTED BY THE ENGINEER

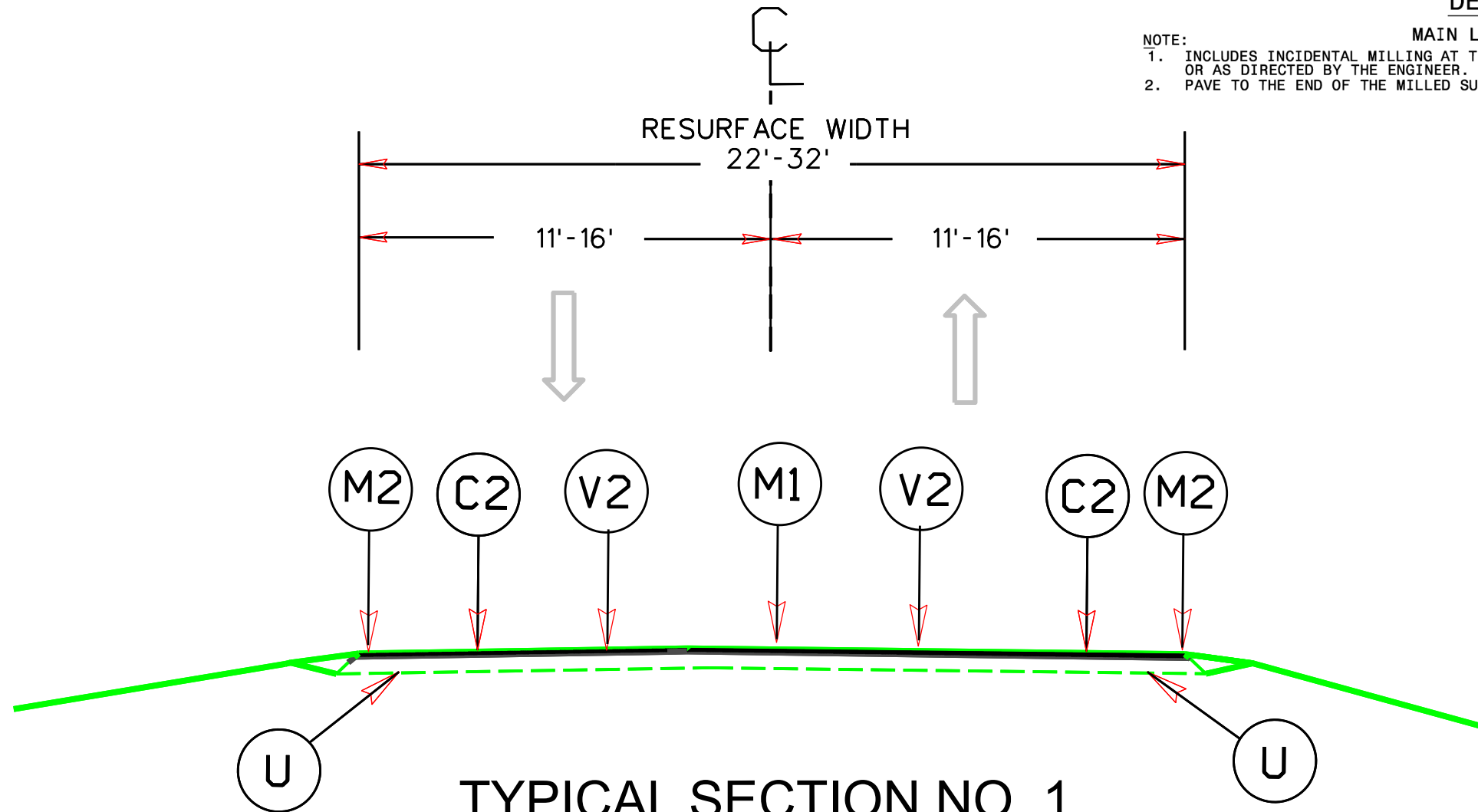


DETAIL 1

MAIN LINE MILLING

NOTE:

1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



TYPICAL SECTION NO. 1

USE WITH MAP #1

SYSTEMS DESIGN
DRAWING
NAME

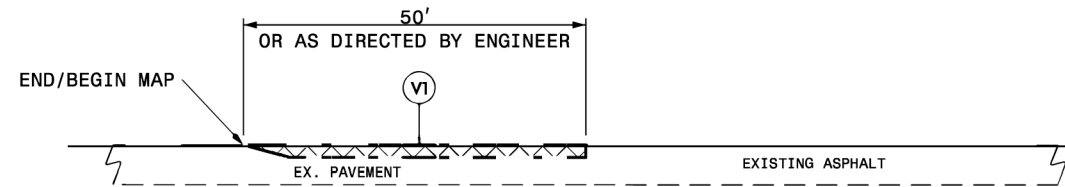
NTS

PAVEMENT SCHEDULE

C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING

NOTES:

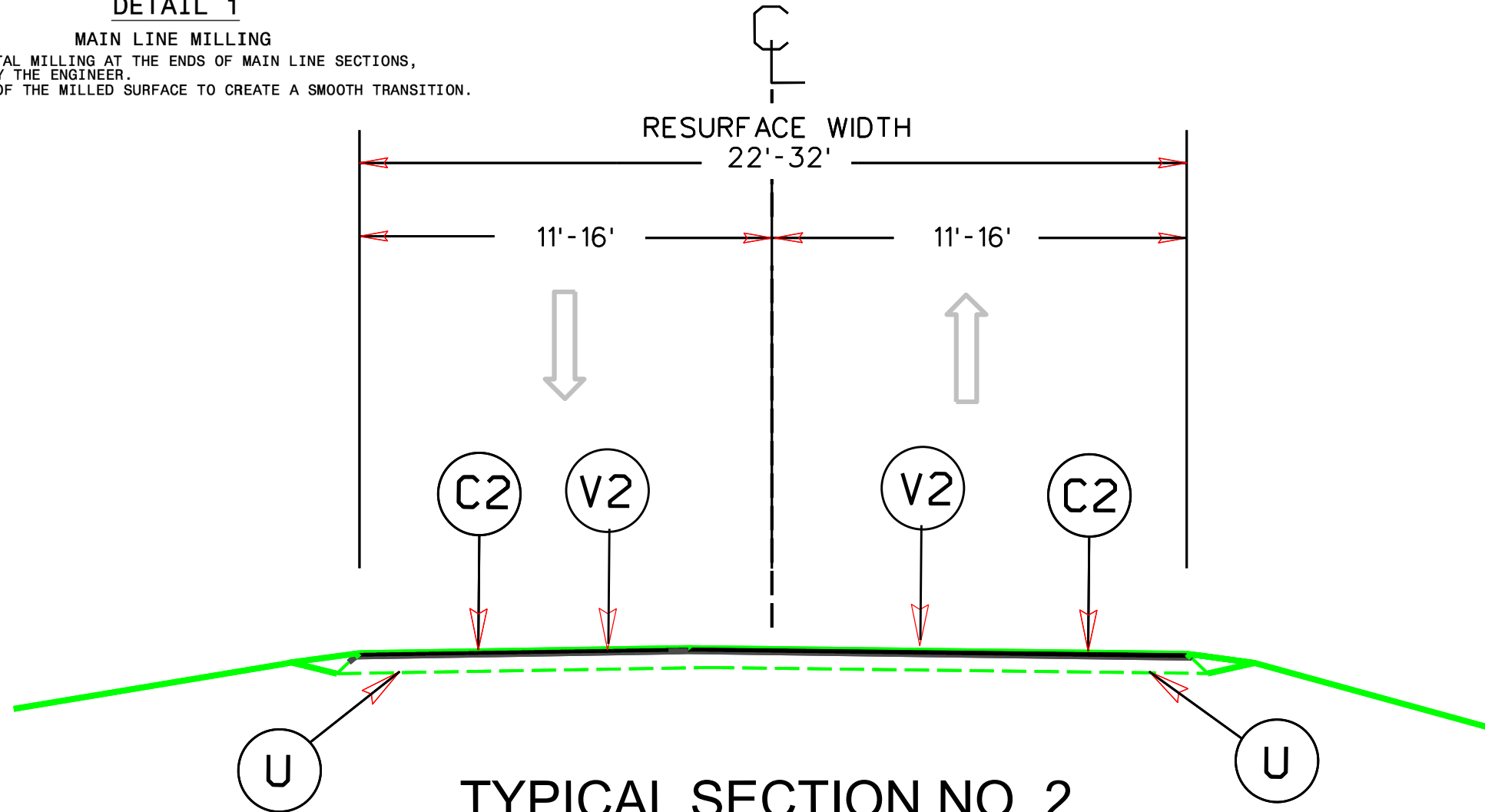
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * SHOULDER WEDGE SHALL BE USED ON ALL ROADS 22' OR WIDER OR AS DIRECTED BY THE ENGINEER



DETAIL 1

MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



TYPICAL SECTION NO. 2

USE WITH MAPS 2 & 3 & 5-7

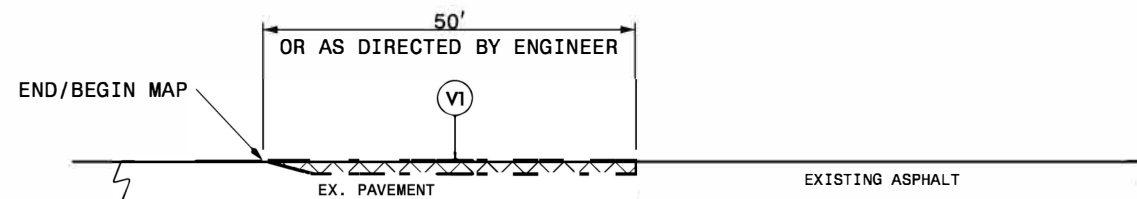
SYSTEMS DESIGN

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
U	EXISTING PAVEMENT
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH

NOTES:

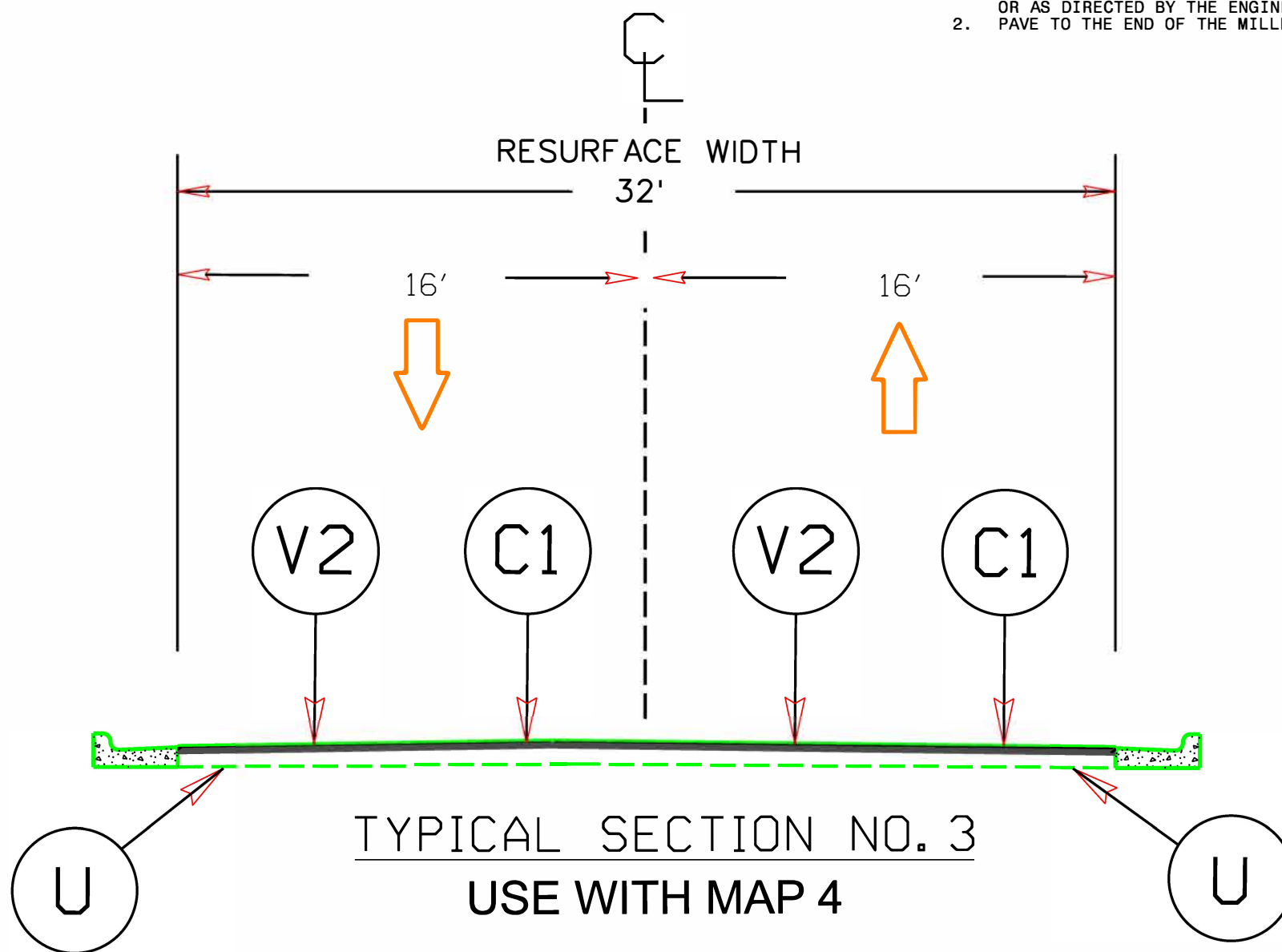
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5C



DETAIL 1

MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.

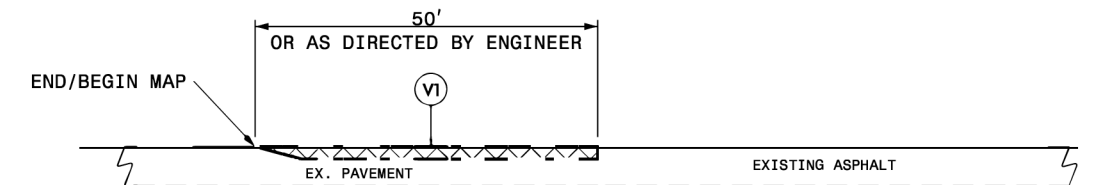


PAVEMENT SCHEDULE

C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	SHOULDER RECONSTRUCTION
V1	INCIDENTAL MILLING

NOTES:

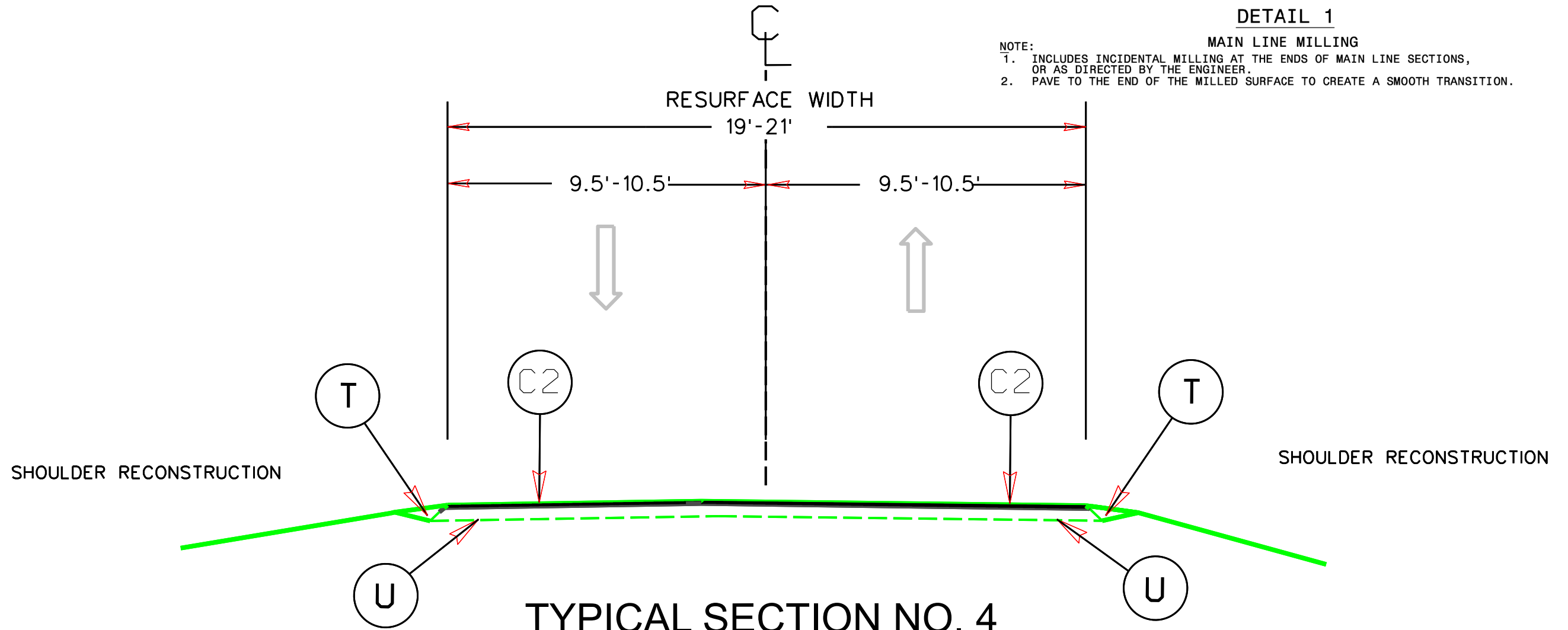
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5B TO BE APPLIED THE FULL WIDTH OF THE ROADWAY



DETAIL 1

MAIN LINE MILLING

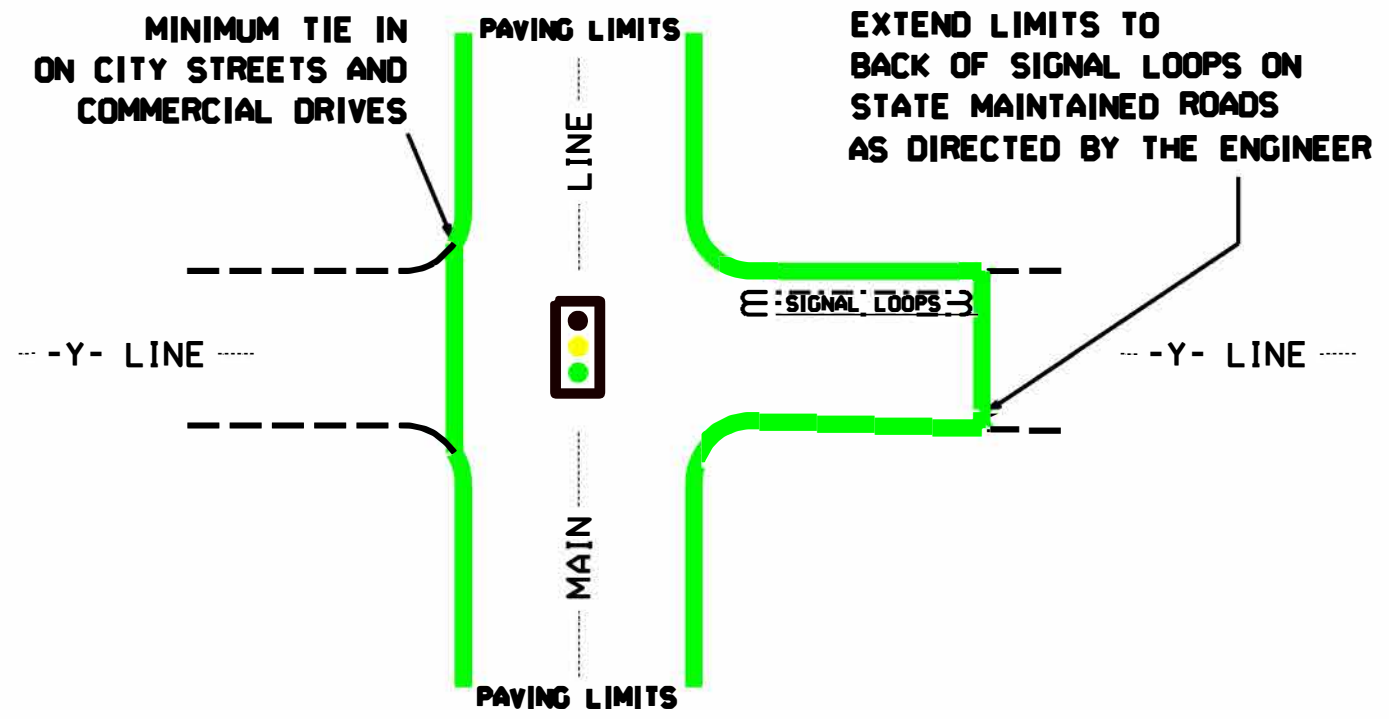
- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



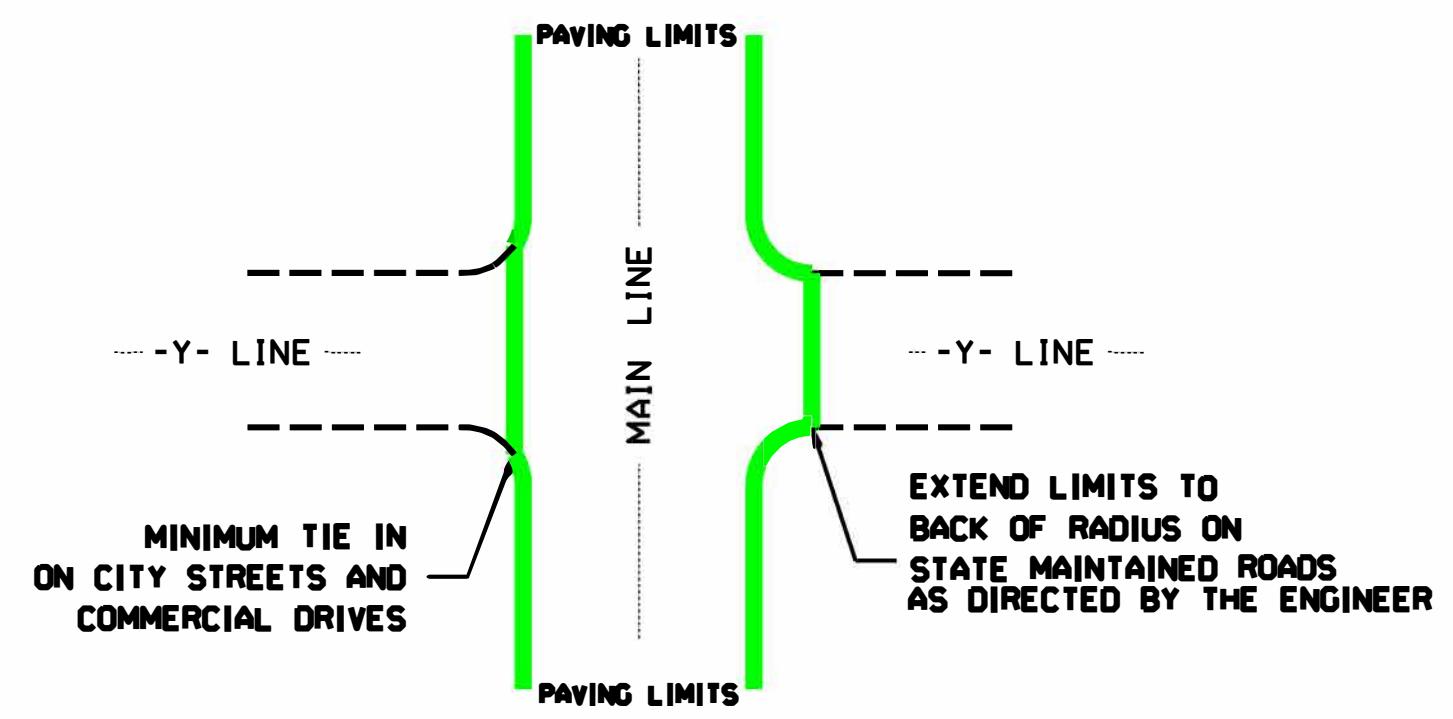
TYPICAL SECTION NO. 4

USE WITH MAPS 8-12

SYSTEMS DESIGN



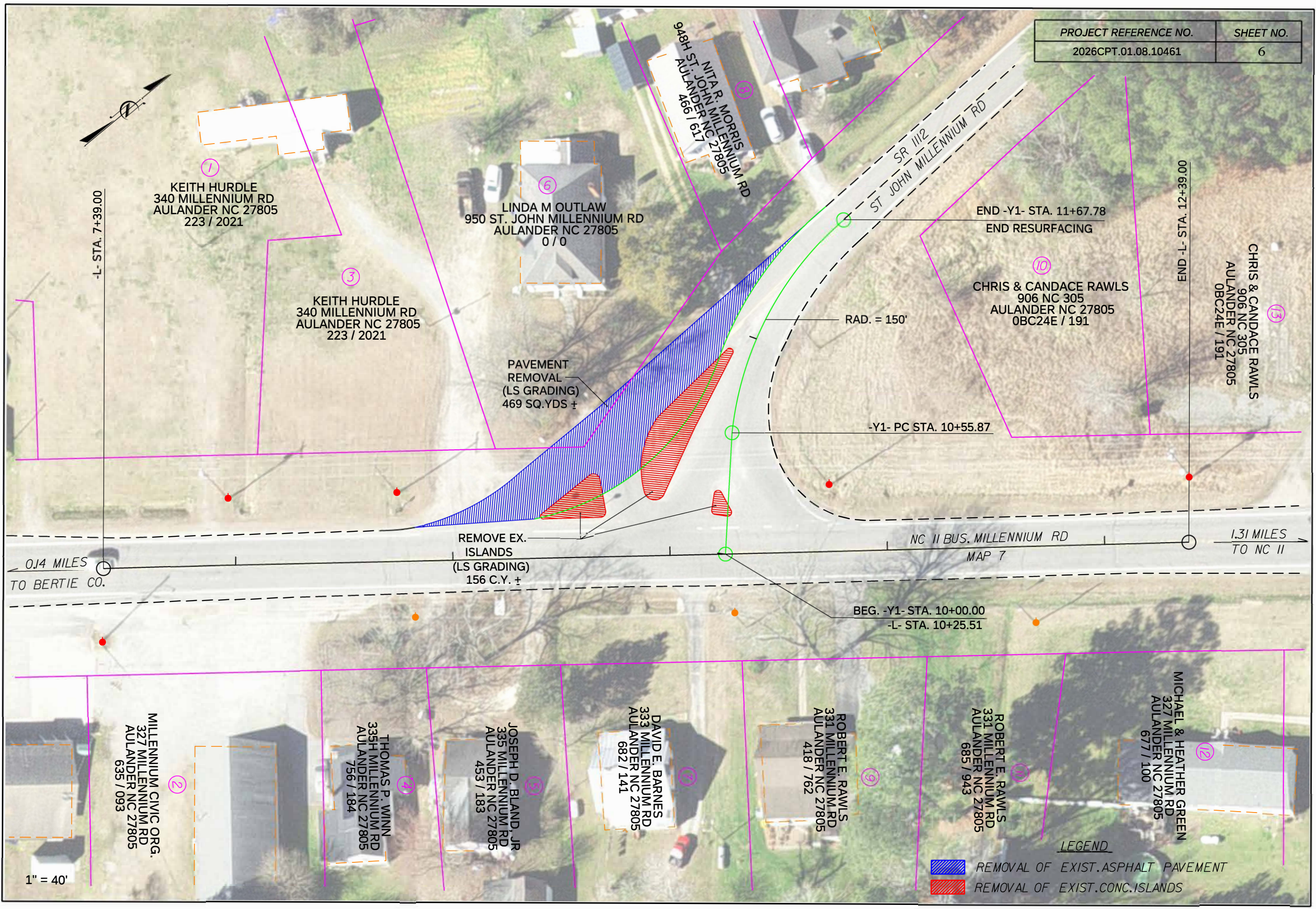
TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	COMMENTS
	PAVE ALL STATE OWNED & TOWN STREETS TO BACK OF RADIUS FOR THIS PROJECT	

PROJECT REFERENCE NO.	SHEET NO.
2026CPT.01.08.10461	6



L- STA. 7+39.00

7
KEITH HURDLE
340 MILLENNIUM RD
AULANDER NC 27805
223 / 2021

3
KEITH HURDLE
340 MILLENNIUM RD
AULANDER NC 27805
223 / 2021

6
LINDA M OUTLAW
950 ST. JOHN MILLENNIUM RD
AULANDER NC 27805
0 / 0

11
NITA R. MORRIS
948H ST. JOHN MILLENNIUM RD
AULANDER NC 27805
466 / 617

END -Y1- STA. 11+67.78
END RESURFACING

10
CHRIS & CANDACE RAWLS
906 NC 305
AULANDER NC 27805
OBC24E / 191

13
CHRIS & CANDACE RAWLS
906 NC 305
AULANDER NC 27805
OBC24E / 191

END -L- STA. 12+39.00

PAVEMENT
REMOVAL
(LS GRADING)
469 SQ.YDS ±

RAD. = 150'

-Y1- PC STA. 10+55.87

0.14 MILES
TO BERTIE CO.

REMOVE EX.
ISLANDS
(LS GRADING)
156 C.Y. ±

NC 11 BUS. MILLENNIUM RD
MAP 7

1.31 MILES
TO NC 11

BEG. -Y1- STA. 10+00.00
-L- STA. 10+25.51

2
MILLENNIUM CIVIC ORG.
327 MILLENNIUM RD
AULANDER NC 27805
635 / 093

4
THOMAS P. WINN
335H MILLENNIUM RD
AULANDER NC 27805
756 / 184

5
JOSEPH D. BLAND, JR
335 MILLENNIUM RD
AULANDER NC 27805
453 / 183

7
DAVID E. BARNES
333 MILLENNIUM RD
AULANDER NC 27805
682 / 141

9
ROBERT E. RAWLS
331 MILLENNIUM RD
AULANDER NC 27805
418 / 762

11
ROBERT E. RAWLS
331 MILLENNIUM RD
AULANDER NC 27805
685 / 943

12
MICHAEL & HEATHER GREEN
327 MILLENNIUM RD
AULANDER NC 27805
677 / 100

LEGEND

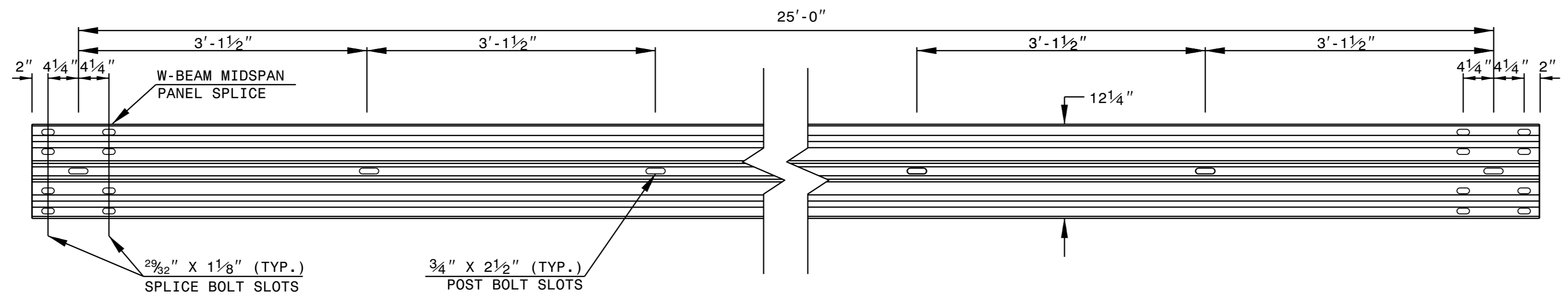
- REMOVAL OF EXIST.ASPHALT PAVEMENT
- REMOVAL OF EXIST.CONC.ISLANDS

1" = 40'

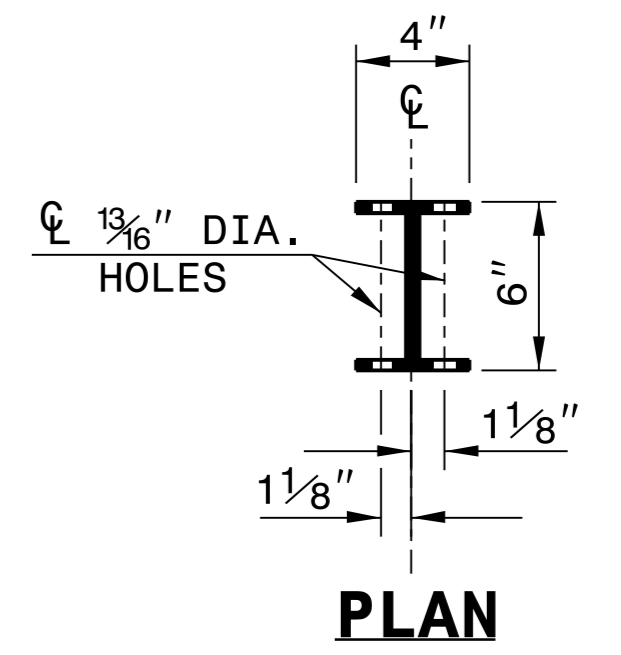
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

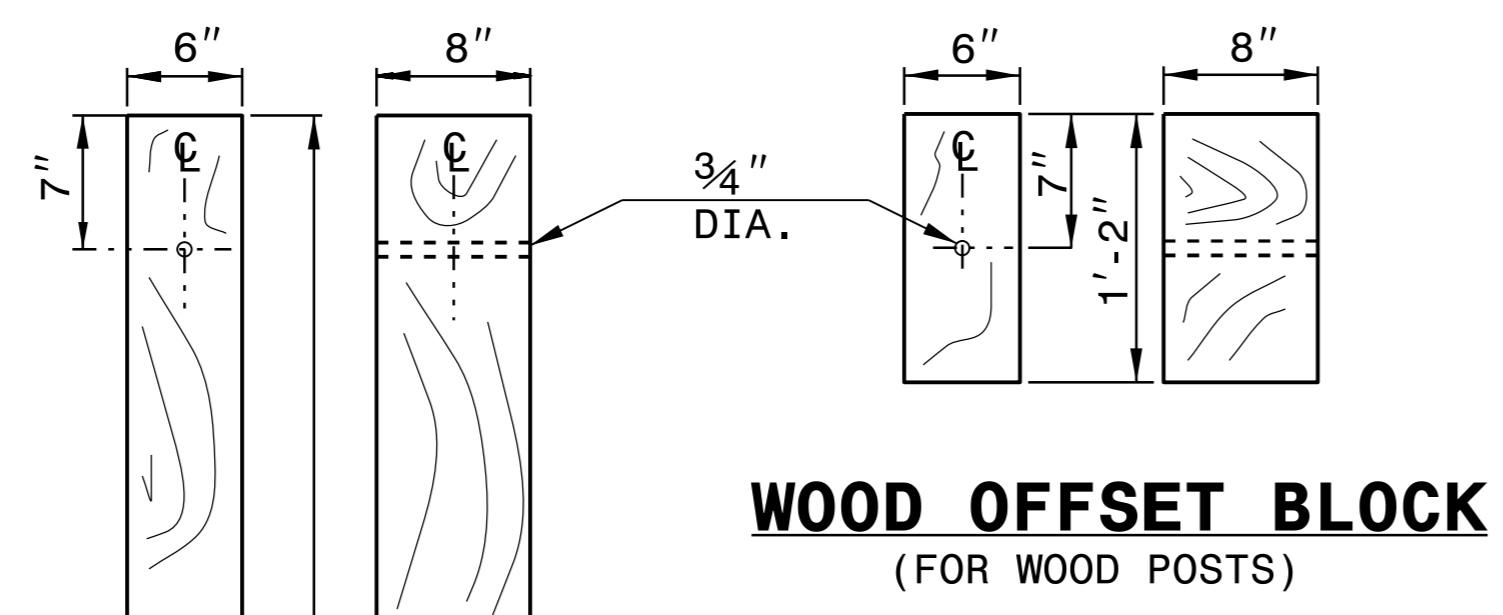
SHEET 6 OF 8
862D02



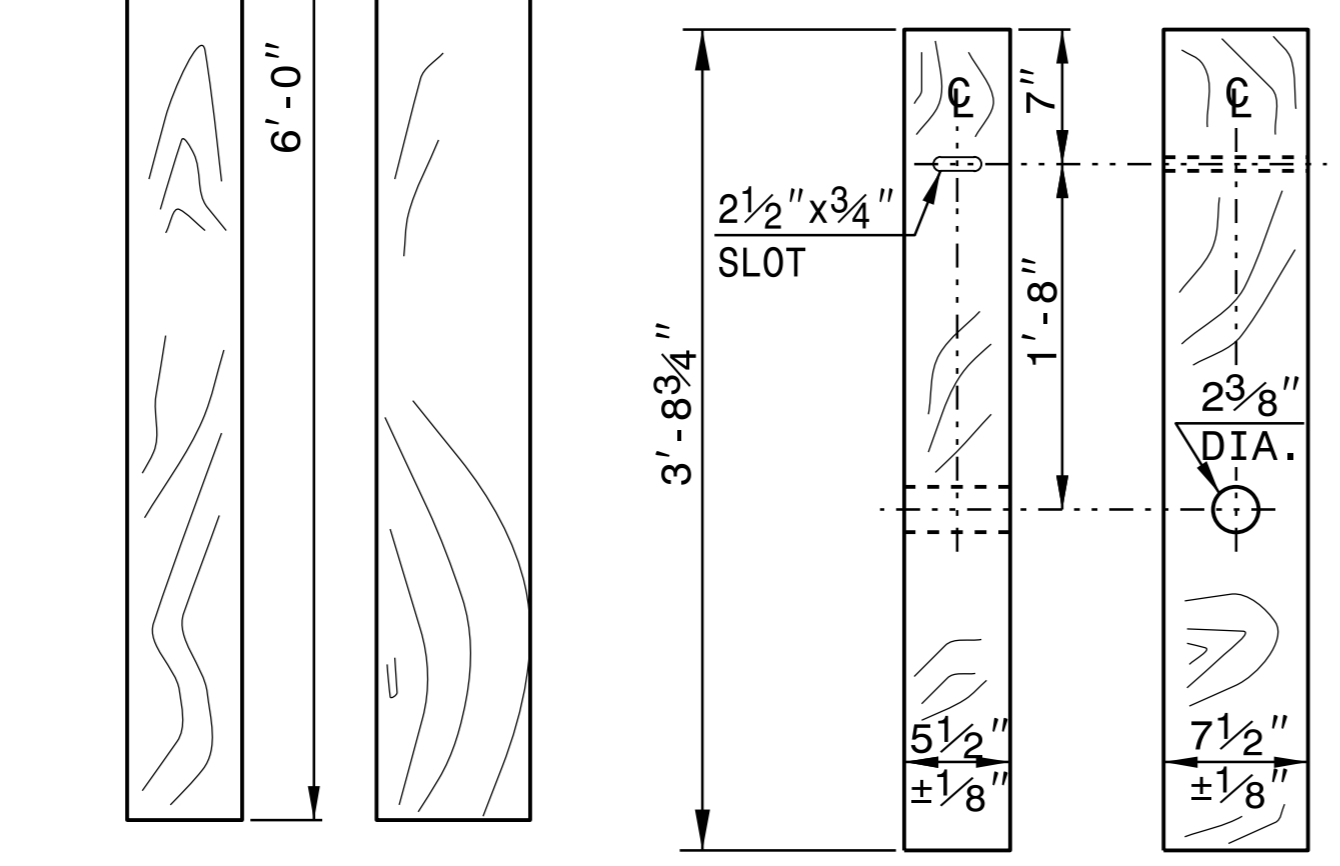
STANDARD W-BEAM GUARDRAIL



PLAN

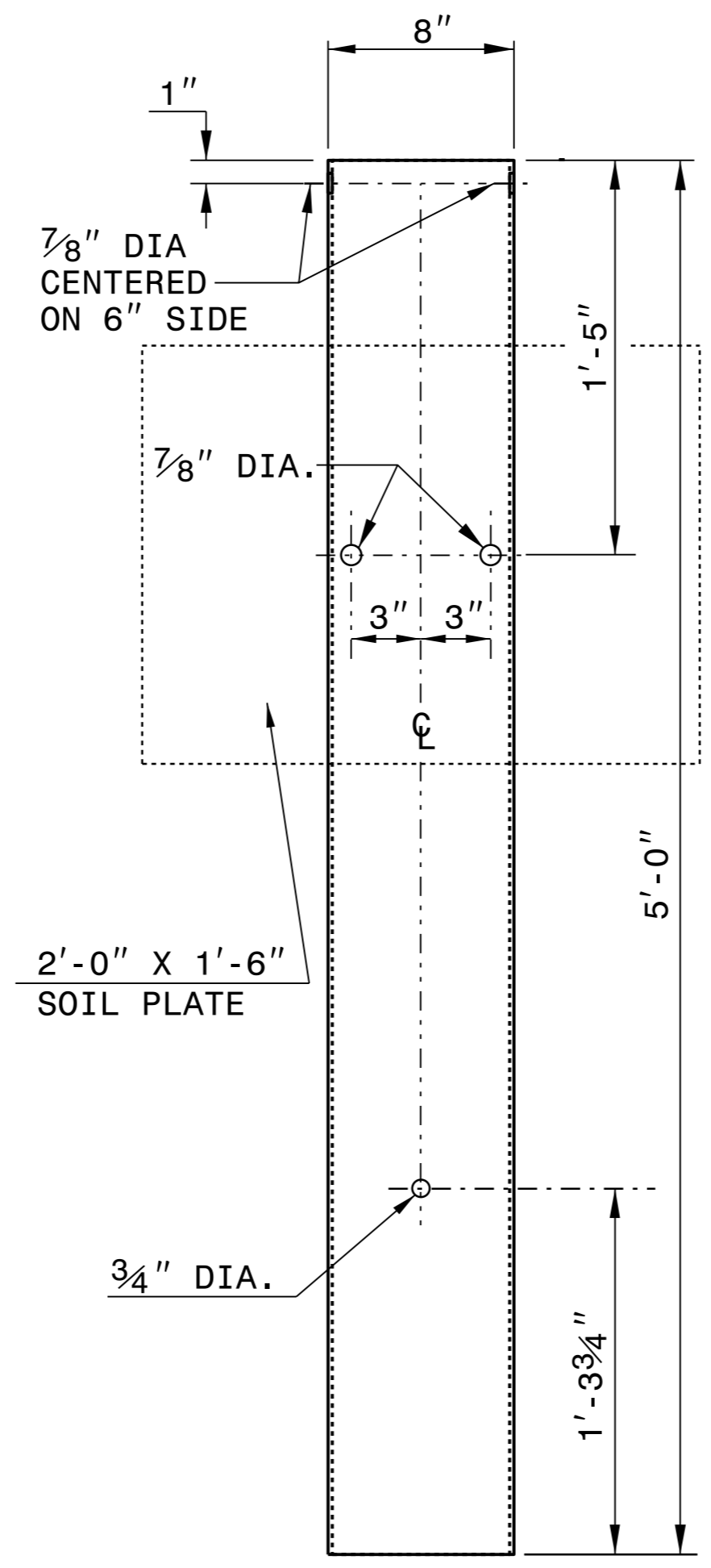


**WOOD OFFSET BLOCK
(FOR WOOD POSTS)**

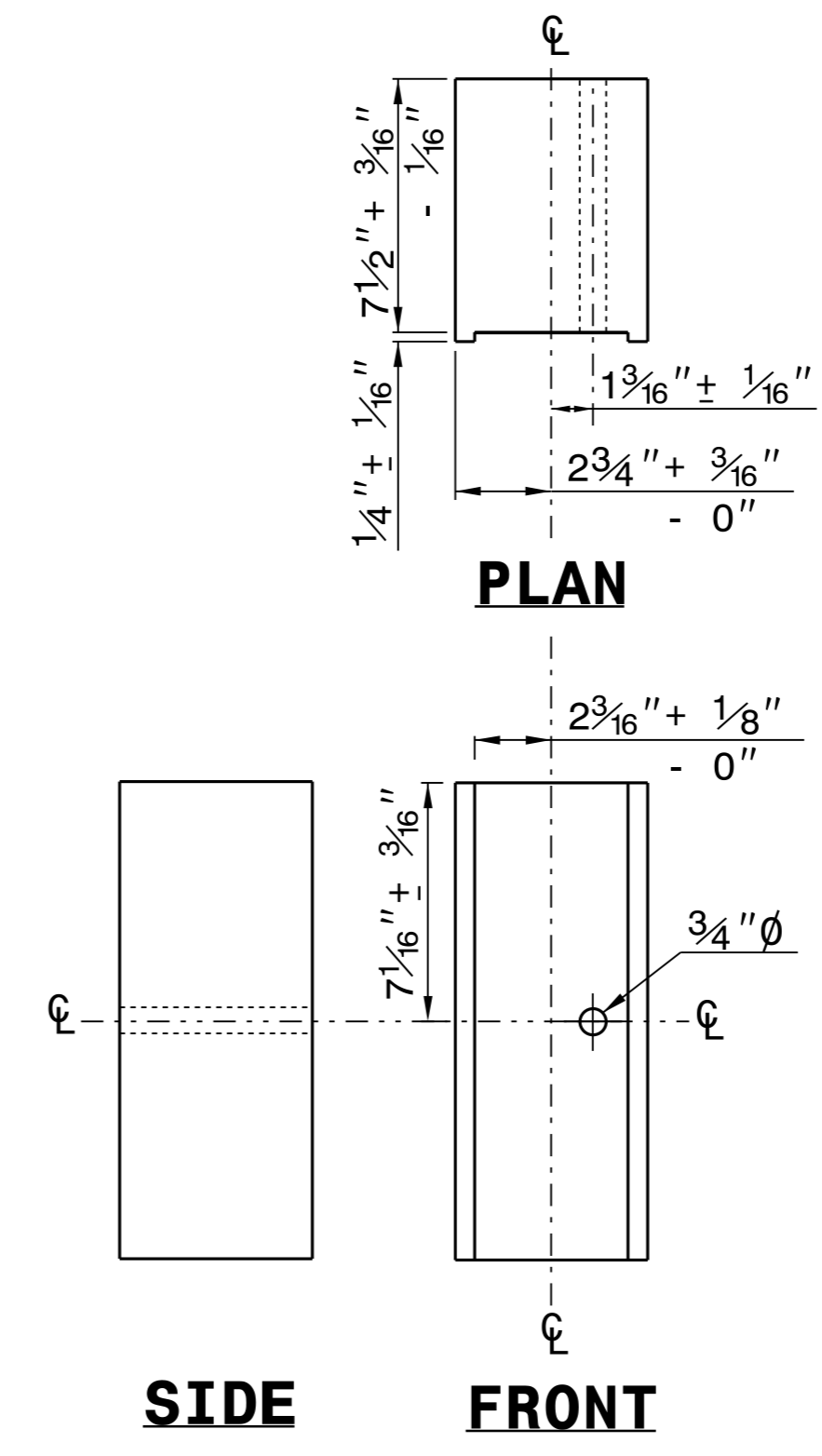


**STANDARD
LINE POST**

**SHORT WOOD
BREAKAWAY POST**



**STEEL TUBE
TS 6"x8"x0.1875"**

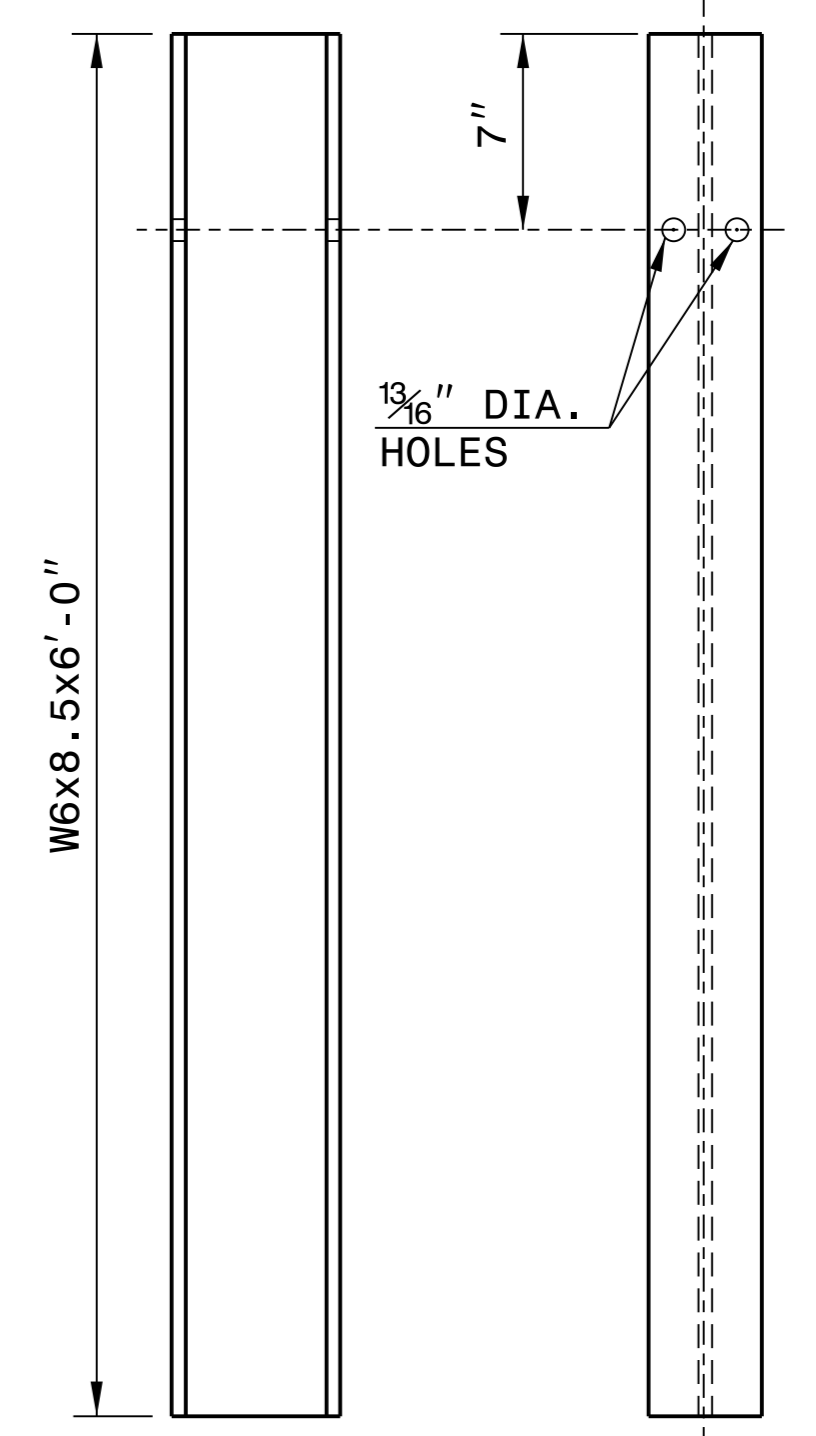


PLAN

SIDE

FRONT

**ROUTED
OFFSET BLOCK**



SIDE

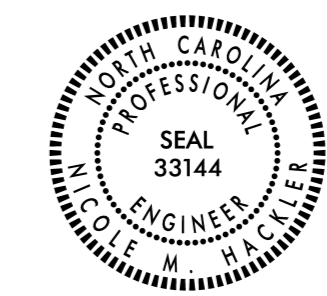
FRONT

"W6" STEEL POST

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02



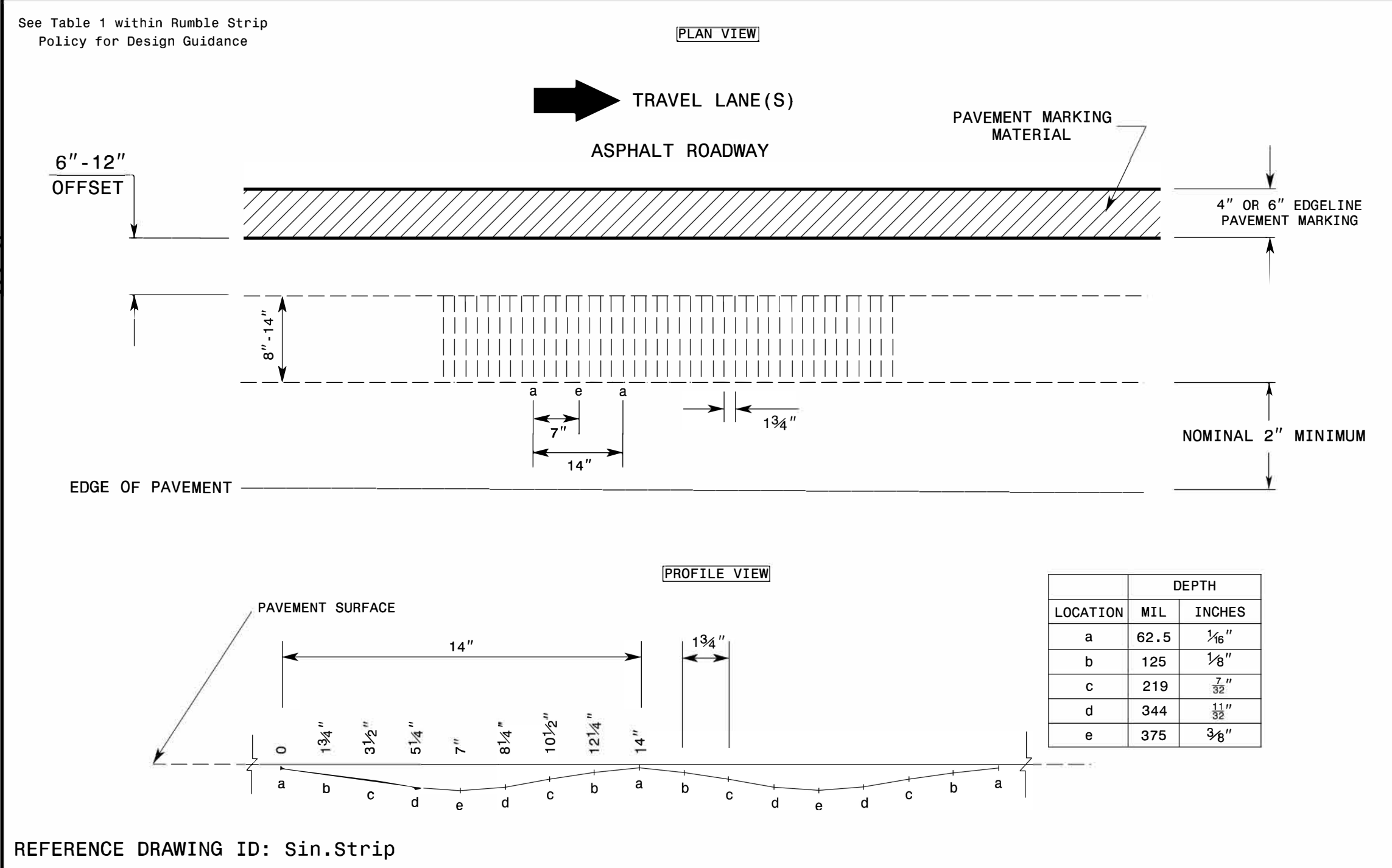
**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON	DATE: 3-7-2018
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL SHOULDER RUMBLE STRIP



STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL SHOULDER RUMBLE STRIP

NOTES:
 1) Specification in table taken from MNDOT Research Project Final Report 2016-23: *Sinusoidal Rumble Strip Design Optimization Study By Terhaar et. al, June 2016*

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL CENTERLINE RUMBLE STRIPE

See Table 2 within Rumble Strip Policy for Design Guidance

If 4" Markings will be used:

If 6" Markings will be used:

PROFILE:

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

REFERENCE DRAWING ID: Sin.CL

NOTES:

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

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RUMBLE STRIPS / STRIPES
 SINUSOIDAL CENTERLINE RUMBLE STRIPE

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.01.08.10081, ETC.	12	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	000100000-N	004300000-N	010600000-E	122000000-E	124500000-E	126000000-E	129700000-E	133000000-E	151900000-E	152300000-E	157500000-E	169300000-E						
												MOBILIZATION	GRADING	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT (1 1/2")	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, S9.5B	ASPHALT CONC SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	ASPHALT PLANT MIX, PAVEMENT REPAIR						
												LS	LS	CY	TONS	SMI	TON	SY	SY	TONS	TONS	TONS	TONS						
2026CPT.01.08.10081	Bertie	1	NC-11 N / NC 11 HWY N	FROM NC 305 TO SR1208 (HARRELL'S SIDING RD)	1	2		4.819	32	12.620	17.439	1						90,469	5,886			8,731	515						
2026CPT.01.08.10081	Bertie	2	NC-305 N / NC 305 HWY	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.362	25	13.790	14.152	*						5,097	357			483	29						
2026CPT.01.08.10081	Bertie	3	NC-11 BUS N / NC 11 BUS HWY S/W MAIN ST	FROM NC 11 TO AULANDER CL	2	2	2WU	3.470	22	0.000	3.470	*						44,786	262			4,109	243						
2026CPT.01.08.10081	Bertie	4	NC-11 BUS N / W MAIN ST/E MAIN ST	FROM BEGIN C&G TO END C&G	3	2	2WU	1.000	32	3.470	4.470	*			14			18,773	378			2,343	144						
2026CPT.01.08.10081	Bertie	5	NC-11 BUS N / E MAIN ST/NC 11 BUS HWY N	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.290	24	4.470	4.760	*						4,083				371	22						
TOTAL FOR PROJ NO. 2026CPT.01.08.10081																													
2026CPT.01.08.10461	Hertford	6	NC-305 N / NC 305 SOUTH	FROM BERTIE CO TO SR 1114 (HORTONS CHURCH RD.)	2	2	2WU	0.105	25	0.000	0.105	*			10			1,478	300			137	8						
2026CPT.01.08.10461	Hertford	7	NC-11 BUS N / NC 11 SOUTH/MILLENNIUM ROAD (SEE NOTE)	FROM BERTIE COUNTY LINE TO NC 42	2	2	2WU	1.550	29	0.000	1.550	*	1	80	13			26,371	1,139			2,464	147						
TOTAL FOR PROJ NO. 2026CPT.01.08.10461																													
2026CPT.01.08.20081	Bertie	8	SR-1200 / CONNARITSA RD	FROM SR 1221 TO DEAD END	4	2	2WU	2.791	21	10.314	13.105	*		502	41	5.58	37		453	3,118			206						
2026CPT.01.08.20081	Bertie	9	SR-1203 / MOORE RD	FROM SR 1200 TO NC 11	4	2	2WU	0.190	21	4.290	4.480	*		34	5	0.38				204			14						
2026CPT.01.08.20081	Bertie	10	SR-1209 / NC 11 BUS HWY S	FROM SR 1200 (CONNARITSA RD.) TO NC 11	4	2	2WU	1.100	19	0.000	1.100	*		198	20	2.20	12			1,185			81						
2026CPT.01.08.20081	Bertie	11	SR-1232 / S PINE DR	FROM NC 11 TO NC 11 BUS.	4	2	2WU	0.620	21	1.050	1.670	*		112	15	1.24			1,192	666			44						
TOTAL FOR PROJ NO. 2026CPT.01.08.20081																													
2026CPT.01.08.20461	Hertford	12	SR-1114 / HORTONS CHURCH ROAD	From NC 305 To SR 1118 (Mill Branch Church Rd.)	4	2		3.740	19	0.000	3.740	*		673	35	7.48	20			3,687			242						
TOTAL FOR PROJ NO. 2026CPT.01.08.20461																													
GRAND TOTAL																													
												20.037																	
												1	1	1,599	208	16.88	69	191,057	9,967	8,860	18,638	1,695	30						

NOTE SEE PLAN SHEET NO. 6 FOR WORK AT THE INTERSECTION OF NC 11 BUS. (MILLENNIUM RD) & SR1112 (ST JOHN MILLENNIUM RD)

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	170500000-E	188100000-E	283000000-N	284500000-N	303000000-E	321500000-N	328700000-N	336000000-E	489800000-N	608400000-E	611700000-N					
												PATCHING EXISTING PAVEMENT (FULL DEPTH)	GENERIC PAVING ITEM (SINUSOIDAL MILLED RUMBLE STRIPS, 18")	GENERIC PAVING ITEM (SINUSOIDAL MILLED RUMBLE STRIPS, 8")	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOXES	STEEL BEAM GUARDRAIL	GUARDRAIL ANCHOR UNITS, TYPE III	GUARDRAIL END UNITS, TYPE TL-3 (SP)	REMOVE EXISTING GUARDRAIL	GENERIC PAVEMENT MARKING ITEM (POLYCARBONATE H-SHAPED MARKERS)	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL				
												TON	LF	LF	EA	EA	LF	EA	EA	LF	EA	ACR	EA				
2026CPT.01.08.10081	Bertie	1	NC-11 N / NC 11 HWY N	FROM NC 305 TO SR1208 (HARRELL'S SIDING RD)	1	2		4.819	32	12.620	17.439		25,445	50,889							128.00						
2026CPT.01.08.10081	Bertie	2	NC-305 N / NC 305 HWY	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.362	25	13.790	14.152										24.00						
2026CPT.01.08.10081	Bertie	3	NC-11 BUS N / NC 11 BUS HWY S/W MAIN ST	FROM NC 11 TO AULANDER CL	2	2	2WU	3.470	22	0.000	3.470	12									230.00						
2026CPT.01.08.10081	Bertie	4	NC-11 BUS N / W MAIN ST/E MAIN ST	FROM BEGIN C&G TO END C&G	3	2	2WU	1.000	32	3.470	4.470	128			2	1						66.00					
2026CPT.01.08.10081	Bertie	5	NC-11 BUS N / E MAIN ST/NC 11 BUS HWY N	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.290	24	4.470	4.760										20.00						
TOTAL FOR PROJ NO. 2026CPT.01.08.10081																											
2026CPT.01.08.10461	Hertford	6	NC-305 N / NC 305 SOUTH	FROM BERTIE CO TO SR 1114 (HORTONS CHURCH RD.)	2	2	2WU	0.105	25	0.000	0.105	6									7.00						
2026CPT.01.08.10461	Hertford	7	NC-11 BUS N / NC 11 SOUTH/MILLENNIUM ROAD	FROM BERTIE COUNTY LINE TO NC 42	2	2	2WU	1.550	29	0.000	1.550	26									103.00						
TOTAL FOR PROJ NO. 2026CPT.01.08.10461																											
2026CPT.01.08.20081	Bertie	8	SR-1200 / CONNARITSA RD	FROM SR 1221 TO DEAD END	4	2	2WU	2.791	21	10.314	13.105	59				60	4	4	335			2.7	1				
2026CPT.01.08.20081	Bertie	9	SR-1203 / MOORE RD	FROM SR 1200 TO NC 11	4	2	2WU	0.190	21	4.290	4.480	13									0.2	1					
2026CPT.01.08.20081	Bertie	10	SR-1209 / NC 11 BUS HWY S	FROM SR 1200 (CONNARITSA RD.) TO NC 11	4	2	2WU	1.100	19	0.000	1.100	89									1.1	1					
2026CPT.01.08.20081	Bertie	11	SR-1232 / S PINE DR	FROM NC 11 TO NC 11 BUS.	4	2	2WU	0.620	21	1.050	1.670	16									0.6	1					
TOTAL FOR PROJ NO. 2026CPT.01.08.20081																											
2026CPT.01.08.20461	Hertford	12	SR-1114 / HORTONS CHURCH ROAD	From NC 305 To SR 1118 (Mill Branch Church Rd.)	4	2		3.740	19	0.000	3.740	55										1.8	1				
TOTAL FOR PROJ NO. 2026CPT.01.08.20461																											
GRAND TOTAL																											
												20.037															
												404	25,445	50,889	2	1	60	4	4	335	578.00	6.4	5				

PROJECT NO.	SHEET NO.	TOTAL NO.
2026CPT.01.08.10081, ETC.	13	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	009010000-N	441300000-E	445700000-N	468500000-E		468800000-E		470400000-E	470900000-E	472000000-E	472500000-E				
												MOBILIZATION	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24" 90 MILS)	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS), RXR	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), RT ARROW	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), HANDICAP		
												LS	SF	LS	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA		
2026CPT.01.08.10081	Bertie	1	NC-11 N / NC 11 HWY N	FROM NC 305 TO SR1208 (HARRELL'S SIDING RD)	1	2		4.819	32	12.62	17.439	1	176	1				50,889	31,805	84	139	8	10	9		
2026CPT.01.08.10081	Bertie	2	NC-305 N / NC 305 HWY	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.362	25	13.79	14.152	*	56	*				3,823	2,389							
2026CPT.01.08.10081	Bertie	3	NC-11 BUS N / NC 11 BUS HWY S/W MAIN ST	FROM NC 11 TO AULANDER CL	2	2	2WU	3.47	22	0	3.47	*	118	*				36,643	22,902	82	54	8				
2026CPT.01.08.10081	Bertie	4	NC-11 BUS N / W MAIN ST/E MAIN ST	FROM BEGIN C&G TO END C&G	3	2	2WU	1	32	3.47	4.47	*	34	*	260	210				10,560	80	68			2	
2026CPT.01.08.10081	Bertie	5	NC-11 BUS N / E MAIN ST/NC 11 BUS HWY N	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.29	24	4.47	4.76	*	10	*				3,062	1,914							
TOTAL FOR PROJ NO. 2026CPT.01.08.10081								9.941					*	394	*	260	210	94,417	69,570	246	261	16	10	9	2	
												470		163,987												
2026CPT.01.08.10461	Hertford	6	NC-305 N / NC 305 SOUTH	FROM BERTIE CO TO SR 1114 (HORTONS CHURCH RD.)	2	2	2WU	0.105	25	0	0.105	*	24	*				1,109	693							
2026CPT.01.08.10461	Hertford	7	NC-11 BUS N / NC 11 SOUTH/MILLENNIUM ROAD	FROM BERTIE COUNTY LINE TO NC 42	2	2	2WU	1.55	29	0	1.55	*	52	*				16,368	10,230		23					
TOTAL FOR PROJ NO. 2026CPT.01.08.10461								1.655					*	76	*			17,477	10,923		23					
												28,400														
2026CPT.01.08.20081	Bertie	8	SR-1200 / CONNARITSA RD	FROM SR 1221 TO DEAD END	4	2	2WU	2.791	21	10.314	13.105	*	118	*												
2026CPT.01.08.20081	Bertie	9	SR-1203 / MOORE RD	FROM SR 1200 TO NC 11	4	2	2WU	0.19	21	4.29	4.48	*		*												
2026CPT.01.08.20081	Bertie	10	SR-1209 / NC 11 BUS HWY S	FROM SR 1200 (CONNARITSA RD.) TO NC 11	4	2	2WU	1.1	19	0	1.1	*		*												
2026CPT.01.08.20081	Bertie	11	SR-1232 / S PINE DR	FROM NC 11 TO NC 11 BUS.	4	2	2WU	0.62	21	1.05	1.67	*		*												
TOTAL FOR PROJ NO. 2026CPT.01.08.20081								4.701					*	118	*											
												118														
2026CPT.01.08.20461	Hertford	12	SR-1114 / HORTONS CHURCH ROAD	From NC 305 To SR 1118 (Mill Branch Church Rd.)	4	2		3.74	19	0	3.74	*	118	*												
TOTAL FOR PROJ NO. 2026CPT.01.08.20461								3.74					*	118	*											
												118														
GRAND TOTAL								20.037					1	706	1	260	210	111,894	80,493	246	284	16	10	9	2	
												470		192,387												

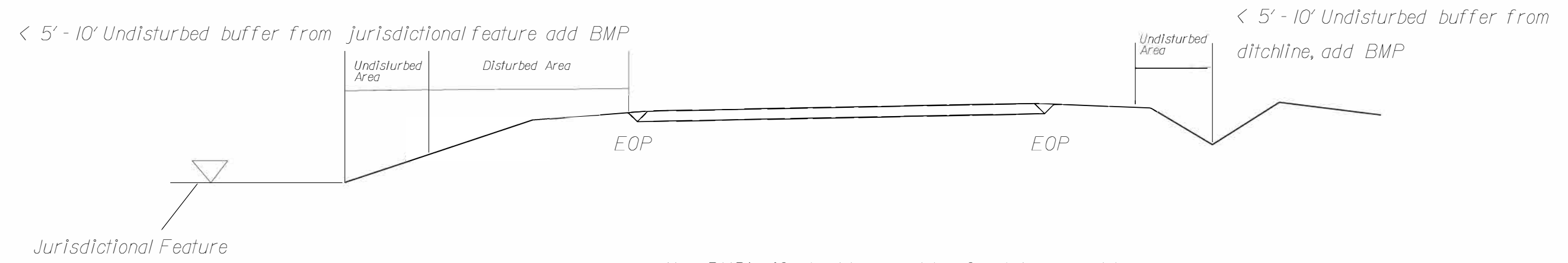
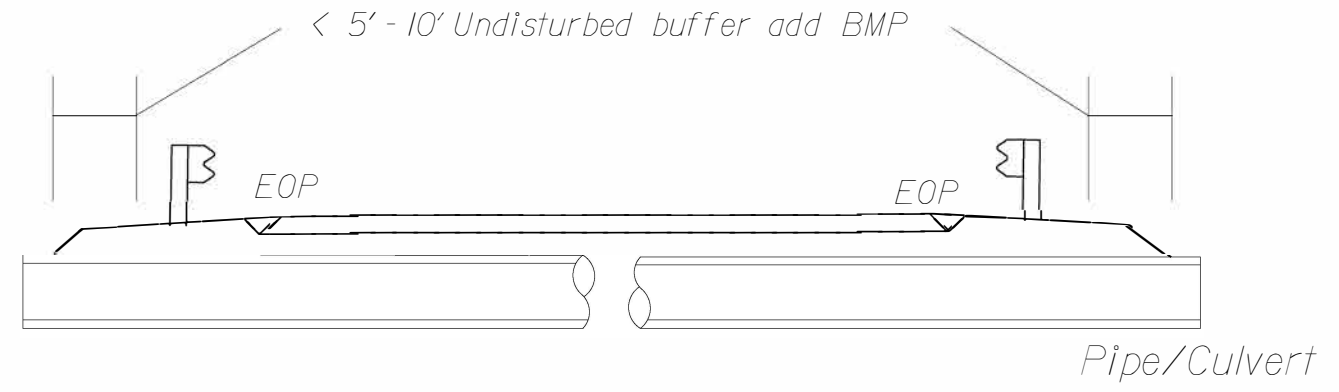
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	481000000-E		483000000-E	483500000-E	484000000-N	484500000-N			489000000-E					
												PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (16")	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING CHARACTER (MSG RXR)	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	PAINT PAVEMENT MARKING SYMBOL (RT ARROW)	PAINT PAVEMENT MARKING SYMBOL (HANDICAP)	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 65 MILS) WHITE	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 65 MILS) YELLOW				
												LF	LF	LF	LF	EA	EA	EA	EA	LF	LF				
2026CPT.01.08.10081	Bertie	1	NC-11 N / NC 11 HWY N	FROM NC 305 TO SR1208 (HARRELL'S SIDING RD)	1	2		4.819	32	12.62	17.439	50,889	31,805	84	139	8	10	9							
2026CPT.01.08.10081	Bertie	2	NC-305 N / NC 305 HWY	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.362	25	13.79	14.152	3,823	2,389												
2026CPT.01.08.10081	Bertie	3	NC-11 BUS N / NC 11 BUS HWY S/W MAIN ST	FROM NC 11 TO AULANDER CL	2	2	2WU	3.47	22	0	3.47	36,643	22,902	82	54	8									
2026CPT.01.08.10081	Bertie	4	NC-11 BUS N / W MAIN ST/E MAIN ST	FROM BEGIN C&G TO END C&G	3	2	2WU	1	32	3.47	4.47	260	10,770	80	68				2						
2026CPT.01.08.10081	Bertie	5	NC-11 BUS N / E MAIN ST/NC 11 BUS HWY N	FROM AULANDER CL TO HERTFORD CO	2	2	2WU	0.29	24	4.47	4.76	3,062	1,914												
TOTAL FOR PROJ NO. 2026CPT.01.08.10081								9.941				94,677	69,780	246	261	16	10	9	2						
												164,457		21											
2026CPT.01.08.10461	Hertford	6	NC-305 N / NC 305 SOUTH	FROM BERTIE CO TO SR 1114 (HORTONS CHURCH RD.)	2	2	2WU	0.105	25	0	0.105	1,109	693												
2026CPT.01.08.10461	Hertford	7	NC-11 BUS N / NC 11 SOUTH/MILLENNIUM ROAD	FROM BERTIE COUNTY LINE TO NC 42	2	2	2WU	1.55	29	0	1.55	16,368	10,230		23										
TOTAL FOR PROJ NO. 2026CPT.01.08.10461								1.655				17,477	10,923	23											
												28,400													
2026CPT.01.08.20081	Bertie	8	SR-1200 / CONNARITSA RD	FROM SR 1221 TO DEAD END	4	2	2WU	2.791	21	10.314	13.105	29,473	18,421						29,473	18,421					
2026CPT.01.08.20081	Bertie	9	SR-1203 / MOORE RD	FROM SR 1200 TO NC 11	4	2	2WU	0.19	21	4.29	4.48	2,006	2,006						2,006	2,006					
2026CPT.01.08.20081	Bertie	10	SR-1209 / NC 11 BUS HWY S	FROM SR 1200 (CONNARITSA RD.) TO NC 11	4	2	2WU	1.1	19	0	1.1	11,616	7,260						11,616	7,260					
2026CPT.01.08.20081	Bertie	11	SR-1232 / S PINE DR	FROM NC 11 TO NC 11 BUS.	4	2	2WU	0.62	21	1.05	1.67	6,547	4,092						6,547	4,092					
TOTAL FOR PROJ NO. 2026CPT.01.08.20081								4.701				49,642	31,779						49,642	31,779					
												81,421		81,421											
2026CPT.01.08.20461	Hertford	12	SR-1114 / HORTONS CHURCH ROAD	From NC 305 To SR 1118 (Mill Branch Church Rd.)	4	2		3.74	19	0	3.74	39,494	24,684						39,494	24,684					
TOTAL FOR PROJ NO. 2026CPT.01.08.20461								3.74				39,494	24,684							39,494	24,684				
												64,178		64,178											
GRAND TOTAL								20.037				201,290	137,166	246	284	16	10	9	2	89,136	56,463				
												338,456		21		145,599									

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

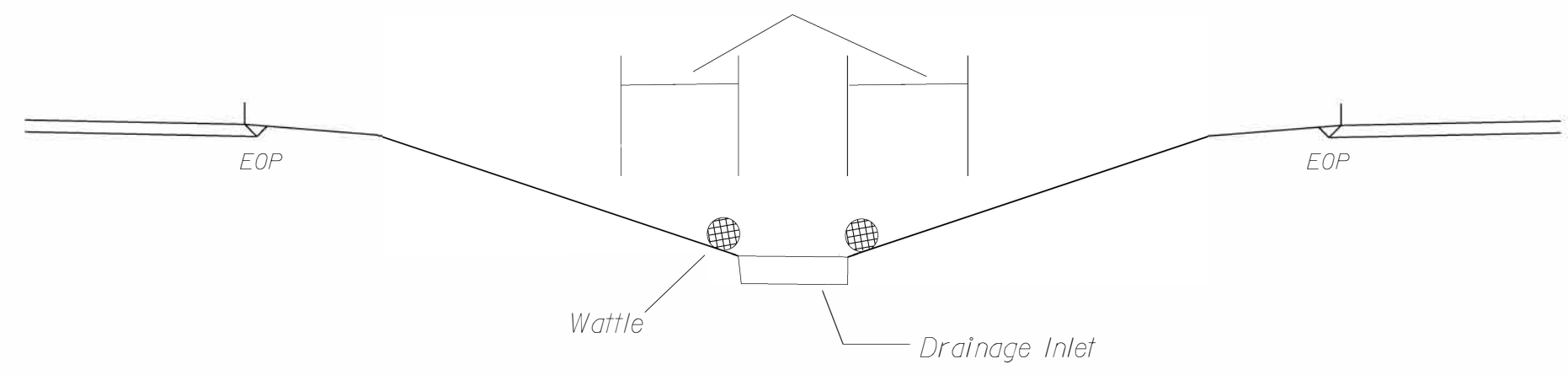
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

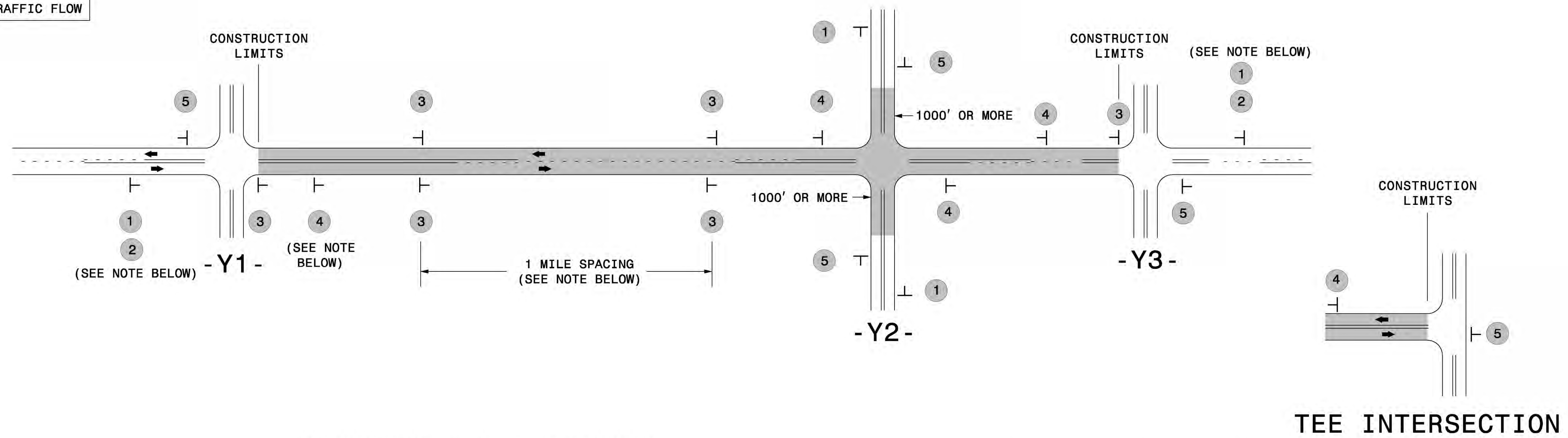
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

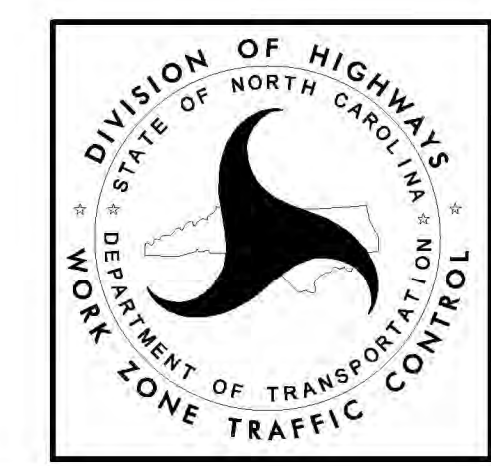
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3		- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4		- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017 5:11:10 PM \\NCDOT\resurfacing\212W & AST Resurfacing Details\Resurfacing_AdvWarn_212W.dgn User:keads