

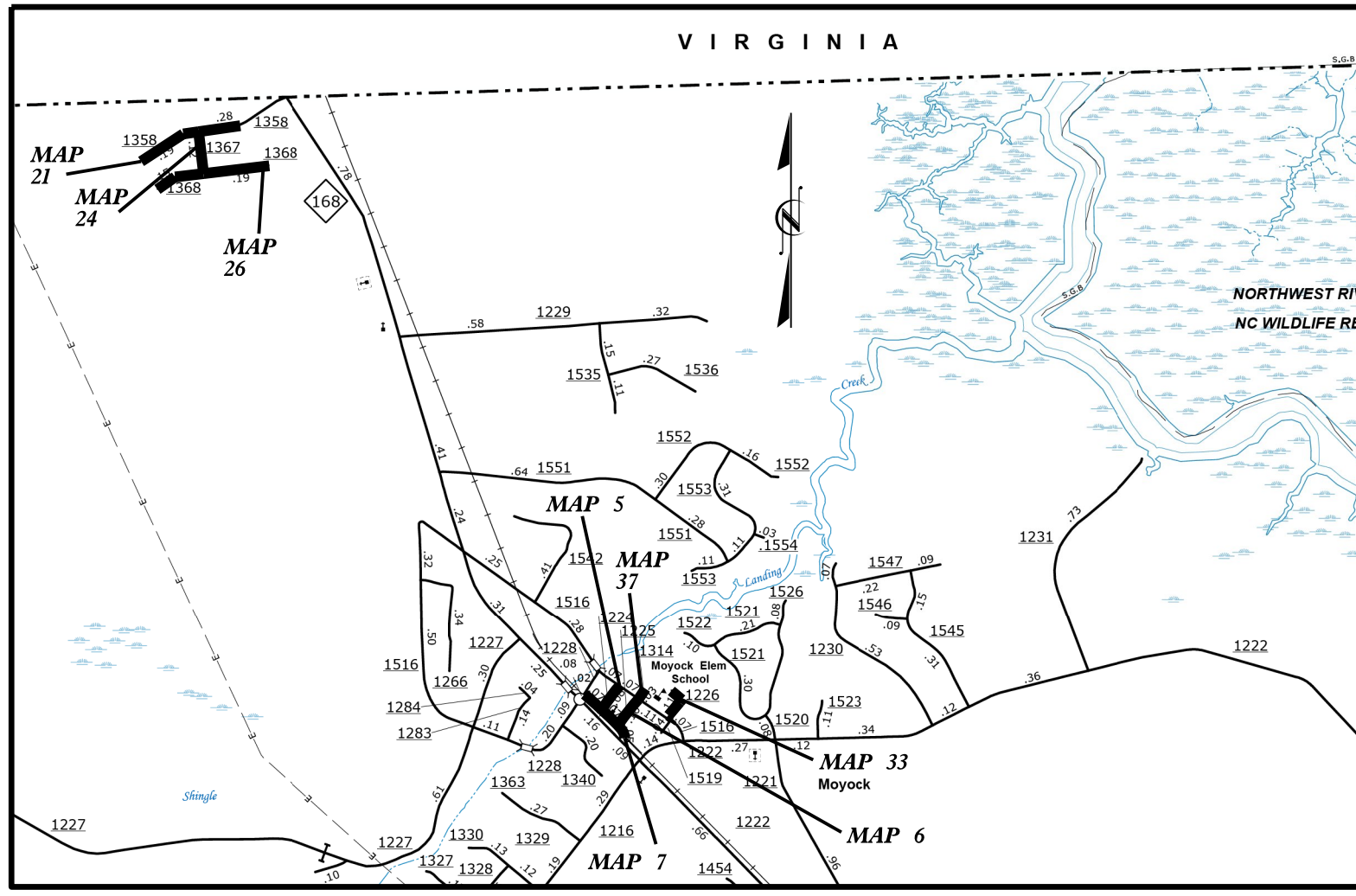
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.03.10271.1, ETC	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
2022CPT.01.03.20272.1		PE, CONST

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY

LOCATION: MAP 5 - SR 1224 (CHERRY ST) FROM SR 1273 TO SR 1516
 MAP 6 - SR 1225 (CHURCH ST) FROM SR 1273 TO SR 1516
 MAP 7 - SR 1273 (OAK ST) FROM SR 1228 TO RAILROAD TRACKS
 MAP 21 - SR 1358 (NORTH POINT RD) FROM CUL DE SAC TO BEGIN LANE
 MAP 24 - SR 1367 (POINT HARBOUR RD) FROM SR 1368 TO SR 1358
 MAP 26 - SR 1368 (SOUTH ST) FROM CUL DE SAC TO CUL DE SAC
 MAP 33 - SR 1226 (MOYOCK SCHOOL RD) FROM DEADEND TO SR 1516
 MAP 37 SR 1314 (MOYOCK ELEMENTARY SCHOOL) FROM SR 1516 TO END OF PAVEMENT

TYPE OF WORK: MILLING, RESURFACING, & THIN LIFT,



CONTRACT: DA00509 WBS PROJECT: 2022CPT.01.03.10271.1, ETC.

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GRAPHIC SCALES

NTS

PROJECT LENGTH	
MAP 5 =	0.08 MI.
MAP 6 =	0.09 MI.
MAP 7 =	0.16 MI.
MAP 21 =	0.35 MI.
MAP 24 =	0.11 MI.
MAP 26 =	0.33 MI.
MAP 33 =	0.11 MI.
MAP 37 =	0.05 MI.
LENGTH PROJECT 2022CPT.01.02.20081.1 = 23.78 MI.	

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

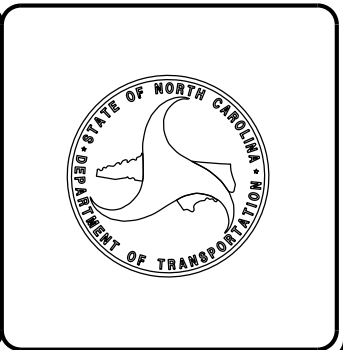
2018 STANDARD SPECIFICATIONS

LETTING DATE:
OCTOBER 20, 2021

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

S. P. FENWICK, PLS
DIVISION DESIGN ENGINEER



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.03.10271.1, ETC	2
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
2022CPT.01.03.20272.1		PE, CONST

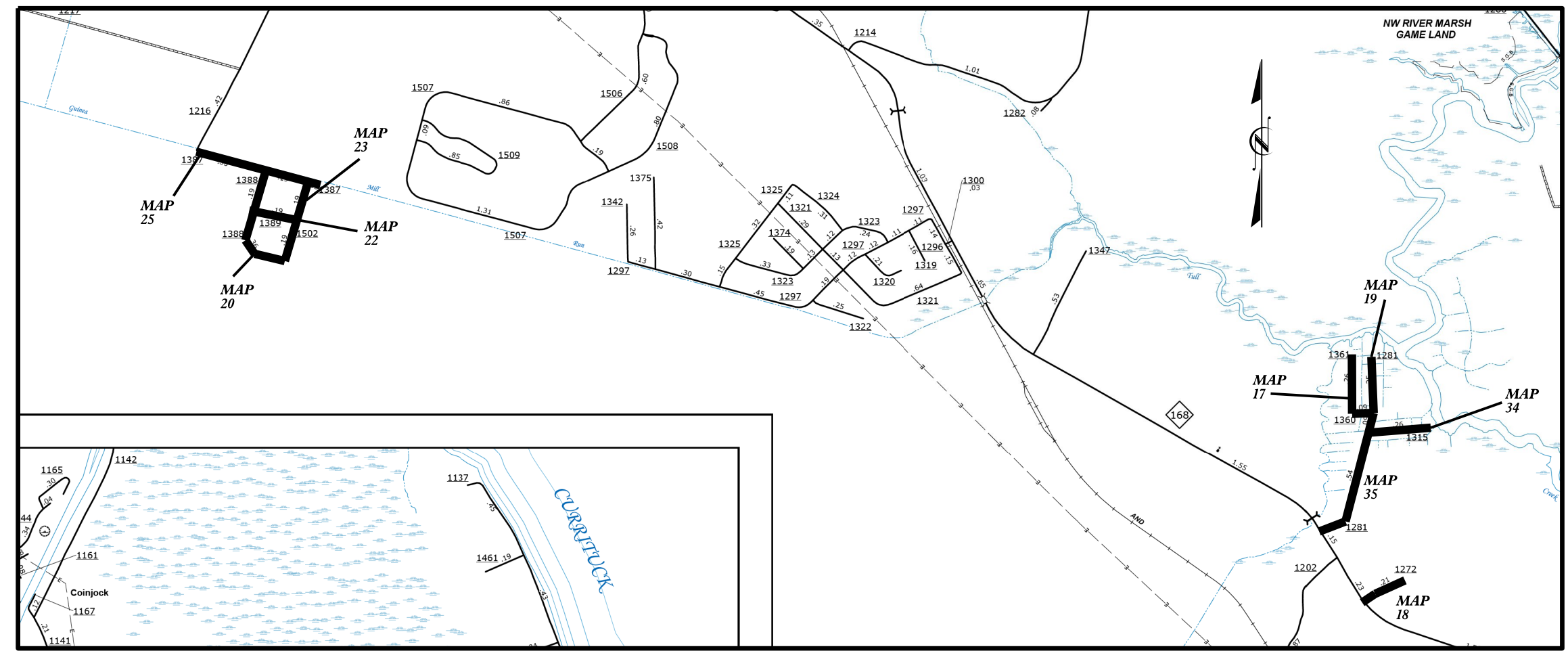
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY

LOCATION: MAP 17 – SR 1361 (HASTINGS DR) FROM DEAD END TO DEAD END
MAP 18 – SR 1272 (CLARKS RD) FROM NC 168 TO DEAD END
MAP 19 – SR 1360 (VINCENT DR) FROM SR 1361 TO SR 1281
MAP 20 – SR 1388 (PROVIDENCE RD) FROM DEAD END TO SR 1387
MAP 22 – SR 1389 (OXFORD RD) FROM SR 1388 TO SR 1502

MAP 23 – SR 1502 (QUEEN ANNE RD) FROM SR 1388 TO SR 1387
MAP 25 – SR 1387 (WILDWOOD DR) FROM SR 1216 TO DEAD END
MAP 34 – SR 1315 (CREEK DR) FROM SR 1281 TO CUL DE SAC
MAP 35 – SR 1281 (BEECHWOOD SHORES DR) FROM NC 168 TO CUL DE SAC

TYPE OF WORK: MILLING, RESURFACING, & THIN LIFT,



CONTRACT: DA00509 **WBS PROJECT: 2022CPT.01.03.10271.1, ETC**

GRAPHIC SCALES

NTS

PROJECT LENGTH

- MAP 17 = 0.27 MI.
- MAP 18 = 0.23 MI.
- MAP 19 = 0.08 MI.
- MAP 20 = 0.59 MI.
- MAP 22 = 0.19 MI.
- MAP 23 = 0.37 MI.
- MAP 25 = 0.56 MI.
- MAP 34 = 0.25 MI.
- MAP 35 = 0.87 MI.

LENGTH PROJECT 2022CPT.01.02.20081.1 = 23.78 MI.

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

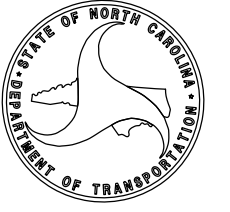
2018 STANDARD SPECIFICATIONS

LETTING DATE:
OCTOBER 20, 2021

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

S. P. FENWICK, PLS
DIVISION DESIGN ENGINEER



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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.03.10271.1, ETC	3
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
2022CPT.01.03.20272.1		PE, CONST

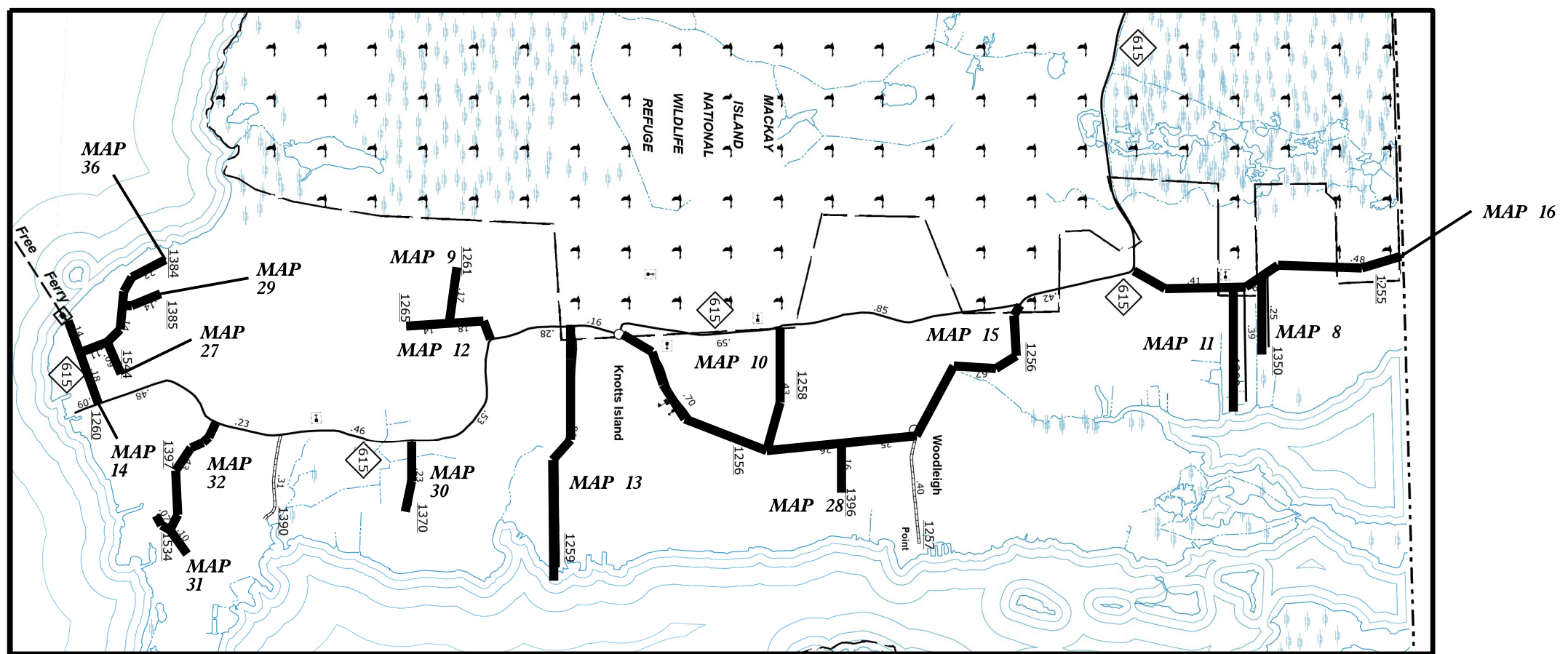
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY



- LOCATION:**
- MAP 8 – SR 1350 (BRYAN RD) FROM SR 1255 TO CUL DE SAC
 - MAP 16 – SR 1255 (KNOTTS ISLAND RD) FROM NC 615 TO NCVA STATELINE
 - MAP 9 – SR 1261 (WEST BLACK FOOT RD) FROM DEAD END TO SR 1265
 - MAP 27 – SR 1544 (RUDDY LN) FROM SR 1384 TO CUL DE SAC
 - MAP 10 – SR 1258 (WARDS RD) FROM NC 615 TO SR 1256
 - MAP 28 – SR 1396 (SHEPHERDS WAY) FROM SR 1256 TO CUL DE SAC
 - MAP 11 – SR 1299 (WILLIAMS RD) FROM SR 1255 TO CUL DE SAC
 - MAP 29 – SR 1385 (WADE AVE) FROM SR 1384 TO CUL DE SAC
 - MAP 12 – SR 1265 (BLACK FOOT RD) FROM END OF PAVEMENT TO NC 615
 - MAP 30 – SR 1370 (PARKER LN) FROM NC 615 TO DEAD END
 - MAP 13 – SR 1259 (BRUMLEY RD) FROM NC 615 TO CUL DE SAC
 - MAP 31 – SR 1534 (KNOTTS LANDING LN) FROM CUL DE SAC TO CUL DE SAC
 - MAP 14 – SR 1260 (FERRY DOCK RD) FROM END OF PAVEMENT TO NC 615
 - MAP 32 – SR 1397 (JONES RD) FROM NC 615 TO SR 1534
 - MAP 15 – SR 1256 (WOODLEIGH RD) FROM NC 615 TO NC 615
 - MAP 36 – SR 1384 (FENTRESS DR) FROM NC 615 TO CUL DE SAC

TYPE OF WORK: MILLING, RESURFACING, & THIN LIFT,



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP 8 = 0.25 MI.	MAP 16 = 0.93 MI.
MAP 9 = 0.17 MI.	MAP 27 = 0.08 MI.
MAP 10 = 0.43 MI.	MAP 28 = 0.15 MI.
MAP 11 = 0.40 MI.	MAP 29 = 0.13 MI.
MAP 12 = 0.32 MI.	MAP 30 = 0.23 MI.
MAP 13 = 0.85 MI.	MAP 31 = 0.16 MI.
MAP 14 = 0.08 MI.	MAP 32 = 0.43 MI.
MAP 15 = 1.85 MI.	MAP 36 = 0.47 MI.

LENGTH PROJECT 2022CPT.01.02.20081.1 = 23.78 MI.

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DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON NC, 27932

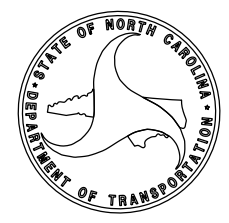
2018 STANDARD SPECIFICATIONS

LETTING DATE:
OCTOBER 20, 2021

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

S. P. FENWICK, PLS
DIVISION DESIGN ENGINEER



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CONTRACT: DA00509 WBS PROJECT: 2022CPT.01.03.10271.1, ETC.

09/08/19

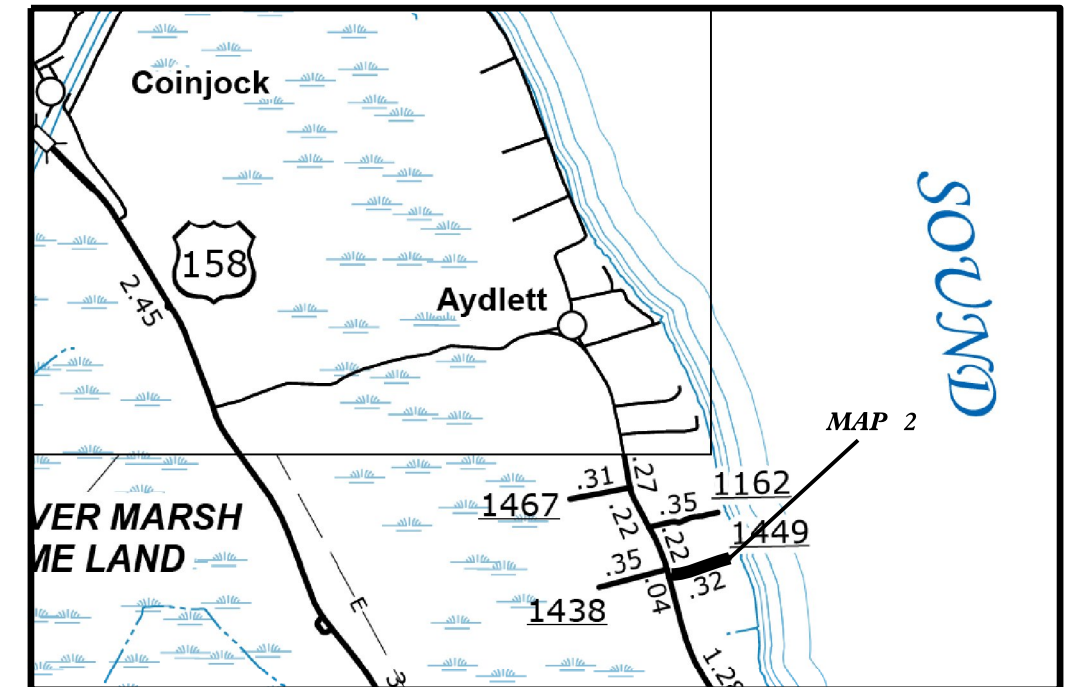
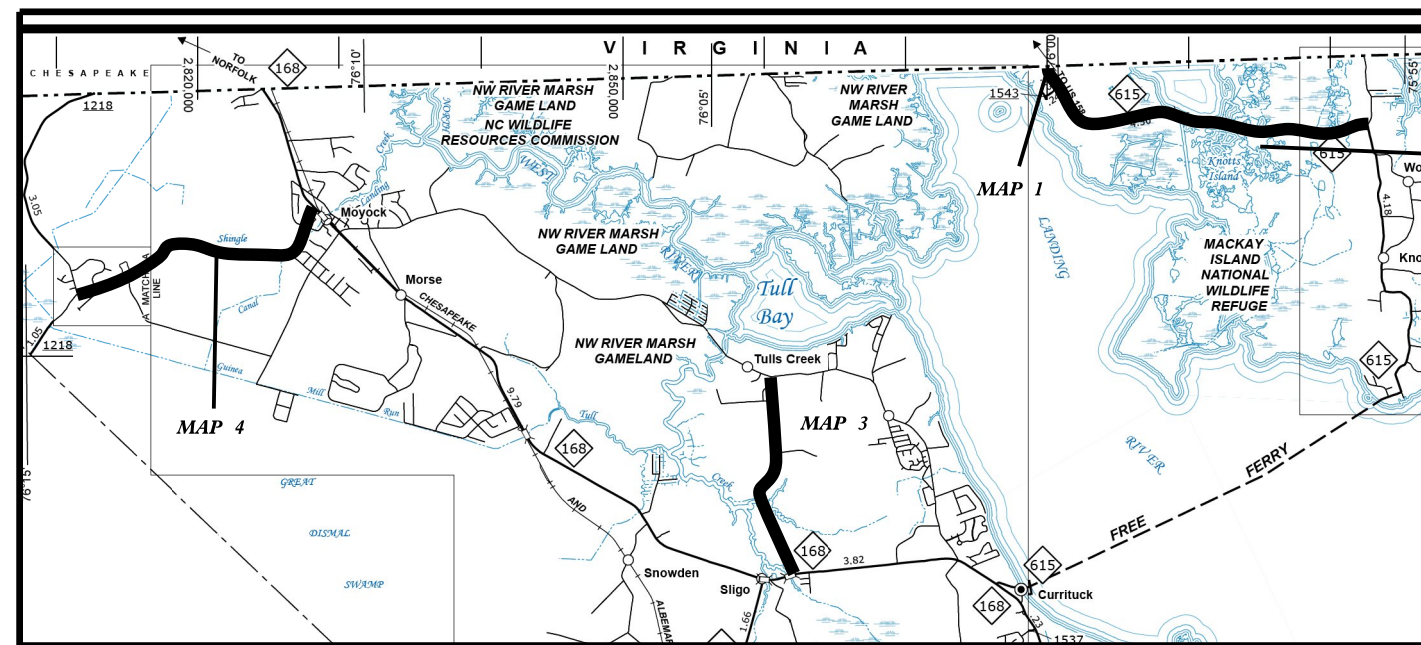
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.03.10271.1, ETC	4
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
2022CPT.01.03.10271.1		PE, CONST
2022CPT.01.03.20271.1		PE, CONST

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CURRITUCK COUNTY

LOCATION: MAP 1 - NC 615 FROM NCVA STATELINE TO SR 1256
MAP 2 - SR 1449 (BAYVIEW DR) FROM CUL DE SAC TO SR 1137
MAP 3 - SR 1232 (POYNERS RD) FROM SR 1222 TO NC 168
MAP 4 - SR 1227 (SOUTH MILLS RD) FROM SR 1218 TO NC 168

TYPE OF WORK: MILLING, RESURFACING, GUARDRAIL
& SHOULDER RECONSTRUCTION



CONTRACT: DA00509 **WBS PROJECT: 2022CPT.01.03.10271.1, ETC.**

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GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP 1 = 5.28 MI.
MAP 2 = 0.31 MI.
MAP 3 = 2.78 MI.
MAP 4 = 3.79 MI.

LENGTH PROJECT 2022CPT.01.02.20081.1 = 23.78 MI.

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

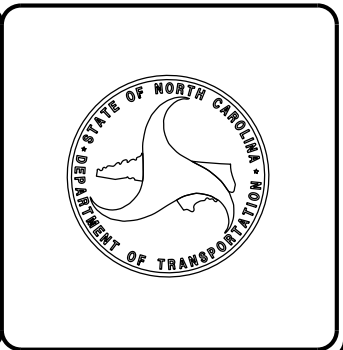
2018 STANDARD SPECIFICATIONS

LETTING DATE:
OCTOBER 20, 2021

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION CONTRACT ENGINEER

S. P. FENWICK, PLS
DIVISION DESIGN ENGINEER

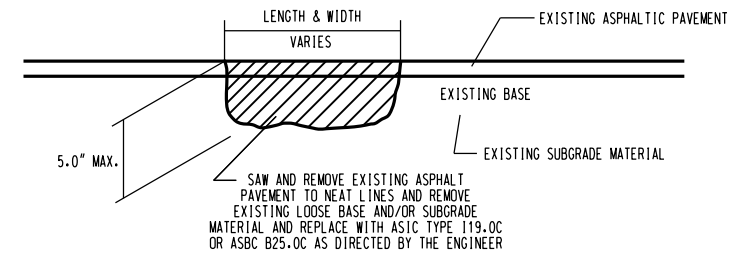


PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
F2	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T	EARTH MATERIAL
U	EXISTING PAVEMENT.
V1	MILLING ASPHALT PAVEMENT. 1.5" IN DEPTH.

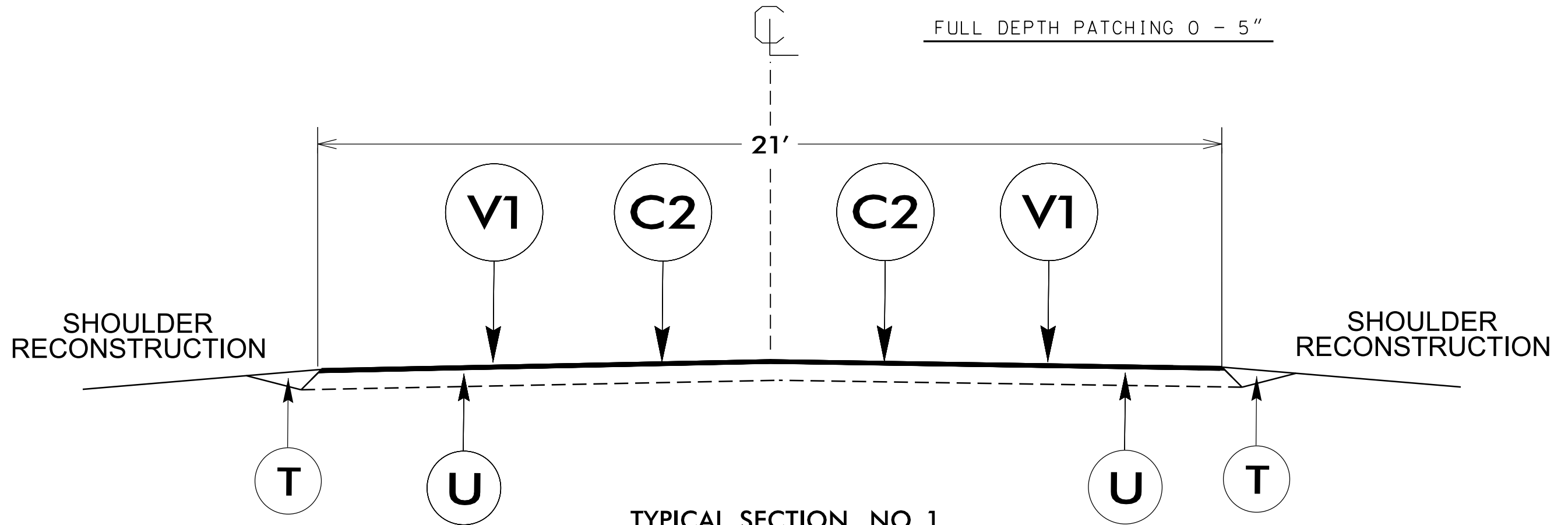
NOTES:

- * 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
- * PAVED SHOULDERS ON EACH END OF BRIDGE ON NORTH BOUND LANE OF NC 615 ARE TO BE REMOVED



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

FULL DEPTH PATCHING 0 - 5"



TYPICAL SECTION NO. 1
USE WITH: MAP 1

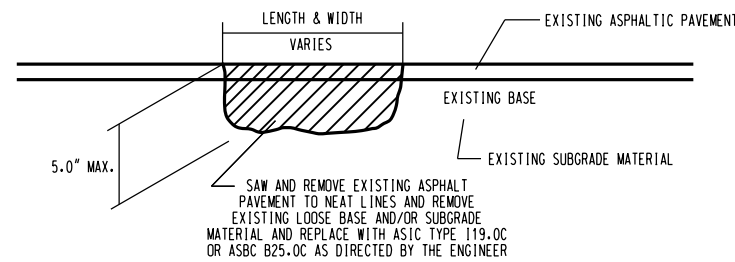
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\$\$\$\$\$USERNAME\$\$\$\$\$

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
F2	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
T	EARTH MATERIAL
U	EXISTING PAVEMENT.
V1	MILLING ASPHALT PAVEMENT. 1.5" IN DEPTH.

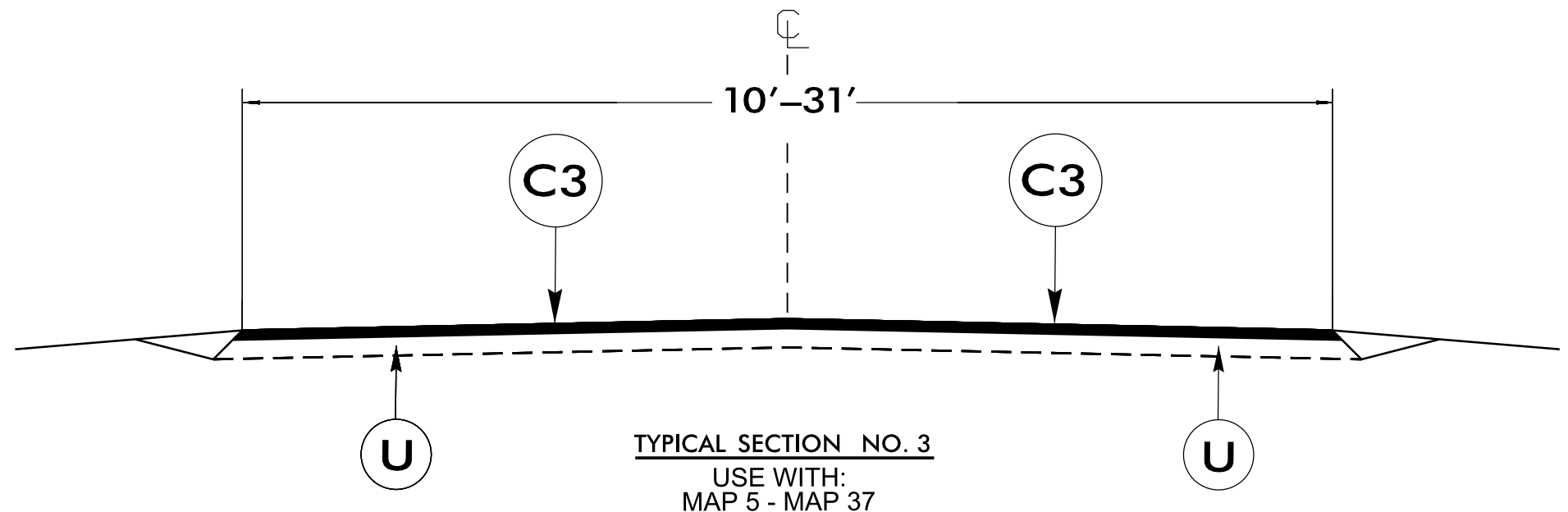
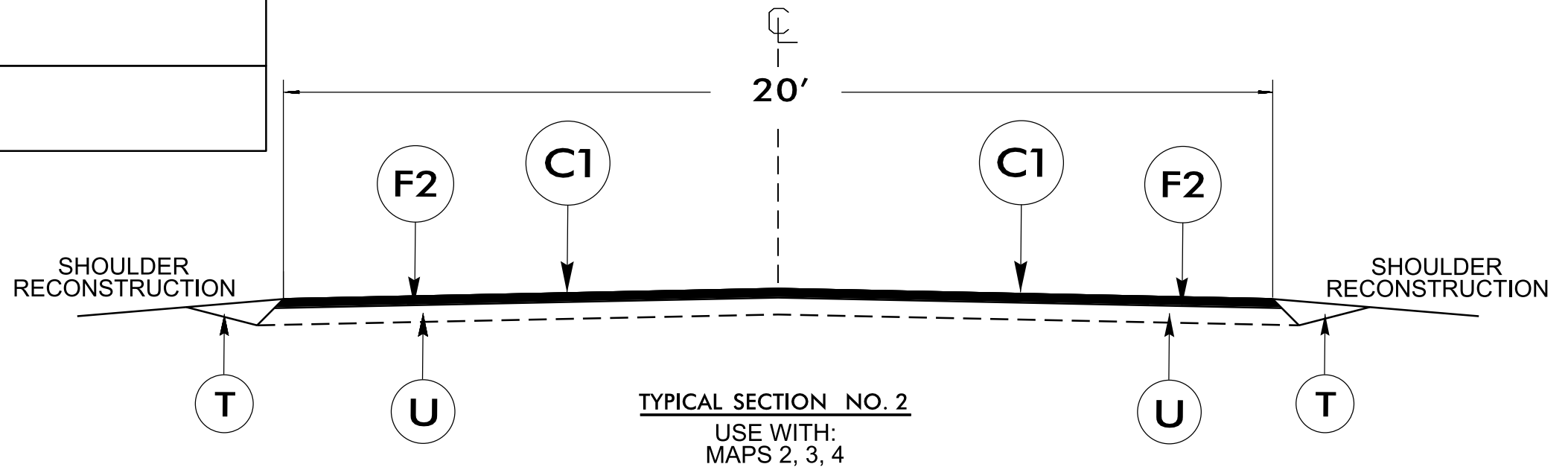
NOTES:

- * 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
- * ASPHALT SURFACE TREATMENT SHALL BE ALLOWED TO SET UP FOR A MINIMUM OF 10 DAYS AND A MAXIMUM OF 60 DAYS BEFORE ANY OTHER WORK CAN BE PERFORMED. ASPHALT SURFACE TREATMENT SHALL BE THOROUGHLY BROOMED TO REMOVE EXCESS AGGREGATE, PRIOR TO FINAL SURFACE LAYER BEING INSTALLED
- * ASPHALT SURFACE TREATMENT (DOUBLE SEAL) CONSISTS OF TWO LAYERS OF TREATMENT: BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX. 0.30± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18± LBS/SY. TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX. 0.25± GAL/SY AND A LAYER OF:5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.



*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

FULL DEPTH PATCHING 0 - 5"



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PROJECT NO.	SHEET NO.
2022CPT.01.03.10271.1, ETC.	7-A

SUMMARY OF QUANTITIES

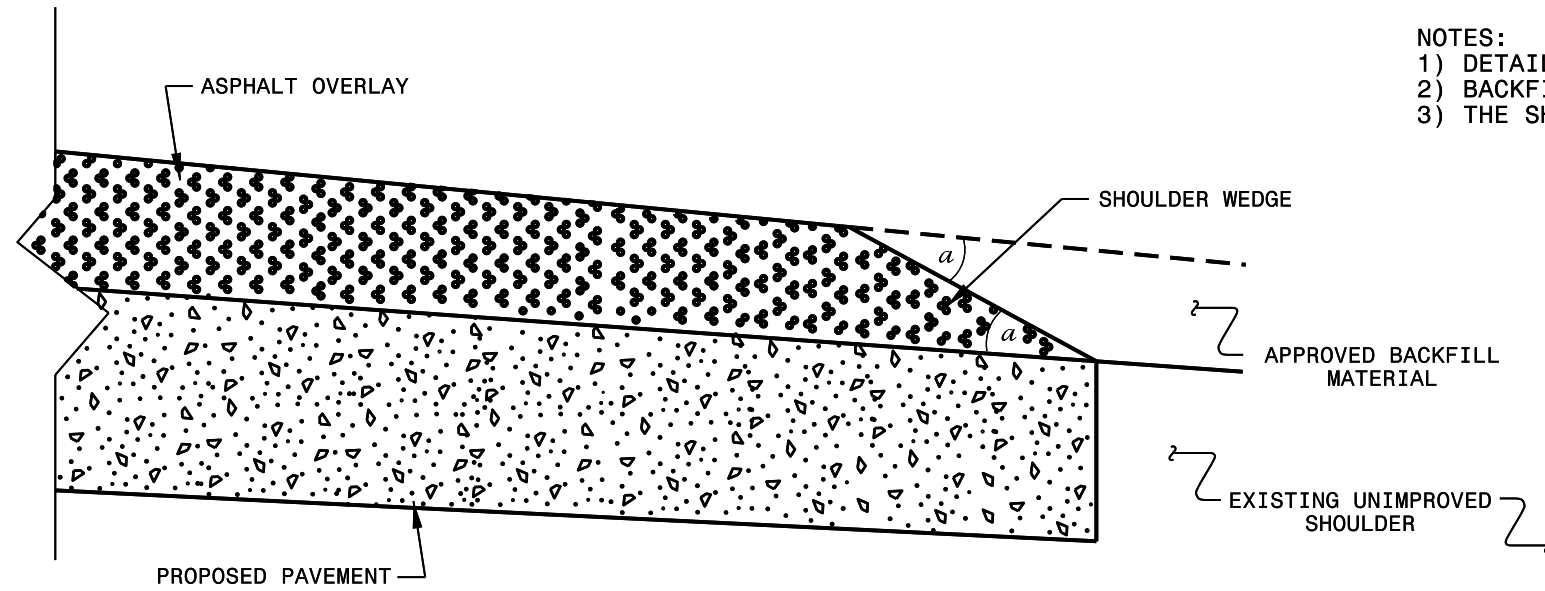
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	MOBILIZATION	BORROW EXCAVATION	REMOVAL OF EXISTING ASPHALT PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT (1 1/2")	INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE, S9.5B	ASPHALT CONCRETE SURFACE COURSE, S9.5C	ASPHALT CONCRETE SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	GENERIC PAVING ITEM, PATCHING EXISTING PAVEMENT FULL DEPTH 0-5"	ADJUSTMENT OF METER BOXES OR VALVE BOXES	STEEL BEAM GUARDRAIL	GUARDRAIL ANCHOR UNITS, TYPE III	GUARDRAIL END UNITS, TYPE TL-3	REMOVE EXISTING GUARDRAIL	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL	MI	FT	LS	CY	SY	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS	SY	GAL	TON	EA	LF	EA	EA	LF	LF	LF	ACR	EA														
																																				5.28	21	1	1,056	450	158	10.56	61,952	7,000	6,635	398	180	647	4	4	920	28,750	1,000	5.3	6																			
TOTAL FOR PROJ NO. 2022CPT.01.03.10271.1																																	5.28	21	1	1,056	450	158	10.56	61,952	7,000	6,635	398	180	647	4	4	920	28,750	1,000	5.3	6																						
2022CPT.01.03.20271.1	Currituck	1	NC615	VA LINE TO SR1256	1	2	2WU	NO	NO	YES	5.28	21	1	1,056	450	158	10.56	61,952	7,000	6,635	398	180	647	4	4	920	28,750	1,000	5.3	6																																												
2022CPT.01.03.20271.1	Currituck	2	SR1449 BAYVIEW DR	CDS TO SR1137	2	2	2WU	NO	NO	NO	0.31	20	*	62		6	0.62		200	332		22	3,637	2,200	30																																																	
2022CPT.01.03.20271.1	Currituck	3	SR1232 POYNERS RD	SR1222 TO NC168	2	2	2WU	NO	NO	NO	2.78	20	*	556		56	5.56		700	3,005		201	32,943	19,800	264	3	288		4	488	750	750	2.8	6																																								
2022CPT.01.03.20271.1	Currituck	4	SR1227 SOUTH MILLS RD	SR1218 TO NC168	2	2	2WU	NO	NO	NO	3.79	20	*	758		76	7.58		1,200	4,340		291	47,853	28,711	140	2																																																
TOTAL FOR PROJ NO. 2022CPT.01.03.20271.1																																	6.88			1,376		138	13.76	2,100	7,677									200	332		22	3,637	2,200	30																		
2022CPT.01.03.20272.1	Currituck	5	SR1224 CHERRY ST	SR1273 TO SR1516	3	2	2WU	NO	NO	NO	0.08	21	*									62	4																																																			
2022CPT.01.03.20272.1	Currituck	6	SR1225 CHURCH ST	SR1273 TO SR1516	3	2	2WU	NO	NO	NO	0.09	14	*									46	3																																																			
2022CPT.01.03.20272.1	Currituck	7	SR1273 OAK ST	SR1228 TO RR TRACKS @ NC168	3	2	2WU	NO	NO	NO	0.16	20	*									131	9																																																			
2022CPT.01.03.20272.1	Currituck	8	SR1350 BRYAN RD	SR1255 TO CDS	3	2	2WU	NO	NO	NO	0.25	20	*									211	15																																																			
2022CPT.01.03.20272.1	Currituck	9	SR1261 WEST BLACK FOOT RD	DEADEND TO SR1265	3	2	2WU	NO	NO	NO	0.17	18	*									113	8																																																			
2022CPT.01.03.20272.1	Currituck	10	SR1258 WARDS RD	NC615 TO SR1256	3	2	2WU	NO	NO	NO	0.43	20	*									315	22																																																			
2022CPT.01.03.20272.1	Currituck	11	SR1299 WILLIAMS RD	SR1255 TO CDS	3	2	2WU	NO	NO	NO	0.4	18	*									281	20																																																			
2022CPT.01.03.20272.1	Currituck	12	SR1265 BLACK FOOT RD	EOP TO NC615	3	2	2WU	NO	NO	NO	0.32	18	*									222	16																																																			
2022CPT.01.03.20272.1	Currituck	13	SR1259 BRUMLEY RD	NC615 TO CDS	3	2	2WU	NO	NO	NO	0.85	18	*									582	41																																																			
2022CPT.01.03.20272.1	Currituck	14	SR1260 FERRY DOCK RD	EOP TO NC615	3	2	2WU	NO	NO	NO	0.08	16	*									48	3																																																			
2022CPT.01.03.20272.1	Currituck	15	SR1256 WOODLEIGH RD	NC615 TO NC615	3	2	2WU	NO	NO	NO	1.85	18	*									1,280	90																																																			
2022CPT.01.03.20272.1	Currituck	16	SR1255 KNOTTS ISLAND RD	NC615 TO VA LINE	3	2	2WU	NO	NO	NO	0.93	19	*									677	47																																																			
2022CPT.01.03.20272.1	Currituck	17	SR1361 HASTINGS DR	DEAD END TO DEAD END	3	2	2WU	NO	NO	NO	0.27	31	*									314	22																																																			
2022CPT.01.03.20272.1	Currituck	18	SR1272 CLARKS RD	NC168 TO DEAD END	3	2	2WU	NO	NO	NO	0.23	17	*									143	10																																																			
2022CPT.01.03.20272.1	Currituck	19	SR1360 VINCENT DR	SR1361 TO SR1281	3	2	2WU	NO	NO	NO	0.08	31	*									90	6																																																			
2022CPT.01.03.20272.1	Currituck	20	SR1388 PROVIDENCE RD	DEADEND TO SR1387	3	2	2WU	NO	NO	NO	0.59	18	*									400	28																																																			
2022CPT.01.03.20272.1	Currituck	21	SR1358 NORTH POINT RD	CDS TO BEGIN 3 LANE	3	2	2WU	NO	NO	NO	0.35	20	*									303	21																																																			
2022CPT.01.03.20272.1	Currituck	22	SR1389 OXFORD RD	SR1388 TO SR1502	3	2	2WU	NO	NO	NO	0.19	20	*									139	10																																																			
2022CPT.01.03.20272.1	Currituck	23	SR1502 QUEEN ANNE RD	SR1388 TO SR1387	3	2	2WU	NO	NO	NO	0.37	20	*									283	20																																																			
2022CPT.01.03.20272.1	Currituck	24	SR1367 POINT HARBOR RD	SR1368 TO SR1358	3	2	2WU	NO	NO	NO	0.11	20	*									80	6																																																			
2022CPT.01.03.20272.1	Currituck	25	SR1387 WILDWOOD DR	SR1216 TO DEAD END	3	2	2WU	NO	NO	NO	0.56	20	*									422	30																																																			
2022CPT.01.03.20272.1	Currituck	26	SR1368 SODDY ST	CDS TO CDS	3	2	2WU	NO	NO	NO	0.33	21	*									341	24																																																			
2022CPT.01.03.20272.1	Currituck	27	SR1544 RUDDY LANE	SR1384 TO CDS	3	2	2WU	NO	NO	NO	0.08	21	*									92	6																																																			
2022CPT.01.03.20272.1	Currituck	28	SR1396 SHEPHERDS WAY	SR1256 TO CDS	3	2	2WU	NO	NO	NO	0.15	19	*									131	9																																																			
2022CPT.01.03.20272.1	Currituck	29	SR1385 WADE AVE	SR1384 TO CDS	3	2	2WU	NO	NO	NO	0.13	21	*									132	9																																																			
2022CPT.01.03.20272.1	Currituck	30	SR1370 PARKER LANE	NC615 TO DEADEND	3	2	2WU	NO	NO	NO	0.23	19	*									160	11																																																			
2022CPT.01.03.20272.1	Currituck	31	SR1534 KNOTTS LANDING LANE	CDS TO CDS	3	2	2WU	NO	NO	NO	0.16	20	*									188	13																																																			
2022CPT.01.03.20272.1	Currituck	32	SR1397 JONES RD	NC615 TO SR1534	3	2	2WU	NO	NO	NO	0.43	20	*									315	22																																																			
2022CPT.01.03.20272.1	Currituck	33	SR1226 MOYOCK SCHOOL RD	DEADEND TO SR1516	3	2	2WU	NO	NO	NO	0.11	24	*									189	13																																																			
2022CPT.01.03.20272.1	Currituck	34	SR1315 CREEK DR	SR1281 TO CDS	3	2	2WU	NO	NO	NO	0.25	19																																																														

PROJECT NO.	SHEET NO.
2022CPT.01.03.10271.1, ETC.	7-B

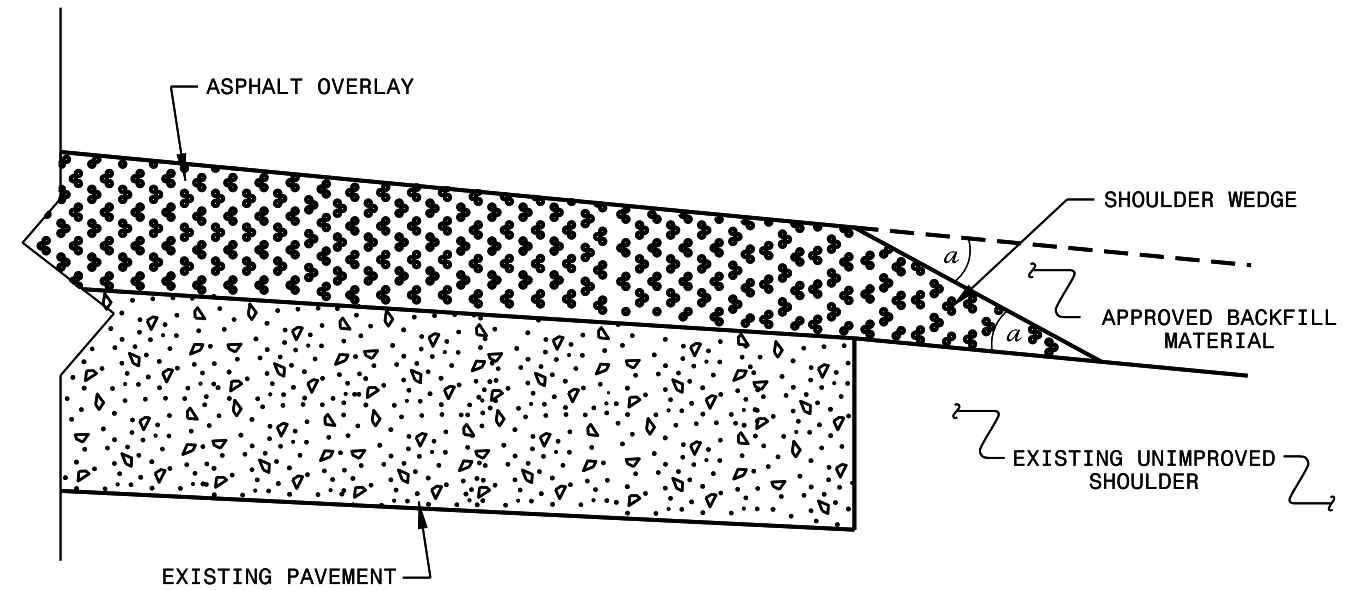
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE	TEMPORARY	THERMO	THERMO	THERMO	THERMO	PAINT	PAINT	PAINT	PAINT	PAINT	GENERIC	GENERIC	GENERIC	GENERIC	
								MI	FT	SF	LS	LF	LF	EA	LF	LF	LF	EA	EA	LF	LFT	LF	EA		
2022CPT.01.03.10271.1	Currituck	1	NC615	VA LINE TO SR1256	1	2	2WU	5.28	21	632	1	56,813	34,848	2		113,626	69,696	415	2				415	350	
TOTAL FOR PROJ NO. 2022CPT.01.03.10271.1								5.28		632		56,813	34,848	2		113,626	69,696	415	2			415	350		
												91,661				183,322			2						
2022CPT.01.03.20271.1	Currituck	2	SR1449 BAYVIEW DR	CDS TO SR1137	2	2	2WU	0.31	20	40	*														
2022CPT.01.03.20271.1	Currituck	3	SR1232 POYNERS RD	SR1222 TO NC168	2	2	2WU	2.78	20	408	*				59,826	36,396	20				29,913	18,348	20		
2022CPT.01.03.20271.1	Currituck	4	SR1227 SOUTH MILLS RD	SR1218 NW BACKWOODS RD TO NC168	2	2	2WU	3.79	20	432	*				81,560	50,028					40,780	25,014			
TOTAL FOR PROJ NO. 2022CPT.01.03.20271.1								6.88		880						141,386	86,424	20				70,693	43,362	20	
																227,810						114,055			
2022CPT.01.03.20272.1	Currituck	5	SR1224 CHERRY ST	SR1273 OAK ST TO SR1516 SHINGLE LANDING RD	3	2	2WU	0.08	21		*				861	528					861	528			
2022CPT.01.03.20272.1	Currituck	6	SR1225 CHURCH ST	SR1273 OAK ST TO SR1516 SHINGLE LANDING RD	3	2	2WU	0.09	14		*														
2022CPT.01.03.20272.1	Currituck	7	SR1273 OAK ST	SR1228 CAMELLIA DR TO RR TRACKS @ NC168	3	2	2WU	0.16	20		*				1,722	1,056	30				1,722	1,056	30		
2022CPT.01.03.20272.1	Currituck	8	SR1350 BRYAN RD	SR1255 KNOTTS ISLAND RD TO CDS	3	2	2WU	0.25	20		*														
2022CPT.01.03.20272.1	Currituck	9	SR1261 WEST BLACK FOOT RD	DEADEND TO SR1265 BLACK FOOT RD	3	2	2WU	0.17	18		*				1,829	1,122					1,829	1,122			
2022CPT.01.03.20272.1	Currituck	10	SR1258 WARDS RD	NC615 TO SR1256 WOODLEIGH RD	3	2	2WU	0.43	20		*														
2022CPT.01.03.20272.1	Currituck	11	SR1299 WILLIAMS RD	SR1255 KNOTTS ISLAND RD TO CDS	3	2	2WU	0.4	18		*														
2022CPT.01.03.20272.1	Currituck	12	SR1265 BLACK FOOT RD	EOP TO NC615	3	2	2WU	0.32	18		*				3,443	2,112					3,443	2,112			
2022CPT.01.03.20272.1	Currituck	13	SR1259 BRUMLEY RD	NC615 TO CDS	3	2	2WU	0.85	18		*														
2022CPT.01.03.20272.1	Currituck	14	SR1260 FERRY DOCK RD	EOP TO NC615	3	2	2WU	0.08	16		*														
2022CPT.01.03.20272.1	Currituck	15	SR1256 WOODLEIGH RD	NC615 TO NC615	3	2	2WU	1.85	18		*				19,906	12,210					19,906	12,210			
2022CPT.01.03.20272.1	Currituck	16	SR1255 KNOTTS ISLAND RD	NC615 TO VA LINE	3	2	2WU	0.93	19		*				10,007	6,138					10,007	6,138			
2022CPT.01.03.20272.1	Currituck	17	SR1361 HASTINGS DR	DEAD END TO DEAD END	3	2	2WU	0.27	31		*														
2022CPT.01.03.20272.1	Currituck	18	SR1272 CLARKS RD	NC168 TO DEAD END	3	2	2WU	0.23	17		*														
2022CPT.01.03.20272.1	Currituck	19	SR1360 VINCENT DR	SR1361 HASTINGS DR TO SR1281 BEECHWOOD	3	2	2WU	0.08	31		*														
2022CPT.01.03.20272.1	Currituck	20	SR1388 PROVIDENCE RD	DEADEND TO SR1387 WILD WOOD DR	3	2	2WU	0.59	18		*														
2022CPT.01.03.20272.1	Currituck	21	SR1358 NORTH POINT RD	CDS TO BEGIN 3 LANE	3	2	2WU	0.35	20		*														
2022CPT.01.03.20272.1	Currituck	22	SR1389 OXFORD RD	SR1388 PROVIDENCE DR TO SR1502 QUEEN	3	2	2WU	0.19	20		*														
2022CPT.01.03.20272.1	Currituck	23	SR1502 QUEEN ANNE RD	SR1388 PROVIDENCE DR TO SR1387 WILD WOOD	3	2	2WU	0.37	20		*														
2022CPT.01.03.20272.1	Currituck	24	SR1367 POINT HARBOR RD	SR1368 SOUTH ST TO SR1358 NORTH POINT BLVD	3	2	2WU	0.11	20		*														
2022CPT.01.03.20272.1	Currituck	25	SR1387 WILDWOOD DR	SR1216 PUDDING RIDGE RD TO DEAD END	3	2	2WU	0.56	20		*														
2022CPT.01.03.20272.1	Currituck	26	SR1368 SOUTH ST	CDS TO CDS	3	2	2WU	0.33	21		*														
2022CPT.01.03.20272.1	Currituck	27	SR1544 RUDDY LANE	SR1384 FENTRESS DR TO CDS	3	2	2WU	0.08	21		*														
2022CPT.01.03.20272.1	Currituck	28	SR1396 SHEPHERDS WAY	SR1256 WOODLEIGH RD TO CDS	3	2	2WU	0.15	19		*														
2022CPT.01.03.20272.1	Currituck	29	SR1385 WADE AVE	SR1384 FENTRESS DR TO CDS	3	2	2WU	0.13	21		*														
2022CPT.01.03.20272.1	Currituck	20	SR1370 PARKER LANE	NC615 TO DEADEND	3	2	2WU	0.23	19		*														
2022CPT.01.03.20272.1	Currituck	21	SR1534 KNOTTS LANDING LANE	CDS TO CDS	3	2	2WU	0.16	20		*														
2022CPT.01.03.20272.1	Currituck	22	SR1397 JONES RD	NC615 TO SR1534 KNOTTS LANDING LN	3	2	2WU	0.43	20		*														
2022CPT.01.03.20272.1	Currituck	23	SR1226 MOYOCK SCHOOL RD	DEADEND TO SR1516 SHINGLE LANDING RD	3	2	2WU	0.11	24		*			3	600		110				3	600		110	
2022CPT.01.03.20272.1	Currituck	24	SR1315 CREEK DR	SR1281 BEECHWOOD SHORES DR TO CDS	3	2	2WU	0.25	19		*														
2022CPT.01.03.20272.1	Currituck	25	SR1281 BEECHWOOD SHORES DR	NC168 TO CDS	3	2	2WU	0.87	22		*														
2022CPT.01.03.20272.1	Currituck	26	SR1384 FENTRESS DR	NC615 FERRY DOCK RD TO CDS	3	2	2WU	0.47	21		*														
2022CPT.01.03.20272.1	Currituck	27	SR1314 MOYOCK ELEMENTARY SCHOOL RD	SR1516 SHINGLE LANDING RD TO EOP	3	2	2WU	0.05	10		*														
TOTAL FOR PROJ NO. 2022CPT.01.03.20272.1								11.62							3	37,768	23,166	140			3	38,368	23,166	140	
																60,934			3		61,534				
GRAND TOTAL								23.78		1,512	1	56,813	34,848	2	3	292,780	179,286	575	2	3	109,061	66,528	575	350	
																91,661			5		472,066				

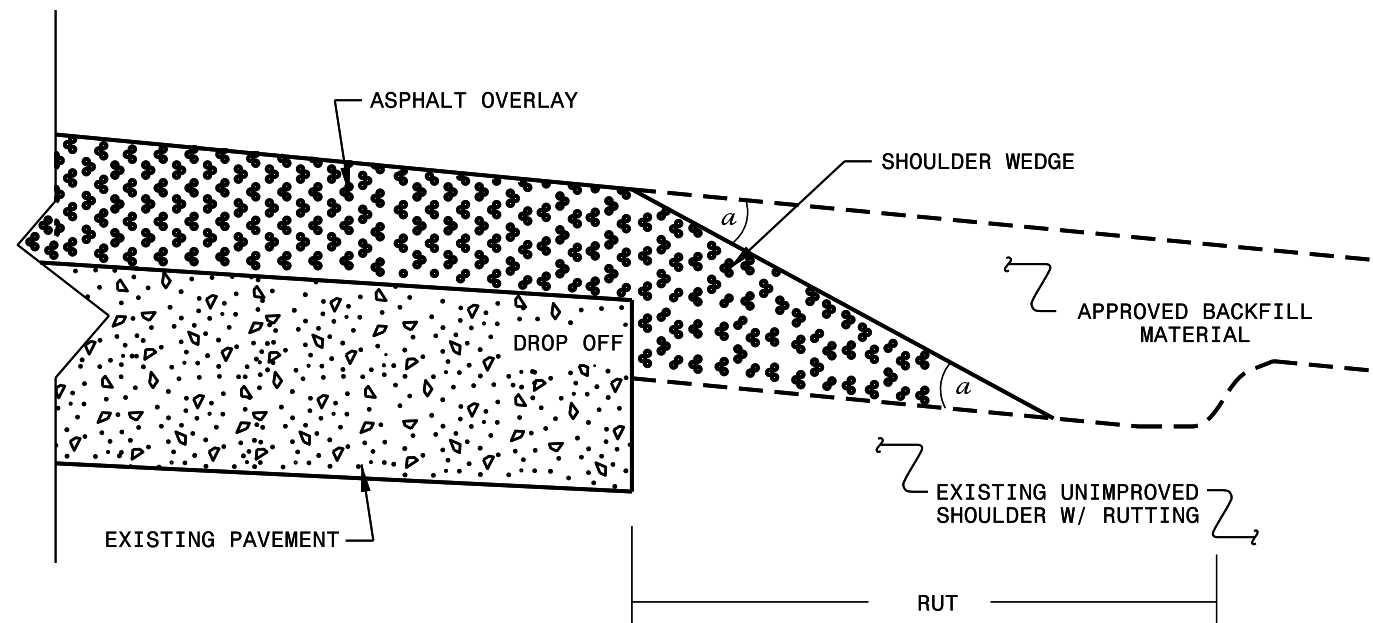
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ Widening or
 with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)





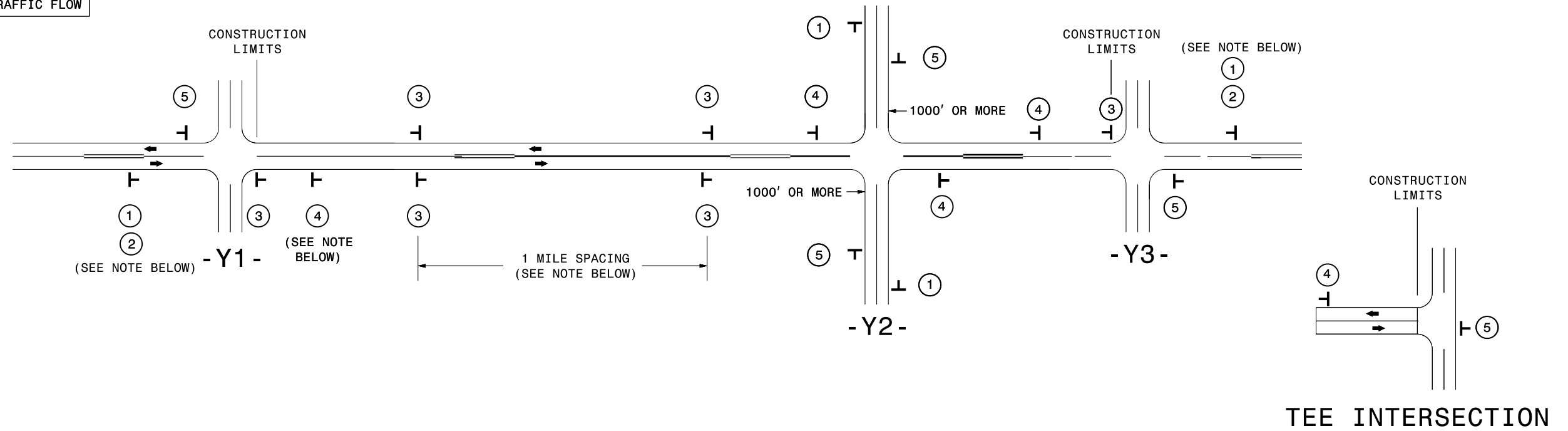
SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)






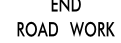
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
SHOULDER WEDGE DETAILS	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 10/16/12
CHECKED BY:	DATE:
FILE SPEC.: s:usr/details/stand/shoulderwedgedetail.dgn	

SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW





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.
	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 WARNING SIGNS.	

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:


- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

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.


W20-1
48" X 48"


W20-7 A
48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER.






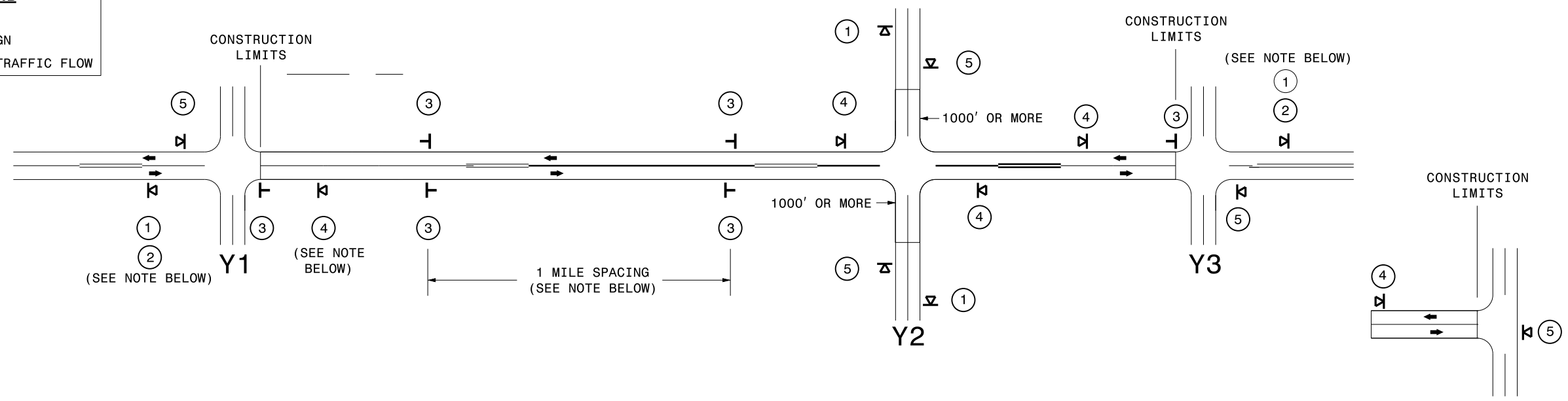
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

04-AUG-2021 10:37 S:\Contracts\6) Proposed Resurfacing\DA00509 Curr\truck Pr1, Sec, Thin-lift\Design Files\DA00509DL_sh5-shld.dgn \$\$\$USERNAME\$\$\$

SIGNING FOR ASPHALT SURFACE TREATMENT








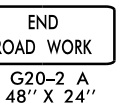
LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW

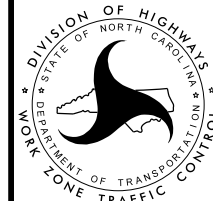


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</p>	<p>STATIONARY SIGNING NOT REQUIRED 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;">  W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;">  W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	 	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
		<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>	
	<p>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.</p>		
<p>MAPS LESS THAN 2 MILES</p>	<p>FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.</p>		

TEE INTERSECTION



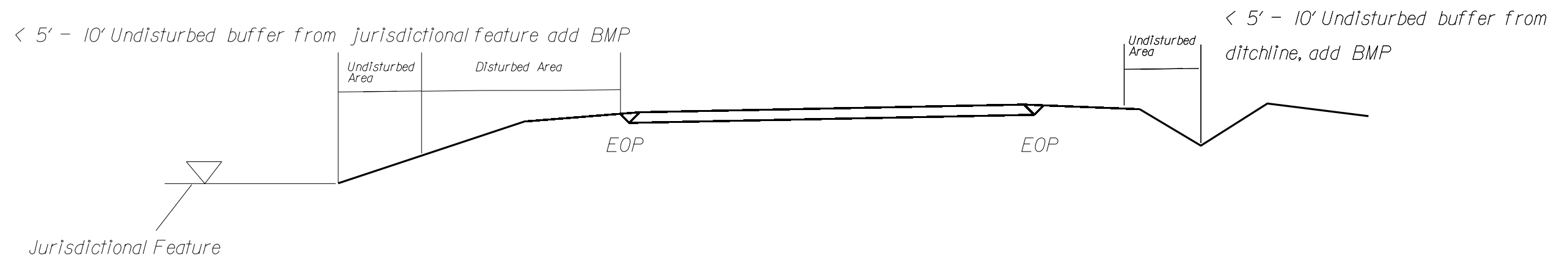
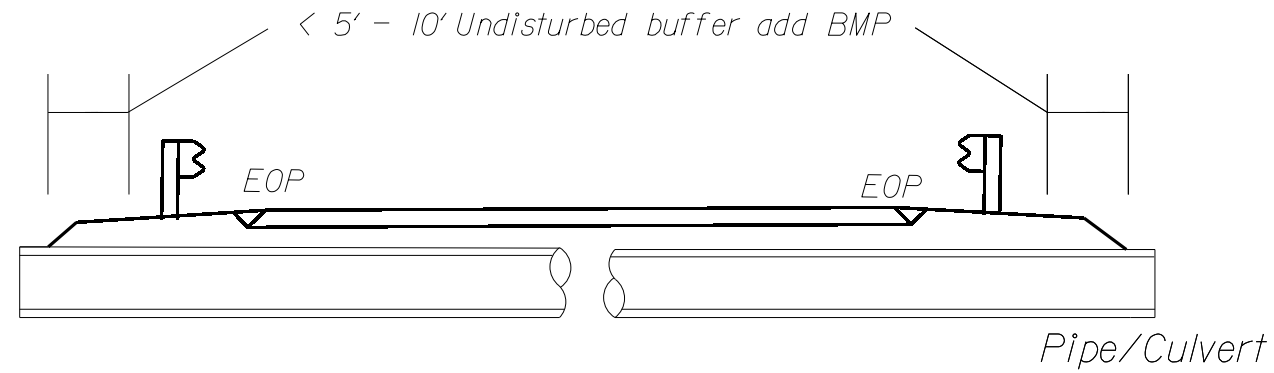
ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

04-AUG-2021 10:38 S:\Contractors\6) Proposed Resurfacing\DA00509 Curr\ituck Pri, Sec, Thin-lift\Design Files\DA00509D1_sh5-sh14.dgn \$\$\$USERNAME\$\$\$

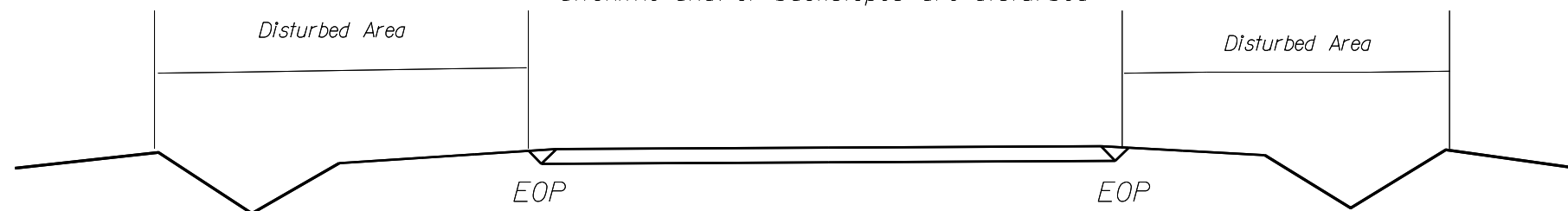
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

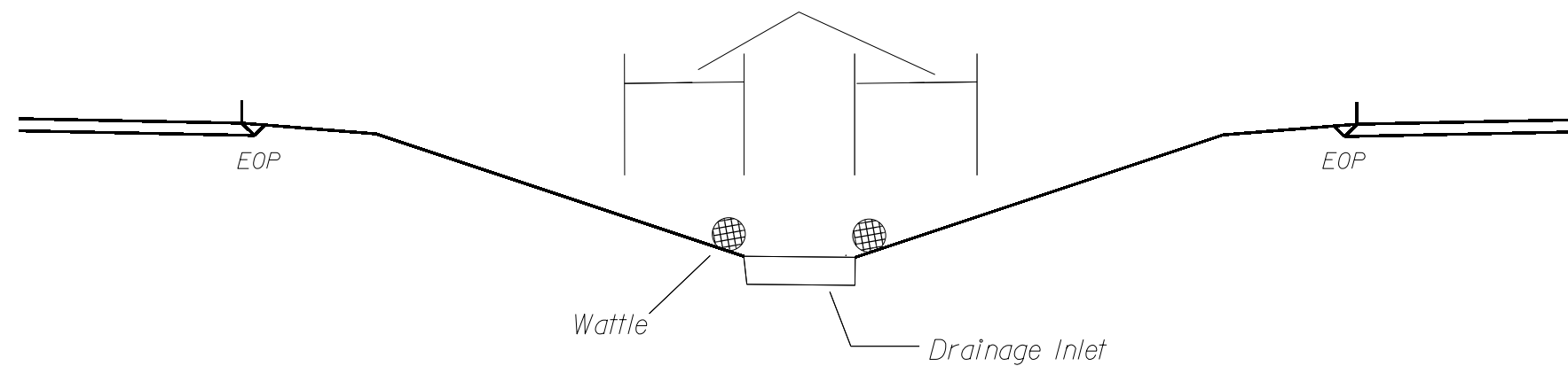
EROSION CONTROL DETAIL



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

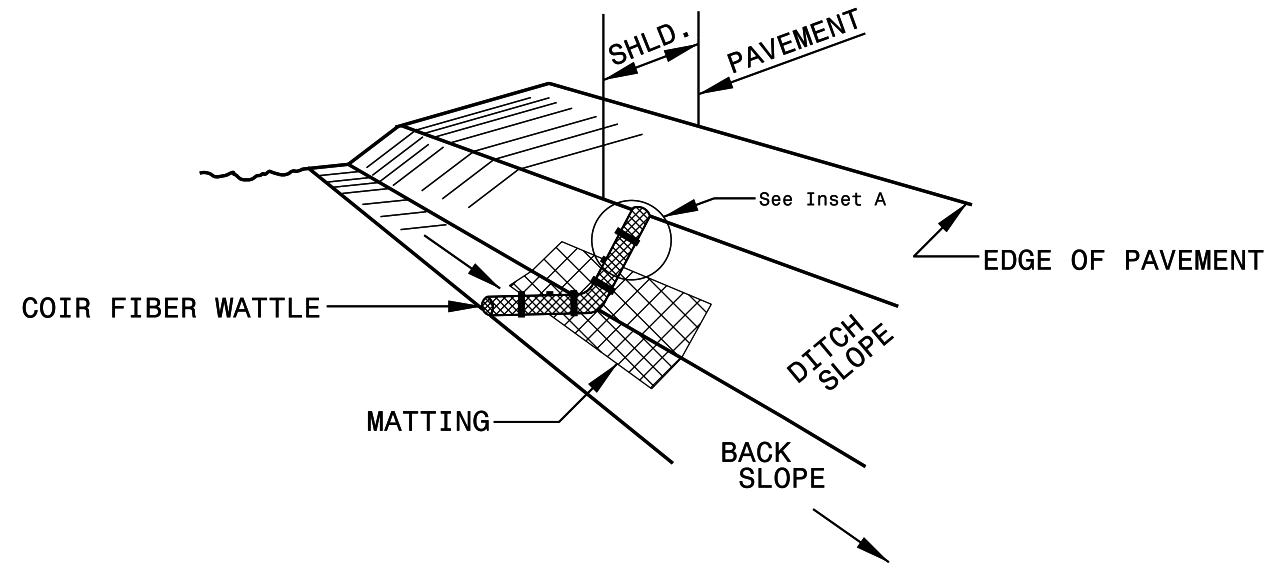


< 5' - 10' Undisturbed buffer from inlet, add wattle

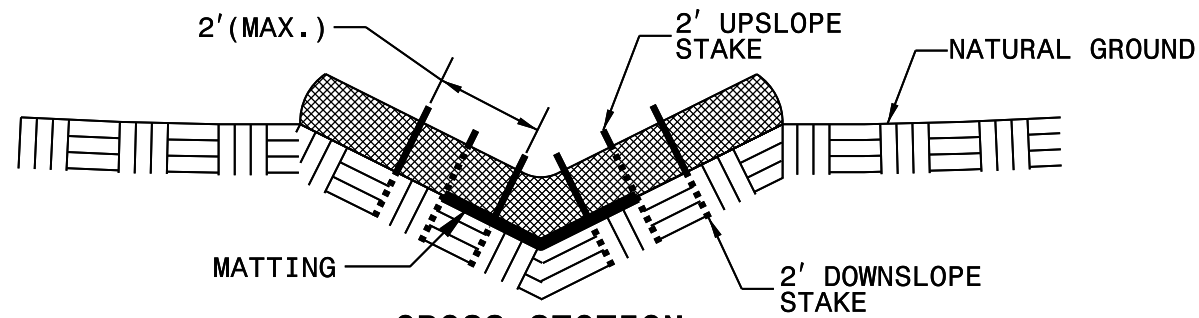


NOT TO SCALE

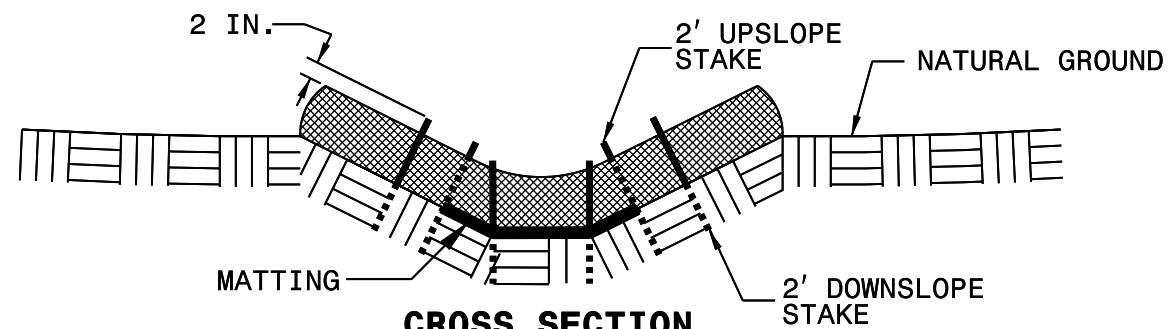
COIR FIBER WATTLE DETAIL



ISOMETRIC VIEW



**CROSS SECTION
VEE DITCH**



**CROSS SECTION
TRAPEZOIDAL DITCH**

NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

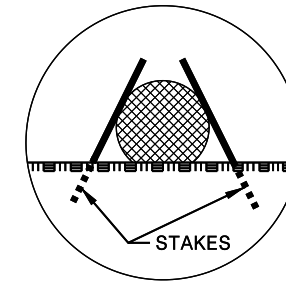
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

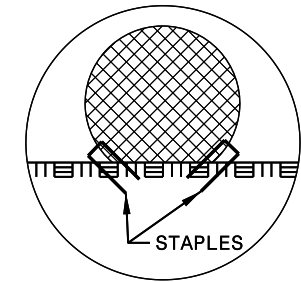
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

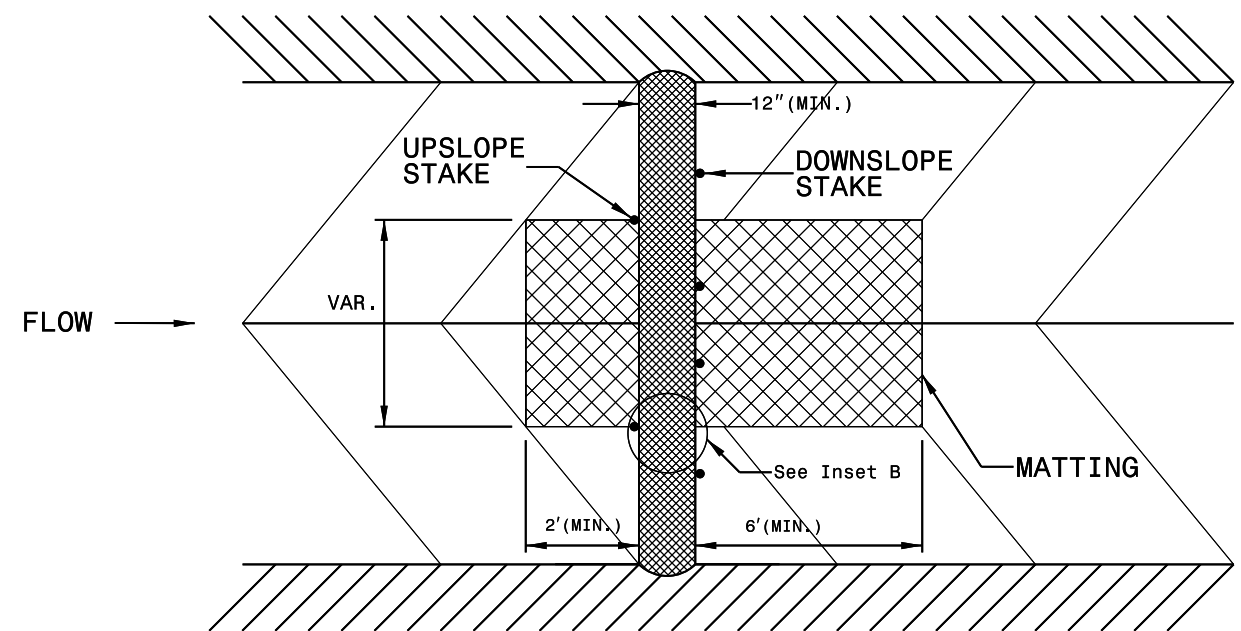
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
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.