

CONTRACT: DA00507 WBS PROJECT: 2022CPT.01.06.20481.1, ETC.

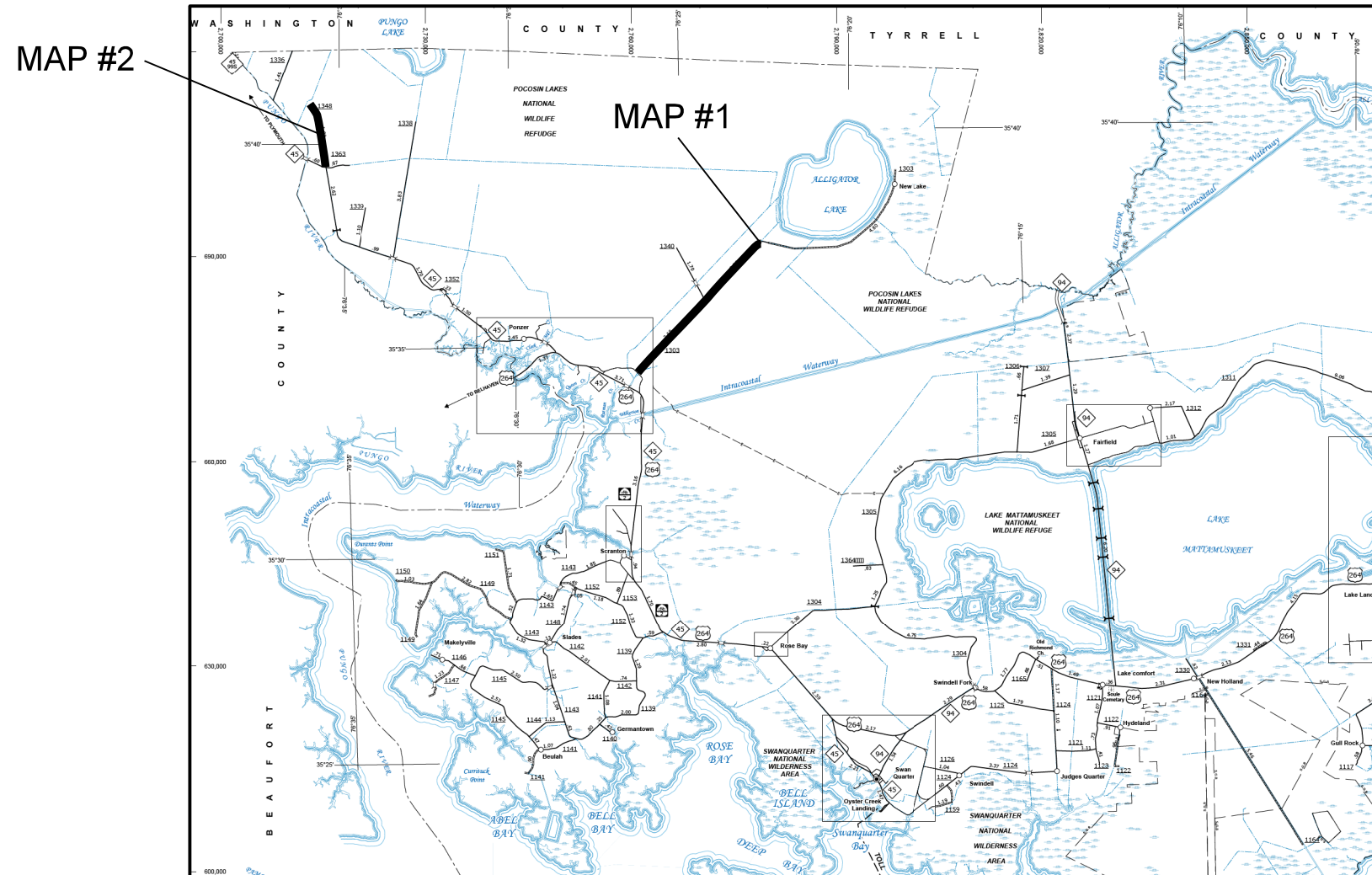
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HYDE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.06.20481.1, ETC.	1
STATE PROJ. NO.		DESCRIPTION
2022CPT.01.06.20481.1		PE, CONST

LOCATION: MAP #1 - SR 1303 (NEW LAKE RD) FROM SR 1302 TO EOP
MAP #2 - SR 1348 (PATS RD) FROM NC 45 TO EOM

TYPE OF WORK: AST (DOUBLE SEAL) & RESURFACING



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #1 = 5.07 MILES
MAP #2 = 1.82 MILES

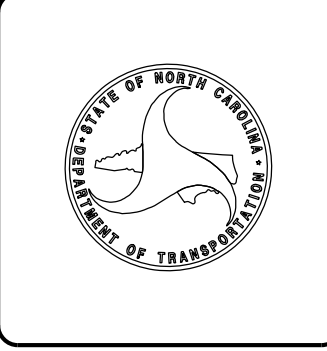
Prepared In the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC, 27932

2018 STANDARD SPECIFICATIONS

W.B. HOBBS, P.E.
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION PROPOSALS ENGINEER

S.P. FENWICK, PLS
DESIGN ENGINEER



CONTRACT: DA00507 WBS PROJECT: 2022CPT.01.06.20481.1, ETC.

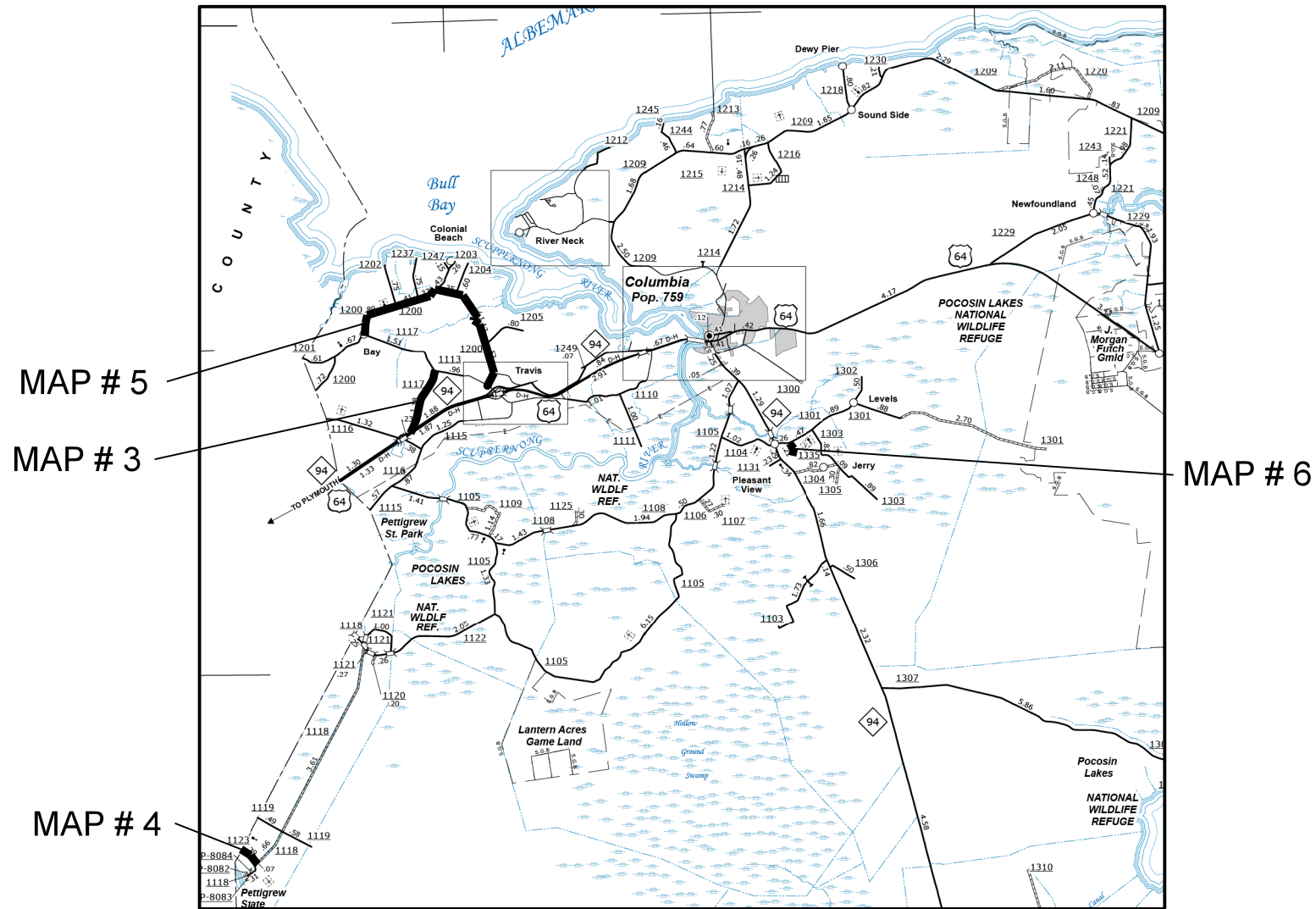
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TYRRELL COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.06.20481.1, ETC.	2
STATE PROJ. NO.		DESCRIPTION
2022CPT.01.06.20891.1		PE, CONST

LOCATION: MAP #3 - SR 1117 (RACCOON RD) FROM SR 1113 TO NC 94
 MAP #4 - SR 1123 (LAKE SHORE RD) FROM SR 1118 TO WASHINGTON CO. LINE
 MAP #5 - SR 1200 (ALBEMARLE CHURCH RD) FROM NC 94 TO SR 1117
 MAP #6 - SR 1325 (MOORE RD) FROM CUL DE SAC TO SR 1301

TYPE OF WORK: AST (SINGLE/DOUBLE) & RESURFACING



GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #3 = 1.18 MILES
 MAP #4 = 0.39 MILES
 MAP #5 = 4.23 MILES
 MAP #6 = 0.21 MILES

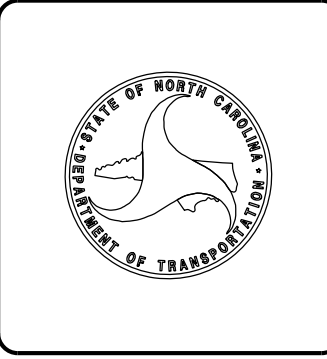
Prepared In the Office of:
DIVISION OF HIGHWAYS
 113 AIRPORT DR., EDENTON, NC, 27932

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 DIVISION PROJECT TEAM LEAD

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 DIVISION PROPOSALS ENGINEER

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 DESIGN ENGINEER



CONTRACT: DA00507 WBS ELEMENT: 2022CPT.01.06.20481.1, ETC.

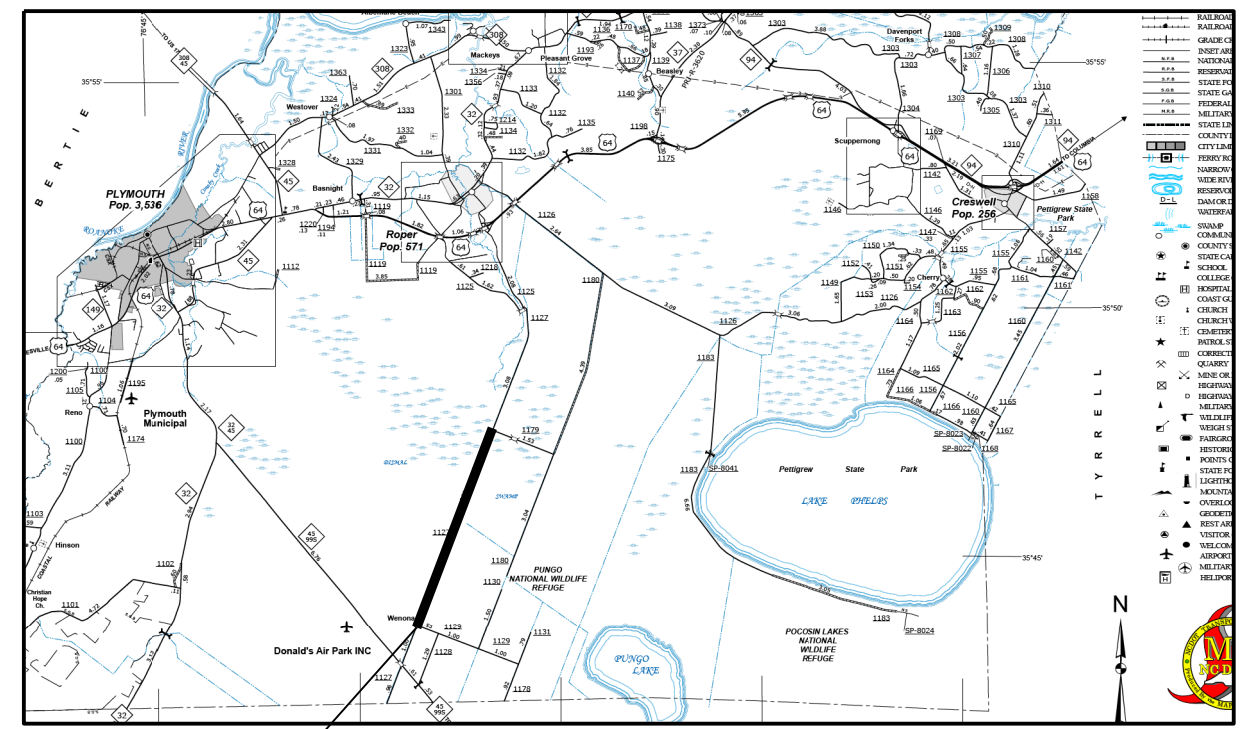
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WASHINGTON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2022CPT.01.06.20481.1, ETC.	3
STATE PROJ. NO.	DESCRIPTION	
2022CPT.01.06.20941.1	PE, CONST	

LOCATION: MAP # 7 - SR 1127 (RAILROAD BED RD) FROM SR 1129 TO SR 1179

TYPE OF WORK: MILLING & RESURFACING



MAP # 7

GRAPHIC SCALES

NTS

PROJECT LENGTH

MAP #22 = 4.90 MILES

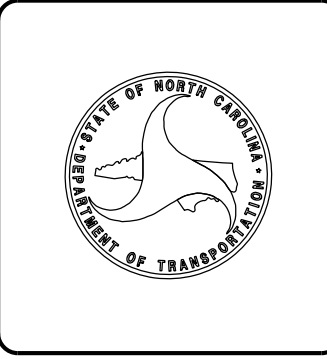
Prepared In the Office of:
DIVISION OF HIGHWAYS
113 Airport Dr., Edenton NC, 27944

2018 STANDARD SPECIFICATIONS

W. B. HOBBS, PE
DIVISION PROJECT TEAM LEAD

CHRIS SLACHTA
DIVISION PROPOSALS ENGINEER

S. P. FENWICK, PE
DIVISION DESIGN ENGINEER

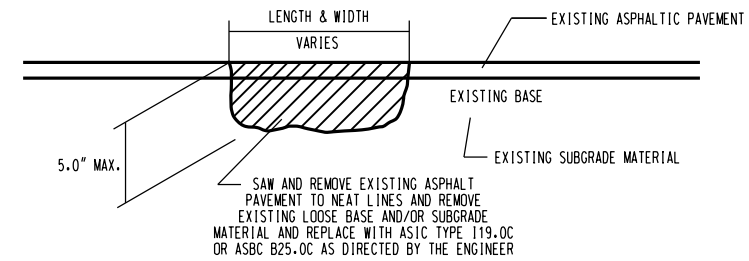


PAVEMENT SCHEDULE

C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C1	PROP. APPROX. 2.5" ASPHALT CONCRETE SURFACE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	ASPHALT SURFACE TREATMENT, SINGLE SEAL
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT.
V1	MILLING ASPHALT PAVEMENT. 2.5" IN DEPTH.
T	EARTH MATERIAL

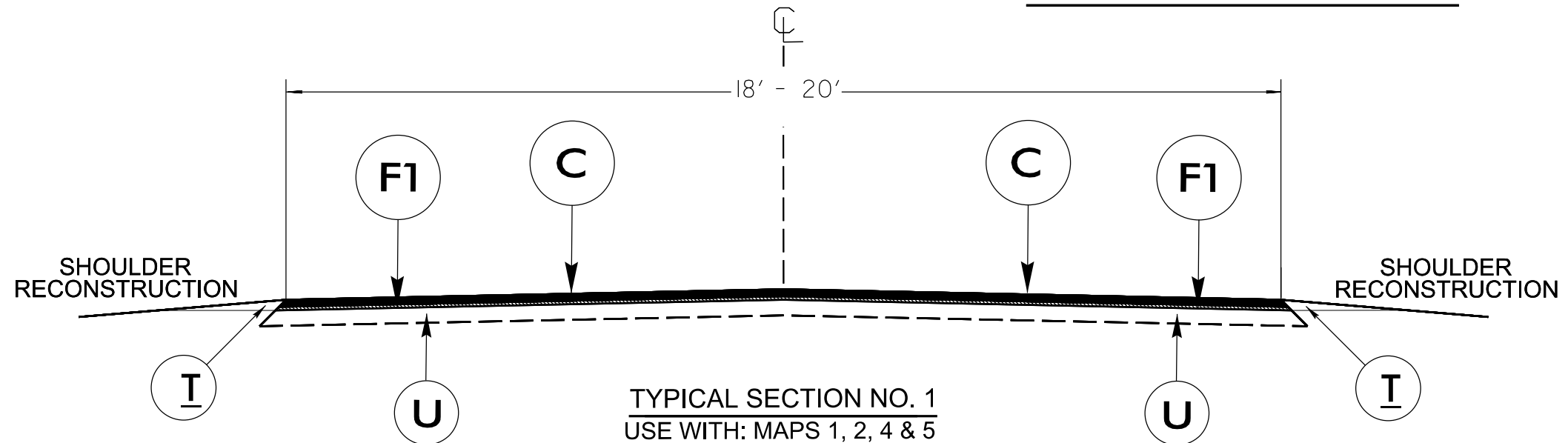
NOTES:

- * 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 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.
- * DENSITY TESTING WILL BE REQUIRED PER QMS MANUAL FOR ANY MIX THAT IS APPLIED AT A RATE OF 100 LBS.PER SQ. YD. OR HIGHER



*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"

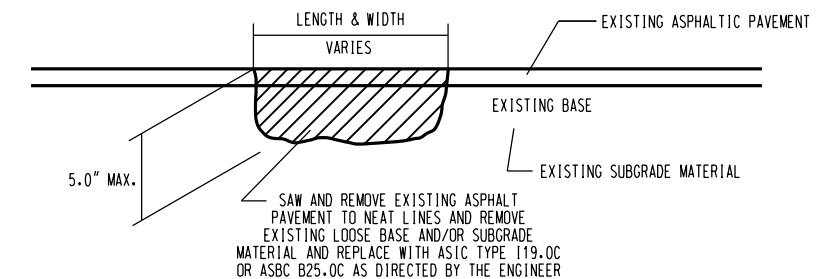


PAVEMENT SCHEDULE

C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C1	PROP. APPROX. 2.5" ASPHALT CONCRETE SURFACE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	ASPHALT SURFACE TREATMENT, SINGLE SEAL
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT.
V1	MILLING ASPHALT PAVEMENT. 2.5" IN DEPTH.
T	EARTH MATERIAL

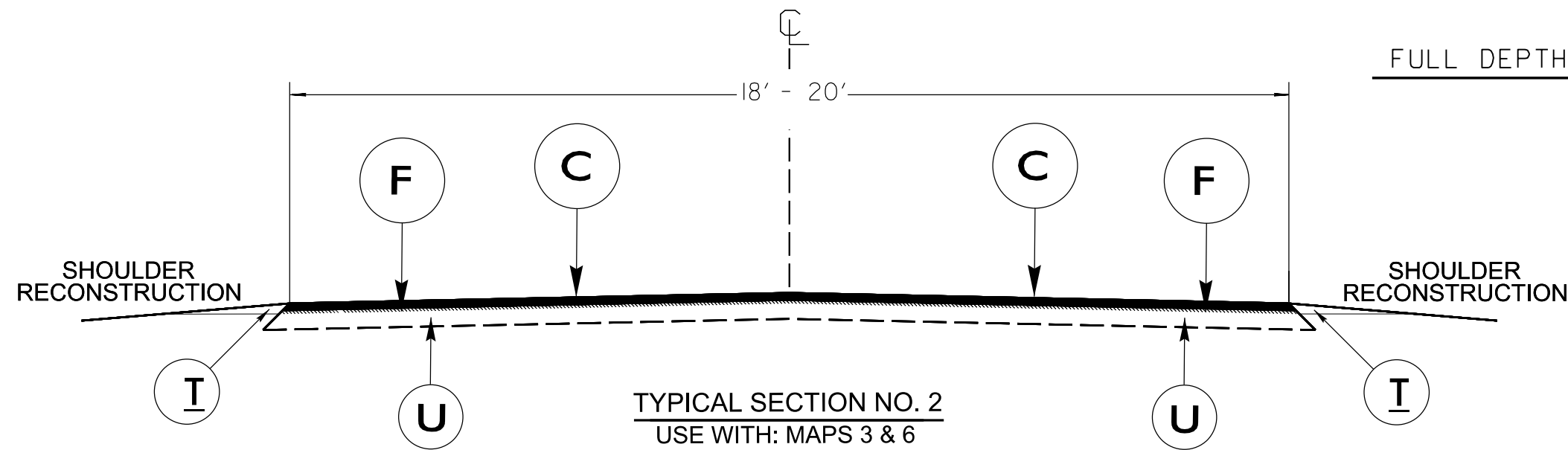
NOTES:

- * 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 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.
- * ASPHALT SURFACE TREATMENT (SINGLE SEAL) CONSISTS OF: ONE LAYER OF EMULSIFIED ASPHALT GRADE CRS-2L AT A RATE OF 0.28± GAL/SY AND ONE LAYER OF 5/16 LIGHTWEIGHT AGGREGATE AT A RATE OF 9± LBS/SY.
- * DENSITY TESTING WILL BE REQUIRED PER QMS MANUAL FOR ANY MIX THAT IS APPLIED AT A RATE OF 100 LBS.PER SQ. YD. OR HIGHER



*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. 2
USE WITH: MAPS 3 & 6

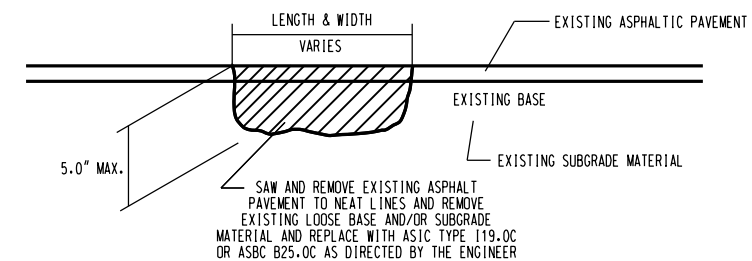
6/22/19
23-FEB-2022 11:44
C:\CCT-2021\61\Proposed Resurfacing\DA00507_Hyde, Turrell, & Washington\Design Files\DA00507_Didde_sh4-7_9-14.dgn
\$\$\$\$\$SYTIME\$\$\$\$\$

PAVEMENT SCHEDULE

C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
**C1	PROP. APPROX. 2.5" ASPHALT CONCRETE SURFACE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
F	ASPHALT SURFACE TREATMENT, SINGLE SEAL
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
U	EXISTING PAVEMENT.
**V1	MILLING ASPHALT PAVEMENT. 2.5" IN DEPTH.
T	EARTH MATERIAL
T1	AGGREGATE SHOULDER BORROW

NOTES:

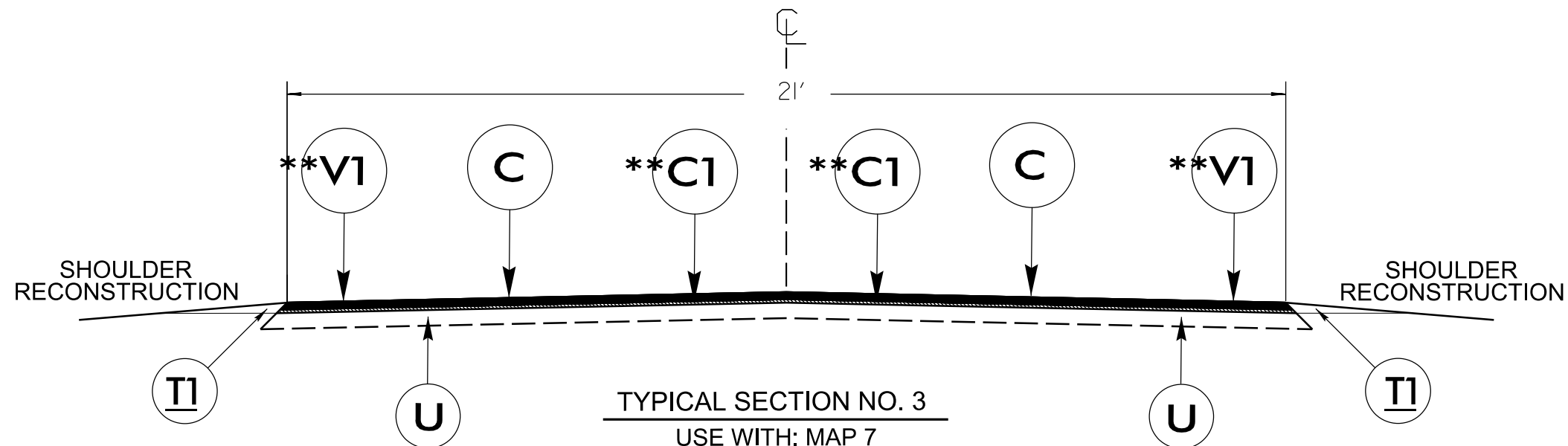
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES
- * ENTIRE WIDTH OF THE ROADWAY IS TO BE MILLED PRIOR TO THE PLACEMENT OF I19.0C AND MILLED LANES MUST BE LEFT EVEN AT THE END OF EACH WORK DAY.
- * DENSITY TESTING WILL BE REQUIRED PER QMS MANUAL FOR ANY MIX THAT IS APPLIED AT A RATE OF 100 LBS. PER SQ. YD. OR HIGHER



*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"

** MILLING ASPHALT PAVEMENT, 2.5 IN. DEPTH AND 2.5 IN. ACIC, TYPE I19.0C TO BE APPLIED ONLY FROM STA 158+46 TO STA 246+50 APPROXIMATELY 1.667 MILES OR AS DIRECTED BY ENGINEER. BEGINING STATION IS 2+17.00 AT INTERSECTION SR 1129 (LAKE RD).



6/2/19 03-MAR-2022 13:41 S:\Center\Projects\2022\Proposed Resurfacing\0400507_Hyde, Turrell, & Washington\1) Pre-Bid Documents\Design Files\0400507_Dliddc.sh4-7_9-14.dgn

PROJECT NO.	SHEET NO.
2022CPT.01.06.20481.1, ETC.	7

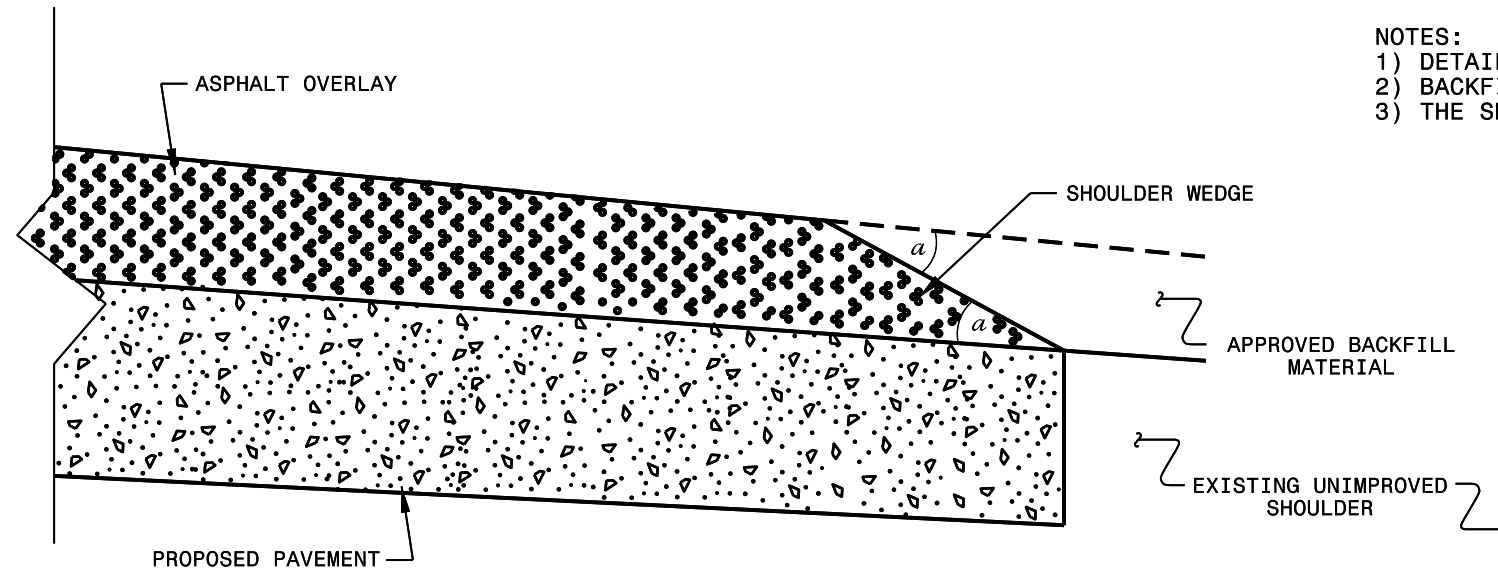
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT 2.5"	INCIDENTAL MILLING	ASPHALT CONC INTERMEDIATE COURSE, I19.0C	ASPHALT CONC SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, SINGLE SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	GENERIC PAVING ITEM FULL DEPTH PATCHING 0-5 IN	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL	
										MI	FT	LS	CY	TONS	SMI	SY	SY	TONS	TONS	TONS	SY	SY	GAL	TON	LF	LF	ACR	EA	
2022CPT.01.06.20481.1	Hyde	1	SR 1303 NEW LAKE RD	SR 1302 HIGGINSPO RT TO EOP	1	2	2WU	NO	NO	5.07	20	1	1,014	101	10.14		200		5,503	369	60,343		36,210	125	100	100	5.1	5	
2022CPT.01.06.20481.1	Hyde	2	SR 1348 PATS RD	NC45 TO EOM	1	2	2WU	NO	NO	1.82	18	*	364	36	3.64		200		1,757	118	19,219		11,535	30	100	100	1.8	2	
TOTAL FOR PROJ NO. 2022CPT.01.06.20481.1										6.89			1,378	137	13.78		400		7,260	487	79,562		47,745	155	200	200	6.9	7	
2022CPT.01.06.20891.1	Tyrrell	3	SR 1117 RACoon RD	SR 1113 TO NC94	2	2	2WU	NO	NO	1.18	20	*	236	24	2.36		200		1,264	85		13,845	4,160	20	100	100	1.2	2	
2022CPT.01.06.20891.1	Tyrrell	4	SR 1123 LAKE SHORE DR	SR 1118 MAGNOLIA RD TO WASHINGTON CO LINE	1	2	2WU	NO	NO	0.39	20	*	78	8	0.78		200		428	29	4,696		2,820	20	100	100	0.4	1	
2022CPT.01.06.20891.1	Tyrrell	5	SR 1200 ALBEMARLE CHURCH RD	NC94 TO SR 1117 BAY POST OFFICE RD	1	2	2WU	NO	NO	4.23	20	*	846	85	8.46		800		4,707	315	51,742		31,050	20	100	100	4.2	4	
2022CPT.01.06.20891.1	Tyrrell	6	SR 1325 MOORE RD	CDS TO SR1301 LEVELS RD	2	2	2WU	NO	NO	0.21	18	*	42	4	0.42		200		228	15		2,529	800	20	100	100	0.2	1	
TOTAL FOR PROJ NO. 2022CPT.01.06.20891.1										6.01			1,202	121	12.02		1,400		6,627	444	56,438		16,374	38,830	80	400	400	6.0	8
2022CPT.01.06.20941.1	Washington	7	SR 1127 RAILROAD BED RD	SR 1129 LAKE RD TO SR 1179 NORTH SLOPE RD	3	2	2WU	NO	NO	4.9	21	*	1,012	98	4.90	20,944	400	3,282	5,552	530				60					
TOTAL FOR PROJ NO. 2022CPT.01.06.20941.1										4.9			1,012	98	4.90	20,944	400	3,282	5,552	530			60						
GRAND TOTAL										17.8		1	3,592	356	30.70	20,944	2,200	3,282	19,439	1,461	136,000	16,374	86,575	295	600	600	12.9	15	

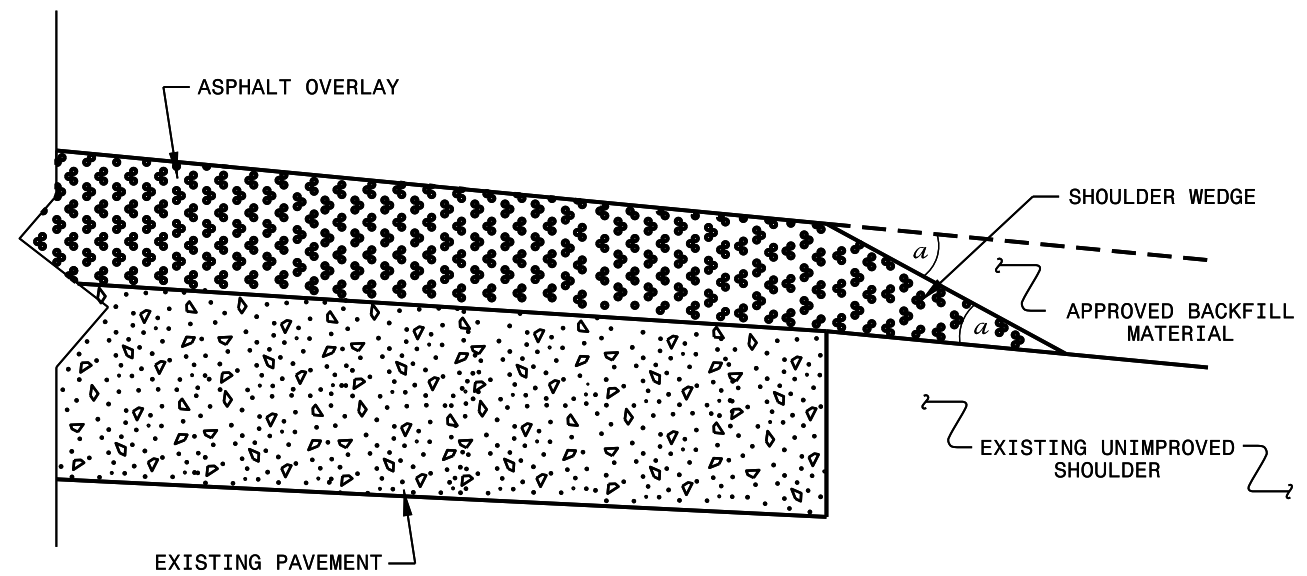
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	WORK ZONE ADV/GEN WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	GEN PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) WHITE	GEN PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) YELLOW
										MI	FT	SF	LS	LF	LF	LF	LFT
2022CPT.01.06.20481.1	Hyde	1	SR 1303 NEW LAKE RD	SR 1302 HIGGINSPO RT TO EOP	1	2	2WU	NO	NO	5.07	20	512	1	54,553	66,924	54,553	33,462
2022CPT.01.06.20481.1	Hyde	2	SR 1348 PATS RD	NC45 TO EOM	1	2	2WU	NO	NO	1.82	18	*	*	19,583	24,024	19,583	12,012
TOTAL FOR PROJ NO. 2022CPT.01.06.20481.1										6.89		512		74,136	90,948	74,136	45,474
2022CPT.01.06.20891.1	Tyrrell	3	SR 1117 RACoon RD	SR 1113 TO NC94	2	2	2WU	NO	NO	1.18	20	*	*	12,697	15,576	12,697	7,788
2022CPT.01.06.20891.1	Tyrrell	4	SR 1123 LAKE SHORE DR	SR 1118 MAGNOLIA RD TO WASHINGTON CO LINE	1	2	2WU	NO	NO	0.39	20	*	*	4,196	5,148	4,196	2,574
2022CPT.01.06.20891.1	Tyrrell	5	SR 1200 ALBEMARLE CHURCH RD	NC94 TO SR 1117 BAY POST OFFICE RD	1	2	2WU	NO	NO	4.23	20	728	*	45,515	55,836	45,515	27,918
2022CPT.01.06.20891.1	Tyrrell	6	SR 1325 MOORE RD	CDS TO SR1301 LEVELS RD	2	2	2WU	NO	NO	0.21	18	*	*				
TOTAL FOR PROJ NO. 2022CPT.01.06.20891.1										6.01		728		62,408	76,560	62,408	38,280
														138,968		100,688	
2022CPT.01.06.20941.1	Washington	7	SR 1127 RAILROAD BED RD	SR 1129 LAKE RD TO SR 1179 NORTH SLOPE RD	3	2	2WU	NO	NO	4.9	21	424	*	52,724	44,340	52,724	32,340
TOTAL FOR PROJ NO. 2022CPT.01.06.20941.1										4.9		424		52,724	44,340	52,724	32,340
GRAND TOTAL										17.8		1,664	1	189,268	211,848	189,268	116,094
														401,116		305,362	

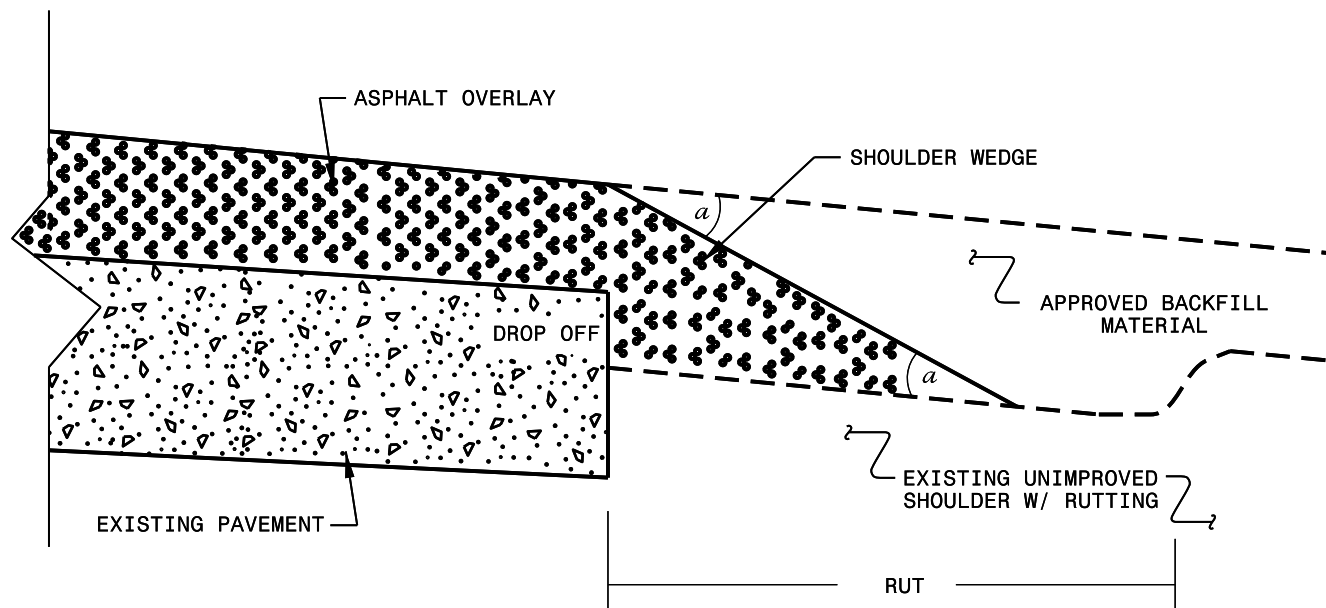
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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

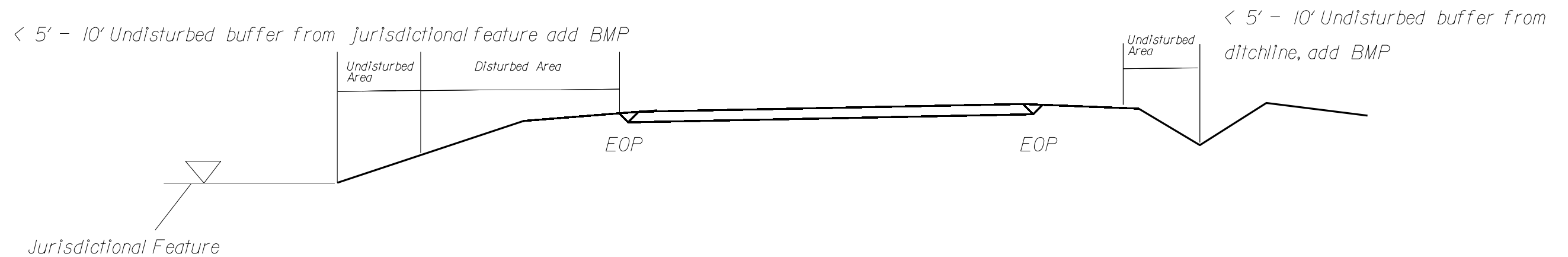
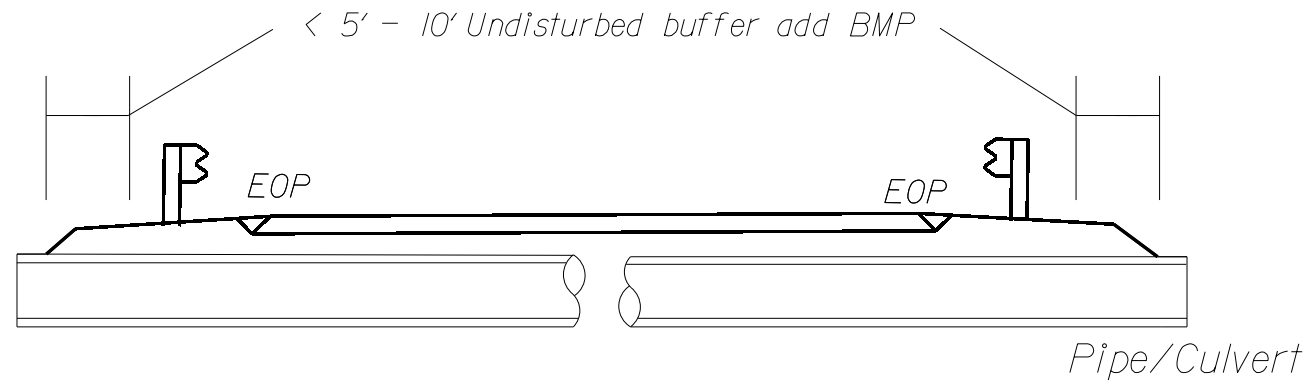
**SHOULDER WEDGE
 DETAILS**

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	

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

BMP Options: Wattle or Silt Fence

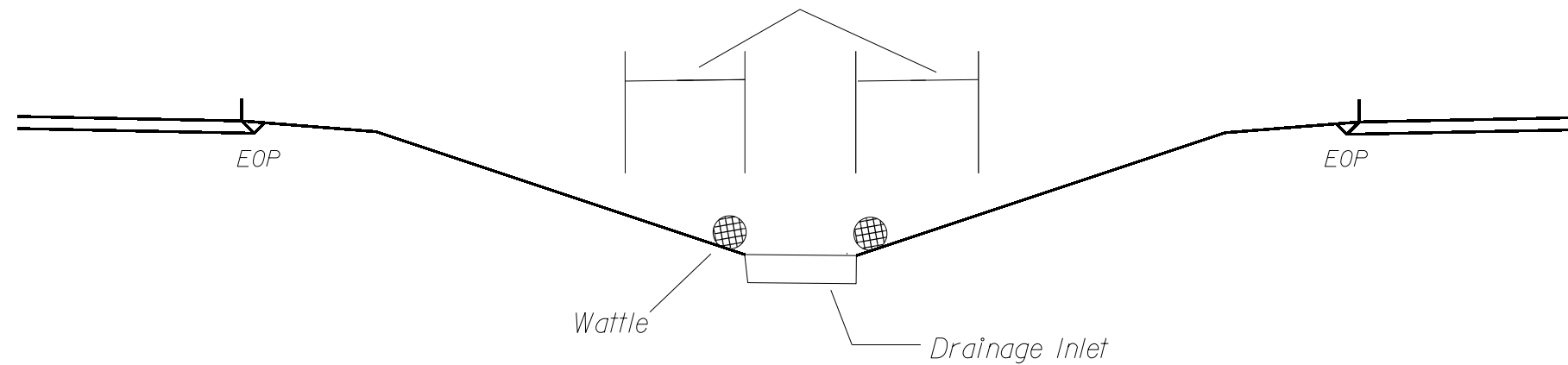
EROSION CONTROL DETAIL



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

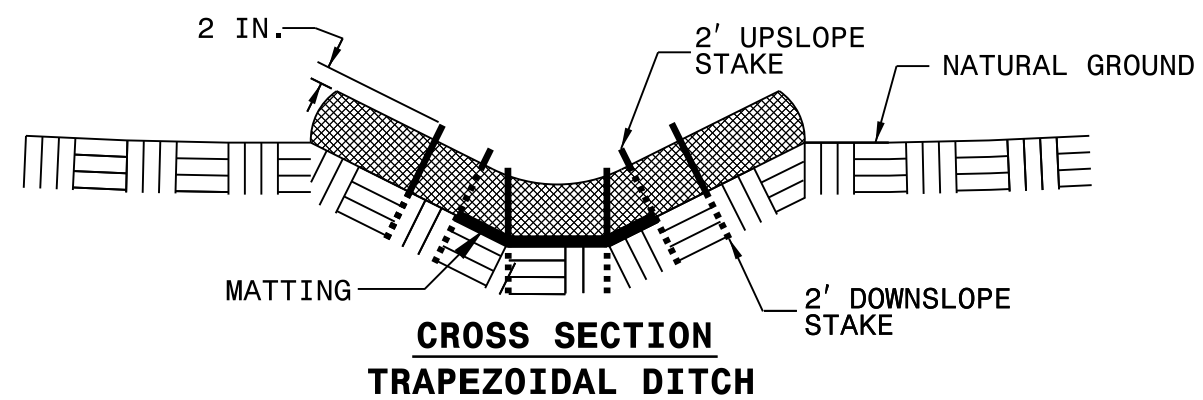
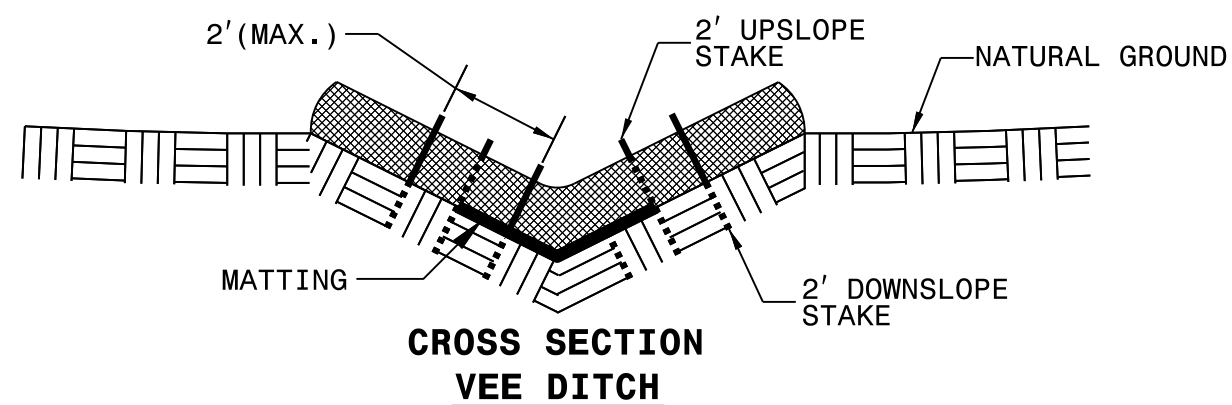
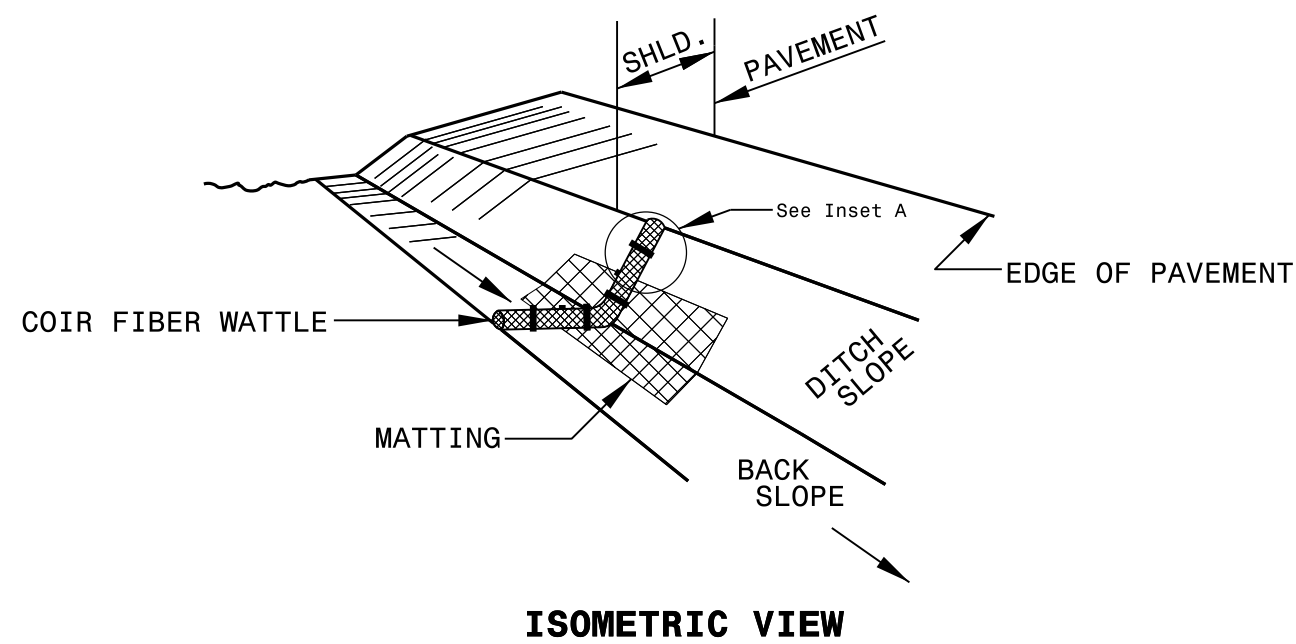


< 5' - 10' Undisturbed buffer from inlet, add wattle

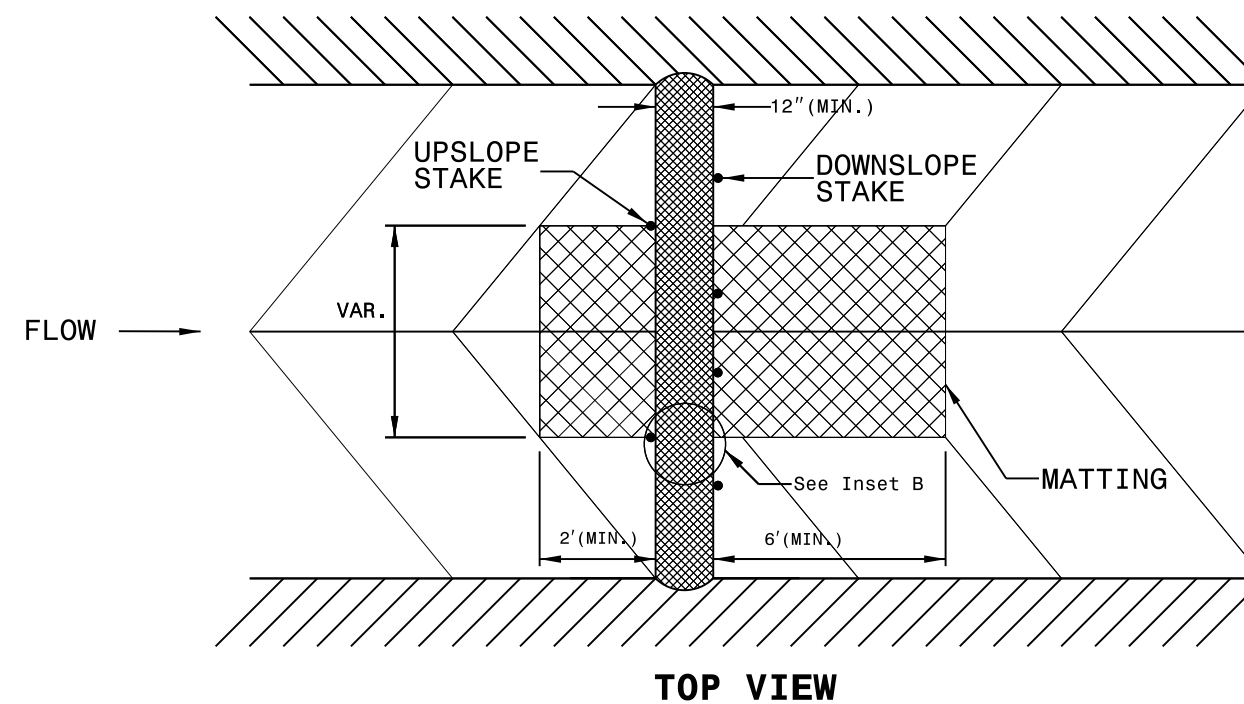
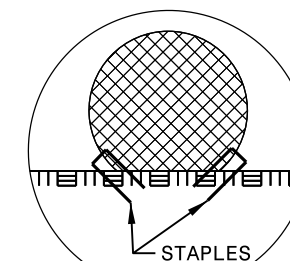
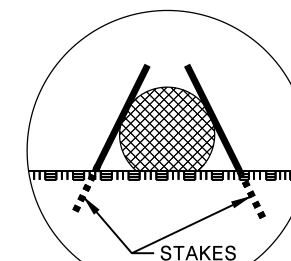


NOT TO SCALE

COIR FIBER WATTLE DETAIL



- 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.



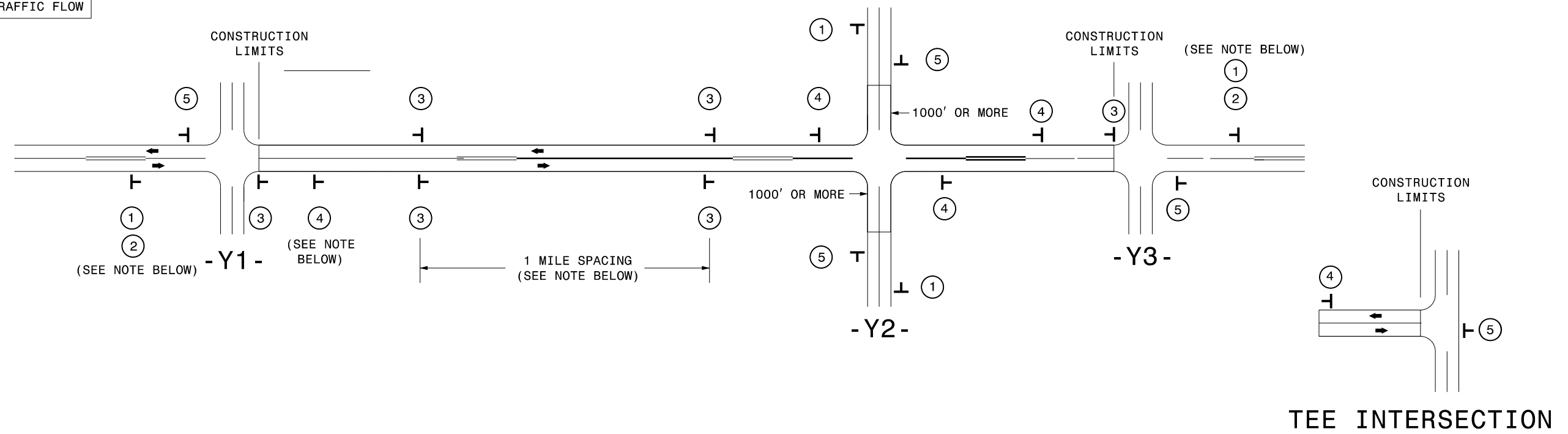
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

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.








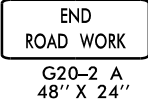
SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW

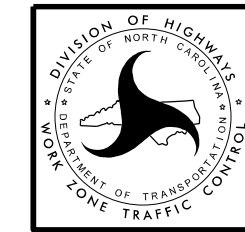


MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①	 W20-1 48" X 48"	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;">  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>
	②	 W7-3aP 24" X 18"	#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	 SP 13107 48" X 48"  W16-10 48" X 48"	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>- STARTING WITH "LOW/SOFT SHOULDER" (SP 13107) FOLLOWED BY "UNMARKED PAVEMENT AHEAD" (WB16-10)</p> <p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
	④	 SP 13106 48" X 48"	<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- 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>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p>	
	⑤	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
<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>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.</p>				

MAPS LESS THAN 2 MILES






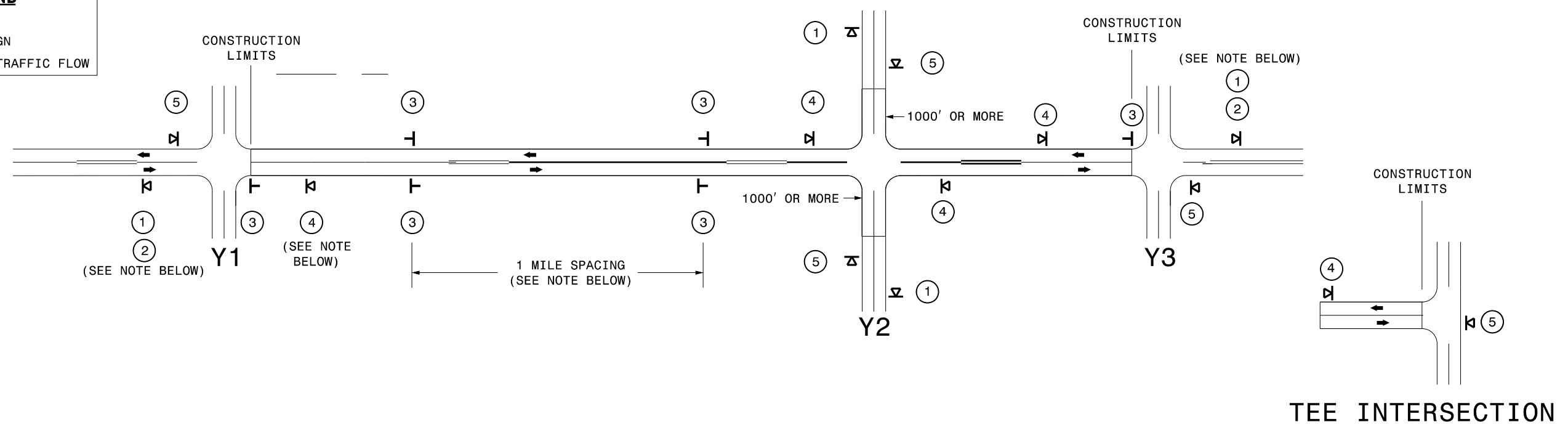
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

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SIGNING FOR ASPHALT SURFACE TREATMENT








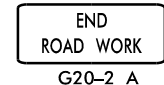
LEGEND

-  PORTABLE SIGN
-  STATIONARY SIGN
-  DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

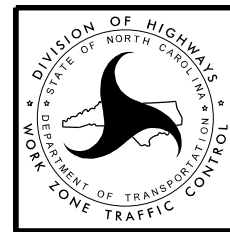
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	①		- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<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;">  <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;">  <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	②		- 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.	
	③	 <small>W8-7 48" X 48"</small>  <small>SP W16-10 48" X 48"</small>	<p>- ALTERNATE THE FOLLOWING TWO SIGNS:</p> <ul style="list-style-type: none"> - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT AHEAD" (W16-10). - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	④		<small>SP 13106 48" X 48"</small> <ul style="list-style-type: none"> - 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. 	
	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 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.



ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

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