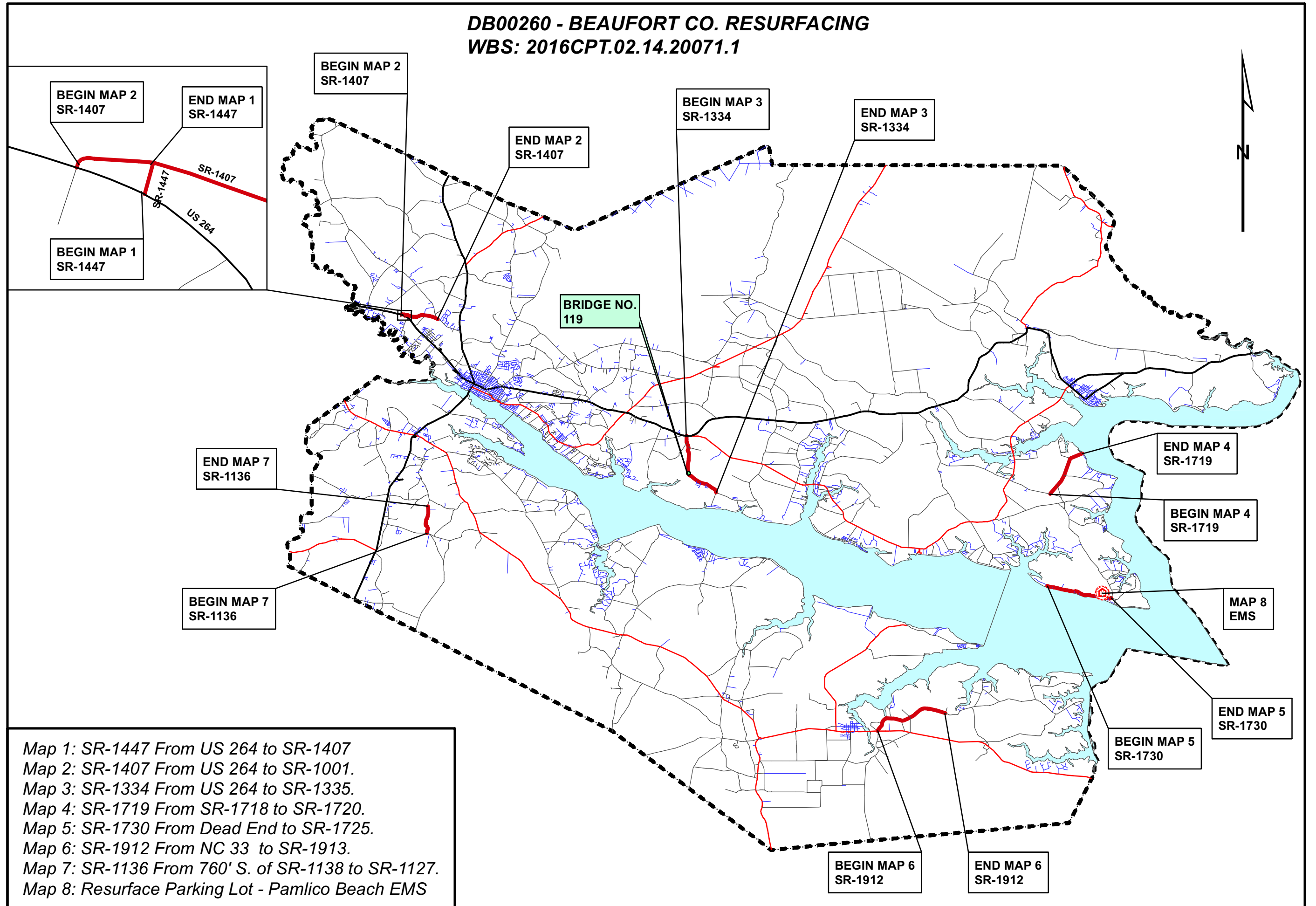


DB00260 - BEAUFORT CO. RESURFACING
WBS: 2016CPT.02.14.20071.1



BEGIN MAP 2
SR-1407

END MAP 1
SR-1447

BEGIN MAP 2
SR-1407

BEGIN MAP 3
SR-1334

END MAP 3
SR-1334

END MAP 2
SR-1407

BEGIN MAP 1
SR-1447

BRIDGE NO.
119

END MAP 7
SR-1136

END MAP 4
SR-1719

BEGIN MAP 4
SR-1719

BEGIN MAP 7
SR-1136

MAP 8
EMS

END MAP 5
SR-1730

BEGIN MAP 5
SR-1730

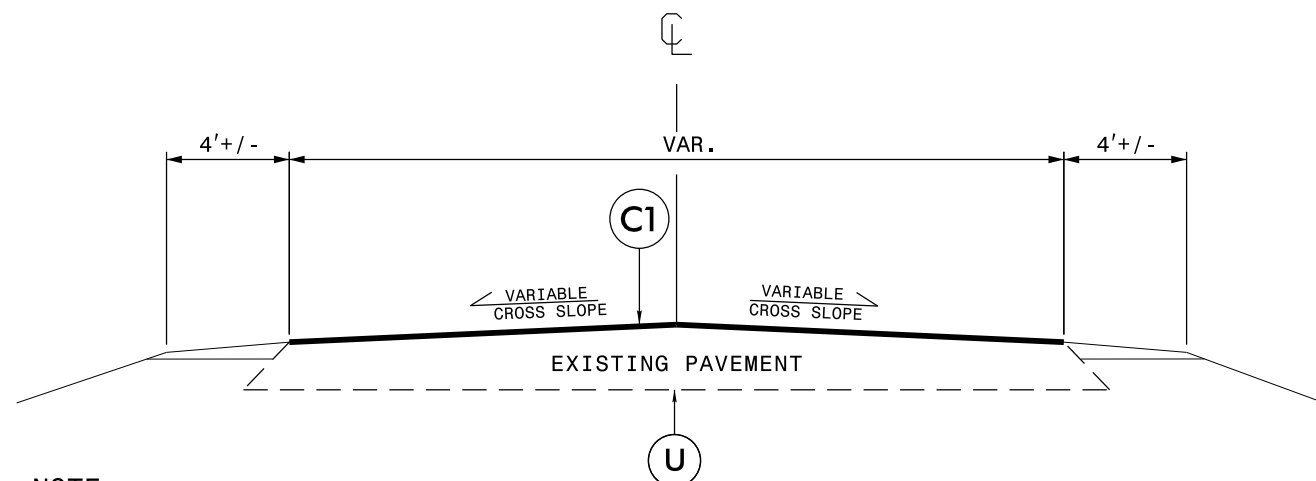
BEGIN MAP 6
SR-1912

END MAP 6
SR-1912

- Map 1: SR-1447 From US 264 to SR-1407
- Map 2: SR-1407 From US 264 to SR-1001.
- Map 3: SR-1334 From US 264 to SR-1335.
- Map 4: SR-1719 From SR-1718 to SR-1720.
- Map 5: SR-1730 From Dead End to SR-1725.
- Map 6: SR-1912 From NC 33 to SR-1913.
- Map 7: SR-1136 From 760' S. of SR-1138 to SR-1127.
- Map 8: Resurface Parking Lot - Pamlico Beach EMS

TYPICAL SECTION NO. 1

- Map 1: SR-1447 From US 264 to SR-1407
- Map 2: SR-1407 From US 264 to SR-1001.
- Map 3: SR-1334 From US 264 to SR-1335.
- Map 4: SR-1719 From SR-1718 to SR-1720.
- Map 5: SR-1730 From Dead End to SR-1725.
- Map 6: SR-1912 From NC 33 to SR-1913.
- Map 7: SR-1136 From 760' S. of SR-1138 to SR-1127.

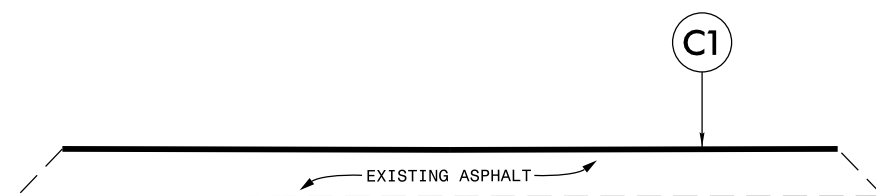


NOTE:

1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIL LINE SECTIONS AND BRIDGE APPROACHES OR AS DIRECTED BY THE ENGINEER.
3. MAPS 1,2,5 & 7 WILL REQUIRE A WEDGE COURSE USING I19.0B IN VARIOUS LOCATIONS PER THE WEDGE DETAIL AND SHORT OVERLAYS USING I19.0B IN VARIOUS LOCATIONS AS DIRECTED BY THE ENGINEER.

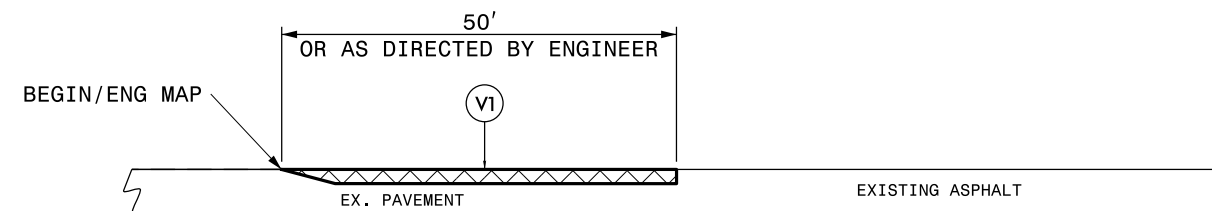
TYPICAL SECTION NO. 2

MAP 8: Resurface Parking Lot at Pamlico Beach, EMS



NOTE:

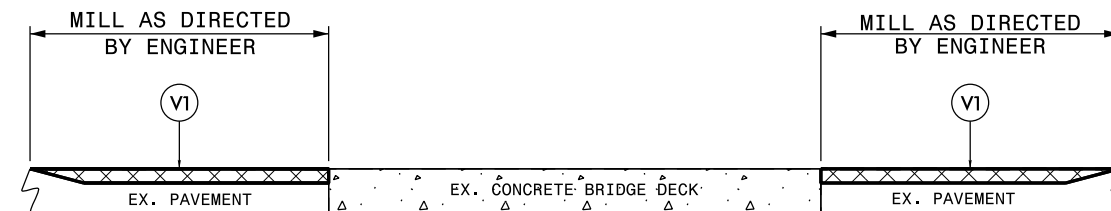
1. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.



MAIN LINE MILLING

NOTE:

1. MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



BRIDGE MILLING

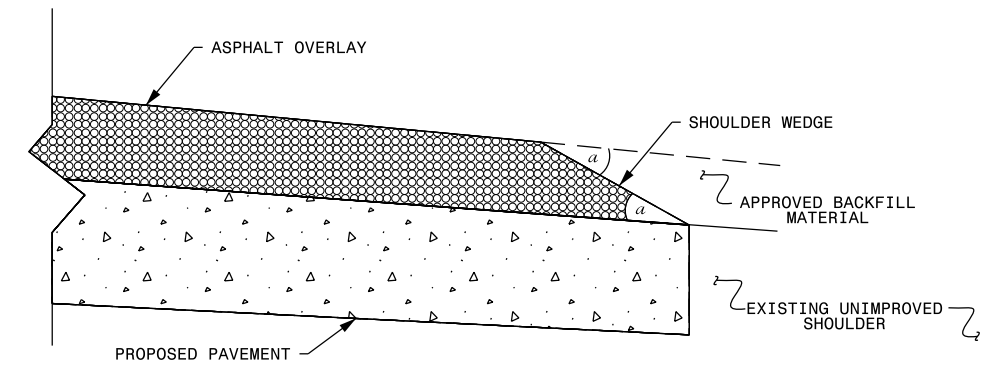
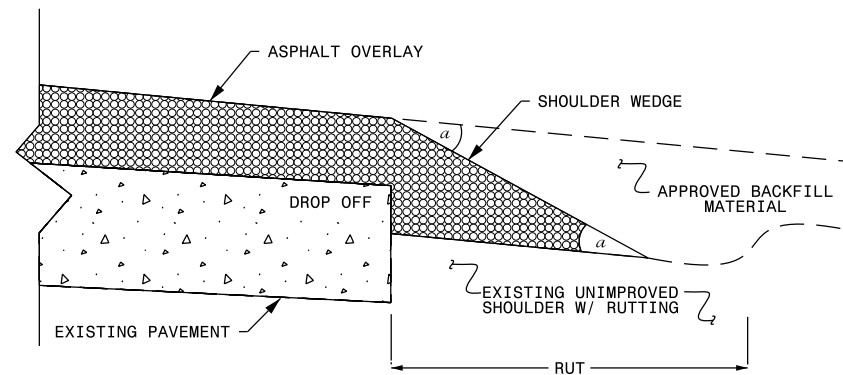
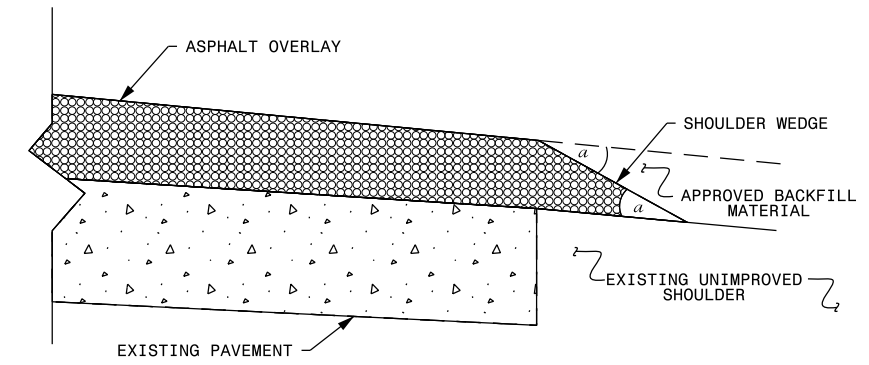
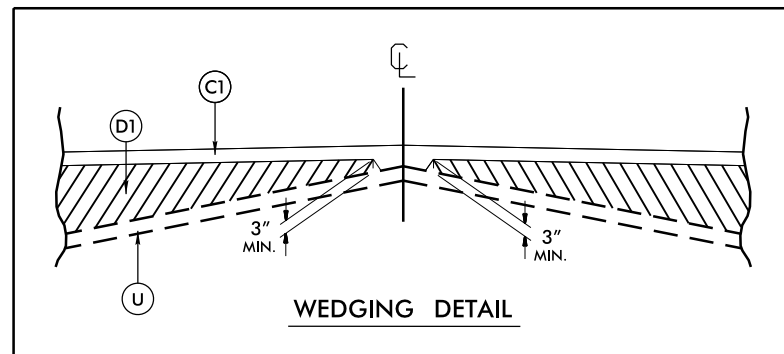
NOTE:

1. MILLING SHALL BE PERFORMED AT BRIDGE APPROACHES FOR BRIDGE 119, AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1 3/4" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5A, AT AN AVERAGE RATE OF 192.5 LBS. PER SQ. YD.
D1	PROP. APPROX. 0"-4" OF ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B.
V1	INCIDENTAL MILLING AT BRIDGE APPROACHES AND MAP TIE-INS, OR AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT
DRAWINGS NOT TO SCALE	

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



- NOTES:
1. DETAIL DOES NOT APPLY TO OGAFC 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.

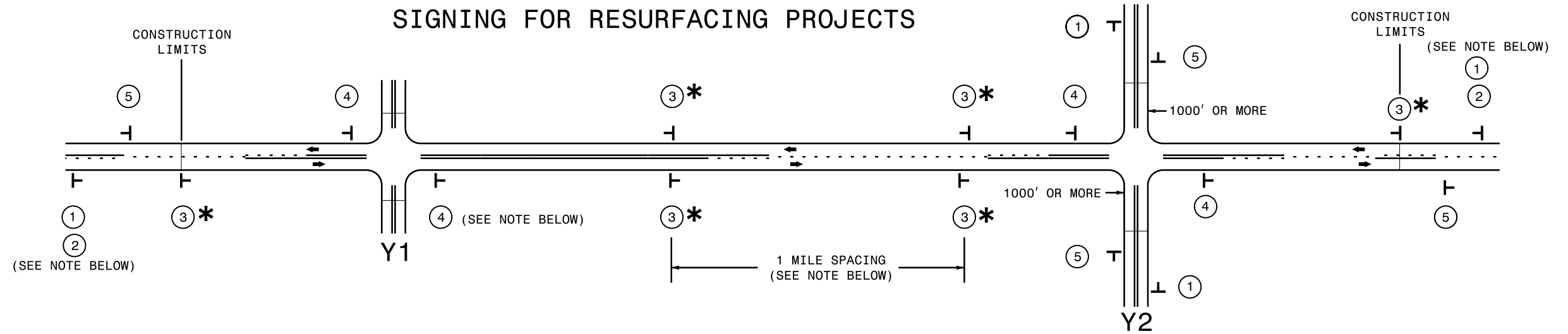
- SHOULDER WEDGE ANGLE = 30°

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, 19.08 TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS
2016CPT.02.14.20071.1	Beaufort	1	SR 1447	FROM US 264 TC SR-1407	1	2	2WU	NO	NO	0.04	26	150	40	75	7
TOTAL FOR MAP NO. 1										0.04		150	40	75	7
2016CPT.02.14.20071.1	Beaufort	2	SR 1407	FROM US 264 TC SR 1001	1	2	2WU	NO	NO	1.48	22	250	75	2,085	143
TOTAL FOR MAP NO. 2										1.48		250	75	2,085	143
2016CPT.02.14.20071.1	Beaufort	3	SR 1334	FROM US 264 TC SR-1335	1	2	2WU	NO	NO	3.31	20	350		4,214	282
TOTAL FOR MAP NO. 3										3.31		350		4,214	282
2016CPT.02.14.20071.1	Beaufort	4	SR 1719	FROM SR-1718 TC SR-1720	1	2	2WU	NO	NO	2.47	18	100		2,875	193
TOTAL FOR MAP NO. 4										2.47		100		2,875	193
2016CPT.02.14.20071.1	Beaufort	5	SR 1730	FROM DEAD END TC SR-1720	1	2	2WU	NO	NO	2.67	18	100	50	3,053	207
TOTAL FOR MAP NO. 5										2.67		100	50	3,053	207
2016CPT.02.14.20071.1	Beaufort	6	SR 1912	FROM NC 33 TC SR-1913	1	2	2WU	NO	NO	3.32	20	100		3,790	254
TOTAL FOR MAP NO. 6										3.32		100		3,790	254
2016CPT.02.14.20071.1	Beaufort	7	SR 1136	FROM SR-1127 TC 760' S. OF SR-1138	1	2	2WU	NO	NO	1.38	20	250	60	1,732	119
TOTAL FOR MAP NO. 7										1.38		250	60	1,732	119
2016CPT.02.14.20071.1	Beaufort	8	PAMICO BEACH EM&S PARKING LOT		2	2	2WU	NO	NO					65	4
TOTAL FOR MAP NO. 8										0.00				65	4
TOTAL FOR PROJ NO. 2016CPT.02.14.20071.1										14.69		1,300	225	17,889	1,209
GRAND TOTAL										14.69		1,300	225	17,889	1,209

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000-E	445700000-N	
										WORK ZONE ADVANCE GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	
2016CPT.02.14.20071.1	Beaufort	1	SR 1447	FROM US 264 TO SR-1407	1	2	2WU	0.04	26		0.005	
TOTAL FOR MAP NO. 1											0.04	0.005
2016CPT.02.14.20071.1	Beaufort	2	SR 1407	FROM US 264 TO SR 1001	1	2	2WU	1.48	22	162	0.101	
TOTAL FOR MAP NO. 2											1.48	0.101
2016CPT.02.14.20071.1	Beaufort	3	SR 1334	FROM US 264 TO SR-1335	1	2	2WU	3.31	20	370	0.234	
TOTAL FOR MAP NO. 3											3.31	0.234
2016CPT.02.14.20071.1	Beaufort	4	SR 1719	FROM SR-1718 TO SR-1720	1	2	2WU	2.47	18	276	0.178	
TOTAL FOR MAP NO. 4											2.47	0.178
2016CPT.02.14.20071.1	Beaufort	5	SR 1730	FROM DEAD END TO SR-1720	1	2	2WU	2.67	18	302	0.192	
TOTAL FOR MAP NO. 5											2.67	0.192
2016CPT.02.14.20071.1	Beaufort	6	SR 1912	FROM NC 33 TO SR-1913	1	2	2WU	3.32	20	302	0.192	
TOTAL FOR MAP NO. 6											3.32	0.192
2016CPT.02.14.20071.1	Beaufort	7	SR 1136	FROM SR-1127 TO 760' S. OF SR-1138	1	2	2WU	1.38	20	156	0.098	
TOTAL FOR MAP NO. 7											1.38	0.098
2016CPT.02.14.20071.1	Beaufort	8	PAMICO BEACH EMS PARKING LOT		2	2	2WU	NA	N/A			
TOTAL FOR MAP NO. 8												
TOTAL FOR PROJ NO. 2016CPT.02.14.20071.1											14.69	1.00
GRAND TOTAL											14.69	1.00



LEGEND
 T STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW

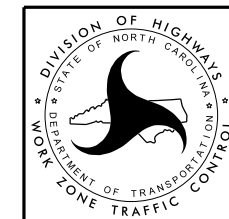
MAINLINE (-L-) SIGNING

-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>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<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, ADVANCE WARNING PORTABLE 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> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
		<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
		<p>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.</p>	
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

*** SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)**

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2 LANE ROADWAYS