

DRAWN BY: BJT

CONTRACT NO.: DA00307 WBS ELEMENT: 2017CPT.01.08.20371.1, ETC

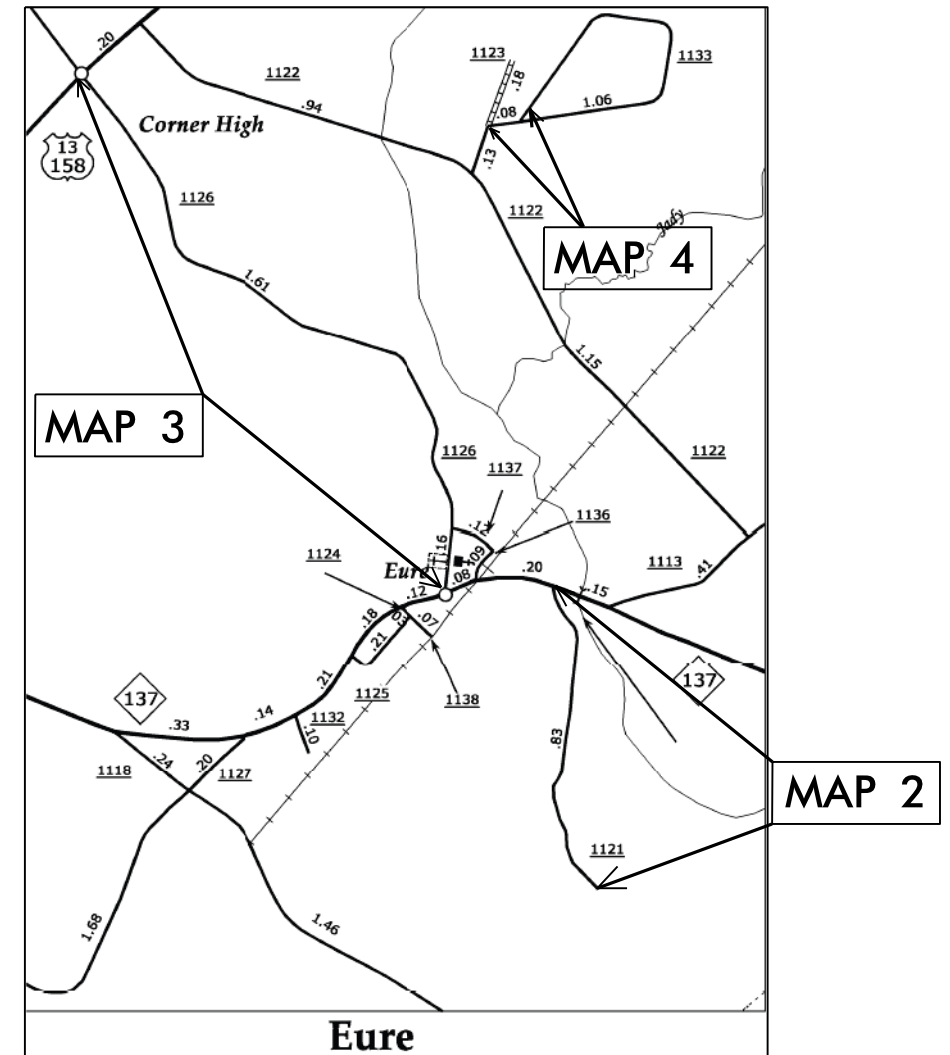
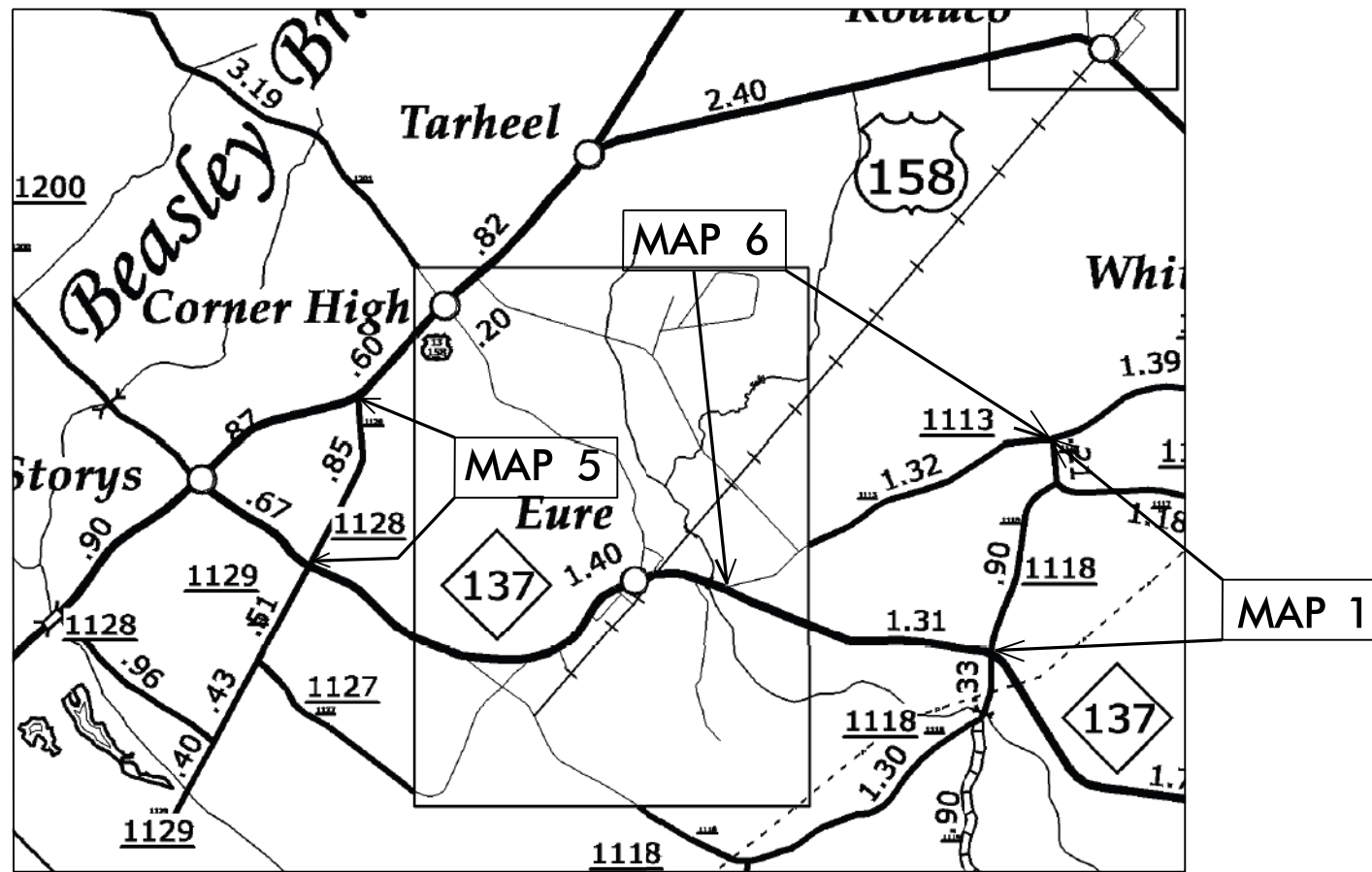
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**GATES COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2017CPT.01.08.20371.1, ETC	1	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2017CPT.01.08.20371.1		MAP 1	
2017CPT.01.08.20371.2		MAP 2	
2017CPT.01.08.20371.3		MAP 3	
2017CPT.01.08.20371.4		MAP 4	
2017CPT.01.08.20371.5		MAP 5	
2017CPT.01.08.20371.6		MAP 6	

LOCATION: MAP 1 SR 1118 TAYLOR MILL ROAD FROM SR 1113 TO NC 137  
 MAP 2 SR 1121 HARRELL ROAD FROM NC 137 TO DEAD END  
 MAP 3 SR 1126 CORNER HIGH ROAD FROM NC 137 TO US 13  
 MAP 4 SR 1133 GATES FOREST ROAD FROM SR 1123 TO SR 1133  
 MAP 5 SR 1128 BARFIELD ROAD FROM US 13 TO NC 137  
 MAP 6 SR 1113 WHITE OAK ROAD FROM NC 137 TO SR 1118

TYPE OF WORK: RESURFACING



**NTS**

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT MAP 1 = 1.11 MI.  
 LENGTH OF ROADWAY PROJECT MAP 2 = 0.83 MI.  
 LENGTH OF ROADWAY PROJECT MAP 3 = 1.77 MI.  
 LENGTH OF ROADWAY PROJECT MAP 4 = 1.13 MI.  
 LENGTH OF ROADWAY PROJECT MAP 5 = 0.85 MI.  
 LENGTH OF ROADWAY PROJECT MAP 6 = 1.73 MI.

LETTING DATE:

2012 STANDARD SPECIFICATIONS

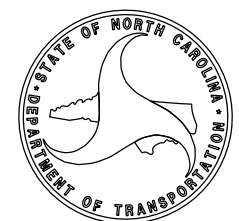
Prepared in the Office of:  
**DIVISION OF HIGHWAYS**

113 Airport Dr., Edenton NC, 27932

W.B. HOBBS, P.E.  
DIVISION PROJECT MANAGER

C.E. SLACHTA  
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA





# C O N T R A C T P A V E M E N T S C H E D U L E

C1	PROP. APPROX. 1½ " ASPHALT CONCRETE BASE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PAVEMENT SCHEDULE

PROJECT REFERENCE NO.	SHEET NO.
2017CPT.01.08.20371.1, ETC	4

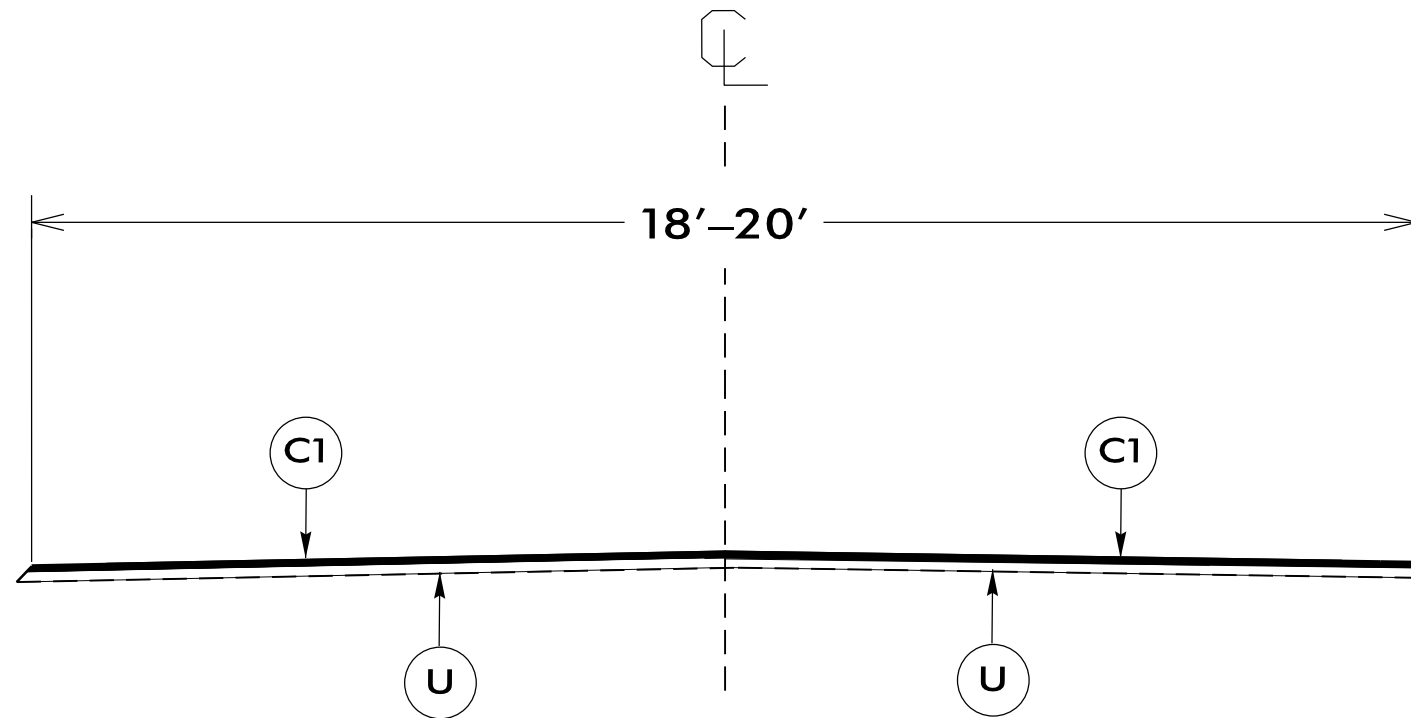
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

NOTES:

\*ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER

\*EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES

\*SHOULDERS TO BE RECONSTRUCTED BY OTHERS

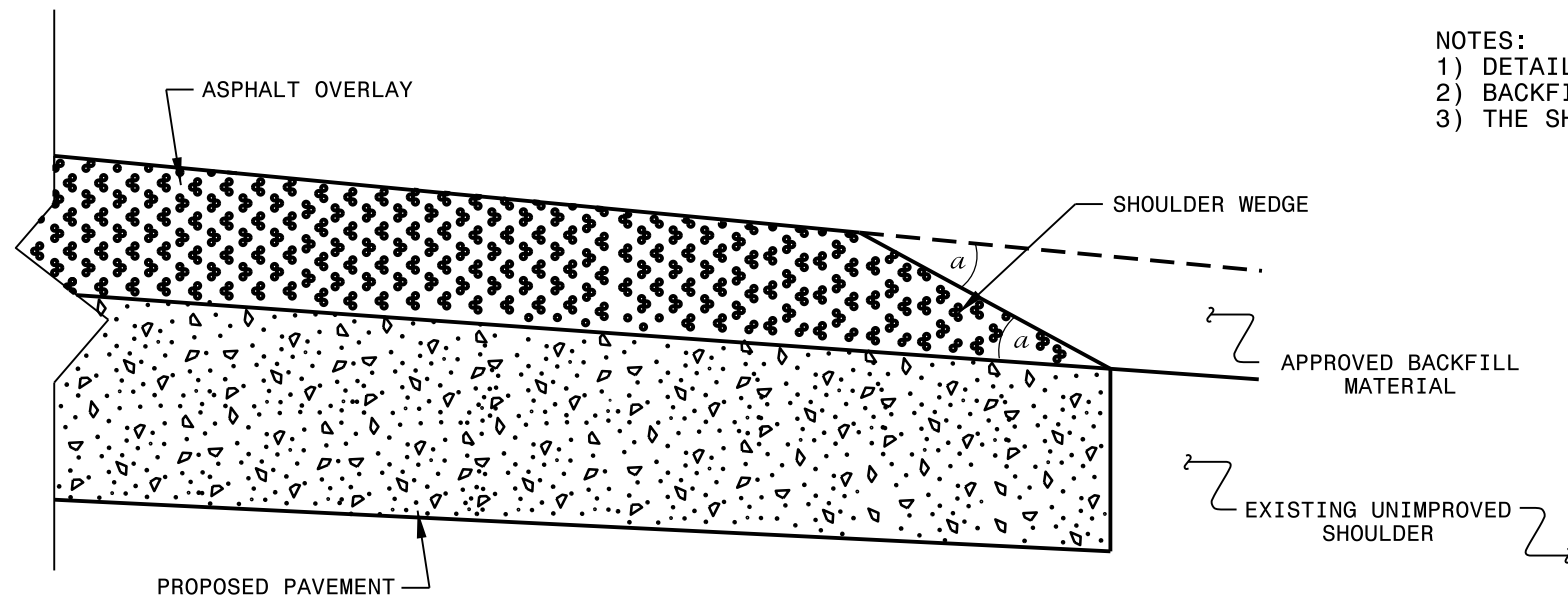


**TYPICAL SECTION NO. 1**

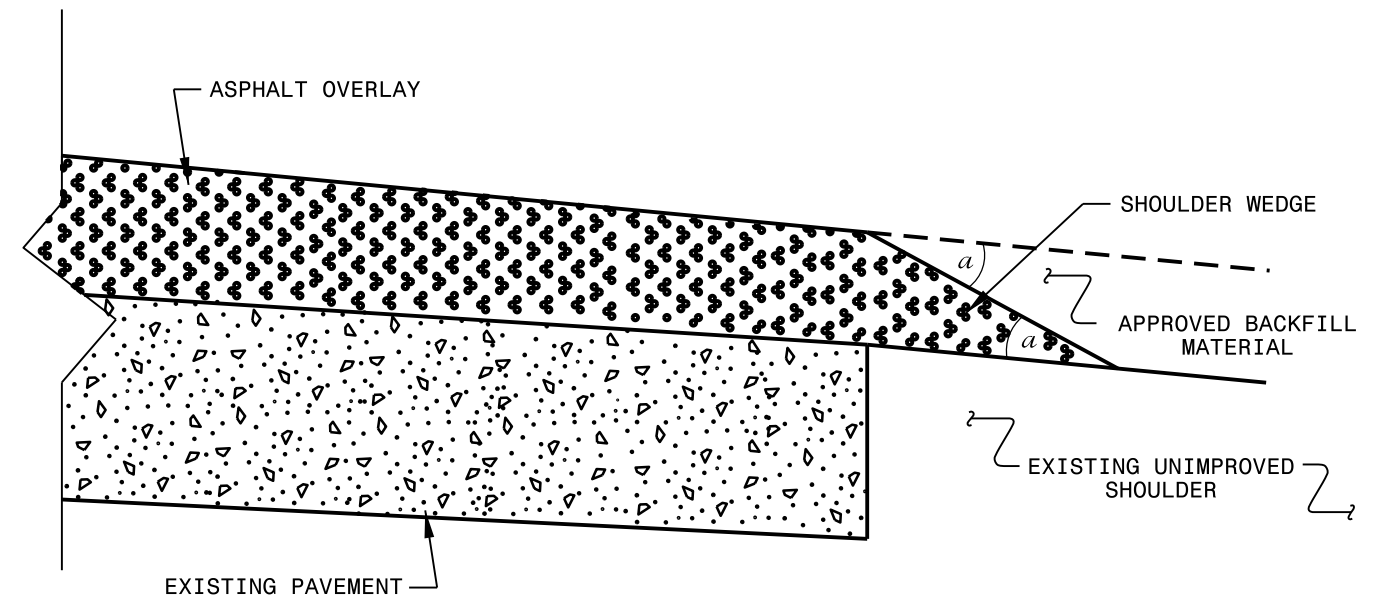
USE WITH MAPS 1 - 9

NTS

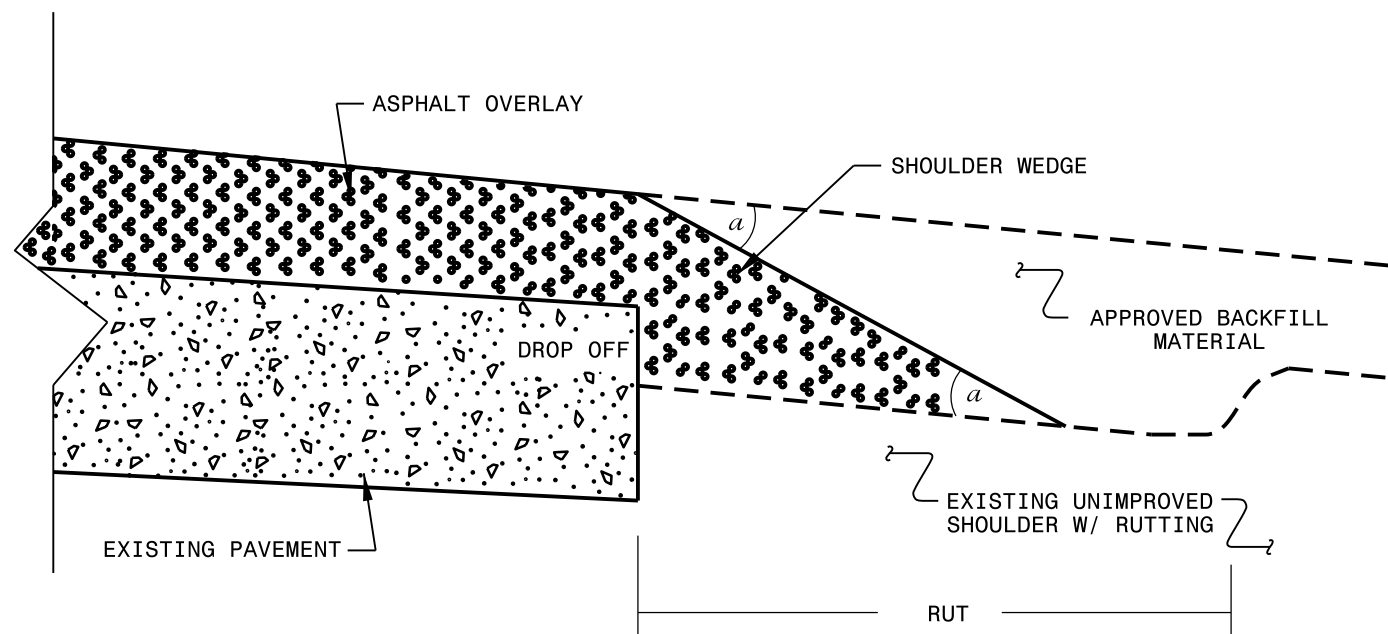
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

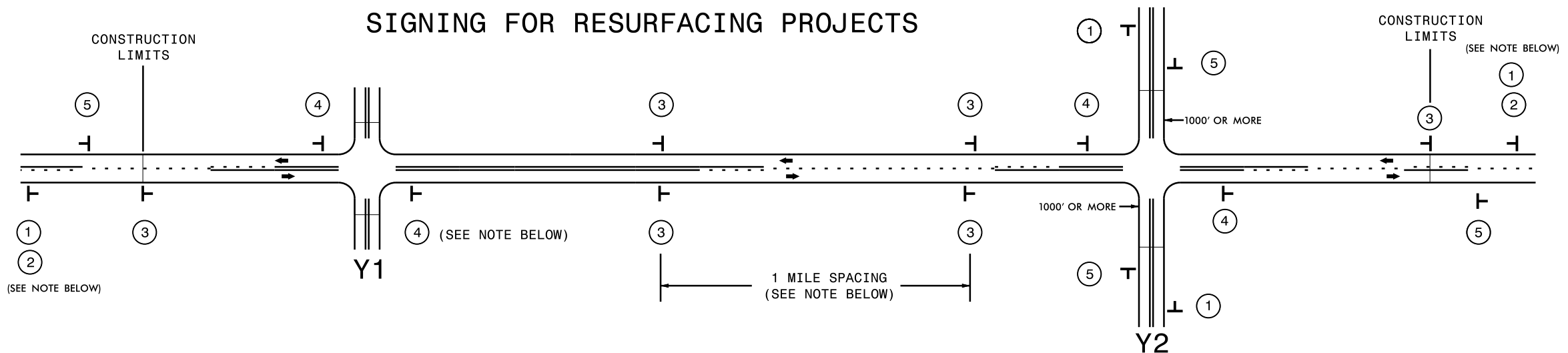
CONTRACT STANDARDS  
 AND DEVELOPMENT UNIT  
 Office 919-707-6950 FAX 919-250-4119

**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

R:\SEP-2016\351\01\District1\Paving Maps\Shoulder detail\Revised Shoulder Wedge Detail.dgn  
 At: D:\CAD\270261

## SIGNING FOR RESURFACING PROJECTS



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING	-Y- LINE SIGNING
	<p>① </p> <p>② </p> <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"> <li>LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>SUBDIVISION ROADS</li> <li>DEAD END ROADS</li> </ol>
	<p>③ </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>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>
	<p>④ </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> </p> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	<p>⑤ </p> <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

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 dtatum AT D:\A02\0261



**RESURFACING  
 ADVANCE WARNING SIGNS  
 FOR  
 RURAL AND SUBURBAN  
 2 LANE ROADWAYS**

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.01.08.20371.1, 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 MI	WIDTH FT	MOBILIZATION LS	INCIDENTAL STONE BASE TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	WORKZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS
2017CPT.01.08.20371.1	Gates	1	SR 1118 TAYLOR MILL RD	FROM SR 1113 TO NC 137	1	2	2WU	NO	NO	1.11	21	1	20	1,303	87	32	1
2017CPT.01.08.20371.2	Gates	2	SR 1121 HARRELL RD	FROM NC 137 TO DEAD END	1	2	2WU	NO	NO	0.83	20	*	20	889	60	32	*
2017CPT.01.08.20371.3	Gates	3	SR 1126 CORNER HIGH RD.	FROM NC 137 TO US 13	1	2	2WU	NO	NO	1.77	20	*	40	1,896	127	32	*
2017CPT.01.08.20371.4	Gates	4	SR 1133 GATES FOREST RD	FROM SR 1123 TO SR 1133	1	2	2WU	NO	NO	1.13	20	*	40	1,211	81	32	*
2017CPT.01.08.20371.5	Gates	5	SR 1128 BARFIELD RD	FROM US 13 TO NC 137	1	2	2WU	NO	NO	0.85	20	*	20	911	61	32	*
2017CPT.01.08.20371.6	Gates	6	SR 1113 WHITE OAK RD.	FROM NC 137 TO SR 1118	1	2	2WU	NO	NO	1.73	20	*	30	1,854	124	32	*
2017CPT.01.08.20721.1	Perquimans	7	SR 1367 OLD US 17 RD	US 17 TO PASQUOTANK COUNTY LINE	1	2	2WU	NO	NO	1.25	26	*	26	1,827	122	32	*
2017CPT.01.08.20721.2	Perquimans	8	SR 1321 CROSS NECK RD	SR 1300 TO SR 1322	1	2	2WU	NO	NO	2.06	20	*	15	2,207	148	32	*
2017CPT.01.08.20721.4	Perquimans	9	SR 1119 PINEY WOODS RD	FROM SR 1118 TO SR 1002	1	2	2WU	NO	NO	0.69	18	*	5	666	45	32	*
<b>GRAND TOTAL</b>										<b>11.42</b>		<b>1</b>	<b>216</b>	<b>12,764</b>	<b>855</b>	<b>288</b>	<b>1</b>