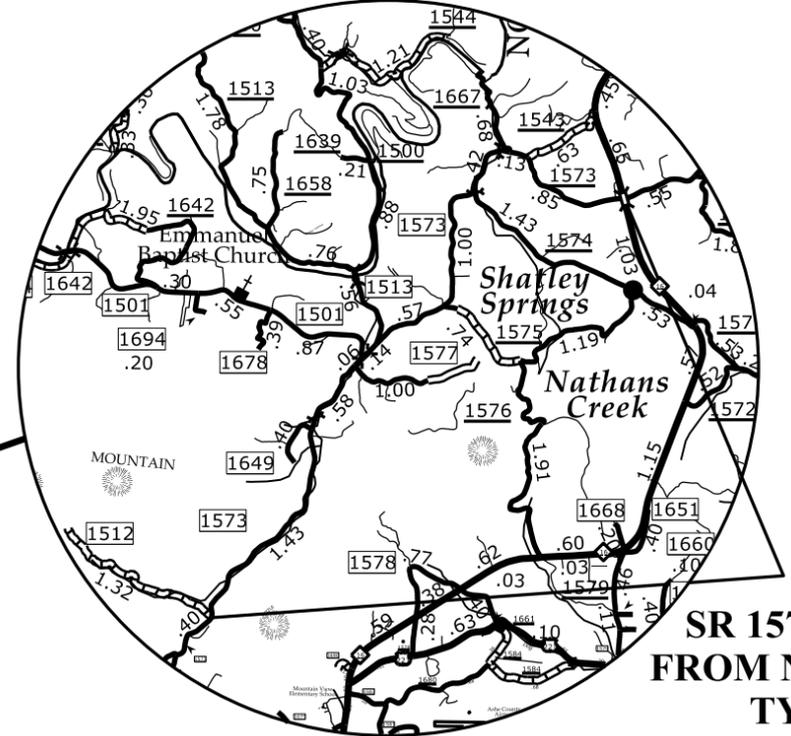
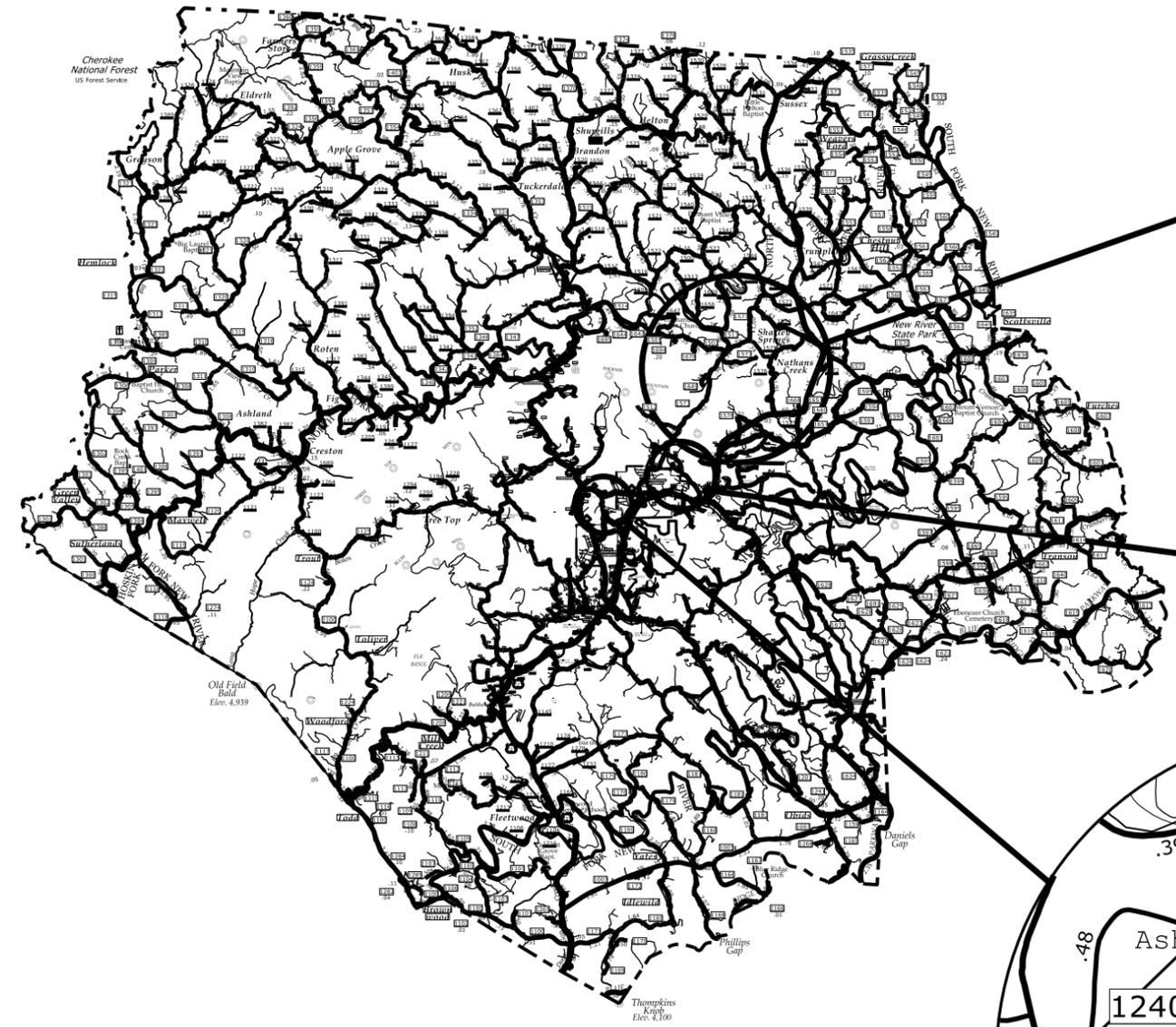




STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**ASHE COUNTY**

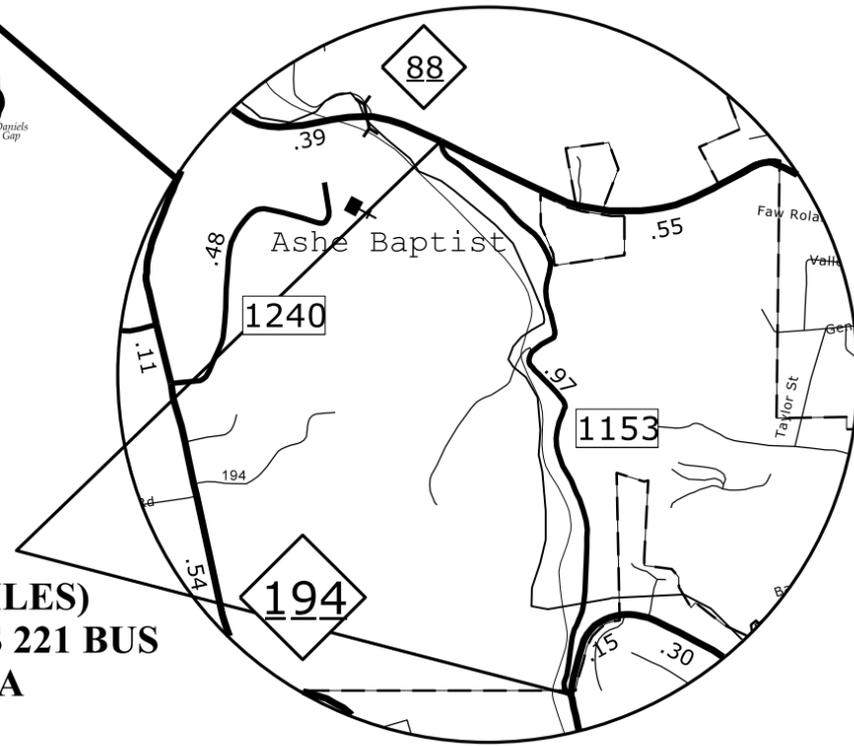
2015 SECONDARY RESURFACING



**MAP #4**  
**SR 1573 (5.44 MILES)**  
**FROM NC 16 TO SR 1512**  
**TYPE: SF9.5A**

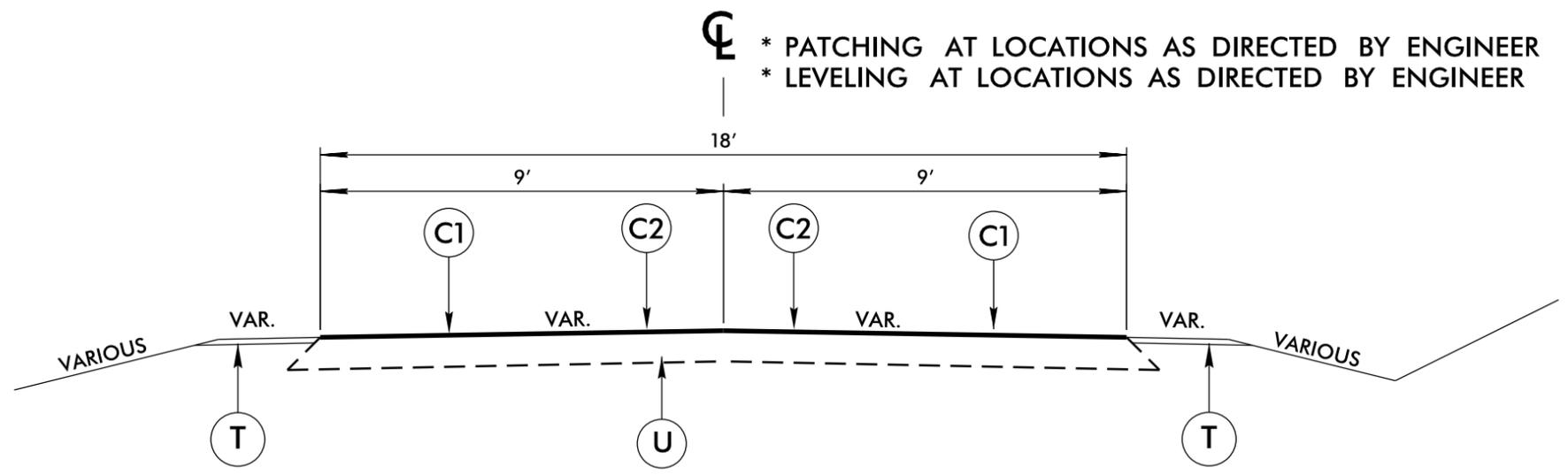


**MAP #6**  
**SR 1580 (1.55 MILES)**  
**FROM US 221 TO SR 1573**  
**TYPE: SF9.5A**



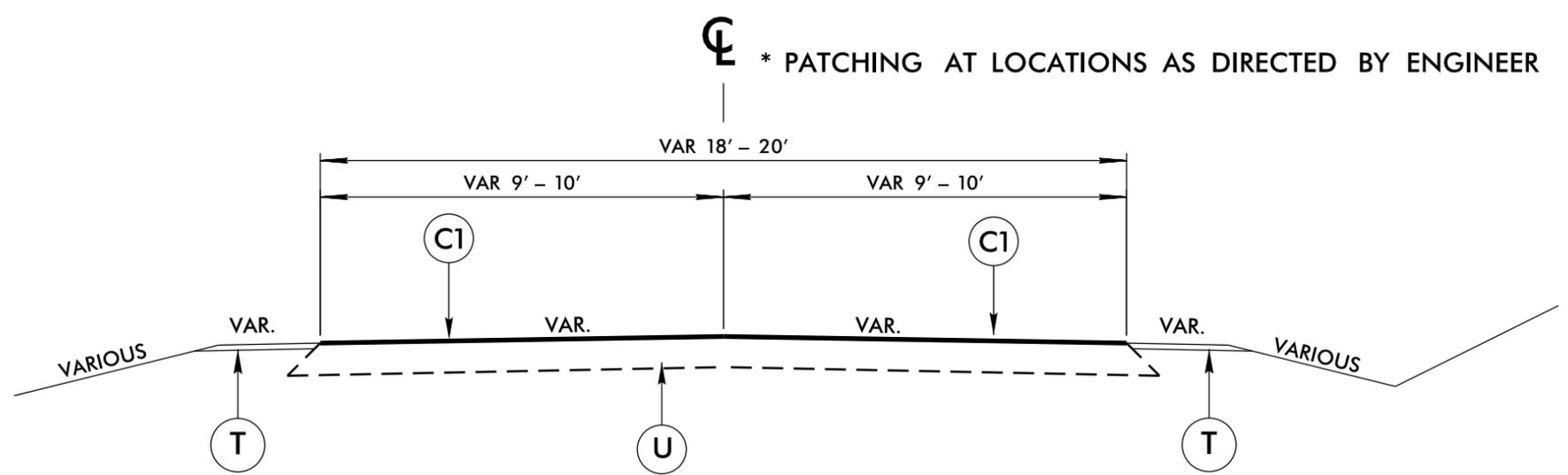
**MAP #5**  
**SR 1153 (0.98 MILES)**  
**FROM NC 88 TO US 221 BUS**  
**TYPE: SF9.5A**

8/17/99



**TYPICAL SECTION NO. 1**

MAP 1 – SR 1100 FROM NC 194 TO BEG 20' PAVEMENT  
 MAP 4 – SR 1573 FROM NC 16 TO SR 1512

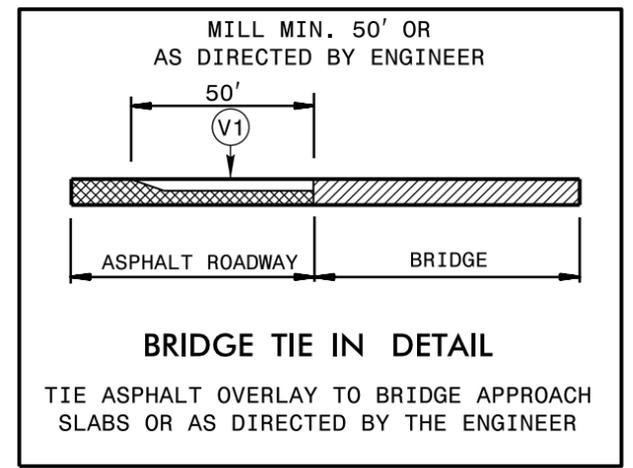
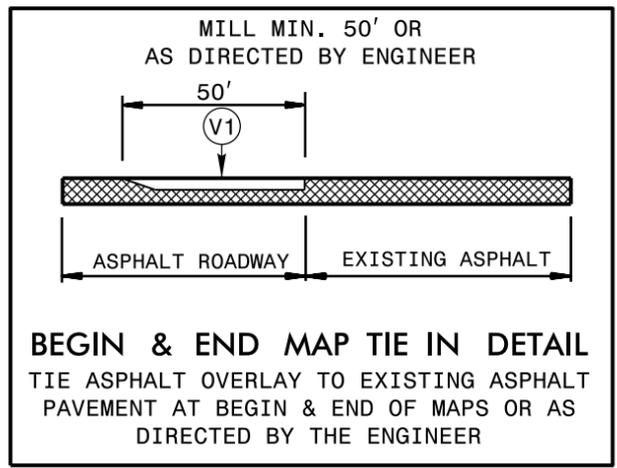


**TYPICAL SECTION NO. 2**

MAP 2 – SR 1370 FROM NC 194 TO VIRGINIA LINE  
 MAP 3 – SR 1632 FROM NC 16 TO BLUE RIDGE PARKWAY  
 MAP 5 – SR 1153 FROM NC 88 TO US 221 BUS  
 MAP 6 – SR 1580 FROM US 221 TO SR 1573

**NOTE:** Mill curb & gutter area on MAP 3 as directed by the Engineer.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, LEVELING COURSE.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING



**ASHE COUNTY  
SECONDARY RESURFACING**

DIVISION II

REVISIONS	INT.	DATE

**N.C. DEPARTMENT of TRANSPORTATION  
DIVISION of HIGHWAYS  
DIVISION ELEVEN**



SCALE: N/A    DATE: 10/2014  
 PREPARED BY: J. L. LAWS  
 REVIEWED BY:     
 REVIEWED BY:

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.20051.22		

## SUMMARY OF QUANTITIES

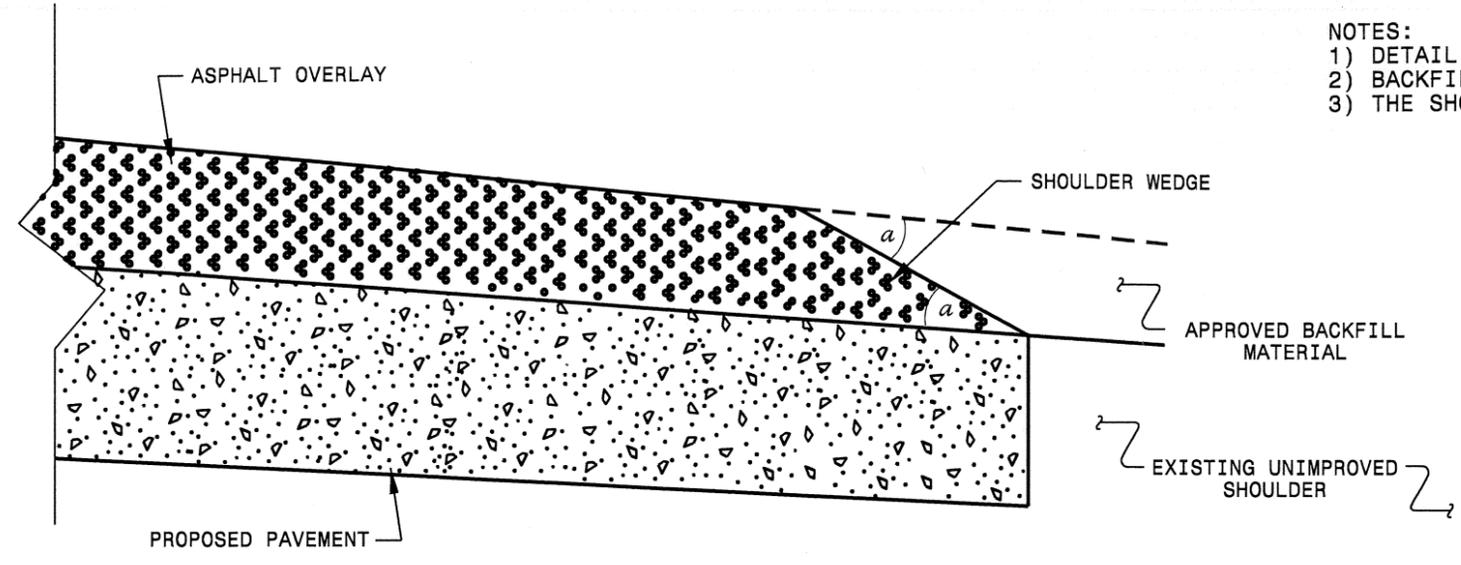
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARMMX ASPHALT REQUIRED	LENGTH M	WIDTH FT	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SM	INCIDENTAL MILLING SY	SURFACE COURSE, SF9.5A TONS	LEVELING COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MX TONS	PATCHING EXISTING PAVEMENT TONS	SEED & MULCHING AC
11CR.20051.22	Ashe	1	SR 1100	FROM NC 194 TO BEG 20' PAVEMENT	1	2	2WU	NO	NO	2.59	18	518	75	5.18	200	2,320	500	185	150	1.80
11CR.20051.22	Ashe	2	SR 1370	FROM NC 194 TO VIRGINIA LINE	2	2	2WU	NO	NO	2.54	18	508	75	5.08	200	2,280		153	400	1.80
11CR.20051.22	Ashe	3	SR 1632	FROM NC 16 TO BLUE RIDGE PARKWAY	2	2	2WU	NO	NO	0.32	18	64	10	0.64	500	320		21	50	0.20
11CR.20051.22	Ashe	4	SR 1573	NC 16 TO SR 1512	1	2	2WU	NO	NO	5.44	18	1,088	150	10.88	300	5,025	1,000	397	500	3.90
11CR.20051.22	Ashe	5	SR 1153	FROM NC 88 TO US 221 BUS	2	2	2WU	NO	NO	0.98	18	196	50	1.96	550	900		60	150	0.70
11CR.20051.22	Ashe	6	SR 1580	FROM US 221 TO SR 1573	2	2	2WU	NO	NO	1.55	20	310	75	3.10	330	1,575		106	300	1.00
<b>TOTAL FOR PROJ NO. 11CR.20051.22</b>										<b>13.42</b>		<b>2,684</b>	<b>435</b>	<b>26.84</b>	<b>2,080</b>	<b>12,420</b>	<b>1,500</b>	<b>922</b>	<b>1,550</b>	<b>9.40</b>
<b>GRANDTOTAL</b>																				
										<b>13.42</b>		<b>2,684</b>	<b>435</b>	<b>26.84</b>	<b>2,080</b>	<b>12,420</b>	<b>1,500</b>	<b>922</b>	<b>1,550</b>	<b>9.40</b>

PROJECT NO.	SHEET NO.	TOTAL NO.
11CR.20051.22		

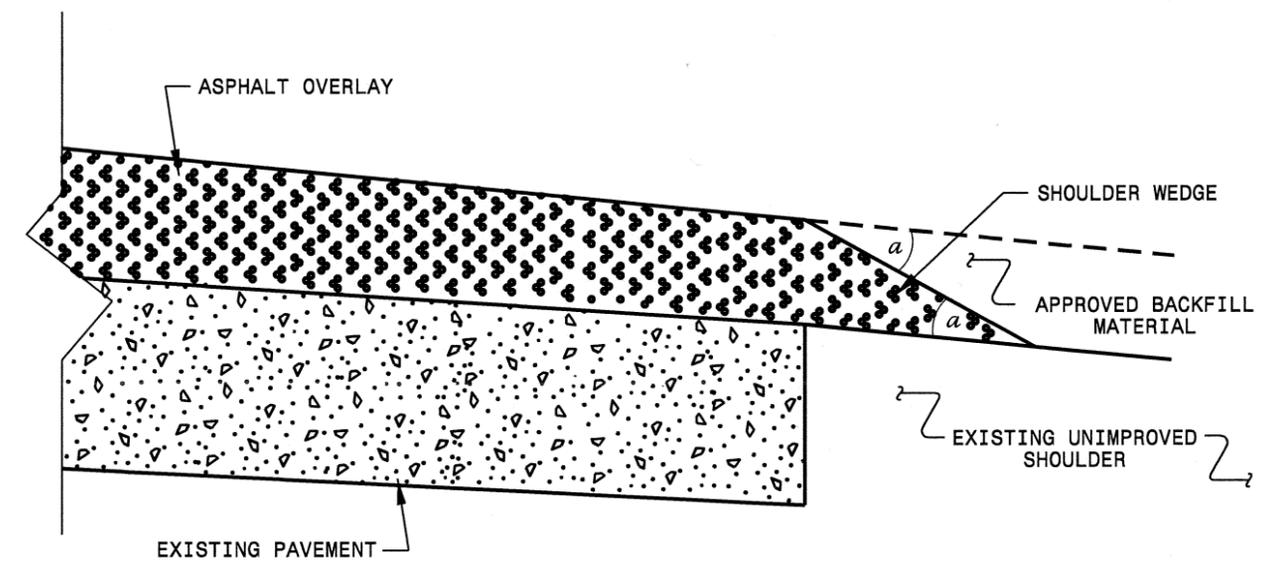
### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4810000000-E		4835000000-E
										WORK ZONE ADVANCE/GENERAL WARNING SIGNS SF	TEMPORARY TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF	24" WHITE PAINT LF
11CR.20051.22	Ashe	1	SR 1100	FROM NC 194 TO BEG 20' PAVEMENT	1	2	2WU	2.59	18	264	1	54,701	54,701	
11CR.20051.22	Ashe	2	SR 1370	FROM NC 194 TO VIRGINIA LINE	2	2	2WU	2.54	18	264	*	53,645	53,645	
11CR.20051.22	Ashe	3	SR 1632	FROM NC 16 TO BLUE RIDGE PARKWAY	2	2	2WU	0.32	18	54	*	6,758	6,758	50
11CR.20051.22	Ashe	4	SR 1573	NC 16 TO SR 1512	1	2	2WU	5.44	18	364	*	114,893	114,893	
11CR.20051.22	Ashe	5	SR 1153	FROM NC 88 TO US 221 BUS	2	2	2WU	0.98	18	96	*	20,698	20,698	
11CR.20051.22	Ashe	6	SR 1580	FROM US 221 TO SR 1573	2	2	2WU	1.55	20	116	*	32,736	32,736	
<b>TOTAL FOR PROJ NO. 11CR.20051.22</b>								<b>13.42</b>		<b>1,158</b>	<b>1</b>	<b>283,431</b>	<b>283,431</b>	<b>50</b>
												<b>566,862</b>		
<b>GRAND TOTAL</b>								<b>13.42</b>		<b>1,158</b>	<b>1</b>	<b>283,431</b>	<b>283,431</b>	<b>50</b>
												<b>566,862</b>		

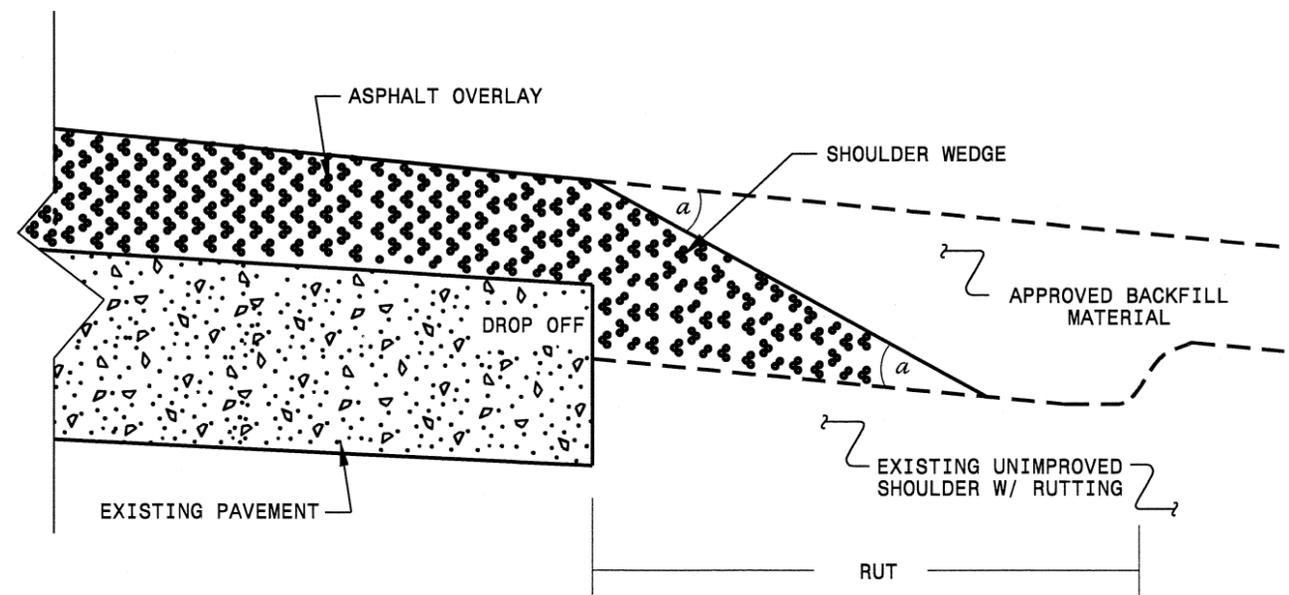
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

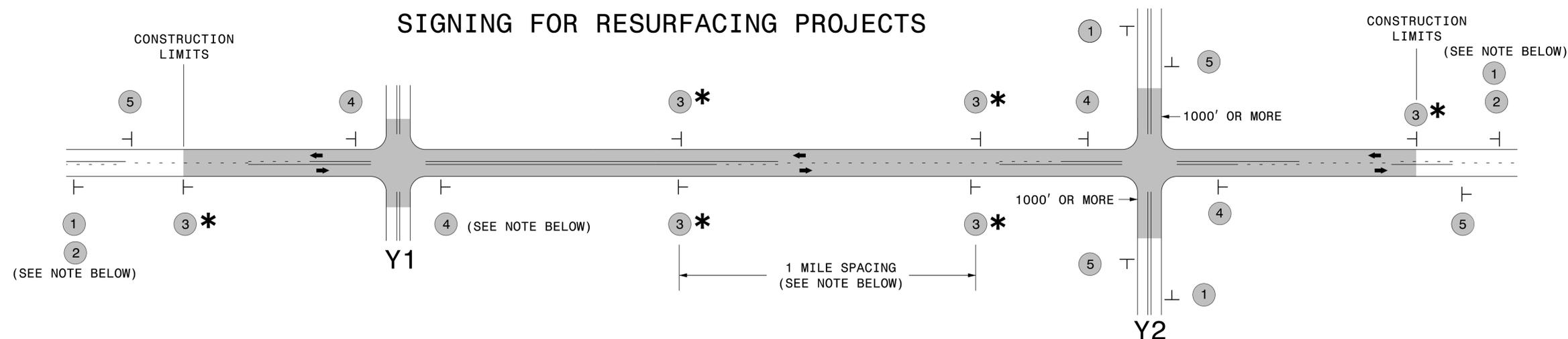
CONTRACT STANDARDS  
 AND DEVELOPMENT UNIT  
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE  
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 10/18/12  
 CHECKED BY: DATE:  
 FILE SPEC.: s:\user\details\stand\shoulderwedgedetail.dgn

SYSTEMS CONSULTANTS  
 CONSULTANTS

## SIGNING FOR RESURFACING PROJECTS



LEGEND	
┆	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION		
1 2		<p style="text-align: center;"><b>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p style="text-align: center;">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; align-items: center;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div> <p style="text-align: center;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
3 *		
4		
5		

### \* 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**