

**CONTRACT: DA00310 WBS PROJECT: 2017CPT.01.10.10701.1, ETC.**



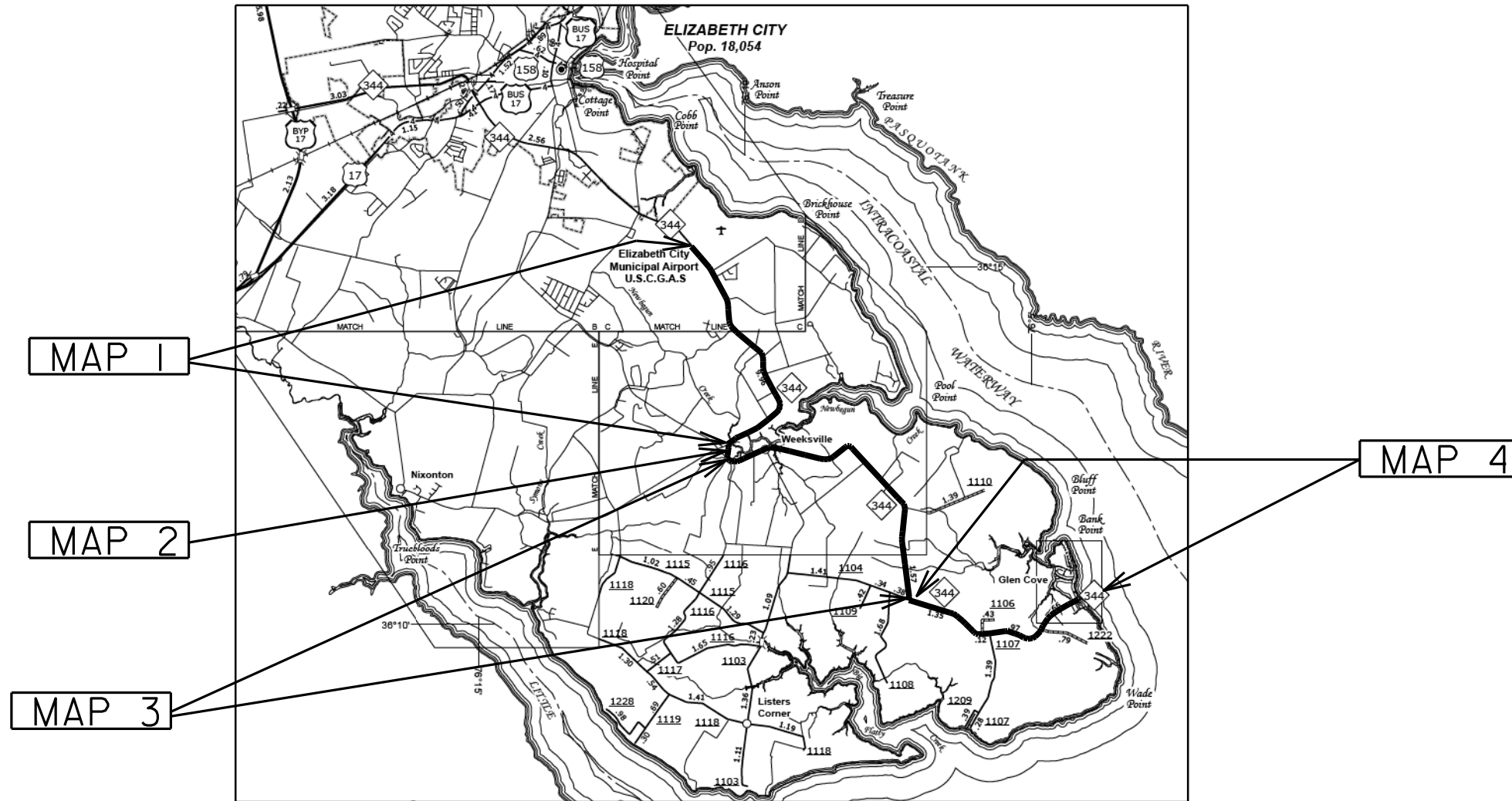
STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

**PASQUOTANK COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2017CPT.01.10.10701, ETC.	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2017CPT.01.10.10701.1		MAP 1	
2017CPT.01.10.10701.1		MAP 2	
2017CPT.01.10.10701.1		MAP 3	
2017CPT.01.10.10701.2		MAP 4	

**LOCATION: MAP 1 NC 344 FROM BEGINNING OF TWO LANE TO SR 1101 (SALEM CHURCH RD.)**  
**MAP 2 NC 344 (SAWMILL RD.) FROM SR 1100 (WEEKSVILLE RD.) TO SR 1101 (SALEM CHURCH RD.)**  
**MAP 3 NC 344 (SALEM CHURCH RD.) FROM SR 1100 (WEEKSVILLE RD.) TO SR 1104 (SOUNDNECK RD.)**  
**MAP 4 NC 344 (SOUNDNECK RD.) FROM SR 1104 (SOUNDNECK RD.) TO END OF PAVEMENT**

**TYPE OF WORK: MILLING AND RESURFACING**



**NOT TO SCALE**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 1 = 4.97 MI.  
 LENGTH OF ROADWAY PROJECT MAP 2 = 0.24 MI.  
 LENGTH OF ROADWAY PROJECT MAP 3 = 5.39 MI.  
 LENGTH OF ROADWAY PROJECT MAP 4 = 3.43 MI.

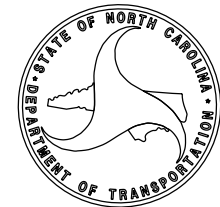
Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

LETTING DATE:

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

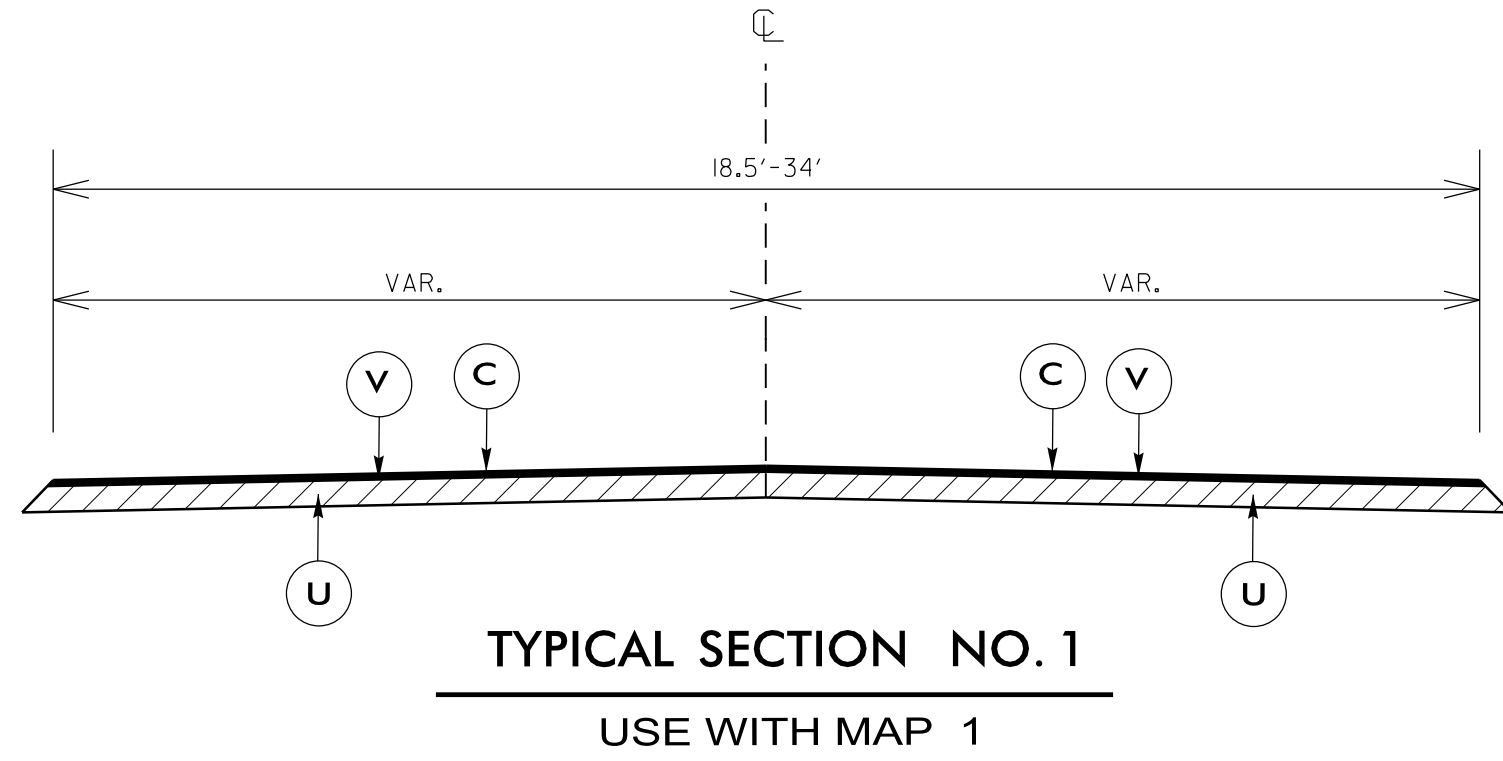
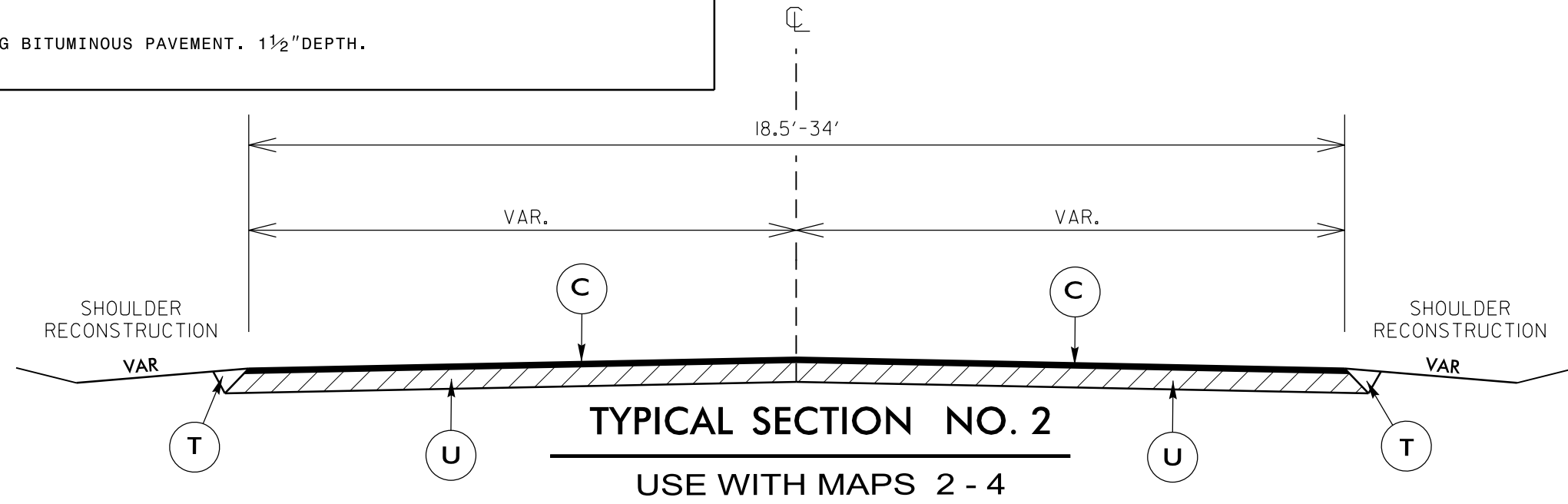
**C.E. SLACHTA**  
 DIVISION PROPOSALS ENGINEER



PAVEMENT SCHEDULE

C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT. 1½" DEPTH.

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



NTS

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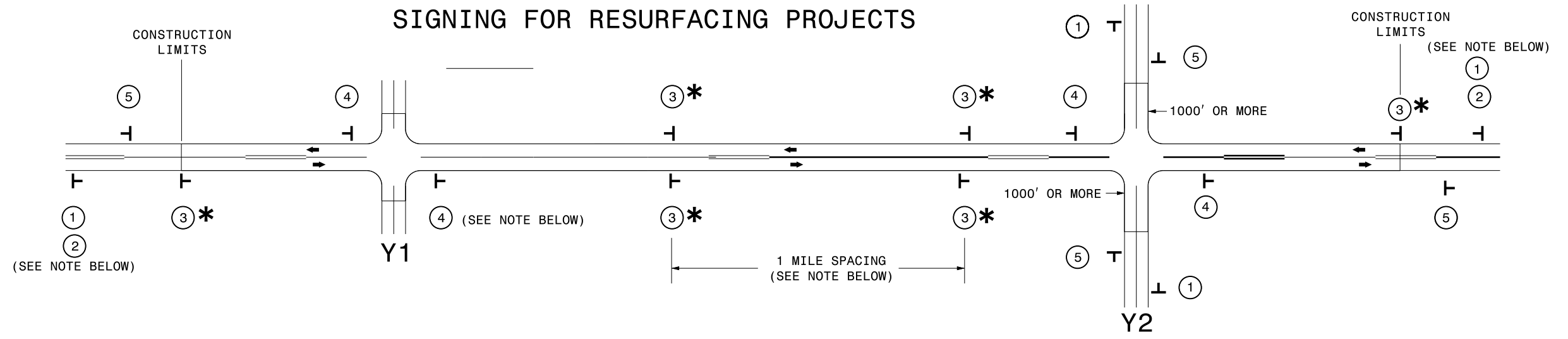
PROJECT NO.	SHEET NO.
2017CPT.01.10.10701.1, ETC.	3

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	MOBILIZATION LS	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TON	SHLD RECONSTRUCT SMI	1½" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	SEED & MULCHING AC	WORK ZONE ADV/GEN WARN SIGN SF	TEMPORARY TRAFFIC CONTROL LS
2017CPT.01.10.10701.1	Pasquotank	1	NC 344	FROM BEGINNING OF 2 LANE TO SR 1101 ( PEARTREE RD)	1	4.97	22-34	1		50		72,200	300	6,200	500	404	1	1	3.64	555	1
2017CPT.01.10.10701.1	Pasquotank	2	NC 344 SAWMILL RD	FROM SR 1100 (WEEKSVILLE RD) TO SR 1101 (SALEM CHURCH RD)	2	0.24	19.5	*	47	40	0.47			350		21			0.30	27	*
2017CPT.01.10.10701.1	Pasquotank	3	NC 344 SALEM CHURCH RD	FROM SR 1100 (WEEKSVILLE RD) TO SR 1104 (SOUNDNECK RD)	2	5.39	20.5	*	1,078	60	10.78		300	6,200	200	382			6.53	579	*
2017CPT.01.10.10701.2	Pasquotank	4	NC 344 SOUNDNECK RD	FROM SR 1104 (SOUNDNECK RD) TO END OF PAVEMENT	2	3.43	18.5	*	668	40	6.69			3,530		212			4.05	368	*
<b>GRAND TOTAL</b>						<b>14.03</b>		<b>1</b>	<b>1,793</b>	<b>190</b>	<b>17.94</b>	<b>72,200</b>	<b>600</b>	<b>16,280</b>	<b>700</b>	<b>1,019</b>	<b>1</b>	<b>1</b>	<b>14.52</b>	<b>1,529</b>	<b>1</b>

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 120 M YELLOW THERMO LF	8" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO RT ARROW 90 M EA	THERMO LT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	8" YELLOW PAINT LF	8" WHITE PAINT LF	24" WHITE PAINT LF	PAINT MSG SCHOOL EA	PAINT PVT MKG SYM (LT ARROW) EA	PAINT PVT MKG SYM (RT ARROW) EA	YELLOW & YELLOW MARKERS EA	CRYSTAL & RED MARKERS EA
2017CPT.01.10.10701.1	Pasquotank	1	NC 344	FROM BEGINNING OF 2 LANE TO SR 1101 (SALEM CHURCH RD)	1	4.97	22-34	54,912	34,320	450				2	5	54,912	34,320	450				5	2	330	12
2017CPT.01.10.10701.1	Pasquotank	2	NC 344 (SAWMILL RD)	FROM SR 1100 (WEEKSVILLE RD) TO SR 1101 (SALEM CHURCH RD)	2	0.24	19.5	2,550	1,600							2,550	1,600							16	
2017CPT.01.10.10701.1	Pasquotank	3	NC 344 (SALEM CHURCH RD)	FROM SR 1100 (WEEKSVILLE RD) TO SR 1104 (SOUNDNECK RD)	2	5.39	20.5	54,600	34,125		40	80	12			54,600	34,125		40	80	12			360	
2017CPT.01.10.10701.2	Pasquotank	4	NC 344 (SOUNDNECK RD)	FROM SR 1104 (SOUNDNECK RD) TO END OF PAVEMENT	2	3.43	18.5	35,300	22,064							35,300	22,064							225	
<b>GRAND TOTAL</b>						<b>14.03</b>		<b>147,362</b>	<b>92,109</b>	<b>450</b>	<b>40</b>	<b>80</b>	<b>12</b>	<b>2</b>	<b>5</b>	<b>147,362</b>	<b>92,109</b>	<b>450</b>	<b>40</b>	<b>80</b>	<b>12</b>	<b>5</b>	<b>2</b>	<b>931</b>	<b>12</b>
															<b>7</b>	<b>239,471</b>	<b>490</b>						<b>7</b>	<b>943</b>	



LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

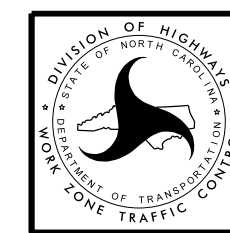
### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING		
	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 RESURFACING 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 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.		
	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.		
5		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.			
		<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>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 style="text-align: center;">   <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;">   <small>W20-7 A 48" X 48"</small> </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>			

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

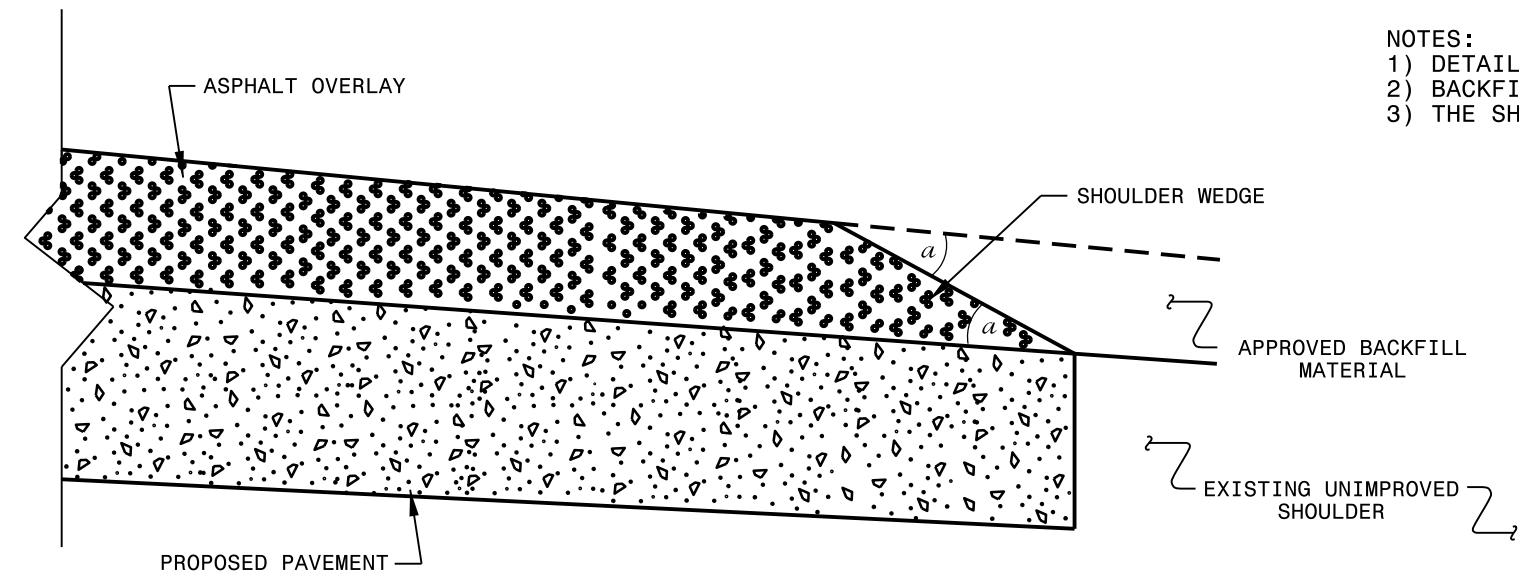
SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



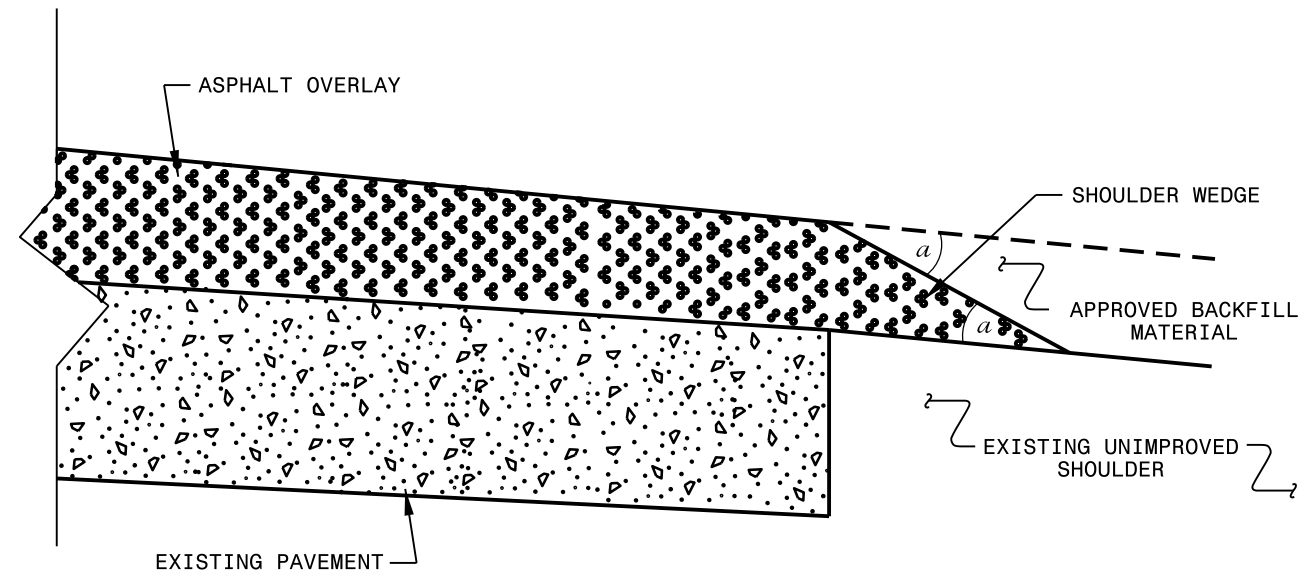
RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2 LANE ROADWAYS

09-SEP-2016 09:49  
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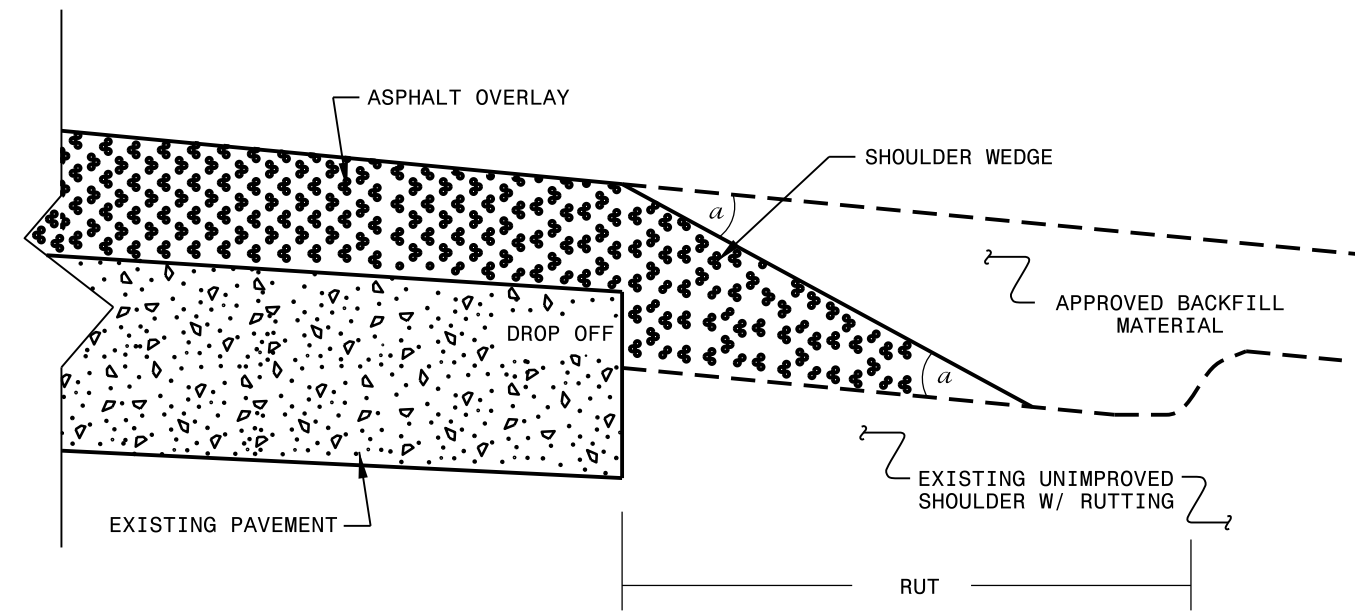
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>			
Office 919-707-6950		FAX 919-250-4119	
<b>SHOULDER WEDGE DETAILS</b>			
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			

09-SEP-2016 09:20  
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 jboconnor AT DICAD270263