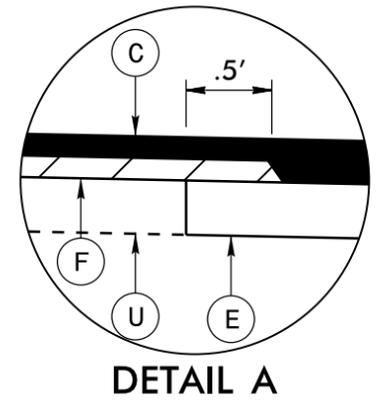
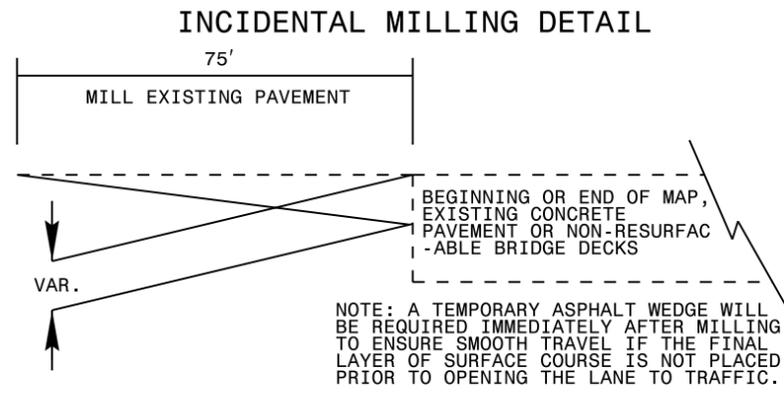
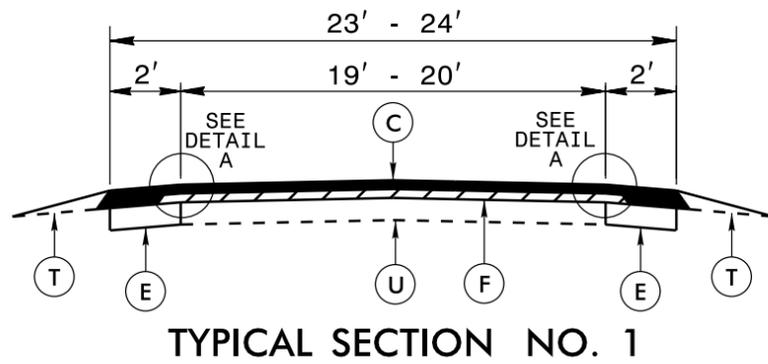
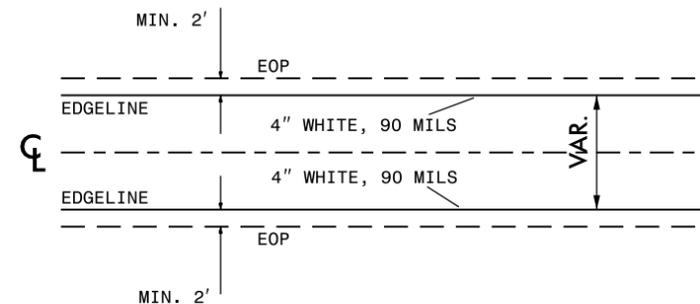




STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2017CPT.07.12.20791	2	5

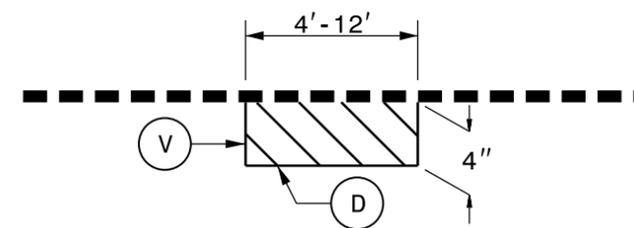


**STRIPING DETAIL 1  
GENERAL STRIPING DETAIL FOR MAP 1**



- NOTE:
1. TO BE USED IN CONJUNCTION WITH TYPICAL SECTION NO. 1.
  2. USE IN CONJUNCTION WITH THE EXISTING PAVEMENT MARKINGS TO ESTABLISH THE STRIPING.
  3. USE IN CONJUNCTION WITH THE NCDOT STANDARD DRAWINGS.

**PATCHING EXISTING PAVEMENT DETAIL 1**

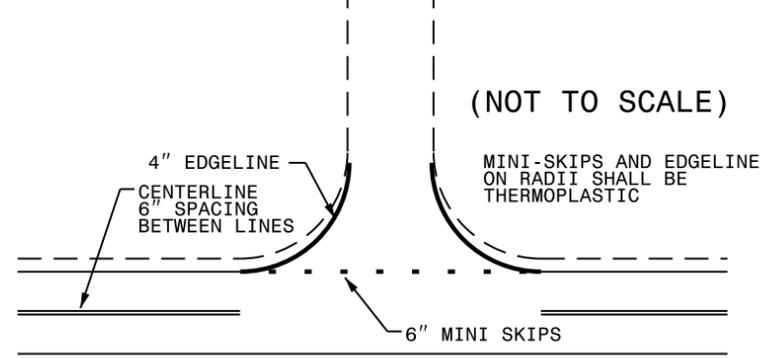


MILL EXISTING ASPHALT PAVEMENT 4" IN DEPTH AND FILL WITH INTERMEDIATE COURSE, TYPE I19.0B AT LOCATIONS AS DIRECTED BY THE ENGINEER.

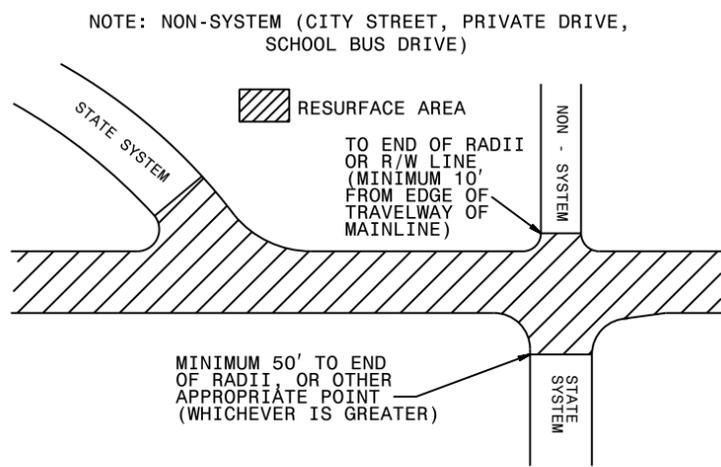
**PAVEMENT SCHEDULE**

C	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
D	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0D, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E	PROP. APPROX. 7" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD. IN EACH OF TWO LAYERS
F	AST MAT COAT, #78M STONE
T	SHOULDER RECONSTRUCTION, AS DIRECTED BY THE ENGINEER.
U	EXISTING PAVEMENT.
V	MILLING PAVEMENT 4" IN DEPTH FOR PATCHING

**TO BE USED AT ALL  
NON-SIGNALIZED INTERSECTIONS**

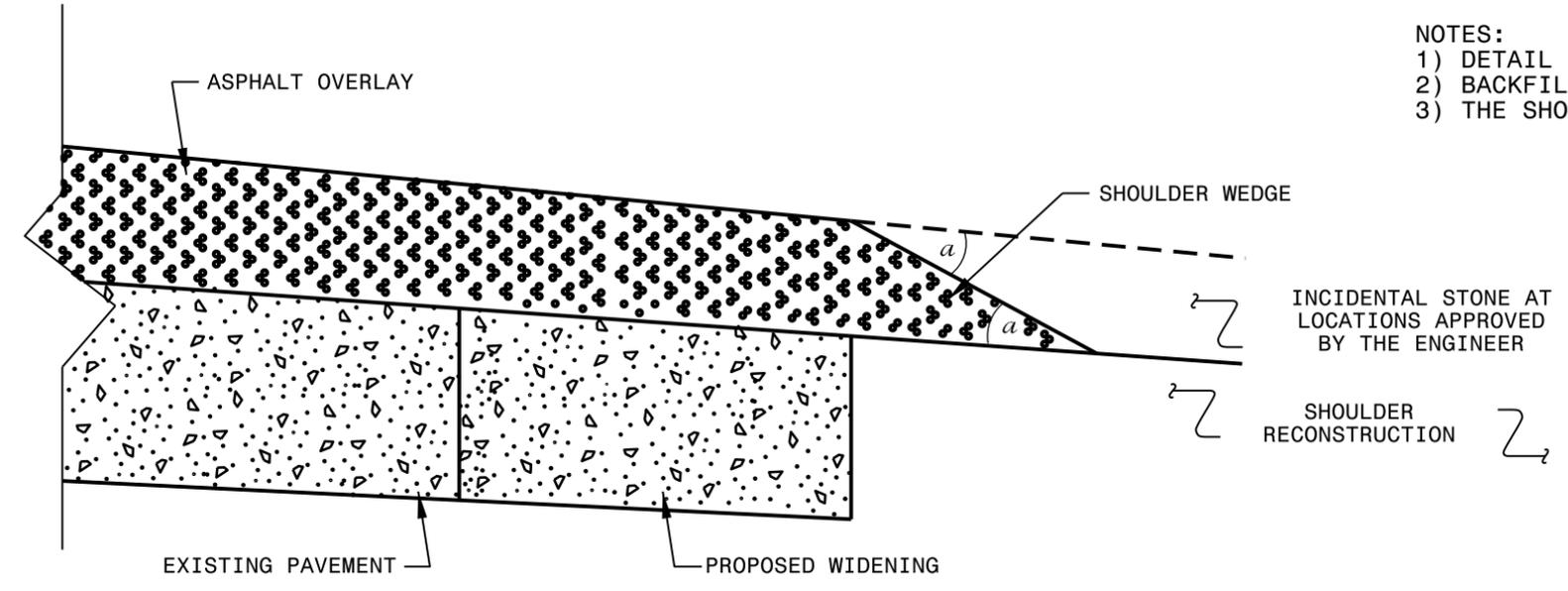


**PAVING DETAIL 1  
MAIN LINE IS BEING RESURFACED**

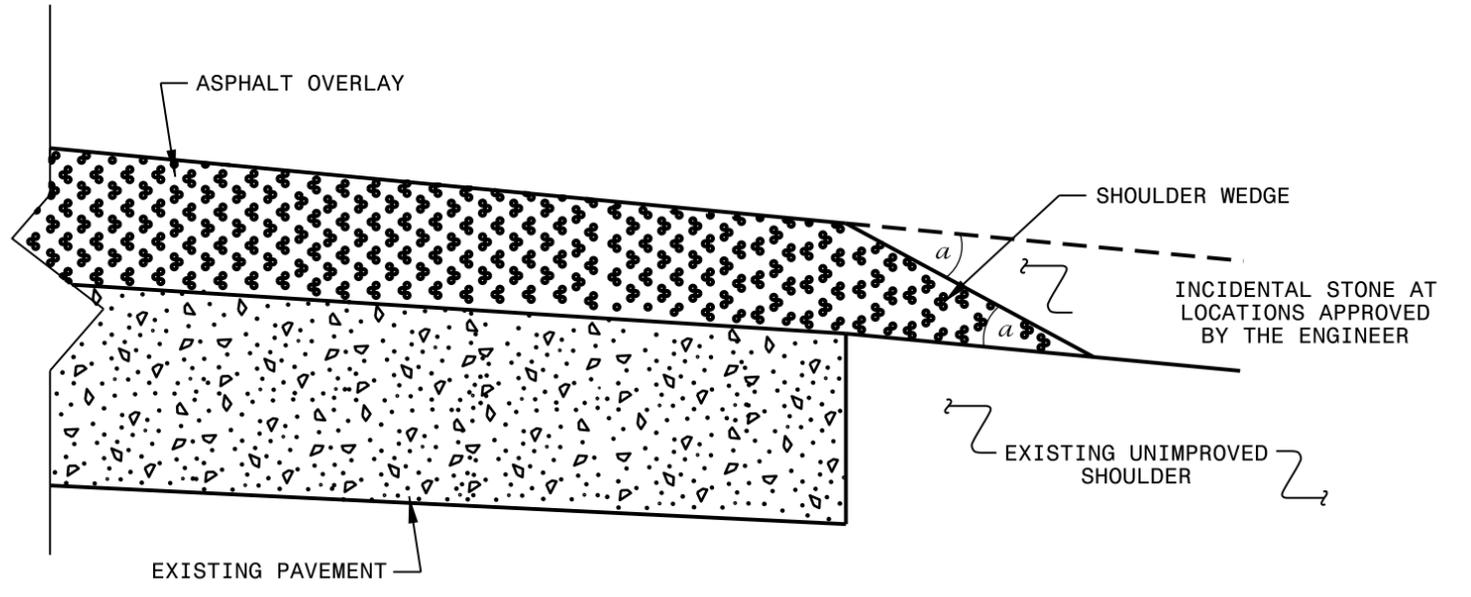


21-SEP-2016 11:12 S:\Resurfacing\Projects\2017 P0 Contracts\Rockingham\2017CPT.07.12.20791\CADD\2017CPT\_07\_12\_20791\_PSH2.dgn

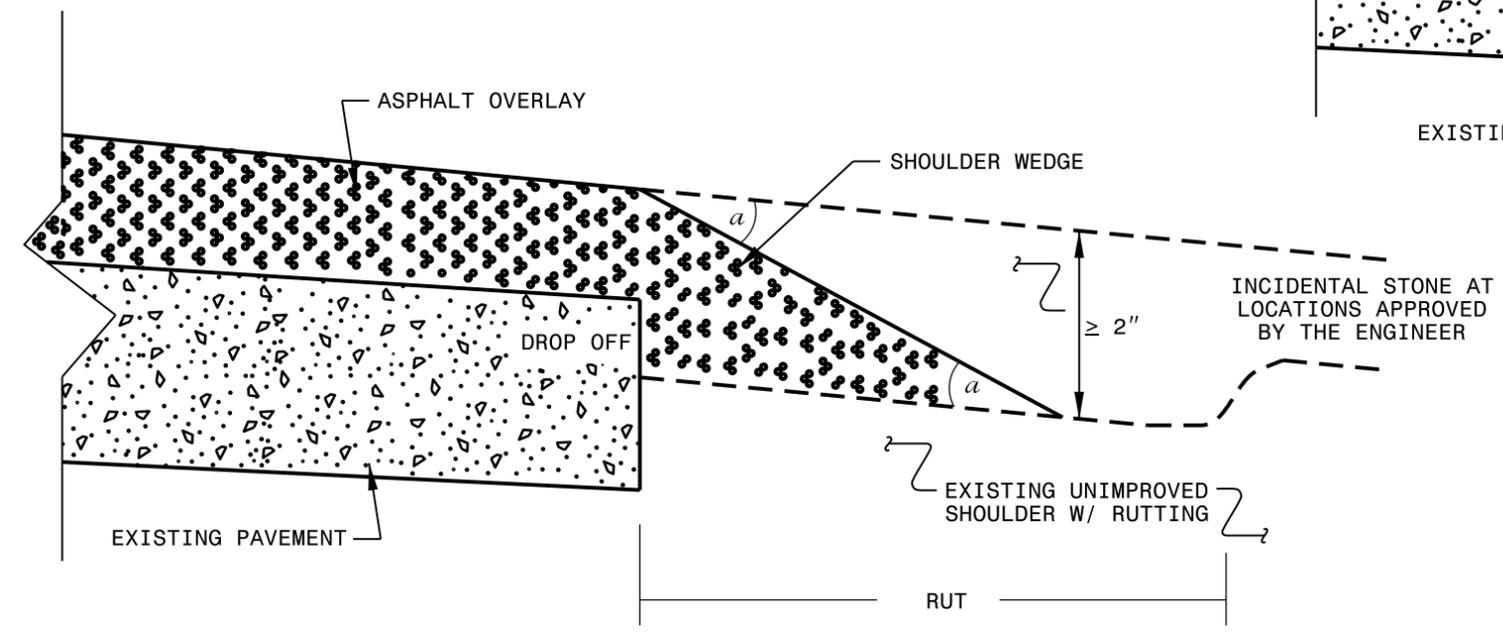
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening Or Existing Paved Shoulder having no dropoffs)



**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

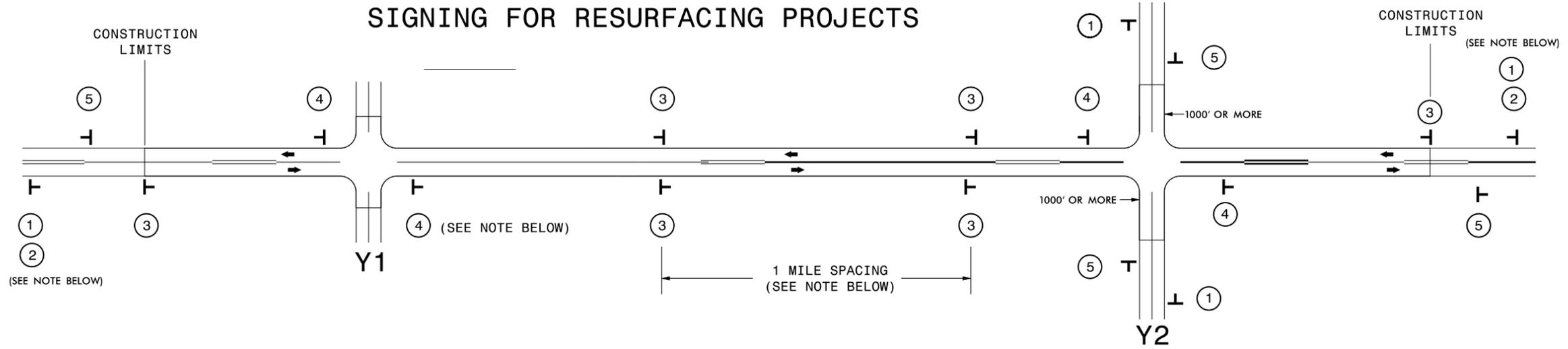
**SHOULDER WEDGE DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11  
 MODIFIED BY: DATE: 10/16/12  
 CHECKED BY: DATE:  
 FILE SPEC.: s:\usr\details\stand\shoulderwedge\detail.dgn

REV. DIV 7 5/6/2016

21-SEP-2016 11:25 AM C:\Users\c\thuskins\Documents\2017 CPT.07.12.20791\CAADD\2017CPT.07.12.20791.PSH3.dgn  
 21-SEP-2016 11:25 AM C:\Users\c\thuskins\Documents\2017 CPT.07.12.20791\CAADD\2017CPT.07.12.20791.PSH3.dgn  
 21-SEP-2016 11:25 AM C:\Users\c\thuskins\Documents\2017 CPT.07.12.20791\CAADD\2017CPT.07.12.20791.PSH3.dgn

# SIGNING FOR RESURFACING PROJECTS



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.	<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>
	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.		

21-SEP-2016 11:42 S:\Resurfacing Projects\2017 P0 Contracts\Rockingham\2017CPT.07.12.20791\CADD\2017CPT\_07.12.20791\_PSH4.dgn

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

PROJECT NO.	SHEET NO.	TOTAL NO.
2017CPT.07.12.20791	5	5

### SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	BORROW EXCAVATION CY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	INCIDENTAL MILLING SY	ASPHALT CONC BASE COURSE, TYPE B25.0B TONS	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	SEEDING & MULCHING AC	GENERIC EROSION CONTROL ITEM - [RESIDENTIAL SEEDING] AC							
2017CPT.07.12.20791	Rockingham	1	SR 1358 (ANGLIN MILL ROAD)	FROM STOKES COUNTY (0.0) TO VIRGINIA (5.97)	1	2	2WU	NO	NO	1.883	20	94	474	3.77	167	2,020	1,854	213	92	23,199	7,279	1.10	1.10							
								NO	NO	0.235	22	12			175		210	14												
								NO	NO	0.065	27																			
								NO	NO	0.126	22				175		112	8								2,465	814			
								NO	NO	3.606	19	180			7.21	175	3,869	3,496	404							42,310	13,264			
<b>TOTAL FOR MAP NO. 1</b>										5.915		286	474	10.98	692	5,889	5,672	639	92	71,007	22,358	1.10	1.10							
<b>TOTAL FOR PROJ NO. 2017CPT.07.12.20791</b>										5.915		286	474	10.98	692	5,889	5,672	639	92	71,007	22,358	1.10	1.10							
<b>GRAND TOTAL</b>										5.915		286	474	10.98	692	5,889	5,672	639	92	71,007	22,358	1.10	1.10							

### THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4399000000-N	4413000000-E	4685000000-E	4690000000-E	4810000000-E	4810000000-E
										TEMPORARY TRAFFIC CONTROL LS	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	4" X 90 M WHITE THERMO LF	6" X 120 M WHITE THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
2017CPT.07.12.20791	Rockingham	1	SR 1358 (ANGLIN MILL ROAD)	FROM STOKES COUNTY (0.0) TO VIRGINIA (5.97)	1	2	2WU	1.883	20	1	664	770	96	124,932	124,932
								0.235	22						
								0.065	27						
								0.126	22						
								3.606	19						
<b>TOTAL FOR MAP NO. 1</b>							5.915		1	664	770	96	124,932	124,932	
<b>TOTAL FOR PROJ NO. 2017CPT.07.12.20791</b>							5.915		1	664	770	96	124,932	124,932	
<b>GRAND TOTAL</b>							5.915		1	664	770	96	124,932	124,932	