

05/08/99

CONTRACT NO.: DA00269 WBS ELEMENT: 2016CPT.01.10.20661.1

CONTRACT NO.: DA00269

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

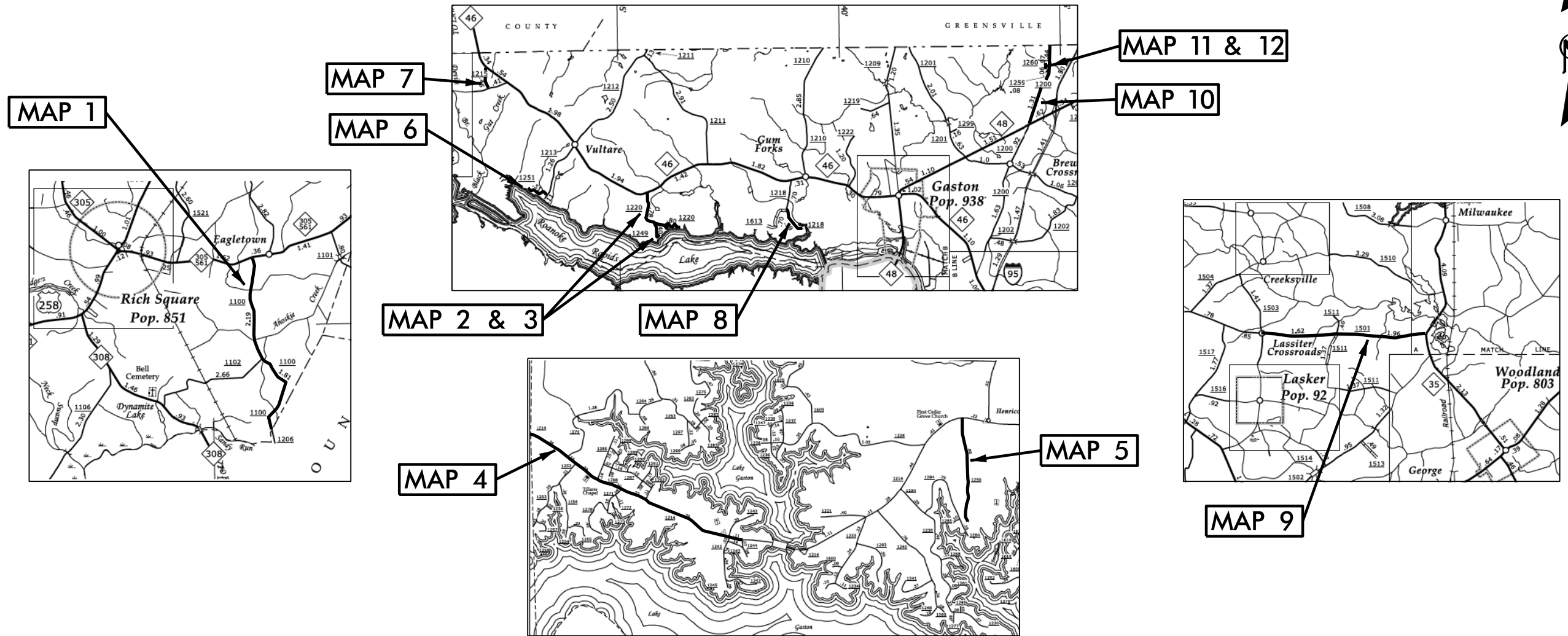
NORTHAMPTON COUNTY

LOCATION: MAP 1 SR 1100 FROM BERTIE CO. LINE TO NC 305
 MAP 2 SR 1220 FROM NC 46 TO END
 MAP 3 SR 1249 FROM SR 1220 TO END
 MAP 4 SR 1214 FROM SR 1244 TO WARREN CO. LINE
 MAP 5 SR 1250 FROM SR 1214 TO END
 MAP 6 SR 1251 FROM SR 1213 TO END

MAP 7 SR 1215 FROM NC 46 TO SR 1214
 MAP 8 SR 1218 FROM SR 1613 TO END
 MAP 9 SR 1501 FROM NC 35 TO SR 1503
 MAP 10 SR 1200 FROM NC 48 TO VA LINE
 MAP 11 SR 1259 FROM SR 1200 TO SR 1260
 MAP 12 SR 1260 FROM END TO END

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.10.20661.1	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.10.20661.1		MAP 1	
2016CPT.01.10.20661.1		MAP 2	
2016CPT.01.10.20661.1		MAP 3	
2016CPT.01.10.20661.1		MAP 4	
2016CPT.01.10.20661.1		MAP 5	
2016CPT.01.10.20661.1		MAP 6	
2016CPT.01.10.20661.1		MAP 7	
2016CPT.01.10.20661.1		MAP 8	
2016CPT.01.10.20661.1		MAP 9	
2016CPT.01.10.20661.1		MAP 10	
2016CPT.01.10.20661.1		MAP 11	
2016CPT.01.10.20661.1		MAP 12	

TYPE OF WORK: RESURFACING



NTS

PROJECT LENGTH
MAP LENGTHS:

MAP 1 = 3.98 MI.	MAP 7 = 0.41 MI.
MAP 2 = 1.48 MI.	MAP 8 = 0.59 MI.
MAP 3 = 0.35 MI.	MAP 9 = 3.55 MI.
MAP 4 = 2.02 MI.	MAP 10 = 1.72 MI.
MAP 5 = 0.85 MI.	MAP 11 = 0.07 MI.
MAP 6 = 0.48 MI.	MAP 12 = 0.12 MI.

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

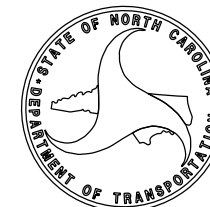
2012 STANDARD SPECIFICATIONS

LETTING DATE:

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

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



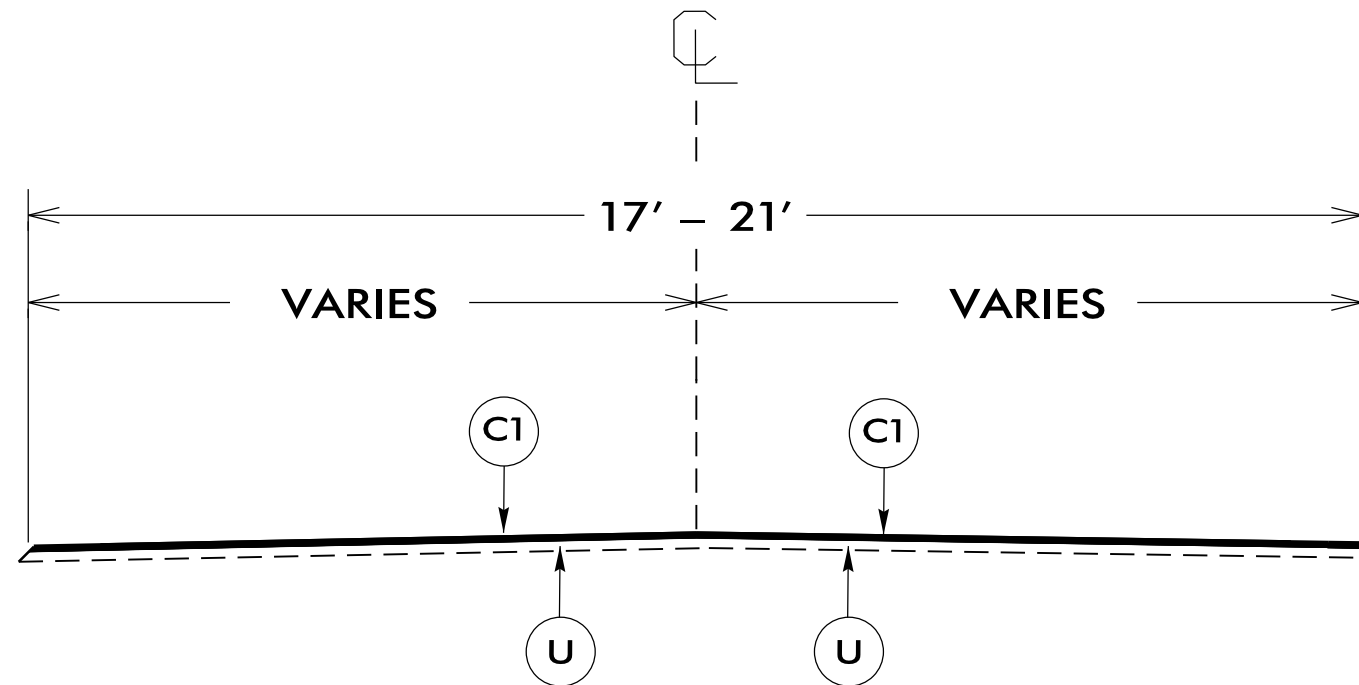
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
2016CPT.01.10.20661.1	2

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 SUMMARY OF QUANTITIES
- *PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS
- *SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- *MAP 4 (SR 1214) AND MAP 9 (SR 1501) REQUIRE WARM MIX ASPHALT



TYPICAL SECTION NO. 1

USE WITH MAPS 1 - 12

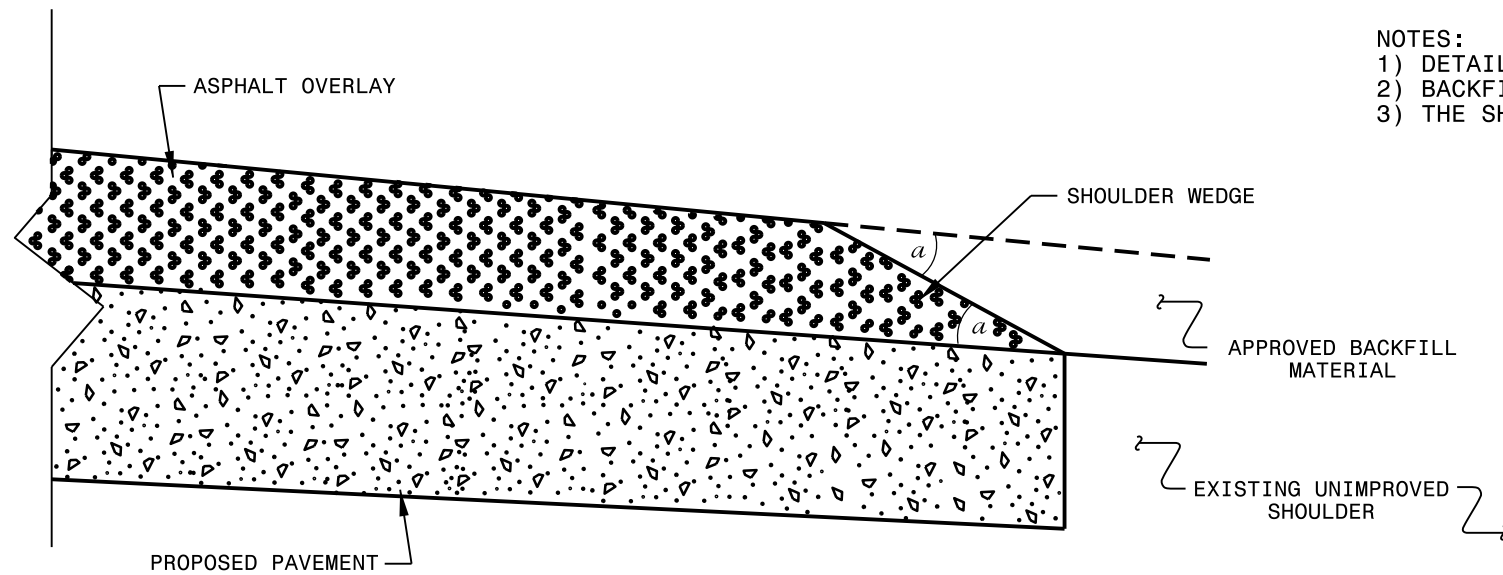
NTS

PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.01.10.20661.1	3	

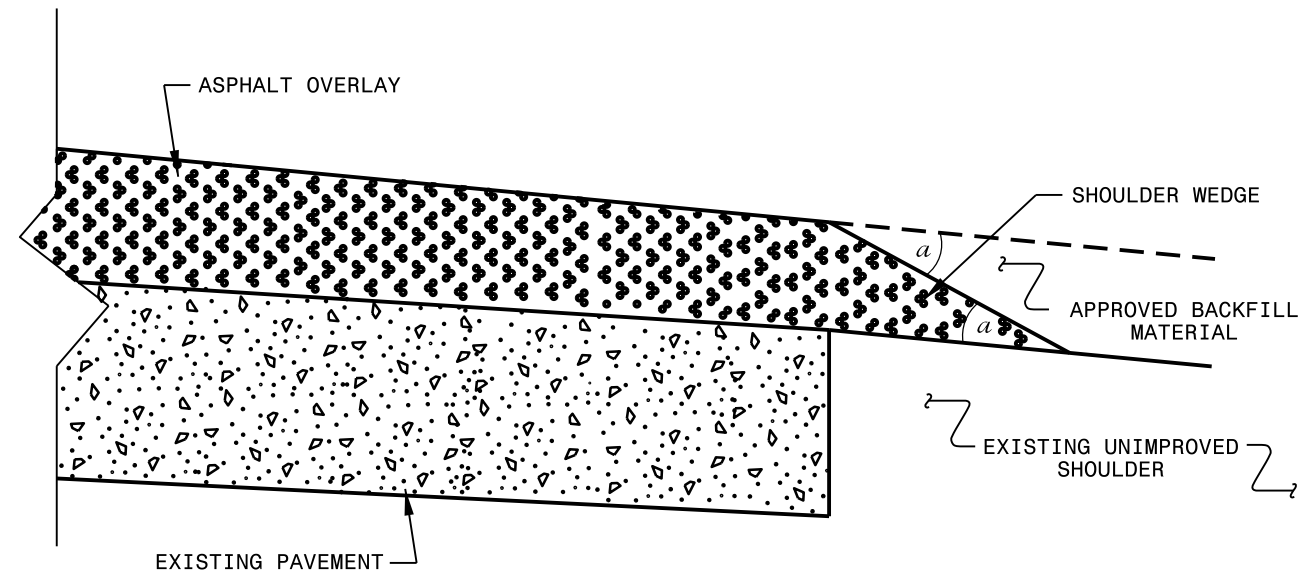
SUMMARY OF QUANTITIES

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 MILLING SY	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF METER OR VALVE BOX EA	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMP TRAFFIC CONTROL LS
2016CPT.01.10.20661.1	Northampton	1	SR 1100	FROM BERTIE CO LINE TO NC 305	1	2	2WU	NO	NO	3.98	20.5	1	150	3,395	227		150	1
2016CPT.01.10.20661.1	Northampton	2	SR 1220	FROM NC 46 TO END	1	2	2WU	NO	NO	1.48	18	*	50	1,102	74		88	*
2016CPT.01.10.20661.1	Northampton	3	SR 1249	FROM SR 1220 TO END	1	2	2WU	NO	NO	0.35	18	*	-	273	18		32	*
2016CPT.01.10.20661.1	Northampton	4	SR 1214	FROM SR 1244 TO WARREN CO LINE	1	2	2WU	NO	YES	2.02	21	*	450	1,935	130	1	118	*
2016CPT.01.10.20661.1	Northampton	5	SR 1250	FROM SR 1214 TO END	1	2	2WU	NO	NO	0.85	19.5	*	50	694	46		56	*
2016CPT.01.10.20661.1	Northampton	6	SR 1251	FROM SR 1213 TO END	1	2	2WU	NO	NO	0.48	18	*	50	373	25		56	*
2016CPT.01.10.20661.1	Northampton	7	SR 1215	FROM NC 46 TO SR 1214	1	2	2WU	NO	NO	0.41	19	*	100	335	22		80	*
2016CPT.01.10.20661.1	Northampton	8	SR 1218	FROM SR 1613 TO END	1	2	2WU	NO	NO	0.59	19	*	50	475	32		56	*
2016CPT.01.10.20661.1	Northampton	9	SR 1501	FROM NC 35 TO SR 1503	1	2	2WU	NO	YES	3.55	20	*	250	3,007	201	1	150	*
2016CPT.01.10.20661.1	Northampton	10	SR 1200	FROM NC 48 TO VA LINE	1	2	2WU	NO	NO	1.72	19	*	50	1,418	95		86	*
2016CPT.01.10.20661.1	Northampton	11	SR 1259	FROM SR 1200 TO SR 1260	1	2	2WU	NO	NO	0.07	18	*	50	55	4	2	32	*
2016CPT.01.10.20661.1	Northampton	12	SR 1260	FROM END TO END	1	2	2WU	NO	NO	0.12	17	*	-	89	6		32	*
GRAND TOTAL										15.63		1	1,250	13,151	880	4	936	1

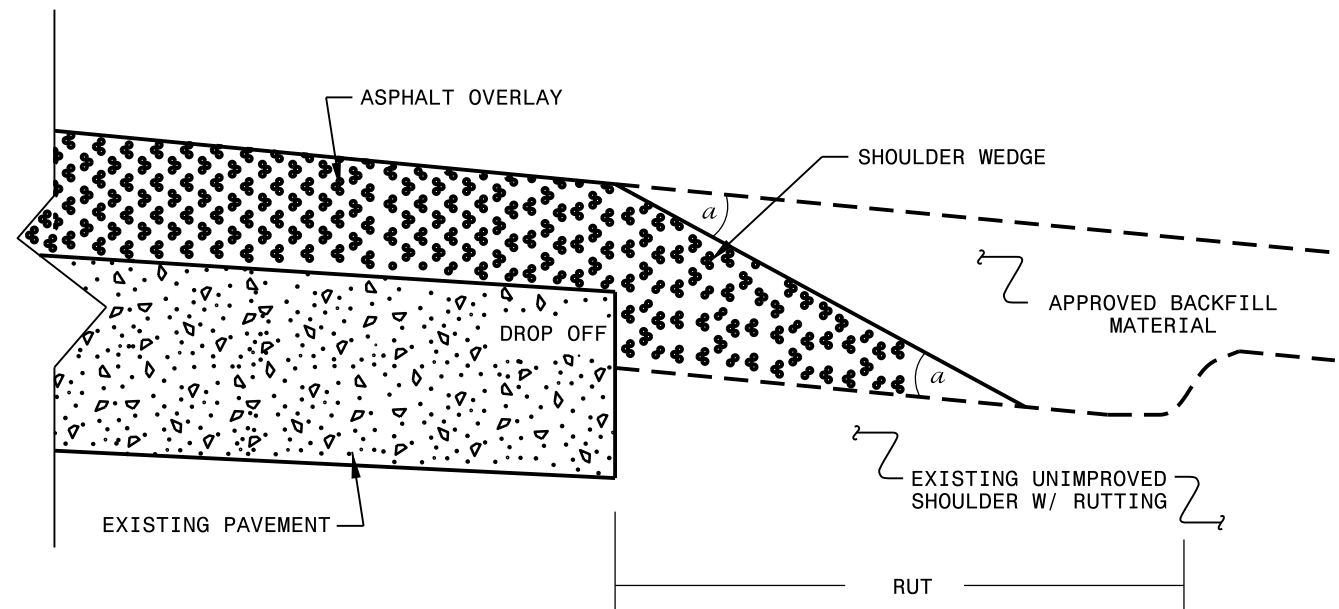
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



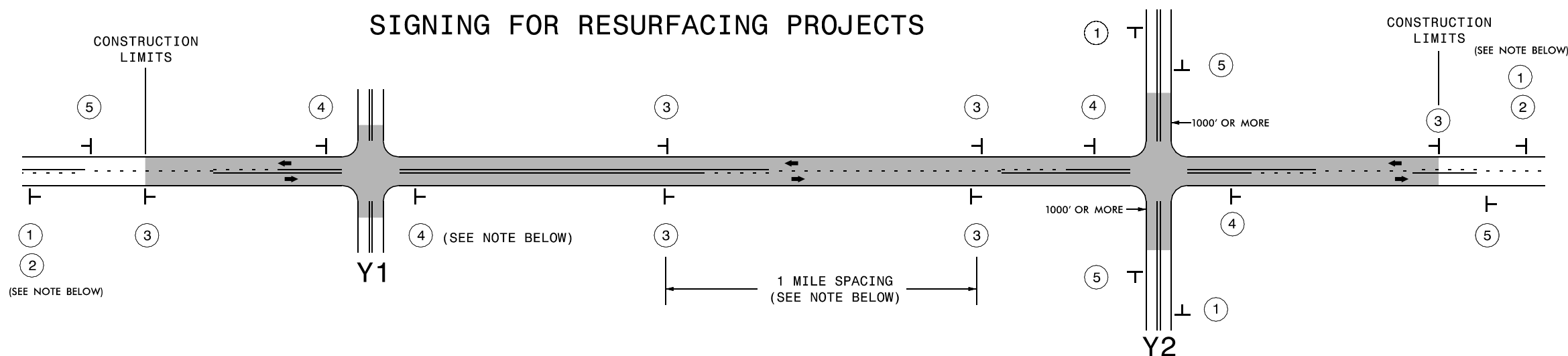
SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- 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.: susr/details/stand/shoulderwedgedetail.dgn			

SYSTEMS DESIGN
USER NAME

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	 <small>W20-1 48" X 48"</small>	<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>	
	②	 <small>W7-3aP 24" X 18"</small>		
	③	 <small>SP 13107 48" X 48"</small>	<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; align-items: center;"> <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>	
	④	 <small>SP 13106 48" X 48"</small>		
⑤	 <small>G20-2 A 48" X 24"</small>	<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>		



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS