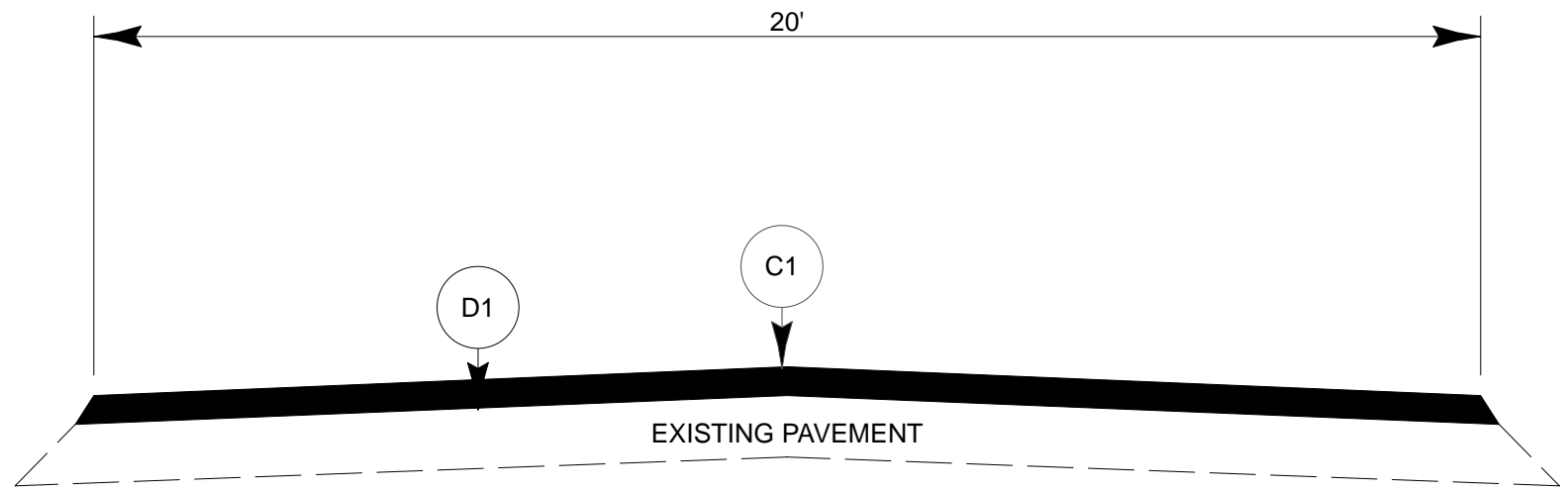
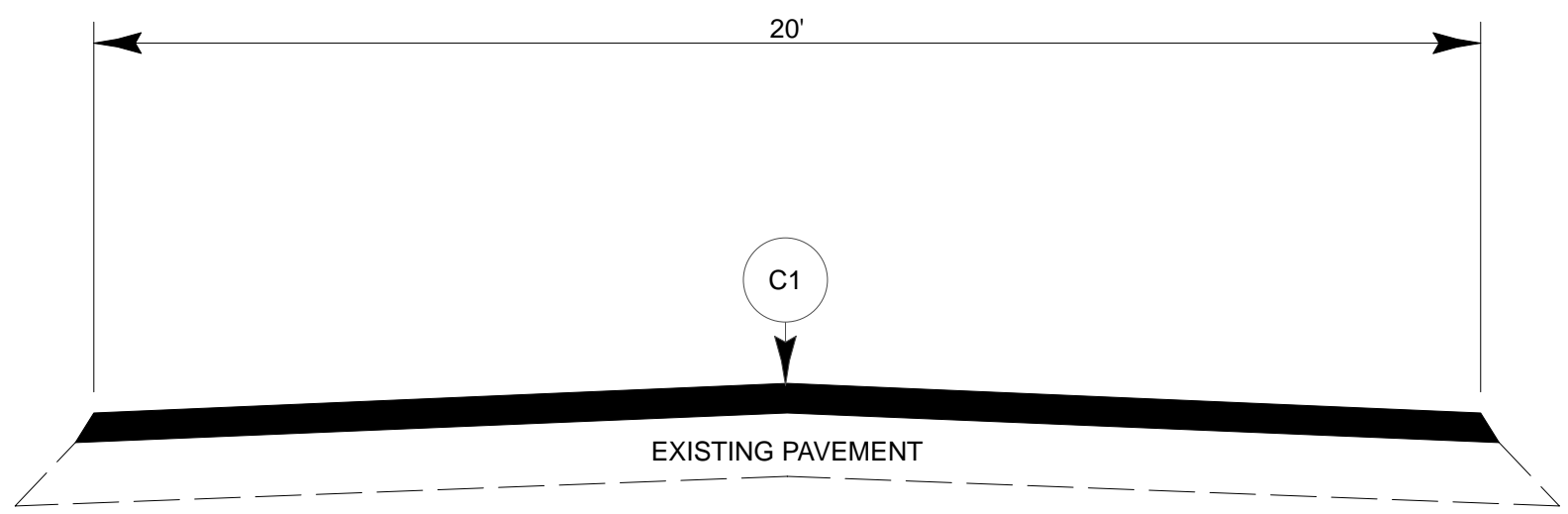


PROJECT NO. 2CR.20251.10	SHEET NO.	TOTAL SHEETS



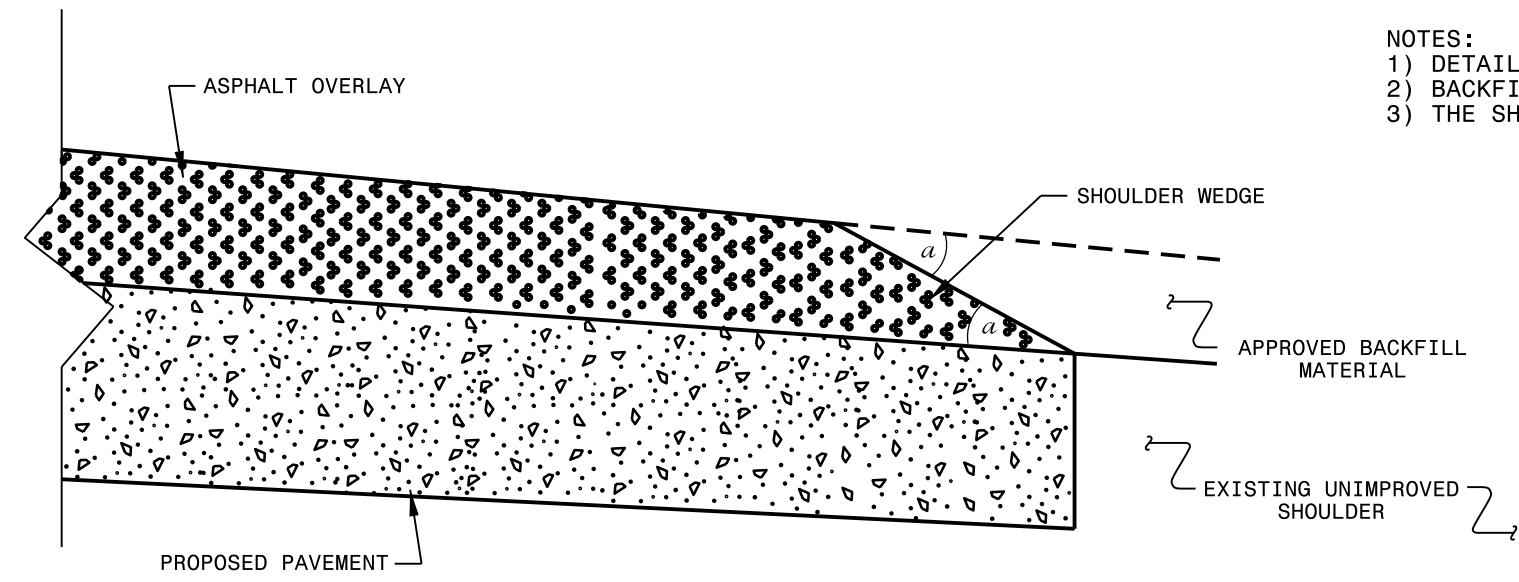
TYPICAL SECTION NO. 1



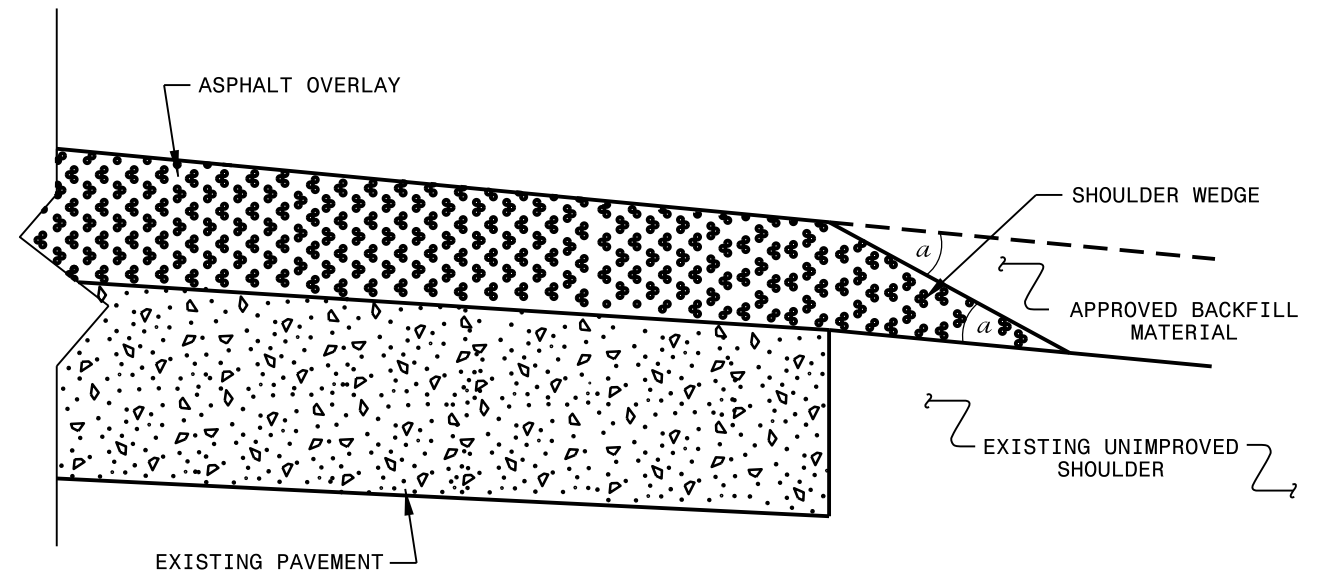
TYPICAL SECTION NO. 2

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.

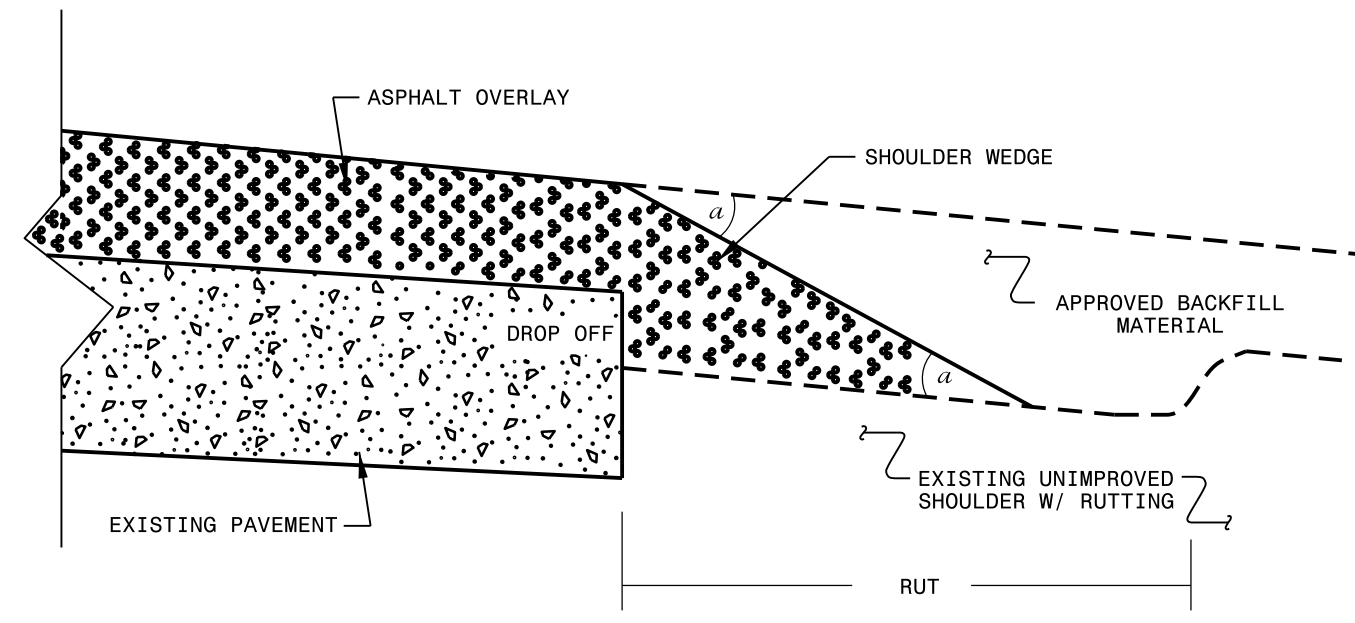
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

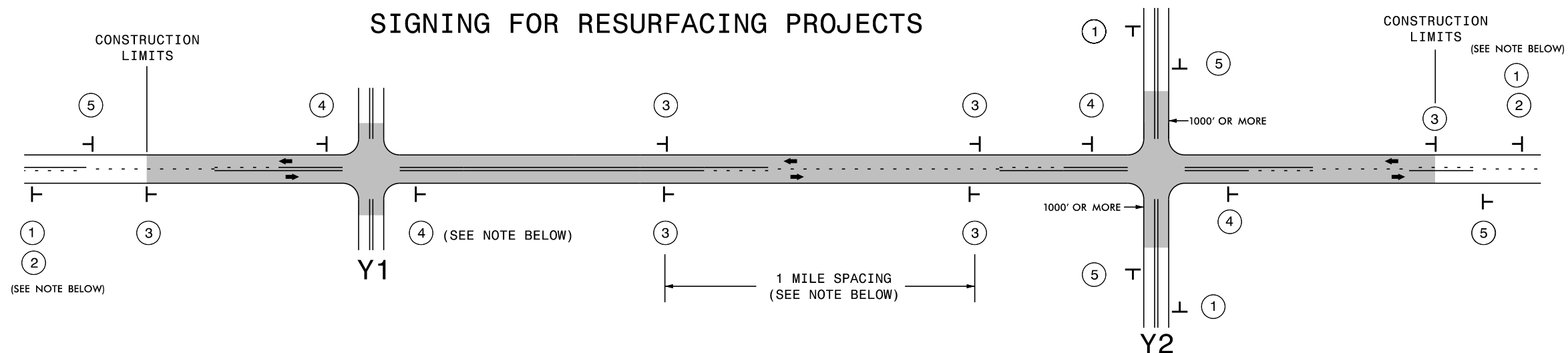
CONTRACT STANDARDS
 AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

**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	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS 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;"> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
②	<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>	
③	<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>	
④	<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>	
⑤	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

PROJECT NO.	SHEET NO.	TOTAL NO.
2CR.20251.10		

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MILLING ASPHALT PAVEMENT, 1.5"DEPTH SY	MILLING ASPHALT PAVEMENT, 0"TO 3" DEPTH SY	ASPHALT CONC INTERMEDIATE COURSE, TYPE TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A TON	ASPHALT BINDER FOR PLANT MIX TON
2CR.20251.10	Craven	1	SR 1436 (WILLIS NECK RD/WINN CIR)	FROM US 17 TO MAJOR WILLIS RD	1	NO	NO	1.9	20			3,274	1,888	284
TOTAL FOR MAP NO. 1								1.9				3,274	1,888	284
2CR.20251.10	Craven	2	SR 1436 (WINN CIR/WILLIS NECK RD)	FROM MAJOR WILLIS RD TO NC 43	2	NO	NO	1.9	20				1,888	126
TOTAL FOR MAP NO. 2								1.9					1,888	126
2CR.20251.10	Craven	3	SR 1437 (WILLIS NECK RD)	FROM SR 1436 (WINN CIR) TO SR 1436 (WINN CIR)	2	NO	NO	0.43	20				427	29
TOTAL FOR MAP NO. 3								0.43					427	29
2CR.20251.10	Craven	4	SR 1444 (PINEY NECK RD)	FROM SR 1440 (STREETS FERRY RD) TO NC 118	2	NO	NO	3.7	20				3,676	246
TOTAL FOR MAP NO. 4								3.7					3,676	246
2CR.20251.10	Craven	5	SR 1465 (BEAVER DAM RD)	FROM PITT COUNTY LINE TO NC 118	2	NO	NO	0.6	20		1,060		596	40
TOTAL FOR MAP NO. 5								0.6			1,060		596	40
2CR.20251.10	Craven	6	SR 1476 (WILMAR RD)	FROM PITT COUNTY LINE TO 1800' W OF US 17	2	NO	NO	5.56	20	1,000			5,524	370
TOTAL FOR MAP NO. 6								5.56		1,000			5,524	370
2CR.20251.10	Craven	7	SR 1476 (WILMAR RD)	FROM 1800' W OF US 17 TO US 17	1	NO	NO	0.34	20			586	338	51
TOTAL FOR MAP NO. 7								0.34				586	338	51
TOTAL FOR PROJ NO. 2CR.20251.10								14.43		1,000	1,060	3,860	14,337	1,146
GRAND TOTAL								14.43		1,000	1,060	3,860	14,337	1,146