

I6-AUG-2018 09:36
 C:\Users\slachta\Desktop\Current Projects\DIVISION PROJECT WORKING FILES\District Three\DA00424 Hyde Co.Primary Resurfacing\Pre-Bid Documents\PDF Plan Sheets\Individual Files\NR 09/08/99
 slachta AT DICAD282935L

CONTRACT: DA00424 WBS PROJECT: 2019CPT.01.15.10481.1



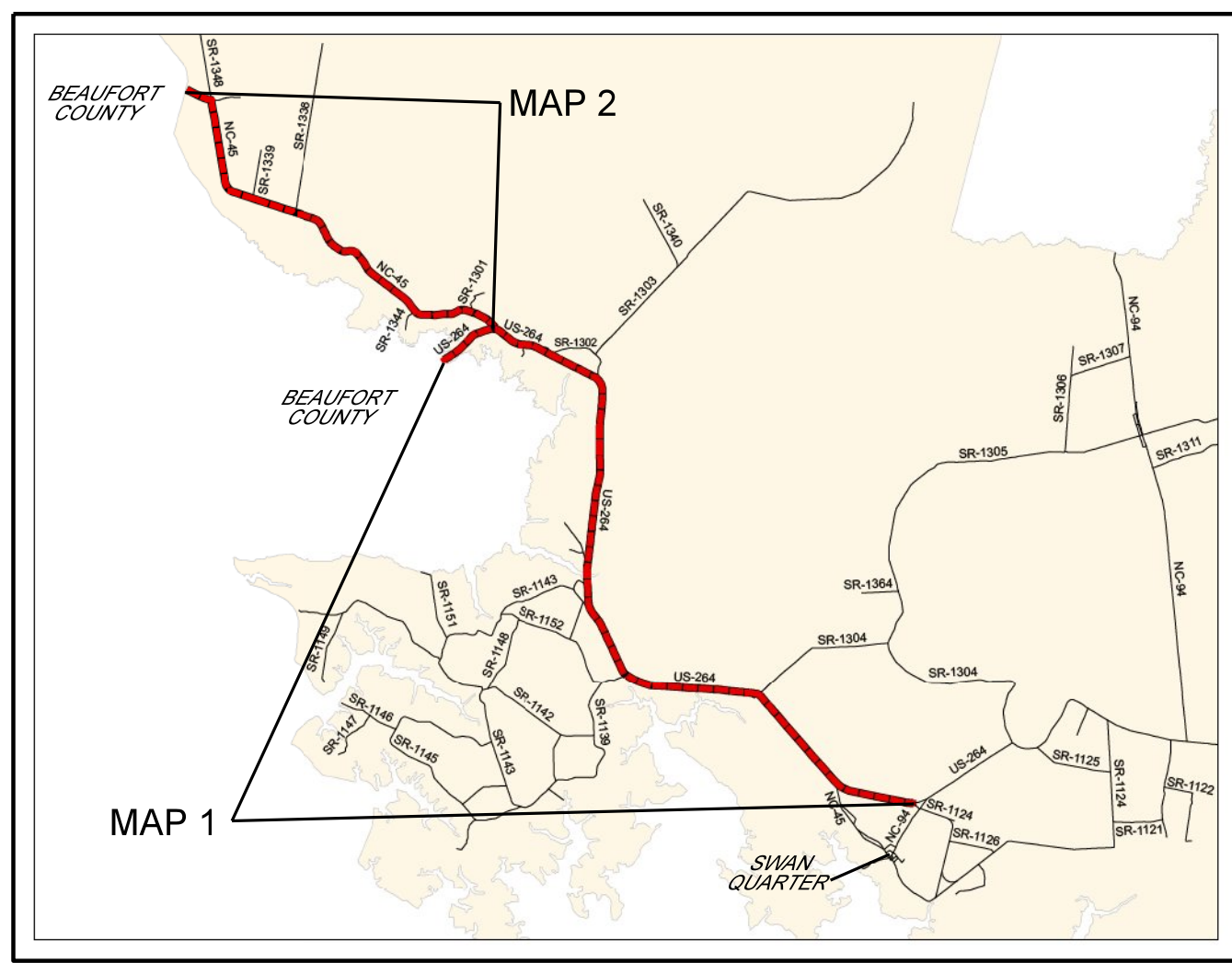
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

HYDE COUNTY

**LOCATION: MAP 1 US 264 FROM BEAUFORT CO. TO NC 94 SWAN QUARTER
 MAP 2 NC 45 FROM US 264 TO BEAUFORT CO.**

TYPE OF WORK: MILLING, RESURFACING, AND LONG-LIFE PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2019CPT.01.15.10481.1	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2019CPT.01.15.10481.1		MAPS 1-2	



NTS

PROJECT LENGTH

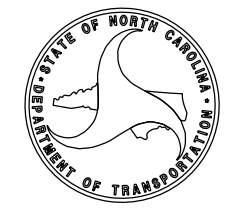
LENGTH OF ROADWAY PROJECT MAP 1 = 18.04 MI.
 LENGTH OF ROADWAY PROJECT MAP 2 = 9.84 MI.

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

2018 STANDARD SPECIFICATIONS

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

C.E. SLACHTA
 DIVISION PROPOSALS ENGINEER



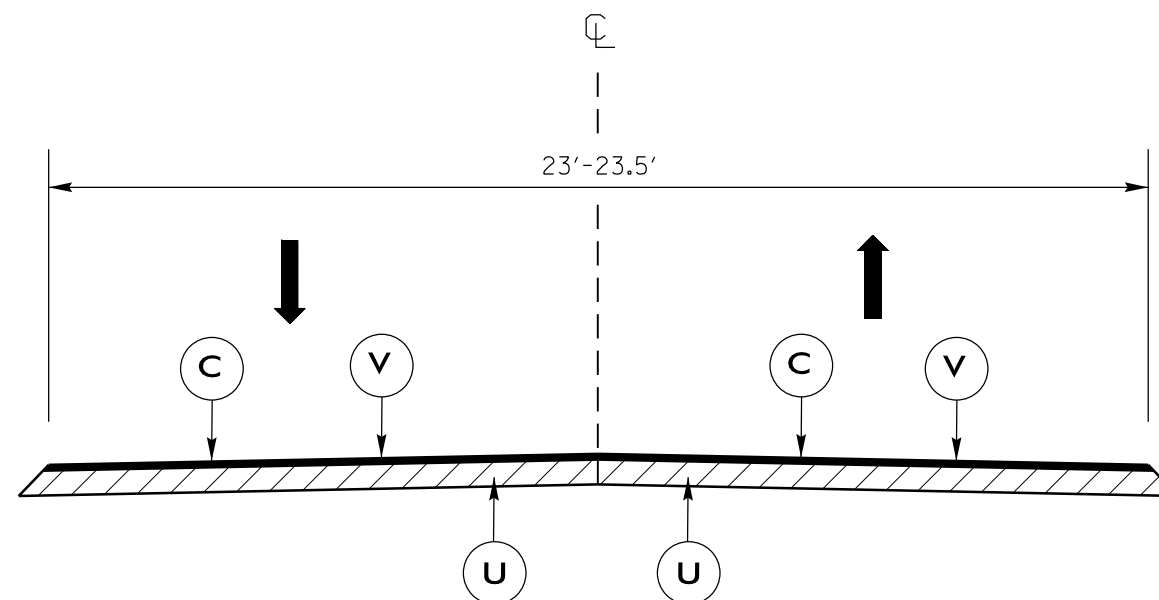
PAVEMENT SCHEDULE

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

NOTES:

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

*CONTRACTOR SHALL PERFORM TEMPORARY PAVEMENT MARKINGS AT MULTILANE SECTIONS.



TYPICAL SECTION NO. 1

USE WITH MAPS 1-2

NTS

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.01.15.10481.1	3	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	MOBILIZATION	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	WORK ZONE ADVANCED / GENERAL WARNING
											MI	FT	LS	SY	SY	TONS	TONS	SF
2019CPT.01.15.10481.1	Hyde	1	US 264	FROM BEAUFORT CO. TO NC 94 SWAN QUARTER	1	2	2WU	NO	NO	YES	18.04	23	1	249,565	7,275	23,730	1,424	2,000
2019CPT.01.15.10481.1	Hyde	2	NC 45	FROM US 264 TO BEAUFORT CO.	1	2	2WU	NO	NO	YES	9.84	23.5	*	135,600	4,100	12,900	774	1,200
GRAND TOTAL											27.88		1	385,165	11,375	36,630	2,198	3,200

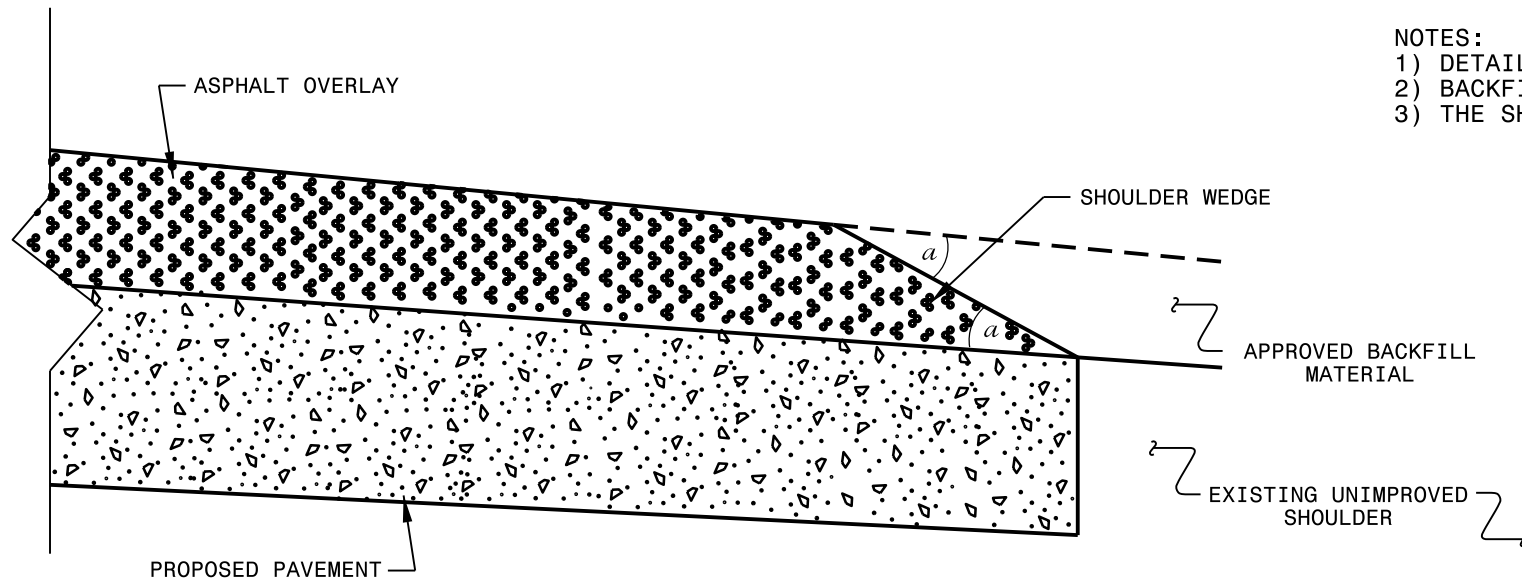
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	12" X 90 M YELLOW THERMO	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M
											MI	FT	LS	LF	LF	LF	LF	EA	EA
2019CPT.01.15.10481.1	Hyde	1	US 264	FROM BEAUFORT CO. TO NC 94 SWAN QUARTER	1	2	2WU	NO	NO	YES	18.04	23	1	194,110	119,064	200	200	1	1
2019CPT.01.15.10481.1	Hyde	2	NC 45	FROM US 264 TO BEAUFORT CO.	1	2	2WU	NO	NO	YES	9.84	23.5	*	105,878	64,944				
GRAND TOTAL											27.88		1	299,988	184,008	200	200	1	1
														184,208		2			

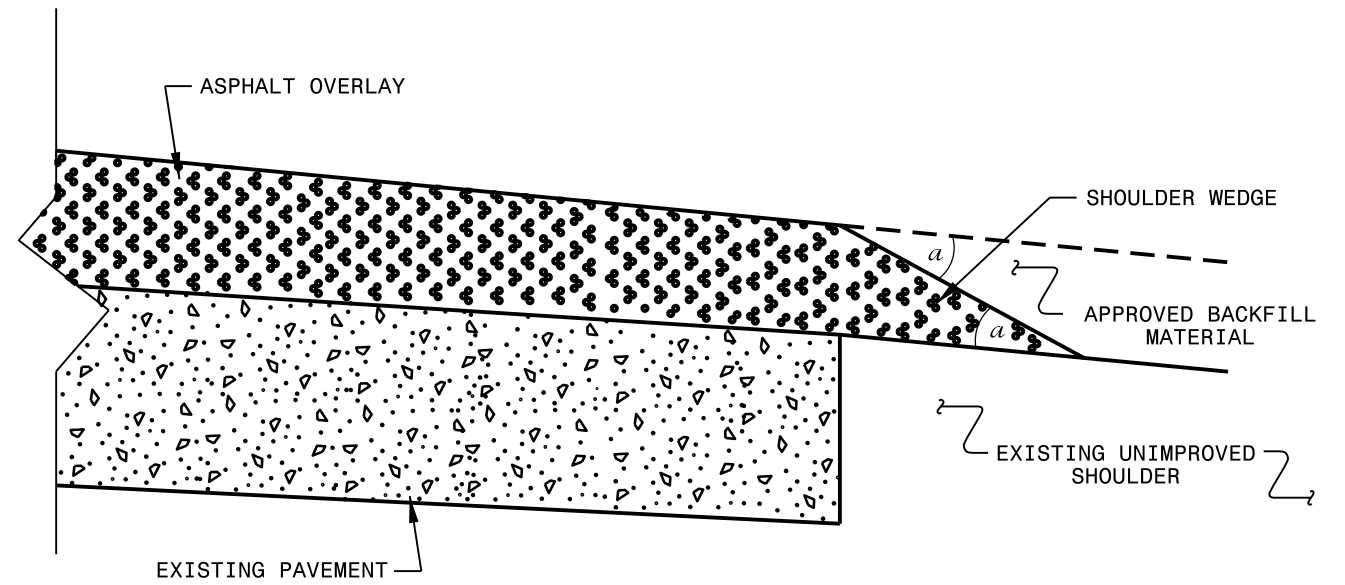
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE REQUIRED	LENGTH	WIDTH	4" WHITE PAINT	4" YELLOW PAINT	12" YELLOW PAINT	PAINT LT ARROW	PAINT RT ARROW	4" WHITE POLYUREA MARKING LINES 20 M	4" YELLOW POLYUREA MARKING LINES 20 M	REMOVAL OF PAVEMENT MARKING LINES (4")	SNOW PLOWABLE MARKERS
											MI	FT	LF	LF	LF	EA	EA	LF	LF	LF	EA
2019CPT.01.15.10481.1	Hyde	1	US 264	FROM BEAUFORT CO. TO NC 94 SWAN QUARTER	1	2	2WU	NO	NO	YES	18.04	23	190,502	119,064	200	1	1	3,100	3,100	6,200	1,191
2019CPT.01.15.10481.1	Hyde	2	NC 45	FROM US 264 TO BEAUFORT CO.	1	2	2WU	NO	NO	YES	9.84	23.5	103,910	64,944							
GRAND TOTAL											27.88		294,412	184,008	200	1	1	3,100	3,100	6,200	1,840
													478,420		2		6,200				

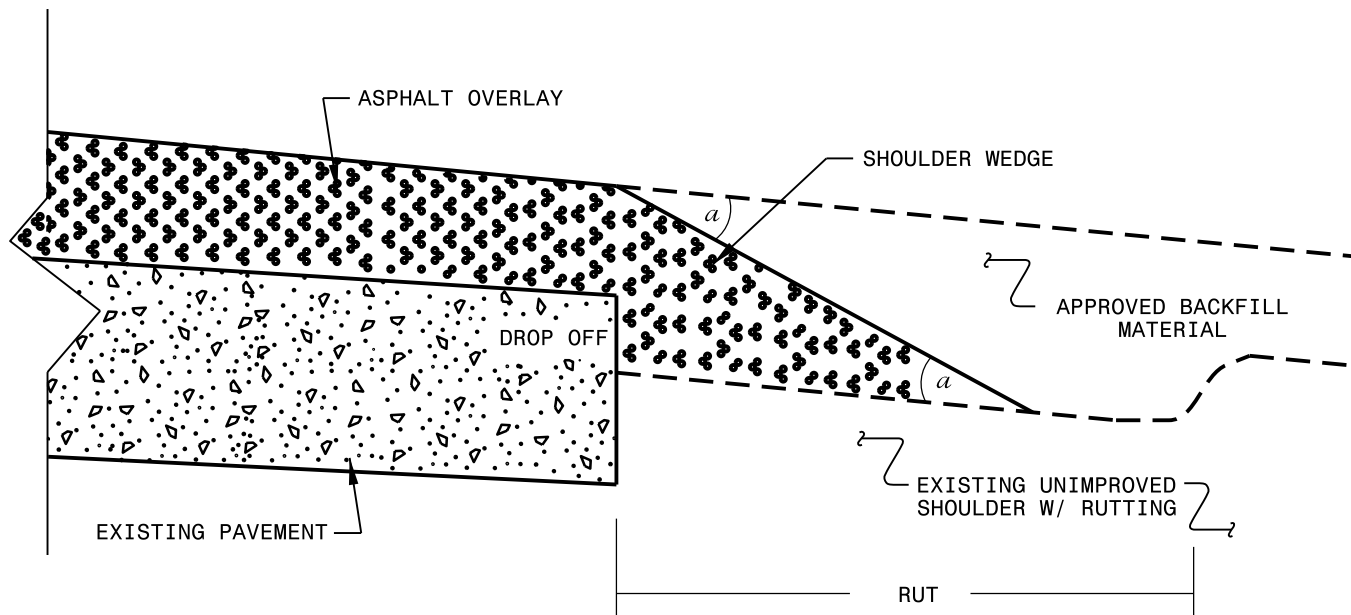
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFCC AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)

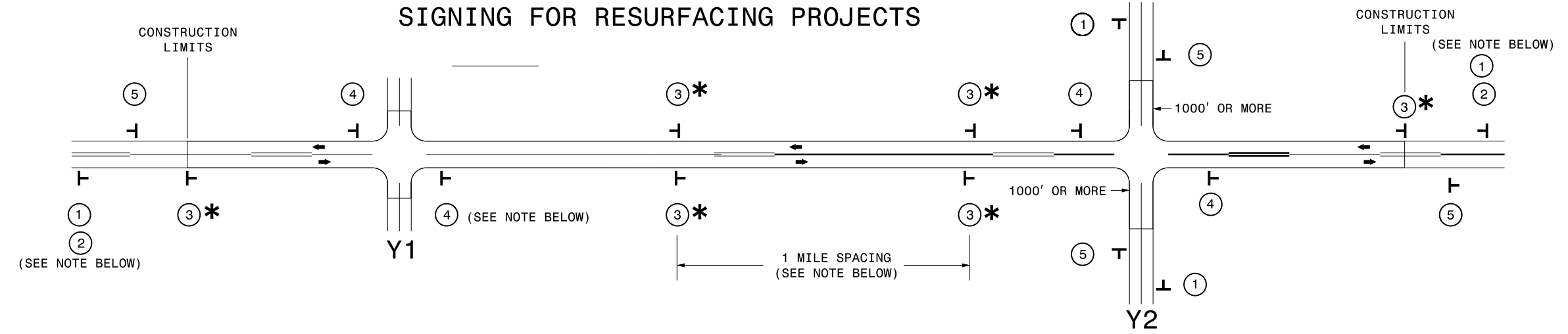


SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- 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.: s:\usr\details\stand\shoulderwedgedetail.dgn	

SIGNING FOR RESURFACING PROJECTS



LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	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.		

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

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.



PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

* 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**

I6-AUG-2008 10:27 C:\Users\sclochrh\OneDrive\Documents\Projects\DIVISION PROJECT WORKING FILES\District Three\040424 Hyde Co.Primary Resurfacing\Pre-Bid Documents\PDF Plan Sheets\Individual Files\Resurfacing Plans.dgn AT: DICAD28295L