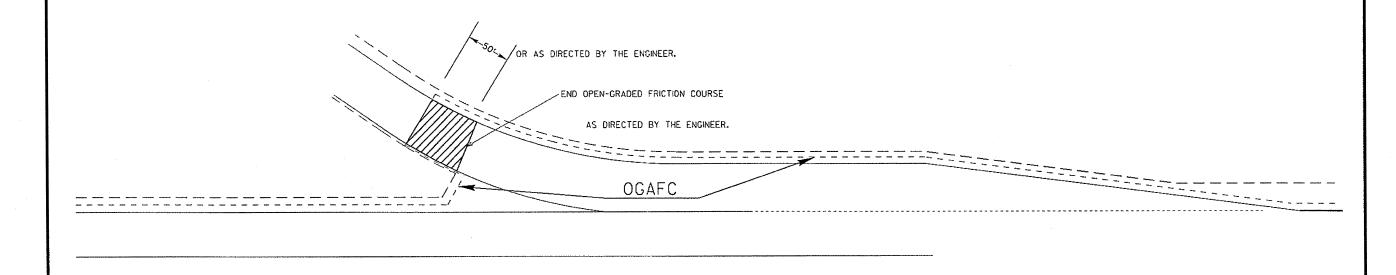


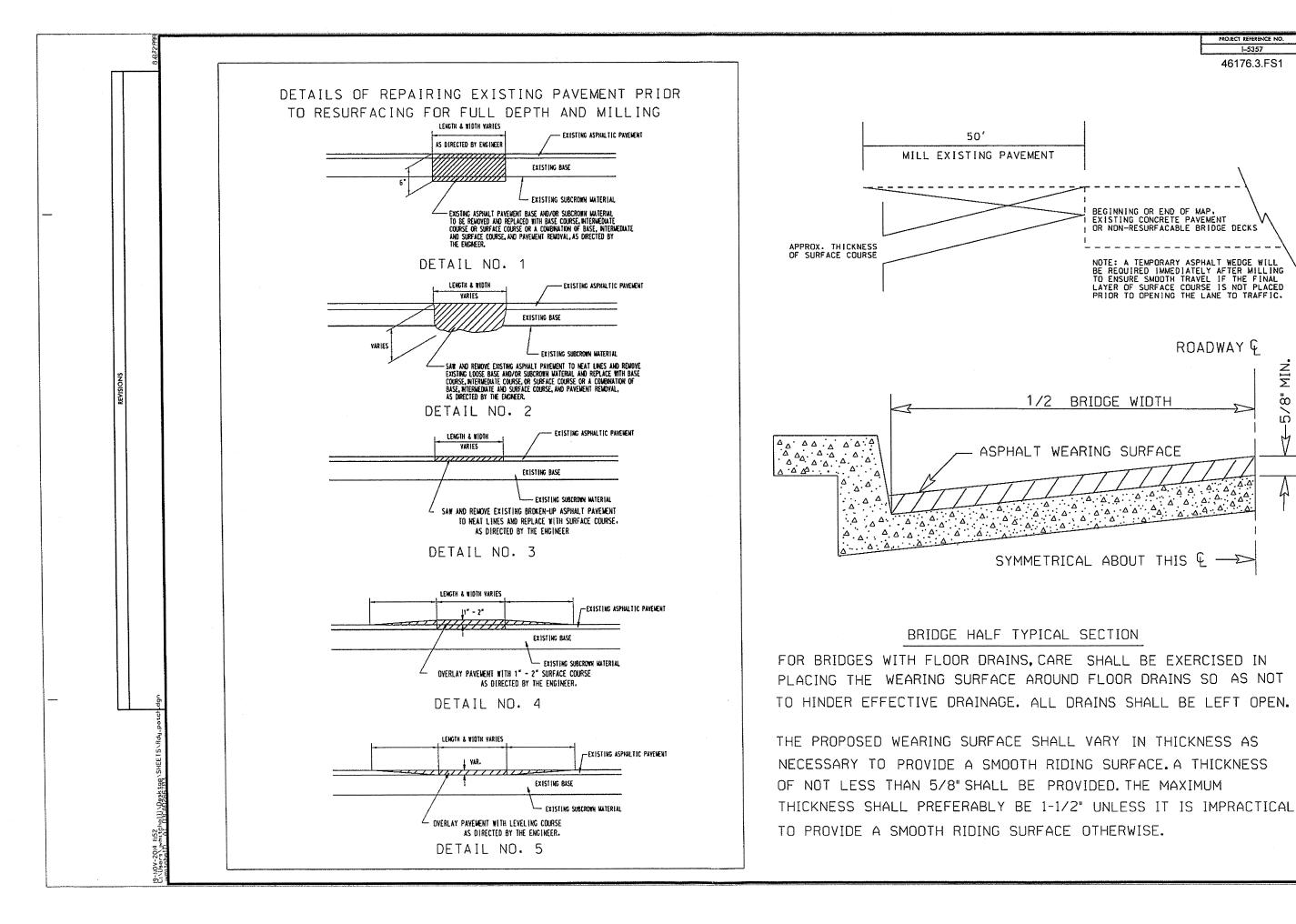
PROJECT REFERENCE NO. SHEET NO. 1-5357 3

46176.3.FS1

PAVING LIMITS FOR OPEN-GRADED FRICTION COURSE AT EXIT AND ENTRANCE RAMPS



AND AND RESURFACING ROY TUP. 2015 RESURFACING



FROJECT REFERENCE NO. SHEET NO.

I - 5327 5

46176.3.FS1

NOTES:
1) DETAIL DOES NOT APPLY TO OGAFC 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

APPROVED BACKFILL
MATERIAL

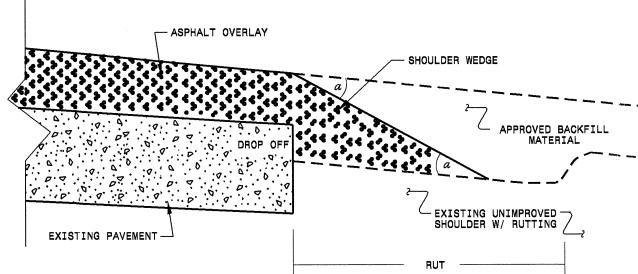
EXISTING UNIMPROVED
SHOULDER

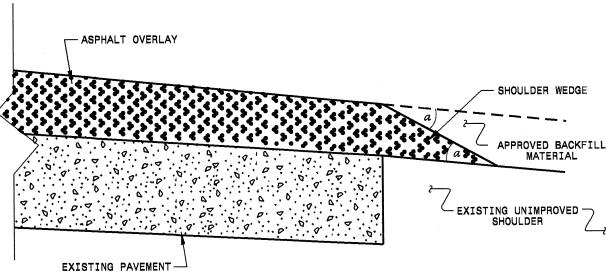
PROVED BACKFILL
MATERIAL

SHOULDER WEDGE DETAIL

PROPOSED PAVEMENT -

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





SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)

- 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	
CHECKED BY:	DATE:
FILE SPEC.	s:uar/details/stand/shoulderwedgedetail.don

SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

C:\Users\Djporter\Documents\misc\MEVISED Shoulder pjporter AT CSD261658

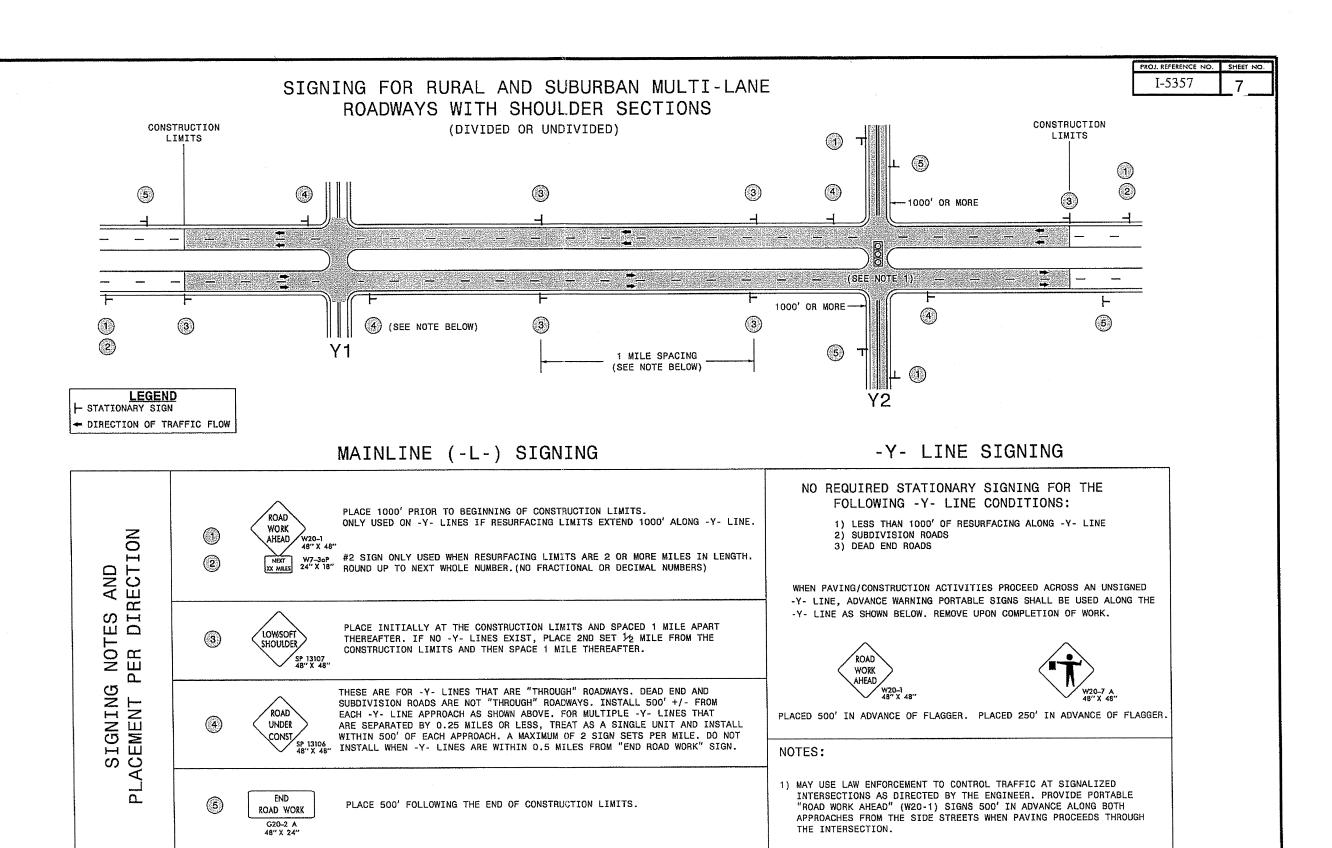
PROJECT NO.	SHEET NO.	TOTAL NO.					
I-5357, 46176.3.FS1	6						

SUMMARY OF QUANTITIES

PROJECT COUNTY MAP ROUTE DESCRIPTION TYP LANE LANE FINAL WARM LENGTH WIDTH DEBRIS 1-1/2" MILLING SURFACE ASPHALT POLYMER OGFC, PATCHING MILLED PATCHING WEDGING REMOVE & STEEL BM GUARD GUARD GUARD REMOVE INDUC																														
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANE	LANE	FINAL	WARM	LENGTH	WIDTH	DEBRIS	1-1/2"	MILLING	SURFACE	ASPHALT	POLYMER	OGFC,	PATCHING	MILLED	PATCHING	WEDGING	REMOVE &	STEEL BM	GUARD	GUARD	GUARD	REMOVE		INDUCTIVE
		1				S	TYPE	SURFACE	MIX			REMOVAL	MILLING	ASPHALT	COURSE,	BINDER	MODIFIED	FC-2	EXISTING	RUMBLE	EXISTING	COURSE	REPLACE	GUARD	RAIL	RAIL	RAIL	& RESET	ADDITI	LOOP
		1						TESTING	ASPHALT		ł	EXISTING		PAVEMENT	S9.5C	FOR		1	PAVEMENT		PAVEMENT		SHOULDER	RAIL	ANCHOR	ANCHOR	ANCHOR	EXISTING	ONAL	SAWCUT
		1						REQUIRE	REQUIRE		l	SHOULDER		. 1.5" TO		PLANT	BINDER	D	(FULL		(MILL)		BERM		UNIT.	UNIT.	UNIT,	l	GUARD	
							1	ח	D			BERM		2.75"		MIX	FOR PLANT	-	DEPTH)		(111122)		GUTTER		TYPE CAT-	TYPE	TYPE	RAIL	RAIL	
		1					l					GUTTER		2.73		IVIIA	MIX		DET III)				GOTTER		1	350	M-350	IVAIL	POSTS	
		1				l						GOTTER					IVIIA								-	330	IVI-330		PU313	
NO		NO			NO					Mi	ET	LF	SY	SY	TONS	TON	TON	TONS	TON	LF	TON	TON	LF	LF	EA	EA	EA	LF	EA	LF
140		1.0			110							 '	31	31	10113	1014	1014	10143	1011	L1	1014	1014		ь.						
		1	1-40	FROM MP]																	1		
		1	EASTBOUND	408.2 TO MP							l		İ						l				1							
46176.3.FS1	New Hanover	1		420.4	1	2	MD	YES	NO	11.87	38 - 64	296		282,562	26,189	1,545	850	13,934	150	125,347	250	100	15	200	2	2	1	11,648	70	
			1-40	FROM MP																										
		1		420.4 TO MP														1												
46176 3 FS1	New Hanover	2	WESTBOUND	408.2	1	2	MD	YES	NO	11.89	38 - 64	550		279,198	25,878	1,527	838	13,736	200	125,558	150		140	200	2	2	1	10,136	70	350
1027 0.0.1.02	110111111111111111111111111111111111111	+-	1-40	400.2	+-+	-	1010	7.20		11.05	30 07	330		273,130	25,570	1,527	030	13,730	200	125,550	150		140	200				10,130	,,,	330
		1					ľ				l							1					ļ					l		
		1	EASTBOUND	RAMP LANE AT	1							1																	-	
46176.3.FS1	NewHanover	3	RAMP LANE	EXIT 416	2	1	2WU	YES	NO	1.01	24 - 32		19,419		1,801	106				<u> </u>										
		l	1-40	FROM MP			- 1																							
			1	389.5 TO MP			- 1																							
46176.3.FS1	Pender	1 4	EASTBOUND	393	1 1	2	MD	YES	l no l	3.5	38 - 64			81,207	7,527	444	243	3,987	İ	36,960	150	-		200	1	1	1	730	30	
10270.5.102	T CHICK	 		- 333	+		14.5	120	"	3.3	30 07		 	01,207	7,527		243	3,50,	<u> </u>	30,300	150			200				1 ,30	- 50	
			1-40																	İ										
			WESTBOUND	FROM MP 393			- 1											ŀ		l	•									
46176.3.FS1	Pender	5	·	TO MP 389.5	1	2	MD	YES	NO	3.5	38 - 64	35		81,392	7,544	445	244	3,998	150	36,960	200		15	200	1	1	1	882	30	
i																														
GRAND TOTA	AL FOR PROJ NO	7 46176.3.FS1																		1										
						į.				31.77	[881	19 419	724,359	68,939	4.067	2,175	35,655	500	324,825	750	100	170	800	6	6	4	23,396	200	350
				L	1 1	1 1			1 1	31.77	1	1 001	1 23,723	127,333	1 00,555	1 7,007	1 2,1/3	1 33,033	1 300	1 327,023	, ,,,,	100	1 1/0	1 000	, ,	, ,	, -	1 23,330	200	, 550

THERMOPLASTIC AND PAINT QUANTITIES

		Ι		I		I		T		4413000000	445700000	4510000000	1	4725000000	-F	48150	00000-E	48250000	4	845000000-	N	484710	00000-E	4847120000	485000000	49050000	0 49600000	5255000000-N
PROJECT	COUNTY	МАР	ROUTE	DESCRIPTION	TYP	LANE	LANE	LENGTH	l		TEMPORA			THERMO	THERMO			12"	MERGE	PAINT	PAINT RT		6" YELLOW				RELENS	PORTABLE
						s	TYPE			ZONE	RY	ENFORCEM	ARROW	STR	RT ARROW	PAINT	PAINT	WHITE	ARROW	STR	ARROW	POLYUREA	POLYUREA	POLYUREA	OF	PLOWAB	SNOWPL	LIGHTING
		ŀ								ADVANCE/	TRAFFIC	ENT	90 M	ARROW	90 M			PAINT		ARROW		(HIGHLY	(HIGHLY	(HIGHLY	PAVEMEN	LE	OWABLE	
						-				GENERAL	CONTROL			90 M								REFLECTIVE	REFLECTIVE	REFLECTIVE	Т Т	MARKER	PAVEME	
										WARNING												ELEMENTS)	ELEMENTS)	ELEMENTS)	MARKING	S (C/R)	NT	
										SIGNING															LINES (4")		MARKER	
NO		NO			NO					SF	LS	HR	EA	EA	EA	LF	LF	LF	EA	EA	EA	LF	LF	LF	LF	EA	EA	LS
		;	I-40 EASTBOUND	FROM MP 408.2 TO MP																								
46176.3.FS1	New Hanover	1	ENDIBOONS	420.4	1	2	MD	11.87	38 - 64	176		120	12	10	5	91,050	72,864	3,475	12	10	5	91,050	72,864	3,475	3,592	750	20	*
46176.3.FS1	New Hanover	2	I-40 WESTBOUND	FROM MP 420.4 TO MP 408.2	1	2	MD	11.89	38 - 64	176		120	9	6	3	91,050	72,864	3,475	9	6	3	91,050	72,864	3,475	3,592	759	20	*
46176.3.FS1	NewHanover	3	I-40 EASTBOUND RAMP LANE	RAMP LANE AT EXIT 416	2	2	2WU	1.01	24 - 32	128	*		3	·		5,858	5,332	1,994	3			5,858	5,332	1,994		172		
46176.3.FS1	Pender	4	I-40 EASTBOUND	FROM MP 389.5 TO MP 393	1	2	MD	3.5	38 - 64	64		35	3			23,100	18,480	1,515	3			23,100	18,480	1,515		361		
46176.3.FS1	Pender	5	I-40 WESTBOUND	FROM MP 393 TO MP 389.5	1	2	MD	3.5	38 - 64	64		35	3			23,100	18,480	1,330	3			23,100	18,480	1,330		361		
GRANI	D TOTAL FOR PF 46176.3.F). I-5357					31.77		608	1	310	30	16	8	234,158	188,020	11,789	30	16	8	234,158	188,020	11,789	7,184	2,403	40	1
											54		422	2,178			54		422	2,178								





RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS
(DIVIDED OR UNDIVIDED)

7/24/2014 7 Table W7 TC (Bro. or footlook 2013Res.)

