

SHEET NO.

2

DESCRIPTION

MAP 9

MAP 10

MAP 11

MAP 12

MAP 13

MAP 14

MAP 15

MAP 16

MAP 17

8

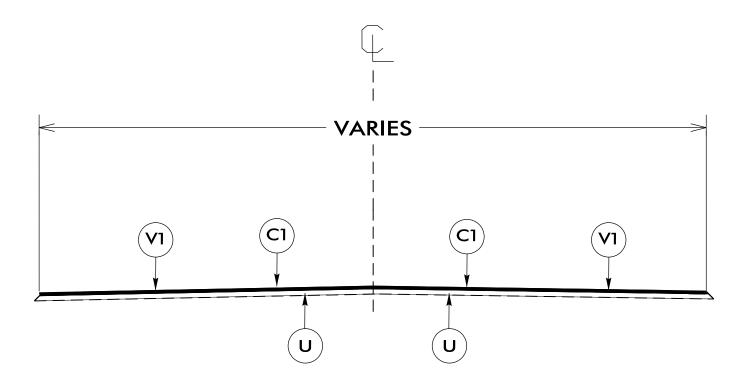
PROJECT REFERENCE NO.	SHEET NO.
1CR.10661.29, ETC.	3 of 8

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILLING BITUMINOUS PAVEMENT. 1.5" IN DEPTH.
U	EXISTING PAVEMENT.

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
- *SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- *PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS



TYPICAL SECTION NO. 1

USE WITH MAPS 1, 3, & 4

04-MAR-2015 09:21

NTS

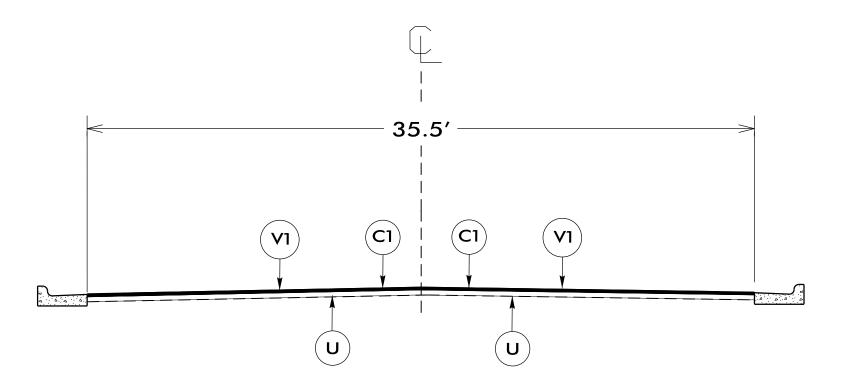
PROJECT REFERENCE NO.	SHEET NO.
1CR.10661.29, ETC.	4 of 8

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	MILLING BITUMINOUS PAVEMENT. 1.5" IN DEPTH.
U	EXISTING PAVEMENT.

OTES:

- *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
- *CONTRACTOR SHALL MILL 1.5" BELOW EXISTING EDGE OF CONC. CURB & GUTTER.
- *PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS



TYPICAL SECTION NO. 2

USE WITH MAP 2

04-MAR-2015 09:22

NTS

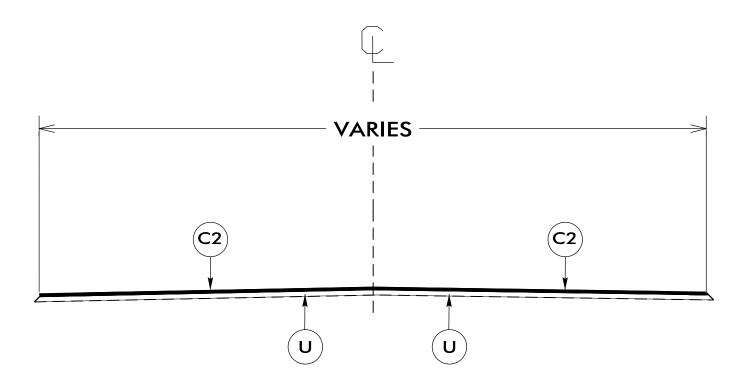
PROJECT REFERENCE NO.	SHEET NO.					
1CR.10661.29, ETC.	5 of 8					

PAVEMENT SCHEDULE

C2	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.

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
- *SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- *PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS
- *BRIDGE NO. 55 ON MAP 7 SHALL NOT BE RESURFACED.
- *BRIDGE NO. 14 ON MAP 8 TO BE MILLED 1.25" AND RESURFACED WITH 1.25" OF MIX SF9.5A.



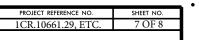
TYPICAL SECTION NO. 3

USE WITH MAPS 5 - 17

PROJECT NO.	SHEET NO.	TOTAL NO.
1CR.10661.29, ETC.	6	8

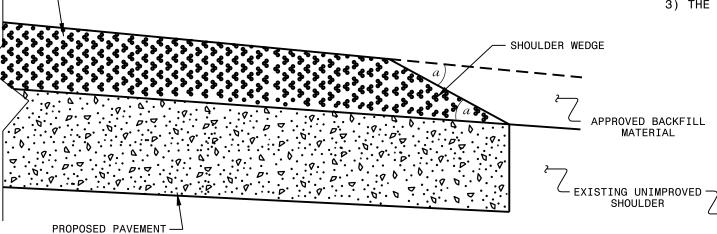
SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES		FINAL	WARM MIX ASPHALT	LENGTH	WIDTH	MOBILIZATION	1.5"	INCIDENTAL	SURFACE	SURFACE	ASPHALT	AC PLANT MIX	ADJ. OF	ADJ. OF	TEMPORARY TRAFFIC
							TYPE	SURFACE TESTING	REQUIRED				MILLING	MILLING	COURSE, S9.5C	COURSE, SF9.5A	BINDER FOR PLANT MIX	(REPAIR)	MANHOLES	METER OR VALVE BOX	CONTROL
								REQUIRED	KLQOIKLD						39.30	3F3.3A	PLAINT IVIIX	(NLPAIN)		VALVE BOX	CONTROL
NO		NO			NO			REQUIRED		MI	FT	LS	SY	SY	TONS	TONS	TONS	TONS	EA	EA	LS
1CR.10661.29	Northampton	1	NC 46	FROM GASTON ECL TO BEGIN C&G	1	2	2WU	NO	NO	0.12	Varies	1	2,000		173		10				1
1CR.10661.29	Northampton	2	NC 46	FROM BEGIN C&G TO END C&G	2	3	MU	NO	NO	0.82	35.5	*	17,300		1,563		92	10	4		*
1CR.10661.29	Northampton	3	NC 46	FROM END C&G TO NC 48	1	2	2WU	NO	NO	0.15	Varies	*	2,200		189		11				*
1CR.10661.29	Northampton	4	NC 46	FROM NC 48 TO BROUGHTON ST.	1	2	2WU	NO	NO	0.13	Varies	*	1,900		166		10				*
1CR.20661.103	Northampton	5	SR 1614	FROM SR 1217 TO VA SL	3	2	2WU	NO	NO	1.33	19	*		40		1,110	74				*
1CR.20661.104	Northampton	6	SR 1217	FROM SR 1214 TO VA SL	3	2	2WU	NO	NO	0.73	20	*		100		645	43			2	*
1CR.20661.105	Northampton	7	SR 1202	FROM SR 1200 TO SR 1201	3	2	2WU	NO	NO	2.31	20	*		80		1,982	133				*
1CR.20661.106	Northampton	8	SR 1500	FROM US 158 TO SR 1505	3	2	2WU	NO	NO	5.79	21	*		220		5,076	340				*
1CR.20661.107	Northampton	9	SR 1317	FROM SR 1300 TO NC 186	3	2	2WU	NO	NO	3.15	19	*		200		2,432	163				*
1CR.20661.108	Northampton	10	SR 1318	FROM SR 1317 TO DEAD END	3	2	2WU	NO	NO	0.44	18	*		50		337	23				*
1CR.20661.109	Northampton	11	SR 1320	FROM SR 1300 TO SR 1324	3	2	2WU	NO	NO	1.41	18	*		150		1,089	73				*
1CR.20661.110	Northampton	12	SR 1231	FROM NC 46 TO NC 46	3	2	2WU	NO	NO	0.31	20	*		80		266	18				*
1CR.20661.111	Northampton	13	SR 1232	FROM SR 1231 TO SR 1231	3	2	2WU	NO	NO	0.12	20	*				113	8				*
1CR.20661.112	Northampton	14	SR 1235	FROM NC 46 TO END	3	2	2WU	NO	NO	0.40	18	*		40		310	21			1	*
1CR.20661.113	Northampton	15	SR 1239	FROM US 301 TO END	3	2	2WU	NO	NO	0.19	20	*		40		172	12		3	1	*
1CR.20661.114	Northampton	16	SR 1229	FROM NC 46 TO NC 46	3	2	2WU	NO	NO	0.43	16	*		80		311	21				*
1CR.20661.115	Northampton	17	SR 1262	FROM I-95 RAMP TO END	3	2	2WU	NO	NO	0.32	16	*		60		238	16				*
				TOTAL						18.15		1	23.400	1.140	2.091	14.081	1.068	10	7	4	1



NOTES:

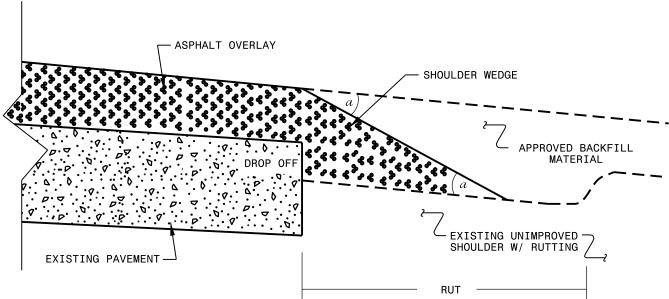
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

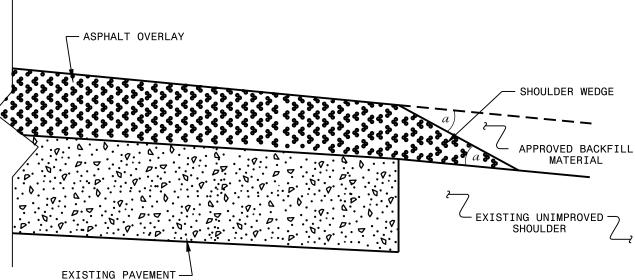


SHOULDER WEDGE DETAIL

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

ASPHALT OVERLAY





SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT e 919-707-6950 FAX 919-250-4

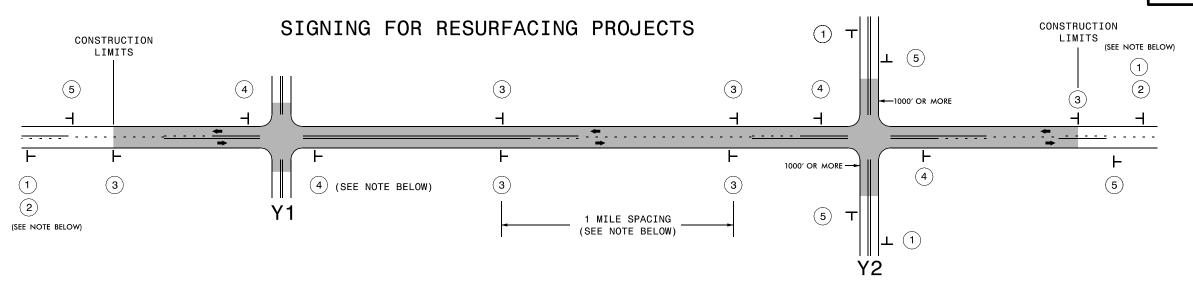
SHOULDER WEDGE **DETAILS**

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

SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

1CR.10661.29, ETC 8 of 8



LEGEND

STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

NO REQUIRED STATIONARY SIGNING FOR THE

FOLLOWING -Y- LINE CONDITIONS:

1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE

-Y- LINE SIGNING

- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ROAD ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. WORK NOTES AND PER DIRECTION AHEAD W20-1 #2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. (2) ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS) PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART LOW/SOFT (3) THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE SHOULDER CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER. SIGNING PLACEMENT P THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM ROAD` EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT (4) UNDER ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL CONST/ 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.

ROAD WORK G20-2 A 48" X 24"

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

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



RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2 LANE ROADWAYS