

CONTRACT NO.: DA00174 WBS ELEMENT: IC.070037, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

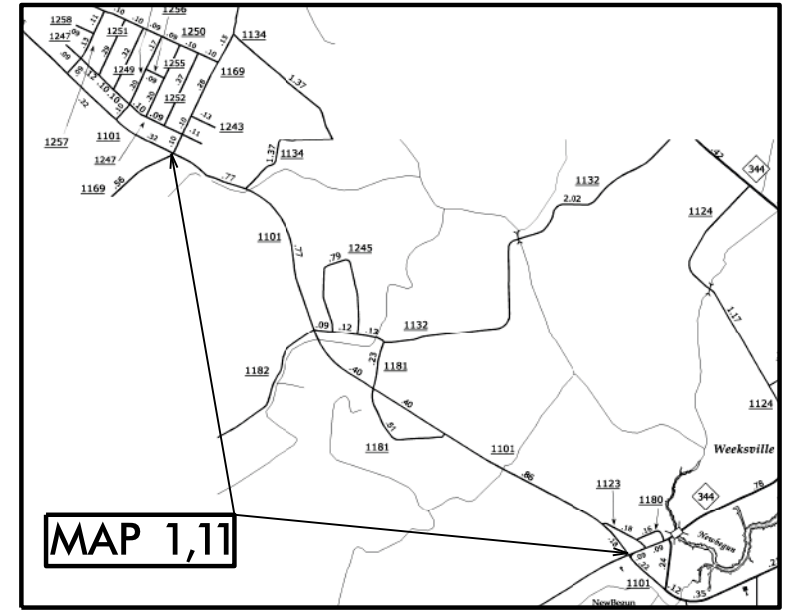
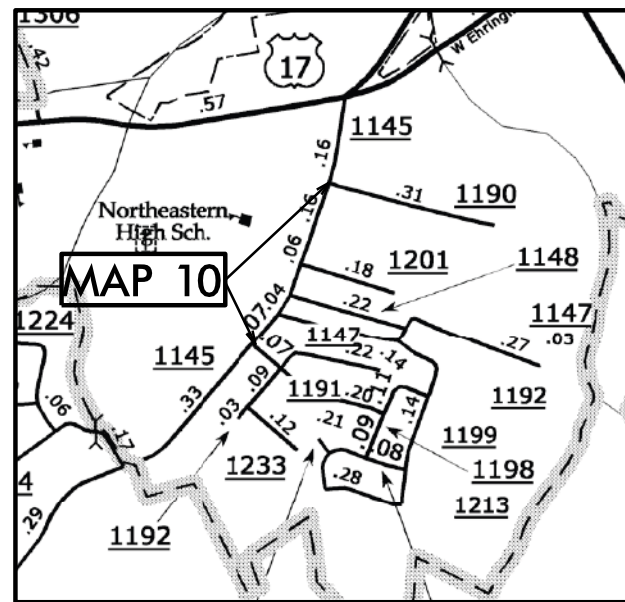
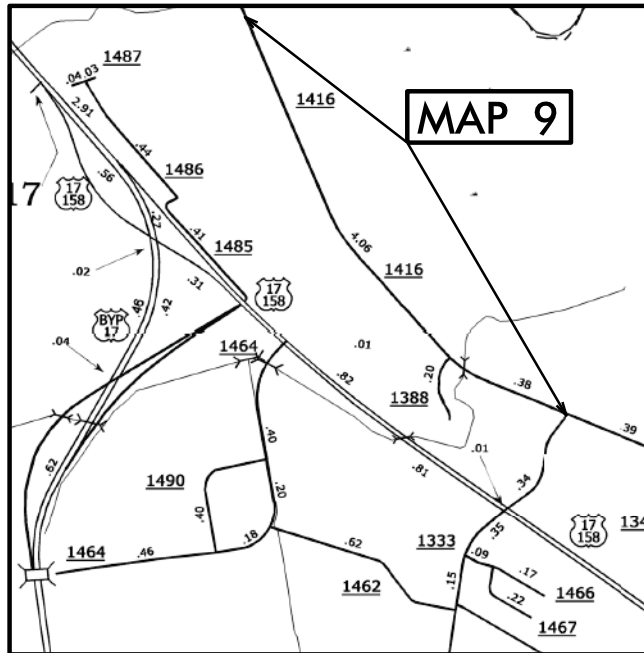
PASQUOTANK COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.070037,ETC.	1	13
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1C.070037		MAP 1	
1CR.20701.85		MAP 9	
1CR.20701.86		MAP 10	
1CR.20701.87		MAP 11	
1CR.20701.88		MAP 12	
1CR.20701.89		MAP 13	
1CR.20701.90		MAP 14	
1CR.20701.91		MAP 15	
1CR.20701.92		MAP 16	

LOCATION:

- MAP 1 SR 1101 (PEARTREE RD.) FROM SR 1100 TO SR 1169
- MAP 9 SR 1416 (NORTHSIDE RD.) FROM SR 1333 NORTH TOWARD US HWY 17
- MAP 10 SR 1145 (OAK STUMP RD.) FROM SR 1190 TO SR 1191
- MAP 11 SR 1101 (PEARTREE RD.) FROM SR 1100 TO SR 1169
- MAP 12 SR 1448 (REDDY CREEK RD.) FROM SR 1333 TO SR 1422
- MAP 13 SR 1334 (CARTWRIGHT RD.) FROM SR 1333 TO SR 1430
- MAP 14 SR 1430 (TIMOTHY RD.) FROM SR 1334 TO CUL-DE-SAC
- MAP 15 SR 1431 (FLETCHER DR.) FROM SR 1430 TO CUL-DE-SAC
- MAP 16 SR 1422 (BRANTWOOD DR.) FROM SR 1333 TO CUL-DE-SAC

TYPE OF WORK: WIDENING, RESURFACING & PAVEMENT MARKINGS



NTS

PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 1	= 3.40 MI.
LENGTH OF ROADWAY PROJECT MAP 9	= 1.61 MI.
LENGTH OF ROADWAY PROJECT MAP 10	= 0.40 MI.
LENGTH OF ROADWAY PROJECT MAP 11	= 3.40 MI.
LENGTH OF ROADWAY PROJECT MAP 12	= 0.32 MI.
LENGTH OF ROADWAY PROJECT MAP 13	= 0.35 MI.
LENGTH OF ROADWAY PROJECT MAP 14	= 0.27 MI.
LENGTH OF ROADWAY PROJECT MAP 15	= 0.09 MI.
LENGTH OF ROADWAY PROJECT MAP 16	= 0.33 MI.

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

2012 STANDARD SPECIFICATIONS

LETTING DATE:
October 30, 2013

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

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

09/08/13

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DIVISION OF HIGHWAYS

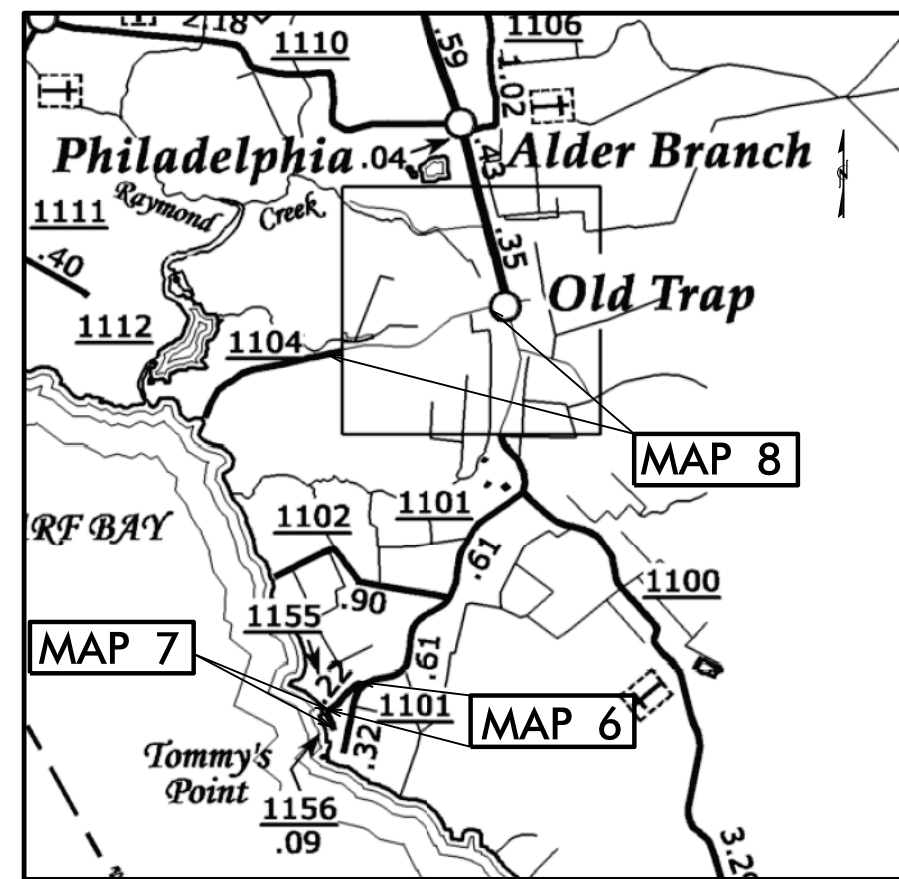
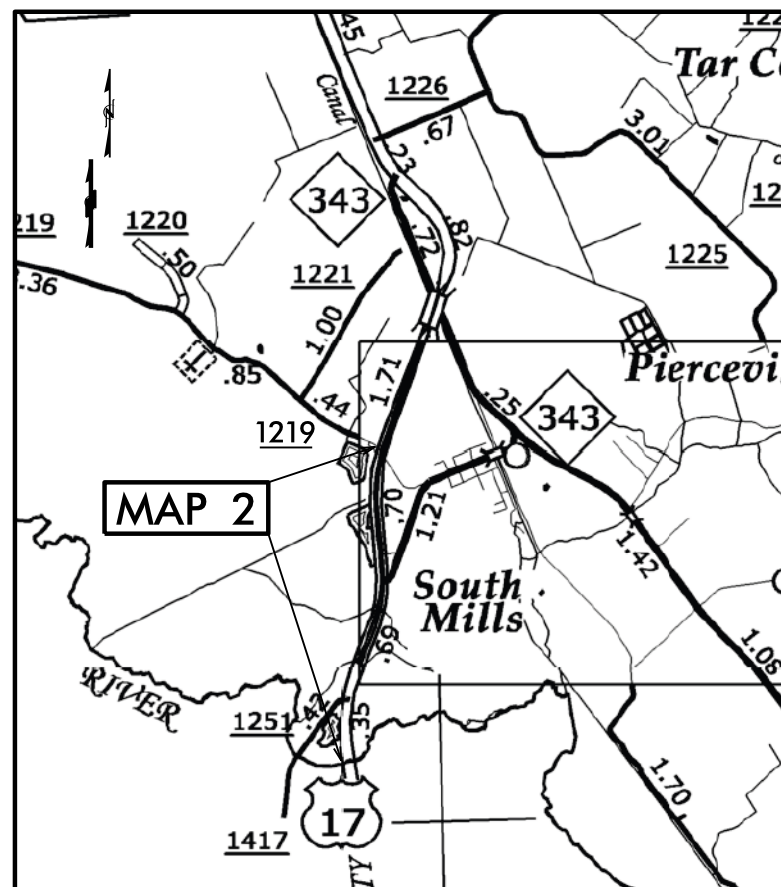
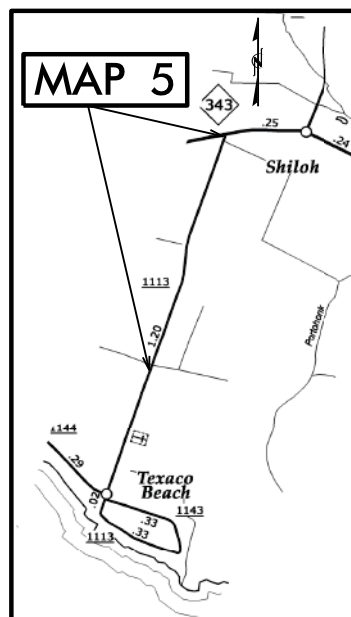
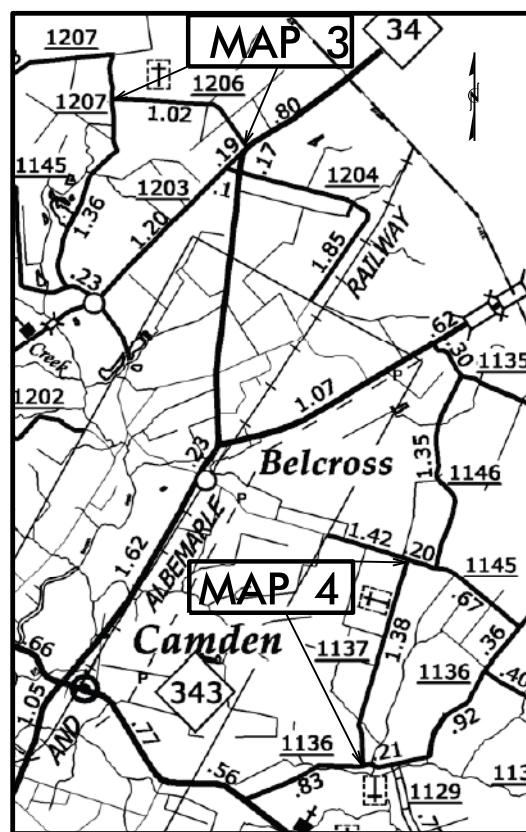
CAMDEN COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.070037,ETC.	2	13
STATE PROJ.NO.	F.A.PROJ.NO.	DESCRIPTION	
1CR.10151.18		MAP 2	
1CR.20151.41		MAP 3	
1CR.20151.42		MAP 4	
1CR.20151.43		MAP 5	
1CR.20151.44		MAP 6	
1CR.20151.45		MAP 7	
1CR.20151.46		MAP 8	

LOCATION:

- MAP 2 US HWY 17 NORTH FROM PASQUOTANK COUNTY LINE TO SR 1219
- MAP 3 SR 1206 (HERMAN ARNOLD RD.) FROM NC 34 TO SR 1207
- MAP 4 SR 1137 (BUSHELL RD.) FROM SR 1145 TO SR 1136
- MAP 5 SR 1113 (MILLTOWN RD.) FROM NC 343 TO PAVEMENT CHANGE
- MAP 6 SR 1155 (GRIGGS DR.) FROM SR 1101 TO SR 1156
- MAP 7 SR 1156 (AVERY DR.) FROM SR 1155 TO DEAD END
- MAP 8 SR 1104 (WHARF RD.) FROM NC 343 TO PAVEMENT CHANGE

TYPE OF WORK: WIDENING, RESURFACING & PAVEMENT MARKINGS



NTS

PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 2	= 1.70 MI.
LENGTH OF ROADWAY PROJECT MAP 3	= 1.02 MI.
LENGTH OF ROADWAY PROJECT MAP 4	= 1.40 MI.
LENGTH OF ROADWAY PROJECT MAP 5	= 0.74 MI.
LENGTH OF ROADWAY PROJECT MAP 6	= 0.22 MI.
LENGTH OF ROADWAY PROJECT MAP 7	= 0.11 MI.
LENGTH OF ROADWAY PROJECT MAP 8	= 0.95 MI.

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113 Airport Dr., Edenton NC, 27932

2012 STANDARD SPECIFICATIONS

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DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

C O N T R A C T P A V E M E N T S C H E D U L E

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. ¾" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 75 LBS. PER SQ. YD.
E1	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

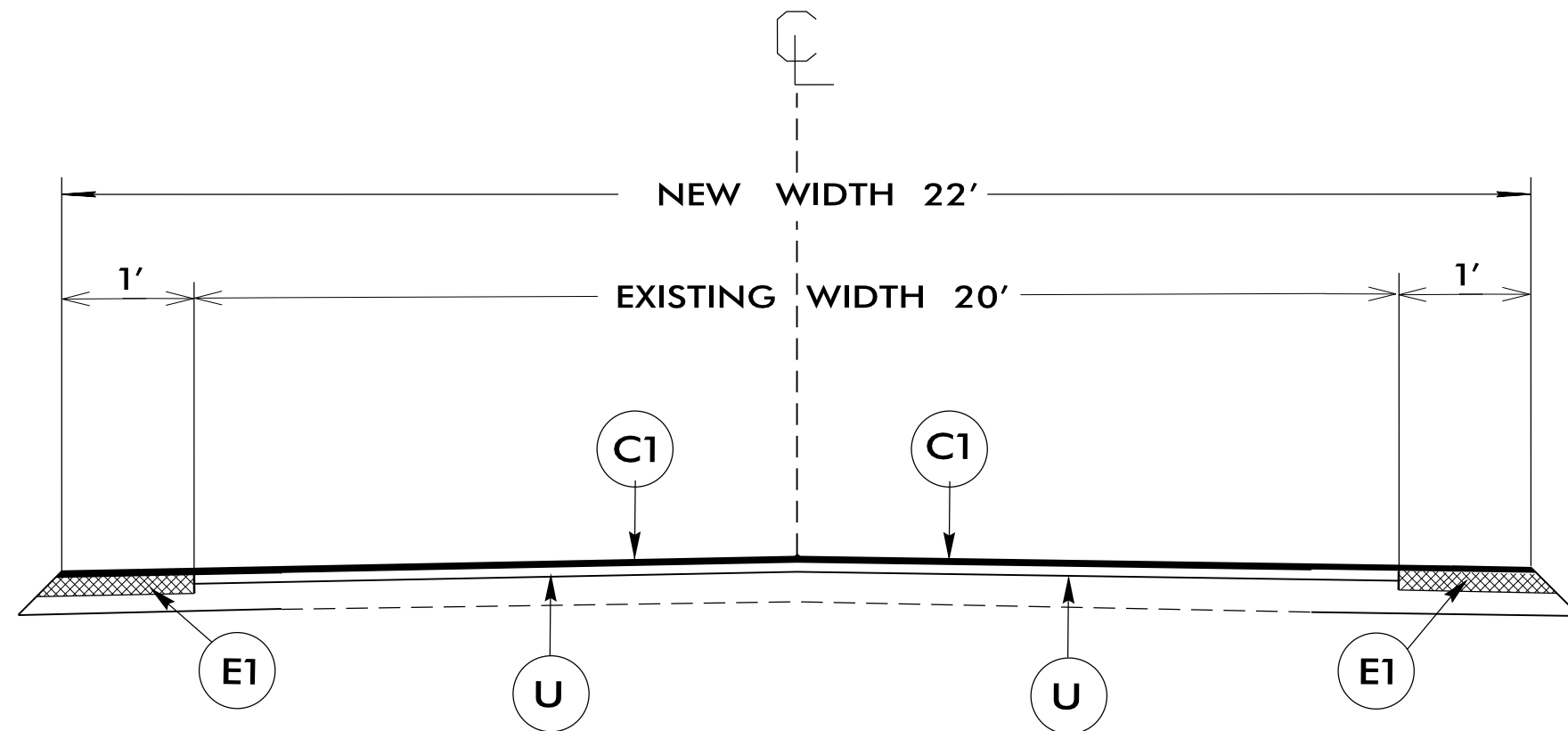
PAVEMENT SCHEDULE

PROJECT REFERENCE NO.	SHEET NO.
1C.070037, ETC	4

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.
E1	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.

NOTES:

- *ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADI., OR AS DIRECTED BY THE ENGINEER
- *EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
- *PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
- *SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 1

USE WITH MAP 1,11

NTS

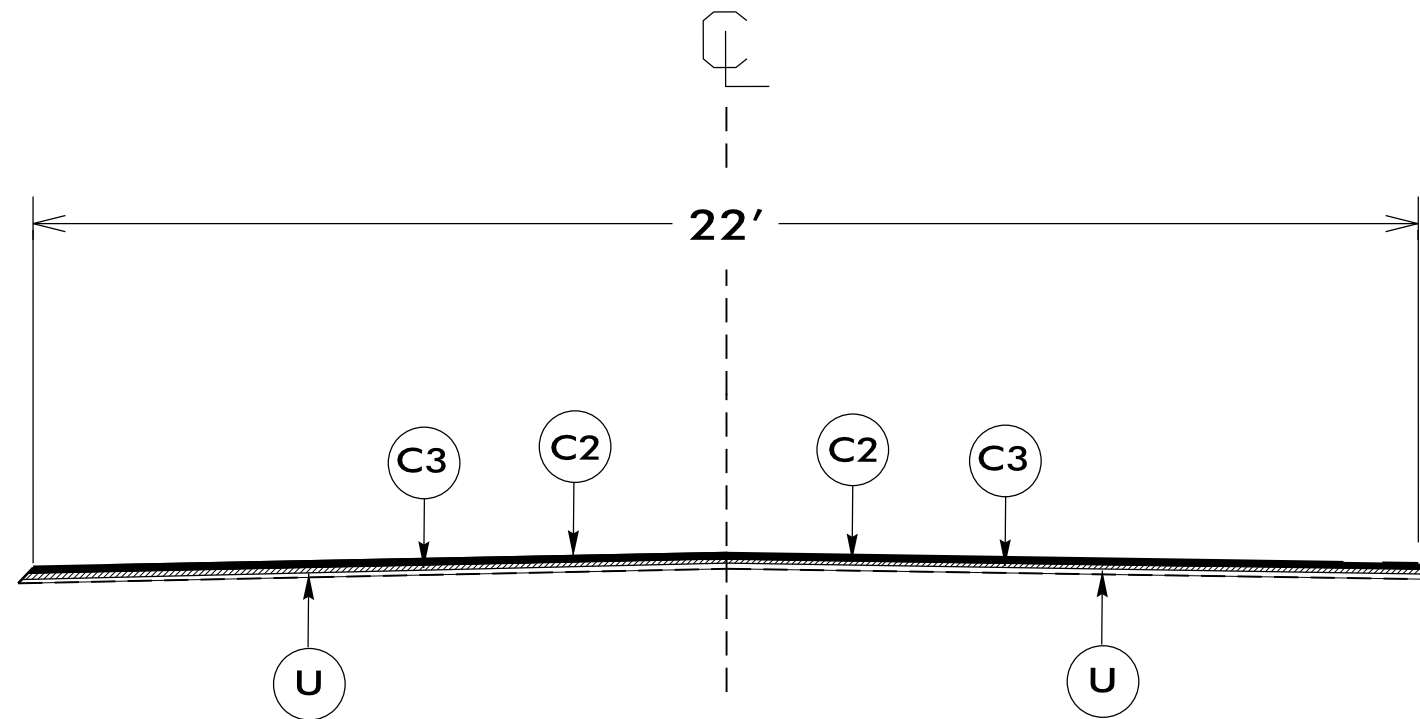
P A V E M E N T S C H E D U L E

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. ¾" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 75 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1C.070037, ETC	5

NOTES:

- *ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADI., OR AS DIRECTED BY THE ENGINEER
- *EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
- *PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
- *SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 2

USE WITH MAP 9,10

NTS

08-OCT-2013 09:22
 E:\District1\ paving_Maps\2013\Comden.Pasq\composqpave005\005_LS_LS_a1n_pavemaps.dgn
 11/11/2013

PAVEMENT SCHEDULE

C3	PROP. APPROX. 3/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 75 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1C.070037, ETC	6

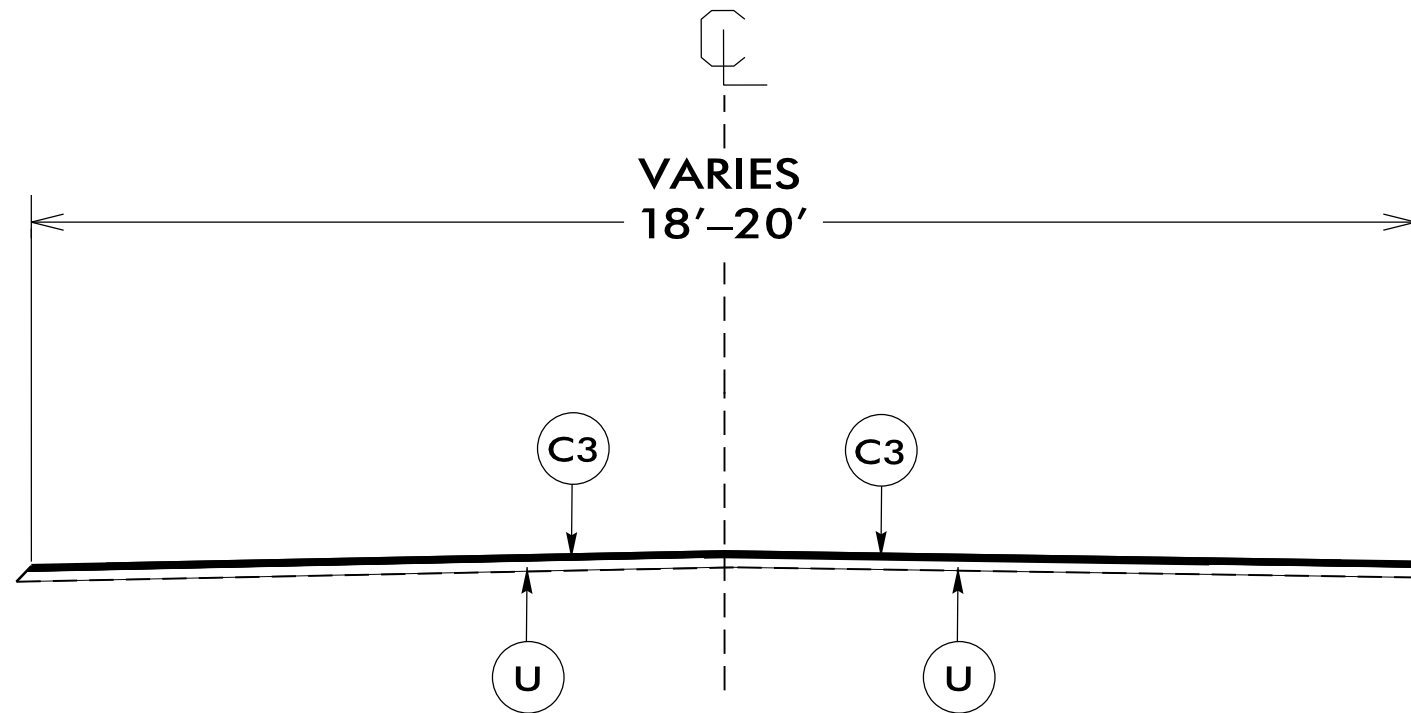
NOTES:

*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 TABLE OF QUANTITIES

*PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

*SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 3

USE WITH MAP 12,13,14,15,16

NTS

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1C.070037, ETC	7

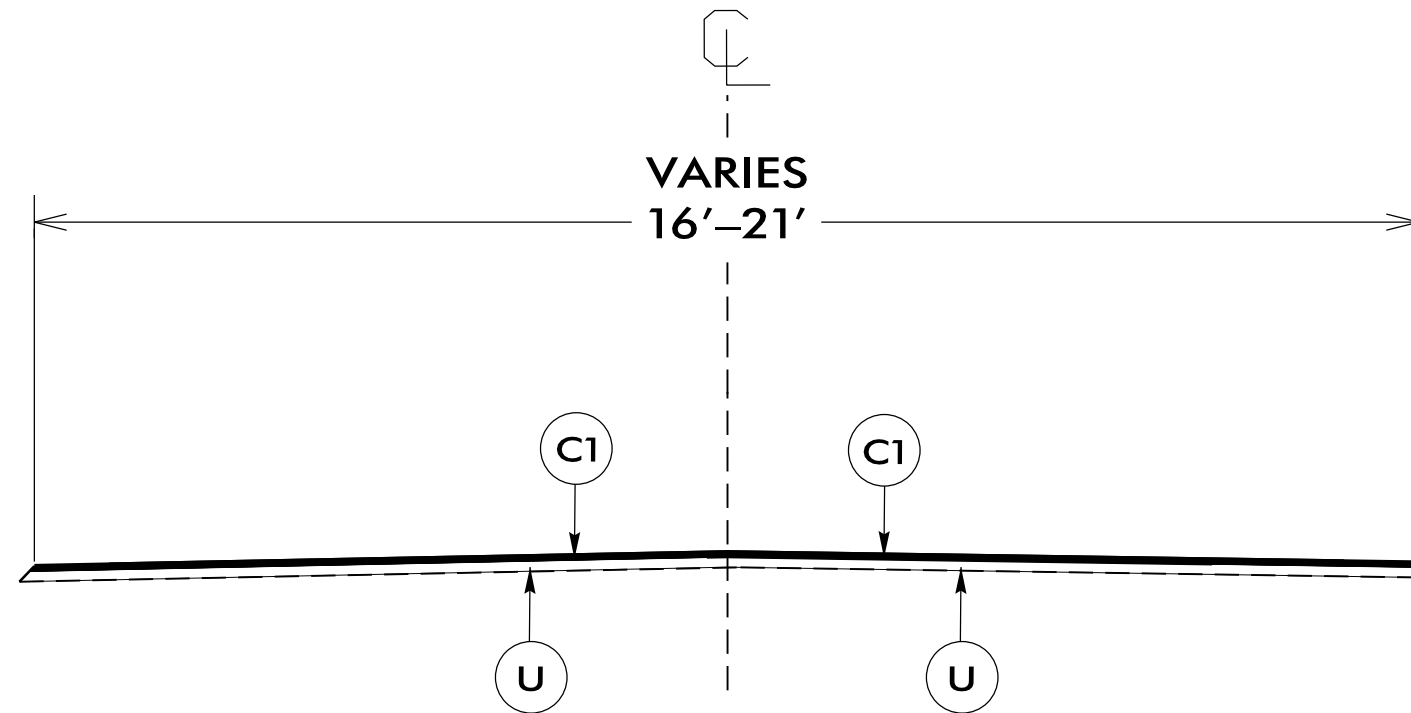
NOTES:

*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 TABLE OF QUANTITIES

*PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

*SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 4

USE WITH MAP 4,5,6,7,8

NTS

PAVEMENT SCHEDULE

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1C.070037, ETC	8

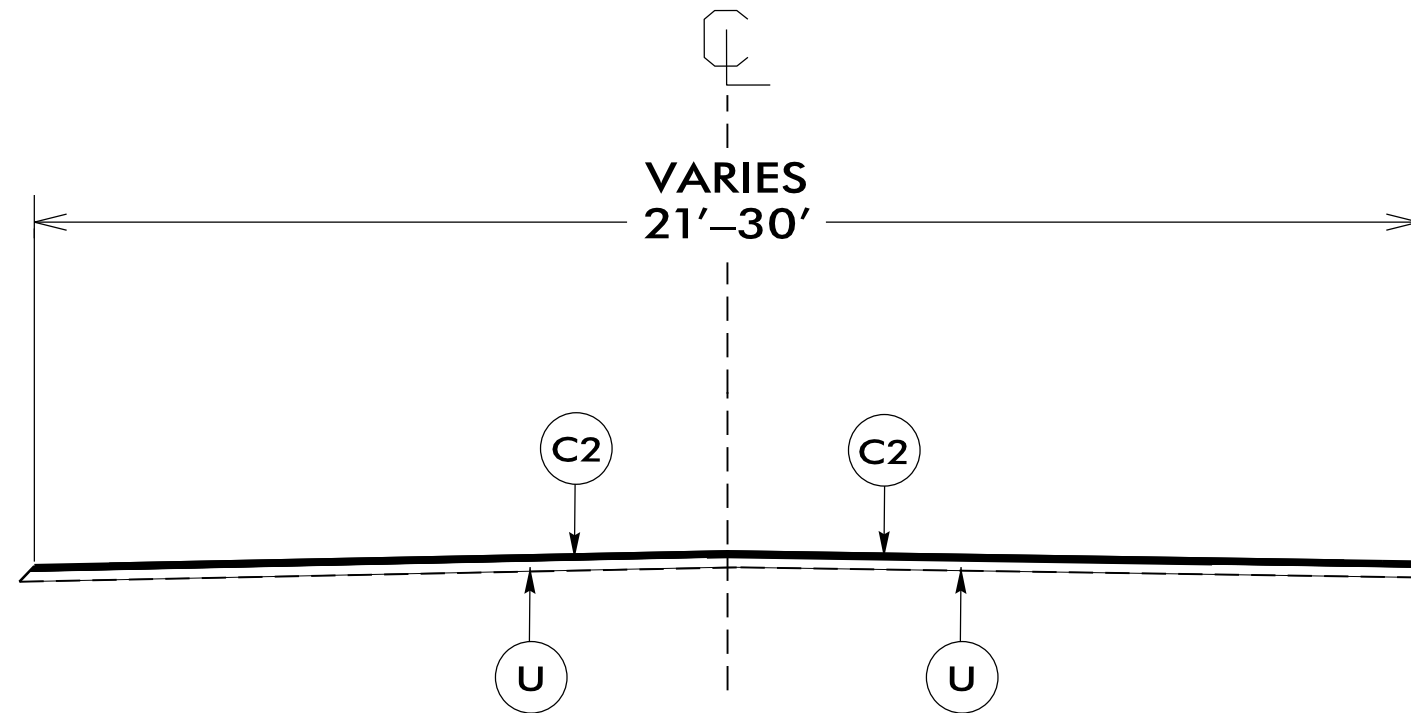
NOTES:

*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 TABLE OF QUANTITIES

*PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

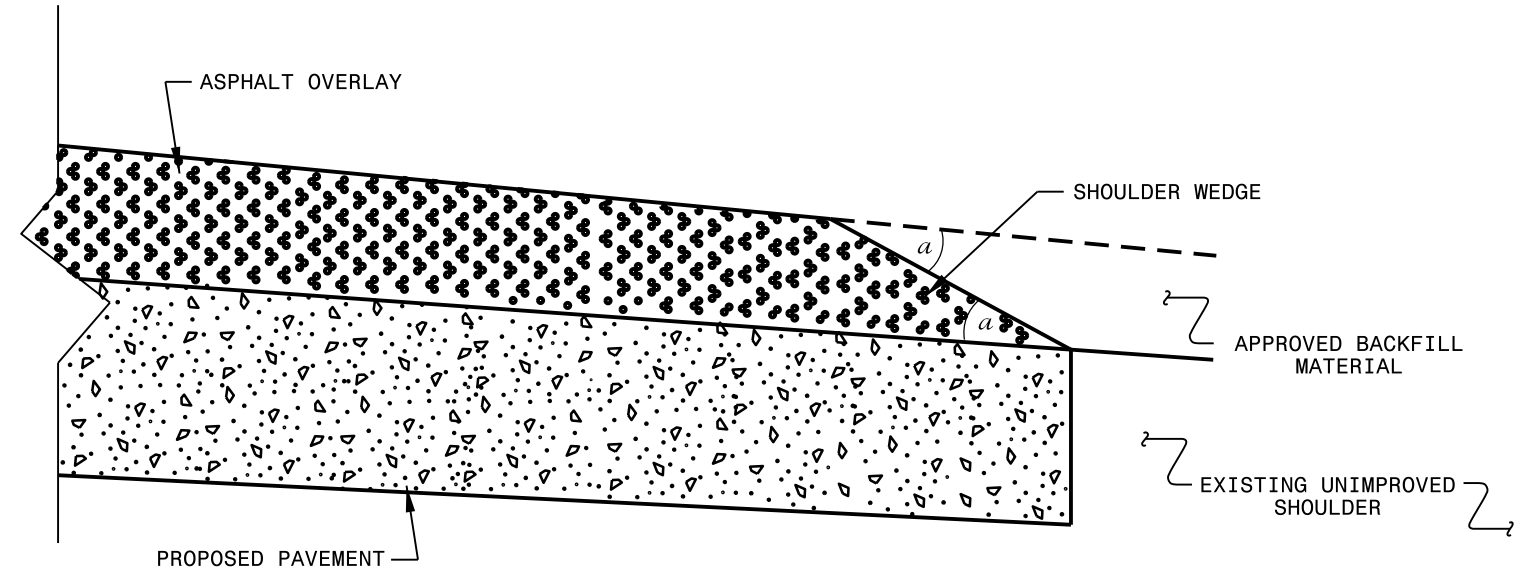
*SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 5

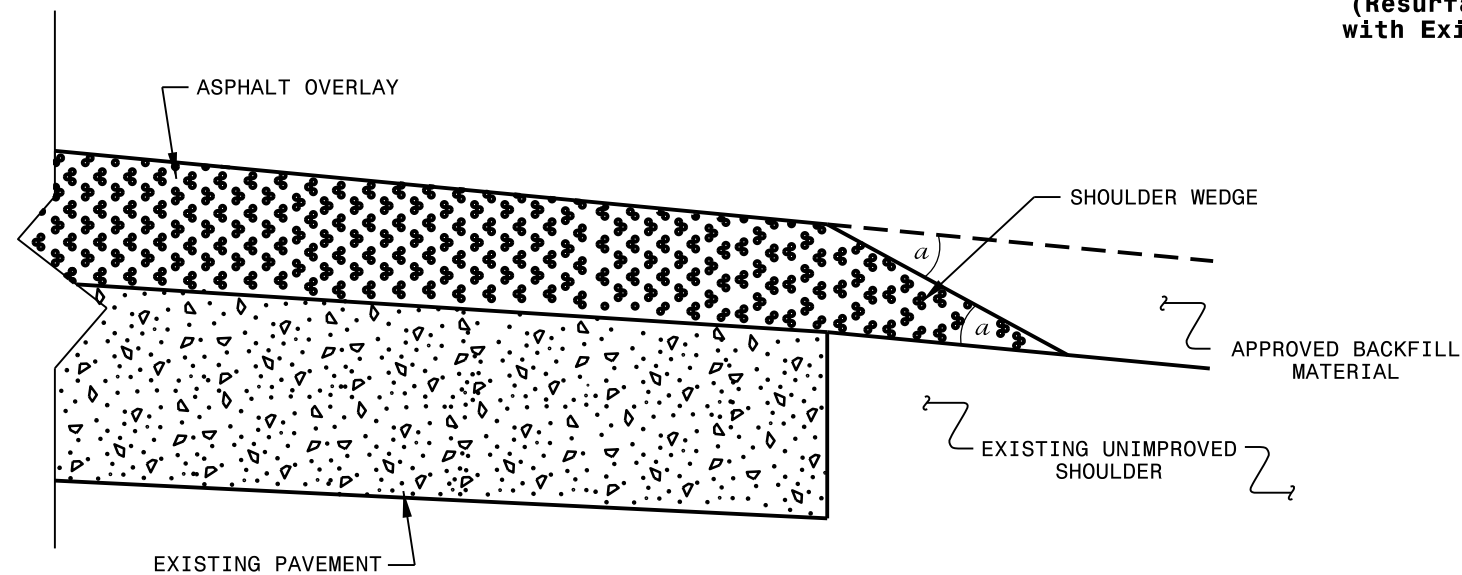
USE WITH MAP 2,3

NTS



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder > 2 ft.)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)

NOTES:

- 1) DETAIL DOES NOT APPLY TO OGAFB 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.

a - 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	

PROJECT NO.	SHEET NO.	TOTAL NO.
1C.070037, ETC	10	10

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MOBILIZATION LS	INCIDENTAL STONE BASE TONS	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA
1C.070037	Pasquotank	1	SR 1101 PEARTREE ROAD	FROM 1100 NIXONTONRD TO SR 1169 FOUR FORKS RD	1	2	2WU	NO	NO	3.40	20	1	40	1,374				60		
1CR.10151.18	Camden	2	US 17 NORTH BOUND LANES	FROM PASQUOTANK CO. LINE TO SR 1219	5	2	MD	NO	NO	1.70	30	*			3,000			180		
1CR.20151.41	Camden	3	SR 1206 HERMAN ARNOLD RD	FROM NC 34 TO SR 1207 HALES LAKE RD	5	2	2WU	NO	NO	1.02	21.5	*	40		1,150			69		
1CR.20151.42	Camden	4	SR 1137 BUSHHELL RD	FROM SR 1145 BELCROSS RD TO SR 1136 IVY NECK RD	4	2	2WU	NO	NO	1.40	21	*	15			1,550		104		
1CR.20151.43	Camden	5	SR 1113 MILLTOWN ROAD	FROM NC 343 TO PAVEMENT CHANGE	4	2	2WU	NO	NO	0.74	18	*	60			799		54		
1CR.20151.44	Camden	6	SR1155 GRIGGS DR	FROM SR 1101 ONE MILL RD TO SR 1156 AVERY DRIVE	4	2	2WU	NO	NO	0.22	18	*	5			193		13		
1CR.20151.45	Camden	7	SR 1156 AVERY DR	FROM SR 1155 TO DEAD END	4	2	2WU	NO	NO	0.11	16	*	5			90		6		
1CR.20151.46	Camden	8	SR 1104 WHARF RD	NC 343 TO PAVEMENT CHANGE	4	2	2WU	NO	NO	0.95	19.5	*	50			993		67		
1CR.20701.85	Pasquotank	9	SR 1416 NORTHSIDE ROAD	FROM SR 1333 NORTH TOWARD US 17	2	2	2WU	NO	NO	1.61	22	*	40		1,815		821	165		1
1CR.20701.86	Pasquotank	10	SR 1145 OAK STUMP ROAD	FROM SR 1190 TO SR 1191	2	2	2WU	NO	NO	0.40	36	*	5		712		333	65	5	4
1CR.20701.87	Pasquotank	11	SR1101 PEAR TREE RD	FROM SR 1100 NIXONTON RD TO SR 1169 FOUR FORKS RD	1	2	2WU	NO	NO	3.40	22	*				4,041		271		
1CR.20701.88	Pasquotank	12	SR 1448 REDDY CREEK	FROM SR 1333 TO SR 1422	3	2	2WU	NO	NO	0.32	20	*	2				148	10		
1CR.20701.89	Pasquotank	13	SR 1334 CARTWRIGHT	SR 1333 TO SR 1430	3	2	2WU	NO	NO	0.35	20	*	10				162	11		
1CR.20701.90	Pasquotank	14	SR 1430 TIMOTHY ROAD	FROM SR 1334 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.27	18	*	5				113	8		
1CR.20701.91	Pasquotank	15	SR 1431 FLETCHER DR	SR 1430 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.09	18	*	1				38	3		
1CR.20701.92	Pasquotank	16	SR 1422 BRANTWOOD DR	FROM SR 1333 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.33	19	*	5				145	10		
GRAND TOTAL										16.31		1	283	1,374	6,677	7,666	1,760	1,096	5	5

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL LS	4" WHITE PAINT LF	4" YELLOW PAINT LF	24" WHITE PAINT LF	PAINT LT ARROW 90 M EA	PAINT ST ARROW 90 M EA	PAINT RT ARROW 90 M EA		
																	NO	NO
1C.070037	Pasquotank	1	SR 1101 PEARTREE ROAD	FROM 1100 NIXONTONRD TO SR 1169 FOUR FORKS RD	1	2	2WU	3.40	20	1	35,000	20,000						
1CR.10151.18	Camden	2	US 17 NORTH BOUND LANES	FROM PASQUOTANK CO. LINE TO SR 1219	5	2	MD	1.70	30	*	18,000	3,600	36	7	14	3		
1CR.20151.41	Camden	3	SR 1206 HERMAN ARNOLD RD	FROM NC 34 TO SR 1207 HALES LAKE RD	5	2	2WU	1.02	21.5	*	10,500	6,500						
1CR.20151.42	Camden	4	SR 1137 BUSHHELL RD	FROM SR 1145 BELCROSS RD TO SR 1136 IVY NECK RD	4	2	2WU	1.40	21	*	14,900	5,200						
1CR.20151.43	Camden	5	SR 1113 MILLTOWN ROAD	FROM NC 343 TO PAVEMENT CHANGE	4	2	2WU	0.74	18	*	7,500	3,400						
1CR.20151.44	Camden	6	SR1155 GRIGGS DR	FROM SR 1101 ONE MILL RD TO SR 1156 AVERY DRIVE	4	2	2WU	0.22	18	*								
1CR.20151.45	Camden	7	SR 1156 AVERY DR	FROM SR 1155 TO DEAD END	4	2	2WU	0.11	16	*								
1CR.20151.46	Camden	8	SR 1104 WHARF RD	NC 343 TO PAVEMENT CHANGE	4	2	2WU	0.95	19.5	*	10,000	6,000						
1CR.20701.85	Pasquotank	9	SR 1416 NORTHSIDE ROAD	FROM SR 1333 NORTH TOWARD US 17	2	2	2WU	1.61	22	*	17,000	10,000						
1CR.20701.86	Pasquotank	10	SR 1145 OAK STUMP ROAD	FROM SR 1190 TO SR 1191	2	2	2WU	0.40	36	*	4,000	5,000	24	9				
1CR.20701.87	Pasquotank	11	SR1101 PEAR TREE RD	FROM SR 1100 NIXONTON RD TO SR 1169 FOUR FORKS RD	1	2	2WU	3.40	22	*								
1CR.20701.88	Pasquotank	12	SR 1448 REDDY CREEK	FROM SR 1333 TO SR 1422	3	2	2WU	0.32	20	*								
1CR.20701.89	Pasquotank	13	SR 1334 CARTWRIGHT	SR 1333 TO SR 1430	3	2	2WU	0.35	20	*								
1CR.20701.90	Pasquotank	14	SR 1430 TIMOTHY ROAD	FROM SR 1334 TO CUL-DE-SAC	3	2	2WU	0.27	18	*								
1CR.20701.91	Pasquotank	15	SR 1431 FLETCHER DR	SR 1430 TO CUL-DE-SAC	3	2	2WU	0.09	18	*								
1CR.20701.92	Pasquotank	16	SR 1422 BRANTWOOD DR	FROM SR 1333 TO CUL-DE-SAC	3	2	2WU	0.33	19	*								
GRAND TOTAL										16.31		1	116,900	59,700	60	16	14	3