

10/03/13

CONTRACT NO.: DA00240 WBS ELEMENT: ICR.20701.108, ETC.

NTS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

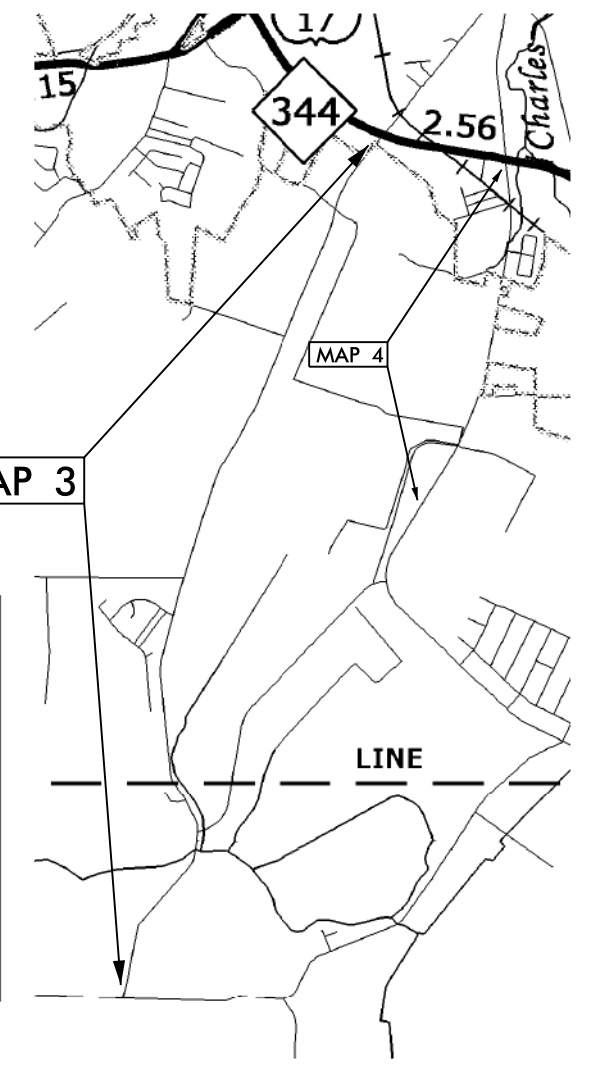
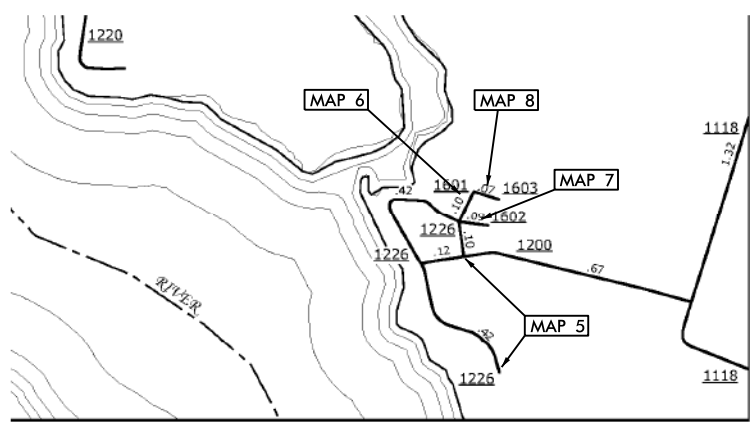
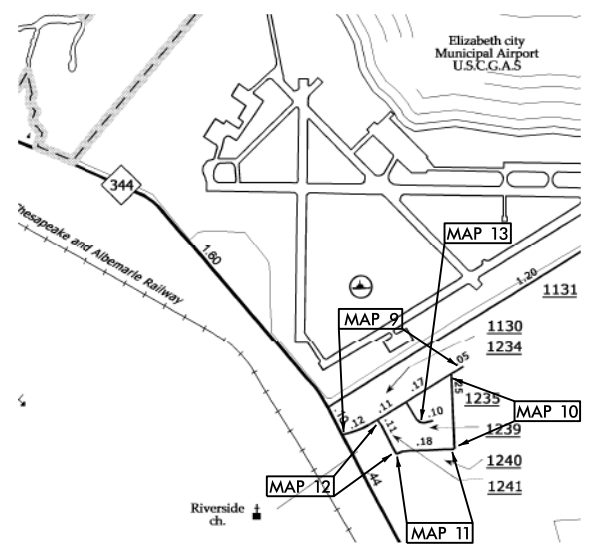
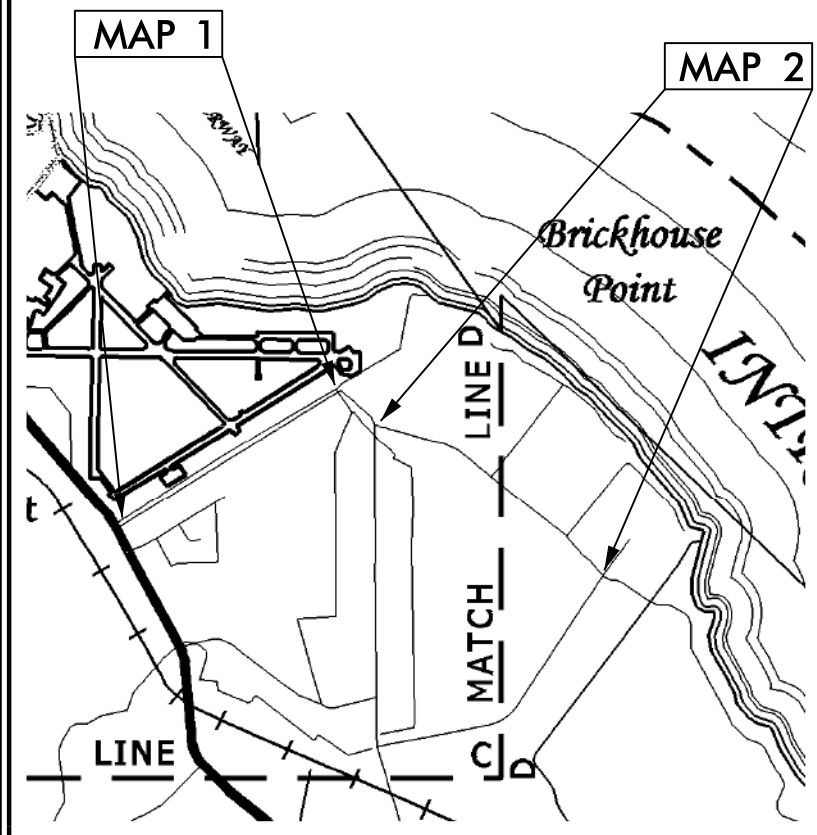
PASQUOTANK COUNTY

LOCATION:

- MAP 1 SR 1131 CONSOLIDATED RD FROM NC 344 TO END OF MAINTENANCE
- MAP 2 SR 1131 DAVIS BAY FROM SR 1128 TO SR 1129
- MAP 3 SR 1139 BODY RD FROM NC 344 TO SR 1136
- MAP 4 SR 1101 PEARTREE RD FROM NC 344 TO .55 MILES SOUTH OF SR 1183
- MAP 5 SR 1226 LITTLE RIVER DR AND QUAKER DR FROM SR 1200 TO CUL-DE-SAC
- MAP 6 SR 1601 DURANT DR FROM SR 1226 TO SR 1603
- MAP 7 SR 1602 SHARD TRAIL FROM SR 1226 TO CUL-DE-SAC
- MAP 8 SR 1603 FLINT TRAIL FROM SR 1601 TO CUL-DE-SAC
- MAP 9 SR 1234 CROSSWINDS DR FROM SR NC 344 TO DEAD END
- MAP 10 SR 1235 OWENS DR FROM SR 1234 TO SR CUL-DE-SAC
- MAP 11 SR 1240 HOCKMEYER DR FROM NC344 TO SR 1235
- MAP 12 SR 1241 JONES DR FROM SR 1240 TO SR 1234
- MAP 13 SR 1239 BRUMSEY DR FROM SR 1234 TO CUL-DE-SAC

TYPE OF WORK: RESURFACING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	ICR.20701.108, ETC.	1	9
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1CR.20701.108		MAP 1	
1CR.20701.109		MAP 2	
1CR.20701.110		MAP 3	
1CR.20701.111		MAP 4	
1SP.20705.1		MAP 5	
1SP.20705.2		MAP 6	
1SP.20705.3		MAP 7	
1SP.20705.4		MAP 8	
1SP.20705.18		MAP 9	
1SP.20705.19		MAP 10	
1SP.20705.20		MAP 11	
1SP.20705.21		MAP 12	
1SP.20705.22		MAP 13	



PROJECT LENGTH

- LENGTH OF ROADWAY PROJECT MAP 1 = 1.05 MI.
- LENGTH OF ROADWAY PROJECT MAP 2 = 1.1 MI.
- LENGTH OF ROADWAY PROJECT MAP 3 = 4.6 MI.
- LENGTH OF ROADWAY PROJECT MAP 4 = 1.94 MI.
- LENGTH OF ROADWAY PROJECT MAP 5 = 1.2 MI.
- LENGTH OF ROADWAY PROJECT MAP 6 = 0.1 MI.

- LENGTH OF ROADWAY PROJECT MAP 7 = 0.08 MI.
- LENGTH OF ROADWAY PROJECT MAP 8 = 0.07 MI.
- LENGTH OF ROADWAY PROJECT MAP 9 = 0.45 MI.
- LENGTH OF ROADWAY PROJECT MAP 10 = 0.29 MI.
- LENGTH OF ROADWAY PROJECT MAP 11 = 0.3 MI.
- LENGTH OF ROADWAY PROJECT MAP 12 = 0.12 MI.
- LENGTH OF ROADWAY PROJECT MAP 13 = 0.11 MI.

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

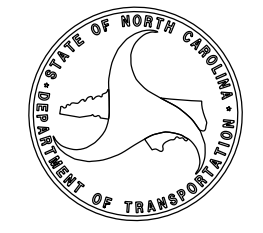
2012 STANDARD SPECIFICATIONS

LETTING DATE:

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

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



DRAWN BY: EWB

10/03/13

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DIVISION OF HIGHWAYS

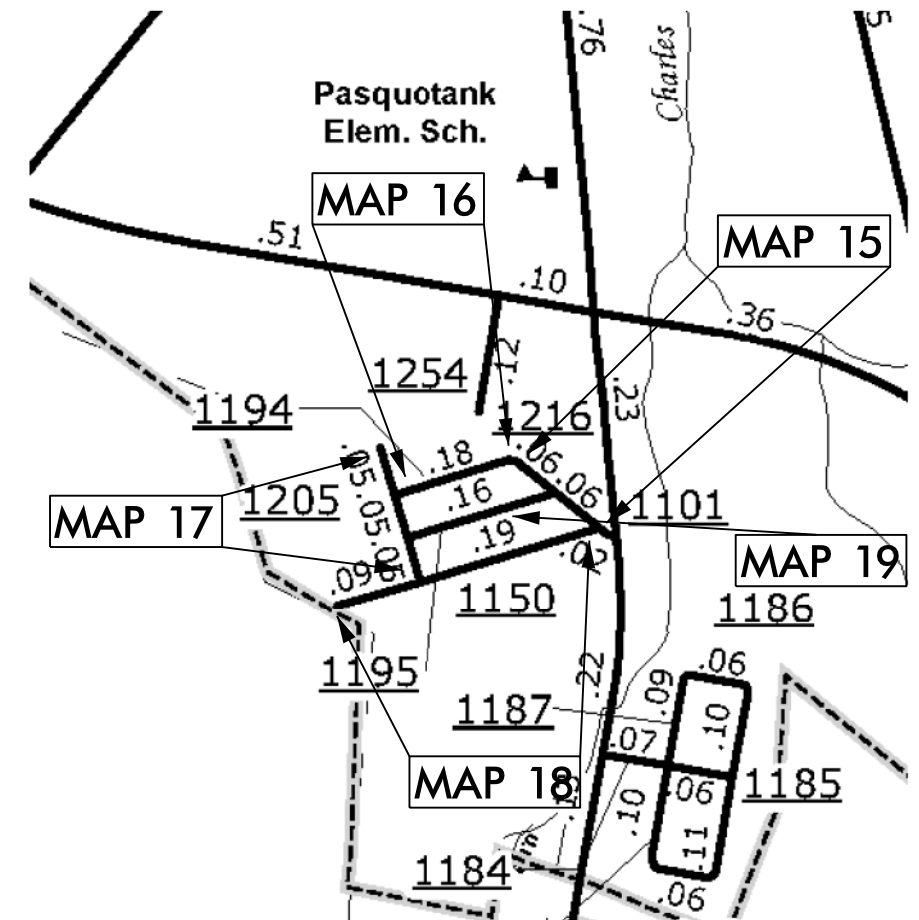
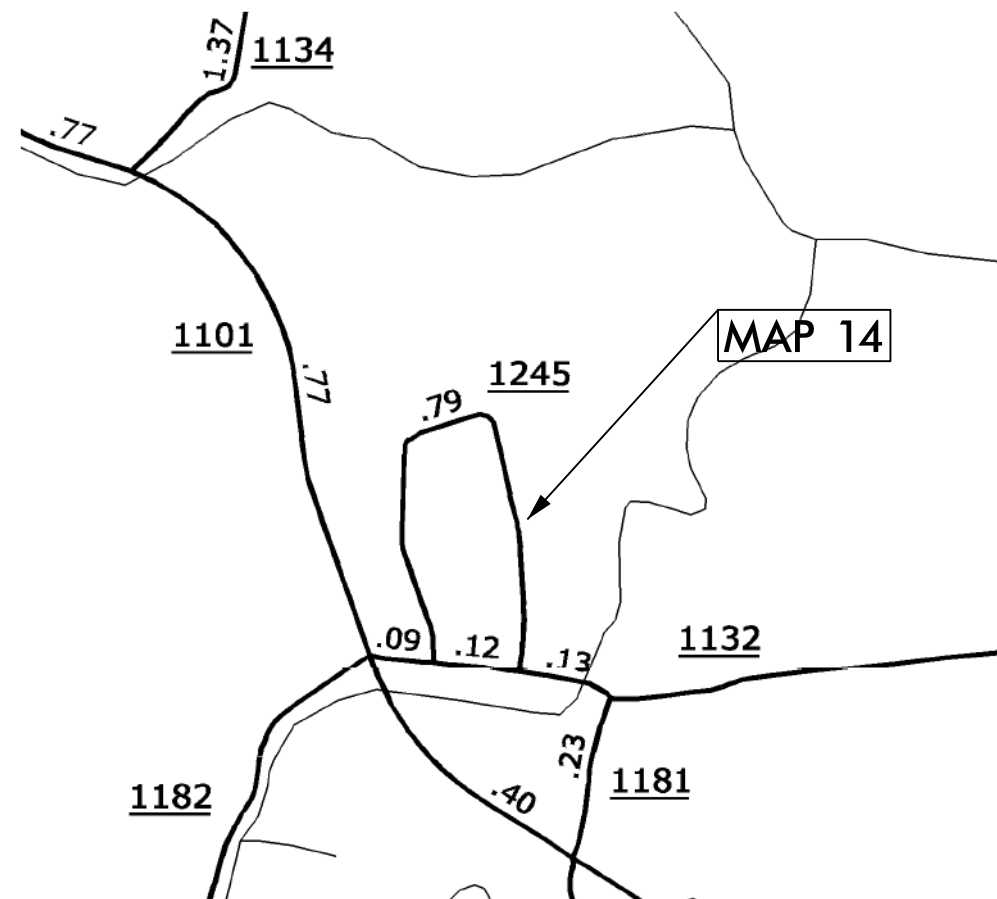
PASQUOTANK COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	ICR.20701.108, ETC.	2	9
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
ISP.20705.23		MAP 14	
ISP.20705.27		MAP 15	
ISP.20705.28		MAP 16	
ISP.20705.29		MAP 17	
ISP.20705.30		MAP 18	
ISP.20705.31		MAP 19	

LOCATION:

- MAP 14 SR 1245 OLIVET CIRCLE FROM SR 1132 TO SR 1132
- MAP 15 SR 1216 RAILROAD ST FROM SR 1101 TO SR 1194
- MAP 16 SR 1194 PINWOOD AVE FROM SR 1216 TO SR 1205
- MAP 17 SR 1205 NEWBY ST FROM SR 1150 TO DEAD END
- MAP 18 SR 1150 OAK GROVE RD FROM SR 1216 TO DEAD END
- MAP 19 SR 1195 BEECHWOOD AVE FROM SR 1205 TO SR 1216

TYPE OF WORK: RESURFACING



PROJECT LENGTH

- LENGTH OF ROADWAY PROJECT MAP 14 = 0.78 MI.
- LENGTH OF ROADWAY PROJECT MAP 15 = 0.12 MI.
- LENGTH OF ROADWAY PROJECT MAP 16 = 0.12 MI.
- LENGTH OF ROADWAY PROJECT MAP 17 = 0.14 MI.
- LENGTH OF ROADWAY PROJECT MAP 18 = 0.23 MI.
- LENGTH OF ROADWAY PROJECT MAP 19 = 0.15 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS

113 Airport Dr., Edenton NC, 27932

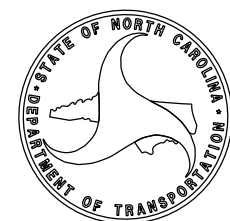
2012 STANDARD SPECIFICATIONS

LETTING DATE:

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

C.E. SLACHTA
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**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**



DRAWN BY: EWB

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 S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1¼" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 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.

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

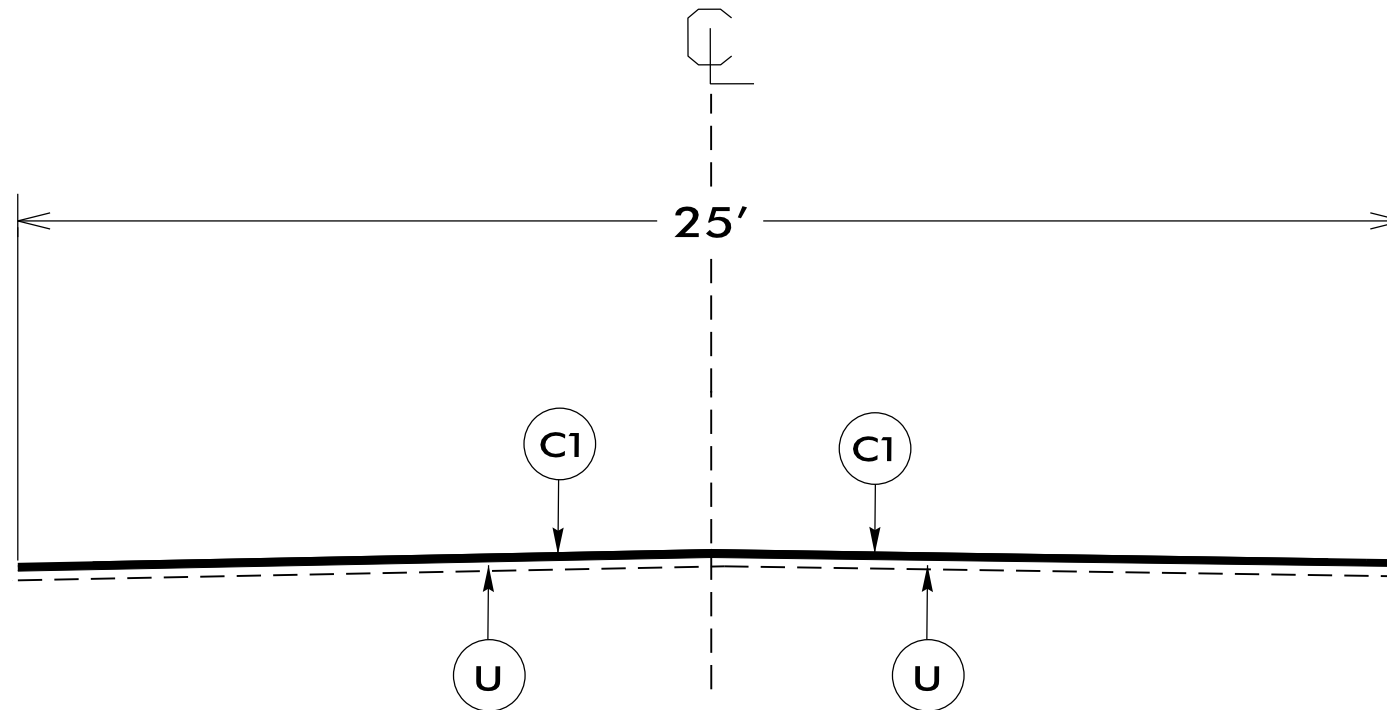
PROJECT REFERENCE NO.	SHEET NO.
1CR.20701.108, ETC.	4

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

*SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 1

USE WITH MAP 1

NTS

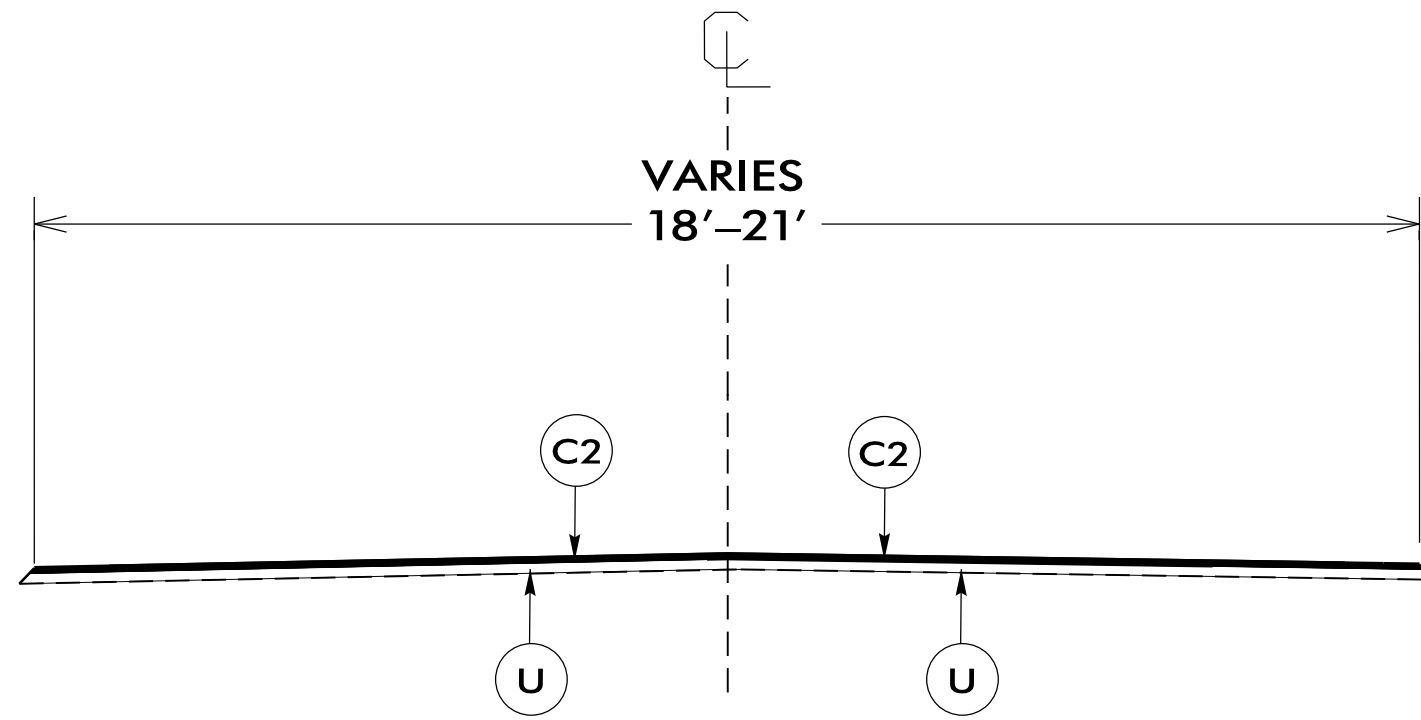
P A V E M E N T S C H E D U L E

C2	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1CR.20701.108, ETC.	5

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
- *SHOULDERS TO BE RECONSTRUCTED BY OTHERS



TYPICAL SECTION NO. 2

USE WITH MAP 2 - 4

NTS

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.

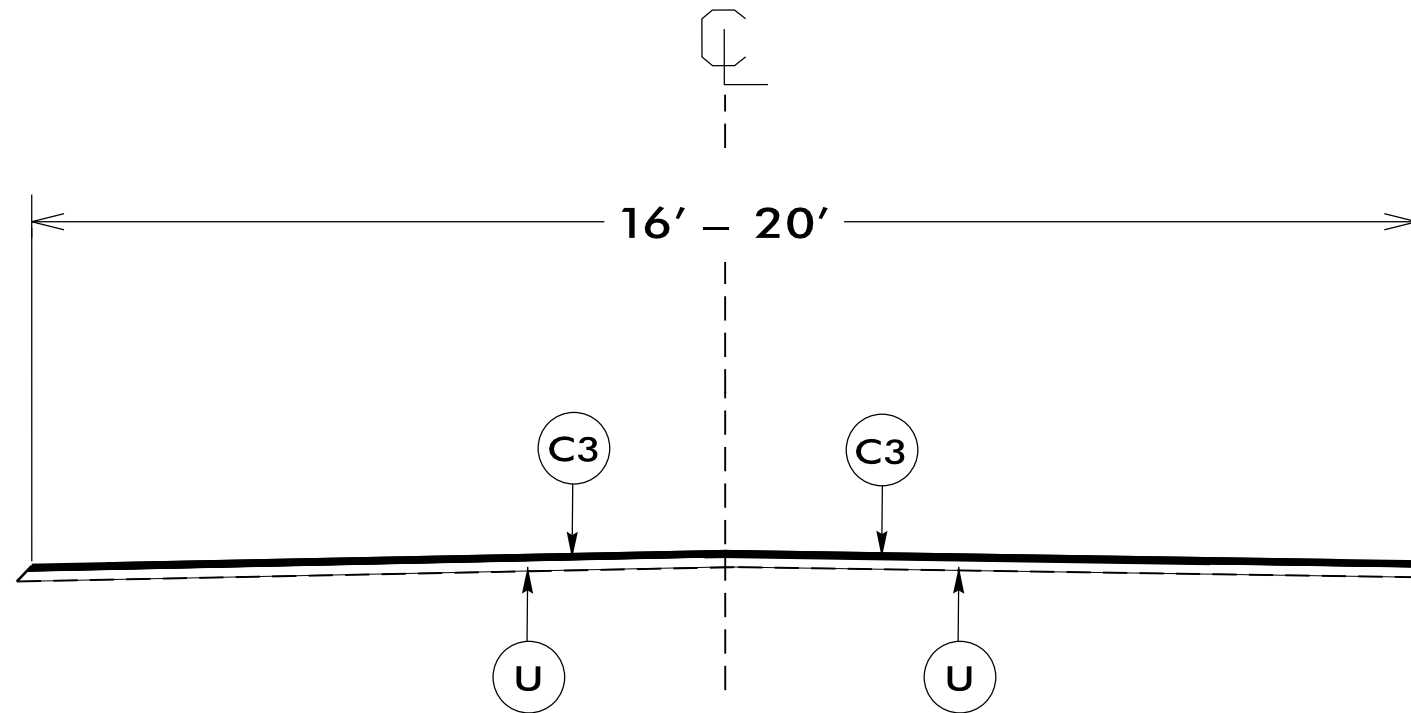
PROJECT REFERENCE NO.	SHEET NO.
1CR.20701.108, ETC.	6

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

*SHOULDERS TO BE RECONSTRUCTED BY OTHERS

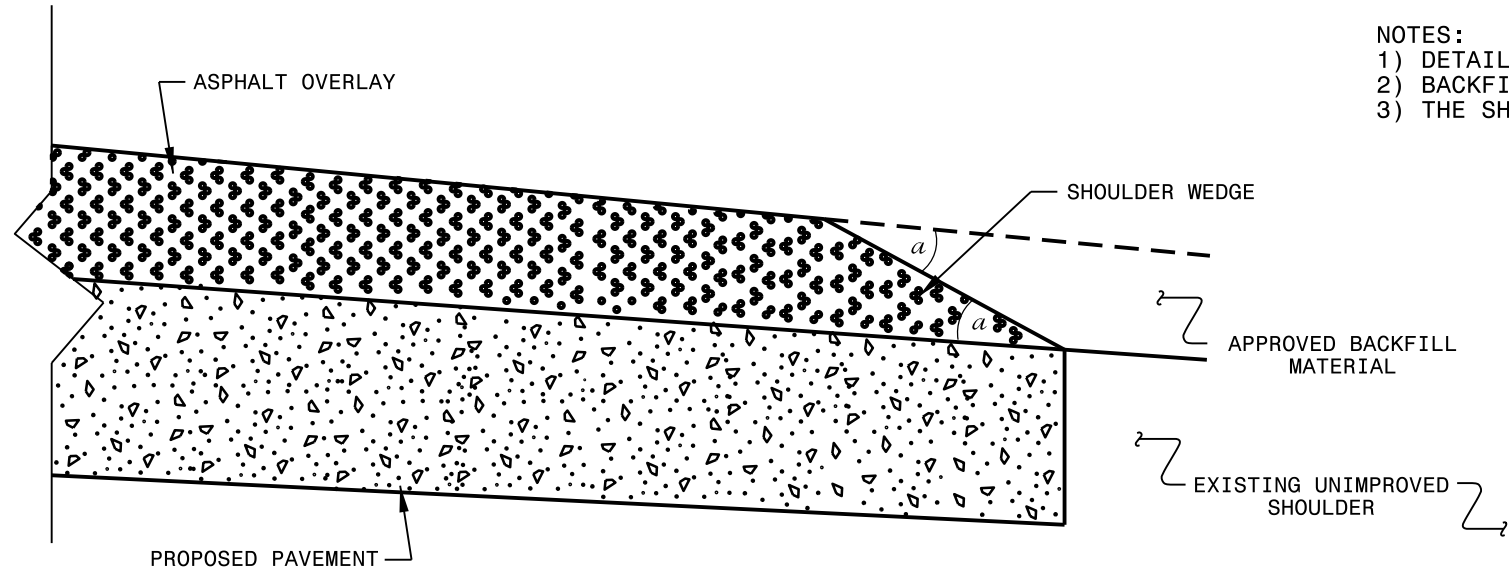


TYPICAL SECTION NO. 3

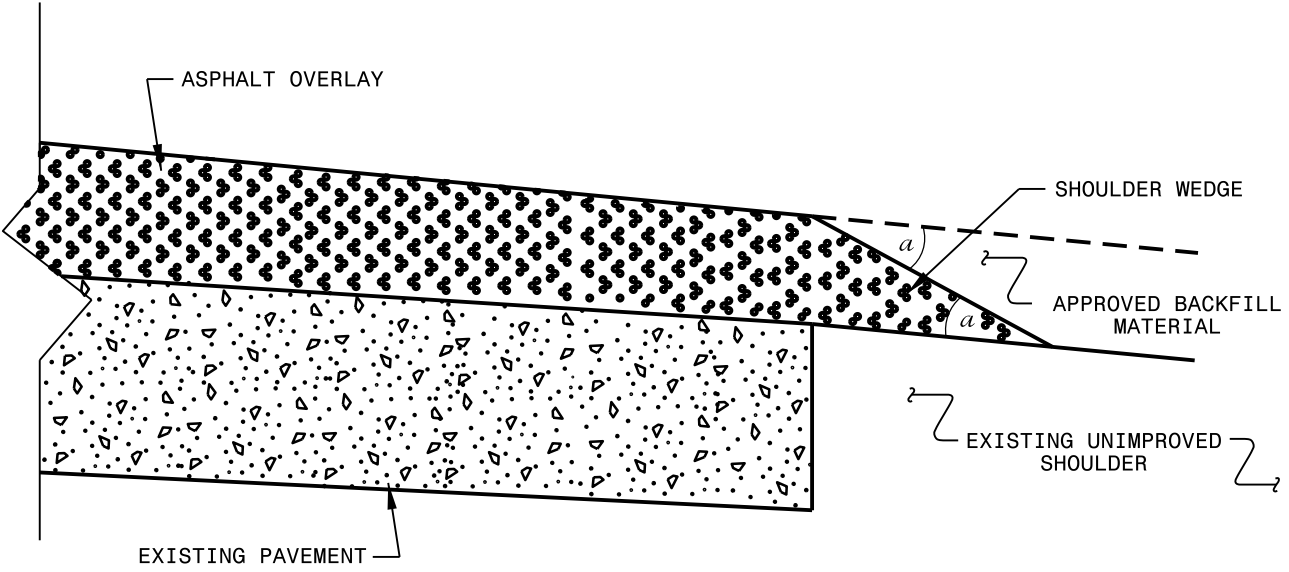
USE WITH MAP 5 - 19

NTS

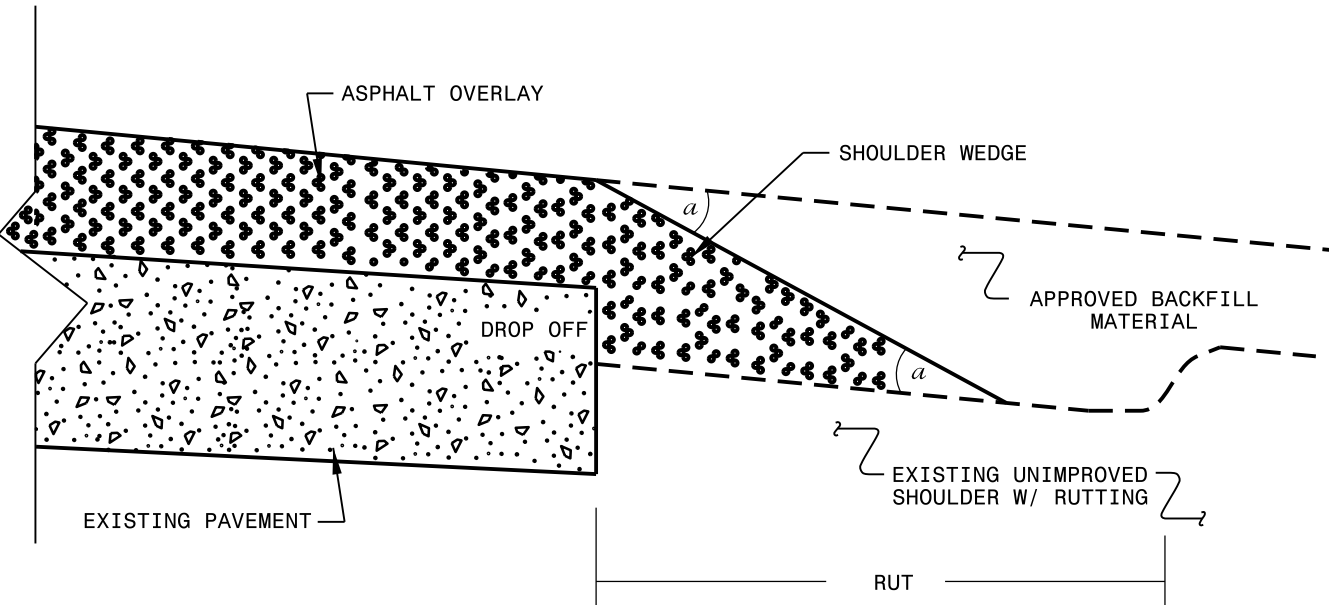
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)

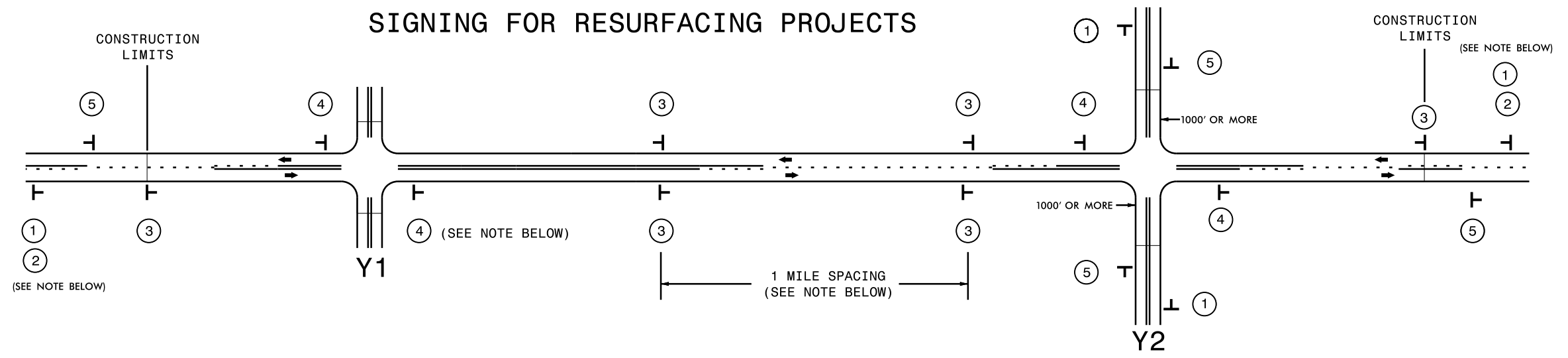


SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- 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	







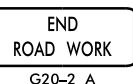
I:\FEB-2015_09152
 .D:\C:\Users\jjeaddy\Documents\Projects\ICR20701\Drawings\Shoulder Wedge Detail.dgn
 .jeaddy AT D:\C:\Users\jjeaddy\Documents\Projects\ICR20701\Drawings\Shoulder Wedge Detail.dgn



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
	<p>(1)  PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>(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)</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>(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.</p>	<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 style="text-align: center;">  <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> </div> <div style="text-align: center;">  <p>PLACED 250' IN ADVANCE OF FLAGGER.</p> </div> </div>	
<p>(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.</p>		
<p>(5)  PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>		

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RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2 LANE ROADWAYS

PROJECT NO. 1CR.20701.108, ETC.	SHEET NO. 9	TOTAL NO. 9
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SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	MOBILIZATION LS	INCIDENTAL STONE BASE TONS	INCIDENTAL MILLING SY	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	TEMPORARY TRAFFIC CONTROL LS
1CR.20701.108	Pasquotank	1	SR 1131 CONSOLIDATED RD	FROM NC 344 TO END OF MAINTENANCE	1	2	2WU	NO	NO	1.05	25	1	2	225	1,540			92			1
1CR.20701.109	Pasquotank	2	SR 1131 DAVIS BAY	FROM SR 1128 TO SR 1129	2	2	2WU	NO	NO	1.10	18	*	5			950		64			*
1CR.20701.110	Pasquotank	3	SR 1139 BODY ROAD	FROM NC 344 TO SR 1136	2	2	2WU	NO	NO	4.60	21	*	50	605		3,916		262			*
1CR.20701.111	Pasquotank	4	SR 1101 PEARTREE ROAD	FROM NC 344 TO .55 MILES SOUTH OF SR 1183	2	2	2WU	NO	NO	1.94	21	*	40			1,959		131	2	3	*
1SP.20705.1	Pasquotank	5	SR 1226 LITTLE RIVER DR AND QUAKER DR	FROM SR 1200 TO CUL-DE-SAC	3	2	2WU	NO	NO	1.20	20	*	15				667	45			*
1SP.20705.2	Pasquotank	6	SR 1601 DURANT DR	FROM SR 1226 TO SR 1603	3	2	2WU	NO	NO	0.10	20	*	2				51	3			*
1SP.20705.3	Pasquotank	7	SR 1602 SHARD TRAIL	FROM SR 1226 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.08	20	*	2				41	3			*
1SP.20705.4	Pasquotank	8	SR 1603 FLINT TRAIL	FROM SR 1601 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.07	20	*	2				36	2			*
1SP.20705.18	Pasquotank	9	SR 1234 CROSSWINDS DR	FROM NC 344 TO DEAD END	3	2	2WU	NO	NO	0.45	18	*	2				234	16			*
1SP.20705.19	Pasquotank	10	SR 1235 OWNES DR	FROM SR 1234 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.29	20	*	2				170	12			*
1SP.20705.20	Pasquotank	11	SR 1240 HOCKMEYER DRIVE	FROM NC 344 TO SR 1235	3	2	2WU	NO	NO	0.30	20	*	2				153	10			*
1SP.20705.21	Pasquotank	12	SR 1241 JONES DRIVE	FROM SR 1240 TO SR 1234	3	2	2WU	NO	NO	0.12	20	*	2				61	4			*
1SP.20705.22	Pasquotank	13	SR 1239 BRUMSEY DRIVE	FROM SR 1234 TO CUL-DE-SAC	3	2	2WU	NO	NO	0.11	20	*	2				56	4			*
1SP.20705.23	Pasquotank	14	SR 1245 OLIVET CIRCLE	FROM SR 1132 TO SR 1132	3	2	2WU	NO	NO	0.78	19	*	50				398	27			*
1SP.20705.27	Pasquotank	15	SR 1216 RAILROAD ST	FROM SR 1101 TO SR 1194	3	2	2WU	NO	NO	0.12	16	*	2				49	3	2		*
1SP.20705.28	Pasquotank	16	SR 1194 PINWOOD AVE	FROM SR 1216 TO SR 1205	3	2	2WU	NO	NO	0.12	18	*	2				55	4			*
1SP.20705.29	Pasquotank	17	SR 1205 NEWBY ST	FROM SR 1150 TO DEAD END	3	2	2WU	NO	NO	0.14	18	*	2				64	4	2	4	*
1SP.20705.30	Pasquotank	18	SR 1150 OAK GROVE ROAD	FROM SR 1216 TO DEAD END	3	2	2WU	NO	NO	0.23	18	*	2				117	8	1	2	*
1SP.20705.31	Pasquotank	19	SR 1195 BEECHWOOD AVE	FROM SR 1205 TO SR 1216	3	2	2WU	NO	NO	0.15	18	*					69	5		1	*
GRAND TOTAL										12.95		1	186	830	1,540	6,825	2,221	699	7	10	1