

05/08/99

WBS ELEMENT: IC.072056, ETC.

CONTRACT NO.:

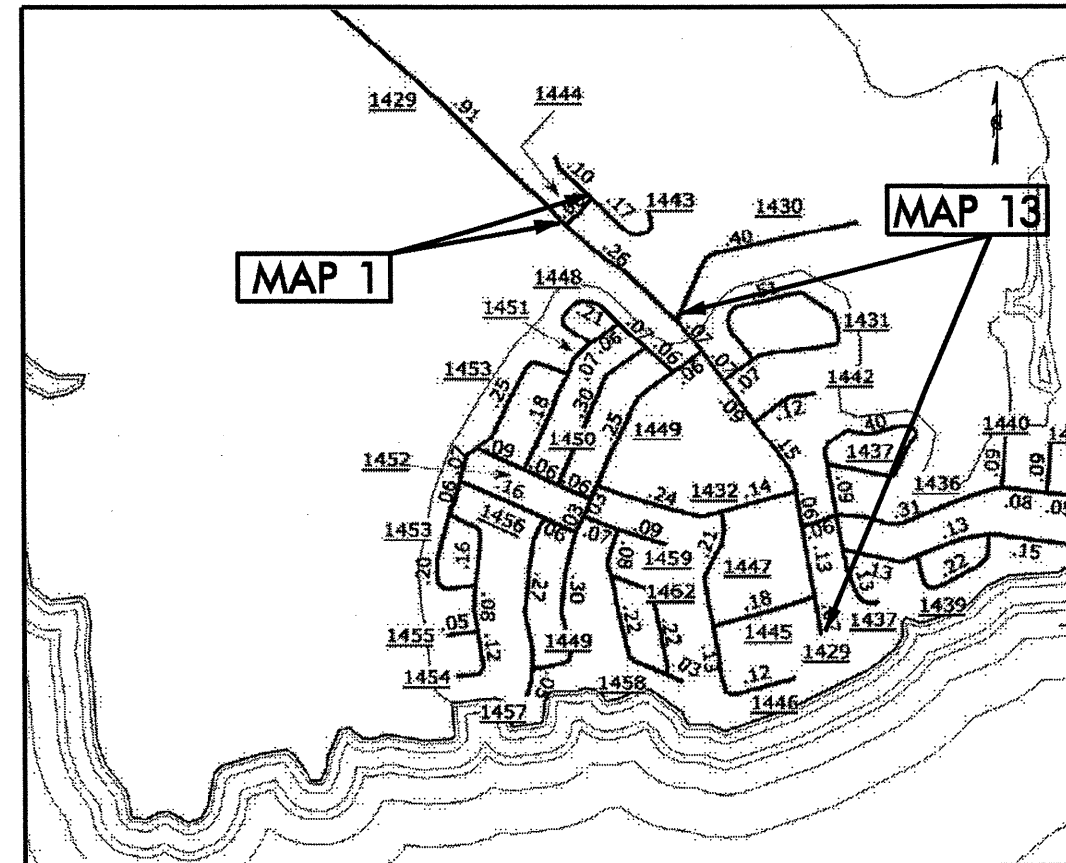
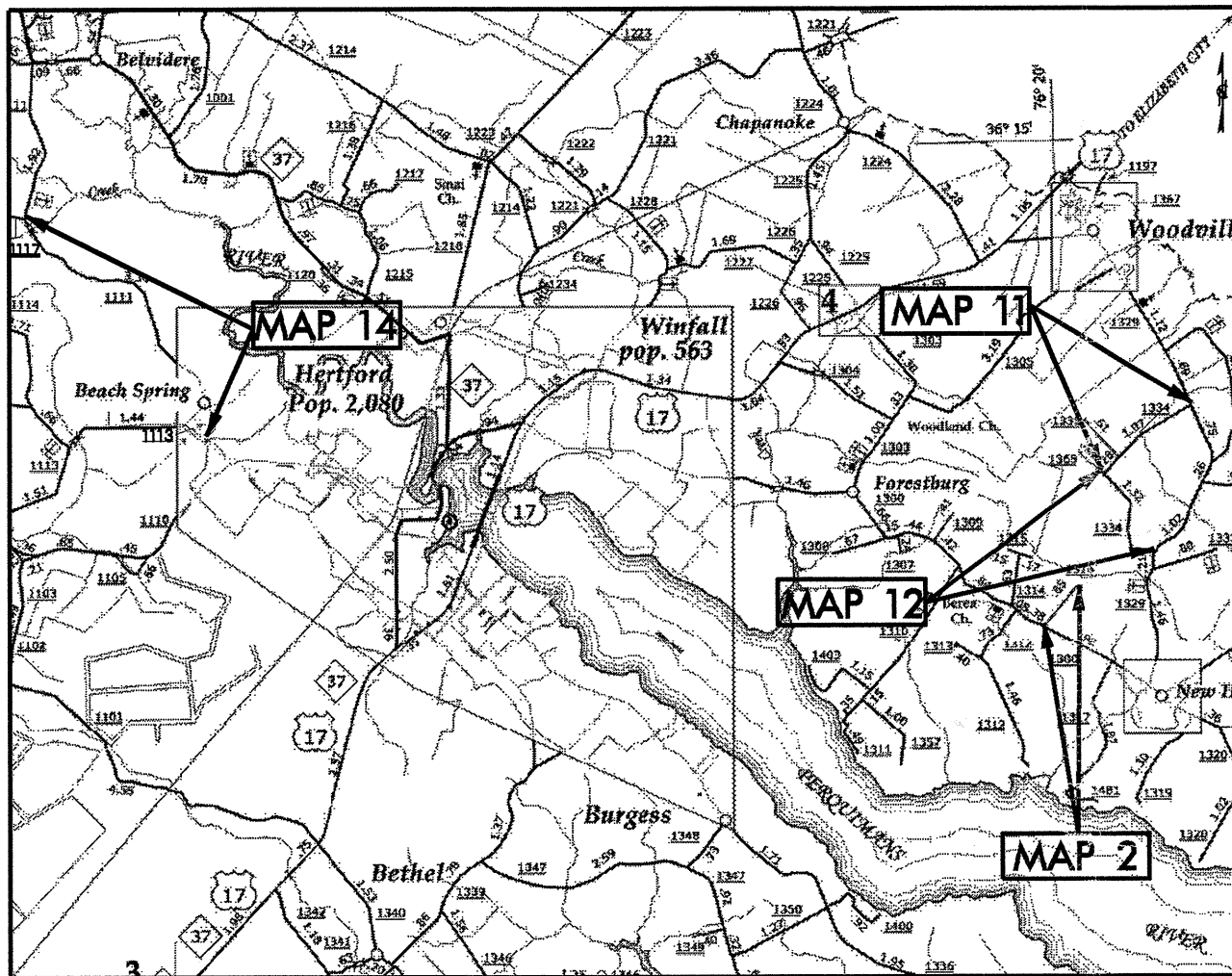
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERQUIMANS COUNTY

LOCATION: MAP 1 SR 1444 FROM SR 1429 TO SR 1443
 MAP 2 SR 1316 FROM SR 1300 TO DEAD END
 MAP 11 SR 1334 FROM SR 1329 TO SR 1365
 MAP 12 SR 1334 FROM SR 1365 TO SR 1329
 MAP 13 SR 1429 FROM SR 1430 TO END
 MAP 14 SR 1111 FROM SR 1113 TO SR 1117

TYPE OF WORK: MILLING, RESURFACING & PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	IC.072056, ETC.	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
IC.072056		MAP 1	
IC.072062		MAP 2	
1CR.20721.28		MAP 11	
1CR.20721.29		MAP 12	
1CR.20721.30		MAP 13	
1CR.20721.31		MAP 14	



NTS

PROJECT LENGTH

- LENGTH OF ROADWAY PROJECT MAP 1 = 0.06 MI.
- LENGTH OF ROADWAY PROJECT MAP 2 = 0.63 MI.
- LENGTH OF ROADWAY PROJECT MAP 11 = 1.35 MI.
- LENGTH OF ROADWAY PROJECT MAP 12 = 1.32 MI.
- LENGTH OF ROADWAY PROJECT MAP 13 = 0.65 MI.
- LENGTH OF ROADWAY PROJECT MAP 14 = 3.90 MI.

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

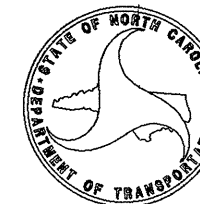
2012 STANDARD SPECIFICATIONS

LETTING DATE:
July 17, 2012

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

C.E. SLACHTA
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



09/08/99

CONTRACT NO.: WBS ELEMENT: IC.072056, ETC.

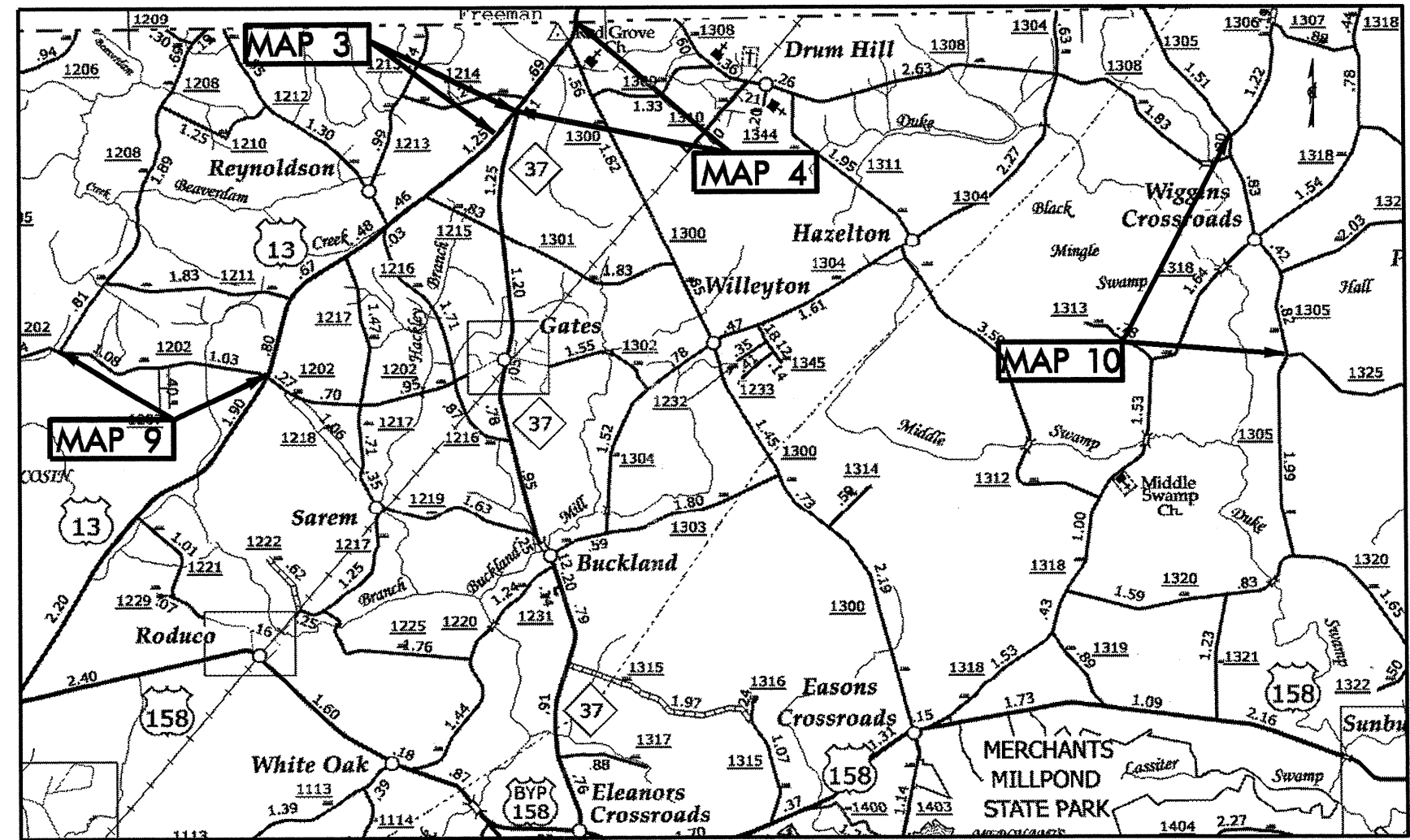
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES COUNTY

LOCATION: MAP 3 US 13 FROM WIDTH CHANGE TO WIDTH CHANGE
MAP 4 US 13 FROM WIDTH CHANGE TO VA LINE
MAP 9 SR 1202 FROM US 13 TO SR 1208
MAP 10 SR 1305 FROM SR 1325 TO SR 1307

TYPE OF WORK: MILLING, RESURFACING & PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	IC.072056, ETC.	2	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
1CR.10371.21		MAP 3	
1CR.10371.22		MAP 4	
1CR.20371.34		MAP 9	
1CR.20371.35		MAP 10	



NTS

PROJECT LENGTH

- LENGTH OF ROADWAY PROJECT MAP 3 = 0.37 MI.
- LENGTH OF ROADWAY PROJECT MAP 4 = 0.80 MI.
- LENGTH OF ROADWAY PROJECT MAP 9 = 2.11 MI.
- LENGTH OF ROADWAY PROJECT MAP 10 = 2.27 MI.

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113 Airport Dr., Edenton NC, 27932

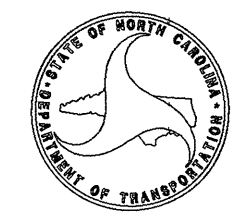
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STATE OF NORTH CAROLINA**



05/08/99

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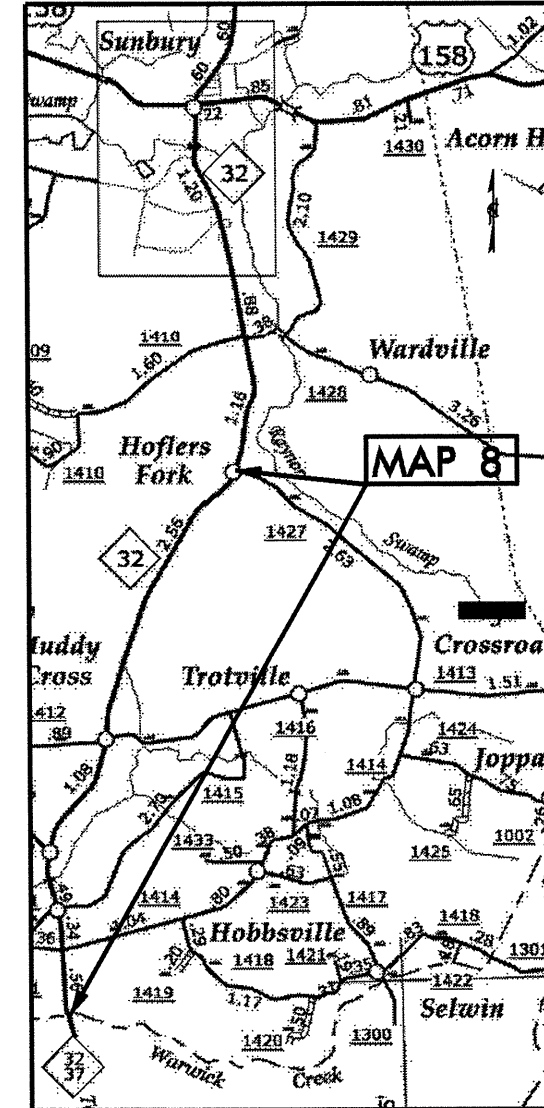
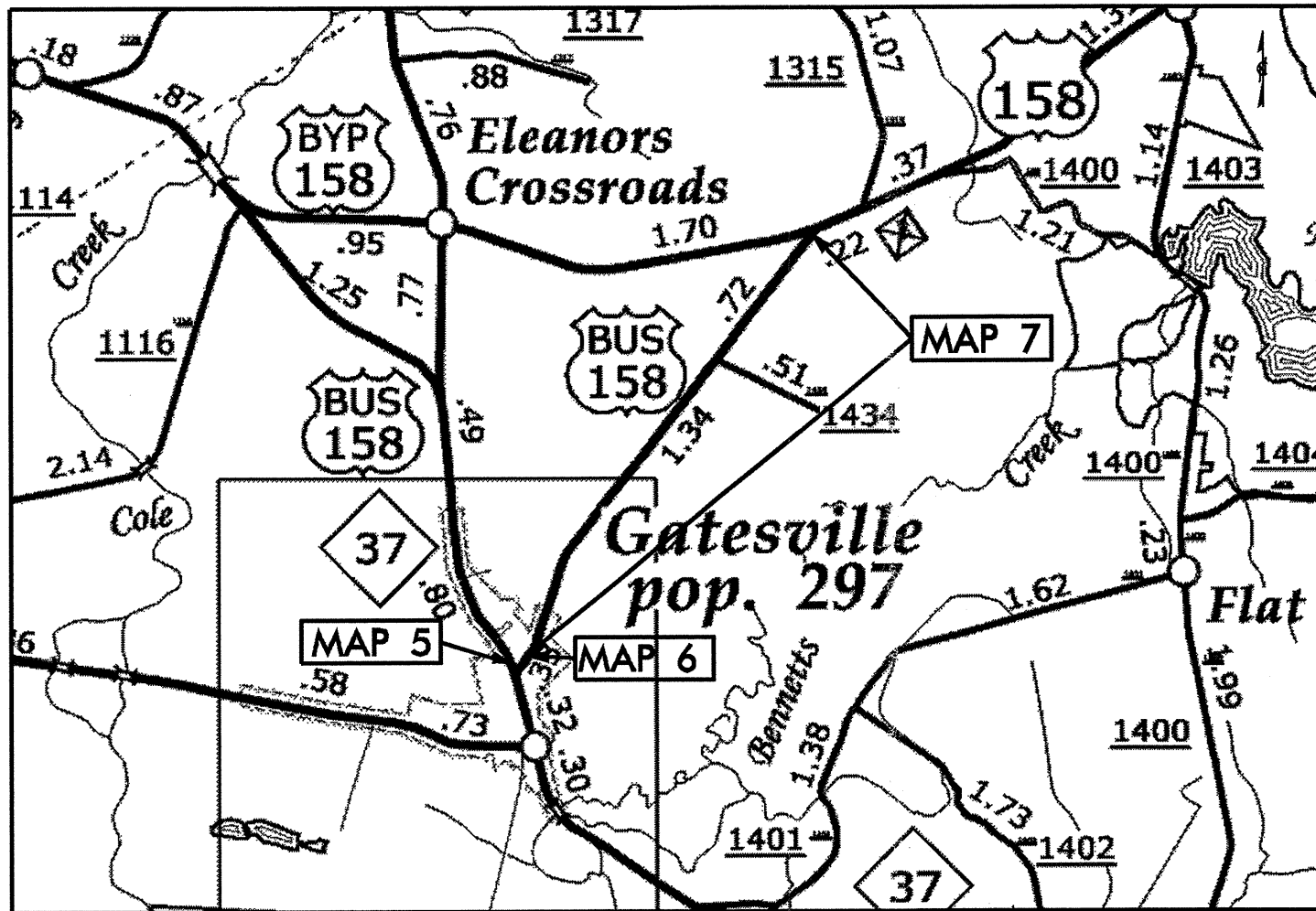
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GATES COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	1C.072056, ETC.	3	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
1CR.10371.23		MAP 5	
1CR.10371.24		MAP 6	
1CR.10371.25		MAP 7	
1CR.10371.26		MAP 8	

LOCATION: MAP 5 US 158B FROM NC 37 TO BEG. OF 40' PAVEMENT
 MAP 6 US 158B FROM BEG. OF 40' PAVEMENT TO END OF 40' PAVEMENT
 MAP 7 US 158B FROM END OF 40' PAVEMENT TO US 158
 MAP 8 NC 32 FROM CHOWAN COUNTY LINE TO SR 1427

TYPE OF WORK: MILLING, RESURFACING & PAVEMENT MARKINGS



NTS

PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 5	= 0.15 MI.
LENGTH OF ROADWAY PROJECT MAP 6	= 0.07 MI.
LENGTH OF ROADWAY PROJECT MAP 7	= 2.20 MI.
LENGTH OF ROADWAY PROJECT MAP 8	= 3.76 MI.

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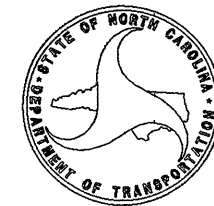
2012 STANDARD SPECIFICATIONS

LETTING DATE:
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 DIVISION PROJECT MANAGER

C.E. SLACHTA
 DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



PAVEMENT SCHEDULE

C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER INCH. IN EACH OF TWO LAYERS
J	EXISTING AGGREGATE BASE COURSE
P	PRIME COAT TO BE APPLIED AT AN AVERAGE RATE 0.35 GAL. PER SQ. YD.
T	EARTH MATERIAL

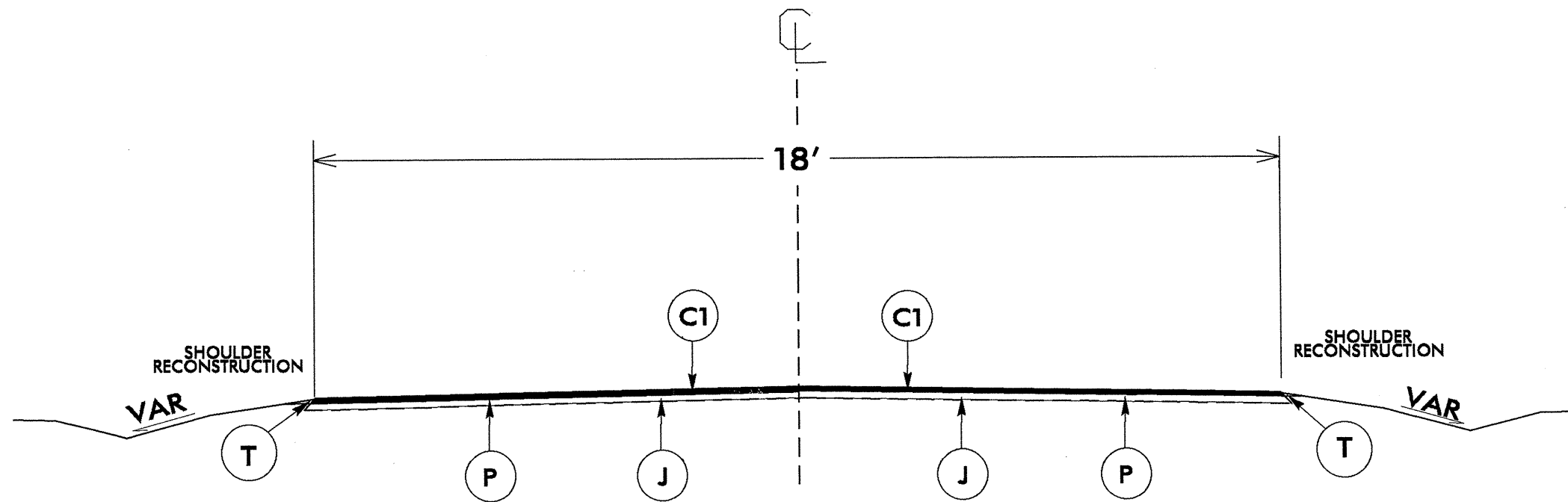
PROJECT REFERENCE NO. 1C.072056, ETC.	SHEET NO. 4
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NOTES:

*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



TYPICAL SECTION NO.1

USE WITH MAP 1,2

NTS

30-MAY-2012 15:58 S:\Contracts\Projects\Division 1\gatesperquimus\1C.072056, ETC. Gates & Perquimans Resurfacing (2012 - 2013)\1 Pre-Bid Documents\1C.072056, ETC. - Copy.dgn

PAVEMENT SCHEDULE

C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	EARTH MATERIAL
U	EXISTING PAVEMENT.
V1	MILLING BITUMINOUS PAVEMENT. 1½" DEPTH.

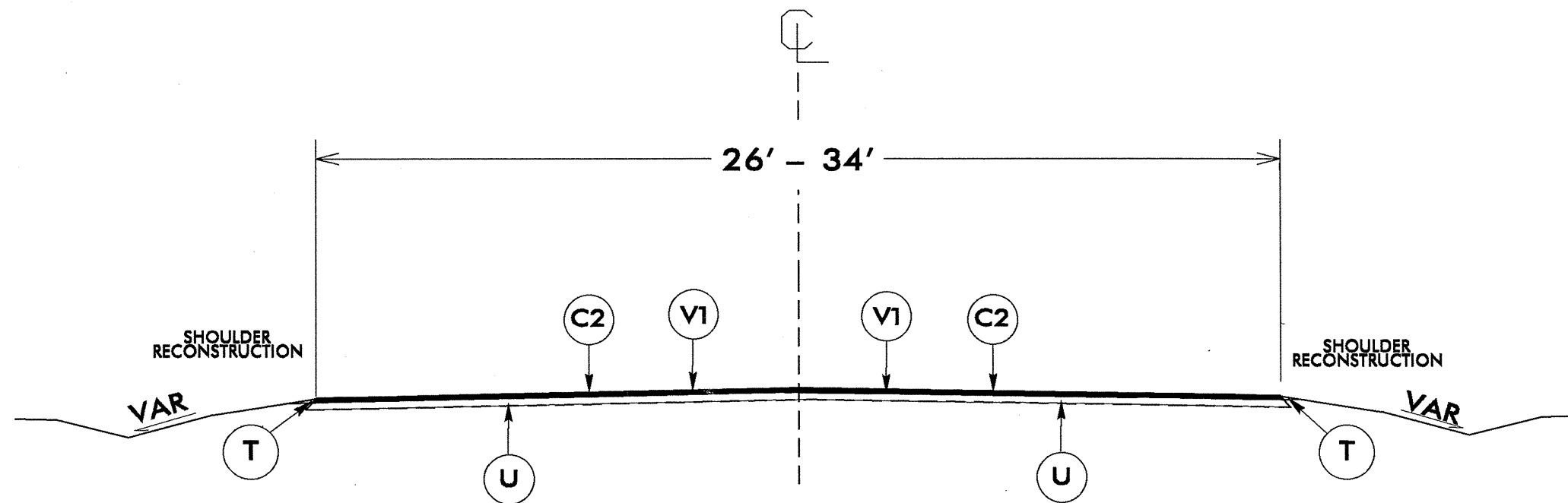
NOTES:

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*EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES

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PROJECT REFERENCE NO.	SHEET NO.
1C.072056, ETC.	5



TYPICAL SECTION NO.2

USE WITH MAP 3,4

NTS

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PAVEMENT SCHEDULE

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

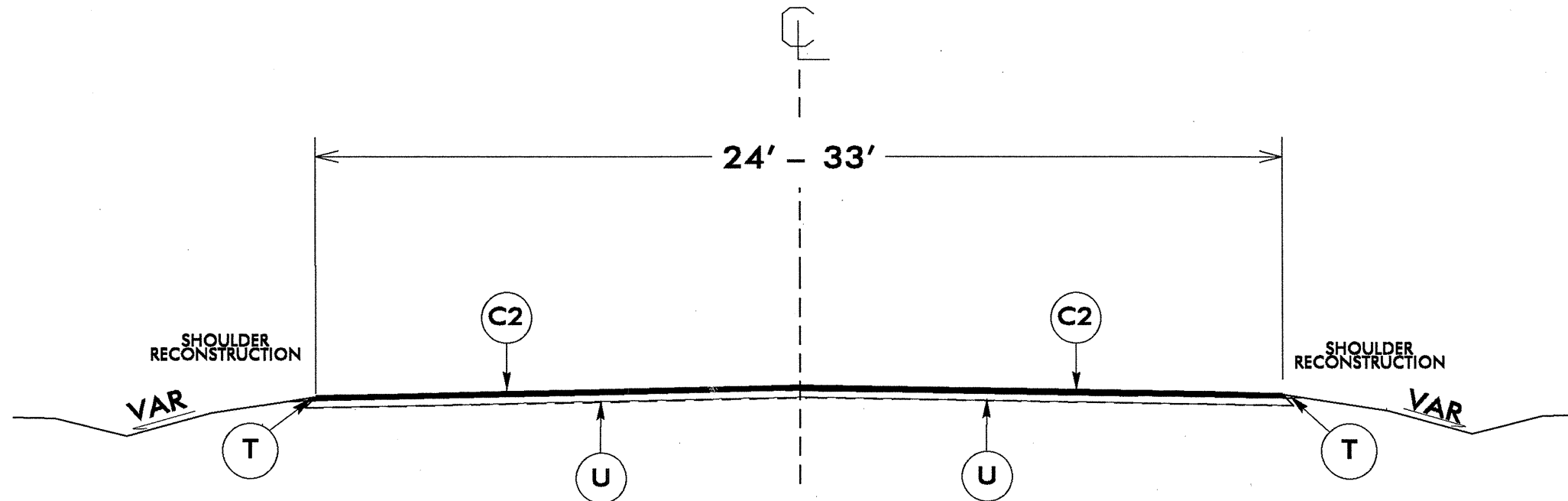
NOTES:

*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

PROJECT REFERENCE NO. 1C.072056, ETC.	SHEET NO. 6
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TYPICAL SECTION NO.3

USE WITH MAP 5,7,8

NTS

PROJECT REFERENCE NO.	SHEET NO.
1C.072056, ETC.	7

PAVEMENT SCHEDULE

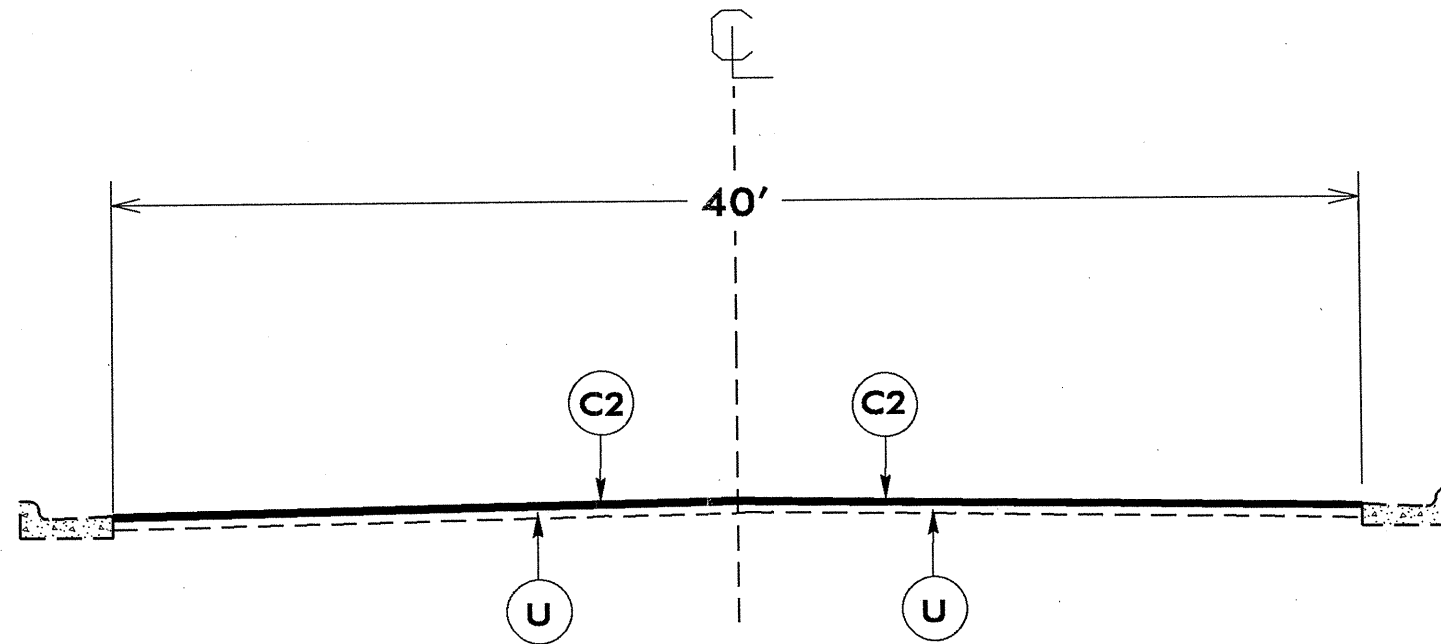
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

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



TYPICAL SECTION NO.4

USE WITH MAP 6

NTS

30-MAY-2012 15:49 S:\Contracts\Projects\Resurfacing Projects\Division 1\Gatesperquums\1C.072056, ETC. Gates & Perquums Resurfacing (2012 - 2013)\1\Pre-Bid Documents\1C.072056, ETC. - Copy.dgn

PROJECT REFERENCE NO.	SHEET NO.
1C.072056, ETC.	8

PAVEMENT SCHEDULE

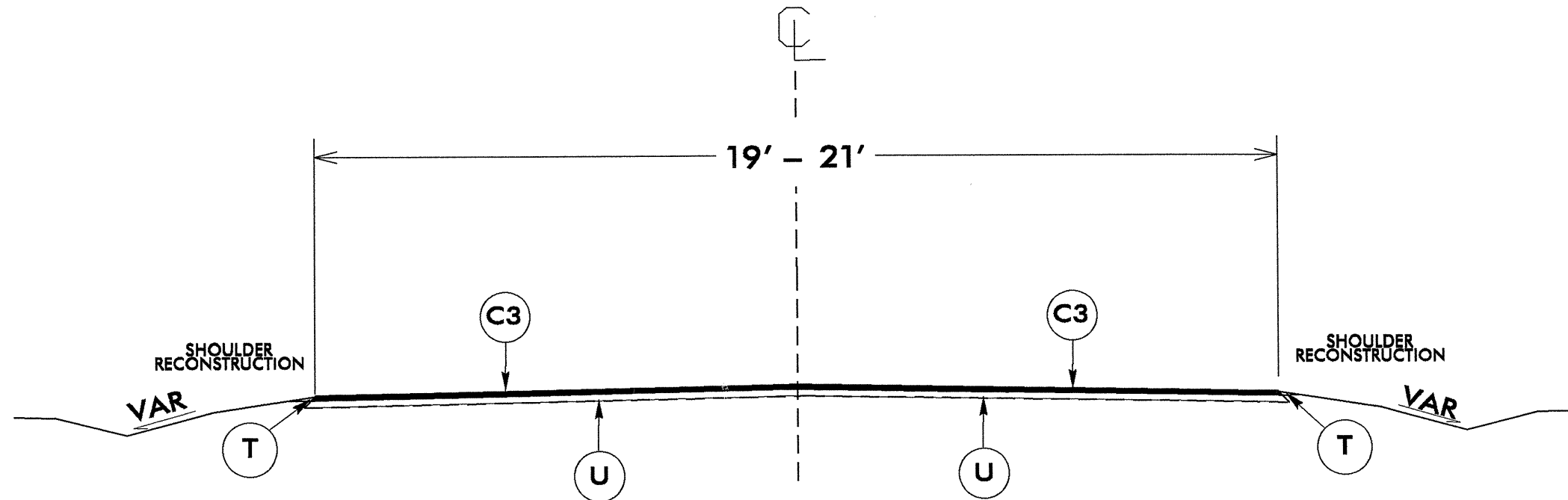
C3	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

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 TABLE OF QUANTITIES

*PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



TYPICAL SECTION NO.5

USE WITH MAP 9-14

NTS

PROJECT NO.	SHEET NO.	TOTAL NO.
1C.072056, ETC.	9	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	AGGREGATE BASE COURSE ALLOWED	LENGTH MI	WIDTH FT	BORROW CY	CONDITIONING EXISTING BASE MSY	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	PRIME COAT GAL	1½" MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ADJ. OF METER OR VALVE BOX EA	SEED & MULCHING AC	
1C.072056	Perquimans	1	SR 1444	FROM SR 1429 TO SR 1443	1	NO	NO	0.06	18	3	1		0.12	222		70	5			0.10	
1C.072062	Perquimans	2	SR 1316	FROM SR 1300 TO DEAD END	1	NO	NO	0.63	18	100	7	5	1.26	2,329		732	49				
1CR.10371.21	Gates	3	US 13	FROM NC 37 TO 0.37 MILES SOUTH (WIDTH CHANGE TO WIDTH CHANGE)	2	NO	NO	0.37	34	15		10	0.74		6,200	622		37		0.38	
1CR.10371.22	Gates	4	US 13	FROM NC 37 (WIDTH CHANGE) TO VIRGINIA LINE	2	NO	NO	0.80	26	32		20	1.60		12,300	1,030		62		0.80	
1CR.10371.23	Gates	5	US 158 BUSINESS	NC 37 TO BEGINNING OF 40' WIDE PVMT	3	NO	NO	0.15	33	6		10	0.30			245		15	1	0.30	
1CR.10371.24	Gates	6	US 158 BUSINESS	BEGIN OF 40' PVMT TO END OF 40' PVMT	4	NO	NO	0.07	40							138		8	2		
1CR.10371.25	Gates	7	US 158 BUSINESS	END OF 40' PAVEMENT TO US 158	3	NO	NO	2.20	24	44		50	4.40			2,616		157	1	2.20	
1CR.10371.26	Gates	8	NC 32	CHOWAN CO LINE TO SR 1427	3	NO	NO	3.76	26	115		50	7.52			4,841		290	1	3.76	
1CR.20371.34	Gates	9	SR 1202	US 13 TO SR 1208	5	NO	NO	2.11	19.5	85		25	4.22			2,004		134	1	2.52	
1CR.20371.35	Gates	10	SR 1305	FROM SR 1325 TO SR 1307	5	NO	NO	2.27	21	90		25	4.54			2,553		171	1	2.75	
1CR.20721.28	Perquimans	11	SR 1334	FROM SR 1329 TO SR 1365 (NORTHERN SECTION)	5	NO	NO	1.35	19	52		5	2.70				1,250		84		1.30
1CR.20721.29	Perquimans	12	SR 1334	FROM SR 1365 TO SR 1329 (SOUTHERN SECTION)	5	NO	NO	1.32	19	50		5	2.64				1,222		82		1.30
1CR.20721.30	Perquimans	13	SR 1429	FRM SR 1430 TO END	5	NO	NO	0.65	20	26		25	1.30				858		57	5	0.65
1CR.20721.31	Perquimans	14	SR 1111	FROM SR 1113 TO SR 1117	5	NO	NO	3.90	20	160		100	7.80				3,849		258		4.00
GRAND TOTAL								19.64		778	8	330	39.14	2,551	18,500	9,492	12,538	1,409	12	20.06	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	THERMO LT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF
1C.072056	Perquimans	1	SR 1444	FROM SR 1429 TO SR 1443	0.06	18	*					
1C.072062	Perquimans	2	SR 1316	FROM SR 1300 TO DEAD END	0.63	18	*					
1CR.10371.21	Gates	3	US 13	FROM NC 37 TO 0.37 MILES SOUTH (WIDTH CHANGE TO WIDTH CHANGE)	0.37	34	*	3,981	2,442	4	3,981	2,442
1CR.10371.22	Gates	4	US 13	FROM NC 37 (WIDTH CHANGE) TO VIRGINIA LINE	0.80	26	*	8,608	5,280		8,608	5,280
1CR.10371.23	Gates	5	US 158 BUSINESS	NC 37 TO BEGINNING OF 40' WIDE PVMT	0.15	33	*	1,614	990		1,614	990
1CR.10371.24	Gates	6	US 158 BUSINESS	BEGIN OF 40' PVMT TO END OF 40' PVMT	0.07	40	*		462			462
1CR.10371.25	Gates	7	US 158 BUSINESS	END OF 40' PAVEMENT TO US 158	2.20	24	*	23,672	14,520		23,672	14,520
1CR.10371.26	Gates	8	NC 32	CHOWAN CO LINE TO SR 1427	3.76	26	*	40,458	24,816		40,458	24,816
1CR.20371.34	Gates	9	SR 1202	US 13 TO SR 1208	2.11	19.5	*	22,704	13,926		22,704	13,926
1CR.20371.35	Gates	10	SR 1305	FROM SR 1325 TO SR 1307	2.27	21	*	24,425	14,982		24,425	14,982
1CR.20721.28	Perquimans	11	SR 1334	FROM SR 1329 TO SR 1365 (NORTHERN SECTION)	1.35	19	*	14,526	8,910		14,526	8,910
1CR.20721.29	Perquimans	12	SR 1334	FROM SR 1365 TO SR 1329 (SOUTHERN SECTION)	1.32	19	*	14,203	8,712		14,203	8,712
1CR.20721.30	Perquimans	13	SR 1429	FRM SR 1430 TO END	0.65	20	*	6,994	4,290		6,994	4,290
1CR.20721.31	Perquimans	14	SR 1111	FROM SR 1113 TO SR 1117	3.90	20	*	41,964	25,740		41,964	25,740
GRAND TOTAL					19.64		1	203,149	125,070	4	203,149	125,070
											328,219	