



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

April 5, 2012

Addendum No. 2

Contract No.: DA00126

TIP No.: N/A

WBS No.: 1CR.10581.17, ETC.

Chowan & Martin Counties

Milling, Resurfacing, Open Grade Friction Course and Pavement Markings

To Whom It May Concern:

Reference is made to the proposal previously furnished for this project.

The following revision has been made to the proposal:

Page No. 23, has been revised to include the special provision "Adjustment of Manholes." Please void the existing Page No. 23 in the proposal and staple revised Page No. 23 thereto.

Pages No. 40-41, "Bid Form," have been revised to include the increased paint quantities for the additional map, "Old Hertford Rd. – Map #11" and a line item for "Adjustment of Manholes." Please void the existing Pages No. 40-41 in the proposal and staple revised Pages No. 40-41 thereto.

Plan Sheet 4, has been revised to illustrate the proper location of "Blades Circle – Map#9." Please void the existing Plan Sheet 4 in the proposal and staple revised Plan Sheet 4 thereto.

Plan Sheets 7 -11, have been revised to read "All Paved Intersections To Be Resurfaced To The Ends Of The Radii Or As Directed By The Engineer – Note #1" and to illustrate existing asphalt face to face in the curb & gutter sections. Please void the existing Plan Sheets 7-11 in the proposal and staple revised Plan Sheets 7-11 thereto.

Plan Sheet 12, "Summary of Quantities," has been revised to include the increased paint quantities for the additional map, "Old Hertford Rd. – Map #11" and a line item for "Adjustment of Manholes." Please void the existing Plan Sheet 12 in the proposal and staple revised Plan Sheet 12 thereto.

Sincerely,

A handwritten signature in black ink, appearing to read "W. B. Hobbs".

W. B. Hobbs, PE
Division Project Manager

WBH

Attachment

cc: S. D. Baker, PE

D. S. Lee, PE

TEMPORARY TRAFFIC CONTROL DEVICES

(1-17-12)

1105

R11 R05

Revise the 2012 Standard Specifications as follows:

Page 11-5, Article 1105-6 Measurement and Payment, add the following paragraph after line 24:

Partial payments will be made on each payment estimate based on the following: 50% of the contract lump sum price bid will be paid on the first monthly estimate and the remaining 50% of the contract lump sum price bid will be paid on each subsequent estimate based on the percent of the project completed.

ADJUSTMENT TO MANHOLES

(7-1-95)

858

R8 R96

The Contractor's attention is directed to Section 858-3 of the 2012 Standard Specifications.

Make adjustments to manholes on this project by using rings or rapid set (grout, mortar, or concrete) as approved by the Engineer.

CONSTRUCTION SEQUENCE

Pave each section of roadway begun in a continuous operation. Do not begin work on another section of roadway unless satisfactory progress is being made toward completion of intersections and all other required incidental work by satisfactorily furnishing additional paving equipment and personnel, except for milling and patching operations.

OPEN GRADED ASPHALT FRICTION COURSE, PERMEABLE ASPHALT DRAINAGE COURSE, AND ULTRA-THIN BONDED WEARING COURSE

609

SP6 R62

(4-17-12)

When producing and constructing open graded asphalt friction course, permeable asphalt drainage course, and ultra-thin bonded wearing course revise the 2012 Standard Specifications as follows:

Page 6-10, Subarticle 609-6(B) Required Sampling and Testing Frequencies, delete the third paragraph and replace with the following:

Sample and test the completed mixture from each mix design per plant per year at the following minimum frequency during mix production:

<u>Accumulative Production Increment</u>	<u>Number of Samples per Increment</u>
500 tons	1

Page 6-10, Subarticle 609-6(C) Control Charts, delete the fourth paragraph and replace with the following:

Record the following data on the standardized control charts and in accordance with the requirements of Section 7.4 of the *HMA/QMS Manual*:

- (a) Aggregate Gradation Test Results:
 - 1. 12.5 mm (Types P57 & FC-2 Mod. Only)
 - 2. 9.5 mm (Excluding Type P57)
 - 3. 4.75 mm
 - 4. 2.36 mm
 - 5. 0.075 mm Sieves
- (b) Binder Content, %, P_b

North Carolina Department of Transportation BID FORM

WBS Number: 1CR.10581.17, ETC.

County: Chowan & Martin

Description: Milling, Resurfacing, Open Grade Friction Course And Pavement Markings,
In Chowan & Martin Counties

LINE	ITEM #	SECT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT BID
1	0000100000-N	800	MOBILIZATION	LUMP SUM	LS	LUMP SUM	
2	1297000000-E	607	MILLING ASPHALT PAVEMENT, (1- 1/2") DEPTH	42,447	SY		
3	1297000000-E	607	MILLING ASPHALT PAVEMENT, (2") DEPTH	40,526	SY		
4	1297000000-E	607	MILLING ASPHALT PAVEMENT, (3/4") DEPTH	24,400	SY		
5	1519000000-E	610	ASPHALT CONC. SURFACE COURSE, TYPE S 9.5 B	6,569	TON		
6	1525000000-E	610	ASPHALT CONC. SURFACE COURSE, TYPE SF 9.5 A	2,080	TON		
7	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	535	TON		
8	1577000000-E	620	POLMER MODIFIED ASPHALT BINDER FOR PLANT MIX	67	TON		
9	1663000000-E	650	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED	1,101	TON		
10	2830000000-N	858	ADJUSTMENT OF MANHOLES	7	EA		
11	4399000000-N	1105	TEMPORARY TRAFFIC CONTROL	LUMP SUM	LS	LUMP SUM	
12	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MLS)	34,840	LF		
13	4686000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MLS)	6,000	LF		
14	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MLS)	200	LF		
15	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MLS)	80	EA		
16	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	58,547	LF		
17	4847000000-E	1205	POLYUREA PAVEMENT MARKING LINES (4", HIGHLY REFLECTIVE ELEMENTS)	36,456	LF		

BID FORM CONT.

18	4900000000-E	1251	PERMANENT RAISED PAVEMENT MARKERS	602	EA		
19	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	2,000	LF		
20	7456000000-E	1726	LEAD-IN CABLE (18-4)	400	LF		

Unit Prices must be limited to TWO decimal places

FOR BID TO BE CONSIDERED RESPONSIVE, ANY ADDENDA ISSUED MUST BE ACKNOWLEDGED. PLEASE ACKNOWLEDGE RECEIPT OF ADDENDA BY WRITING IN ADDENDUM NUMBER AND DATING BELOW.

Addendum No. _____ Initial & Date: _____ Addendum No. _____ Initial & Date: _____

Addendum No. _____ Initial & Date: _____ Addendum No. _____ Initial & Date: _____

TOTAL BID FOR PROJECT: _____

CONTRACTOR: _____

ADDRESS: _____

Federal Identification Number: _____

Authorized Agent: _____ Title: _____

Signature: _____ Date: _____

Witness: _____ Title: _____

Signature: _____ Date: _____

THIS SECTION TO BE COMPLETED BY N. C. DEPARTMENT OF TRANSPORTATION

This bid has been reviewed in accordance with Article 103-1 of the Standard Specifications for Roads and Structures 2012.

Reviewed by: _____ DATE

Accepted by NCDOT: _____ DATE



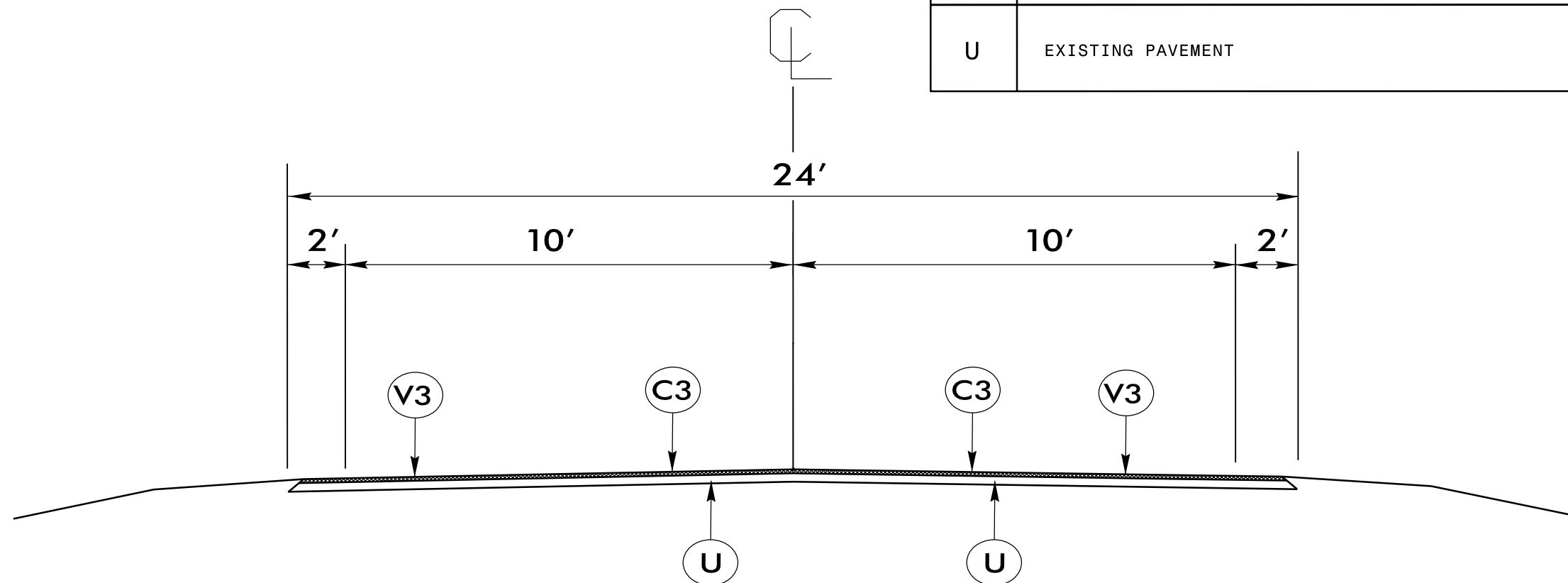
NOTES:

1. ALL PAVED INTERSECTIONS TO BE MILLED, RESURFACED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
4. SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS

REVISED 4/4/12

PROJECT REFERENCE NO.	SHEET NO.
1CR.10581.17, ETC.	7 OF 12

PAVEMENT SCHEDULE	
C3	PROP. APPROX. ¾" OPEN-GRADE FRICTION COURSE, TYPE FC 2 MODIFIED AT AN AVERAGE RATE OF 90 LBS. PER SQ.YD.
V3	MILLING ASHALT PAVEMENT DEPTH ¾"
U	EXISTING PAVEMENT



TYPICAL SECTION #3

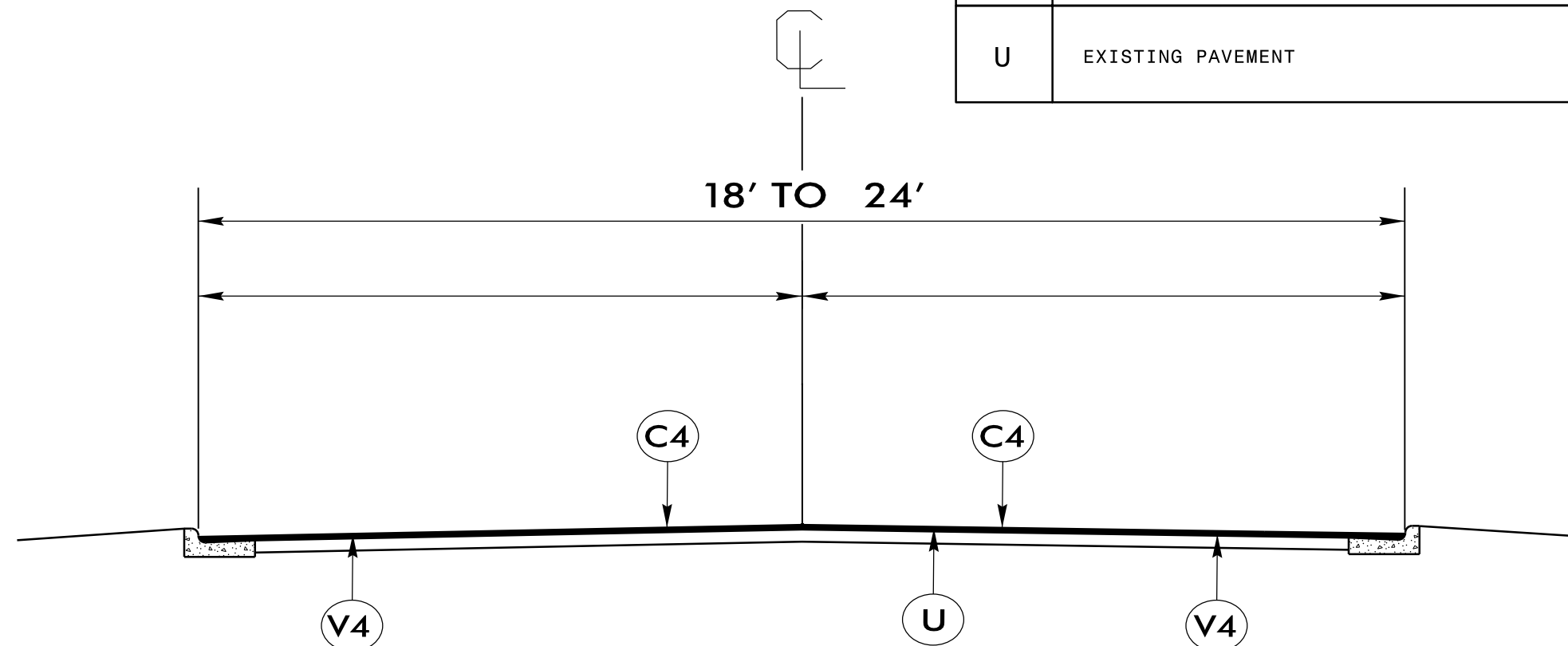
USE WITH MAP 12

NOTES:

1. ALL PAVED INTERSECTIONS TO BE MILLED & RESURFACED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

PROJECT REFERENCE NO.	SHEET NO.
1CR.10581.17, ETC.	8 OF 12

PAVEMENT SCHEDULE	
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
V4	MILLING ASHALT PAVEMENT DEPTH 1.5"
U	EXISTING PAVEMENT



TYPICAL SECTION #4

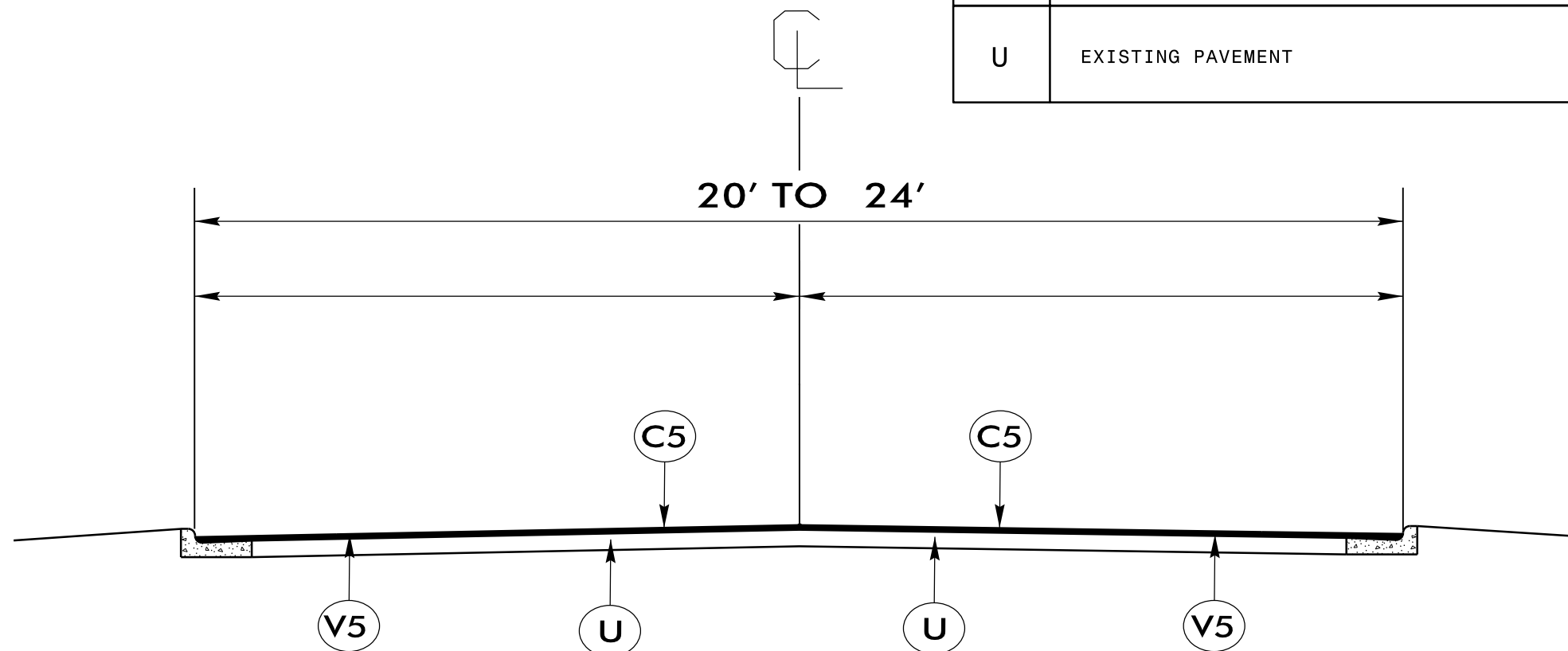
USE WITH MAPS 5, 6 AND 7

NOTES:

1. ALL PAVED INTERSECTIONS TO BE MILLED, RESURFACED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE

PROJECT REFERENCE NO.	SHEET NO.
1CR.10581.17, ETC.	9 OF 12

PAVEMENT SCHEDULE	
C5	PROP. APPROX. 2" ASPHALT SURFACE COURSE, TYPE SF 9.5 A AT AN AVERAGE RATE OF 220 LBS. PER SQ.YD.
V5	MILLING ASHALT PAVEMENT DEPTH 2"
U	EXISTING PAVEMENT



TYPICAL SECTION #5

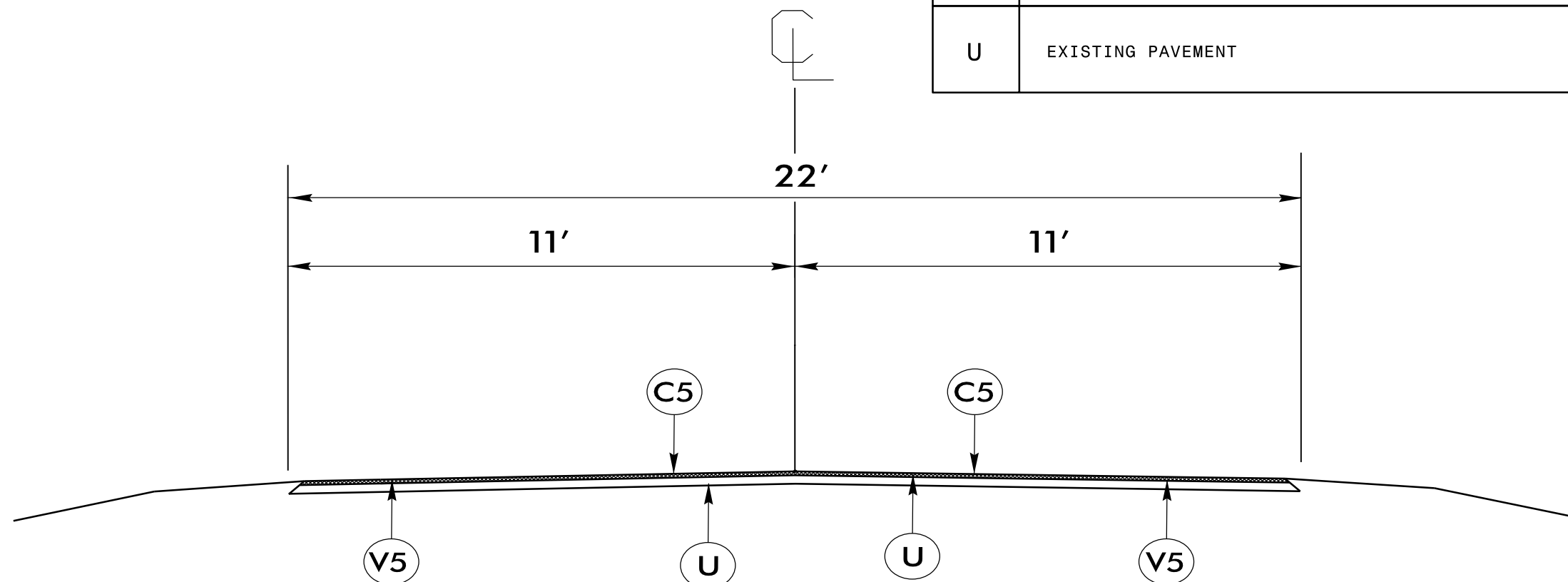
USE WITH MAPS 8 AND 9

NOTES:

1. ALL PAVED INTERSECTIONS TO BE MILLED, RESURFACED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
4. SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS

PROJECT REFERENCE NO.	SHEET NO.
1CR.10581.17, ETC.	10 OF 12

PAVEMENT SCHEDULE	
C5	PROP. APPROX. 2" ASPHALT CONCRETE COURSE, TYPE SF 9.5 A AT AN AVERAGE RATE OF 220 LBS. PER SQ.YD.
V5	MILLING ASHALT PAVEMENT DEPTH 2"
U	EXISTING PAVEMENT



TYPICAL SECTION #6

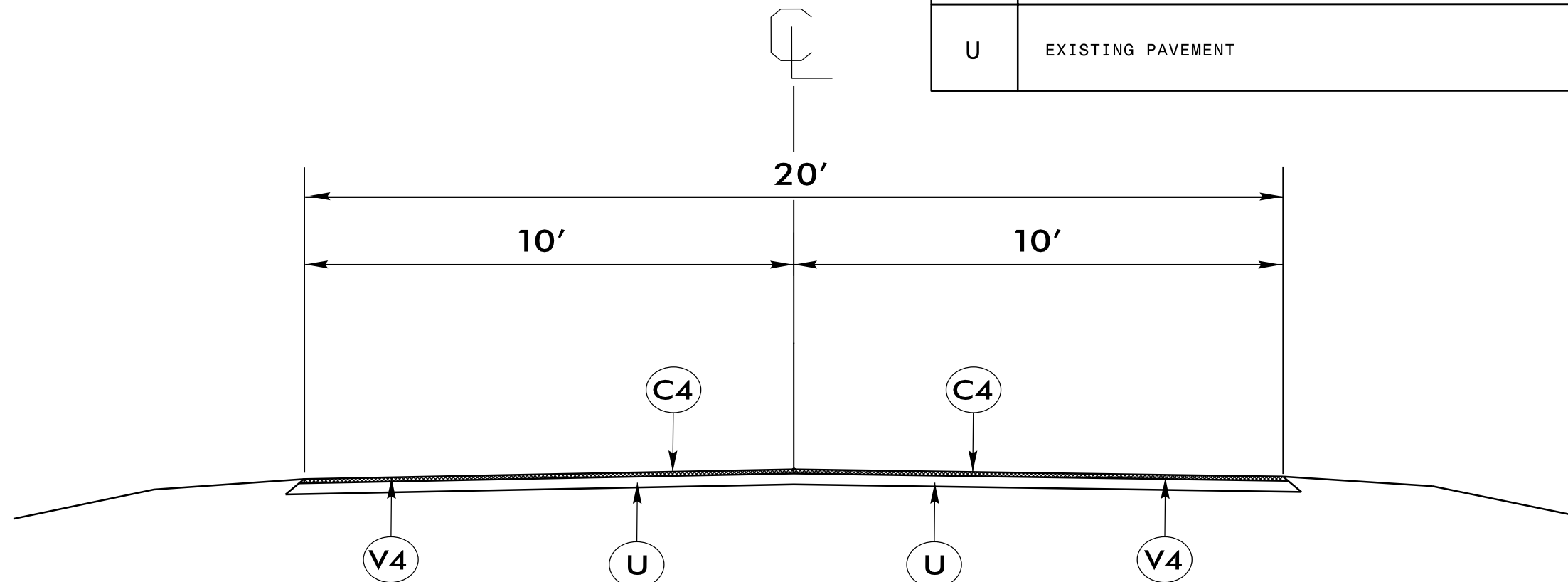
USE WITH MAPS 10

NOTES:

1. ALL PAVED INTERSECTIONS TO BE MILLED, RESURFACED TO THE ENDS OF THE RADII OR AS DIRECTED BY THE ENGINEER
2. EDGES, PAVEMENT WIDENING, INTERSECTIONS, AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES
3. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE
4. SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS

PROJECT REFERENCE NO.	SHEET NO.
1CR.10581.17, ETC.	11 OF 12

PAVEMENT SCHEDULE	
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
V4	MILLING ASHALT PAVEMENT DEPTH 1.5"
U	EXISTING PAVEMENT



TYPICAL SECTION #7

USE WITH MAPS 11

PROJECT NO.	SHEET NO.	TOTAL NO.
1CR.10581.17, ETC.	12	12

REVISED 4/4/12

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	MOBILIZATION	1 1/2" MILLING	2" MILLING	3/4" MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, SF9.5A	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	OGAFC, TYPE FC-2 MOD	ADJUSTMENT OF MANHOLES
NO		NO			NO		MI	FT	LS	SY	SY	SY	TONS	TONS	TON	TON	TONS	EA
1CR.10581.17	Martin	1	US 17 SOUTH BOUND LANE	FROM US 64 ALT .70 MILES SOUTH TO NEW PAVEMENT	1	NO	0.7	32	1	15,151			1,416		85			
1CR.10581.17	Martin	2	US17 NORTH BOUND LANE	NORTH BOUND LANE FROM NEW PAVEMENT TO US 64 ALT	1	NO	0.7	32	*	16,607			1,401		84			
1CR.10581.18	Martin	3	US 13/17 SOUTH BOUND LANE	FROM ROANOKE RIVER BRIDGE SOUTH TO BEGIN NEW PAVEMENT	2	NO	0.81	30	*		15,682		1,876		113			
1CR.10581.18	Martin	4	US 13/17 NORTH BOUND LANE	FROM NEW PAVEMENT NORTH TO ROANOKE RIVER BRIDGE	2	NO	0.81	30	*		15,682		1,876		113			
36249.3113	Chowan	5	EAST KING STREET	FROM BROAD STREET TO COURT STREET	4	NO	0.07	24	*	1,084				92	6			
36249.3113	Chowan	6	EAST KING STREET	FROM S OAKUM STREET TO R/R TRACKS	4	NO	0.06	18	*	700				91	6			2
36249.3113	Chowan	7	WEST WATER STREET	FROM GRANVILLE STREET TO BROAD STREET	4	NO	0.15	24	*	2,323				193	13			5
36249.3113	Chowan	8	SOUTH OAKUM STREET	FROM EAST KING STREET TO EAST QUEEN STREET	5	NO	0.15	24	*		2,323			307	21			
36249.3113	Chowan	9	BLADES CIRCLE	FROM BLADES STREET TO CUL-DE-SAC	5	NO	0.09	20	*		1,161			167	11			
36249.3113	Chowan	10	PAXTON LANE	FROM OLD HERTFORD ROAD FOR .40 MILES	6	NO	0.4	22	*		5,678			684	46			
362493.3113	Chowan	11	OLD HERTFORD ROAD	FROM OLD HERTFORD ROAD TO TYLER LANE	7	NO	0.51	20		6,582				546	37			
43441.3.1	Chowan	12	NC 32 NORTH	NC 32 .10 MILE SOUTH OF SR 1316 TO TO 100' PAST SR1317 NORTH END	3	NO	2.1	24	*			24,400				67	1,101	
GRAND TOTAL							6.04		1	42,447	40,526	24,400	6,569	2,080	535	67	1,101	7

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	4" WHITE POLYUREA	4" YELLOW POLYUREA	CRYSTAL & RED MARKERS	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (18-4)
NO		NO			LS	LF	LF	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	LF	LF
1CR.10581.17	Martin	1	US 17 SOUTH BOUND LANE	FROM US 64 ALT .70 MILES SOUTH TO NEW PAVEMENT	1	4,000	4,000	1,800	50	3	3	3	3		5,800	4,000			110	1,000	200
1CR.10581.17	Martin	2	US17 NORTH BOUND LANE	NORTH BOUND LANE FROM NEW PAVEMENT TO US 64 ALT	*	4,000	4,000	1,800	50	3	3	3	3		4,000	5,800			110	1,000	200
1CR.10581.18	Martin	3	US 13/17 SOUTH BOUND LANE	FROM ROANOKE RIVER BRIDGE SOUTH TO BEGIN NEW PAVEMENT	*	4,710	4,710	1,200	50	9	3	9	4	3	5,910	4,710			114		
1CR.10581.18	Martin	4	US 13/17 NORTH BOUND LANE	FROM NEW PAVEMENT NORTH TO ROANOKE RIVER BRIDGE	*	4,710	4,710	1,200	50	9	3	9	4	3	5,910	4,710			114		
36249.3113	Chowan	5	EAST KING STREET	FROM BROAD STREET TO COURT ST	*																
36249.3113	Chowan	6	EAST KING STREET	FROM S OAKUM STREET TO R/R TRACKS	*																
36249.3113	Chowan	7	WEST WATER STREET	FROM GRANVILLE STREET TO BROAD STREET	*																
36249.3113	Chowan	8	SOUTH OAKUM STREET	FROM EAST KING STREET TO EAST QUEEN STREET	*																
36249.3113	Chowan	9	BLADES CIRCLE	FROM BLADES STREET TO CUL-DE-SAC	*																
36249.3113	Chowan	10	PAXTON LANE	FROM OLD HERTFORD ROAD FOR .40 MILES	*																
362493.3113	Chowan	11	OLD HERTFORD ROAD	FROM OLD HERTFORD ROAD TO TYLER LANE	*										10,975	6,732					
43441.3.1	Chowan	12	NC 32 NORTH	NC 32 .10 MILE SOUTH OF SR 1316 TO TO 100' PAST SR1317 NORTH END	*												22,596	13,860	154		
GRAND TOTAL					1	17,420	17,420	6,000	200	24	12	24	14	6	32,595	25,952	22,596	13,860	602	2,000	400
							34,840					80			58,547		36,456				