

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 1, 2022

## Addendum No. 2

Contract No.: DA00533

WBS Element: 2023CPT.01.02.20481.1, ETC.

Asphalt Surface Treatment (Mat Coat), Milling, Resurfacing & Shoulder Reconstruction on Various Secondary Routes in Hyde, Tyrrell & Washington Counties

To Whom It May Concern:

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

The following revisions have been made to the proposal and plans:

Page 37 "Asphalt Surface Treatment Aggregate Type and Application Rates" table has been revised to clarify the application rates. Please replace the original Page 37 "Asphalt Surface Treatment Aggregate Type and Application Rates" with the attached revised Page 37 "Asphalt Surface Treatment Aggregate Type and Application Rates".

Pages 83-84 "Bid Form" have been revised to adjust the quantities associated with Line Item #10 "Asphalt Surface Treatment, Mat Coat #67 Stone" and Line Item #11 "Emulsion for Asphalt Surface Treatment". Please replace original Pages 83-84 "Bid Form" with the attached revised Pages 83-84 "Bid Form".

Plan Sheet No. 5 "Typical Section #2 & #3" notes have been revised to clarify the "Mat Coat" Emulsion and Aggregate Rates. Please replace the original Plan Sheet No. 5 "Typical Section #2 & #3" with the attached revised Plan Sheet No. 5 "Typical Section #2 & #3".

Plan Sheet No. 7 "Summary of Quantities" has been revised to adjust the quantity for "Emulsion for Asphalt Surface Treatment". Please replace the original Plan Sheet No. 7 "Summary of Quantities" with the attached revised Plan Sheet No. 7 "Summary of Quantities".

Website: www.ncdot.gov

We apologize for any inconvenience.

Sincerely,



C. E. Slachta Division Contract Engineer

Cc: C. W. Bridgers, Jr., PE

R. W. Midgett, PE

R. K. Sawyer, PE

G. A. Byrum, PE

M. B. Gill, PE

Michael Proctor

DA00533 STATE

## PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:

(11-21-00) 620 SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the 2018 Standard Specifications.

The base price index for asphalt binder for plant mix is \$790.00 per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **August 1, 2022**.

#### **FINAL SURFACE TESTING NOT REQUIRED:**

(5-18-04) (Rev. 2-16-16)

610

SP6 R45

Final surface testing is not required on this project in accordance with Section 610-13, *Final Surface Testing and Acceptance*.

#### ASPHALT CONCRETE SURFACE COURSE COMPACTION:

(7-1-95) (Rev. 8-21-12)

SP6 R49R

Compact the asphalt surface course on this project in accordance with Subarticle 610-9 of the 2018 Standard Specifications and the following provision:

Perform the first rolling with a steel wheel roller followed by rolling with a self-propelled pneumatic tired roller with the final rolling by a steel wheel roller.

#### ASPHALT SURFACE TREATMENT AGGREGATE TYPE AND APPLICATION RATES:

(02-13-15) (Rev 01-1-18)

660

SP06 R054

SEAL TYPES AND MATERIAL APPLICATION RATES													
MAP#	MAP# TYPE OF SEAL		AGGREGATE TYPE	AGGREGATE TARGET RATES <sup>A</sup> (LBS/SY)	EMULSION TARGET RATES <sup>B,C,D</sup> (GAL/SY)								
1, 3-5	MAT COAT		#67 (GRANITE)	20 - 25 ±	0.38 ±								

- **A.** Aggregate Target Rates have +/- 2.0 lbs/sy tolerance limit.
- **B.** Emulsion Target Rates have +/- 0.05 gal/sy tolerance limit.
- C. Grades of emulsion shall be CRS-2L or CRS-2P.
- **D.** Application temperatures shall be 160-170°F.

Contractor shall adjust aggregate and emulsion rates as necessary based on the existing surface, roadway conditions, weather conditions, and as directed by the Engineer. When the Engineer requires aggregate to be applied at rates above the tolerance limit, the additional aggregate above the limit will be paid in accordance with Article 104-7 of the *Standard Specifications*.

<sup>\*</sup>Surface preparation is to include clipping of shoulders when determined necessary by the Department.

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### ITEMIZED PROPOSAL FOR CONTRACT NO. DA00533

REVISED 9/1/2022

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County: HYDE, TYRRELL, WASHINGTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
			ROADWAY ITEMS			
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0106000000-E	230	BORROW EXCAVATION	5,958 CY		
0003	1220000000-E	545	INCIDENTAL STONE BASE	396 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	38.85 SMI		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")	11,118 SY		
0006	133000000-E	607	INCIDENTAL MILLING	4,150 SY		
0007	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	21,307 TON		
0008	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,445 TON		
0009	1705000000-E	SP	PATCHING EXISTING PAVEMENT (FULL DEPTH)	365 TON		
0010	1775500000-E	660	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (#67)	150,656 SY		
0011	1838000000-E	660	EMULSION FOR ASPHALT SURFACE TREATMENT	57,249 GAL		
0012	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1 EA		
0013	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	978 SF		
0014	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
 0015	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	95 LF		
0016	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	1 EA		
0017	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	344,769 LF		

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ITEMIZED PROPOSAL FOR CONTRACT NO. DA00533

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County: HYDE, TYRRELL, WASHINGTON

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	95 LF		
0019	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	1 EA		
0020	489000000-E	SP	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 55 MILS)	344,769 LF		
0021	6000000000-E	1605	TEMPORARY SILT FENCE	640 LF		
0022	6036000000-E	1631	MATTING FOR EROSION CONTROL	175 SY		
0023	6071012000-E	SP	COIR FIBER WATTLE	350 LF		
0024	6084000000-E	1660	SEEDING & MULCHING	20 ACR		
 0025	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	8 EA		

1408/Sep01/Q944586.85/D84418612000/E25

Total Amount Of Bid For Entire Project :

	PAVEMENT SCHEDULE
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
F 1	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
Т	EARTH MATERIAL
V 1	1.5" MILLING ASPHALT PAVEMENT
U	EXISTING PAVEMENT.

NOTES:

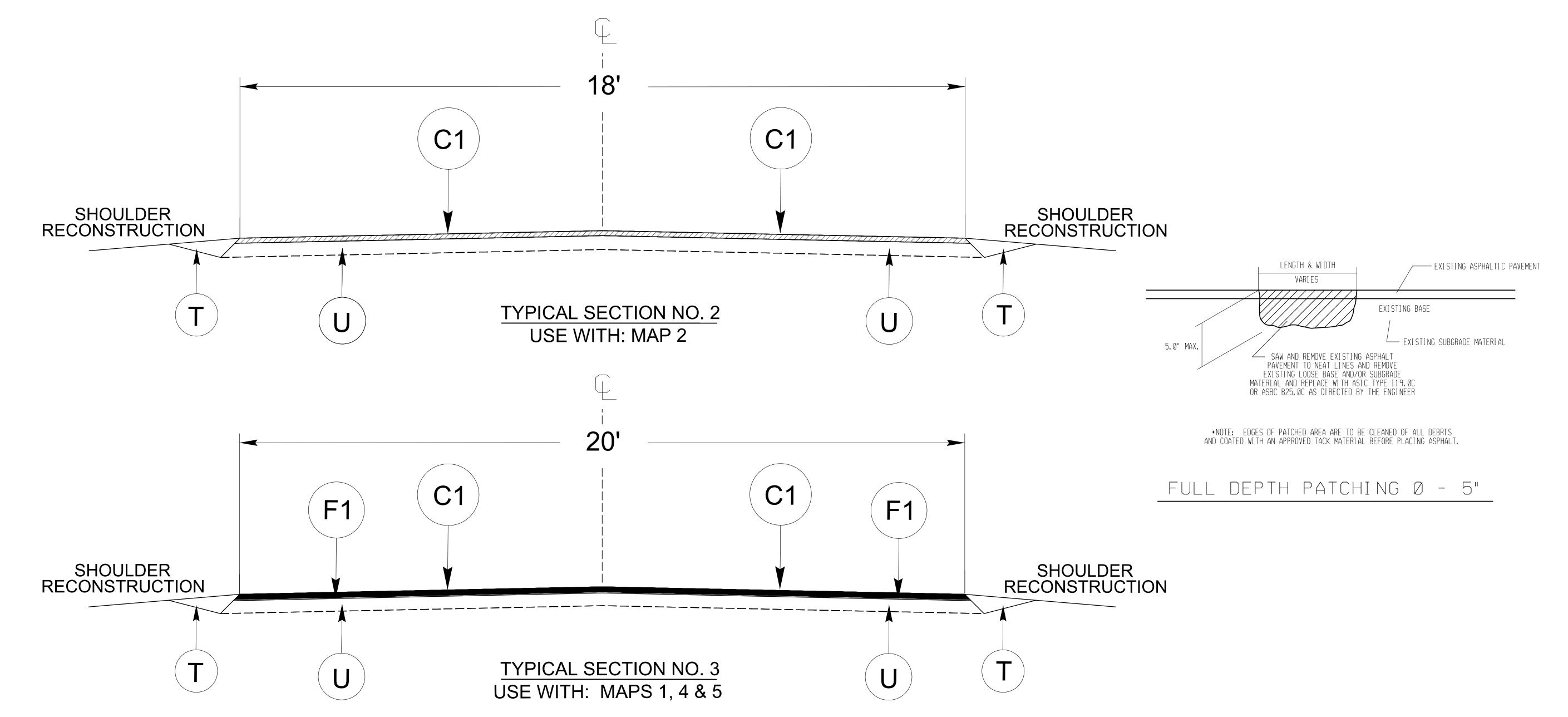
- \* ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER.
  THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- \* EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- \* ASPHALT SURFACE TREATMENT (MAT COAT) CONSISTS OF: ONE LAYER OF EMULSIFIED ASPHALT GRADE CRS-2L AT A RATE OF 0.38± GAL/SY AND ONE LAYER OF # 67 STONE AT A RATE OF 20-25± LBS/SY.
- \* ASPHALT SURFACE TREATMENT (MAT COAT) CONSISTS OF ONE LAYER OF EMULSIFIED ASPHALT GRADE CRS-2L AT A RATE OF 40± GAL/SY AND ONE LAYER OF #67 STONE AT A RATE OF 35-40± LBS/SY. CONSTRUCT THE MAT COAT IN ACCORDANCE WITH SUBARTICLE 660-8(D) OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. AFTER THE MAT COAT HAS BEEN SATISFACTORILY APPLIED AND ROLLED, THE APPLICATION OF THE PLANT MIX OVERLAY SHALL BE COMPLETED WITHIN THE SAME DAY.

2023CPT.01.09.10461.1, ETC.

REVISED: 8/25/2022

REVISED: 9/01/2022

- \* ASPHALT SURFACE TREATMENT, MAT COAT, #67 (GRANITE) STONE SHALL ONLY BE APPLIED TO THE MAINLINE AND NOT TO THE RADIUS OF ANY SIDE ROAD OR DRIVEWAY.
- \*\* THE CONTRACTOR MUST PROVIDE A SPREADER THAT IS AT LEAST 12' WIDE FOR IRREGULAR AREAS ALONG THE MAPS.



g DA\*\*\*\* Projects\DAØØ533\_AST, Milling & Resurfacing on Secondary Routes Hyde, Tyrrell & W

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REVISED 9/1/2022

PROJECT NO.	SHEET NO.
2023CPT.01.02.20481.1. FTC.	7

									S١	J M M A	RY O	FQI	UANTIT	IES												
PROJECT NO	COUNTY MA		DESCRIPTION	TYP	LANES LANE TYPE		WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT (1½")	INCIDENTAL MILLING		ASPHALT BINDER FOR PLANT MIX		EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH)	ADJUSTMENT OF METER BOXES OR VALVE BOXES BOX	TEMPORARY SILT FENCE	MATTING FOR EROSION CONTROL	FIBER MU	ERC	SPONS FOR ROSION ONTRO
								MI	FT	LS	CY	TONS	SMI	SY	SY	TONS	TONS	SY	GAL	TON	EA	LF	SY	LF	ACR	EA
2023CPT.01.02.20481.1	Hyde 1	SR 1305 (PINEY WOODS RD)	SR 1304 TO NC 94	3	2 2WU	NO	NO	9.17	20	1	2,751	183	18.34		900	10,094	687	107,595	40,886	220		500	125	250	9.2	4
TOTAL	FOR PROJ NO. 202	23CPT.01.02.20481.1		1				9.17		+	2,751	183	18.34		900	10,094	687	107,595	40,886	220		500	125	250	9.2	4
2023CPT.01.02.20891.1	Tyrrell 2	SR 1105 (NEWLANDS RD)	SR 1122 TO SR 1108	2	2 2WU	NO	NO	6.15	18	*	1,845	123	12.30		480	5,982	403			40		90	25	50	6.2	3
TOTAL	FOR PROJ NO. 202	3CPT.01.02.20891.1						6.15			1,845	123	12.30		480	5,982	403			40		90	25	50	6.2	3
2023CPT.01.02.20941.1	Washington 3	SR 1100 (LONG RIDGE RD)	SR 1106 TO US 64	1	2 2WU	NO	NO	0.87	21	*	261	17	0.87	11,118	2.170	1,194	83			65	1				0.9	
2023CPT.01.02.20941.1		SR 1120 (SLOUGH RD)	SR 1119 TO NC 32	3	2 2WU	NO	NO	1.02	20	*	306	20	2.04	,	200	1,093	74	11,968	4,548	20					1.0	
2023CPT.01.02.20941.1		SR 1156 (MOUNTAIN CANAL RD)	SR 1155 TO SR 1165	3	2 2WU	NO	NO	2.65	20	*	795	53	5.30		400	2,944	198	31,093	11,815	20		50	25	50	2.7	1
TOTAL	FOR PROJ NO. 202	3CPT.01.02.20941.1						4.54			1,362	90	8.21	11,118	2,770	5,231	355	43,061	16,363	105	1	50	25	50	4.6	1
	GRAND TO	 DTAL		+				19.86		1	5,958	396	38.85	11,118	4,150	21,307	1,445	150,656	57,249	365	1	640	175	350	20	8

				THERM	1 C	PL	. A S	TIC	ΑN	D P	AINT	QUA	NTIT	IES					
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADV/GEN WARNING SIGNING		THERMO PAVEMENT MARKING LINES (8", 90 MILS) YELLOW	THERMO PAVEMENT MARKING SYMBOL (90 MILS), LT ARROW	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (8") YELLOW	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4", 55 MILS) WHITE	LINES (4",
								MI	FT	SF	LS	LF	EA	LF	LF	LF	EA	LF	LF
2023CPT.01.02.20481.1	Hyde	1	SR 1305 (PINEY WOODS RD)	SR 1304 TO NC 94	3	2	2WU	9.17	20	374	1			98,669	60,522			98,669	60,522
TOTAL	FOR PROLNC	. 20230	CPT.01.02.20481.1					9.17		374				98,669	60,522			98,669	60,522
															159,191				,191
2023CPT.01.02.20891.1	Tyrrell	2	SR 1105 (NEWLANDS RD)	SR 1122 TO SR 1108	2	2	2WU	6.15	18	278	*			66,174	40,590			66,174	40,590
TOTAL	FOR PROJ NO	. 20230	CPT.01.02.20891.1					6.15		278				66,174	40,590			66,174	40,590
_															106,764	ļ			,764
2023CPT.01.02.20941.1			SR 1100 (LONG RIDGE RD)	SR 1106 TO US 64	1	2	2WU	0.87	21		*	95	1	9,361	5,742	95	1	9,361	5,742
2023CPT.01.02.20941.1			SR 1120 (SLOUGH RD)	SR 1119 TO NC 32	3	2	2WU	1.02	20	112	*			10,975	6,732			10,975	6,732
2023CPT.01.02.20941.1	Washington	5	SR 1156 (MOUNTAIN CANAL RD)	SR 1155 TO SR 1165	3	2	2WU	2.65	20	214	*			28,514	17,490			28,514	17,490
TOTAL	TOTAL FOR PROJ NO. 2023CPT.01.02.20941.1							4.54		326		95	1	48,850	29,964	95	1	48,850	29,964
												J			78,814			78,	814
				Г			1		T										
	GRAI	ND TOT	AL				<u> </u>	19.86		978	1	95	1	213,693	131,076	95	1	213,693	131,076
		l					1					344,769			344	,769			