



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

September 1, 2022

Addendum No. 2

Contract No.: DA00534

WBS Element: 2023CPT.01.03.20081.1, ETC.

Asphalt Surface Treatment (Mat Coat), Resurfacing & Shoulder Reconstruction on Various Secondary Routes in Bertie & Martin 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 82 - 83 "Bid Form" have been revised to adjust the quantities associated with Line Item #9 "Asphalt Surface Treatment, Mat Coat #67 Stone" and Line Item #10 "Emulsion for Asphalt Surface Treatment". Please replace original Pages 82 - 83 "Bid Form" with the attached revised Pages 82 - 83 "Bid Form".

Plan Sheet No. 3 "Typical Section #1" notes have been revised to clarify the "Mat Coat" Emulsion and Aggregate Rates. Please replace the original Plan Sheet No. 3 "Typical Section #1" with the attached revised Plan Sheet No. 3 "Typical Section #1".

Plan Sheet No. 5 "Summary of Quantities" has been revised to adjust the quantity for "Emulsion for Asphalt Surface Treatment". Please replace the original Plan Sheet No. 5 "Summary of Quantities" with the attached revised Plan Sheet No. 5 "Summary of Quantities".

We apologize for any inconvenience.

Sincerely,

DocuSigned by:

CDAEAC77A6394FB...

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
M. R. Hill, PE
A. L. Mulder

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#	TYPE OF SEAL	LAYER	AGGREGATE TYPE	AGGREGATE TARGET RATES ^A (LBS/SY)	EMULSION TARGET RATES ^{B,C,D} (GAL/SY)
1-9	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*.

***Surface preparation is to include clipping of shoulders when determined necessary by the Department.**

County: BERTIE, MARTIN

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	5,445 CY		
0003	1220000000-E	545	INCIDENTAL STONE BASE	363 TON		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	36.3 SMI		
0005	1330000000-E	607	INCIDENTAL MILLING	2,200 SY		
0006	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	19,227 TON		
0007	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,326 TON		
0008	1705000000-E	SP	PATCHING EXISTING PAVEMENT (FULL DEPTH)	705 TON		
0009	1775500000-E	660	ASPHALT SURFACE TREATMENT, MAT COAT, #*** STONE (#67)	207,810 SY		
0010	1838000000-E	660	EMULSION FOR ASPHALT SURFACE TREATMENT	78,965 GAL		
0011	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,154 SF		
0012	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0013	4704000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	200 LF		
0014	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	200 LF		
0015	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	4 EA		
0016	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	315,083 LF		
0017	4830000000-E	1205	PAINT PAVEMENT MARKING LINES (16")	200 LF		

County: BERTIE, MARTIN

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	200 LF		
0019	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	4 EA		
0020	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 55 MILS)	315,083 LF		
0021	6000000000-E	1605	TEMPORARY SILT FENCE	225 LF		
0022	6036000000-E	1631	MATTING FOR EROSION CONTROL	100 SY		
0023	6071012000-E	SP	COIR FIBER WATTLE	200 LF		
0024	6084000000-E	1660	SEEDING & MULCHING	18.2 ACR		
0025	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	9 EA		

1446/Sep01/Q948759.5/D89829612000/E25

Total Amount Of Bid For Entire Project :

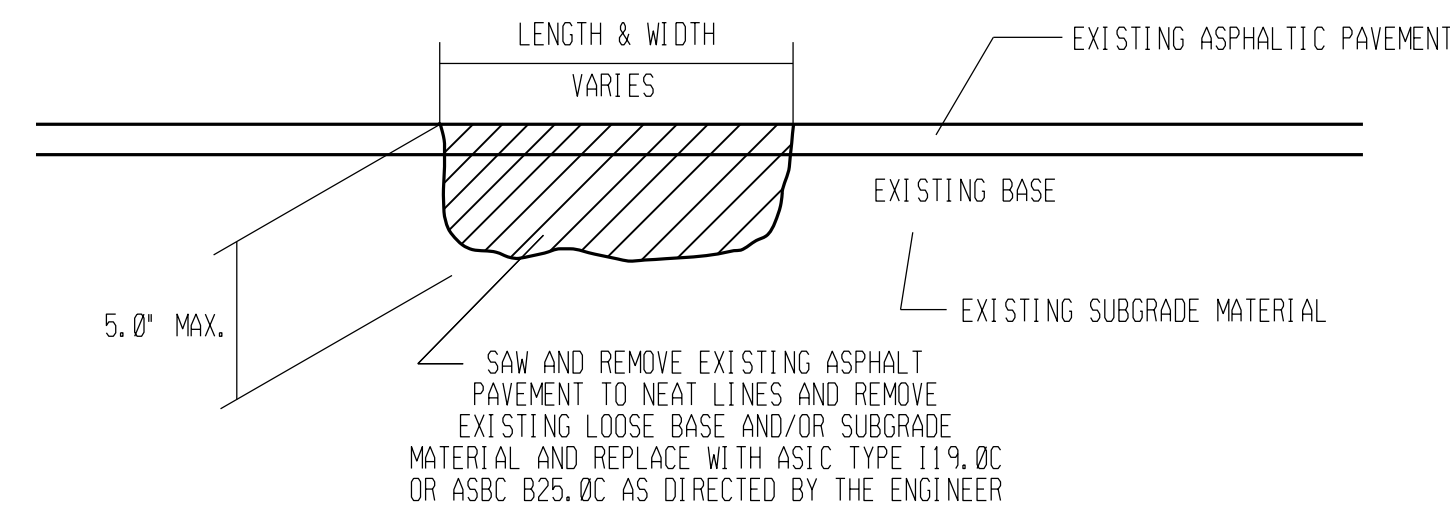
P A V E M E N T S C H E D U L E

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
T	EARTH MATERIAL
U	EXISTING PAVEMENT.

NOTES:

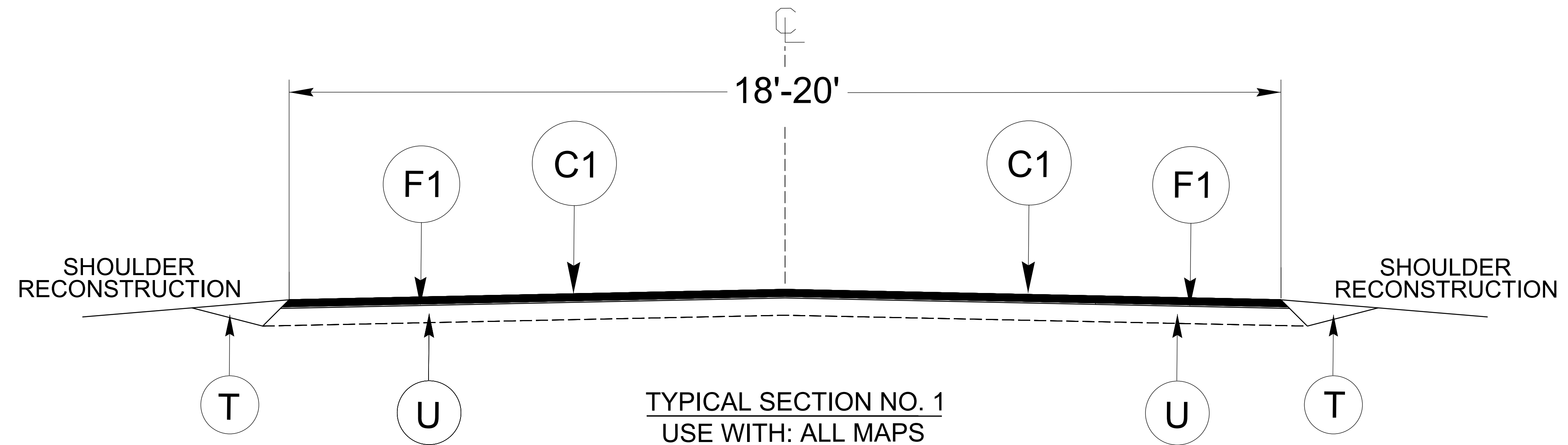
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES 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.
- * 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.
- * 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.



•NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

FULL DEPTH PATCHING 0 - 5"



REVISED 9/1/2022

PROJECT NO.	SHEET NO.
2023CPT.01.03.20081.1, ETC.	5

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT MAT COAT #67 STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH)	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL	MATTING FOR EROSION CONTROL
										MI	FT															
2023CPT.01.03.20081.1	Bertie	1	SR 1301 BULL HILL RD	SR 1303 HOGGARD MILL RD TO SR 1001 WAKELON RD	1	2	2WU	NO	NO	5.9	20	1	1,770	118	11.80	300	6,381	431	69,227	26,306	70	25	25	5.9	3	12.5
2023CPT.01.03.20081.1	Bertie	2	SR 1518 MIDDLE TRACK RD	EOP TO SR 1500 WOODARD RD	1	2	2WU	NO	NO	4.47	20	*	1,341	89	8.94	400	4,874	339	52,448	19,930	240	25	25	4.5	2	12.5
2023CPT.01.03.20081.1	Bertie	3	SR 1518 BLANCHARDS RD	SR 1500 WOODARD RD TO EOP	1	2	2WU	NO	NO	0.8	18	*	240	16	1.60	100	772	53	8,448	3,210	10	25	25	0.8	1	12.5
2023CPT.01.03.20081.1	Bertie	4	SR 1519 MORNING RD	SR 1518 MIDDLE TRACK RD TO SR 1500 WOODARD RD	1	2	2WU	NO	NO	2.39	20	*	717	48	4.78	100	2,560	184	28,043	10,656	257	50	25	2.4	1	12.5
TOTAL FOR PROJ NO. 2023CPT.01.03.20081.1										13.56			4,068	271	27.12	900	14,587	1,007	158,166	60,102	577	125	100	13.6	7	50
2023CPT.01.03.20581.1	Martin	5	SR 1411 CAMPBELL HILL RD	SR 1409 SPRING GREEN RD TO NC 125	1	2	2WU	NO	NO	1.74	18	*	522	35	3.48	200	1,679	116	18,374	6,982	58	50	50	1.7	1	25.0
2023CPT.01.03.20581.1	Martin	6	SR 1510 TAR LANDING RD	SR 1514 FAIRVIEW CHURCH RD TO SR 1511 TAR LANDING RD	1	2	2WU	NO	NO	1.35	18	*	405	27	2.70	500	1,401	95	14,256	5,417	20	50	50	1.4	1	25.0
2023CPT.01.03.20581.1	Martin	7	SR 1510 REASON RD	SR 1595 JONES RD TO US 64	1	2	2WU	NO	NO	0.5	20	*	150	10	1.00	400	535	37	5,867	2,229	20			0.5		
2023CPT.01.03.20581.1	Martin	8	SR 1519 BENNETT RD	SR 1510 REASON RD TO EOP	1	2	2WU	NO	NO	0.5	20	*	150	10	1.00	100	535	37	5,867	2,229	20			0.5		
2023CPT.01.03.20581.1	Martin	9	SR 1576 HARDISON RD	DEAD END TO SR 1510 REASON RD	1	2	2WU	NO	NO	0.5	18	*	150	10	1.00	100	490	34	5,280	2,006	10			0.5		
TOTAL FOR PROJ NO. 2023CPT.01.03.20581.1										4.59			1,377	92	9.18	1,300	4,640	319	49,644	18,863	128	100	100	4.6	2	50
GRAND TOTAL										18.15		1	5,445	363	36.30	2,200	19,227	1,326	207,810	78,965	705	225	200	18.2	9	100

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	WORK ZONE ADV/GEN WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMO PAVEMENT MARKING CHARACTER, 90 MILS (RXR)	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (16")	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING CHARACTER (MSG RXR)	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) WHITE	GENERIC PAVEMENT MARKING ITEM, THERMO HOT SPRAY LINES (4" 55 MILS) YELLOW	THERMO PAVEMENT MARKING LINES, (16", 90 MILS)	THERMO PAVEMENT MARKING LINES (24", 90 MILS)
										MI	FT				SF	LS	EA	LF	LF	LF	LF	EA	LF
2023CPT.01.03.20081.1	Bertie	1	SR 1301 BULL HILL RD	SR 1303 HOGGARD MILL RD TO SR 1001 WAKELON RD	1	2	2WU	NO	NO	5.9	20	278	1		63,484	38,940				63,484	38,940		
2023CPT.01.03.20081.1	Bertie	2	SR 1518 MIDDLE TRACK RD	EOP TO SR 1500 WOODARD RD	1	2	2WU	NO	NO	4.47	20	246	*		48,097	29,502				48,097	29,502		
2023CPT.01.03.20081.1	Bertie	3	SR 1518 BLANCHARDS RD	SR 1500 WOODARD RD TO EOP	1	2	2WU	NO	NO	0.8	18	80	*		8,608	5,280				8,608	5,280		
2023CPT.01.03.20081.1	Bertie	4	SR 1519 MORNING RD	SR 1518 MIDDLE TRACK RD TO SR 1500 WOODARD RD	1	2	2WU	NO	NO	2.39	20	150	*		25,716	15,774				25,716	15,774		
TOTAL FOR PROJ NO. 2023CPT.01.03.20081.1										13.56		754			145,905	89,496				145,905	89,496		
															235,401		235,401						
2023CPT.01.03.20581.1	Martin	5	SR 1411 CAMPBELL HILL RD	SR 1409 SPRING GREEN RD TO NC 125	1	2	2WU	NO	NO	1.74	18	80	*		18,722	11,484				18,722	11,484		
2023CPT.01.03.20581.1	Martin	6	SR 1510 TAR LANDING RD	SR 1514 FAIRVIEW CHURCH RD TO SR 1511 TAR LANDING RD	1	2	2WU	NO	NO	1.35	18	80	*		14,526	8,910				14,526	8,910		
2023CPT.01.03.20581.1	Martin	7	SR 1510 REASON RD	SR 1595 JONES RD TO US 64	1	2	2WU	NO	NO	0.5	20	80	*	4	5,380	3,300	200	200	4	5,380	3,300	200	200
2023CPT.01.03.20581.1	Martin	8	SR 1519 BENNETT RD	SR 1510 REASON RD TO EOP	1	2	2WU	NO	NO	0.5	20	80	*		5,380	3,300				5,380	3,300		
2023CPT.01.03.20581.1	Martin	9	SR 1576 HARDISON RD	DEAD END TO SR 1510 REASON RD	1	2	2WU	NO	NO	0.5	18	80	*		5,380	3,300				5,380	3,300		
TOTAL FOR PROJ NO. 2023CPT.01.03.20581.1										4.59		400		4	49,388	30,294	200	200	4	49,388	30,294	200	200
															79,682		79,682						
GRAND TOTAL										18.15		1,154	1	4	315,083	200	200	4	315,083	200	200		