





PROJECT REFERENCE NO.	SHEET NO.
DB00337	2A
000000	

PROP. APPROX.  $3\frac{1}{2}$ " ASPHALT CONCRETE SURFACE COURSE, TYPE S 9.5B, AT AN AVERAGE RATE OF 336.0 LBS. PER SQ. YD. IN TWO LAYERS

PROP. COMPOSITE PAVEMENT INTERLAYER - HIGH STRENGTH MATTING

## DRAWINGS NOT TO SCALE



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PAVEMENT SCHEDULE		
316" ACOHALT CONCOLTE SUDEACE O		58
E RATE OF 336.0 LBS. PER SQ. YD.	IN TWO LAYERS	,
		———
. 2" ASPHALT CONCRETE SURFACE COU	RSE,	
AT AN AVERAGE RATE OF 224.0 LBS.	PER SQ. YD.	
. 2 <sup>1</sup> /2" ASPHALT CONCRETE INTERMEDI	ATE_COURSE,	
, AI AN AVERAGE RATE OF 285.0 LBS	. PER SQ. YD.	
IIE PAVEMENT INTERLAYER - HIGH ST BE WIDTH OF THE BOADWAY	RENGTH MATTING	
AL WIDTH OF THE ROADWAT.		
ONSTRUCTION		
ILLING.		
H $3\frac{1}{2}$ " FOR THE ENTIRE WIDTH OF RO	ADWAY.	
H 2" FOR THE ENTIRE WIDTH OF ROAD	WAY.	
- GENERIC PAVING IIEM		
		——— I
1 01/ " TO DEMOVE 100 FOR THEFT		
H $2\nu_2$ IO REMOVE ABC FOR INFERMED	IAIE PLACEMENT.	
DRAWINGS NOT TO SCAL	.E	





DETAIL 1 BEGIN/END MAP TIE-IN

NOTE:





DETAIL 2 BRIDGE MILLING

NOTE:

1. MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 3 BRIDGE MILLING

NOTE:

1. INCLUDES MILLING FOR THE ENTIRE WIDTH OF THE BRIDGE WEARING SURFACE, AS DIRECTED BY THE ENGINEER.

# SHOULDER RECONSTRUCTION TYPICAL



### NOTE:

- SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
- 2.
- з. APPROVED DISPOSAL SITE.

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A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED. REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN





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< 5' - 10' Undisturbed buffer from ditchline, add BMP





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# SUMMARY OF QUANTITIES

	0													124500000-E	00000-Е 129700000-Е		133000000-E	149800000-E	151900000-E	1575000000-E	1	891000000-E	
PROJECT NO COUNTY MAP NO ROUT		ROUTE	DESCRIPTION	TYP NO	TYP NO LANES LANI TYPI		FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	HAULING NCDOT SUPPLIED SHOULDER MATERIAL	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTIO N	3.5" MILLING	2.5" MILLING	INCIDENTAL MILLING	INTERMEDIATE COURSE, 119.0B	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	GENERIC PAVING ITEM - COMPOSITE PVMT INTERLAYER - HIGH STRENGTH	GENERIC PAVING ITEM - FINE MILLING 2" DEPTH	GENERIC PAVING ITEM - STAMPED ASPHALT CROSSWALK S	
										МІ	FT	EA	TONS	SMI	SY	SY	SY	TONS	TONS	TONS	SY	SY	SY
2017CPT.02.21.10741.5	Pitt	1	NC 102	NC 11 TO VERNA AVENUE	1	2	2WU	NO	NO	0.448	44				12,700	6,300		900	2,500	193	11,500.00		
TOTAL FOR MAP NO. 1									0.448					12,700	6,300		900	2,500	193	11,500.00			
2017CPT.02.21.10741.5	Pitt	2	NC 102	VERNA AVENUE TO END OF C&G	2	2	2WU	NO	NO	1.156	30								3,050	183	25,105.00	26,655	810.00
TOTAL FO	OR MAP	NO. 2								1.156									3,050	183	25,105.00	26,655	810.00
2017CPT.02.21.10741.5	Pitt	3	NC 102	END OF C&G TO SWIFT CREEK BRIDGE #53	3	2	2WU	NO	NO	0.369	26	18	2	0.74			375		679	41			
TOTAL FO	OR MAP	NO. 3								0.369		18	2	0.74			375		679	41			
TOTAL FOR PROJ NO	D. 2017C	PT.02.21.107	41.5							1.973		18	2	0.74	12,700	6,300	375	900	6,229	417	36,605.00	26,655	810.00
																			-				-
GRAND TOTAL									1.973		18	2	0.74	12,700	6,300	375	900	6,229	417	36,605.00	26,655	810.00	
GRAND TOTAL																							

												2549000000-Е	258000000-E	259100000-E	0000000	0:05000000	261200000-E	264700000-E	283000000-N	284500000-N	600000000-E	5071010000-	6084000000-1	6117000000-N
PROJECT NO	COUNTY	MAP NC	ROUTE	DESCRIPTION	TYP NO	LANE	S LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	2'-6" CURB & GUTTER	CONCRETE VALLEY GUTTER	4" CONCRETE SIDEWALK	RETROFIT EXISTING CURB RAMP	T 5 WHEELCH AIR RAMPS FA	6" DRIVEWAYS	5" MONOLITHIC CONCRETE ISLANDS(SURFAC E MOUNTED) SV	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	TEMPORARY SILT FENCE	WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL
2017CPT.02.21.10741.5	Pitt	1	NC 102	NC 11 TO VERNA AVENUE	1	2	2WU	NO	NO	0.448	44	55		60	3	22			2	3				
TOTAL FO	OR MAP N	0.1								0.448		55		60	3	22			2	3				
2017CPT.02.21.10741.5	Pitt	2	NC 102	VERNA AVENUE TO END OF C&G	2	2	2WU	NO	NO	1.156	30	55	82		3	22								
TOTAL FO	OR MAP N	D. 2								1.156		55	82		3	22								
2017CPT.02.21.10741.5	Pitt	3	NC 102	END OF C&G TO SWIFT CREEK BRIDGE #53	3	2	2WU	NO	NO	0.369	26						150	77			250	100	0.46	1
TOTAL FO	OR MAP N	D. 3								0.369							150	77			250	100	0.46	1
TOTAL FOR PROLNC	). 2017CPT	02.21.10	741.5							1.973		110	82	60	6	44	150	77	2	3	250	100	0.46	1
	. 2017 01 1		/ 41.5																					
GRA										1.973		110	82	60	6	44	150	77	2	3	250	100	0.46	1
UNA	ID IOTAL																							

### 2'6" Curb & Gutter Remove/Replace

Location	Feet
10+94 -LT-	30
10+94 -RT-	15
20+65 -LT-	5
22+77 -LT-	5
28+35 -RT-	40
34+58 -LT-	5
43+55 -LT-	10
**Locations provided for informational purport	ses. To be

verified by the Engineer.

### Concrete Valley Gutter

Location	Feet									
26+51 -LT-	50									
26+69 -RT-	32									
**Locations provided for informational										

purposes. To be verified by the Engineer.

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# THERMOPLASTIC AND PAINT QUANTITIES

									441300000-E	445700000-N	451000000-N	468600000-Е	468800000-Е	469000	0000-E	469500000-E	469700000-E	470500000-E	471000000-E		472100000-E	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE LENGTH	WIDTH	WORK ZONE ADVANCE/GEN ERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 120 M WHITE THERMO	6" X 90 M WHITE THERMO	6" X 120 M WHITE THERMO	6" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 120 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG ONLY 120 M	THERMO MSG SCHOOL 120 M	THERMO RXR 120 M
							MI	FT	SF	LS	HR	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA
2017CPT.02.21.10741.5	Pitt	1	NC 102	NC 11 TO VERNA AVENUE	1	2	2WU 0.448	44	126	0.230	40			500	5,914	100	120		310	4	12	
TOTAL FO	R MAP N	D. 1					0.448		126	0.230	40			500	5,914	100	120		310	4	12	
2017CPT.02.21.10741.5	Pitt	2	NC 102	VERNA AVENUE TO END OF C&G	2	2	2WU 1.156	30	126	0.600	40	1,350		300	12,207	325		100	200			4
TOTAL FO	R MAP N	D. 2					1.156		126	0.600	40	1,350		300	12,207	325		100	200			4
2017CPT.02.21.10741.5	Pitt	3	NC 102	END OF C&G TO SWIFT CREEK BRIDGE #53	3	2	2WU 0.369	26	45	0.170			3,970		3,690				27			
TOTAL FO	R MAP N	<b>D.</b> 3	•				0.369		45	0			3,970		3,690				27			
	2047007	00.04.407	44 F				1.973		297	1	80	1,350	3,970	800	21,811	425	120	100	537	4	12	4
TOTAL FOR PROJ NO.	2017CP1	.02.21.107	41.5											22,	611						20	
						•	· ·									•	•	•	•	•		
CRAN							1.973		297	1	80	1,350	3,970	800	21,811	425	120	100	537	4	12	4
GRAND TOTAL														22,	611						20	

												472500000-E			481000000-E	483000000-E	483500000-Е	484000	0000-N		484500000-N		490500000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	THERMO LT ARROW 90 M	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	4" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT MSG SCHOOL	PAINT MSG RXR	PAINT LT ARROW	PAINT RT ARROW	PAINT STR ARROW	SNOW PLOWABLE MARKERS
								МІ	FT	EA	EA	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	EA	EA
2017CPT.02.21.10741.5	Pitt	1	NC 102	NC 11 TO VERNA AVENUE	1	2	2WU	0.448	44	21	2	3	3	1	5,914		100	12		6	2	2	75
TOTAL FC	OR MAP N	0.1						0.448		21	2	3	3	1	5,914		100	12		6	2	2	75
2017CPT.02.21.10741.5	Pitt	2	NC 102	VERNA AVENUE TO END OF C&G	2	2	2WU	1.156	30	12			9		12,207	100	50		4				87
TOTAL FC	OR MAP N	0.2						1.156		12			9		12,207	100	50		4				87
				END OF C&G TO SWIFT CREEK																			
2017CPT.02.21.10741.5	Pitt	3	NC 102	BRIDGE #53	3	2	2WU	0.369	26														24
TOTAL FC	OR MAP N	0.3						0.369															24
	2017007	02 21 10	741 E					1.973		33	2	3	12	1	18,121	100	150	12	4	6	2	2	186
TOTAL FOR PROJ NO	. 2017CP1	.02.21.10	/41.5									51						1	L6		10		
GPAN								1.973		33	2	3	12	1	18,121	100	150	12	4	6	2	2	186
GRAND TOTAL					51									16				10					

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RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2 LANE ROADWAYS



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ROAD WORK G2	)-2 A	
	' X 24''	
NORTH GA		
	SURFACING ADVA	NCE
	ARNING SIGNS F	OR
	RBAN / SUBURBA	۹N
T MENT OF TRANSPORT	FACILITIES	
TRAFFIC		