

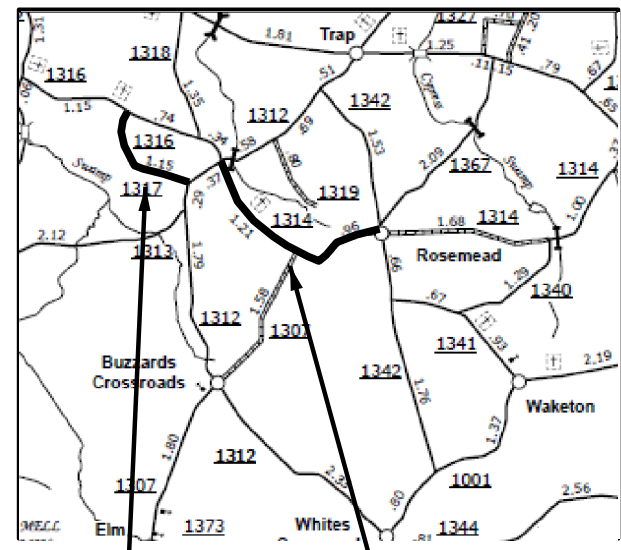
05/08/99

**CONTRACT NO.: DA00370 WBS ELEMENT: 2018CPT.01.01.20081.1, ETC.**

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**BERTIE COUNTY**

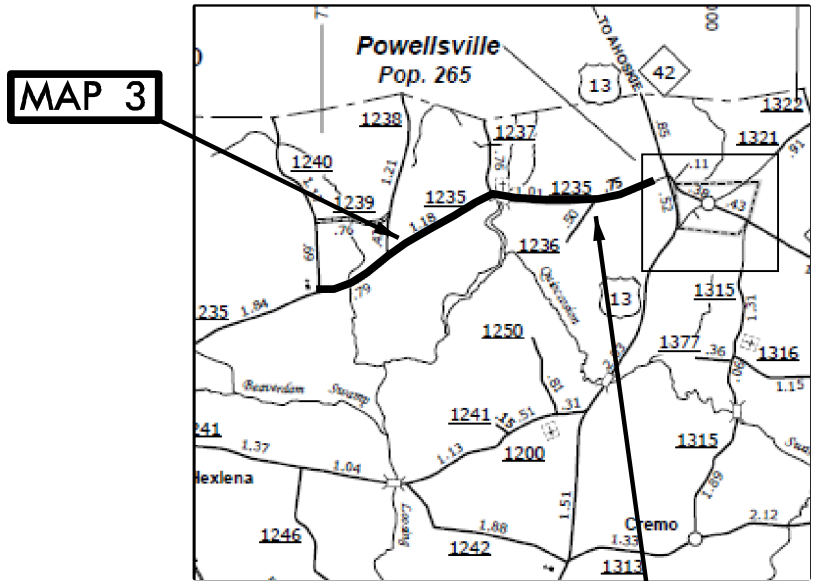
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.01.20081.1, ETC.	1	
STATE FUNDING	F.A.F.F. FUNDING	DESCRIPTION	
2018CPT.01.01.20081.1		MAPS 1 - 6	

**LOCATION:** MAP 1 SR 1317 FROM SR 1312 TO SR 1316  
 MAP 2 SR 1314 FROM SR 1342 TO SR 1312  
 MAP 3 SR 1235 FROM SR 1240 TO SR 1237  
 MAP 4 SR 1235 FROM SR 1237 TO US 13  
 MAP 5 SR 1108 FROM SR 1109 TO SR 1100  
 MAP 6 SR 1500 FROM SR 1518 TO APPROX. 2 MI SE  
**TYPE OF WORK: RESURFACING**



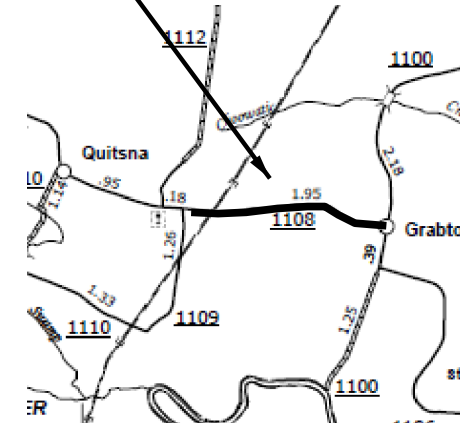
MAP 1

MAP 2

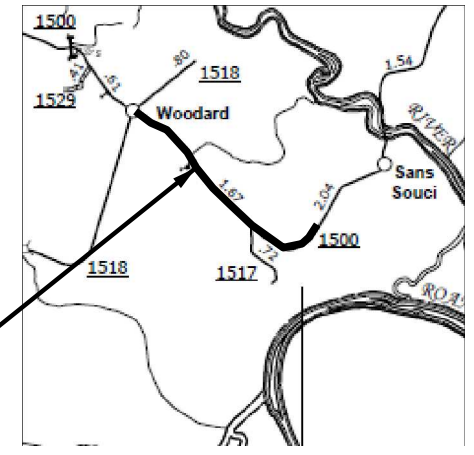


MAP 3

MAP 4



MAP 5



MAP 6

**NTS**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 1	= 1.15 MI.
LENGTH OF ROADWAY PROJECT MAP 2	= 2.14 MI.
LENGTH OF ROADWAY PROJECT MAP 3	= 1.95 MI.
LENGTH OF ROADWAY PROJECT MAP 4	= 1.74 MI.
LENGTH OF ROADWAY PROJECT MAP 5	= 1.95 MI.
LENGTH OF ROADWAY PROJECT MAP 6	= 2.02 MI.

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

2012 STANDARD SPECIFICATIONS

LETTING DATE: \_\_\_\_\_

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

C.E. SLACHTA  
 DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS**  
 STATE OF NORTH CAROLINA

05/20/09

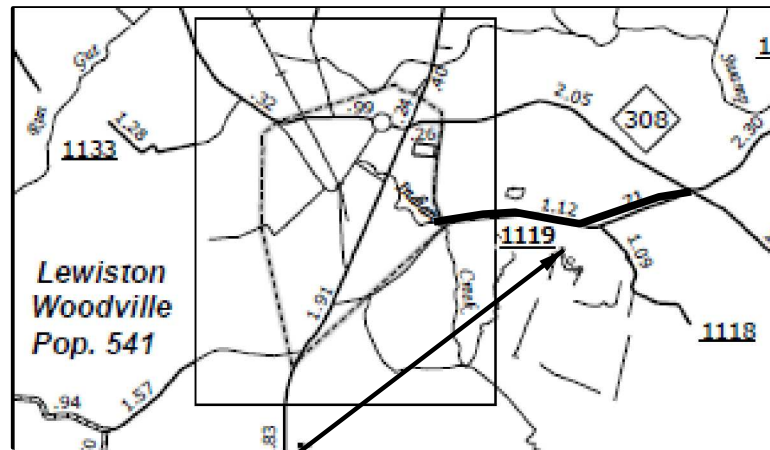
**CONTRACT NO. : DA00370 WBS ELEMENT: 2018CPT.01.01.20081.1, ETC.**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

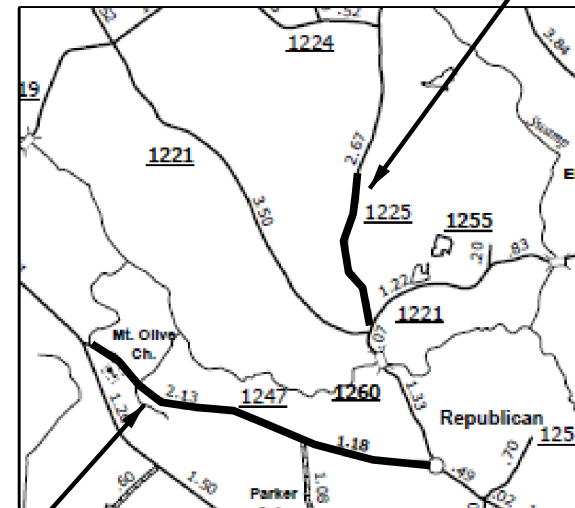
**BERTIE COUNTY**

**LOCATION:** MAP 7 SR 1119 FROM SR 1120 TO NC 308  
 MAP 8 SR 1225 FROM SR 1221 TO LANDFILL  
 MAP 9 SR 1247 FROM NC 308 TO SR 1260  
 MAP 10 SR 1348 FROM SR 1344 TO SR 1301  
 MAP 11 SR 1366 FROM SR 1001 TO MP 2  
 MAP 12 SR 1301 FROM SR 1355 TO SR 1346  
 MAP 13 SR 1365 FROM SR 1364 TO SR 1301  
 MAP 14 SR 1540 FROM SR NC 45 TO SR 1502  
**TYPE OF WORK: RESURFACING**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.01.20081.1, ETC.	2	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.01.20081.1		MAPS 7 - 14	

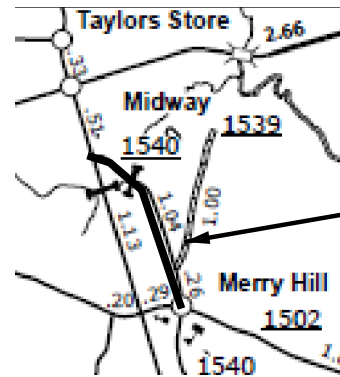


**MAP 7**

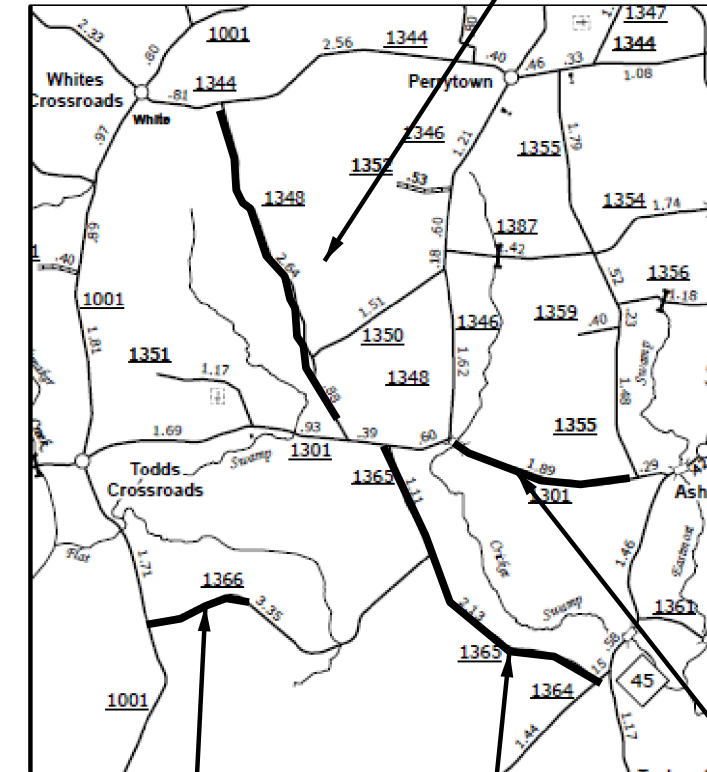


**MAP 8**

**MAP 9**



**MAP 14**



**MAP 10**

**MAP 11**

**MAP 13**

**MAP 12**

**NTS**

**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 7 = 1.83 MI.  
 LENGTH OF ROADWAY PROJECT MAP 8 = 1.15 MI.  
 LENGTH OF ROADWAY PROJECT MAP 9 = 3.31 MI.  
 LENGTH OF ROADWAY PROJECT MAP 10 = 3.48 MI.  
 LENGTH OF ROADWAY PROJECT MAP 11 = 1.30 MI.  
 LENGTH OF ROADWAY PROJECT MAP 12 = 1.90 MI.  
 LENGTH OF ROADWAY PROJECT MAP 13 = 3.24 MI.  
 LENGTH OF ROADWAY PROJECT MAP 14 = 1.30 MI.

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**DIVISION OF HIGHWAYS**  
113 Airport Dr., Edenton NC, 27932

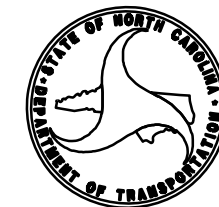
2012 STANDARD SPECIFICATIONS

LETTING DATE:

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

C.E. SLACHTA  
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

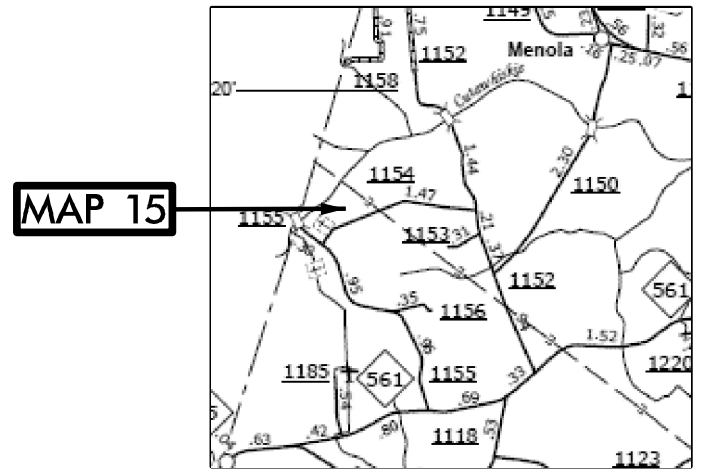


**CONTRACT NO.: DA00370 WBS ELEMENT: 2018CPT.01.01.20081.1, ETC.**

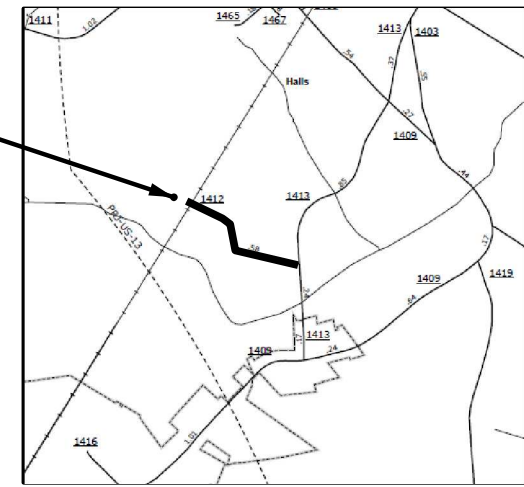
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**HERTFORD COUNTY**

**LOCATION:** MAP 15 SR 1154 FROM SR 1155 TO SR 1152  
 MAP 16 SR 1412 FROM SR 1413 TO END  
 MAP 17 SR 1432 FROM NC 561 TO SR 1427  
 MAP 18 SR 1427 FROM SR 1429 TO NC 45  
 MAP 19 SR 1174 FROM SR 1108 TO NC 461  
 MAP 20 SR 1112 FROM SR 1111 TO NC 11 BUS  
 MAP 21 SR 1178 FROM US 158 TO SR 1167  
 MAP 22 SR 1430 FROM SR 1432 TO END  
**TYPE OF WORK: RESURFACING**

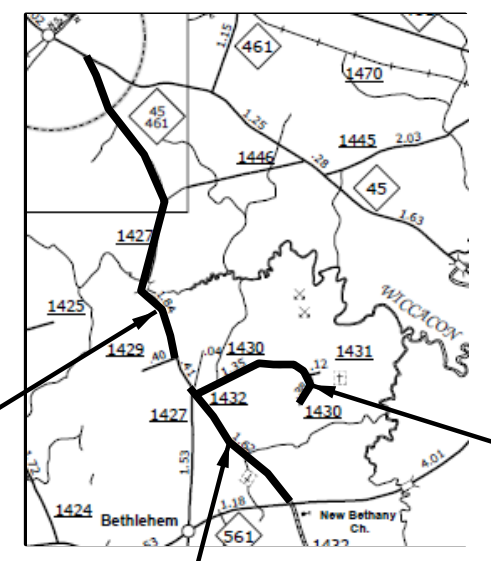
STATE	STATE PROJECT REFERENCED NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.01.20081.1, ETC.	<b>3</b>	
STATE PROJECT NO.	F.A. PROJECT NO.	DESCRIPTION	
2018CPT.01.01.20461.1		MAP 15 - 22	



**MAP 15**

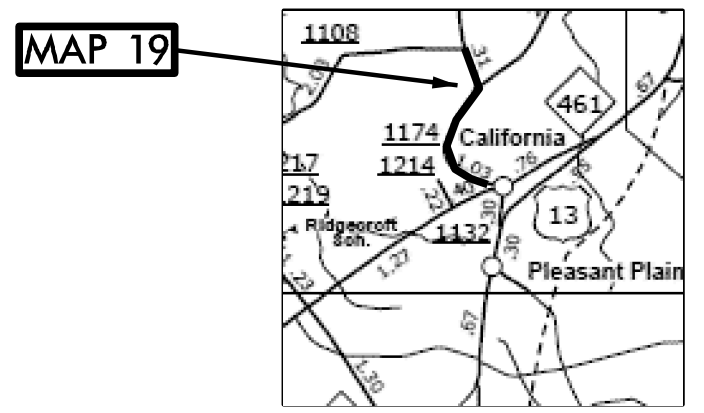


**MAP 16**

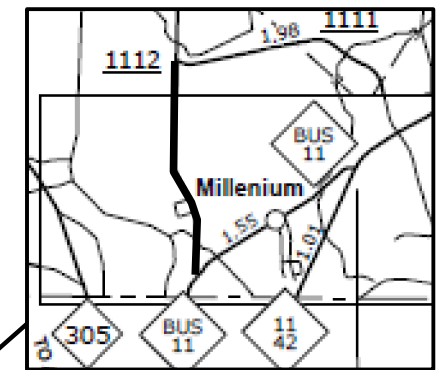


**MAP 17**

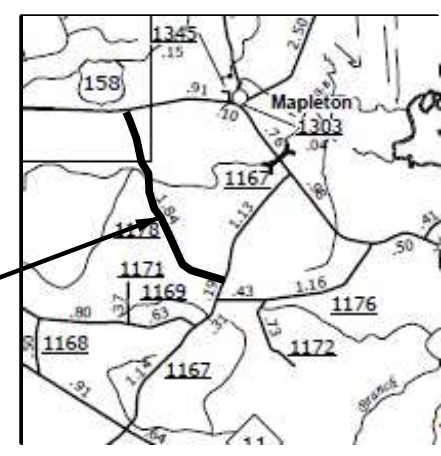
**MAP 18**



**MAP 19**



**MAP 20**



**MAP 21**



NTS

PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 15	= 1.43 MI.
LENGTH OF ROADWAY PROJECT MAP 16	= 0.55 MI.
LENGTH OF ROADWAY PROJECT MAP 17	= 1.69 MI.
LENGTH OF ROADWAY PROJECT MAP 18	= 3.64 MI.
LENGTH OF ROADWAY PROJECT MAP 19	= 1.35 MI.
LENGTH OF ROADWAY PROJECT MAP 20	= 1.51 MI.
LENGTH OF ROADWAY PROJECT MAP 21	= 1.79 MI.
LENGTH OF ROADWAY PROJECT MAP 22	= 1.47 MI.

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

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2012 STANDARD SPECIFICATIONS

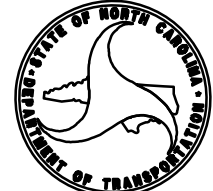
LETTING DATE: \_\_\_\_\_

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

---

C.E. SLACHTA  
DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA



05/08/15

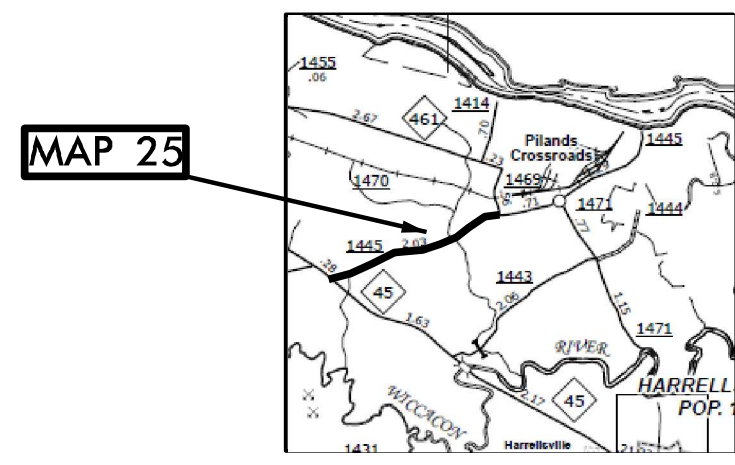
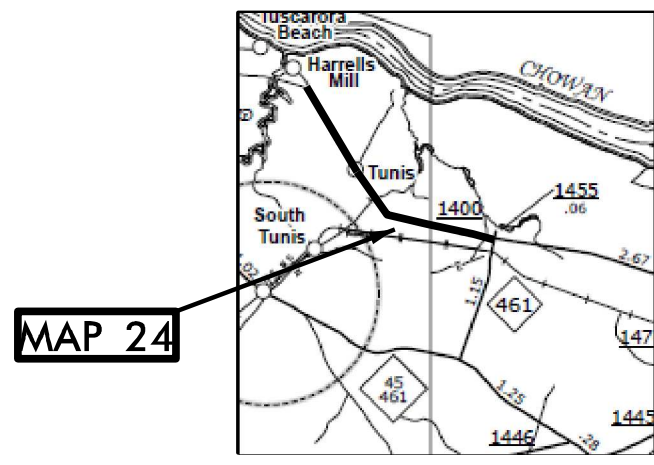
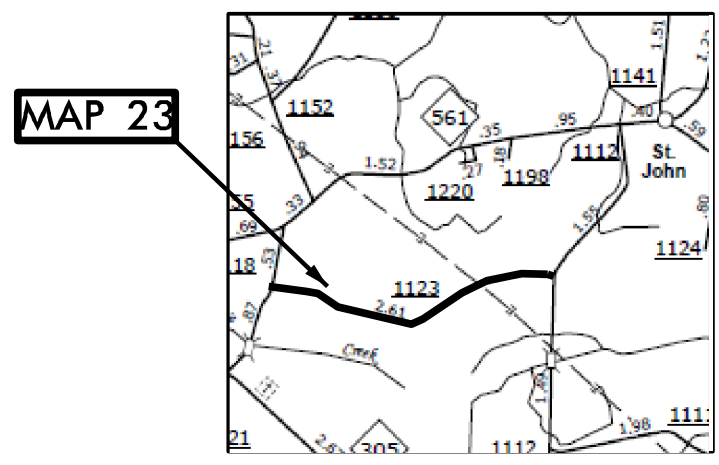
CONTRACT NO.: DA00370 WBS ELEMENT: 2018CPT.01.01.20081.1, ETC.

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS **HERTFORD COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.01.20081.1, ETC.	4	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.01.20461.1		MAP 23 - 25	

LOCATION: MAP 23 SR 1123 FROM SR 1118 TO SR 1112  
MAP 24 SR 1400 FROM NC 461 TO SR 1451  
MAP 25 SR 1445 FROM NC 45 TO SR 1469

TYPE OF WORK: RESURFACING



**NTS**

**PROJECT LENGTH**  
 LENGTH OF ROADWAY PROJECT MAP 23 = 2.61 MI.  
 LENGTH OF ROADWAY PROJECT MAP 24 = 2.29 MI.  
 LENGTH OF ROADWAY PROJECT MAP 25 = 2.01 MI.

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

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2012 STANDARD SPECIFICATIONS

LETTING DATE: \_\_\_\_\_

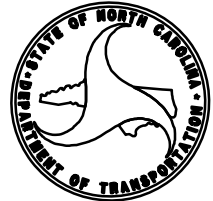
---

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

---

C.E. SLACHTA  
 DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA**



06/20/05

**CONTRACT NO.: DA00370 WBS ELEMENT: 2018CPT.01.01.20081.1, ETC.**

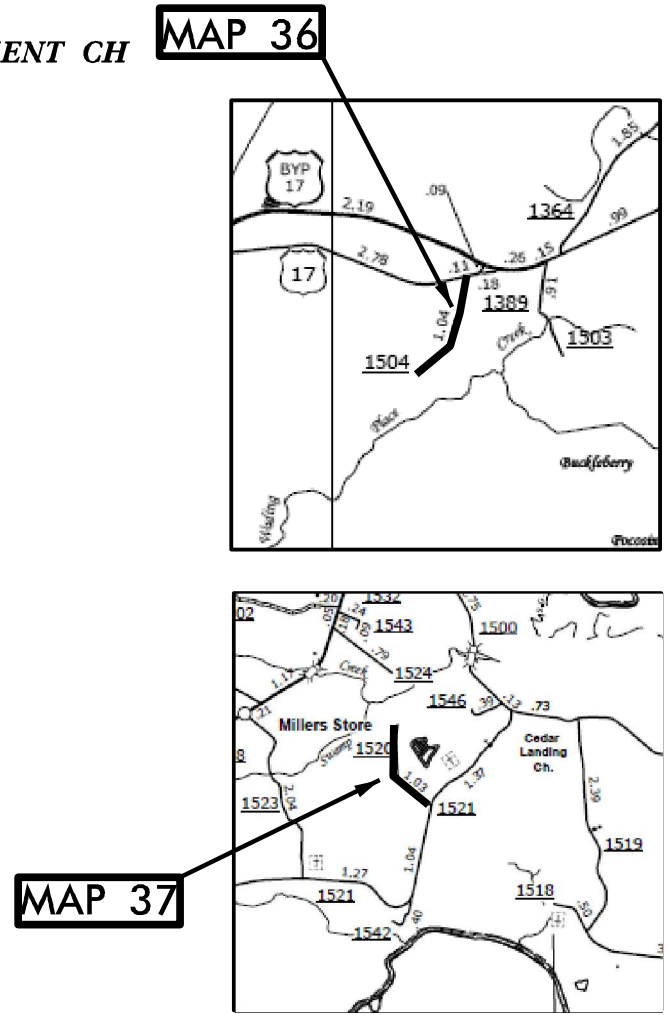
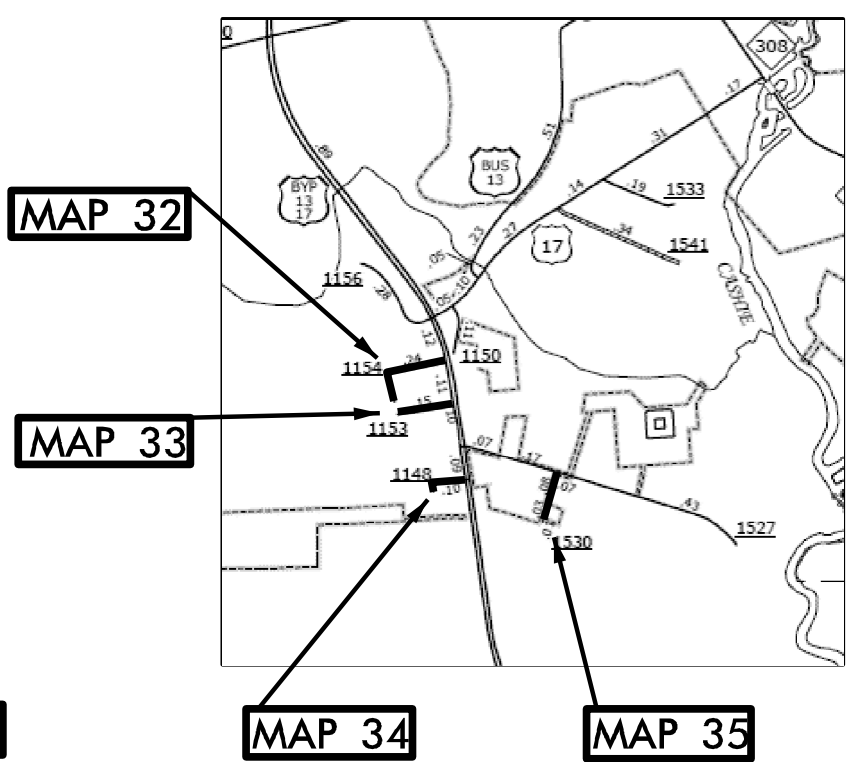
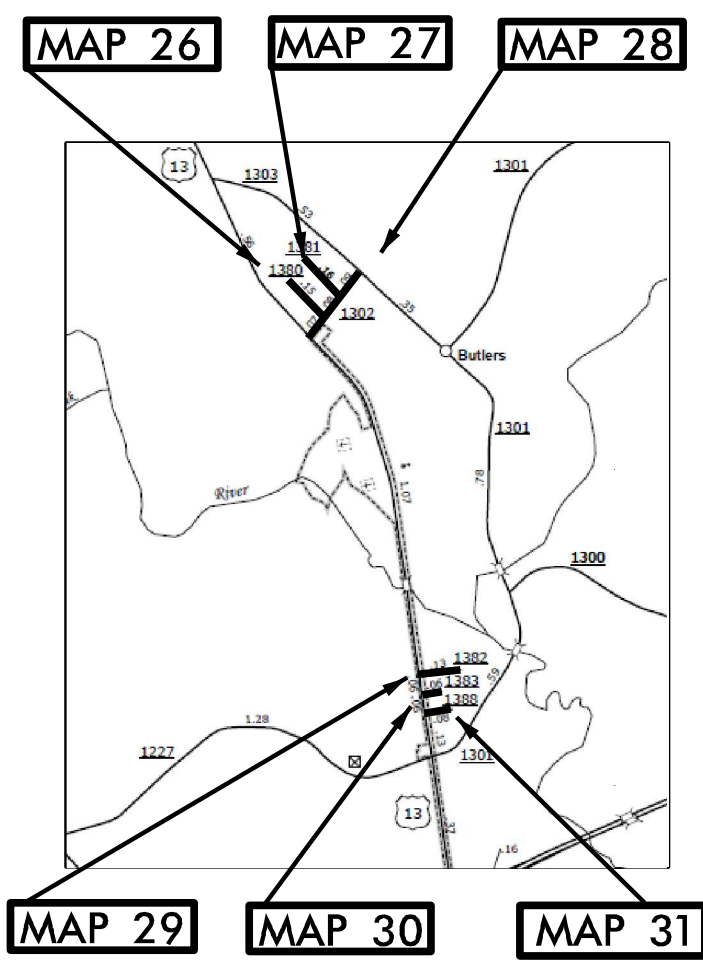
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**BERTIE COUNTY (THIN LIFT)**

**LOCATION:** MAP 26 SR 1380 FROM SR 1302 TO END  
 MAP 27 SR 1381 FROM SR 1302 TO END  
 MAP 28 SR 1302 FROM US 13 TO SR 1303  
 MAP 29 SR 1382 FROM US 13 TO END  
 MAP 30 SR 1383 FROM US 13 TO END  
 MAP 31 SR 1388 FROM US 13 TO END  
 MAP 32 SR 1154 FROM US 13/17 TO END  
 MAP 33 SR 1153 FROM US 13/17 TO END  
 MAP 34 SR 1148 FROM US 13/17 TO END  
 MAP 35 SR 1530 FROM SR 1527 TO END  
 MAP 36 SR 1504 FROM PAVEMENT CH TO PAVEMENT CH  
 MAP 37 SR 1520 FROM SR 1521 TO END

**TYPE OF WORK: RESURFACING (THIN LIFT)**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2018CPT.01.01.20081.1, ETC.	5	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2018CPT.01.01.20082.1		MAPS 26 - 37	



**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 26 = 0.20 MI.
LENGTH OF ROADWAY PROJECT MAP 27 = 0.20 MI.
LENGTH OF ROADWAY PROJECT MAP 28 = 0.30 MI.
LENGTH OF ROADWAY PROJECT MAP 29 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 30 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 31 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 32 = 0.30 MI.
LENGTH OF ROADWAY PROJECT MAP 33 = 0.20 MI.

LENGTH OF ROADWAY PROJECT MAP 34 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 35 = 0.20 MI.
LENGTH OF ROADWAY PROJECT MAP 36 = 0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 37 = 1.03 MI.

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

2012 STANDARD SPECIFICATIONS

LETTING DATE: \_\_\_\_\_

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

C.E. SLACHTA  
DIVISION PROPOSALS ENGINEER

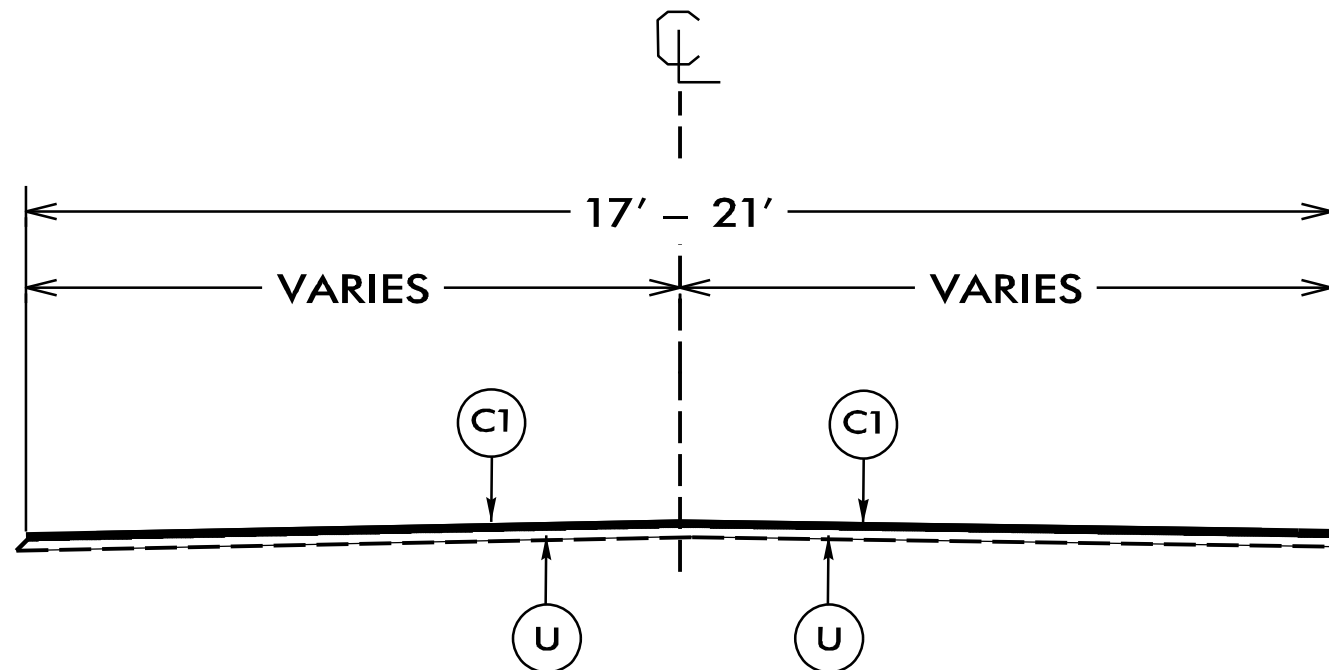
**DIVISION OF HIGHWAYS**  
STATE OF NORTH CAROLINA

P A V E M E N T   S C H E D U L E

C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS
- \*WARM MIX ASPHALT REQUIRED ON MAP 5 (SR 1108), MAP 6 (SR 1500), & MAP 12 (SR 1301).
- \*BRIDGE #33 ON MAP 12 (SR 1301) SHALL BE MILLED 1.25" AND RESURFACED WITH 1.25" OF ASPHALT.



**TYPICAL SECTION NO. 1**

**USE WITH MAPS 1-2, 5-7, 10-19 & 22-23**

NTS

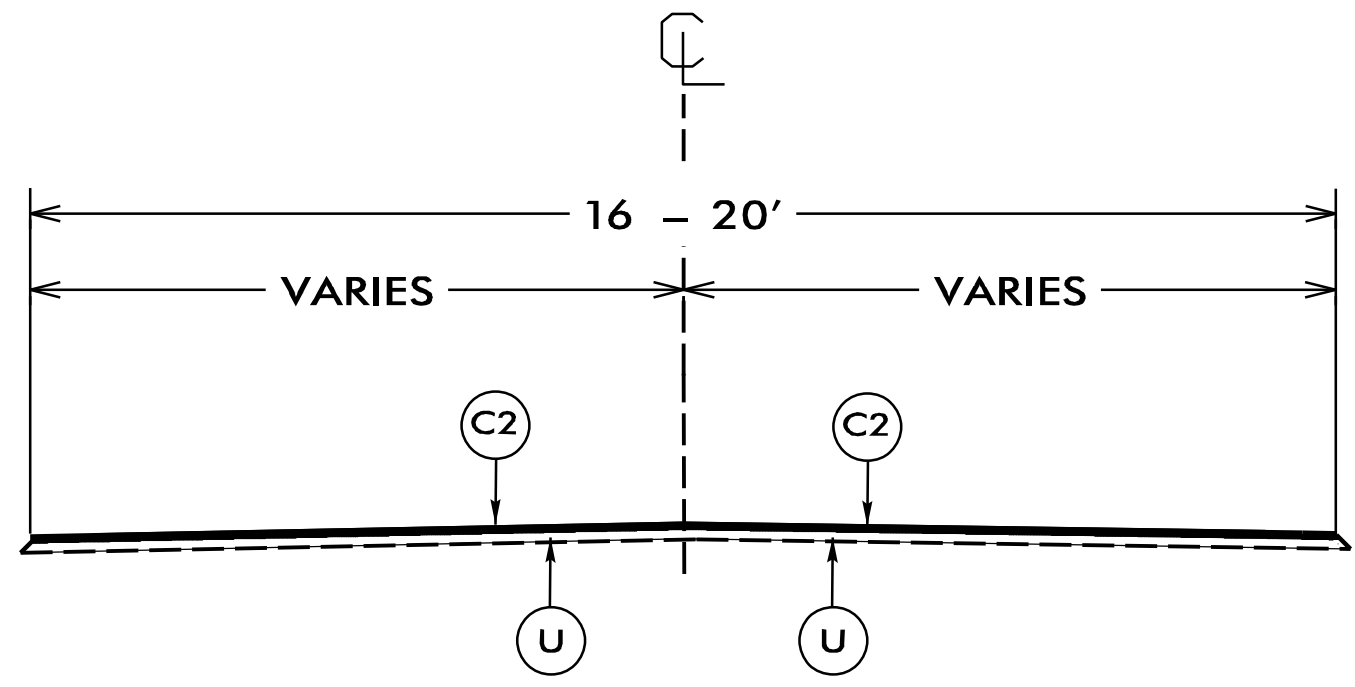
SYTIME 01/01/2018 10:00 AM

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

C2	PROP. APPROX. 0.75" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 85 LBS. PER SQ. YD.
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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS



**TYPICAL SECTION NO. 2**

USE WITH MAP 26-37

NTS

\$\$\$\$\$ TIME\$\$\$\$\$  
\$\$\$\$\$ ON\$\$\$\$\$  
\$\$\$\$\$ MA\$\$\$\$\$  
\$\$\$\$\$ ME\$\$\$\$\$  
\$\$\$\$\$ \$\$\$\$\$\$

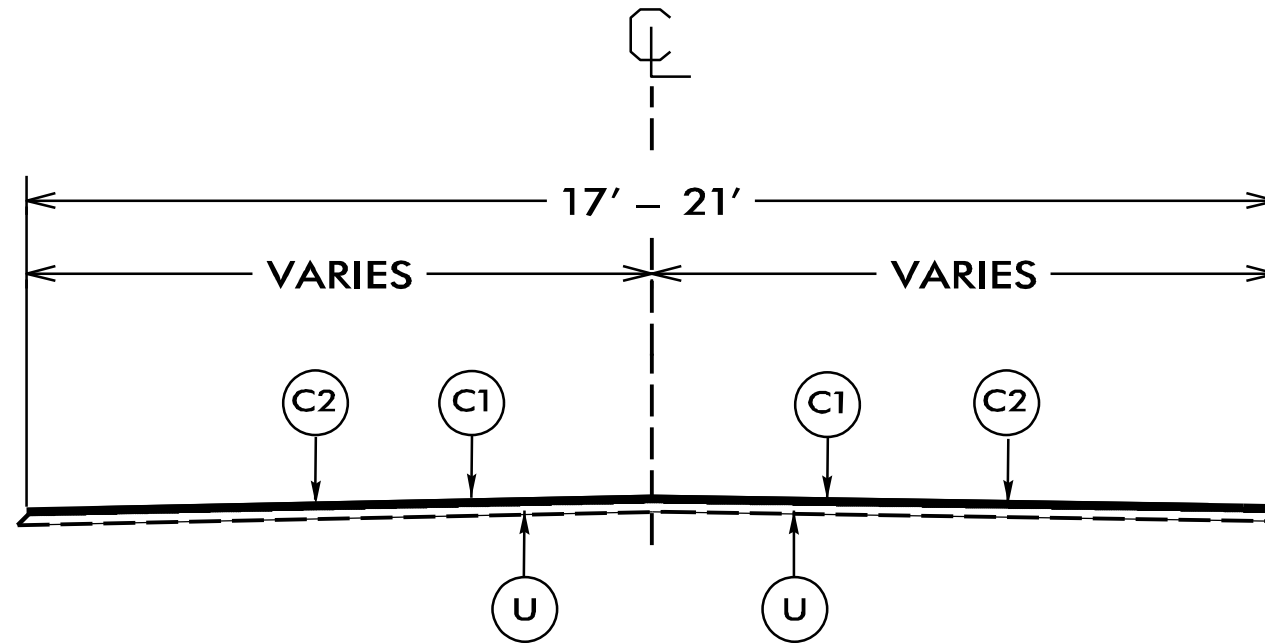
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
C2	PROP. ASPHALT SURFACE TREATMENT, SINGLE SEAL, AT AN APPLICATION RATE IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
2018CPT.01.01.20081.1, ETC.	8

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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS
- \*ASPHALT SURFACE TREATMENT, SINGLE SEAL, TO BE INSTALLED PRIOR TO RESURFACING WITH SF9.5A MIX.
- \*ASPHALT SURFACE TREATMENT SHALL BE ALLOWED TO SET UP FOR A MINIMUM 10 DAYS BEFORE ANY OTHER WORK CAN BE PERFORMED.
- \*ASPHALT SURFACE TREATMENT, SINGLE SEAL, CONSISTS OF ONE LAYER OF TREATMENT:  
 TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX. .32 +/- GAL/SY AND A LAYER OF 5/16 LW AGGREGATE AT A RATE OF 10 +/- LB/SY
- \*BRIDGE #20 ON MAP 3 (SR 1235) SHALL BE MILLED 1.25" AND RESURFACED WITH 1.25" OF ASPHALT. ASPHALT SURFACE TREATMENT WILL NOT BE PLACED ON THE BRIDGE DECK. ASPHALT SURFACE TREATMENT SHOULD TIE AT THE EXISTING JOINT ON EITHER SIDE OF THE BRIDGE.



**TYPICAL SECTION NO. 3**

USE WITH MAPS 3, 4, 20, 21, 24, & 25

NTS

\*\*\*\*\*SYTIME\*\*\*\*\*



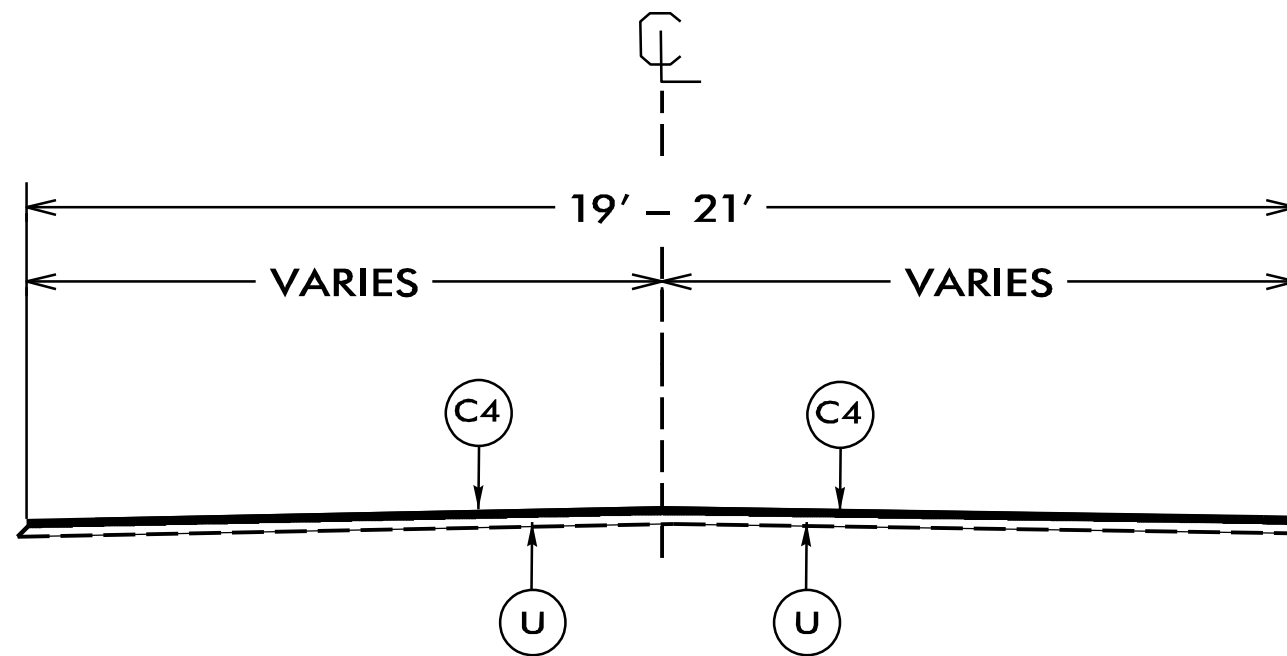
PAVEMENT SCHEDULE

C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
2018CPT.01.01.20081.1, ETC.	9

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 SUMMARY OF QUANTITIES
- \*SHOULDER RECONSTRUCTION TO BE PERFORMED BY OTHERS
- \*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS



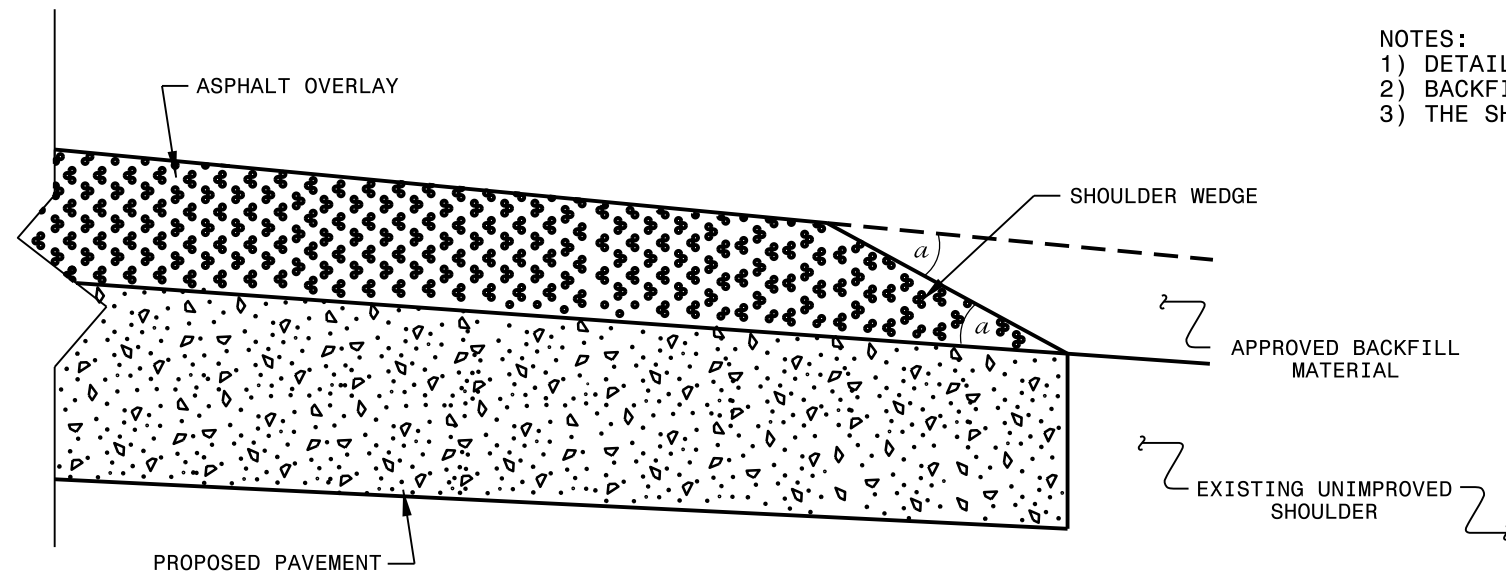
**TYPICAL SECTION NO. 4**

**USE WITH MAP 8-9**

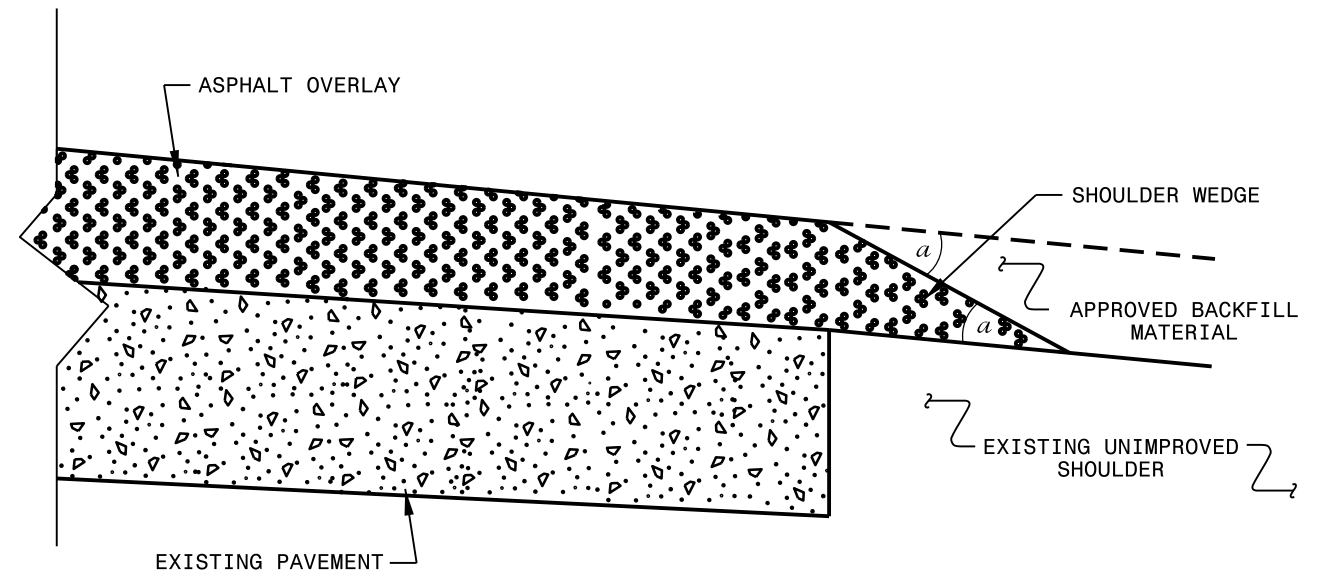
NTS

\*\*\*\*\*SYTIME\*\*\*\*\*  
\*\*\*\*\*CON\*\*\*\*\*

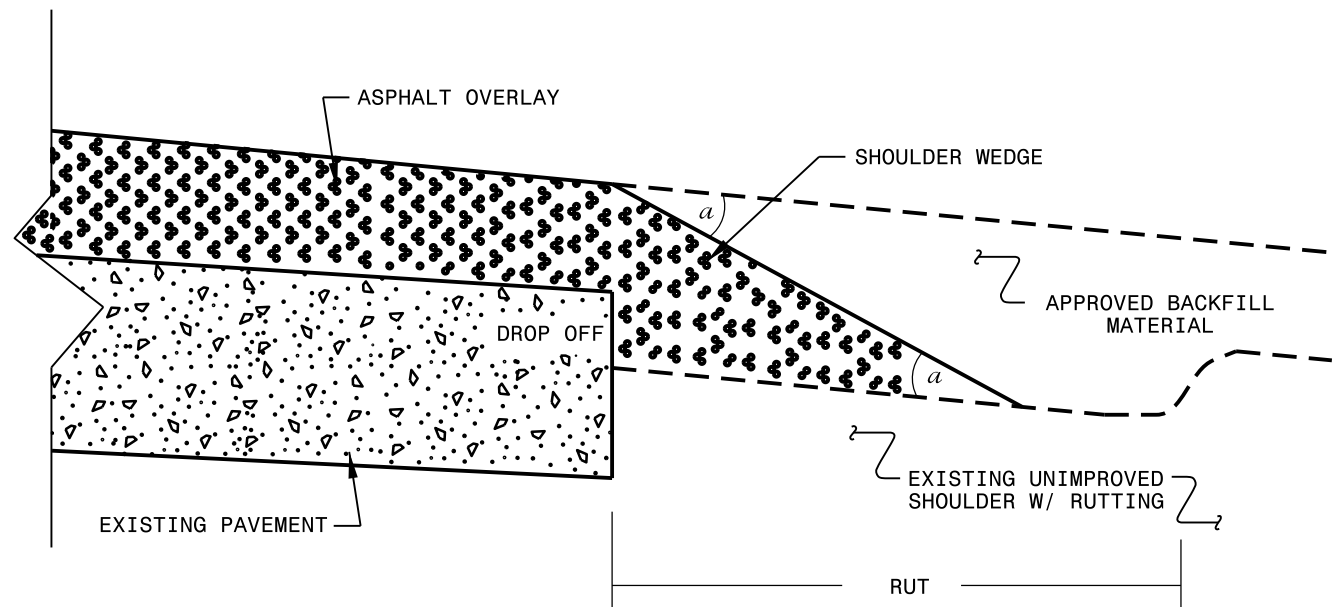
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**SHOULDER WEDGE DETAIL**  
(Resurfacing Projects w/ Widening or  
with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
(Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
(Resurfacing Adjacent to  
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>			
Office 919-707-6950		FAX 919-250-4119	
<b>SHOULDER WEDGE DETAILS</b>			
ORIGINAL BY: T.SPELL	DATE: 7-19-11	CHECKED BY:	DATE: 10/16/12
MODIFIED BY:	DATE:	CHECKED BY:	DATE:
FILE SPEC.: susr/details/stand/shoulderwedgedetail.dgn			

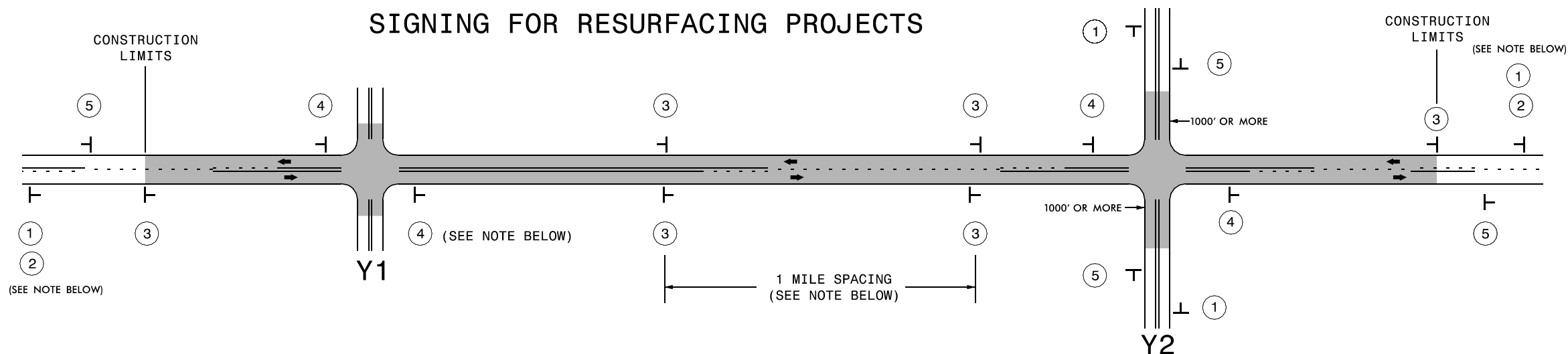
SYSTEMS DESIGN  
USER NAME

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.01.01.20081.1, ETC.	11	13

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	MATERIAL TRANSFER VEHICLE	LENGTH MI	WIDTH FT	MOBILIZATION LS	INCIDENTAL STONE BASE TONS	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TONS	SURFACE COURSE, S4.75A TONS	ASPHALT BINDER FOR PLANT MIX TONS	ASPHALT SURFACE TREATMENT SINGLE SEAL SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY TRAFFIC CONTROL LS	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF
2018CPT.01.01.20081.1	Bertie	1	SR 1317	FROM SR 1312 TO SR 1316	1	2	2WU	NO	NO	NO	1.15	20	1	8		960			64					1.00	96
2018CPT.01.01.20081.1	Bertie	2	SR 1314	FROM SR 1342 TO SR 1312	2	2	2WU	NO	NO	NO	2.14	19	*	14		1,707			114					*	96
2018CPT.01.01.20081.1	Bertie	3	SR 1235	FROM SR 1237 TO SR 1240	3	2	2WU	NO	NO	NO	1.95	20	*	35	620	1,649			110	23,000.00	7,500.00			*	200
2018CPT.01.01.20081.1	Bertie	4	SR 1235	FROM US 13 TO SR 1237	3	2	2WU	NO	NO	NO	1.74	20	*	35	620	1,474			99	20,500.00	6,700.00			*	200
2018CPT.01.01.20081.1	Bertie	5	SR 1108	FROM SR 1109 TO SR 1100	1	2	2WU	NO	YES	NO	1.95	20	*	35	200	1,649			110					*	200
2018CPT.01.01.20081.1	Bertie	6	SR 1500	FROM SR 1518 TO APPROX. 2 MI. SE	1	2	2WU	NO	YES	NO	2.02	20	*	35	200	1,708			114					*	200
2018CPT.01.01.20081.1	Bertie	7	SR 1119	FROM SR 1120 TO NC 308	1	2	2WU	NO	NO	NO	1.83	21	*	30		1,640			110					*	96
2018CPT.01.01.20081.1	Bertie	8	SR 1225	FROM SR 1221 TO LANDFILL	4	2	2WU	NO	NO	NO	1.15	20.5	*	8	200	1,192			72					*	96
2018CPT.01.01.20081.1	Bertie	9	SR 1247	FROM NC 308 TO SR 1260	4	2	2WU	NO	NO	NO	3.31	20	*	8	500	3,432			206					*	96
2018CPT.01.01.20081.1	Bertie	10	SR 1348	FROM SR 1350 TO SR 1301	1	2	2WU	NO	NO	NO	3.48	19	*	30		2,762			185					*	118
2018CPT.01.01.20081.1	Bertie	11	SR 1366	FROM MP 2 TO SR 1001	1	2	2WU	NO	NO	NO	1.3	20	*	15		1,059			71					*	80
2018CPT.01.01.20081.1	Bertie	12	SR 1301	FROM SR 1355 TO SR 1346	1	2	2WU	NO	YES	NO	1.9	20	*	15	240	1,547			104					*	80
2018CPT.01.01.20081.1	Bertie	13	SR 1365	FROM SR 1301 TO SR 1364	1	2	2WU	NO	NO	NO	3.24	20	*	100		2,639			177					*	80
2018CPT.01.01.20081.1	Bertie	14	SR 1540	FROM NC 45 TO SR 1502	1	2	2WU	NO	NO	NO	1.3	20	*	15		1,059			71					*	80
2018CPT.01.01.20461.1	Hertford	15	SR 1154	FROM SR 1152 TO SR 1155	1	2	2WU	NO	NO	NO	1.43	20	*	8		1,194			80					*	80
2018CPT.01.01.20461.1	Hertford	16	SR 1412	FROM SR 1413 TO END	1	2	2WU	NO	NO	NO	0.55	18	*	10		414			28					*	96
2018CPT.01.01.20461.1	Hertford	17	SR 1432	FROM NC 561 TO SR 1427	1	2	2WU	NO	NO	NO	1.69	19	*	20		1,367			92					*	96
2018CPT.01.01.20461.1	Hertford	18	SR 1427	FROM SR 1429 TO NC 45	1	2	2WU	NO	NO	NO	3.64	20	*	14	100	3,056			205					*	118
2018CPT.01.01.20461.1	Hertford	19	SR 1174	FROM SR 1108 TO NC 461	1	2	2WU	NO	NO	NO	1.35	19	*	15		1,097			74					*	96
2018CPT.01.01.20461.1	Hertford	20	SR 1112	FROM SR 1111 TO NC 11 BUS	3	2	2WU	NO	NO	NO	1.51	20	*	45		1,271			85	17,800.00	5,800.00			*	118
2018CPT.01.01.20461.1	Hertford	21	SR 1178	FROM SR 1167 TO US 158	3	2	2WU	NO	NO	NO	1.79	20	*	16		1,495			100	21,100.00	6,900.00			*	118
2018CPT.01.01.20461.1	Hertford	22	SR 1430	FROM SR 1432 TO END	1	2	2WU	NO	NO	NO	1.47	20	*	8		1,228			82					*	80
2018CPT.01.01.20461.1	Hertford	23	SR 1123	FROM SR 1118 TO SR 1112	1	2	2WU	NO	NO	NO	2.61	20	*	8		2,180			146					*	80
2018CPT.01.01.20461.1	Hertford	24	SR 1400	FROM NC 461 TO SR 1451	3	2	2WU	NO	NO	NO	2.29	20	*	8		1,913			128	29,600.00	9,700.00			*	80
2018CPT.01.01.20461.1	Hertford	25	SR 1445	FROM NC 45 TO SR 1469	3	2	2WU	NO	NO	NO	2.01	20	*	8		1,679			112	24,800.00	8,000.00			*	80
2018CPT.01.01.20082.1	Bertie	26	SR 1380	FROM SR 1302 TO END	2	2	2WU	NO	NO	NO	0.2	20	*	4				93	6					*	32
2018CPT.01.01.20082.1	Bertie	27	SR 1381	FROM SR 1302 TO END	2	2	2WU	NO	NO	NO	0.2	20	*	4				93	6					*	32
2018CPT.01.01.20082.1	Bertie	28	SR 1302	FROM US 13 TO SR 1303	2	2	2WU	NO	NO	NO	0.3	20	*	4				139	9					*	32
2018CPT.01.01.20082.1	Bertie	29	SR 1382	FROM US 13 TO END	2	2	2WU	NO	NO	NO	0.1	20	*	4				46	3					*	32
2018CPT.01.01.20082.1	Bertie	30	SR 1383	FROM US 13 TO END	2	2	2WU	NO	NO	NO	0.1	20	*	4				46	3					*	32
2018CPT.01.01.20082.1	Bertie	31	SR 1388	FROM US 13 TO END	2	2	2WU	NO	NO	NO	0.1	20	*	4				46	3					*	32
2018CPT.01.01.20082.1	Bertie	32	SR 1154	FROM US 13/17 TO END	2	2	2WU	NO	NO	NO	0.3	20	*	4				139	9			2		*	32
2018CPT.01.01.20082.1	Bertie	33	SR 1153	FROM US 13/17 TO END	2	2	2WU	NO	NO	NO	0.2	20	*	4				93	6			3	1	*	32
2018CPT.01.01.20082.1	Bertie	34	SR 1148	FROM US 13/17 TO END	2	2	2WU	NO	NO	NO	0.1	20	*	4				46	3			2		*	32
2018CPT.01.01.20082.1	Bertie	35	SR 1530	FROM SR 1527 TO END	2	2	2WU	NO	NO	NO	0.2	20	*	4				93	6					*	32
2018CPT.01.01.20082.1	Bertie	36	SR 1504	FROM PMT CH TO PMT CH	2	2	2WU	NO	NO	NO	0.1	20	*	4				46	3					*	32
2018CPT.01.01.20082.1	Bertie	37	SR 1520	FROM SR 1521 TO DE	2	2	2WU	NO	NO	NO	1.03	20	*	4				477	32					*	32
<b>GRAND TOTAL</b>											<b>51.73</b>			<b>591</b>	<b>2680</b>	<b>4624</b>	<b>36747</b>	<b>1357</b>	<b>2828</b>	<b>136800</b>	<b>44600</b>	<b>7</b>	<b>1</b>	<b>1.00</b>	<b>3,144</b>

## SIGNING FOR RESURFACING PROJECTS

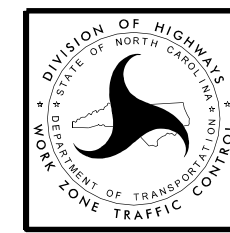


LEGEND	
┃	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

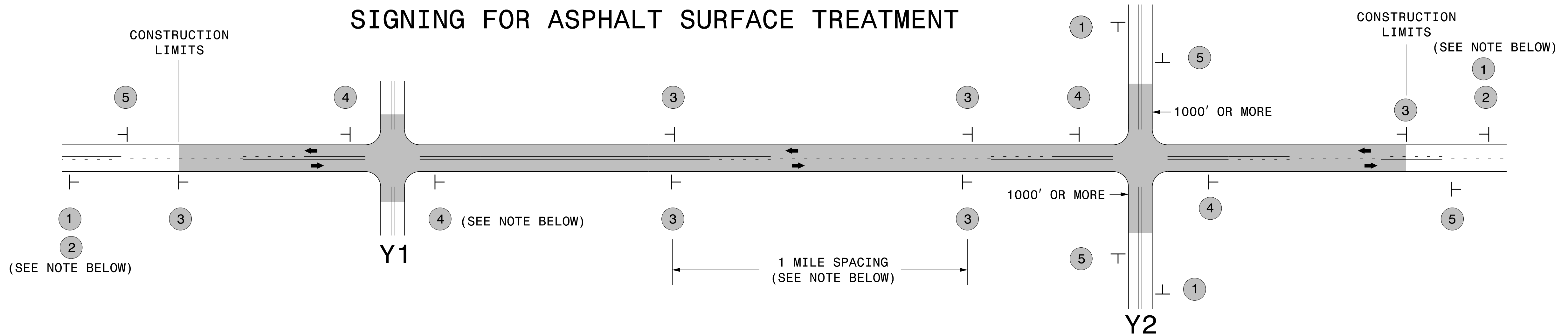
SIGNING NOTES AND PLACEMENT PER DIRECTION		
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">①</div> <div style="border: 1px solid black; padding: 2px;">②</div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> </div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p> </div> </div>	<p style="text-align: center;"><b>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p style="text-align: center; font-size: small;">WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around; align-items: center; margin: 10px 0;"> </div> <p style="text-align: center; font-size: small;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
③	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p> </div> </div>	
④	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> </div> </div>	
⑤	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> <p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p> </div> </div>	



**RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS**

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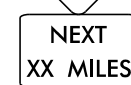



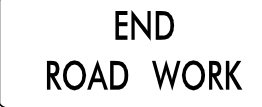
## SIGNING FOR ASPHALT SURFACE TREATMENT



LEGEND	
┆	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING


### -Y- LINE SIGNING


SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>
	 	<p>ALTERNATE THE FOLLOWING TWO SIGNS:</p> <p>STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</p> <p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>
		<p>THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>
		<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>

**NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:**

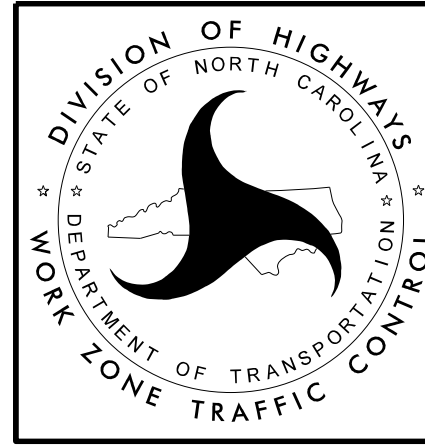
- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

  
W20-1  
48" X 48"

  
W20-7 A  
48" X 48"

PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



**ADVANCE WARNING SIGNS FOR ASPHALT SURFACE TREATMENTS 2 LANE ROADWAYS**

12/22/2014 S:\TMU\WZTC\apps\work\zonegeneral\external\webpage\desres\resurfacing\resurfacing\advwarn\_2Ln - AST.dgn User:rmgarr