

09/08/2012

**CONTRACT: DA00286 WBS ELEMENT: 2016CPT.01.12.20212.1, ETC.**

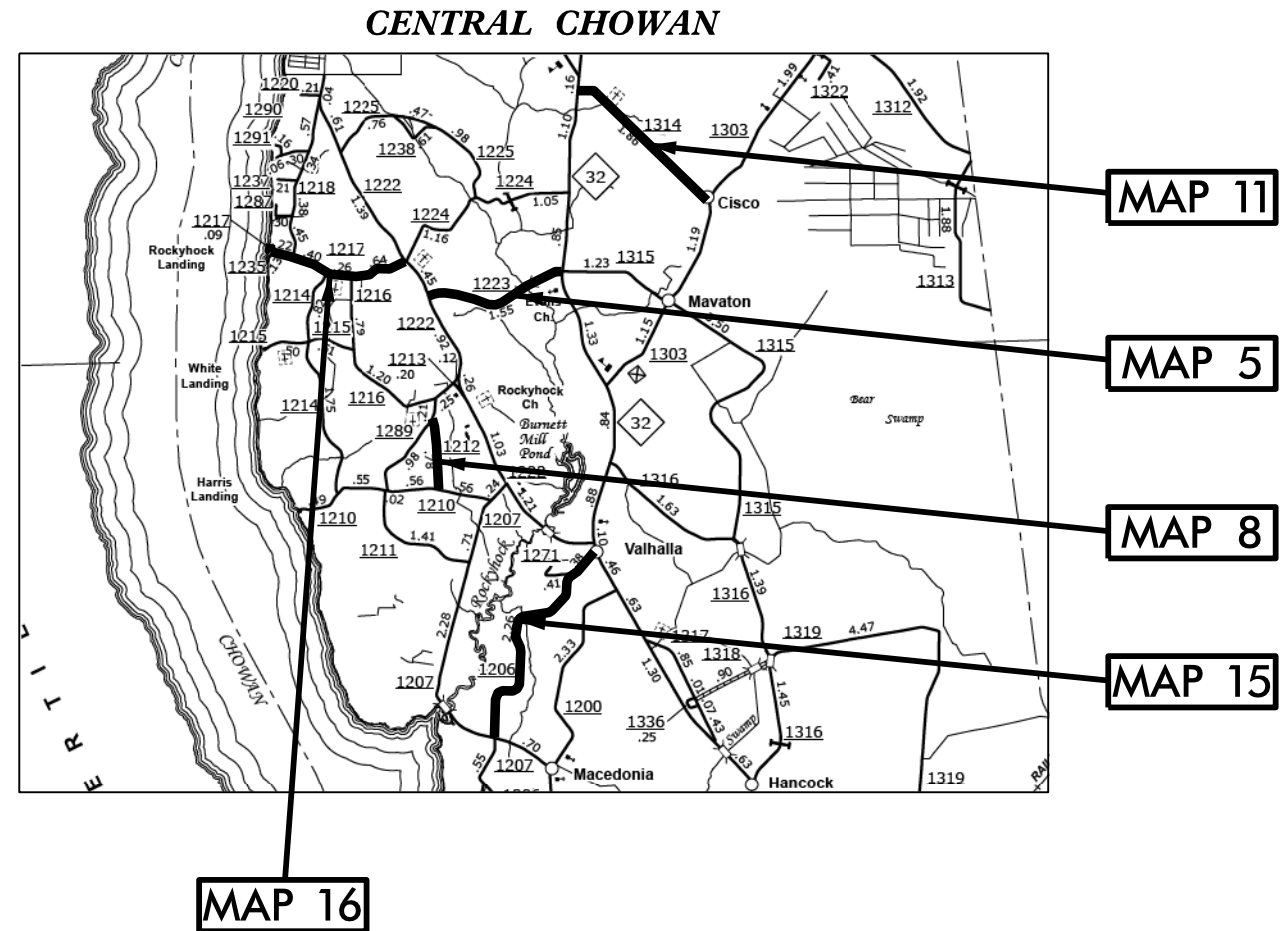
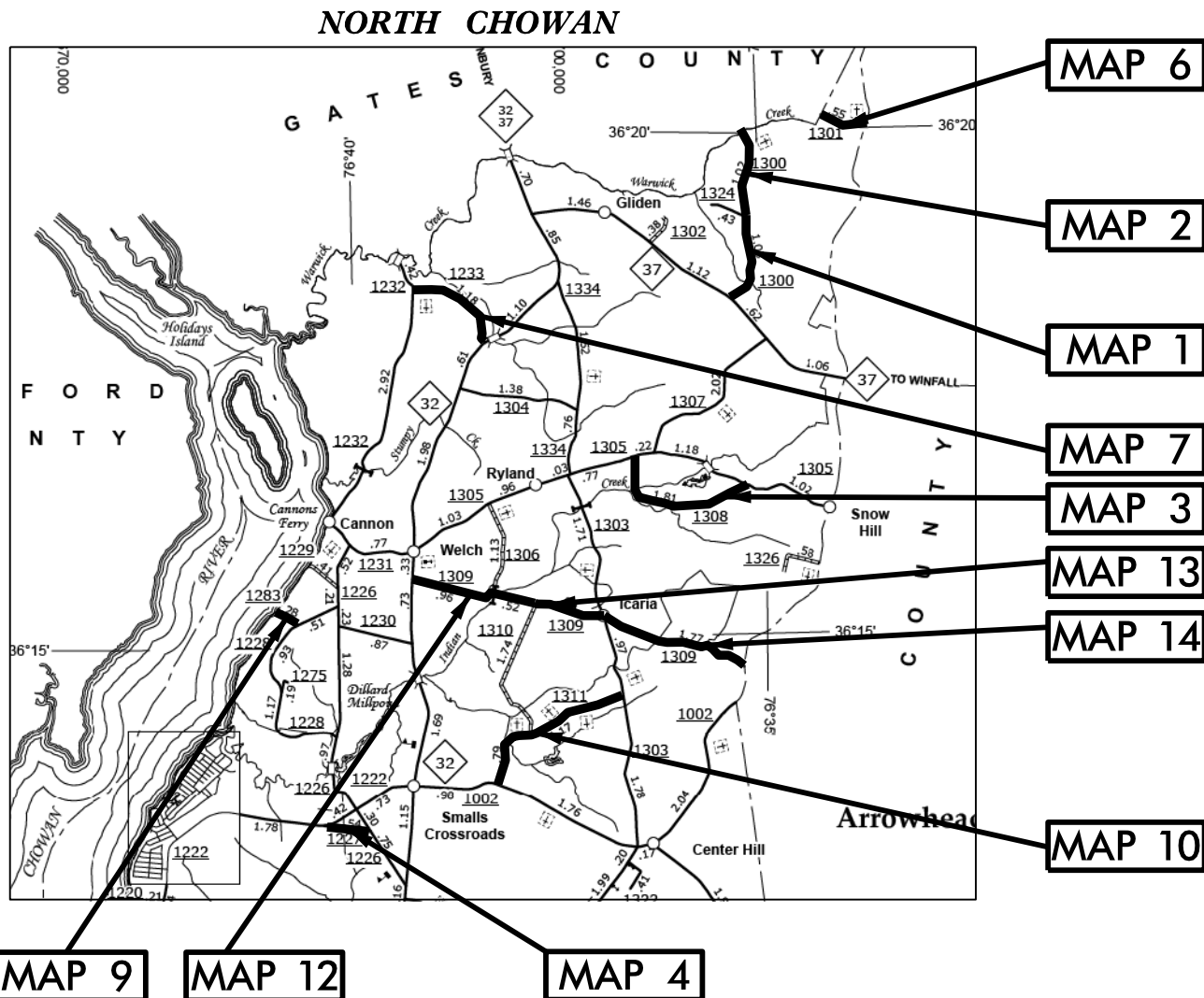
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**CHOWAN COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.12.20212.1, ETC.	1	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.12.20212.1		MAP 1	
2016CPT.01.12.20212.1		MAP 2	
2016CPT.01.12.20212.1		MAP 3	
2016CPT.01.12.20212.1		MAP 4	
2016CPT.01.12.20212.1		MAP 5	
2016CPT.01.12.20212.1		MAP 6	
2016CPT.01.12.20212.1		MAP 7	
2016CPT.01.12.20212.1		MAP 8	
2016CPT.01.12.20212.1		MAP 9	
2016CPT.01.12.20212.1		MAP 10	
2016CPT.01.12.20212.1		MAP 11	
2016CPT.01.12.20212.1		MAP 12	
2016CPT.01.12.20212.1		MAP 13	
2016CPT.01.12.20212.1		MAP 14	
2016CPT.01.12.20212.1		MAP 15	
2016CPT.01.12.20212.1		MAP 16	

**LOCATION:**  
 MAP 1 SR 1300 FROM NC 37 ALT TO SR 1324  
 MAP 2 SR 1300 FROM SR 1324 TO GATES CO.  
 MAP 3 SR 1308 FROM SR 1305 TO SR 1305  
 MAP 4 SR 1227 FROM SR 1226 TO SR 1222  
 MAP 5 SR 1223 FROM SR 1222 TO NC 32  
 MAP 6 SR 1301 FROM PERQ. CO. TO GATES CO.  
 MAP 7 SR 1233 FROM SR 1232 TO NC 32  
 MAP 8 SR 1212 FROM SR 1289 TO SR 1210

MAP 9 SR 1283 FROM SR 1228 TO PRIVATE RD  
 MAP 10 SR 1311 FROM SR 1303 TO SR 1002  
 MAP 11 SR 1314 FROM NC 32 TO SR 1303  
 MAP 12 SR 1309 FROM NC 32 TO SR 1310  
 MAP 13 SR 1309 FROM SR 1310 TO SR 1303  
 MAP 14 SR 1309 FROM SR 1303 TO SR 1002  
 MAP 15 SR 1206 FROM NC 32 TO SR 1207  
 MAP 16 SR 1217 FROM SR 1222 TO DEAD END



**TYPE OF WORK: ASPHALT SURFACE TREATMENT  
 DOUBLE SEAL, MAT & DOUBLE SEAL  
 NOT TO SCALE**

**PROJECT LENGTH**

LENGTH OF MAP 1 = 1.05 MI.
LENGTH OF MAP 2 = 1.02 MI.
LENGTH OF MAP 3 = 1.81 MI.
LENGTH OF MAP 4 = 0.54 MI.
LENGTH OF MAP 5 = 1.55 MI.
LENGTH OF MAP 6 = 0.55 MI.
LENGTH OF MAP 7 = 1.18 MI.
LENGTH OF MAP 8 = 0.78 MI.

**PROJECT LENGTH**

LENGTH OF MAP 9 = 0.28 MI.
LENGTH OF MAP 10 = 1.96 MI.
LENGTH OF MAP 11 = 1.86 MI.
LENGTH OF MAP 12 = 1.48 MI.
LENGTH OF MAP 13 = 0.80 MI.
LENGTH OF MAP 14 = 1.77 MI.
LENGTH OF MAP 15 = 2.64 MI.
LENGTH OF MAP 16 = 1.61 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**

09/08/09

**CONTRACT: DA00286 WBS ELEMENT: 2016CPT.01.12.20212.1, ETC.**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**GATES COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.12.20212.1, ETC.	2	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.12.20372.1		MAP 17	
2016CPT.01.12.20372.1		MAP 18	
2016CPT.01.12.20372.1		MAP 19	
2016CPT.01.12.20372.1		MAP 20	
2016CPT.01.12.20372.1		MAP 21	
2016CPT.01.12.20372.1		MAP 23	
2016CPT.01.12.20372.1		MAP 25	
2016CPT.01.12.20372.1		MAP 26	
2016CPT.01.12.20372.1		MAP 28	

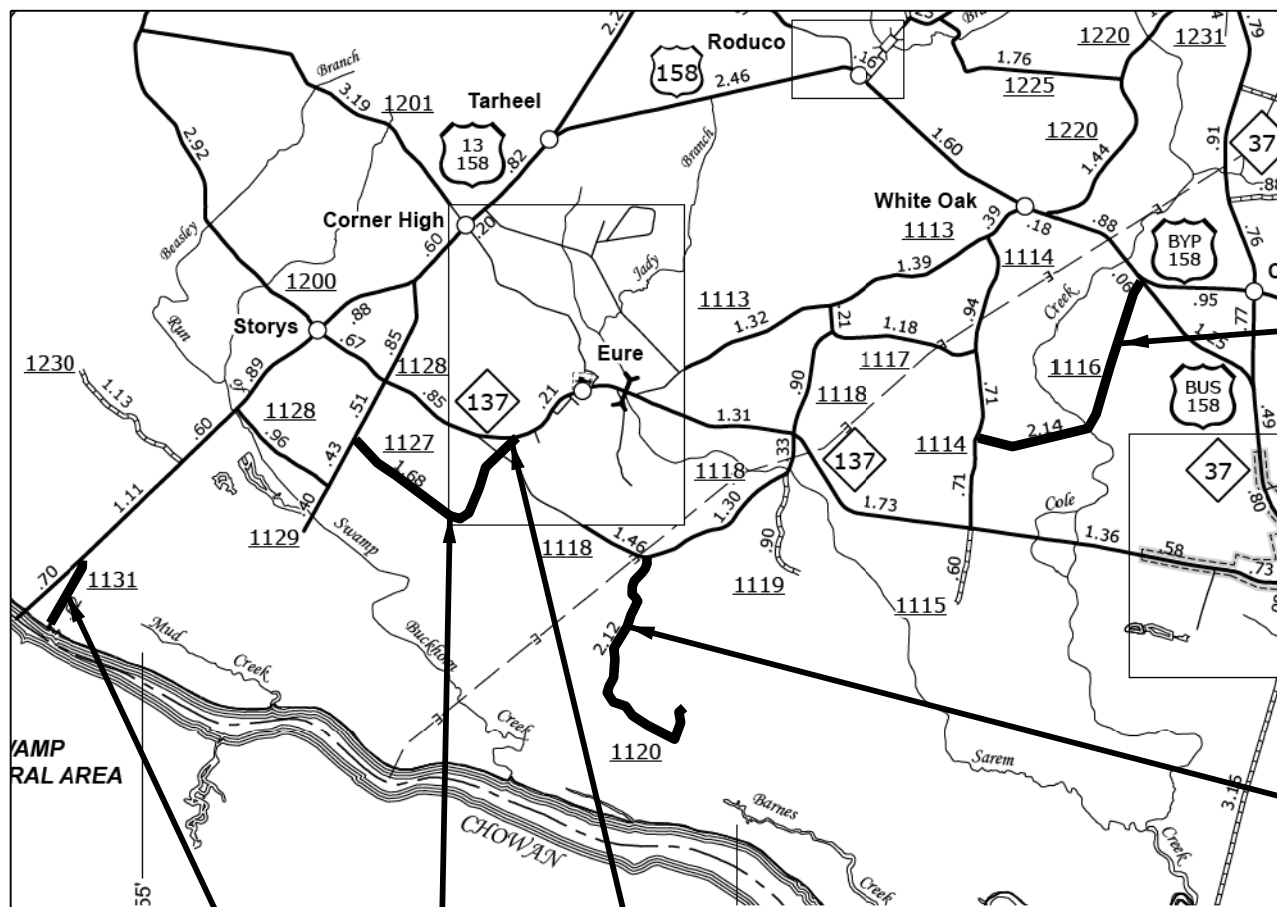
**LOCATION:** MAP 17 SR 1116 FROM US 158 TO SR 1114  
 MAP 18 SR 1101 FROM SR 1100 TO SR 1102  
 MAP 19 SR 1127 FROM NC 137 TO SR 1118  
 MAP 20 SR 1127 FROM SR 1118 TO SR 1128  
 MAP 21 SR 1131 FROM US 13 TO DEAD END

**LOCATION:** MAP 23 SR 1106 FROM SR 1100 TO NC 37  
 MAP 25 SR 1104 FROM NC 37 TO SR 1100  
 MAP 26 SR 1415 FROM NC 32 TO END PAV'T.  
 MAP 28 SR 1120 FROM SR 1118 TO DEAD END

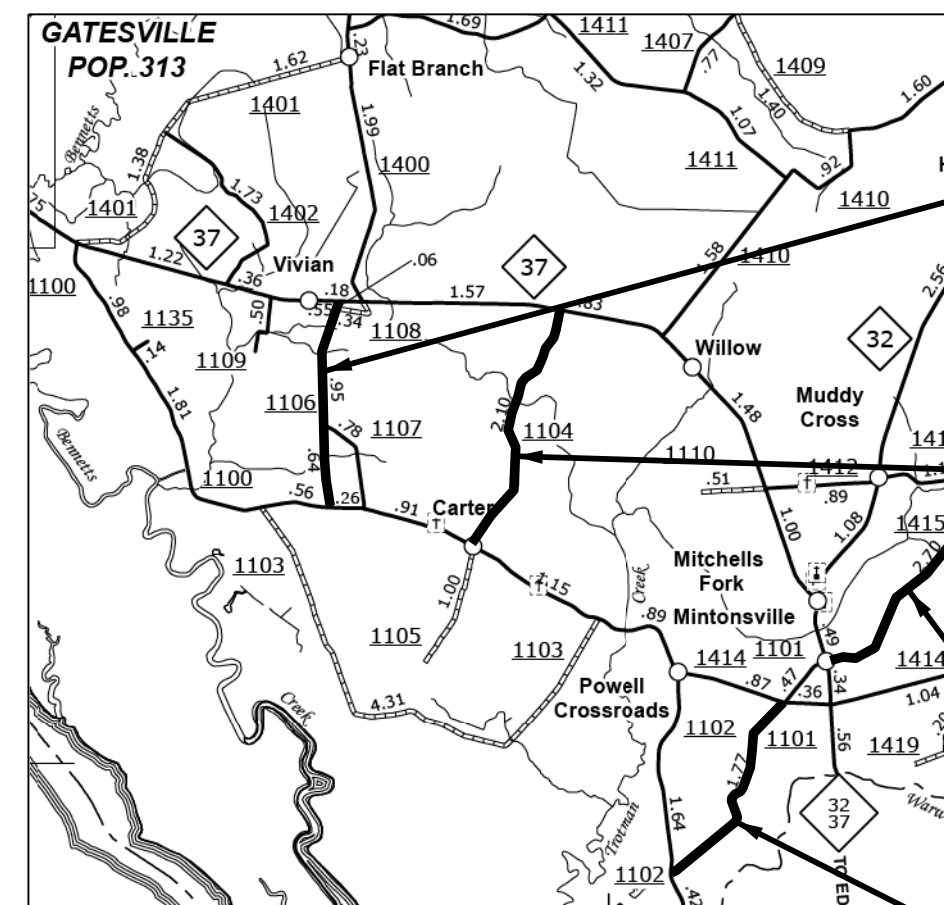


**TYPE OF WORK: ASPHALT SURFACE TREATMENT  
DOUBLE SEAL**

**SOUTHWEST GATES**



**SOUTHEAST GATES**



MAP 21   MAP 20   MAP 19

MAP 17

MAP 28

MAP 23

MAP 25

MAP 26

MAP 18

NOT TO SCALE

PROJECT LENGTH
LENGTH OF MAP 17 = 2.10 MI.
LENGTH OF MAP 18 = 1.80 MI.
LENGTH OF MAP 19 = 0.20 MI.
LENGTH OF MAP 20 = 1.68 MI.
LENGTH OF MAP 21 = 0.70 MI.

PROJECT LENGTH
LENGTH OF MAP 23 = 1.65 MI.
LENGTH OF MAP 25 = 2.10 MI.
LENGTH OF MAP 26 = 1.63 MI.
LENGTH OF MAP 28 = 2.10 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**

09/08/09

CONTRACT: DA00286 WBS ELEMENT: 2016CPT.01.12.20212.1, ETC.

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**GATES COUNTY**

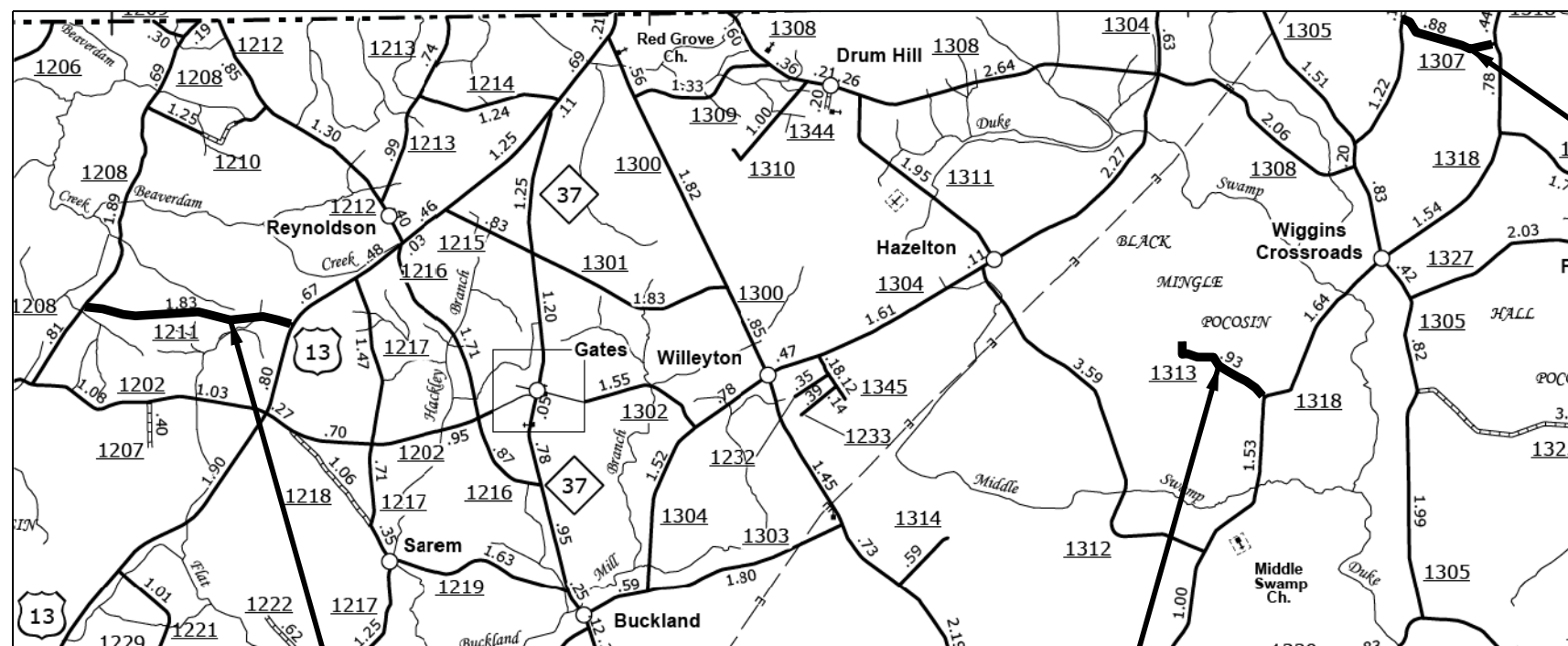
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.12.20212.1, ETC.	3	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.12.20372.1		MAP 22	
2016CPT.01.12.20372.1		MAP 24	
2016CPT.01.12.20372.1		MAP 27	



LOCATION: MAP 22 SR 1313 FROM SR 1318 TO DEAD END  
MAP 24 SR 1307 FROM SR 1306 TO SR 1318  
MAP 27 SR 1211 FROM US 13 TO SR 1208

TYPE OF WORK: ASPHALT SURFACE TREATMENT  
DOUBLE SEAL

**NORTH GATES**



MAP 24

MAP 22

MAP 27

NOT TO SCALE

**PROJECT LENGTH**

LENGTH OF MAP 22 = 0.76 MI.  
LENGTH OF MAP 24 = 0.90 MI.  
LENGTH OF MAP 27 = 1.83 MI.

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**

113 Airport Dr., Edenton NC, 27932

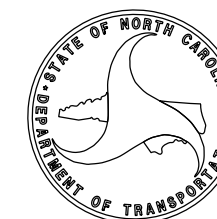
2012 STANDARD SPECIFICATIONS

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

C3	PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, AT AN APPLICATION RATE TO BE DETERMINED BY FIELD CONDITIONS IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS (SEE NOTES)
U	EXISTING PAVEMENT.

NOTES:

\*ALL PAVED S.R. ROADS TO BE TREATED TO THE ENDS OF THE RADII., OR AS DIRECTED BY THE ENGINEER

\*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS

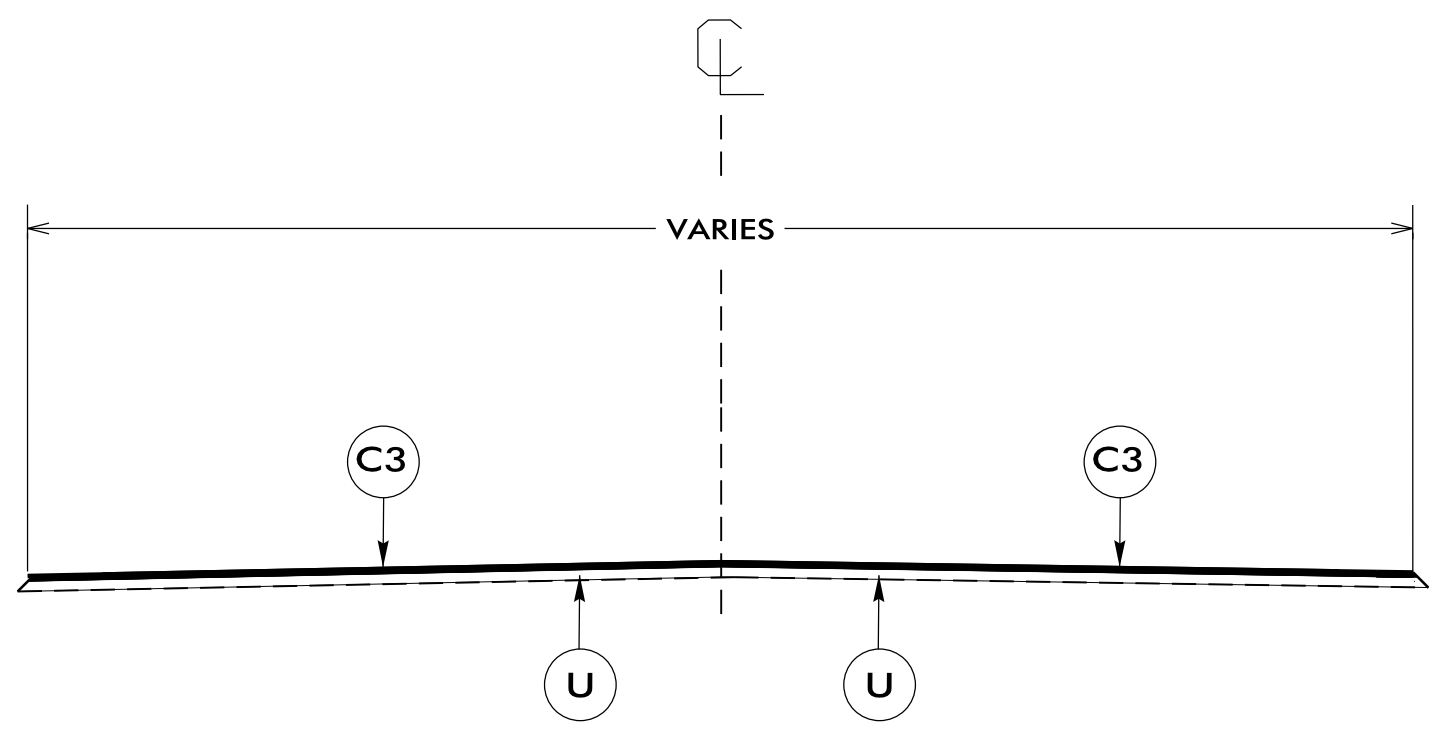
\*ASPHALT SURFACE TREATMENT, DOUBLE SEAL CONSISTS OF TWO LAYERS OF TREATMENT:

BOTTOM LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX 0.30 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 18 ± LBS/SY.

TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX 0.25 ± GAL/SY AND A LAYER OF: 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

OR #9 AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

OR CA-9 LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.



**TYPICAL SECTION NO. 1**

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**USE WITH MAPS 1 - 15, 17-28**

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 11/16/2015

NTS

NOTES:

\*ALL PAVED S.R. ROADS TO BE TREATED TO THE ENDS OF THE RADII.,  
OR AS DIRECTED BY THE ENGINEER

\*PAVEMENT MARKINGS TO BE PERFORMED BY OTHERS

\*ASPHALT SURFACE TREATMENT, MAT & DOUBLE SEAL CONSISTS OF THREE LAYERS OF TREATMENT:

MAT LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX  
0.40 ± GAL/SY AND A LAYER OF #67 AGGREGATE AT A RATE OF APPROX. 38 ± LBS/SY.

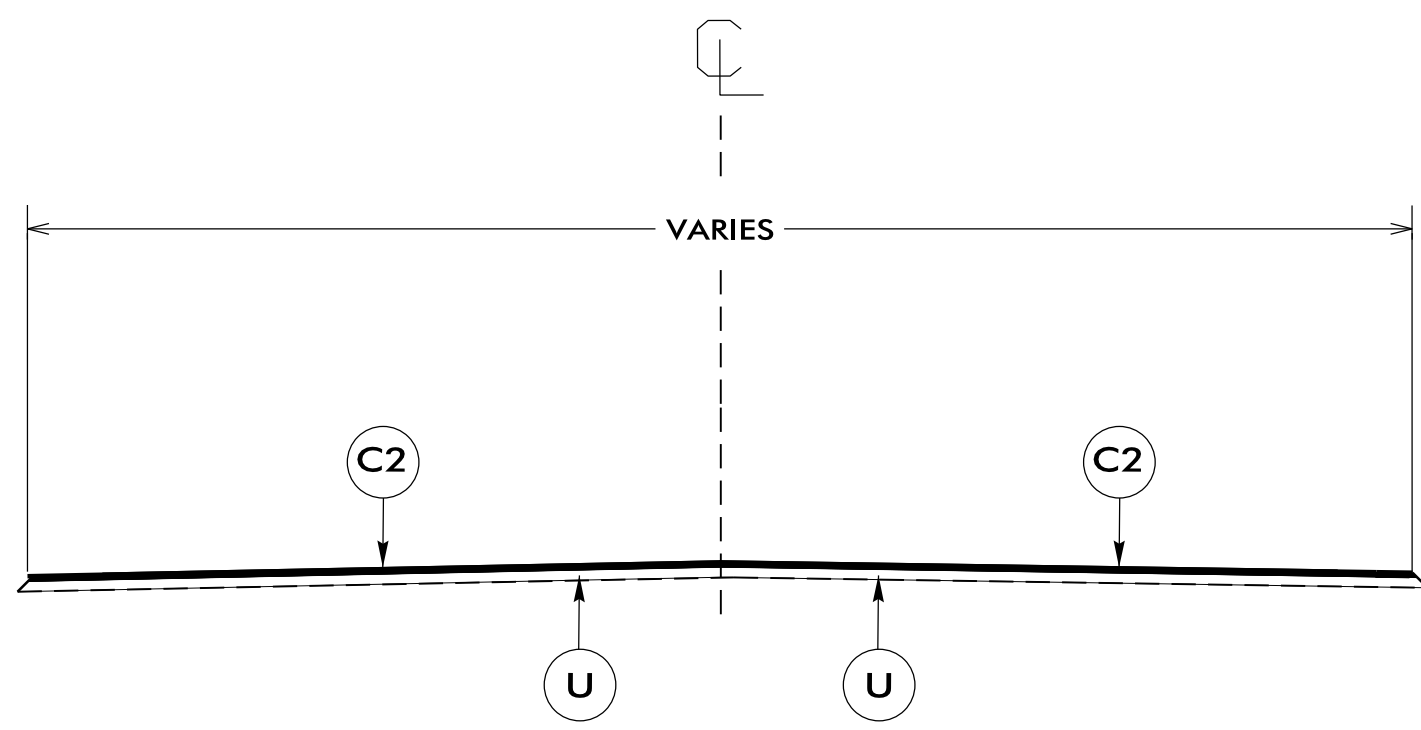
MIDDLE LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX  
0.25 ± GAL/SY AND A LAYER OF 78M AGGREGATE AT A RATE OF APPROX. 16 ± LBS/SY.

TOP LAYER CONSISTS OF EMULSIFIED ASPHALT, GRADE CRS-2L AT A RATE OF APPROX  
0.25 ± GAL/SY AND A LAYER OF 5/16" LIGHTWEIGHT AGGREGATE AT A RATE OF APPROX. 9± LBS/SY.

\*ALL AGGREGATE FOR MAT & DOUBLE SEAL WILL BE PROVIDED BY THE DEPARTMENT

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

C2	PROP. ASPHALT SURFACE TREATMENT, MAT & DOUBLE SEAL, AT AN APPLICATION RATE TO BE DETERMINED BY FIELD CONDITIONS IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS (SEE NOTES)
U	EXISTING PAVEMENT.



**TYPICAL SECTION NO. 1**

USE WITH MAP 16

17-FEB-2016 07:35 C:\Division Maintenance\ASST\_Contracts 16-17\Gates Chovan\DA00286\_psh.dgn

NTS

SHEET NO.	TOTAL NO.
6	7

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LENGTH MI	WIDTH FT	MOBILIZATION LS	ASPHALT SURFACE TREATMENT, DOUBLE SEAL SY	ASPHALT SURFACE TREATMENT, MAT & DOUBLE SEAL SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	TEMPORARY TRAFFIC CONTROL LS
2016CPT.01.12.20212.1	Chowan	1	SR 1300	FROM NC 37 TO SR 1324	1	2	1.05	16	1	9,856		6,012	1
2016CPT.01.12.20212.1	Chowan	2	SR 1300	FROM SR 1324 TO GATES CO. LINE	1	2	1.02	16	*	9,574		5,840	*
2016CPT.01.12.20212.1	Chowan	3	SR 1308	FROM SR 1305 TO SR 1305	1	2	1.81	20	*	21,237		11,680	*
2016CPT.01.12.20212.1	Chowan	4	SR 1227	FROM SR 1226 TO SR 1222	1	2	0.54	20	*	6,336		3,484	*
2016CPT.01.12.20212.1	Chowan	5	SR 1223	FROM SR 1222 TO NC 32	1	2	1.55	20	*	18,487		10,167	*
2016CPT.01.12.20212.1	Chowan	6	SR 1301	FROM PERQ. CO. LINE TO GATES CO. LINE	1	2	0.55	16	*	5,163		2,839	*
2016CPT.01.12.20212.1	Chowan	7	SR 1233	FROM SR 1232 TO NC 32	1	2	1.18	16	*	11,076		6,091	*
2016CPT.01.12.20212.1	Chowan	8	SR 1212	FROM SR 1289 TO SR 1210	1	2	0.78	20	*	9,152		5,033	*
2016CPT.01.12.20212.1	Chowan	9	SR 1283	FROM SR 1228 TO PRIVATE RD	1	2	0.28	18	*	3,232		1,777	*
2016CPT.01.12.20212.1	Chowan	10	SR 1311	FROM SR 1303 TO SR 1002	1	2	1.96	20	*	22,997		12,648	*
2016CPT.01.12.20212.1	Chowan	11	SR 1314	FROM NC 32 TO SR 1303	1	2	1.86	17	*	18,550		10,202	*
2016CPT.01.12.20212.1	Chowan	12	SR 1309	FROM SR NC 32 TO SR 1310	1	2	1.48	16	*	13,892		7,640	*
2016CPT.01.12.20212.1	Chowan	13	SR 1309	FROM SR 1310 TO SR 1303	1	2	0.8	16	*	7,509		4,130	*
2016CPT.01.12.20212.1	Chowan	14	SR 1309	FROM SR 1303 TO SR 1002	1	2	1.77	20	*	20,768		11,422	*
2016CPT.01.12.20212.1	Chowan	15	SR 1206	FROM NC 32 TO SR 1207	1	2	2.64	18	*	27,878		15,333	*
2016CPT.01.12.20212.1	Chowan	16	SR 1217	FROM SR 1222 TO DEAD END	2	2	1.61	20	*		20,293	27,395	*
2016CPT.01.12.20372.1	Gates	17	SR 1116	US158 TO SR1114	1	2	2.1	20	*	24,640		13,552	*
2016CPT.01.12.20372.1	Gates	18	SR 1101	SR1100 TO SR1102	1	2	1.8	18	*	19,008		10,454	*
2016CPT.01.12.20372.1	Gates	19	SR 1127	NC137 TO SR1118	1	2	0.2	18	*	2,112		1,162	*
2016CPT.01.12.20372.1	Gates	20	SR 1127	SR1118 TO SR1128	1	2	1.68	20	*	19,712		10,841	*
2016CPT.01.12.20372.1	Gates	21	SR 1131	US13 TO DEADEND	1	2	0.7	20	*	8,213		4,517	*
2016CPT.01.12.20372.1	Gates	22	SR 1313	SR1318 TO DEADEND	1	2	0.76	18	*	8,026		4,414	*
2016CPT.01.12.20372.1	Gates	23	SR 1106	SR1100 TO NC37	1	2	1.65	20	*	19,360		10,648	*
2016CPT.01.12.20372.1	Gates	24	SR 1307	SR1306 TO SR1318	1	2	0.9	20	*	10,560		5,808	*
2016CPT.01.12.20372.1	Gates	25	SR 1104	NC37 TO SR1100	1	2	2.1	18	*	22,176		12,197	*
2016CPT.01.12.20372.1	Gates	26	SR 1415	NC37 TO END PAVEMENT	1	2	1.63	20	*	19,125		10,519	*
2016CPT.01.12.20372.1	Gates	27	SR 1211	US13 TO SR1208	1	2	1.83	20	*	21,472		11,809	*
2016CPT.01.12.20372.1	Gates	28	SR 1120	SR1118 TO DEADEND	1	2	2.1	18	*	22,176		12,197	*
<b>GRAND TOTAL</b>							<b>38.33</b>		<b>1</b>	<b>402,287</b>	<b>20,293</b>	<b>249,811</b>	<b>1</b>

