

05/08/99

WBS ELEMENT: 2016CPT.01.10.20662.1

CONTRACT NO.: DA00291

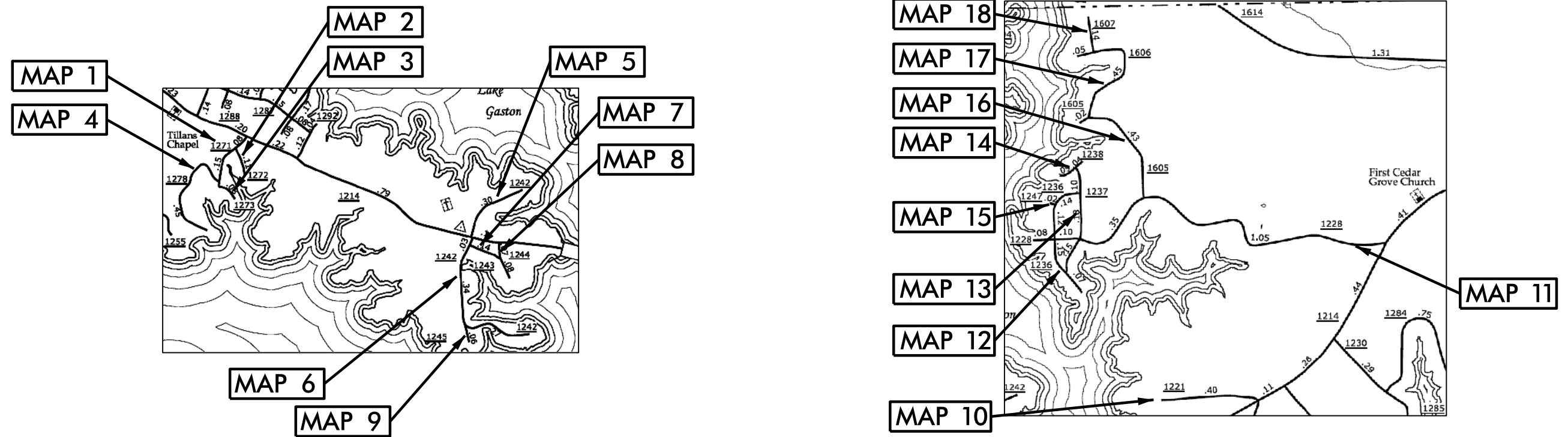
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NORTHAMPTON COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.10.20662.1	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.10.20662.1		MAPS 1 - 18	

- LOCATION: MAP 1 SR 1271 FROM SR 1214 TO SR 1273  
 MAP 2 SR 1272 FROM SR 1271 TO END  
 MAP 3 SR 1273 FROM SR 1271 TO CUL DE SAC  
 MAP 4 SR 1278 FROM SR 1271 TO CUL DE SAC  
 MAP 5 SR 1242 FROM SR 1214 TO CUL DE SAC (NORTH SECTION)  
 MAP 6 SR 1242 FROM SR 1214 TO CUL DE SAC (SOUTH SECTION)  
 MAP 7 SR 1243 FROM SR 1242 TO CUL DE SAC  
 MAP 8 SR 1244 FROM SR 1214 TO SR 1243  
 MAP 9 SR 1245 FROM SR 1242 TO CUL DE SAC  
 MAP 10 SR 1221 FROM SR 1214 TO END  
 MAP 11 SR 1228 FROM SR 1214 TO CUL DE SAC  
 MAP 12 SR 1236 FROM SR 1237 TO CUL DE SAC  
 MAP 13 SR 1237 FROM SR 1238 TO SR 1236  
 MAP 14 SR 1238 FROM CUL DE SAC TO CUL DE SAC  
 MAP 15 SR 1247 FROM SR 1236 TO END  
 MAP 16 SR 1605 FROM SR 1228 TO CUL DE SAC  
 MAP 17 SR 1606 FROM SR 1605 TO CUL DE SAC  
 MAP 18 SR 1607 FROM SR 1606 TO VIRGINIA SL

TYPE OF WORK: RESURFACING



PROJECT LENGTH	
LENGTH OF ROADWAY PROJECT MAP 1 =	0.23 MI.
LENGTH OF ROADWAY PROJECT MAP 2 =	0.12 MI.
LENGTH OF ROADWAY PROJECT MAP 3 =	0.10 MI.
LENGTH OF ROADWAY PROJECT MAP 4 =	0.49 MI.
LENGTH OF ROADWAY PROJECT MAP 5 =	0.33 MI.
LENGTH OF ROADWAY PROJECT MAP 6 =	0.64 MI.
LENGTH OF ROADWAY PROJECT MAP 7 =	0.22 MI.
LENGTH OF ROADWAY PROJECT MAP 8 =	0.05 MI.
LENGTH OF ROADWAY PROJECT MAP 9 =	0.06 MI.

LENGTH OF ROADWAY PROJECT MAP 10 =	0.44 MI.
LENGTH OF ROADWAY PROJECT MAP 11 =	1.57 MI.
LENGTH OF ROADWAY PROJECT MAP 12 =	0.47 MI.
LENGTH OF ROADWAY PROJECT MAP 13 =	0.42 MI.
LENGTH OF ROADWAY PROJECT MAP 14 =	0.13 MI.
LENGTH OF ROADWAY PROJECT MAP 15 =	0.03 MI.
LENGTH OF ROADWAY PROJECT MAP 16 =	0.48 MI.
LENGTH OF ROADWAY PROJECT MAP 17 =	0.51 MI.
LENGTH OF ROADWAY PROJECT MAP 18 =	0.16 MI.

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

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2012 STANDARD SPECIFICATIONS

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

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

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C.E. SLACHTA  
 DIVISION PROPOSALS ENGINEER

DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA

05/08/99

WBS ELEMENT: 2016CPT.01.10.20662.1

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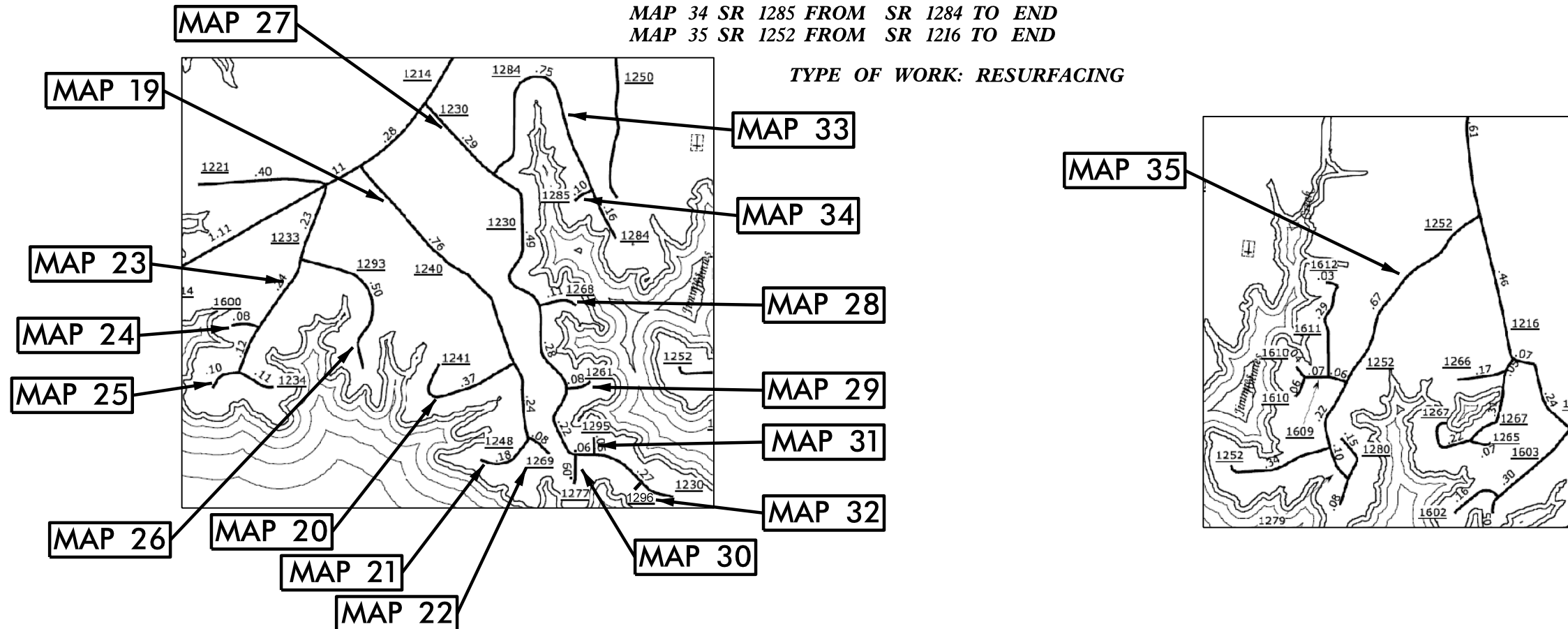
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NORTHAMPTON COUNTY**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2016CPT.01.10.20662.1	2	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
2016CPT.01.10.20662.1		MAP 19 - 35	

- LOCATION:
- MAP 19 SR 1240 FROM SR 1214 TO SR 1248
  - MAP 20 SR 1241 FROM SR 1240 TO CUL DE SAC
  - MAP 21 SR 1248 FROM SR 1240 TO END
  - MAP 22 SR 1269 FROM SR 1248 TO END
  - MAP 23 SR 1233 FROM SR 1214 TO SR 1234
  - MAP 24 SR 1600 FROM SR 1233 TO CUL DE SAC
  - MAP 25 SR 1234 FROM CUL DE SAC TO CUL DE SAC
  - MAP 26 SR 1293 FROM SR 1233 TO CUL DE SAC
  - MAP 27 SR 1230 FROM SR 1214 TO CUL DE SAC
  - MAP 28 SR 1268 FROM SR 1230 TO END
  - MAP 29 SR 1261 FROM SR 1230 TO CUL DE SAC
  - MAP 30 SR 1277 FROM SR 1230 TO CUL DE SAC
  - MAP 31 SR 1295 FROM SR 1230 TO CUL DE SAC
  - MAP 32 SR 1296 FROM SR 1230 TO CUL DE SAC
  - MAP 33 SR 1284 FROM SR 1230 TO END
  - MAP 34 SR 1285 FROM SR 1284 TO END
  - MAP 35 SR 1252 FROM SR 1216 TO END

TYPE OF WORK: RESURFACING



**PROJECT LENGTH**

LENGTH OF ROADWAY PROJECT MAP 19	=	1.00 MI.
LENGTH OF ROADWAY PROJECT MAP 20	=	0.37 MI.
LENGTH OF ROADWAY PROJECT MAP 21	=	0.20 MI.
LENGTH OF ROADWAY PROJECT MAP 22	=	0.06 MI.
LENGTH OF ROADWAY PROJECT MAP 23	=	0.61 MI.
LENGTH OF ROADWAY PROJECT MAP 24	=	0.09 MI.
LENGTH OF ROADWAY PROJECT MAP 25	=	0.22 MI.
LENGTH OF ROADWAY PROJECT MAP 26	=	0.47 MI.
LENGTH OF ROADWAY PROJECT MAP 27	=	1.78 MI.

LENGTH OF ROADWAY PROJECT MAP 28	=	0.11 MI.
LENGTH OF ROADWAY PROJECT MAP 29	=	0.07 MI.
LENGTH OF ROADWAY PROJECT MAP 30	=	0.09 MI.
LENGTH OF ROADWAY PROJECT MAP 31	=	0.05 MI.
LENGTH OF ROADWAY PROJECT MAP 32	=	0.03 MI.
LENGTH OF ROADWAY PROJECT MAP 33	=	0.96 MI.
LENGTH OF ROADWAY PROJECT MAP 34	=	0.06 MI.
LENGTH OF ROADWAY PROJECT MAP 35	=	1.21 MI.

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

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2012 STANDARD SPECIFICATIONS

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

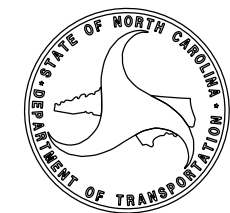
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W.B. HOBBS, P.E.  
DIVISION PROJECT MANAGER

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C.E. SLACHTA  
DIVISION PROPOSALS ENGINEER

**DIVISION OF HIGHWAYS**  
STATE OF NORTH CAROLINA



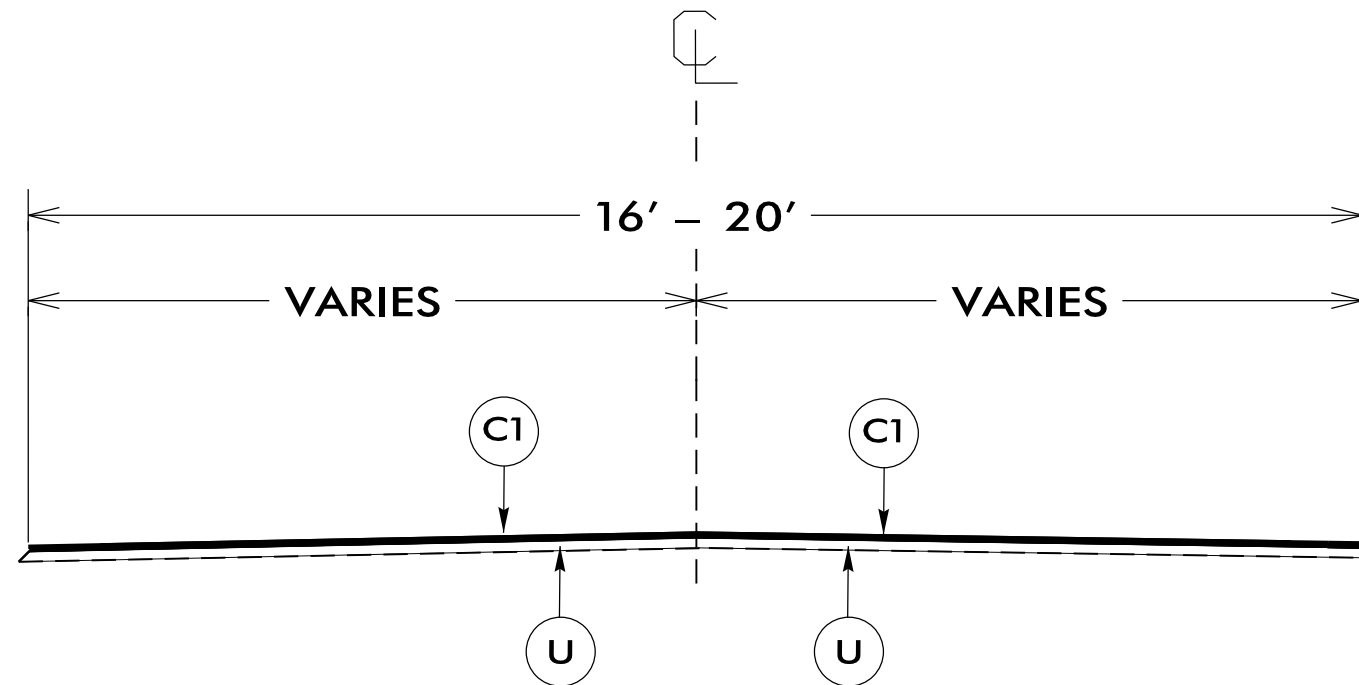
P A V E M E N T S C H E D U L E

C1	PROP. APPROX. 0.75" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 75 LBS. PER SQ. YD.
U	EXISTING PAVEMENT.

PROJECT REFERENCE NO.	SHEET NO.
2016CPT.01.10.20662.1	3

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



**TYPICAL SECTION NO. 1**

**USE WITH MAPS 1 - 35**

NTS

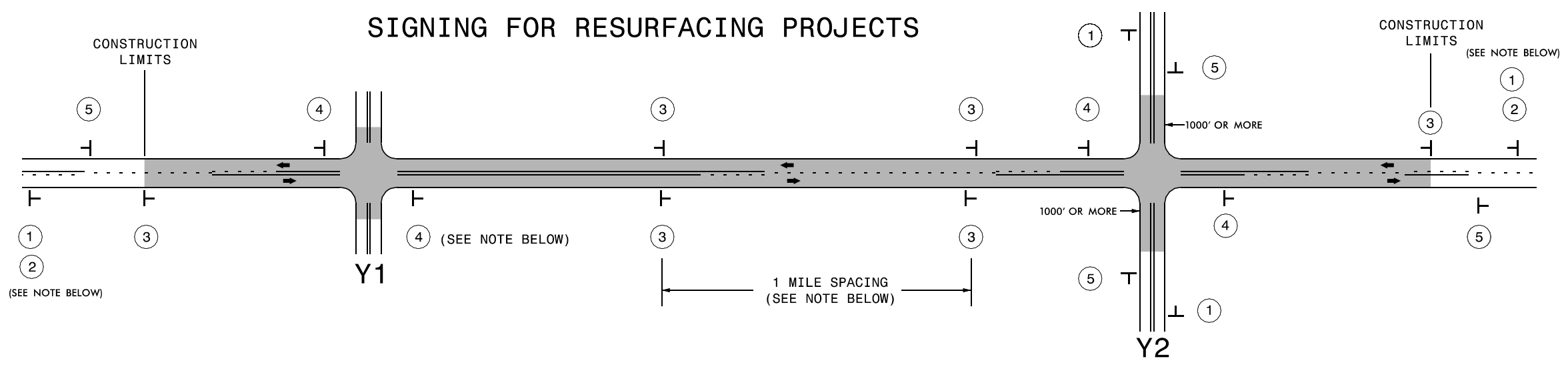
21 JAN 2016 10:46 C:\Users\jg\Documents\DIVISION PROJECT WORKING FILES\District Two\DA00291 Northampton Co. Thin-Lift Overlay (2016 -2017)\1) Pre-Bid Documents\Sht 1 - 3 DA00291 Plans.dgn

PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.01.10.20662.1	4	

## SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	MOBILIZATION	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	ADJ. OF METER OR VALVE BOX	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL
NO		NO			NO					MI	FT	LS	TONS	TONS	EA	SF	LS
2016CPT.01.10.20662.1	Northampton	1	SR 1271	FROM SR 1214 TO SR 1273	1	2	2WU	NO	NO	0.23	18	1	106	7	-	43	1
2016CPT.01.10.20662.1	Northampton	2	SR 1272	FROM SR 1271 TO END	1	2	2WU	NO	NO	0.12	18	*	57	4	-	16	*
2016CPT.01.10.20662.1	Northampton	3	SR 1273	FROM SR 1271 TO CUL DE SAC	1	2	2WU	NO	NO	0.10	18	*	57	4	-	16	*
2016CPT.01.10.20662.1	Northampton	4	SR 1278	FROM SR 1271 TO CUL DE SAC	1	2	2WU	NO	NO	0.49	18	*	228	15	-	32	*
2016CPT.01.10.20662.1	Northampton	5	SR 1242	FROM SR 1214 TO CUL DE SAC (NORTH SECTION)	1	2	2WU	NO	NO	0.33	18	*	162	11	-	30	*
2016CPT.01.10.20662.1	Northampton	6	SR 1242	FROM SR 1214 TO CUL DE SAC (SOUTH SECTION)	1	2	2WU	NO	NO	0.64	18	*	298	20	-	50	*
2016CPT.01.10.20662.1	Northampton	7	SR 1243	FROM SR 1242 TO CUL DE SAC	1	2	2WU	NO	NO	0.22	18	*	112	8	2	32	*
2016CPT.01.10.20662.1	Northampton	8	SR 1244	FROM SR 1214 TO SR 1243	1	2	2WU	NO	NO	0.05	18	*	29	2	-	30	*
2016CPT.01.10.20662.1	Northampton	9	SR 1245	FROM SR 1242 TO CUL DE SAC	1	2	2WU	NO	NO	0.06	18	*	41	3	-	30	*
2016CPT.01.10.20662.1	Northampton	10	SR 1221	FROM SR 1214 TO END	1	2	2WU	NO	NO	0.44	16	*	200	14	-	30	*
2016CPT.01.10.20662.1	Northampton	11	SR 1228	FROM SR 1214 TO CUL DE SAC	1	2	2WU	NO	NO	1.57	18	*	701	48	3	75	*
2016CPT.01.10.20662.1	Northampton	12	SR 1236	FROM SR 1237 TO CUL DE SAC	1	2	2WU	NO	NO	0.47	17	*	223	15	-	30	*
2016CPT.01.10.20662.1	Northampton	13	SR 1237	FROM SR 1238 TO SR 1236	1	2	2WU	NO	NO	0.42	17	*	194	13	-	30	*
2016CPT.01.10.20662.1	Northampton	14	SR 1238	FROM CUL DE SAC TO CUL DE SAC	1	2	2WU	NO	NO	0.13	18	*	79	5	-	-	*
2016CPT.01.10.20662.1	Northampton	15	SR 1247	FROM SR 1236 TO END	1	2	2WU	NO	NO	0.03	18	*	21	1	-	-	*
2016CPT.01.10.20662.1	Northampton	16	SR 1605	FROM SR 1228 TO CUL DE SAC	1	2	2WU	NO	NO	0.48	18	*	227	15	-	32	*
2016CPT.01.10.20662.1	Northampton	17	SR 1606	FROM SR 1605 TO CUL DE SAC	1	2	2WU	NO	NO	0.51	18	*	241	16	-	32	*
2016CPT.01.10.20662.1	Northampton	18	SR 1607	FROM SR 1606 TO VIRGINIA SL	1	2	2WU	NO	NO	0.16	18	*	76	5	-	32	*
2016CPT.01.10.20662.1	Northampton	19	SR 1240	FROM SR 1214 TO SR 1248	1	2	2WU	NO	NO	1.00	19	*	443	30	-	60	*
2016CPT.01.10.20662.1	Northampton	20	SR 1241	FROM SR 1240 TO CUL DE SAC	1	2	2WU	NO	NO	0.37	16	*	179	12	-	32	*
2016CPT.01.10.20662.1	Northampton	21	SR 1248	FROM SR 1240 TO END	1	2	2WU	NO	NO	0.20	18	*	98	7	-	32	*
2016CPT.01.10.20662.1	Northampton	22	SR 1269	FROM SR 1248 TO END	1	2	2WU	NO	NO	0.06	18	*	37	3	-	-	*
2016CPT.01.10.20662.1	Northampton	23	SR 1233	FROM SR 1214 TO SR 1234	1	2	2WU	NO	NO	0.61	18	*	278	19	-	60	*
2016CPT.01.10.20662.1	Northampton	24	SR 1600	FROM SR 1233 TO CUL DE SAC	1	2	2WU	NO	NO	0.09	17	*	57	4	-	32	*
2016CPT.01.10.20662.1	Northampton	25	SR 1234	FROM CUL DE SAC TO CUL DE SAC	1	2	2WU	NO	NO	0.22	18	*	117	8	-	32	*
2016CPT.01.10.20662.1	Northampton	26	SR 1293	FROM SR 1233 TO CUL DE SAC	1	2	2WU	NO	NO	0.47	20	*	224	15	1	32	*
2016CPT.01.10.20662.1	Northampton	27	SR 1230	FROM SR 1214 TO CUL DE SAC	1	2	2WU	NO	NO	1.78	19	*	799	54	-	100	*
2016CPT.01.10.20662.1	Northampton	28	SR 1268	FROM SR 1230 TO END	1	2	2WU	NO	NO	0.11	18	*	58	4	-	32	*
2016CPT.01.10.20662.1	Northampton	29	SR 1261	FROM SR 1230 TO CUL DE SAC	1	2	2WU	NO	NO	0.07	18	*	47	3	1	32	*
2016CPT.01.10.20662.1	Northampton	30	SR 1277	FROM SR 1230 TO CUL DE SAC	1	2	2WU	NO	NO	0.09	19	*	56	4	-	32	*
2016CPT.01.10.20662.1	Northampton	31	SR 1295	FROM SR 1230 TO CUL DE SAC	1	2	2WU	NO	NO	0.05	20	*	39	3	-	-	*
2016CPT.01.10.20662.1	Northampton	32	SR 1296	FROM SR 1230 TO CUL DE SAC	1	2	2WU	NO	NO	0.03	18	*	31	2	-	-	*
2016CPT.01.10.20662.1	Northampton	33	SR 1284	FROM SR 1230 TO END	1	2	2WU	NO	NO	0.96	20	*	426	29	2	60	*
2016CPT.01.10.20662.1	Northampton	34	SR 1285	FROM SR 1284 TO END	1	2	2WU	NO	NO	0.06	20	*	35	2	-	-	*
2016CPT.01.10.20662.1	Northampton	35	SR 1252	FROM SR 1216 TO END	1	2	2WU	NO	NO	1.21	19	*	538	37	2	100	*
<b>TOTAL</b>										<b>13.82</b>		<b>1</b>	<b>6,514</b>	<b>442</b>	<b>11</b>	<b>1,176</b>	<b>1</b>

## SIGNING FOR RESURFACING PROJECTS



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION		
① ②	<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><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>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;"> <div style="text-align: center;">             W20-1 48" X 48"         </div> <div style="text-align: center;">             W20-7 A 48" X 48"         </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
③	<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>	
④	<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>	
⑤	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	

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