

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION 6

PLANS
April 27, 2017

CONTRACT ID: DF00168

WBS ELEMENT NO.: 2017CPT.06.19.20432.1

FEDERAL AID NO.: STATE FUNDED

COUNTY: HARNETT

TIP NO.: -----

LENGTH OF PROJECT: 65.103 MILES

ROUTE NO.: VARIOUS SECONDARY ROUTES

TYPE OF WORK: ASPHALT SURFACE TREATMENT – DOUBLE SEALS

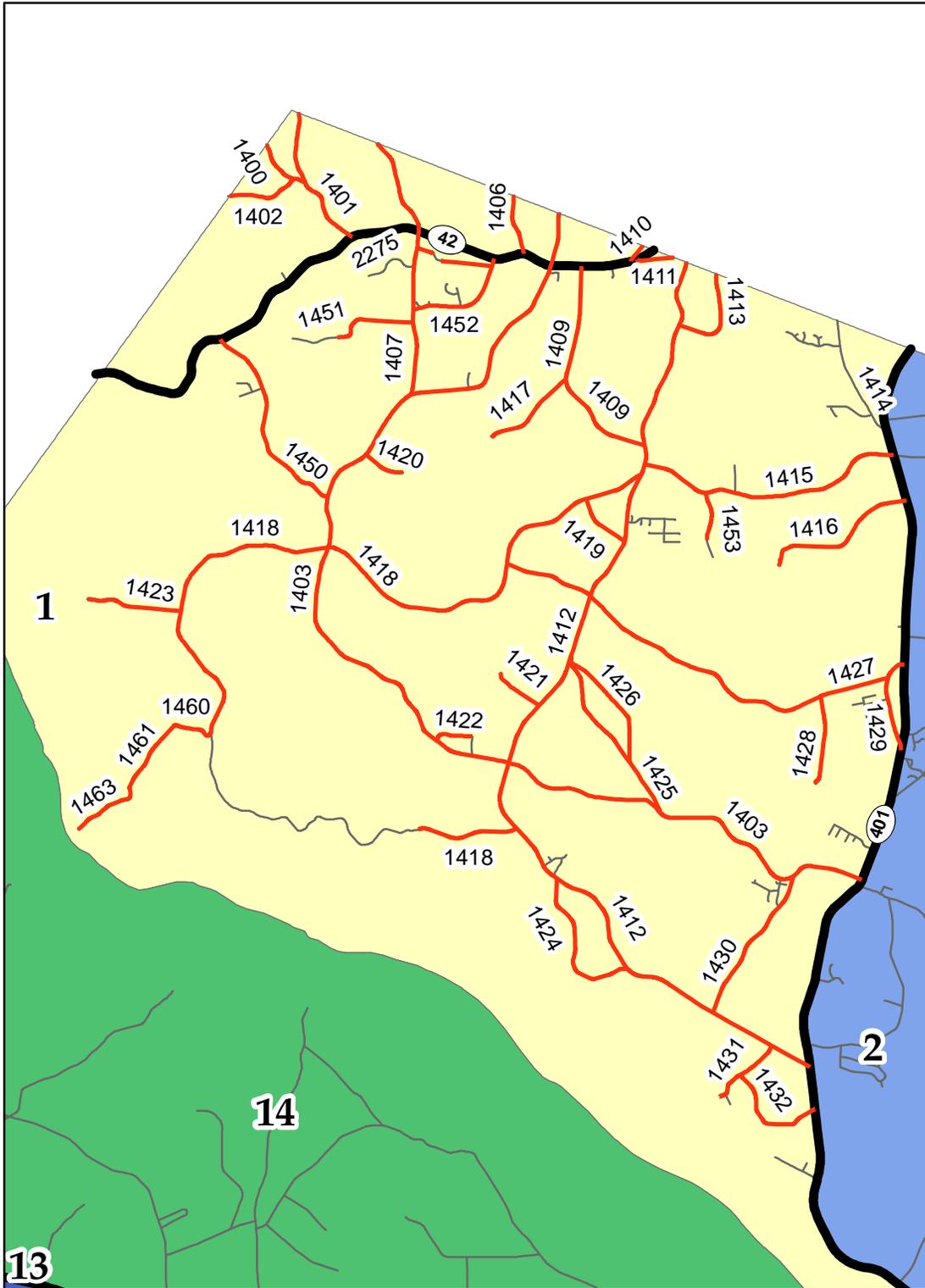
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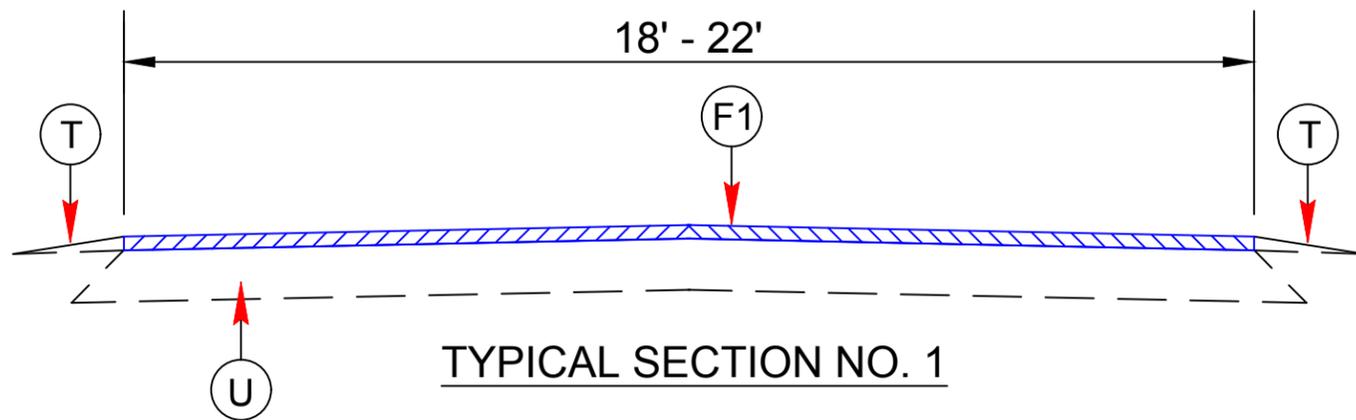
WBS: Double Seals - 2017CPT.06.19.20432.1



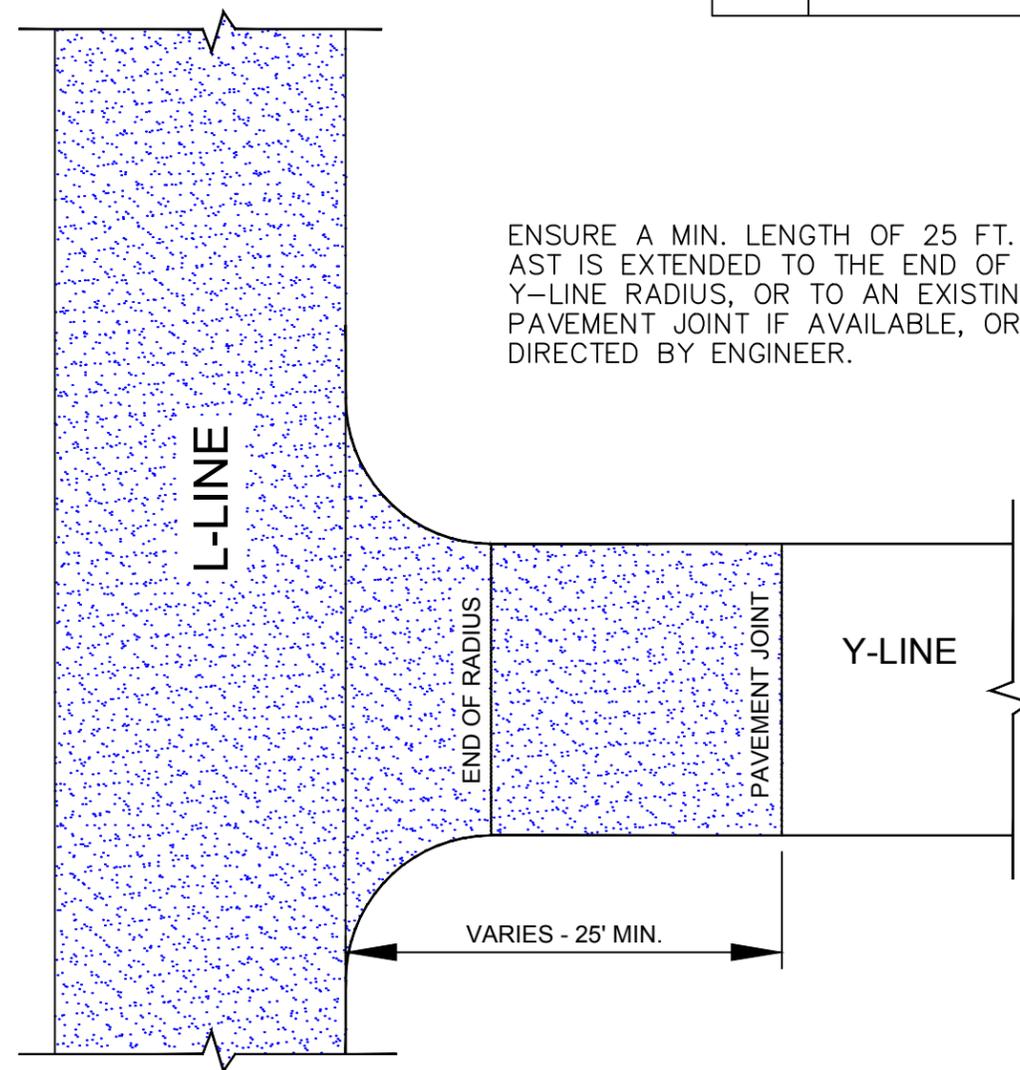
Map	SR	From	Begin MP	To	End MP	CL Length (Mile)	Width (Ft.)	Quantity (SY)	Treatment	WZ Signs (SF)	Emulsion (GAL)
1	SR 1400	SR 1402	0.00	CHATHAM CO	0.434	0.434	20	5,092	Double	69	3,208
2	SR 1401	WAKE CO	0.00	NC 42	1.373	1.373	20	16,110	Double	220	10,149
3	SR 1402	SR 1401	0.00	CHATHAM CO	0.781	0.781	20	9,164	Double	125	5,773
4	SR 1403	WAKE CO	0.00	US 401	11.070	11.070	18	116,899	Double	1771	73,646
5	SR 1405	SR 1407	0.00	END PVMT	0.156	0.156	20	1,830	Double	25	1,153
6	SR 1405	BGN PVMT	0.26	SR 1452	0.741	0.481	20	5,644	Double	77	3,556
7	SR 1406	WAKE CO	0.00	NC 42	0.560	0.560	20	6,571	Double	90	4,140
8	SR 1407	WAKE CO	0.00	SR 1403	2.470	2.470	20	28,981	Double	395	18,258
9	SR 1409	NC 42	0.00	SR 1412	2.090	2.090	20	24,523	Double	334	15,449
10	SR 1410	WAKE CO	0.00	NC 42	0.189	0.189	20	2,218	Double	30	1,397
11	SR 1411	NC 42	0.00	WAKE CO	0.348	0.348	20	4,083	Double	56	2,572
12	SR 1412	US 401	0.00	WAKE CO	9.471	9.471	22	122,239	Double	1515	77,011
13	SR 1413	WAKE CO	0.00	SR 1412	0.921	0.921	20	10,806	Double	147	6,808
14	SR 1415	SR 1412	0.00	US 401	2.540	2.540	20	29,803	Double	406	18,776
15	SR 1416	US 401	0.00	DEAD END	1.498	1.498	20	17,577	Double	240	11,074
16	SR 1417	SR 1409	0.00	END MAINT	0.908	0.908	20	10,654	Double	145	6,712
17	SR 1418	SR 1412	0.00	END PVMT	0.950	0.950	20	11,147	Double	152	7,023
18	SR 1418	BEG PVMT	3.79	SR 1412	10.570	6.780	18	71,597	Double	1,085	45,106
19	SR 1419	SR 1418	0.00	SR 1412	0.557	0.557	20	6,535	Double	89	4,117
20	SR 1420	SR 1403	0.00	DEAD END	0.398	0.398	20	4,670	Double	64	2,942
21	SR 1421	SR 1412	0.00	DEAD END	0.489	0.489	20	5,738	Double	78	3,615
22	SR 1422	SR 1403	0.00	END PVMT	0.365	0.365	20	4,283	Double	58	2,698
23	SR 1423	SR 1418	0.00	DEAD END	0.893	0.893	20	10,478	Double	143	6,601
24	SR 1424	SR 1412	0.00	SR 1412	1.451	1.451	20	17,025	Double	232	10,726
25	SR 1425	SR 1412	0.00	SR 1403	1.726	1.726	20	20,252	Double	276	12,759
26	SR 1426	SR 1425	0.00	SR 1425	1.160	1.160	20	13,611	Double	186	8,575
27	SR 1427	SR 1418	0.00	SR 1429	4.030	4.030	20	47,285	Double	645	29,790
28	SR 1428	SR 1427	0.00	CUL-DE-SAC	0.836	0.836	20	9,809	Double	134	6,180
29	SR 1429	US 401	0.00	US 401	0.911	0.911	20	10,689	Double	146	6,734
30	SR 1430	SR 1403	0.00	SR 1412	1.496	1.496	20	17,553	Double	239	11,058
31	SR 1431	SR 1412	0.00	CUL DE SAC	0.707	0.707	20	8,295	Double	113	5,226
32	SR 1432	SR 1431	0.00	US 401	1.036	1.036	20	12,156	Double	166	7,658
33	SR 1450	SR 1403	0.00	NC 42	1.940	1.940	20	22,763	Double	310	14,341
34	SR 1451	SR 1407	0.00	END PVMT	0.811	0.811	20	9,516	Double	130	5,995
35	SR 1452	NC 42	0.00	SR 1407	1.036	1.036	20	12,156	Double	166	7,658
36	SR 1453	SR 1415	0.00	END PVMT	0.453	0.453	20	5,315	Double	72	3,348
37	SR 1461	SR 1418	0.00	SR 1462	1.100	1.100	20	12,907	Double	176	8,131
38	SR 1462	SR 1461	0.00	SR 1463	0.113	0.113	20	1,326	Double	18	835
39	SR 1463	SR 1462	0.00	DEAD END	0.575	0.575	20	6,747	Double	92	4,251
TOTALS - DOUBLE SEALS:						65.103		754,047		10,415	475,049

Legend

- Proposed Seals
- Harnett_Interstate
- Harnett_Primary

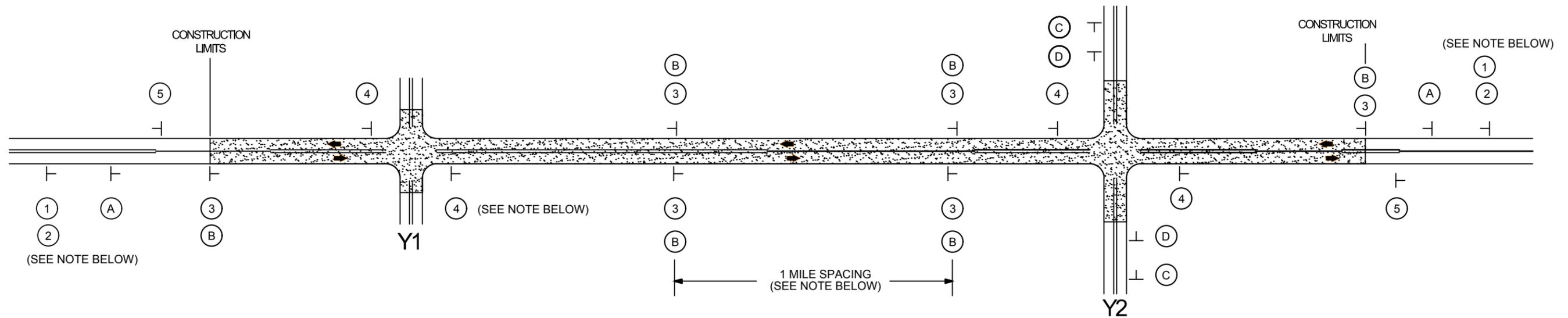


PAVEMENT SCHEDULE	
F1	DOUBLE SEAL PLACED ACCORDING TO THE SPECIAL PROVISIONS
T	EXISTING SHOULDER
U	EXISTING ASPHALT



DETAIL 1
Y-LINE INTERSECTION TREATMENT

SIGNING FOR ASPHALT SURFACE TREATMENT



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.</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: 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>PLACE 500' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.</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. SPEED LIMIT SIGN MAY BE PLACED ON SAME PART AS LOOSE GRAVEL SIGN, IF DESIRED. IF SO, ELIMINATE WORK ZONE SIGN (G20-5aP).</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>

ADVANCE WARNING PORTABLE SIGNS MAY BE USED IN LIEU OF STATIONARY SIGNS ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK EACH DAY. UNDER NO CIRCUMSTANCES SHALL PORTABLE SIGNS BE LEFT IN PLACE WHEN NO CONSTRUCTION ACTIVITY IS OCCURRING, OR WHEN CONTRACTOR IS NOT ON SITE.

PLACED 500' IN ADVANCE OF FLAGGER.

PLACED 250' IN ADVANCE OF FLAGGER.

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

- 1 SUBDIVISION ROADS
- 2 DEAD END ROADS

LEGEND

└ STATIONARY SIGN

➔ DIRECTION OF TRAFFIC FLOW

NOTE:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE PROPER PLACEMENT AND LOCATION OF WORK ZONE SIGNING PER THE STANDARD DRAWING. NCDOT HAS THE RIGHT TO INSPECT THE PLANNED LOCATIONS AND REQUIRE ADJUSTMENT BY THE CONTRACTOR, AS NEEDED, OR AS DIRECTED BY THE ENGINEER.

ADVANCE WARNING SIGNS
FOR
ASPHALT SURFACE
TREATMENTS

OR OTHER ENGINEER APPROVED METHOD