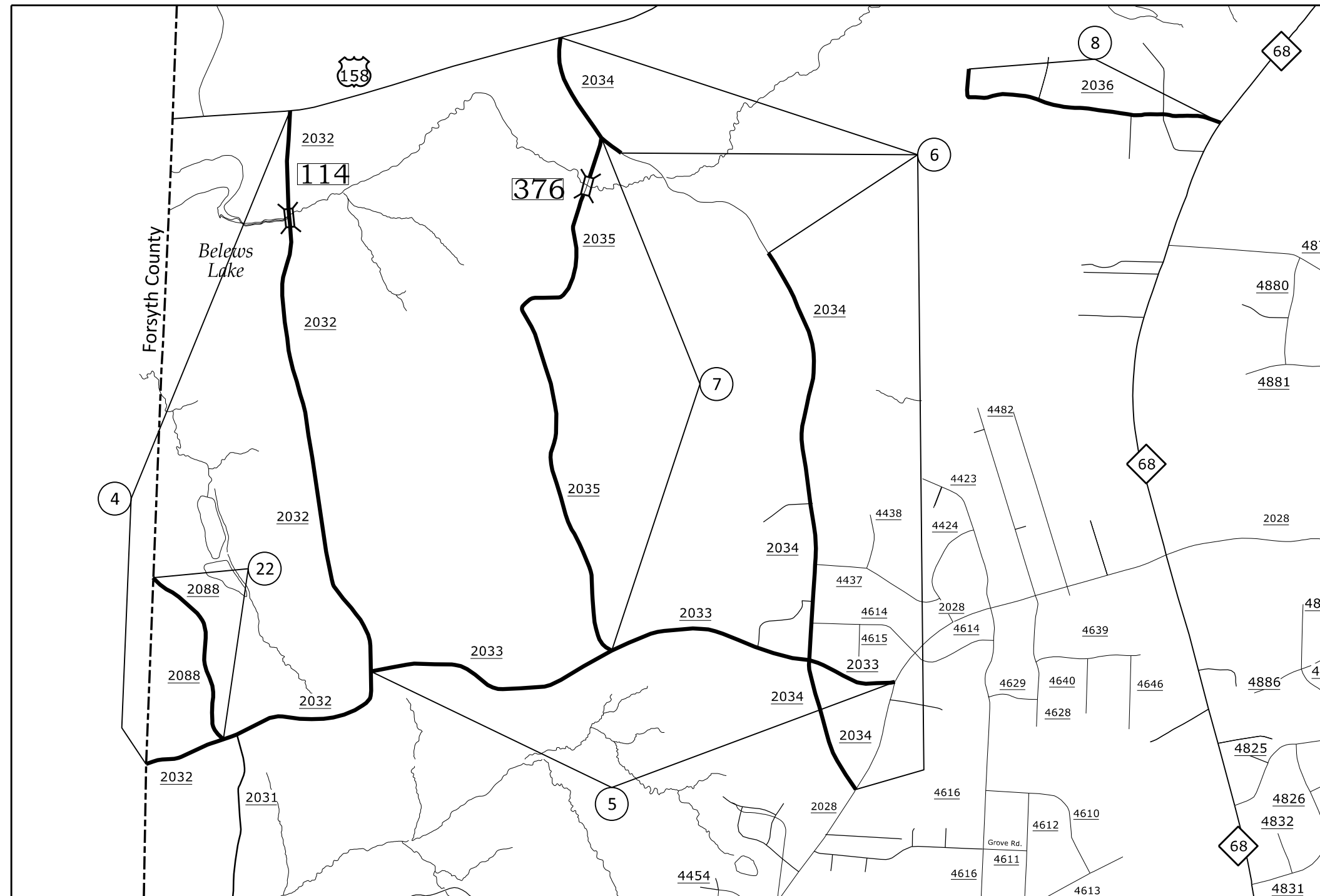


Sheet
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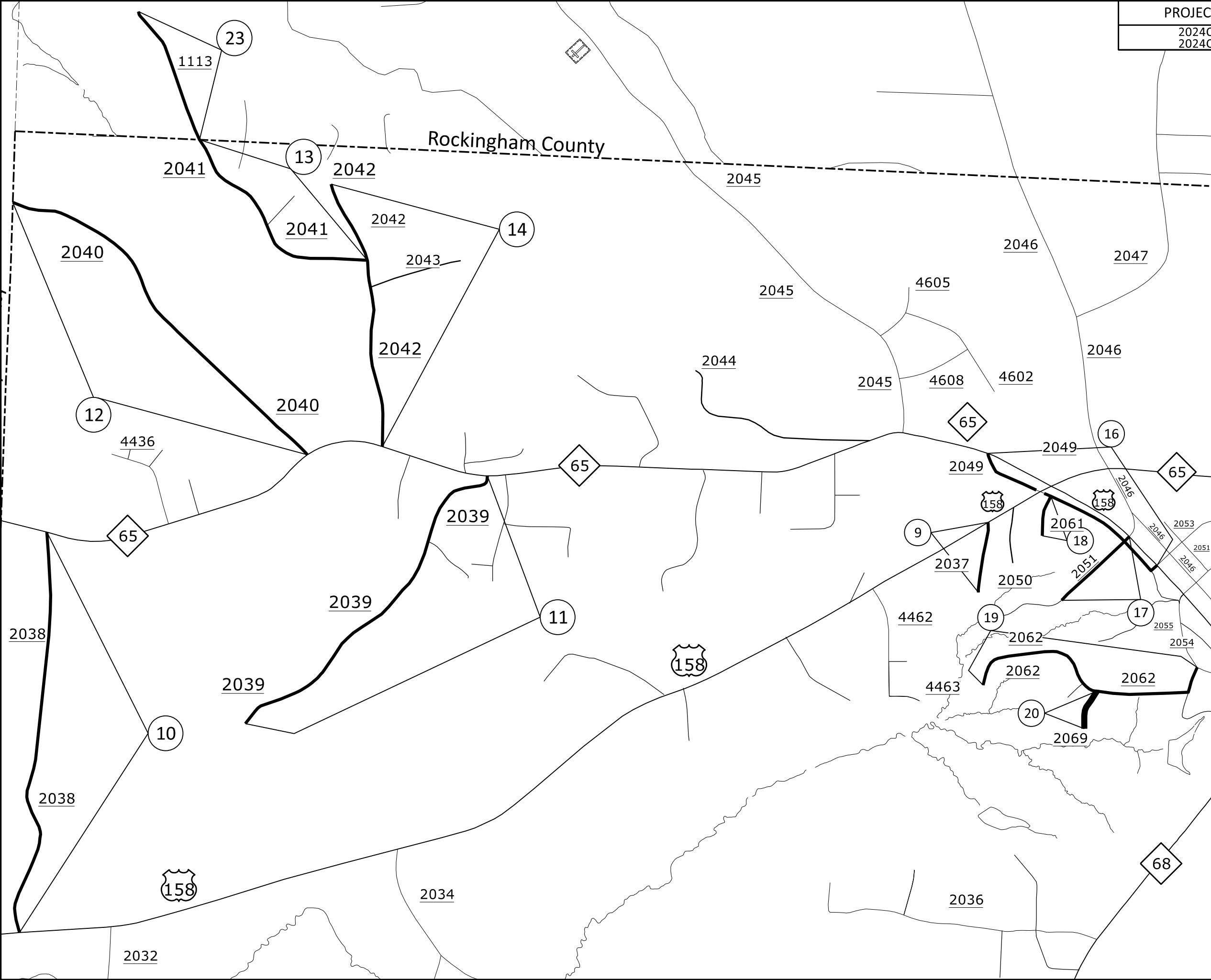
Sheet
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GUILFORD COUNTY
ROCKINGHAM COUNTY
NORTH CAROLINA



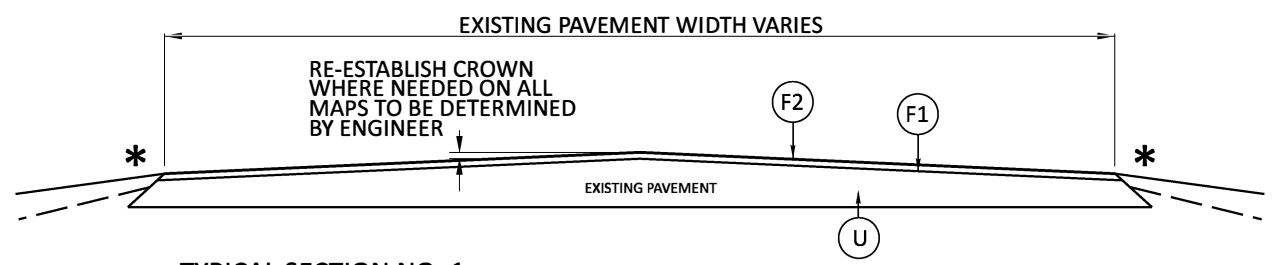
- Map 4 SR 2032 - Happy Hill Rd
Resurface Bridge # 114
- Map 5 SR 2033 - Warner Rd
- Map 6 SR 2034 - Anthony Rd
Do Not Resurface Gravel Section
- Map 7 SR 2035 - Pearman Quarry Rd
Do Not Resurface Bridge # 376
Must Adhere to Posting
- Map 8 SR 2036 - Prince Edward Rd
- Map 22 SR 2088 - Van Hoy Rd

GUILFORD COUNTY
ROCKINGHAM COUNTY
NORTH CAROLINA

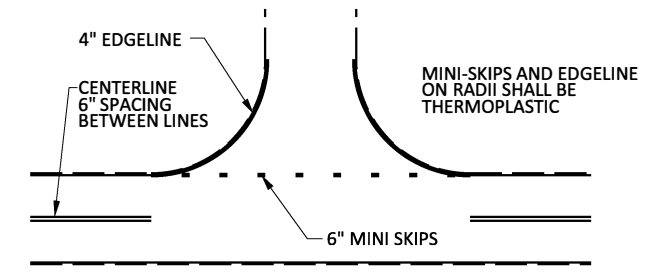


- Map 9 SR 2037 - Croft Dr
- Map 10 SR 2038 - Coldwater Rd
- Map 11 SR 2039 - Colgate Rd
- Map 12 SR 2040 - Mt Carmel Rd
- Map 13 SR 2041 - Osage Rd
- Map 14 SR 2042 - Fulp Rd
- Map 16 SR 2049 - Stokesdale St/
Newberry St
SKIP US 158
- Map 17 SR 2051 - Vaughn St
- Map 18 SR 2061 - Arapahoe Dr
- Map 19 SR 2062 - Barney Rd-
Mccrory Rd
- Map 20 SR 2069 - Tree Ct
- Map 23 SR 1113 - Osage Rd
(2024CPT.07.07.20792)

GUILFORD COUNTY
ROCKINGHAM COUNTY
NORTH CAROLINA



***NOTE:**
THE SURFACE TO BE TREATED SHALL BE CLEANED TO THE SATISFACTION OF THE INSPECTOR PRIOR TO STARTING ON EACH MAP

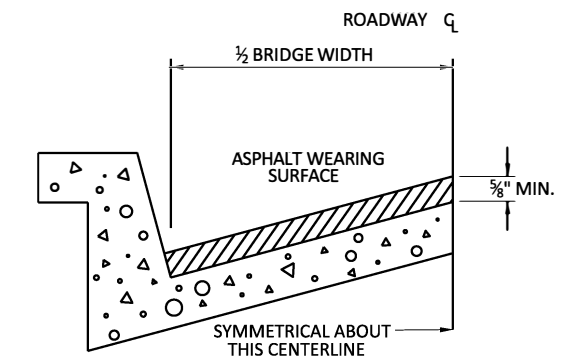


NOTE: MINI SKIPS SHALL BE PLACED ON A 8' CYCLE, CONTAINING A 6' AND 2' SKIP, THE WIDTH OF THE SKIP SHALL BE 6".

TYPICAL SECTION NO. 1

- | | |
|-----------------------------------|--|
| Map 1 SR 2101 - Athens Rd | Map 12 SR 2040 - Mt Carmel Rd |
| Map 2 SR 2105 - Flatrock Rd | Map 13 SR 2041 - Osage Rd |
| Map 3 SR 2107 - Ellison Rd | Map 14 SR 2042 - Fulp Rd |
| Map 4 SR 2032 - Happy Hill Rd | Map 15 SR 2048 - Lester Rd |
| Resurface Bridge # 114 | Map 16 SR 2049 - Stokesdale St/Newberry St |
| Map 5 SR 2033 - Warner Rd | Do Not Resurface US 158 |
| Map 6 SR 2034 - Anthony Rd | Map 17 SR 2051 - Vaughn St |
| (Do Not Resurface Gravel Section) | Map 18 SR 2061 - Arapahoe Dr |
| Map 7 SR 2035 - Pearman Quarry Rd | Map 19 SR 2062 - Barney Rd-Mccrory Rd |
| Do Not Resurface Bridge # 376 | Map 20 SR 2069 - Tree Ct |
| Must Adhere to Posting | Map 21 SR 2087 - Lyman St - Marne Dr |
| Map 8 SR 2036 - Prince Edward Rd | Map 22 SR 2088 - Van Hoy Rd |
| Map 9 SR 2037 - Croft Dr | Map 23 SR 1113 - Osage Rd |
| Map 10 SR 2038 - Coldwater Rd | (2024CPT.07.07.20792) |
| Map 11 SR 2039 - Colgate Rd | |

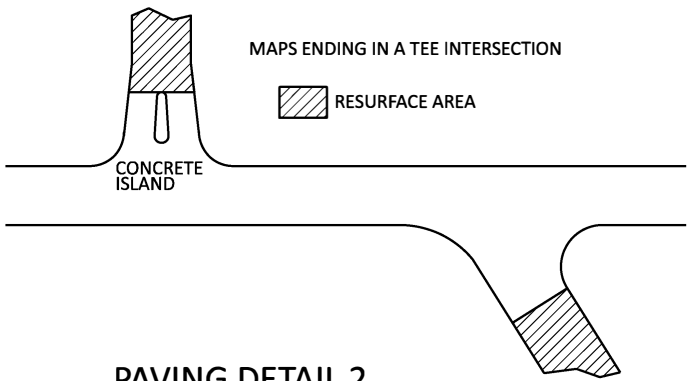
TO BE USED AT ALL NON-SIGNALIZED INTERSECTIONS (NOT TO SCALE)



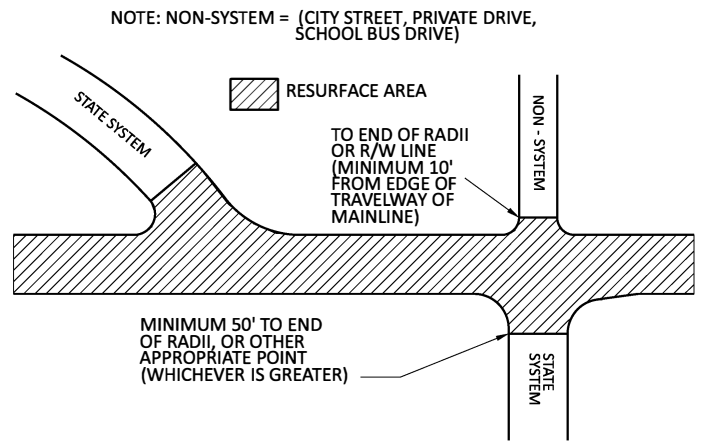
BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN. THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN $\frac{3}{8}$ " SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1 $\frac{1}{2}$ " UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES
ALL UNPAVED S.R. ROUTES TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROUTES TO BE RESURFACED TO END OF RADDII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES. BRIDGES TO BE RESURFACED AT LOCATIONS AND DEPTH AS DIRECTED BY THE ENGINEER.



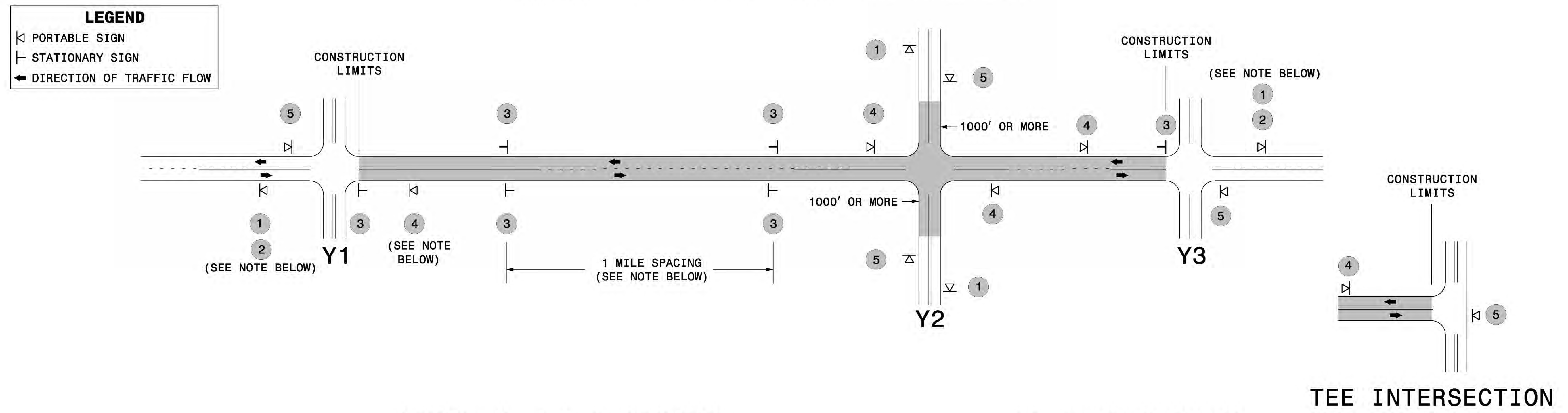
**PAVING DETAIL 2
MAIN LINE NOT BEING RESURFACED**



**PAVING DETAIL 1
MAIN LINE IS BEING RESURFACED**

PAVEMENT SCHEDULE	
F1	PROPOSED ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	PROPOSED FOG SEAL
U	EXISTING PAVEMENT

SIGNING FOR ASPHALT SURFACE TREATMENT



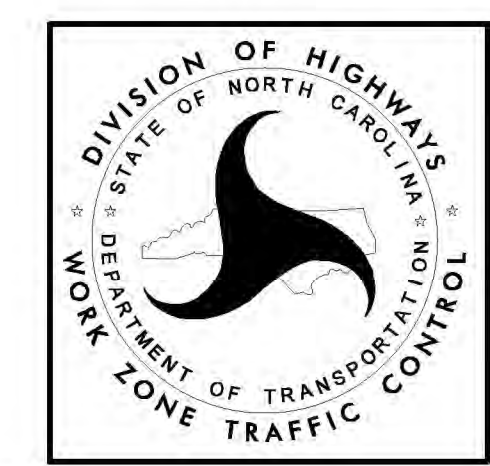
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 	<ul style="list-style-type: none"> - PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. - SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS. 	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING 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;"> <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	3	 	<ul style="list-style-type: none"> - ALTERNATE THE FOLLOWING TWO SIGNS: - STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. 	
	4		<ul style="list-style-type: none"> - 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. 	
	5		<ul style="list-style-type: none"> PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. 	
	<p>THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.</p>			

MAPS LESS THAN 2 MILES

FOR AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.



ADVANCE WARNING SIGNS FOR 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

5/12/2017 S:\T\MUWZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln - AST.dgn User:keads

Map #	SR # Name	County	Description	Length	Width	1803500000-E	1820000000-E	1838000000-E	1838500000-N	4413000000-E	4457000000-N	4890000000-E	4890000000-E	4890000000-E
						ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" HOT SPRAY THERMO (WHITE)	4" HOT SPRAY THERMO (WHITE)	4" HOT SPRAY THERMO (YELLOW)
				Miles	(Feet)	SY	SY	GAL	WK	SF	LS	LF	LF	LF
Map 1	SR 2101 - Athens Rd	Guilford	From US 158 TO END MAINT	1.23	20.0	14,389	14,389	7,914	3	138	1	80	12,950	12,950
Map 2	SR 2105 - Flatrock Rd		From US 158 TO END of Pavement	0.81	20.0	9,633	9,633	5,298		91				
Map 3	SR 2107 - Ellison Rd		From US 158 TO SR 2109 - Eversfield Rd	1.42	20.0	16,644	16,644	9,154		159		90	14,980	14,980
Map 4	SR 2032 - Happy Hill Rd		From US 158 TO FORSYTH CO. (Resurface Bridge #114)	2.16	20.0	25,333	25,333	13,933		242		116	22,800	21,811
Map 5	SR 2033 - Warner Rd		From SR 2028 - Haw River Rd TO SR 2032 - Happy Hill Rd	1.41	21.0	17,395	17,395	9,567		159		118	14,910	14,910
Map 6	SR 2034 - Anthony Rd		From US 158 TO SR 2028 - Haw River Rd (Do Not Resurface Gravel Section)	1.77	20.0	20,789	20,789	11,434		199		80	18,710	17,191
Map 7	SR 2035 - Pearman Quarry Rd		From SR 2034 - Anthony Rd TO SR 2033 - Warner Rd (Do Not Resurface Bridge #376, Must Adhere to Posting)	1.46	20.0	17,144	17,144	9,429		164			15,430	15,430
Map 8	SR 2036 - Prince Edward Rd		From NC 68 TO END MAINT	0.66	20.0	7,789	7,789	4,284		75				
Map 9	SR 2037 - Croft Dr		From US 158 TO END MAINT	0.16	16.0	1,467	1,467	807		18				
Map 10	SR 2038 - Coldwater Rd		From NC 65 TO US 158	0.98	19.0	10,946	10,946	6,020		110			10,370	7,117
Map 11	SR 2039 - Colgate Rd		From NC 65 TO END MAINT	0.89	18.0	9,488	9,488	5,218		100				
Map 12	SR 2040 - Mt Carmel Rd		From NC 65 TO FORSYTH CO.	0.97	20.0	11,422	11,422	6,282		110			10,280	10,280
Map 13	SR 2041 - Osage Rd		From SR 2042 - Fulp Rd TO ROCKINGHAM CO.	0.52	18	5,530	5,530	3,042		59				
Map 14	SR 2042 - Fulp Rd		From NC 65 TO END MAINT	0.71	20.0	8,344	8,344	4,589		80		60	7,510	7,510
Map 15	SR 2048 - Lester Rd		From NC 65 TO NC 68	1.16	20.0	13,600	13,600	7,480		130		30	12,240	12,240
Map 16	SR 2049 - Stokesdale St/Newberry St		NC 65 TO US 158 at SR 2053 Newberry St (SKIP US 158)	0.47	19.0	5,246	5,246	2,885		53			4,970	4,970
Map 17	SR 2051 - Vaughn St		From US 158 TO EOM	0.24	18.0	2,500	2,500	1,375		27				
Map 18	SR 2061 - Arapahoe Dr		From SR 2049 - Stokesdale St TO END MAINT	0.08	16.0	791	791	435		10				
Map 19	SR 2062 - Barney Rd-Mccrory Rd		From SR 2054 - Stokesdale St TO END MAINT	0.66	20.0	7,811	7,811	4,296		74				
Map 20	SR 2069 - Tree Ct		From SR 2062 - Mccrory Rd TO END MAINT	0.08	18.0	810	810	446		9				
Map 21	SR 2087 - Lyman St - Marne Dr		From SR 2046 - Ellisboro Rd TO SR 2046 - Ellisboro Rd	0.30	18.0	3,210	3,210	1,766		35			3,210	3,210
Map 22	SR 2088 - Van Hoy Rd		From SR 2032 - Happy Hill Rd TO FORSYTH CO.	0.48	19.0	5,394	5,394	2,967		55				
TOTAL FOR PROJECT NO. 2024CPT.07.07.20412				18.64	miles	215,677	215,677	118,622		2,097		574	148,360	142,600
Map 23	SR 1113 - Osage Rd	Rockingham	From GUILFORD CO TO DEAD END	0.37	18.0	4,147	4,147	2,281		42				
TOTAL FOR PROJECT NO. 2024CPT.07.07.20792				0.37	miles	4,147	4,147	2,281		42				
GRAND TOTAL FOR PROJECT				19.01	miles	219,824	219,824	120,903	3	2,139	1	574	148,360	142,600