PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.11.03.10051	1	2
2023CPT.11.03.20051		

SUMMARY OF QUANTITIES

														0106000000-E	1220000000-E	1245000000-E	133000000-E	1519000000-E	1520000000-E	1575000000-E	1704000000-E	6084000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	ROUTE NAME	DESCRIPTION	FROM MILEPOST	TO MILEPOST	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	LENGTH	WIDTH	BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUC-TION	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	LEVELING COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	SEED & MULCHING
												MI	FT	CY	TONS	SMI	SY	TONS	TON	TON	TONS	AC
2023CPT.11.03.10051	Ashe	1	US 221	US 221	FROM SR 1571 TO ALLEGHANY COUNTY LINE	21.75	26.80	1	2	2WU	NO	5.05	20	1,010	101	10.10	667	5,657		379	1,439	3.79
	TOTAL F	OR PROJ N	IO. 2023CPT.1	1.03.10051								5.05		1,010	101	10.10	667	5,657		379	1,439	3.79
2023CPT.11.03.20051	Ashe	2	SR 1196	Nikanor Rd	FROM NC 163 TO EOM	0	0.99	1	2	2WU	NO	0.99	18	198	20	1.98	100	999	433	96		0.74
2023CPT.11.03.20051	Ashe	3	SR 1350	Charlie King Rd	FROM SR 1347 TO BR# 346 OVER BIG HORSE CREEK	0	1.03	1	2	2WU	NO	1.03	19	206		2.06	211	1,096	475	105		0.77
2023CPT.11.03.20051	Ashe	4	SR 1582	Friendship Baptist Ch Rd	FROM US 221 TO SR 1583	0	0.69	1	2	2WU	NO	0.69	18	138	14	1.38	100	696	302	67		0.52
2023CPT.11.03.20051	Ashe	5	SR 1583	Ashe Central School Rd	FROM SR 1582 TO US 221	0	1.27	1	2	2WU	NO	1.27	18	258	26	2.58	100	1,301	564	125		0.97
2023CPT.11.03.20051	Ashe	6	SR 1655	Frank Witherspoon Rd	FROM SR 1582 TO EOM	0	0.13	2	2	2WU	NO	0.13	18	26	3	0.26		104	57	11		0.10
2023CPT.11.03.20051	Ashe	7	SR 1671	Witherspoon Heights Rd	FROM SR 1655 TO EOM	0	0.26	2	2	2WU	NO	0.26	18	52	5	0.52		209	114	22		0.20
	TOTAL F	OR PROJ N	IO. 2023CPT.1	11.03.20051								4.37		878	68	8.78	511	4,405	1,945	426		3.29
GRAND TOTAL											9.42		1,888	169	18.88	1,178	10,062	1,945	805	1,439	7.08	

PROJECT NO.	SHEET NO.	TOTAL NO.
2023CPT.11.03.10051	2	2
2023CPT.11.03.20051		

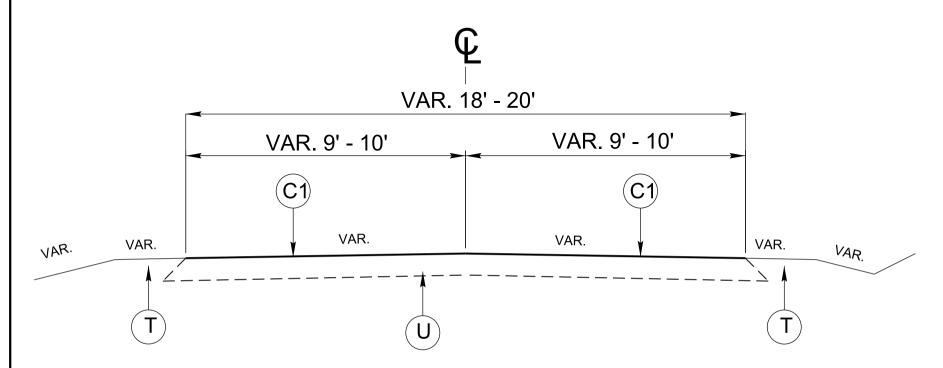
THERMOPLASTIC AND PAINT QUANTITIES

													4413000000-E	4457000000-N	48100	00000-E	4895000000-N
PROJECT NO	COUNTY	MAP NO	ROUTE	ROUTE NAME	DESCRIPTION	FROM MILEPOST	TO MILEPOST	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING		4" WHITE PAINT	4" YELLOW PAINT	GENERIC MARKING ITEM NON-CAST IRON SNOW PLOWABLE MARKER
											MI	FT	SF	LS	LF	LF	EA
2023CPT.11.03.10051	Ashe	1	US 221	US 221	FROM SR 1571 TO ALLEGHANY COUNTY LINE	21.75	26.8	1	2	2WU	5.05	20	657	1	108,676	108,676	470
	TOTAL EOD DD	OLNO 2022	CPT.11.03.10051								5.05		657	1	108,676	108,676	470
	TOTAL FOR PRO	OJ 140. 2023	CF 1.11.03.10051												217	7,352	

2023CPT.11.03.20051	Ashe	2	SR 1196	Nikanor Rd	FROM NC 163 TO EOM	0	0.99	1	2	2WU	0.99	18	129	21,520	21,520
2023CPT.11.03.20051	Ashe	3	SR 1350	Charlie King Rd	FROM SR 1347 TO BR# 346 OVER BIG HORSE CREEK	0	1.03	1	2	2WU	1.03	19	134	22,166	22,166
2023CPT.11.03.20051	Ashe	4	SR 1582	Friendship Baptist Ch Rd	FROM US 221 TO SR 1583	0	0.69	1	2	2WU	0.69	18	90	14,849	14,849
2023CPT.11.03.20051	Ashe	5	SR 1583	Ashe Central School Rd	FROM SR 1582 TO US 221	0	1.27	1	2	2WU	1.27	18	168	27,761	27,761
2023CPT.11.03.20051	Ashe	6	SR 1655	Frank Witherspoon Rd	FROM SR 1582 TO EOM	0	0.13	2	2	2WU	0.13	18	17		
2023CPT.11.03.20051	Ashe	7	SR 1671	Wither spoon Heights Rd	FROM SR 1655 TO EOM	0	0.26	2	2	2WU	0.26	18	34		
	TOTAL FOR PROJ NO. 2023CPT.11.03.20051			0051							4.37		572	86,296	86,296
	O TAL TON TING	,, 20	,250, 1.11.05.20	0031										172	,592

GRAND TOTAL				9.42	1,229	1	194,972 194,972	470
GRAND TOTAL							389,944	

- * "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS AREAS TO BE DELINIATED BY THE ENGINEER
- * INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER
- * ON ANY MAP WITH SIGNALIZED INTERSECTIONS RESURFACE BEYOND FOOTPRINT OF VEHICLE DETECTION LOOPS
- ** LEVELING AT LOCATIONS AS DIRECTED BY ENGINEER THE ENGINEER

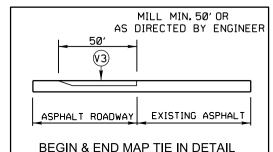


TYPICAL SECTION NO. 1

MAP 1 - US 221 FROM SR 1571 TO ALLEGHANY COUNTY LINE

- ** MAP 2 SR 1196 NIKANOR RD FROM NC 163 TO EOM (CUL-DE-SAC)
- ** MAP 3 SR 1350 CHARLIE KING RD FROM SR 1347 TO BRIDGE #346 OVER BIG HORSE CREEK
- ** MAP 4 SR 1582 FRIENDSHIP BAPTIST CH RD FROM US 221 TO SR 1583
- ** MAP 5 SR 1583 ASHE CENTRAL SCHOOL RD FROM SR 1582 TO US 221

	PAVEMENT SCHEDULE
C1	PROP. APPROX.1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS.PER SO.YD.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
٧3	INCIDENTAL MILLING (See Tie in Detail)

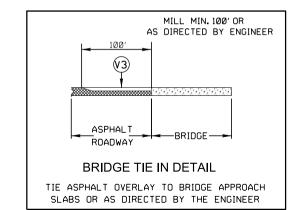


PRO TECT DEFERENCE NO

DK00339

CHEET NO

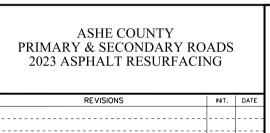
TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT BEGIN & END OF MAPS OR AS DIRECTED BY THE ENGINEER



NOTE: TYPICALS ARE NOT TO SCALE

REVIEWED BY:

REVIEWED BY:

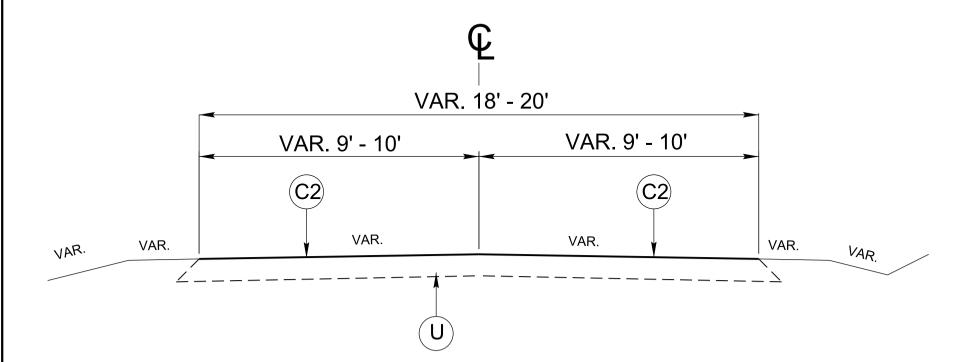


N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN



* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

** LEVELING AT LOCATIONS AS DIRECTED BY ENGINEER THE ENGINEER



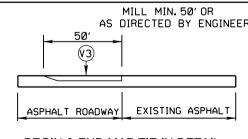
** MAP 6 - SR 1655 FRANK WITHERSPOON RD FROM SR 1582 TO EOM

TYPICAL SECTION NO. 2

** MAP 7 - SR 1671 WITHERSPOON HEIGHTS RD FROM SR 1655 TO EOM

(Note: Shoulder Reconstruction is not intended on Maps 6 & 7; however, it has been added as a contingency quantity in the contract.)

	PAVEMENT SCHEDULE
C2	PROP. APPROX. 1.25° ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 137.5 LBS. PER SO. YD.
U	EXISTING PAVEMENT
٧3	INCIDENTAL MILLING (See Tie in Detail)

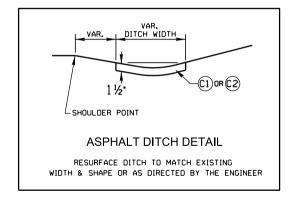


DK00339

CHEET NO

BEGIN & END MAP TIE IN DETAIL

TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT BEGIN & END OF MAPS OR AS DIRECTED BY THE ENGINEER



NOTE: TYPICALS ARE NOT TO SCALE

ASHE COUNTY PRIMARY & SECONDARY ROADS 2023 ASPHALT RESURFACING

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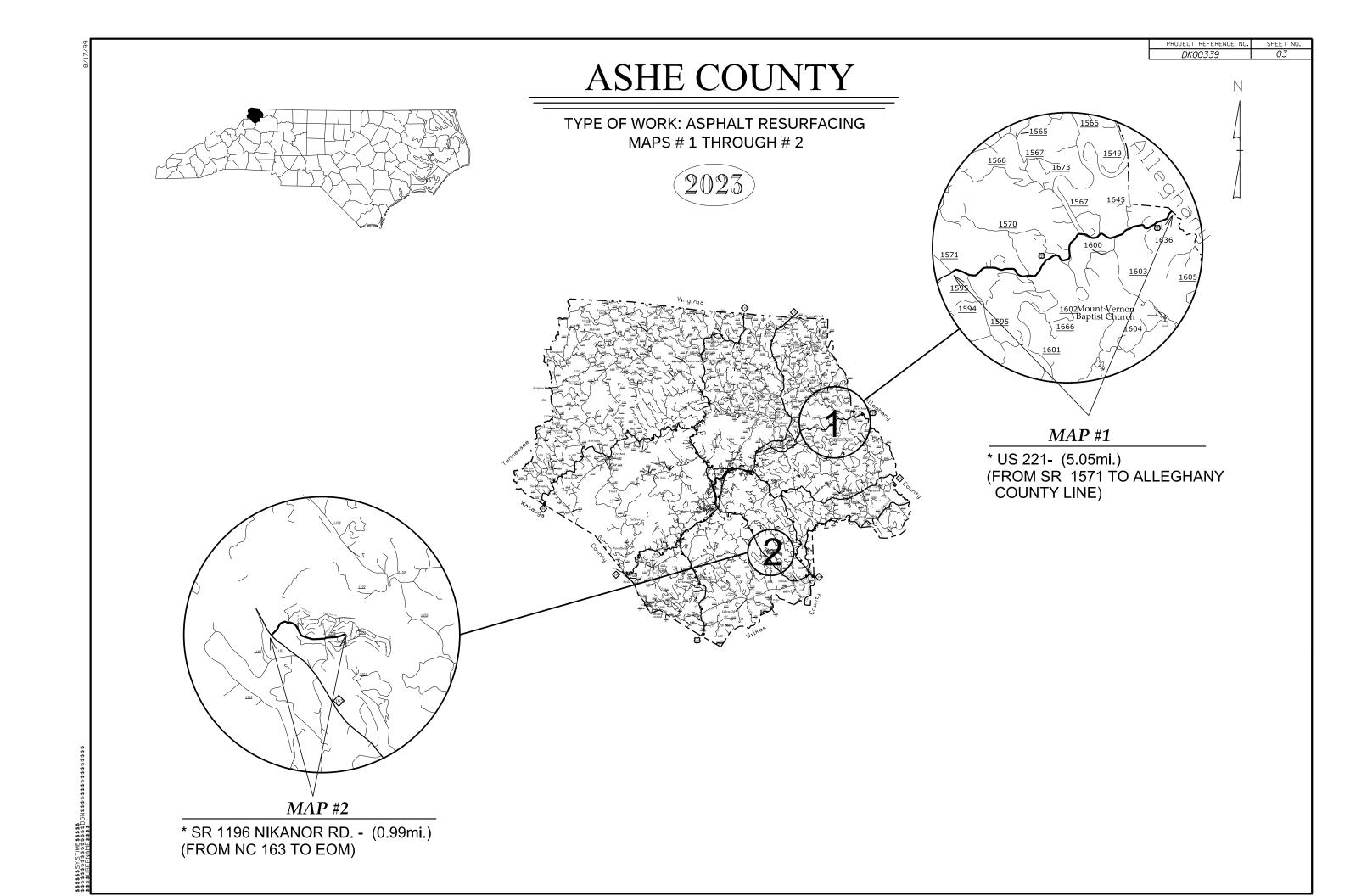
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN SCALE: N/A DATE: 8/16/2022

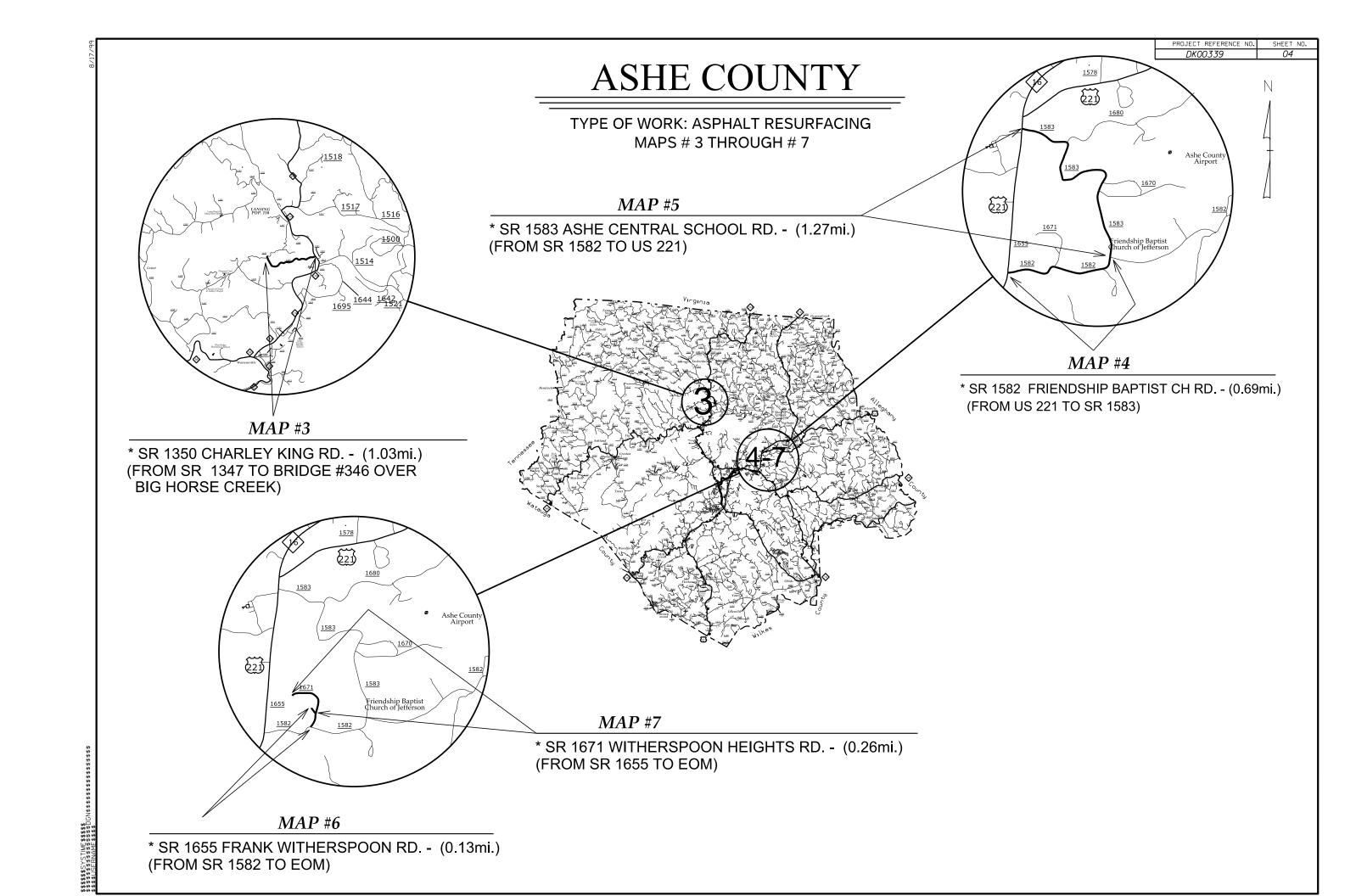
PREPARED BY: DON

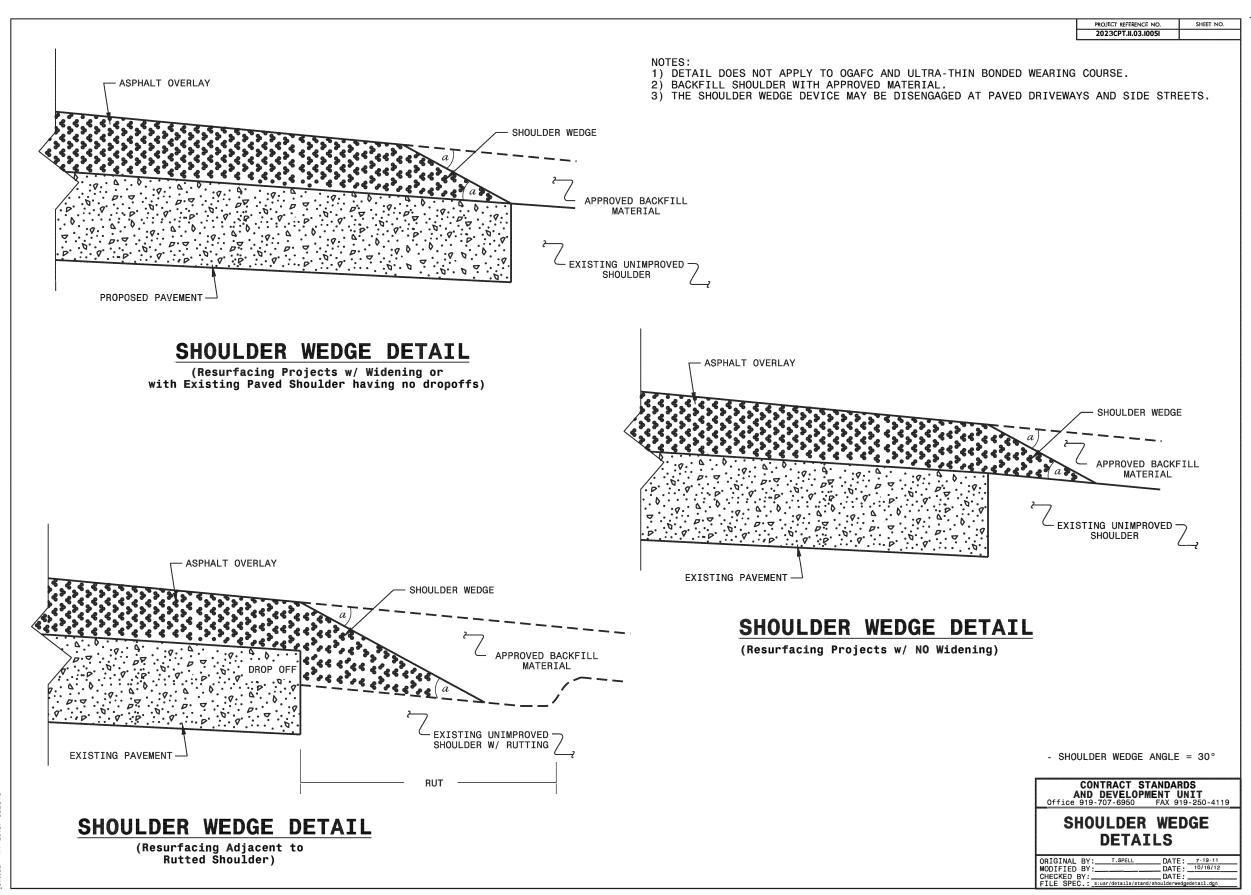
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** (Note: Asphalt Ditches may be present on any map. In such cases, the contractor is to clean ditches and refer to the corresponding detail for construction guidance as directed by the engineer.)







PROJ. REFERENCE NO. 2023CPT.II.03.I005I 2023CPT.II.03.2005I

SIGNING FOR RESURFACING PROJECTS

LEGEND - STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW CONSTRUCTION CONSTRUCTION (SEE NOTE BELOW) LIMITS LIMITS → 1000' OR MORE 1000' OR MORE → (SEE NOTE -Y3-(5) BELOW) 1 MILE SPACING (SEE NOTE BELOW)

TEE INTERSECTION

CONSTRUCTION

LIMITS

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

ION AN $\mathbf{\alpha}$ SH Ш О NO ER IGNING SO

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ROAD ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. WORK AHEAD W20-1 48" X 48" ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)

LOW/SOFT 3 SHOULDER / 48" X 48"

ROAD

UNDER

- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
- 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.
- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.

ROAD WORK G20-2 A 48" X 24"

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

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.

MAPS LESS THAN 2 MILES FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

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

-Y2-

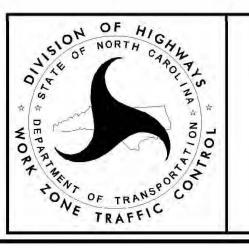
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



PLACED 250' IN ADVANCE OF FLAGGER.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING