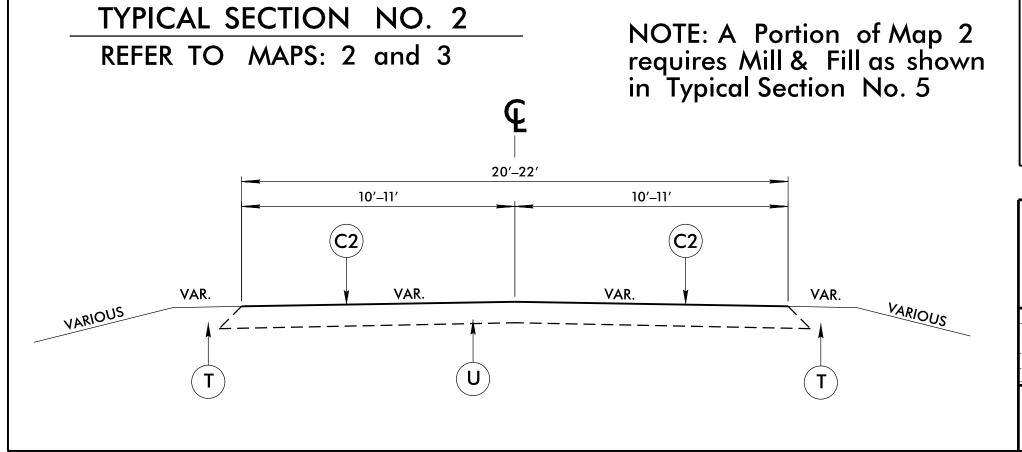
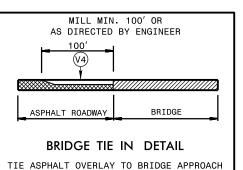
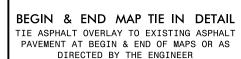


	PAVEMENT SCHEDULE
C1	PROPOSED: 1.5" Overlay, Type S 9.5 C AVERAGE ASPHALT RATE: 168 lbs. per Sq. Yd.
C2	PROPOSED: 1.5" Overlay, Type S 9.5 B AVERAGE ASPHALT RATE: 168 lbs. per Sq. Yd.
Т	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V4	INCIDENTAL MILLING (See Tie in Detail below)





SLABS OR AS DIRECTED BY THE ENGINEER



ASPHALT ROADWAY

MILL MIN. 50' OR

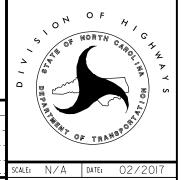
AS DIRECTED BY ENGINEER

YADKIN COUNTY PRIMARY ROADS ASPHALT RESURFACING

DIVISION II

REVISIONS INIT. DATE

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



EXISTING ASPHALT

SCALE: N/A DATE: 02/2017

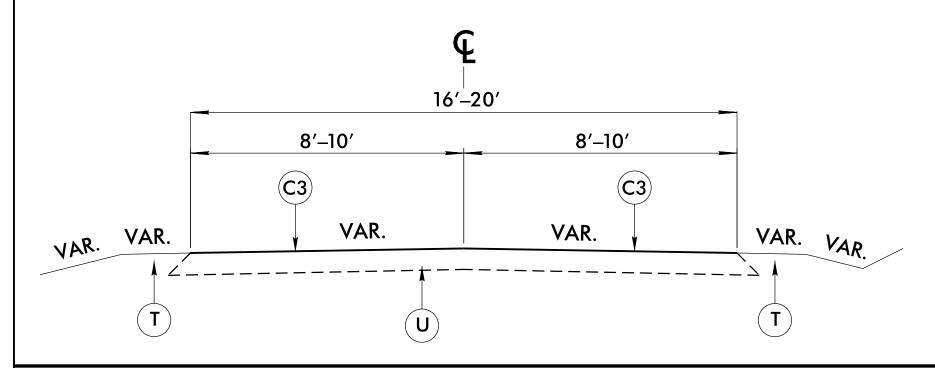
PREPARED BY: S.B. DARNELL

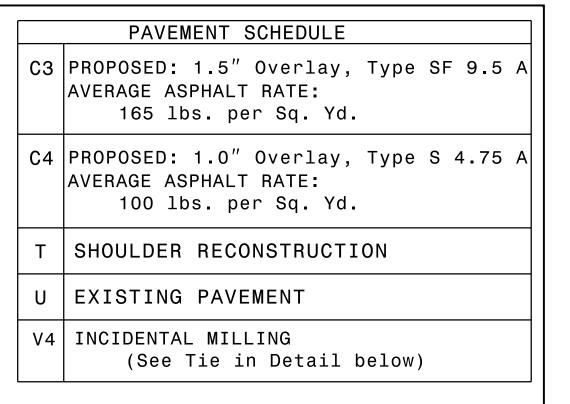
REVIEWED BY: J.D. WOOD

REVIEWED BY:

TYPICAL SECTION NO. 3

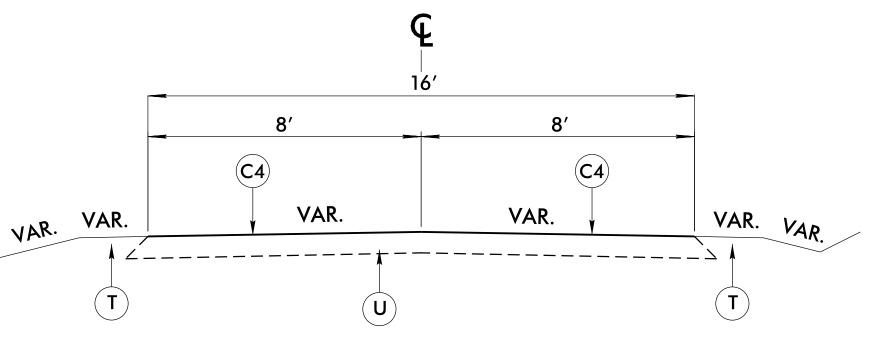
REFER TO MAPS: 4 thru 11; 13 thru 16

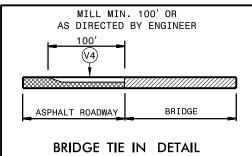




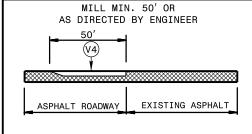


REFER TO MAPS: 12





TIE ASPHALT OVERLAY TO BRIDGE APPROACH SLABS OR AS DIRECTED BY THE ENGINEER



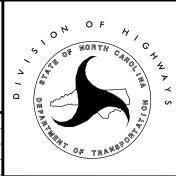
BEGIN & END MAP TIE IN DETAIL

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

YADKIN COUNTY SECONDARY ROADS ASPHALT RESURFACING

REVISIONS	INIT.	DATE													
			L												
			5												

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



SCALE: N/A DATE: 02/2017

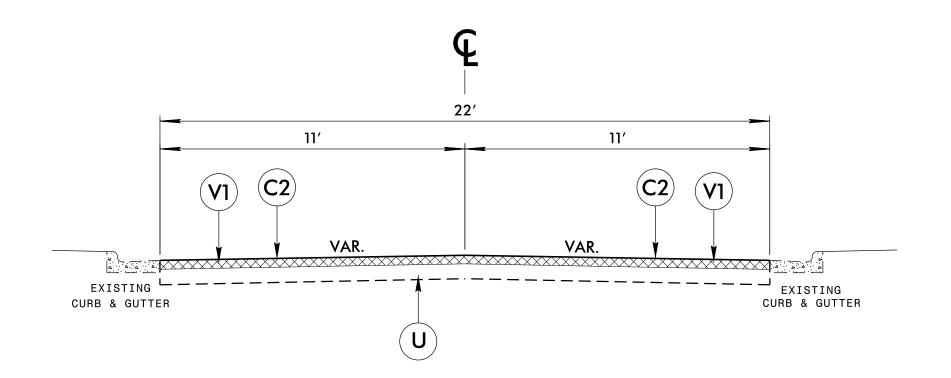
PREPARED BY: S.B. DARNELL

REVIEWED BY: J.D. WOOD

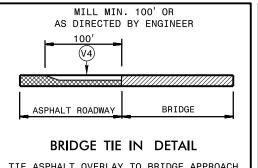
REVIEWED BY:

TYPICAL SECTION NO. 5

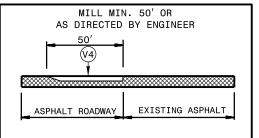
REFER TO MAP: Portion of Map 2 that is within Boonville which has Curb & Gutter



	PAVEMENT SCHEDULE
C2	PROPOSED: 1.5" Overlay, Type S 9.5 B AVERAGE ASPHALT RATE: 168 lbs. per Sq. Yd.
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1.5"
V4	INCIDENTAL MILLING (See Tie in Detail below)



TIE ASPHALT OVERLAY TO BRIDGE APPROACH SLABS OR AS DIRECTED BY THE ENGINEER

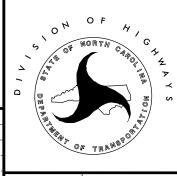


BEGIN & END MAP TIE IN DETAIL TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT BEGIN & END OF MAPS OR AS DIRECTED BY THE ENGINEER

YADKIN COUNTY PRIMARY ROADS ASPHALT RESURFACING

																																_	_			_		
	REVISIONS															1	NΙΤ	۲.	DATE			Ε																
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N.C. DEPARTMENT of TRANSPORTATION
DIVISION of HIGHWAYS
DIVISION ELEVEN



SCALE: N/A DATE: 02/2017
PREPARED BY: S.B. DARNELL
REVIEWED BY: J.D. WOOD
REVIEWED BY:

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.11.10.10991,		
2018CPT.11.10.20991		

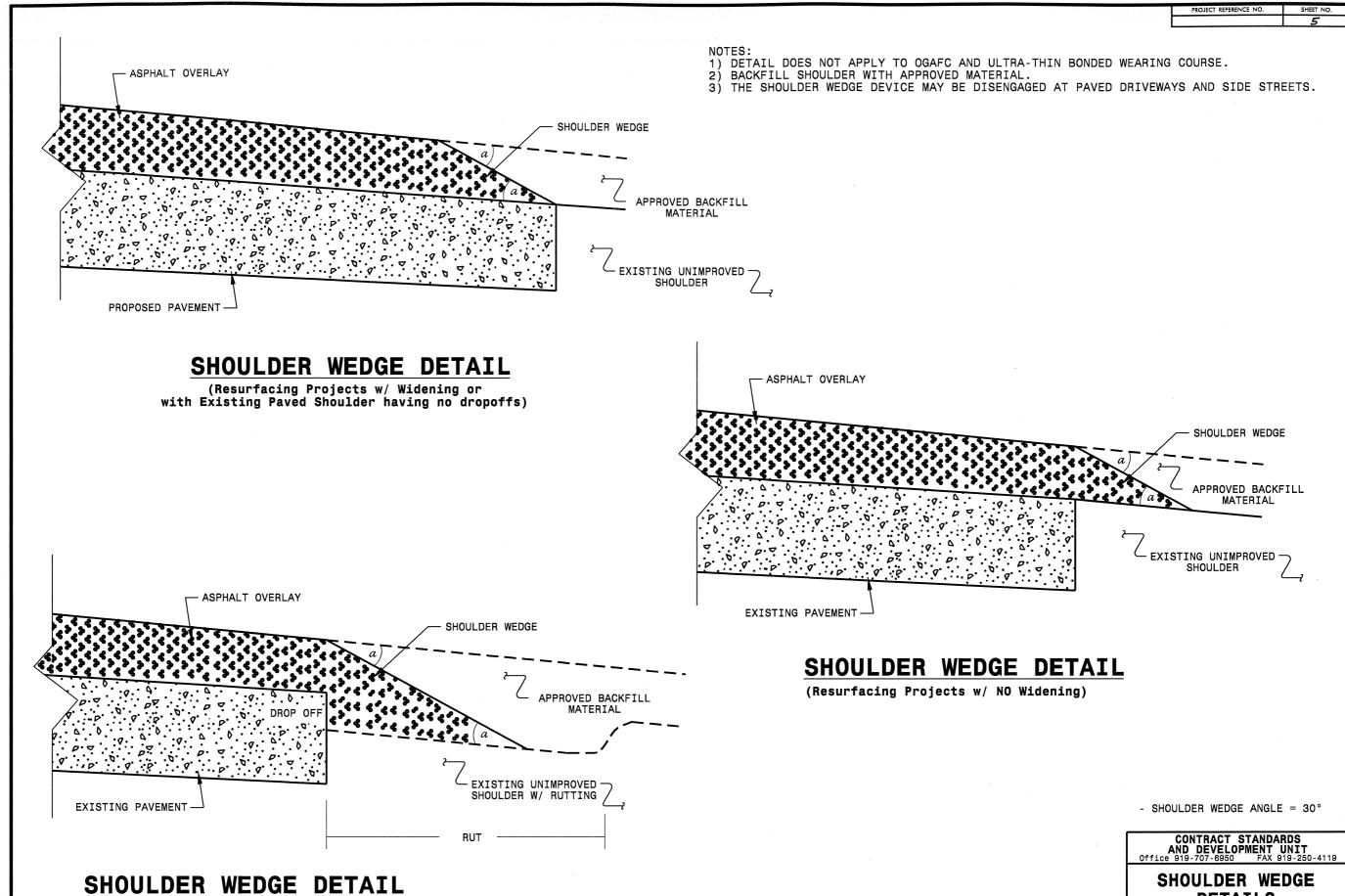
SUMMARY OF QUANTITIES

											3 0 141	IVIANI	O F	Q U A	. 14 1 1 1	ILJ										
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANE			WIDTH	BORROW	INCIDENTAL	SHOULDER	1½"	0" TO 1.5"	INCIDENTAL			SURFACE			PATCHING	MILLED RUMBLE	ADJ. OF	ADJ. OF	ADJ. OF	SEED &
							TYPE				STONE BASE	RECONSTRUCTION	MILLING	MILLING	MILLING	COURSE, S9.5B	S9.5C	COURSE, SF9.5A	COURSE, S4.75A	BINDER FOR PLANT MIX		STRIPS (ASPHALT CEMENT CONCRETE)	CATCH BASIN	MANHOLES	METER OR VALVE BOX	MULCHING
																33.32	33.30	0.0.07	0 0.11						V/1202 50/1	
NO		NO			NO			МІ	FT	CY	TONS	SMI	SY	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	LF	EA	EA	EA	AC
2018CPT.11.10.10991	Yadkin	1	US 421	FROM US 21 TO I-77	1	2	MD	2.36	32	346		4.72	3,975	1,250	360		5,184			306		24,922				0.85
2040007 44 40 40004	V 11:	_	116 604	50014 NO. 05 VARWANWA 5 70 NO. 67			23.44	6.70	22	4.000	226	40.44	7.704		275	7.000				450	400					
2018CPT.11.10.10991	Yadkin	2	US 601	FROM NCL OF YADKINVILLE TO NC 67	+-	2	2WL	6.72	22	1,008	336	13.44	7,724		275	7,809				469	400		2	3	4	2.42
2018CPT.11.10.10991	Yadkin	3	NC 67	FROM SR 1570 TO SR 1545	1	2	2WL	4.29	20	644	215	8.58			250	4,330				260	150					1.54
TOTAL FOR PROJ N	O. 2018CPT	.11.10.	10991		Щ.			13.37		1,998	551	26.74	11,699	1,250	885	12,139	5,184			1,035	550	24,922	2	3	4	4.81
					\top																					
2018CPT.11.10.20991	Yadkin	4	SR 1003	FROM SURRY COUNTY LINE TO SR 1536	2	2	2WL	1.38	20	207	35	2.76		111	250			1,389		93	50					0.50
2010CDT 11 10 20001	Was alleden	_	CD 1116	FROM MR 4 G TO CONSTRUCTION IOINT			214/1	1.4	10	210	25	2.00			250			1 260		05	60					0.50
2018CPT.11.10.20991	Yadkin	5	SR 1146	FROM MP 4.0 TO CONSTRUCTION JOINT	2	2	2WL	1.4	18	210	35	2.80			250			1,268		85	60					0.50
2018CPT.11.10.20991	Yadkin	6	SR 1150	FROM SR 1151 TO US 601	2	2	2WL	1.78	20	267	89	3.56			250			1,794		120	100					0.64
2018CPT.11.10.20991	Yadkin	7	SR 1314	FROM SR 1331 TO SR 1328	2	2	2WL	2.82	20	423	71	5.64		222	250	1		2,827		189	120					1.02
2018CPT.11.10.20991	Vadkin	8	SR 1370	FROM US 601 TO SR 1368	2	2	2WL	1.92	20	288	96	3.84			250			1,950		131	100					0.69
2010011.11.10.20331	Tuukiii	Ü	31(1370	110M 03 001 TO 3N 1300	+	_	2000	1.52	20	200	30	3.04			230			1,550		131	100					0.05
2018CPT.11.10.20991	Yadkin	9	SR 1503	FROM US 601 TO SR 1506	2	2	2WL	1.86	18	279	47	3.72		200	250			1,692		113	75					0.67
2018CPT.11.10.20991	Yadkin	10	SR 1509	FROM SR 1605 TO SR 1510	2	2	2WL	1.13	18	169	28	2.26			250	+		991		66	50					0.41
2018CPT.11.10.20991	Yadkin	11	SR 1570	FROM SR 1583 TO SR 1572	2	2	2WL	6.87	20	1,031	172	13.74			250			6,832		458	225					2.47
										ĺ																
2018CPT.11.10.20991	Yadkin	12	SR 1640	FROM SR 1605 TO END OF MAINT.	2	2	2WL	0.37	18	56		0.74				1			206	14	15					0.13
2018CPT.11.10.20991	Vadkin	12	CD 1700	EDOM SD 1605 TO SD 1624	2	2	2WL	0.62	16	93	16	1.24			250			484		32	20					0.22
2018CF1.11.10.20991	Taukiii	15	3K 1700	FROM SR 1605 TO SR 1634	+-		2000	0.62	10	93	10	1.24			230			404		32	20					0.22
2018CPT.11.10.20991	Yadkin	14	SR 1700	FROM SR 1146 TO CUL-DE-SAC	2	2	2WL	0.34	20	51	9	0.68			250			265		18	15					0.12
2018CPT.11.10.20991	Yadkin	15	SR 1733	FROM SR 1710 TO SR 1735	2	2	2WL	1.54	18	231	39	3.08		200	250	-		1,411	-	95	50					0.55
2018CPT.11.10.20991	Yadkin	16	SR 1710	FROM SR 1733 TO SR 1146	2	2	2WL	0.96	18	144	24	1.92	200	600	250			902		60	35					0.35
					T-	Ť		1				, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>				1		1	1							
TOTAL FOR PROJ N	O. 2018CPT	.11.10.	20991					22.99		3,449	661	45.98	200	1,333	3,000			21,805	206	1,474	915					8.28
					\top											Τ			I							
GRAM	ND TOTAL							36.36		5,447	1,212	72.72	11,899	2,583	3,885	12,139	5,184	21,805	206	2,509	1,465	24,922	2	3	4	13.09
		_								_			_					_								

PROJECT NO.	SHEET NO.	TOTAL NO.
2018CPT.11.10.10991,		
2018CPT.11.10.20991		

THERMOPLASTIC AND PAINT QUANTITIES

								4413000000-E	4457000000-N	491000	0000-E			0000-N		404710	0000-E	4947120000 F	4905000000-N		
PROJECT	COUNTY	MAD	POLITE	DESCRIPTION	TVD	LANES	LANE	LENGTH	WIDTH	WORK ZONE	TEMPORARY	481000 4" WHITE	4" YELLOW	PAINT STR	PAINT LT	PAINT RT	PAINT STR &	6" WHITE	6" YELLOW	12" WHITE	SNOW
PROJECT	COUNTY	IVIAP	KOOTE	DESCRIPTION	111	LAINES	TYPE	LENGIA	WIDIN	ADVANCE/GENERAL	TRAFFIC	PAINT	PAINT	ARROW	ARROW	ARROW	RT ARROW	POLYUREA	POLYUREA	POLYUREA	PLOWABLE
							11172			WARNING SIGNING	CONTROL	FAINI	FAINI	AKKOW	ARROW	ARROW	KTAKKOW	(HIGHLY	(HIGHLY	(HIGHLY	MARKERS
										WARRING SIGINING	CONTROL							REFLECTIVE	REFLECTIVE	REFLECTIVE	WIARRERS
																		ELEMENTS)	ELEMENTS)	ELEMENTS)	
NO		NO			NO					SF	LS	LF	LF	EA	EA	EA	EA	LF	LF	LF	EA
					1											_,,					
20400DT 44 40 40004	V 11 ·		424	50014115 04 70 1 77		_		2.26	22	460	4.00			4.6				10.153	40.570	4.500	100
2018CPT.11.10.10991	Yadkin	1	US 421	FROM US 21 TO I-77	1	2	MD	2.36	32	160	1.00			16	4	4		19,163	12,579	4,500	189
2018CPT.11.10.10991	Yadkin	2	US 601	FROM NCL OF YADKINVILLE TO NC 67	1	2	2WU	6.72	22	300	*	144,614	144,614		6	4	2				470
2018CPT.11.10.10991	Yadkin	3	NC 67	FROM SR 1570 TO SR 1545	1	2	2WU	4.29	20	250	*	92,321	92,321								300
								13.37		710	1.00	236,935	236,935	16	10	8	2	19,163	12,579	4,500	959
TOTAL FOR PROJ NO	D. 2018CPT	.11.10.	.10991					13.37		710	1.00	230,333	230,333	10	10			15,105	12,373	4,500	333
															_	_					
												473	,870		3	16		31,	742		1
2018CPT.11.10.20991	Yadkin	4	SR 1003	FROM SURRY COUNTY LINE TO SR 1536	2	2	2WU	1.38	20	120	*	29,698	29,698								97
												, , , , , , , , , , , , , , , , , , , ,	,,,,,,,								-
2019 CDT 11 10 20001	Yadkin	5	SR 1146	FROM MP 4.0 TO CONSTRUCTION JOINT	2	2	2WU	1.4	18	120	*	30,128	30,128								98
2018CPT.11.10.20991	Yaukin	Э	SK 1146	FROM MP 4.0 TO CONSTRUCTION JOINT	2	2	2000	1.4	18	120	·	30,128	30,128								98
2018CPT.11.10.20991	Yadkin	6	SR 1150	FROM SR 1151 TO US 601	2	2	2WU	1.78	20	120	*	38,306	38,306								125
2018CPT.11.10.20991	Yadkin	7	SR 1314	FROM SR 1331 TO SR 1328	2	2	2WU	2.82	20	250	*	60,686	60,686								197
2018CPT.11.10.20991	Yadkin	8	SR 1370	FROM US 601 TO SR 1368	2	2	2WU	1.92	20	200	*	41,318	41,318								134
20100/ //11/10/2005	raum		511 157 0	1.10.11.00.001.10.01.1000	<u> </u>	_		1.52		200		11,010	11,515								20.
2010CDT 11 10 20001	V - distri		CD 4503	EDOMALIS COA TO CD 1505	_	2	214/11	1.00	10	150	*	40.027	40.027								
2018CPT.11.10.20991	Yadkin	9	SR 1503	FROM US 601 TO SR 1506	2	2	2WU	1.86	18	150	Ť	40,027	40,027								
2018CPT.11.10.20991	Yadkin	10	SR 1509	FROM SR 1605 TO SR 1510	2	2	2WU	1.13	18	100	*	24,318	24,318								
2018CPT.11.10.20991	Yadkin	11	SR 1570	FROM SR 1583 TO SR 1572	2	2	2WU	6.87	20	300	*	147,842	147,842								481
2018CPT.11.10.20991	Yadkin	12	SR 1640	FROM SR 1605 TO END OF MAINT.	2	2	2WU	0.37	18	75	*										
	. aakiii		5 10-10	THE STATE OF THE S	+-			0.57	10	13											<u> </u>
2010CDT 44 40 20004	Va dilitir	13	CD 4700	FDOM CD 1005 TO 00 4034		١ ,	214/11	0.63	10	100	*	12.242	12 242								
2018CPT.11.10.20991	Yadkin	13	SR 1700	FROM SR 1605 TO SR 1634	2	2	2WU	0.62	16	100	*	13,342	13,342	 							
																					1
2018CPT.11.10.20991	Yadkin	14	SR 1700	FROM SR 1146 TO CUL-DE-SAC	2	2	2WU	0.34	20	100	*	7,317	7,317	ļ							ļ
2018CPT.11.10.20991	Yadkin	15	SR 1733	FROM SR 1710 TO SR 1735	2	2	2WU	1.54	18	275	*	33,141	33,141								<u> </u>
																					1
2018CPT.11.10.20991	Yadkin	16	SR 1710	FROM SR 1733 TO SR 1146	2	2	2WU	0.96	18	275	*	20,659	20,659								
					† -							-,	1,								1
								22.99		2,185		486,782	486,782								1,132
TOTAL FOR PROJ NO	D. 2018CPT	.11.10.	.20991		1		1	22.99	 	2,183		400,/82	400,/82	+		l .	1		<u>l</u>		1,132
																					1
					<u> </u>		<u> </u>					973	,564								j
								36.36		2,895	1	723,717	723,717	16	10	8	2	19,163	12,579	4,500	2,091
GRAN	ID TOTAL				1				<u> </u>	_,,,,,	<u>-</u>	,	,	† <u></u>			-	,	,_,	.,555	_,
													7.424		_				742		1
							1					1,44	1,434		3	16		31,	742		l .

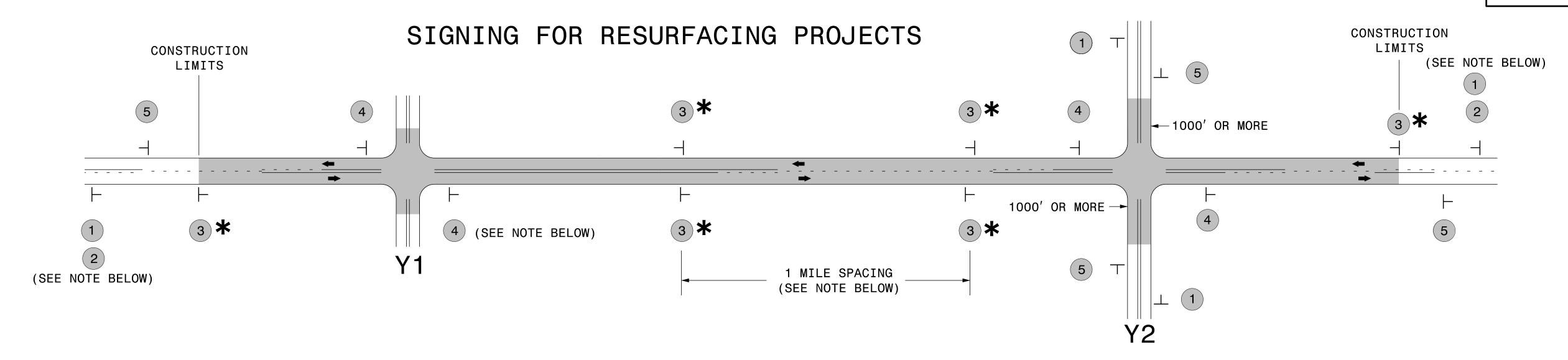


DETAILS

ORIGINAL BY: MODIFIED BY:

(Resurfacing Adjacent to Rutted Shoulder)

PROJ. REFERENCE NO. SHEET NO.



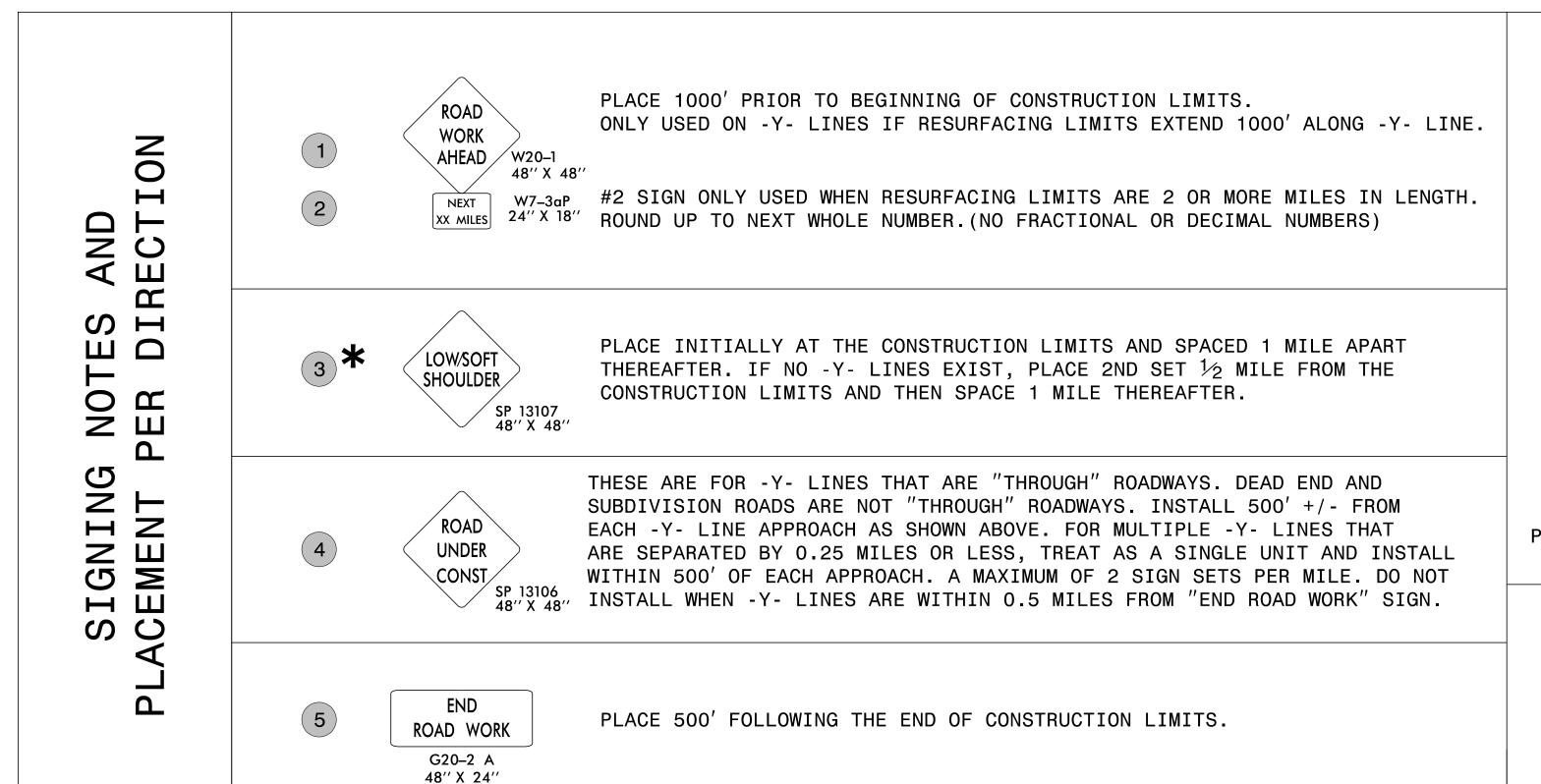
LEGEND

├─ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

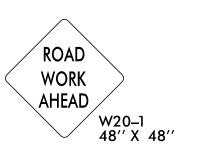


NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

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.

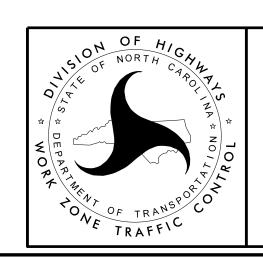




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

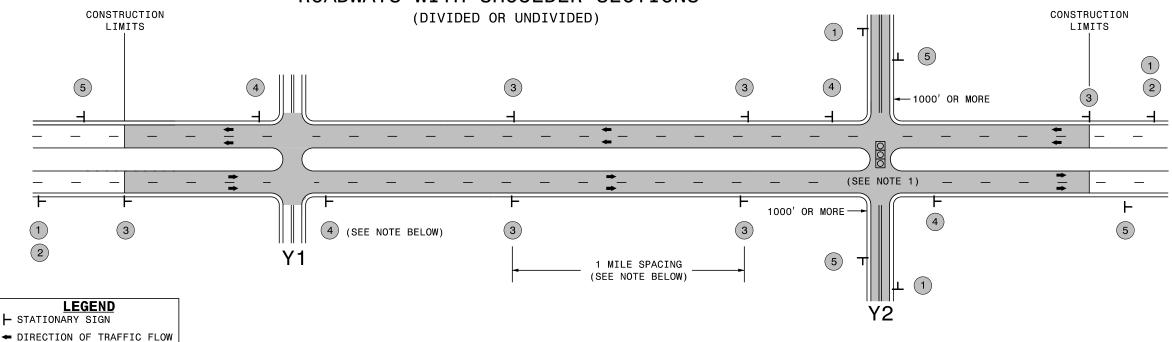
SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS: STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

pps/WorkZoneGeneral/ExternalWebPage\DesRes\Documents\Resurfacing\Resurfacing_AdvW

SIGNING FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS WITH SHOULDER SECTIONS



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ROAD ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. WORK NOTES AND PER DIRECTION AHEAD W20-1 #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) PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART LOW/SOFT (3) THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE SHOULDER CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER. SIGNING PLACEMENT P THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM ROAD` EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT UNDER 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. PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS. ROAD WORK G20-2 A 48" X 24"

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

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.





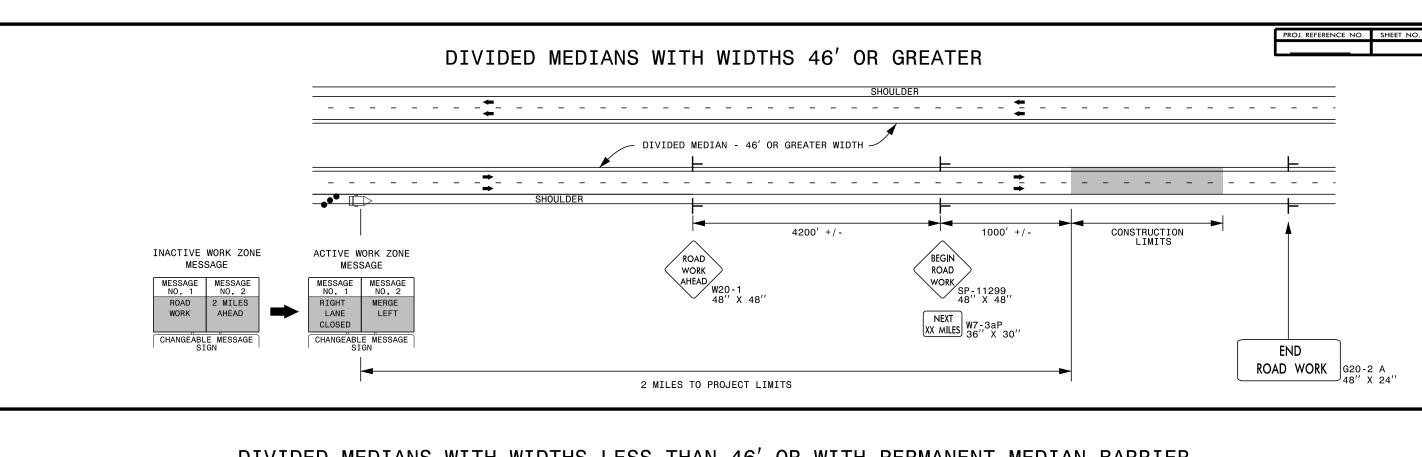
PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER

NOTES:

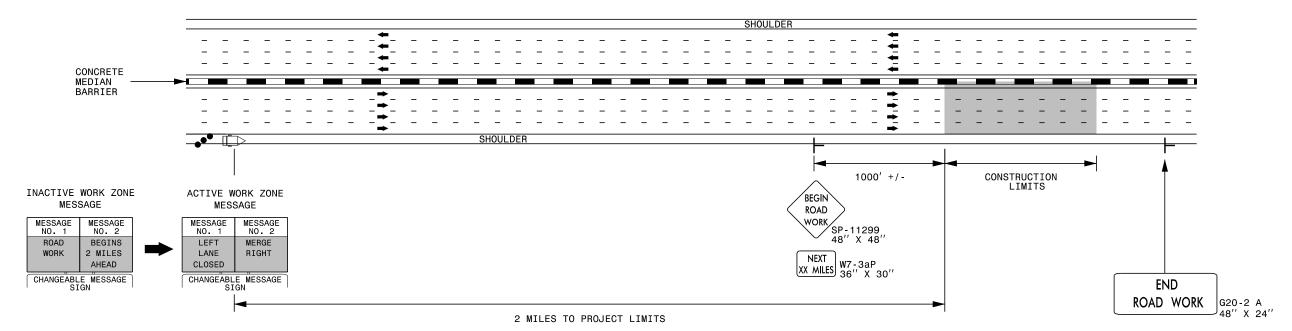
1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.



RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS (DIVIDED OR UNDIVIDED)



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER



NOTES:

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMPS 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMPS WITHIN THE WORK ZONE.

TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

6) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE



RESURFACING ADVANCE WARNING SIGNS FOR HIGH SPEED FACILITIES ≥ 60 MPH

LEGEND

DIRECTION OF TRAFFIC

CHANGEABLE MESSAGE

- STATIONARY SIGN

TRAFFIC DRUM