



		Dk	(00399	01
PAVEMENT	SCI	IEDULE		
PROP. APPROX. 1½" ASPHALT CONCR AN AVERAGE RATE OF 168 LBS. PER S	ETE S Q. YD	URFACE COU	RSE, TYPE S9.5C	,
SHOULDER RECONSTRUCTION				
EXISTING PAVEMENT				
MILLING OF EXISTING ASPHALT PA	VEME	ENT AT DEPT	ſH OF 1½"	
INCIDENTAL MILLING (See Tie in De	etail)			
		AS [MILL MIN. 50' DIRECTED BY EI	OR NGINEER
ASF BEI TIE P/	GIN GIN AVEME	ROADWAY	EXISTING ASF	PHALT
TIE A SLA	A RC BR SPHAL BBS OF		MILL MIN. 100' S DIRECTED BY EF BRIDGE BRIDGE IN DETAIL O BRIDGE APPRO D BY THE ENGINE	OR IGINEER
E: TYPICALS ARE NOT TO	SC	ALE		
CALDWELL COUNT PRIMARY ROADS 2025 ASPHALT RESURFA REVISIONS	NIT. DATE	A T O	TRANSPORT	
				0//0/07
			SCALE: N/A D PREPARED BY:	ATE: 9/10/2024 DLH
N.C. DEPARTMENT of TRANSPO DIVISION of HIGHWAYS DIVISION ELEVEN	ктат	ION	REVIEWED BY: REVIEWED BY:	

PROJECT REFERENCE NO.





		PROJECT	REFERENCE NO.	SHEET NO.
			00000	
PAVE	EMENT SCH	IEDULE		
PROP. APPROX. 1½" ASPHAI AN AVERAGE RATE OF 168 L	LT CONCRETE SI .BS. PER SQ. YD.	URFACE COU	RSE, TYPE S9.50	,
SHOULDER RECONSTRUC	TION			
EXISTING PAVEMENT				
MILLING OF EXISTING ASF	PHALT PAVEME	NT AT DEPI	ΓΗ OF 1½"	
INCIDENTAL MILLING (See	e Tle In Detall)			
ſ			MUL MIN 50'	OR
		AS [DIRECTED BY E	NGINEER
	-	50'		
	ASPHALT		EXISTING ASF	
	BEGIN 8	& END MA	P TIE IN DE	TAIL
	TIE ASPH/ PAVEME	ALT OVERLAY	TO EXISTING ASP	HALT R AS
		IRECTED BY 1	THE ENGINEER	
·				
E: TYPICALS ARE N	IOT TO SC	ALE		
CALDWELL C	COUNTY		S OLVER NO	N 11 C
2025 ASPHALT RE	COADS SURFACIN	IG		ANOL . X
REVISIONS		INIT. DATE	La THEAK	A A A A A A A A A A A A A A A A A A A
			OF	TRAND
			SCALE: N/A D	ate: 9/10/2024 DLH
N.C. DEPARTMENT of T	RANSPORTATI	ION	REVIEWED BY:	
DIVISION OF THE	J I I I I I I I I I I I I I I I I I I I		REVIEWED BY:	

REVIEWED BY:

DIVISION ELEVEN



																						PROJE	CT NO.	SHEET NO.
																						DK0)399	5
									S	SUM	MA	RY OF	QUANTI	TIES										
	Discription Type Image: Note of the construction of the construct															2845000000-N	7324000000-N	7444000000-E						
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NC	D LANES	LANE	LENGTH	WIDTH I	BEGIN MP	END MP	INCIDENTAL	SHOULDER	AGGREGATE	11/2" MILLING	INCIDENTAL	SURFACE	ASPHALT	ADJUST OVERSIZED	ADJUST DROP	ADJUST	ADJUST METER	JUNCTION BOX	INDUCTIVE
							TYPE					STONE BASE	RECONSTRUCTION	SHOULDER		MILLING	COURSE, S9.5C	BINDER FOR	MANHOLE	INLET	MANHOLES	OR VALVE BOX	(STANDARD	LOOP SAWCUT
														BORROW				PLANT MIX					SIZE)	
								MI	FT			TONS	SMI	TON	SY	SY	TONS	TON	EA	EA	EA	EA	EA	LF
				FROM ±1600' SOUTH OF SR 1108 TO																				
2025CPT.11.02.1014	Caldwell	1	US-321 SB	±350' SOUTH OF US 321A	1	2		5.13	32	25.80	30.93	103	5.1	1,411	104,004	2,500	9,340	551			6	6	4	1,525
2025CPT.11.02.1014	Caldwell	2	RMP-2283 OI	FROM US 321 SB TO ARCHER ST (NS)	2	2	2WU	0.15	25	0.00	0.15	3	0.2	41	2,200	139	214	13						
2025CPT.11.02.1014	Caldwell	3	RMP-2284 OI	FROM ARCHER ST (NS) TO US 321 SB	3	2	2WU	0.11	25	0.02	0.13	2			1,907	139	157	9						
2025CPT.11.02.1014	Caldwell	4	RMP-2287 OI	FROM US 321 SB TO US 321 ALT	4	2		0.08	20	0.00	0.08		0.1	22	939	111	91	5						
2025CPT.11.02.1014	Caldwell	5	RMP-2288 OI	FROM US 321 ALT TO US 321 SB	4	2		0.06	20	0.00	0.06		0.1	17	704	222	68	4						
				FROM SR 1108 TO ±150' NORTH OF																				
2025CPT.11.02.1014	Caldwell	6	US-321 ALT	SR 1130	5	2	2WU	3.05	24	3.04	6.09	61	3.1	839	42,944	533	4,170	246	2	4		32	1	1,500
TOTAL FOR PR	OJ NO. 2025	5CPT.11.02	2.10141					8.58				169	8.5	2,330	152,698	3,644	14,040	828	2	4	6	38	5	3,025
	GRAND TOT	TAL						8.58				169	8.5	2,330	152,698	3,644	14,040	828	2	4	6	38	5	3,025
				Mileage Maps																				

																									PROJECT NO.	SHEET NO.
																									DK00399	6
												TH	ERMOPL	ASTIC	AND	PAINT	QUAN	TITIES								
												4413000000-E	451000000-N	4695000000-E				47250	100000-E				4709000000-E	4890000	000-E	4895000000-N
PROJECT NO	COUNT	Y MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	I WIDTH	BEGIN MP	END MP	WORK ZONE Advance/general Warning Signing	LAW ENFORCEMENT	THERMOPLASTIC PAVEMENT MARKING LINES, 8", 90 MIL	THERMOPLASTIC STRAIGHT ARROW 90 MIL	C THERMOPLASTIC STRAIGHT & LEFT ARROW 90 MIL	THERMOPLASTIC LEFT ARROW 90 MIL	C THERMOPLASTIC MERGE ARROW 90 MIL	THERMOPLASTIC STRAIGHT & LEFT ARROW 90 MIL	THERMOPLASTIC Straight & Right Arrow 90 Mil	THERMOPLASTIC LEFT & RIGHT ARROW 90 MIL	THERMOPLASTIC LEFT STRAIGHT RIGHT ARROW 90 MIL	THERMOPLASTIC PAVEMENT MARKING Lines, 24", 90 Mil	GENERIC MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 4", 55 MIL	GENERIC MARKING ITEM HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, 8*, 55 MIL	GENERIC PAVEMENT MARKING ITEMPOLYCARBONATE H-SHAPED MARKER
				FROM ±1600' SOUTH OF SR 1108 TO	0																					
2025CPT.11.02.1014	1 Caldwe	Ա 1	US-321 SB	±350'SOUTH OF US 321A	1	2		5.13	32	25.80	30.93	298	40	750	14	15	33	1	1	2			200	60,945	1,000	677
2025CPT.11.02.1014	1 Caldwe	ll 2	RMP-2283 OI	FROM US 321 SB TO ARCHER ST (NS	6) 2	2	2WU	0.15	25	0.00	0.15	112												1,585		
2025CPT.11.02.1014	1 Caldwe	ll 3	RMP-2284 OI	FROM ARCHER ST (NS) TO US 321 SE	B 3	2	2WU	0.11	25	0.02	0.13	112												1,162		
2025CPT.11.02.1014	1 Caldwe	ll 4	RMP-2287 OI	FROM US 321 SB TO US 321 ALT	4	2		0.08	20	0.00	0.08	112				2								880	135	
2025CPT.11.02.1014	1 Caldwe	ll 5	RMP-2288 OI	FROM US 321 ALT TO US 321 SB	4	2		0.06	20	0.00	0.06	112				1								660	265	
2025CPT.11.02.1014	1 Caldwe	ш 6	US-321 ALT	FROM SR 1108 TO ±150' NORTH OF SR 1130	5	2	2WU	3.05	24	3.04	6.09	226	40		2		3			1	1	1	250	65,636	200	201
TOTAL FOR PE	101 NO 20	25C PT 11 01	10141					8.58				972	80	750	16	18	36	1	1	3	1	1	450	130,868	1,600	878
13TAL FOR FF																			77					132,918		
					_	_	_	_	_																	
	8.58											972	80	750	16	18	36	1	1	3	1	1	450	130,868	1,600	878
1	GRAND I	JIAL															•		77					132,918		1
				Mileage Maps																						





7 WZTC/Resurfacing/2L2W & AST Resurfacing Details/Resurfacing_AdvWarn_2Ln.



3/23/2015 C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_UrSu_Shldr.d User:rmaarrett

SIGNING FOR RESURFACING PROJECTS

CE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.	NO REQUIRED SI FOLLOWING
Y USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	1) LESS THAN ⁻ 2) SUBDIVISION 3) DEAD END BO
SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	
	WHEN PAVING/CONSTRUCT -Y- LINE, ADVANCE WARI -Y- LINE AS SHOWN BEL
CE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART REAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET $\frac{1}{2}$ MILE FROM THE STRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	ROAD
E ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND IVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL IN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT	PLACED 500' IN ADVANCE O
ALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.	NOTES:
CE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	1) MAY USE LAW ENFORCEME INTERSECTIONS AS DIRE "ROAD WORK AHEAD" (W2 APPROACHES FROM THE S THE INTERSECTION.





TYPICAL DETAIL OF PROJECT LIMITS AT SIGNALIZED Y LINES

TYPICAL DETAIL OF PROJECT LIMITS AT

	ADDITIONAL INTERSECTIONS (NON-TYPICAL)												
	Extend paving limits to back of radius or loop on the following intersections:												
MAP#	STREET NAME	COMMENTS											

PROJECT REFERENCE NO.	SHEET NO.
DK00399	10
<u> </u>	
<u> </u>	
EXTEND LIMITS TO BACK OF RADIUS ON	
STATE MAINTAINED ROADS AS DIRECTED BY THE ENGINEER	

UNSIGNALIZED Y LINES



	PROJECT REFERENCE NO.	SHEET NO.
	U-6036	Sig 3.2
6 Phase Fully Actuated Isolated		
NOTES		
 Refer to "Roadway Drawings NCDOT" d 2024, "Standard S for Roads and Str dated January 202 Do not program si night flashing op unless otherwise the Engineer. Phase 1 and/or ph lagged. The order of phas 4 may be reversed Reposition existi heads numbered 32 Set all detector presence mode. Omit "WALK" and f "DON'T WALK" with pedestrian calls. Program pedestria countdown the fla Walk" time only. 	Standard ated January pecifications uctures" 4. gnal for late eration directed by ase 5 may be e 3 and phase ng signal and 33. units to lashing no n heads to shing "Don't	
I FG	END	
<u>PROPOSED</u>	<u>EXI</u>	<u>STING</u>
○→ Traffic S	ignal Head 🛛 🗨	
● → Modified S	Signal Head N	1/A
r − − − − − − − − − − − − − − − − − − −	signal Head	
₩ith Push B	utton & Sign	<u>↓</u>
Signal Pole wi	th Sidewalk Guy	
Inductive L	oop Detector	
	r & Cabinet	.×_' ■
— 2-in Undera	round Conduit —	-
N/A Right	of Way ——	·
Directio	nal Arrow —	\rightarrow

PROGRAMMING

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() (6A)

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8.

Type I Pushbutton Post æ \bigcirc Type II Signal Pedestal N/A Curb Ramp Directional Drill N/A ____ DD ____ $\langle A \rangle$ (A)"YIELD" Sign (R1-2) "U-TURN YIELD TO RIGHT TURN" Sign (R10-16) ₿ Left Turn Only Sign (R3-5L) \bigcirc Left/Straight Arrow Sign (R3-6L) $\langle D \rangle$ \bigcirc Pedestrian Sign (W11-2) and Diagonal Downward Arrow (W16-7p) Ē Ē

DOCUMENT NOT CONSIDERED EINIAL LINILESS ALL

1	. Upgrade-F	inal Design		FINAL UNLESS ALL SIGNATURES COMPLETED
	Prepared for: Nobility one Sole of Division	US 321 (Hickory B at SR 1109 (Pinewood	lvd.) Rd.)	SEAL CARO PROFESSION SEAL
	The second second	Division 11 Caldwell County	Granite Falls	043914
Ond	Design Section	PLAN DATE: August 2023 REVIEWED BY:	R.N. Zinser	C, NGINEER, S
fie	ld Pkwy.Garner.NC 27529	PREPARED BY: T.A. Kenion REVIEWED BY:		ARD N. ZINI
\backslash	SCALE	REVISIONS	INIT. DATE	DocuSigned by: 7. 12/04/2023
				K. Nicholas Linser LI, 61, 2025
	1 '' = 4 0 '			SIG. INVENTORY NO. 11-0082

			PHASI	NG	DIA	GRA	M					
											<u>SIGNA</u>	L FACE I.D.
							· · · · · · · · · · · · · · · · · · ·	\backslash			() D	ENOTES L.E.D
		02+6 02+5					Ø3+8			€ € 1 3	€ 12 ⁺ 1, 12, 51 1,32	R 12" Y 12" G 12" 21, 1, 42 61, 62 81
		01+6	01+5			<	Ø4+8 <u>PHASING DI</u> ● DETEC – UNDET – UNSIGN – > PEDES	AGRAM DETEC TED MOVEMEN ECTED MOVEM NALIZED MOVE TRIAN MOVEME &	TION LEGEND T IENT (OVERLAF MENT ENT	2)		
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LOOP NO. 1A 1B 2A 2B 3A 3B	INDUC SIZE (ft) 6X40 6X40 6X6 6X6 6X6 6X40 6X40	TIVE L TURN 2-4-2 2-4-2 5 5 2-4-2 2-4-2	170 (OOPS IS DIST. FROM STOPBAR (ft) 2 0 2 0 420 420 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	X X X X X X X X X X X X X X X X X X X	PMINEMA PHASE 1 1 2 3 3		CABINET DETECTOR IMING CARRY (STRETCH) - SEC. - SEC. - SEC. - SEC. - SEC. - SEC.	ATTRIBUT ATTRIBUT 1 2 3 4 5 MOINNELLS 1 2 3 4 5 MOINNELS 1 2 3 5 MOINNELS 1 2 3 5 MOINNELS 1 2 5 MOINNEL	AING AING Carring	STATUS MAN X - X - X - X - X - X - X - X - X - X -		,
3B 4A	6X40	2-4-2	2 0	^ X	4	- DELA	Y 3 SEC.	X	- X	X - X -		
4B	6X40	2-4-2	2 0	X	4	-	- SEC.	- - - X	- X	X - X -		
6A	6X6	5	420	x	6	-	- SEC.	X X	- X	x -		
6B	6X6	5	420	X	6	-	- SEC.	X X	- X	X -		
8A 8B	6X40	2-4-2	2 0		8 8	DELA	Y 15 SEC.	X	- X	X -		
				E_		TINAU						
						170	Controller	·				
PHASE			01		02	2	03	04	05	06	08	
	INITAL*	I+	7 SEC.	 	12 6.0	SEC. SEC.	7 SEC.	10 SEC.	7 SEC.	12 SEC. 6.0 SEC.	/ SEC. 2.0 SEC.	-
YELLOW	CHANGE	INT.	3.0 SEC.	<u> </u>	5.1	SEC.	3.0 SEC.	3.7 SEC.	3.0 SEC.	5.5 SEC.	3.8 SEC.	
RED CLE	ARANCE		3.5 SEC.		1.4	SEC.	3.5 SEC.	2.5 SEC.	3.3 SEC.	1.0. SEC.	2.5 SEC.	-
			25 SEC.		90 RFC/	SEC.	25 SEC.	20 SEC.	20 SEC.	90 SEC.	20 SEC.	-
VEHICLE	CALL MEM	IORY	NONLOCK	YE	LLOV	V LOCK	NONLOCK	NONLOCK	NONLOCK	YELLOW LOCK	NONLOCK	
DOUBLE E	INTRY		OFF		ÖF	F	OFF	OFF	OFF	OFF	ON	-
WALK*			- SEC.		- S	EC.	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.	-
CEACLINI/		1/1 1/ E	- SEC.		- S	EC.	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.	1
TYPE 21	G DON'T W		. SEC		_ c	EC	- SEC	- SEC	- SEC	- SEC	- SEC	-
TYPE 3 LI ADD PER	g don't v Imit Vehicle'		- SEC.		- S	EC. EC.	- SEC. - SEC.	- SEC. - SEC.	- SEC. - SEC.	- SEC.	- SEC. - SEC.	-
TYPE 3 LI ADD PER MAXIMUN	G DON'T W IMIT VEHICLE' // INITIAL*	•	- SEC. - SEC. - SEC.		- S 1.5 S 46.0 S	EC. EC. EC.	- SEC. - SEC. - SEC.	- SEC. - SEC. - SEC.	- SEC. - SEC. - SEC.	- SEC. 1.5 SEC. 46.0 SEC.	- SEC. - SEC. - SEC.	
TYPE 3 LI ADD PER MAXIMUN MAXIMUN	G DON'T W IMIT VEHICLE' / INITIAL* / GAP*		- SEC. - SEC. - SEC. 1.0 SEC.		- S 1.5 S 46.0 S 7.0 S	EC. EC. EC.	- SEC. - SEC. - SEC. 1.0 SEC.	- SEC. - SEC. - SEC. 2.0 SEC.	- SEC. - SEC. - SEC. 1.0 SEC.	- SEC. 1.5 SEC. 46.0 SEC. 7.0 SEC.	- SEC. - SEC. - SEC. 2.0 SEC.	* THESE VALUES ADJUST MIN G
ADD PER MAXIMUN MAXIMUN REDUCE	G DON'T W IMIT VEHICLE ⁴ A INITIAL [*] A GAP [*] 0.1 SEC E	VERY*	- SEC. - SEC. - SEC. 1.0 SEC. - SEC.		- S 1.5 S 46.0 S 7.0 S 1.5 S	EC. EC. EC. EC. EC.	- SEC. - SEC. - SEC. 1.0 SEC. - SEC.	- SEC. - SEC. - SEC. 2.0 SEC. - SEC.	- SEC. - SEC. - SEC. 1.0 SEC. - SEC. 1.0 SEC.	- SEC. 1.5 SEC. 46.0 SEC. 7.0 SEC. 1.5 SEC. 3.0 SEC.	- SEC. - SEC. - SEC. 2.0 SEC. - SEC. 2.0 SEC.	* THESE VALUE ADJUST MIN G 2 AND 6 LOWE ALL OTHER PI

