

* These values may be field adjusted. Do not adjust Min Green and Passage times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

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MIN RECALL

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Advance Walk

Vehicle Recall

Dual Entry

Non Lock Detector

			PROJECT REFERENCE NO.SHEET NO.R-5726Sig.4.0
<u>ASES</u>	TABLE OF OPERATION	MAXTIME DETECTOR INSTALLATION CHART	N-5720 519.4.0
	PHASE	DETECTOR PROGRAMMING	
	SIGNAL 1 2 TC R F		4 Phase
	FACE + + 3 4 A E W 1 A 6 6 6 CA E S		Fully Actuated
	<u>КВГН</u>	TIDNE SIZE FROM TIDNE S CALL DELAY EXTEND 물 분 그 홈 뚱	With Railroad Preemption
	11 - - - - - - - - - - 	ZONE (FT) STOPBAR TONNS PHASE TIME TIME TIME TIME (FT) (FT)	(Isolated)
·)	21,22 R G R R R G R	JEFRA ADDELLA CONTRACTOR ADDE	NOTES
	23 R F R F R R R		
	24 - - + + - + - + - + - + - + - + - + - +	1A * 6X40 0 * * 6 3.0 X X *	 Refer to "Roadway Standard Drawings NCDOT" dated January
₩ ₩ ₩ ₩	31 R R <u>G</u> R R R R	1B * 6X40 0 * * 1 15.0 - X - X - *	2018 and "Standard Specifications
	32 R R G R R R R	2A \star 6X6 200 米 米 2 X X X - 米	for Roads and Structures" dated
	41 R R R <u>G G</u> R R	2C * 6X40 0 * * 2 3.0 - X - X X *	January 2018.
	42 R R G G R R	3A 🛠 15X6 0 🛠 米 3 10.0 - X - X - 🛠	2. This location contains
_± θ _ω	43 R R R G G R R	4A * 6X40 0 * * 4 3.0 - X - X - *	railroad preemption phasing.
35 MPH 0% Grade	61,62 G G R R R G R	6A 米 6X6 300 米 米 6 - - X X X - 米	Do not program signal for late night flashing operation.
		* Video Detection Zone	3. Phase 1 may be lagged.
			4. The order of phase 3 and phase
- $ -$			4 may be reversed.
	SIGNAL FAC		5. Reposition existing signal heads
	All Heads L.E	.U.	numbered 11,21,22,24,61 and 62.
	(R)		 Set all detector units to presence mode. Program phase 40 to run.
			Program phase 40 to run concurrently with all phases during
	$(\mathbf{Y})_{12"}$ (\mathbf{R}) $(\mathbf{Y})_{12"}$	(R) (R) (R)	normal operation. Phase 39 must be
			incompatible with Phase 40 and included
	$ \begin{array}{c} $	$ \begin{array}{c} Y \\ \hline G \end{array} 12'' \\ \hline \hline \end{array} 12'' \\ \hline \hline G \\ \hline \end{array} 12'' \\ \hline \hline G \\ \hline \end{array} 12'' $	as a track clear phase.
rolina & Western Railroad (ACWR) T +			8. This intersection uses video detection.
rolina & Western March $762P$ $10 - R/W$	$11 \qquad 24 \qquad 31$	21,22 23 42	Install detectors according to the
crossing no.	41	32 43	manufacturer's instructions to achieve the desired detection.
		43 61,62	
			LEGEND
		<u> </u>	DSED EXISTING
31 32	35 MI	PH 0% Grade O-	Traffic Signal Head
	^	0-	J
22 4	 ←		i Sign →
			Pedestrian Signal Head With Push Button & Sign
			—) Signal Pole with Guy
		O	し Signal Pole with Sidewalk Guy
			Inductive Loop Detector
			0 in Linderground Conduit
		IC 73-211 N//	•
3A			
		N//	
		— —	
Metal Pole #2 -L	L- Sta.19+01 +/-	N//	A Railroad Tracks
Std. S30L1 49	9.5'+/- RT	N/W	
MAXTIME PREEMPTION CHART R-2812			Construction Zone
FUNCTION PRE 1			Non-Intrusive Detection Zone
Type RAIL ROAD		Ō	Metal Strain Pole
Exit Phases 4		A	"RIGHT TURN SIGNAL"
Delay 0 Max Presence 0			' Sign (R10-10R) ^(H)
Enter Min Green 1		B	
Enter Walk 0		C	′ Sign (R8-8)
Enter Ped Clear 0			\rightarrow "U-TURN YIELD TO RIGHT TURN" \bigcirc
Enter Yellow Change 4.5*			Sign (R10-16)
Enter Red Clear 3.1 *			
Track Green 27 Track Valley, Change 2.9		Signal Upgrade	
Track Yellow Change3.8Track Red Clear1.8		Temporary Design 3 (TMP Phase II	Image: Document not considered final until all
Dwell Green 0		Prepared for:	
Exit Min Green 255 *		NC 211/NC	
Exit Yellow Change 25.5 *	Μ	at	
Exit Red Clear 25.5 *		NC 73 (South 1	Intersection)
Call Extend Time 1.0		Division 8 Moore Cou	nty West End
Exit Type EXIT PHASES This s	signal was designed MOT dvanced preemption MAC	PLAN DATE: June 2024	REVIEWED BY: R Mullinax
			REVIEWED BY: INIT. DATE Lori D. Stouchko
* Directs controller to use default phase timing.	930 Main (DONALD I & E, LLC Campus Drive 0 40	INIT. DATE Lori D. Stouchko FF586C7596C645A
	Suite 200 RALEIGH, N License No.	C 27606 F-0669	SIGNATURE DATE
			SIG. INVENTORY NO. 08-1103T3



