

**kimley-horn.com*SE_RAL1*RAL_TPT0*_ITS*011036569 Gastonia Signal System*9 Signals*S4	
11:14:16 AM Danielle.Curri	

TIMING CHART									
	PHASE								
FEATURE	1	2	6	8					
Min Green *	7	12	12	7					
Walk *	-	-	-	-					
Ped Clear	_	-	_	-					
Veh. Extension *	2.0	6.0	6.0	2.0					
Max 1 *	20	100	100	30					
Yellow	3.0	4.4	4.4	3.0					
Red Clear	2.3	1.2	1.2	2.6					
Red Revert	2.0	2.0	2.0	2.0					
Actuations B4 Add *	_	-	_	-					
Seconds /Actuation *	_	1.5	1.5	-					
Max Initial *	_	34	34	-					
Time Before Reduction *	-	15	15	-					
Time To Reduce *	-	40	40	-					
Minimum Gap	_	3.0	3.0	-					
Locking Detector	_	Х	Х	-					
Recall Position	_	MIN RECALL	MIN RECALL	-					
Dual Entry	-	-	_	-					
Simultaneous Gap	Х	Х	Х	Х					

EV PRE
FUNCTION
Exit Phase(s)
Preempt Override
Delay Time
Ped Clear Through Yellow
Terminate Phases
Entrance Walk
Entrance Ped Clear
Entrance Min Green
Entrance Yellow Change
Entrance Red Clear
Minimum Dwell Time
Preempt Input Extension Time *
Preempt Max Time
Exit Yellow Change
Exit Red Clear
* Time defaults to time used ** Program Timing on GPS De

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

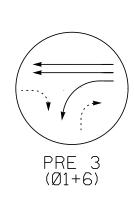
** Program Timing on GPS Detection Unit

ALTERNATE PHASING DIAGRAM

. > Ø2+6 Ø8

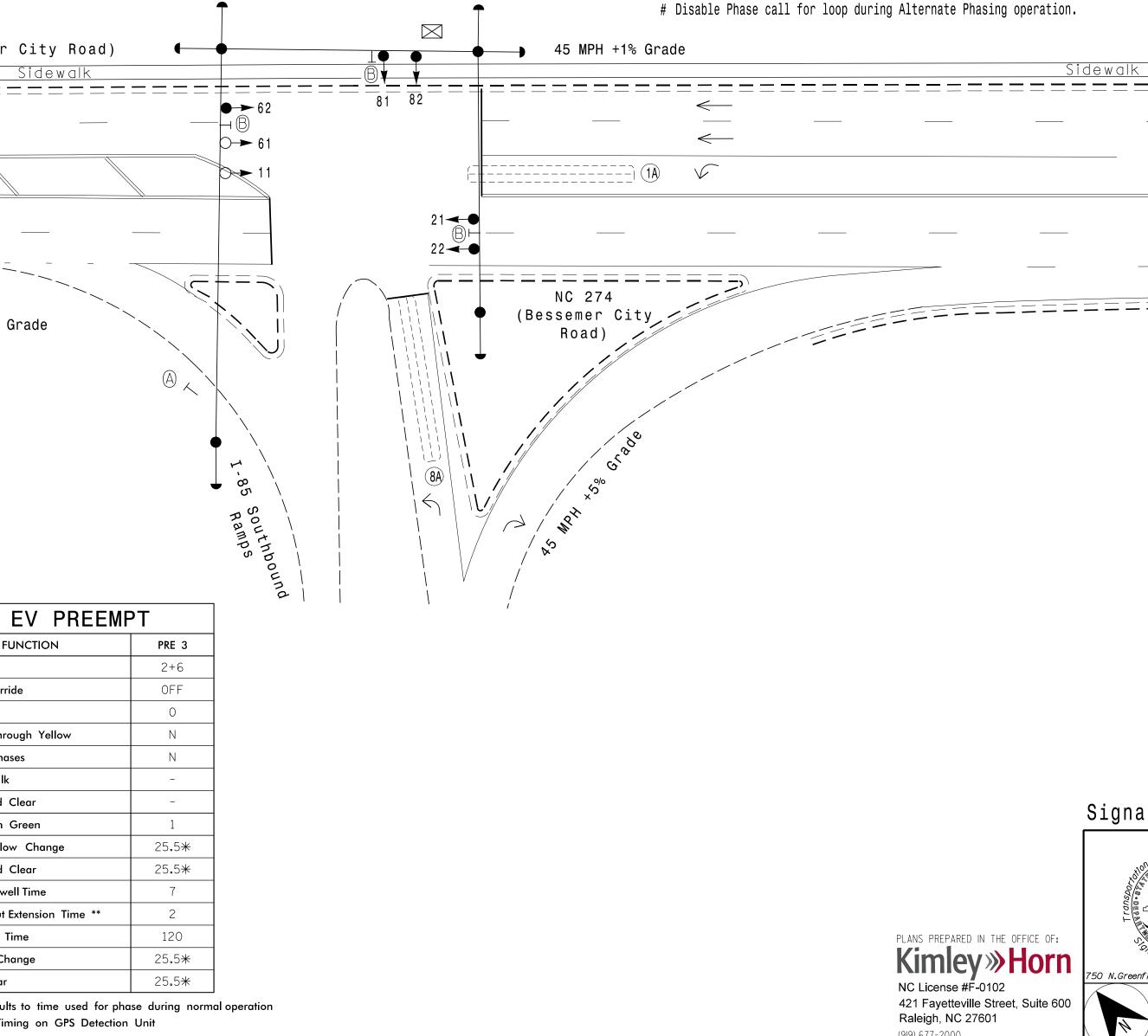
Ø1+6

ALTERNA EV PREEMPT (Medium Prio



ATE	_					_				1	Phase			PROJEC	T REFERENCE NO.	SHEET NO
PHAS	ES	ALTE	ERNATE	PHA	SING					_	Actuated w/				C-5703	Sig.91.
ity)	_	TABL	E OF O			_					sing Operation and hicle Preemption	L Company and the second se				
		CICNA	Ø	PHAS	1		L				Signal System		<u>NOTES</u>			
		SIGNAL FACE	- 0 1 +	Ø 2 +	Ø R L 8 E A 3	<u>Ā</u>					•	. Refer to "	Roadway Standard Dra	wings N	ICDOT" date	d
			6	6								•	2018 and "Standard Spe		ons for Roads	5
		1.1	-	- R -		¥					2		tures" dated January 2 ogram signal for late nig		vina	
	_	21,22 61,62			R R) R G)	Y Y					Ζ.	•	unless otherwise direc	-	•	
	F	81, 82			G R F	- <u>-</u>						. Phase 1 r	may be lagged.	·	0	
				· ·	<u> </u>								tector units to presence			
													t markings are existing. Engineer or their repres		e will determin	ne
		ЕСТО			ALLA		СПЛ					the hours	of use for each phasin	g plan.		
		ECTOR				PROGRA					7.		times shown in timing			
		DISTANCE		LOOP	<u>ں</u>			USE		LOOP CARD		•	only. Coordinated sign ersede these values.	al syste	m timing valu	les
LOOP	SIZE (FT)	FROM STOPBAR	TURNS	F P	PHASE SNIT	EXTEND TIME	DELAY TIME	ADDED INITIAL		SYSTEM L NEW CA	8	•	w cabinet on the existin	g cabine	et foundation.	
		(FT)		z	1 Voc		10+			Z SYS	9.		abinets and base exten			color.
1A	6X60	+5	2-4-2	- -	1 Yes 6# Yes		10 * 3	-	N G	- X - X	11	•	ect Special Provisions for PS emergency preemp			
2A	6X6	300	EXIST	-	2 Yes		_	X	N	- X	, i i		cturer's instructions to a	-		eeded,
2B 6A	6X6 6X6	300 300	EXIST EXIST	-	2 Yes 6 Yes		_	X X	N N	- X - X			n in phasing diagram.			
6B	6X6	300	EXIST	-	6 Yes		_	Х	N	- X	1	•	phase 4 has been chan ange all signal heads, p	•		
8A	6X60		2-4-2	-	8 Yes		-	-	N	- X		•	an push buttons, and lo		•	
	-	-		-	g operatio ternate Pl		peratio	n.				•	ing shown.			
•											1.	2. City syste	em data: ontroller Asset #0931.			
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\leftarrow											() (6A)					
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													LEGEND			
												PROPOSED			<u>EXISTING</u>	
												\rightarrow	Traffic Signal He			
													Modified Signal He Sign	DDe	N/A —I	
												Ļ	Pedestrian Signal H With Push Button &	lead Sian		
													Signal Pole with (Guy		
													Signal Pole with Sidew Inductive Loop Dete	-		
													Controller & Cabin			
											-		Junction Box 2-in Underground Cor	nduit -	.	
												N/A	Right of Way			
												\longrightarrow	Directional Arrc "YIELD" Sign (R1-		\longrightarrow	
												(A) (B)	Street Name Sign (D		A B	
														Г	DOCUMENT NOT C	
								Si	gna		Ipgrade				FINAL UNLES SIGNATURES CO	
									x	Nob	NC 274	(Веѕѕ	emer City Roa	ad)	WH CAR	
								-	x U	18. 1	7/2			1	$\mathbf{N} \mathbf{O} \mathbf{N}$	
									dnspor	and and a second	T-85 S	outhho	at und Ramp & L(oon	SEAL	NA, ZII
				PI M	15 PREPARED	D IN THE OF	FICE OF.		Transpor		I-85 S Division 12		und Ramp & Lo	DOP stonia	SEAL 04443	A Contraction
					ns prepared			1	Transport	S ONOT D	Division 12	2 Gas May 2021	und Ramp & L(ston County Gas REVIEWED BY: SL Phill	stonia ips	SEAL 04443	WALL AMULTING
				K NC	NS PREPARED imlev License #1 1 Fayettevil	y ») - F-0102	lorr		100SUDJ上 N.Green		Division 12 PLAN DATE: wy.Garner.NC 27529 PREPARED BY: SP	2 Gas May 2021	und Ramp & L(ston County Gas REVIEWED BY: SL Phill	stonia ips	SEAL 04443 DocuSigned by:	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

(919) 677-2000



1″=30′

12-0931

SIG. INVENTORY NO.