



		TIMINO	G CHAF	RT.		
			PH	IASE		
FEATURE	1	2	3	4	5	6
Min Green *	7	12	7	7	7	12
Walk *	_	-	-	-	-	-
Ped Clear	-	-	-	-	-	-
Veh. Extension *	2.0	6.0	1.0	1.0	2.0	6.0
Max 1 *	20	45	25	25	20	45
Yellow	3.0	4.6	4.4	3.0	3.0	4.5
Red Clear	2.6	1.3	1.2	2.1	2.3	1.3
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0
Actuations B4 Add *	_	-	-	-	-	_
Seconds /Actuation *	-	2.5	-	-	-	2.5
Max Initial *	_	43	-	-	-	34
Time Before Reduction *	_	20	-	-	-	20
Time To Reduce *	_	40	-	-	-	40
Minimum Gap	_	4.5	-	-	-	3.0
Locking Detector	_	Х	-	-	-	X
Recall Position	_	MIN RECALL	-	-	-	MIN RECALL
Dual Entry	_	-	-	-	-	-
Simultaneous Gap	Х	Х	Х	Х	Х	Х

Exit P Preen Delay Ped o Term Entra Entra Entra Entra Minir Pree Pree Exit Y Exit Re

\* 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.

EV PRE	EMPT		
FUNCTION	PRE 3	PRE 5	
Phase(s)	2+5	4	
empt Override	OFF	OFF	
ay Time	0	0	
Clear Through Yellow	Ν	Ν	
ninate Phases	Ν	Ν	
ance Walk	-	_	
ance Ped Clear	-	_	
ance Min Green	1	1	
ance Yellow Change	25 <b>.</b> 5 <del>*</del>	25 <b>.</b> 5 <del>*</del>	
ance Red Clear	25.5 <del>*</del>	25.5 <del>*</del>	
imum Dwell Time	7	7	
empt Input Extension Time **	2	2	
empt Max Time	120	120	
Yellow Change	25.5 <del>*</del>	25 <b>.</b> 5 <del>*</del>	
Red Clear	25.5 <del>米</del>	25.5 <del>米</del>	

\* Time defaults to time used for phase during normal operation \*\* Program Timing on GPS Detection Unit

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[ON						C-5703 Sig.62
	AMMING DELAY TIME	USE ADDED INITIAL	ТҮРЕ	SYSTEM LOOP	NEW CARD	5 Phase Fully Actuated w/ Emergency Vehicle Preemption Gastonia Signal System
-	3 15	-	N N	-	Y	
_	-	Х	N	-	Y	NOTES
- - - - - -	- 10 - - - -	- - - X - -	N       N       N       N       N       N       N       N       N       N       N       N       N       N       N       N       N       N       N	- - - - X X	Y Y Y Y Y Y Y	<ol> <li>Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.</li> <li>Do not program signal for late night flashing operation unless otherwise directed by the Engineer.</li> <li>The order of phase 3 and phase 4 may be reversed.</li> <li>Set all detector units to presence mode.</li> <li>Disconnect and abandon existing loops 2B and 6B.</li> <li>Locate new cabinet so as not to obstruct sight distance</li> </ol>
sconn	ect & Ab	andon Ex	kist.	ing	Loop	<ul> <li>ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.</li> <li>8. Install new cabinet on the existing cabinet foundation.</li> <li>9. All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.</li> <li>10. Pavement markings are existing.</li> <li>11. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.</li> <li>12. Install GPS emergency preemption system per manufacturer's instructions to achieve preemption needed, as shown in phasing diagram.</li> <li>13. City of system data: Controller Asset #0190.</li> </ul>
						EEGEND         PROPOSED       EXISTING         ○→       Traffic Signal Head       ●→         Modified Signal Head       N/A         □       Sign       □         □       Pedestrian Signal Head       ●→
						EXISTING         PROPOSED       EXISTING         O       Traffic Signal Head       N/A         Modified Signal Head       N/A         Headstrian Signal Head       N/A         Signal Pole with Sidewalk Guy       Inductive Loop Detector         Signal Pole with Sidewalk Guy       Inductive Loop Detector         Junction Box       Induction Box         N/A       Right of Way
						PROPOSED       Fraffic Signal Head         Modified Signal Head       NA         How Signal Pole with Pole With Signal Pole Wi
Sig	nal	Upgi	r a l	de		EXISTING         PROPOSED       EXISTING         O       Traffic Signal Head       N/A         Modified Signal Head       N/A         Headstrian Signal Head       N/A         Signal Pole with Sidewalk Guy       Inductive Loop Detector         Signal Pole with Sidewalk Guy       Inductive Loop Detector         Junction Box       Induction Box         N/A       Right of Way

1″=40′

REVISIONS

SCALE

40

0

INIT. DATE

Ken Barrow

-5DC709A86BCB447.. SIGNATURE

SIG. INVENTORY NO.

3/11/2022

DATE

12-0190