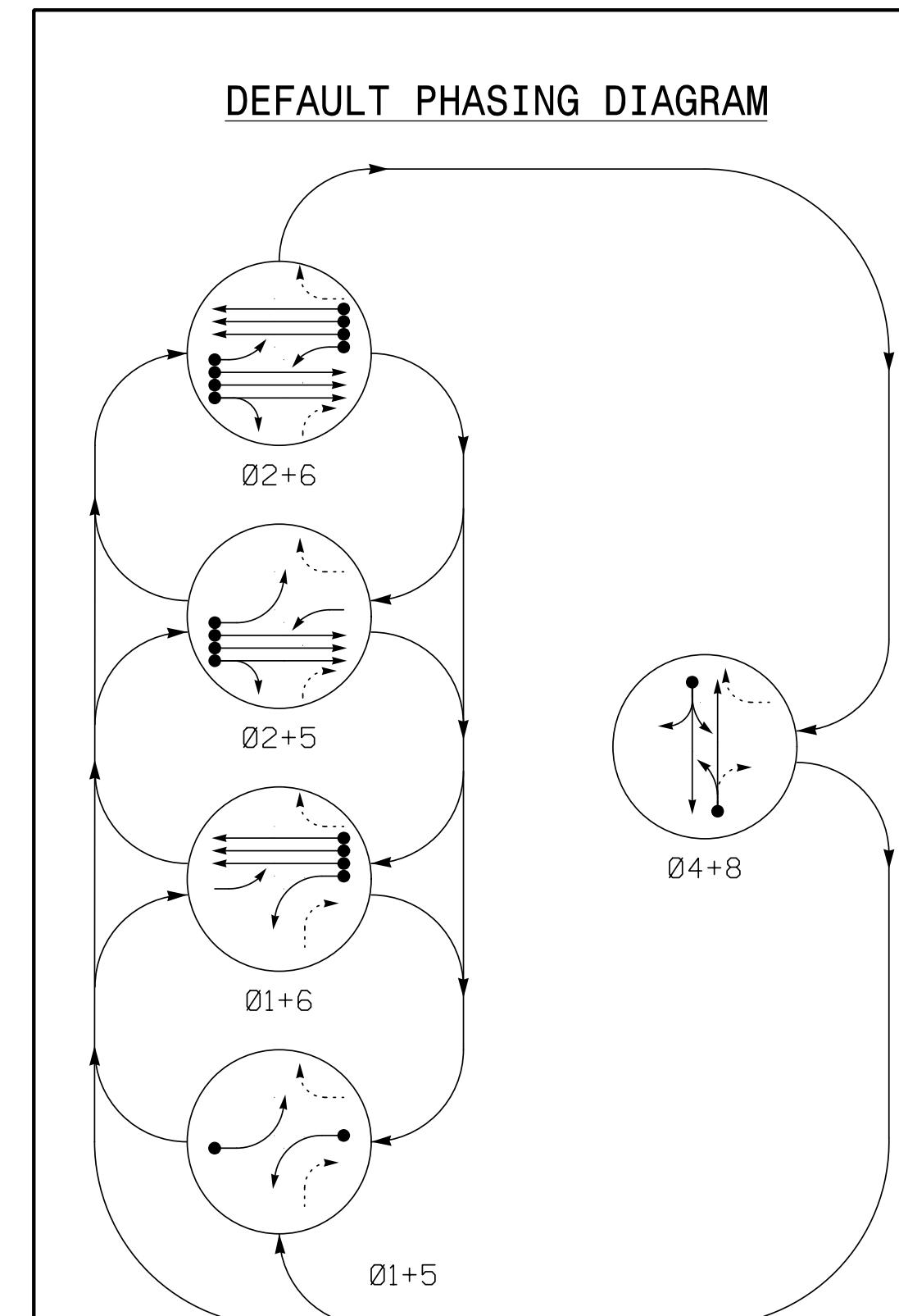
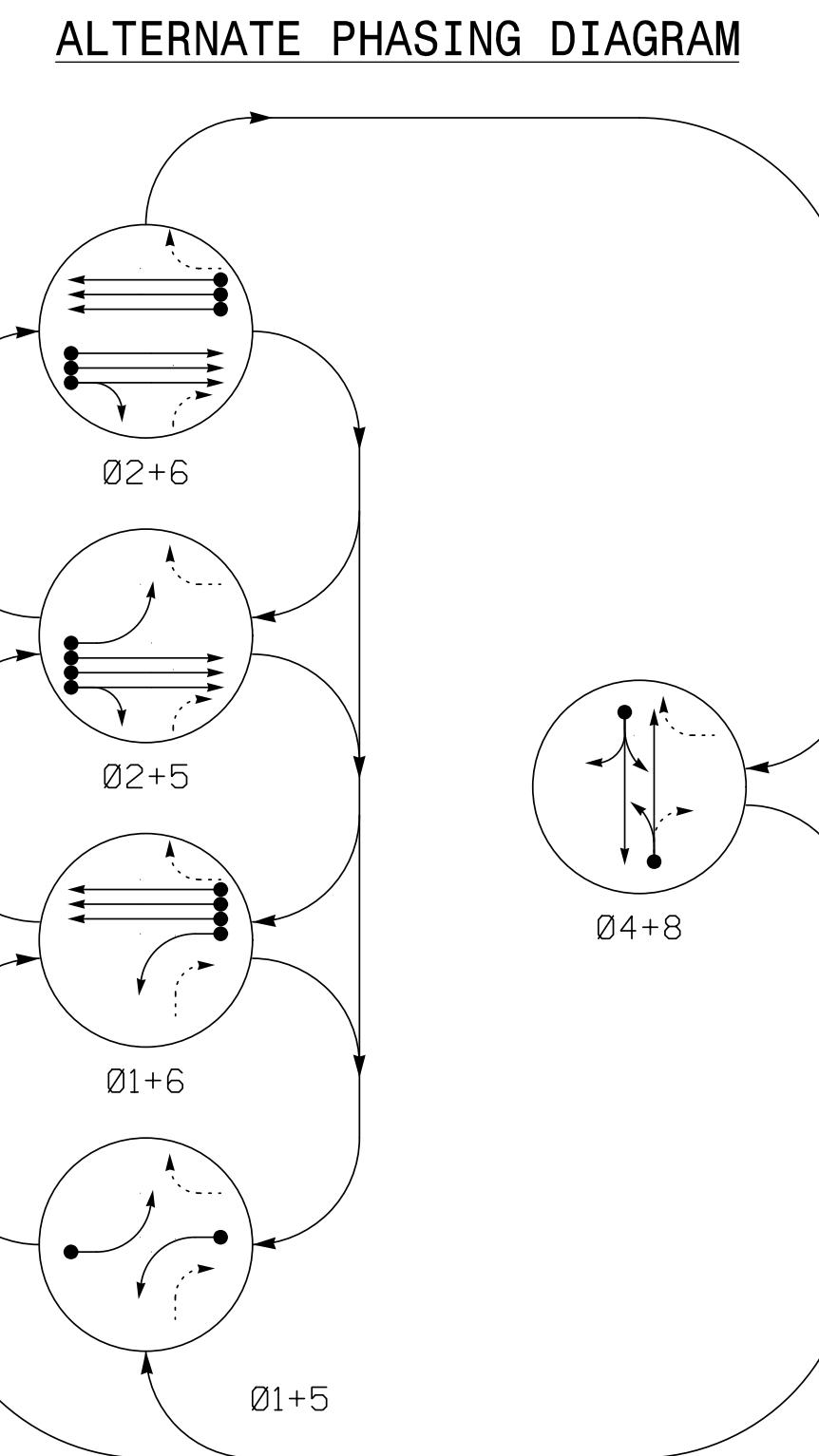


PROJECT REFERENCE NO. C-5703 SHEET NO. Sig.107.0



DEFAULT PHASING TABLE OF OPERATION

SIGNAL FACE	PHASE							
	0 1 5 6	0 1 5 6	0 2 5 6	0 2 5 6	0 4 8 8	FLASH		
11	-	-	F Y	F Y	R Y			
21, 22, 23	R R	G G	R Y					
41, 42	R R	R R	R G	R				
51	-	F Y	-	F Y	R Y			
61, 62, 63	R G	R G	R Y					
81, 82	R R	R R	R G	R				



ALTERNATE PHASING TABLE OF OPERATION

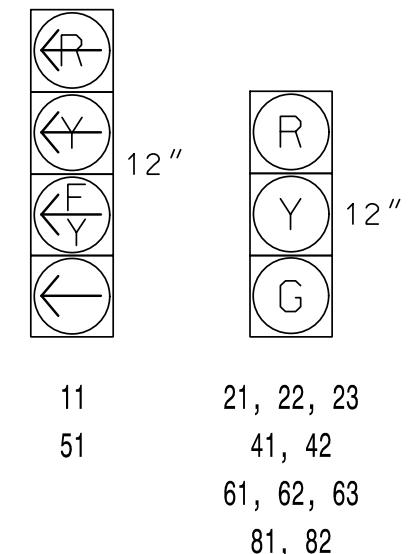
SIGNAL FACE	PHASE							
	0 1 5 6	0 1 5 6	0 2 5 6	0 2 5 6	0 4 8 8	FLASH		
11	-	-	R R	R R	R Y			
21, 22, 23	R R	G G	R Y					
41, 42	R R	R R	R G	R				
51	-	R R	-	R R	R Y			
61, 62, 63	R G	R G	R Y					
81, 82	R R	R R	R G	R				

DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING				
					PHASE	CALLING	EXTEND TIME	DELAY TIME	USE ADDED INITIAL
1A	6X40	0	2-4-2	-	1 Yes -	15*	-	N	X
					6# Yes -	3	-	G	X
2A	6X6	355	EXIST	-	2 Yes -	-	-	X	N
2B	6X6	355	EXIST	-	2 Yes -	-	-	X	N
2C	6X6	355	EXIST	-	2 Yes -	-	-	X	N
4A	6X60	+5	2-4-2	-	4 Yes -	3	-	N	X
4B	6X40	+5	2-4-2	-	4 Yes -	15	-	N	X
5A	6X40	0	2-4-2	-	5 Yes -	15*	-	N	X
					2# Yes -	3	-	G	X
6A	6X6	355	EXIST	-	6 Yes -	-	-	X	N
6B	6X6	355	EXIST	-	6 Yes -	-	-	X	N
6C	6X6	355	EXIST	-	6 Yes -	-	-	X	N
8A	6X60	+5	2-4-2	-	8 Yes -	3	-	N	X
8B	6X25	+5	2-4-2	-	8 Yes -	10	-	N	X

* Disable delay during Alternate Phasing Operation.
Disable phase call for loop during Alternate Phasing operation.

SIGNAL FACE I.D.
All Heads L.E.D.



11 21, 22, 23
51 41, 42
61, 62, 63
81, 82

5 Phase Fully Actuated With Alternate Phasing Operation Gastonia Signal System

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 and/or phase 5 may be lagged.
- Set all detector units to presence mode.
- In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- Pavement markings are existing.
- The City Engineer or their representative will determine the hours of use for each phasing plan.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- Install new cabinet on the existing cabinet foundation.
- All new cabinets and base extenders shall be black in color. See Project Special Provisions for details.
- City system data:
Controller Asset #1348

