PHASING DIAGRAM DETECTION LEGEND

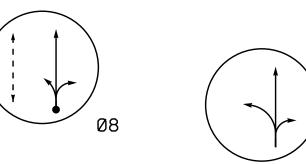
DETECTED MOVEMENT

<−−> PEDESTRIAN MOVEMENT

for all other phases should not be lower than 4 seconds.

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)



normal operation

Medium Priority)	TABLE OF	0PI	ERA [®]	TIC		
		PHASE				
	SIGNAL FACE	ØN+6	000	E>P 2		
	21,22	G	R	R		
	61,62	G	R	R		
EV PRE 2	81,82	R	G	G		
(08)	P2I , P22	W	DW	DW		
	P8I , P82	DW	W	DW		

<u>Signal</u>	Face I.D.
All Hec	ıds L.E.D.
R Y 12"	16"
21,22	P21 , P22
61,62	P81 , P82

81,82

NDUCTIVE LOOPS DETECTOR PROGRAMMING SIZE DISTANCE FROM STOPBAR (FT) TURNS STOPBAR (FT) PHASE STRETCH TIME STRETCH TIME	OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
LOOP SIZE (FT) FROM STOPBAR (FT) TURNS Y PHASE Y Y Y STRETCH TIME DELAY TIME Y Y 2A/SI 6X6 285 5 - 2 Y Y - - - Y Y 2B/S2 6X6 285 5 - 2 Y Y - - - Y Y 6A/S3 6X6 300 5 - 6 Y Y - - - Y Y 8A 6X40 +7 2-4-2 - 8 Y Y - - 5 - Y	INDUCTIVE LOOPS [DETECTOR PROGRAMMING									
2B/S2 6X6 285 5 - 2 Y Y - - Y Y 6A/S3 6X6 300 5 - 6 Y Y - - - Y Y 6B/S4 6X6 300 5 - 6 Y Y - - - Y Y 8A 6X40 +7 2-4-2 - 8 Y Y - - 5 - Y	LOOP	l	FROM STOPBAR	TURNS	–	PHASE	CALLING	EXTENSION	TIME				l
6A/S3 6X6 300 5 - 6 Y Y - - Y Y 6B/S4 6X6 300 5 - 6 Y Y - - - Y Y 8A 6X40 +7 2-4-2 - 8 Y Y - - 5 - Y	2A/SI	6X6	285	5	-	2	Υ	Υ	-	1	-	Υ	Υ
6B/S4 6X6 300 5 - 6 Y Y - - Y Y 8A 6X40 +7 2-4-2 - 8 Y Y - - 5 - Y	2B/S2	6X6	285	5	-	2	Υ	Υ	1	-	-	Υ	Υ
8A 6X40 +7 2-4-2 - 8 Y Y 5 - Y	6A/S3	6X6	300	5	-	6	Υ	Υ	ı	-	-	Υ	Υ
	6B/S4	6X6	300	5	-	6	Υ	Υ	-	-	-	Υ	Υ
9B 6VI5 +7 2-1-2 - 8 V V 15 - V	8A	6X40	+7	2-4-2	_	8	Y	Y	1	_	5	- 1	Υ
	8B	6XI5	+7	2-4-2	_	8	Y	Y	ı	_	15	ı	Y

2 Phase Fully Actuated with Emergency Vehicle Preemption Asheville Signal system

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Set all detector units to presence mode.
- 4. Locate new cabinet si as not to obstuct sight distance of vehicles turning right on red.
- 5. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 6. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- 7. Pavement markings are existing.

REVISIONS

1"=30'

INIT. DATE

SIG. INVENTORY NO.

- 8. Emergency vehicle preemption switch is located in Asheville Fire-Rescue Station 6 (1030 Hendersonville Road).
- 9. The Division Traffic Engineer will determine the Delay before Preempt and Preempt Dwell Min Green time for the emergency vehicle preemption timing.
- 10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

