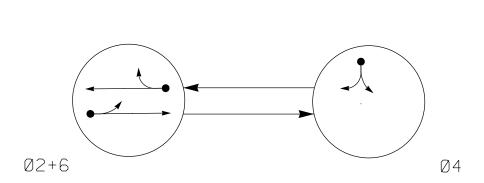
PROJECT REFERENCE NO. U-4715B Sig. 252.0

PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

✓ DETECTED MOVEMENT

PEDESTRIAN MOVEMENT

TABLE OF 0	PER	ATI	ON
	Р	HAS	E
SIGNAL FACE	ØN+6	Ø 4	FLASI
21,22,23	G	R	Y
41,42	R	G	R
61,62,63	G	R	Y

TABLE OF 0	PER	ATI	ON
	Р	HAS	E
SIGNAL FACE	ØN+6	Ø 4	FLAST
21,22,23	G	R	Υ
41,42	R	G	R
61,62,63	G	R	Y

	OASIS	2070	LOOP	& DET	EC	TOR	ΙN	ST	AL	LATIC	N CH	AR	7
R	INDUCTIVE LOOPS DETECTOR PROGRAMMING												
Y 12"	LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	
	2 A	6×40	0	2-4-2	-	2	Υ	Y	-	-	-	-	Ī
21,22,23	4 A	6×40	+5	2-4-2	_	4	Υ	Y	-	_	5	-	
41,42 61,62,63	6 A	6×40	0	2-4-2	-	6	Υ	Υ	-	_	_	_	

Pole Mounted Cabinet

4

2 Phase Fully Actuated (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. In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on
- 6. Pavement markings are existing.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

0,1010 20	770 1 111	1110	17 (1 (1			
	PHASE					
FEATURE	2	4	6			
Min Green 1 *	10	7	10			
Extension 1 *	2.0	2.0	2.0			
Max Green 1 *	30	15	30			
Yellow Clearance	3.3	3.0	3.1			
Red Clearance	1.5	1.2	1.1			
Red Revert	2.0	2.0	2.0			
Walk 1 *	_	_	-			
Don't Walk 1	_	_	_			
Seconds Per Actuation *	_	_	_			
Max Variable Initial *	_	_	_			
Time Before Reduction *	-	-	_			
Time To Reduce *	_	_	_			

MIN RECALL

YELLOW

Recall Mode

Dual Entry

Vehicle Call Memory

phases 2 and 6 lower than what is shown. Min Green for all other phases should not

MIN RECALL

YELLOW

OASIS 20)70 TIM	MING C	
		PHASE	
FEATURE	2	4	6
Min Green 1 *	10	7	10
rtension 1 *	2.0	2.0	2.0
Max Green 1 *	30	15	30
Yellow Clearance	3.3	3.0	3.1
Red Clearance	1.5	1.2	1.1
Red Revert	2.0	2.0	2.0
Walk 1 *	-	-	-
Don't Walk 1	-	-	-
Seconds Per Actuation *	-	_	_
Max Variable Initial *	-	-	_
Time Before Reduction *	-	-	_
Time To Reduce *	-	-	-
Minimum Gap	-	-	_

SIGNAL FACE I.D.

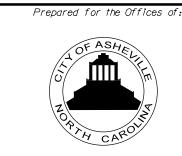
All Heads L.E.D.

Raise span 1' to provide

15.5' clearance of signal heads

	LEGEND	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	
O	Modified Signal Head	N/A
	Sign	$\overline{}$
↓	Pedestrian Signal Head With Push Button & Sign	•
\bigcirc	Signal Pole with Guy	•
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	× × ×
	Junction Box	
	- 2-in Underground Conduit	. — - — - — —
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
N/A	Edge of Pavement	
$\langle A \rangle$ '	'NO TURN ON RED" Sign (R10-1	1) 🛆

Signal Upgrade



Fairview Road Third Street

Division 13 Buncombe County Asheville PLAN DATE: September 2016 REVIEWED BY: AM Encarnacion PREPARED BY: RA Feige REVIEWED BY:

REVISIONS

MB Toth INIT. DATE Melissa B. Toth SIG. INVENTORY NO. COA-25

12/16/2016