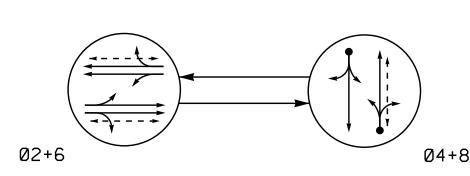
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

←	DETECTED MOVEMENT
←	UNDETECTED MOVEMENT (OVERLA
-	UNSIGNALIZED MOVEMENT
<>	PEDESTRIAN MOVEMENT

TABLE OF O	PER	AT]	ON
	Р	HAS	E
SIGNAL FACE	Ø2+6	Ø 4 + 8	エハひロ
21, 22	G	R	Υ
41, 42	R	G	R
61, 62	G	R	Υ
81, 82	R	G	R
P21, P22	W	DW	DRK
P61, P62	W	DW	DRK
P81, P82	DW	W	DRK

IGNA	L FA	4CE	I.D.	
All	Heads	L.E.	.D.	

R Y 12"	16
21, 22 41, 42 61, 62 81, 82	P21, P22 P61, P62 P81, P82

OASIS	2070	LOOP	& DET	EC	TOR	IN	IST	AL	LATIC	ON CH	AR	Т
11	NDUCTI	VE LOC)PS		DETI	ECT	OR	PI	ROGRAN	MMING		
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
4A	6X40	0	2-4-2	_	4	Υ	Y	_	_	5	-	Y
8.8	6X40	+4	2-4-2	_	8	Υ	Υ	_	_	5	_	Υ

2 Phase Semi-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. Locate new cabinet so as not to obstruct 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.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

<u>LEGEND</u>

Traffic Signal Head

Modified Signal Head

Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector

> Controller & Cabinet Junction Box

2-in Underground Conduit Right of Way

> Directional Arrow Curb Ramp

<u>EXISTING</u>

N/A

					Install new base-mounted cabinet on existing foundation. US 26 (Merrimon Avenue) PGI FRI FRI FRI FRI FRI FRI FRI F
SIS	2070	TIMING	G CHART		
}	2	PHA	ASE 6		
	10	7	10	8 7	
	0.0	2.0	0.0	2.0	Grade Grade
	30	30	30	30	ari ari
	4.2	3.2	4.2	3.2	Ottan Ottan
	1.4	2.6	1.4	2.6	
			1	l	

04010	0070	T T NA T N 1	O OLIAD	
UASIS	2070	TIMIN	G CHAR	1
		PH	IASE	
FEATURE	2	4	6	8
Min Green 1 *	10	7	10	7
Extension 1 *	0.0	2.0	0.0	2.0
Max Green 1 *	30	30	30	30
Yellow Clearance	4.2	3.2	4.2	3.2
Red Clearance	1.4	2.6	1.4	2.6
Red Revert	2.0	2.0	2.0	2.0
Walk 1 *	4	-	4	4
Don't Walk 1	12	-	10	13
Seconds Per Actuation *	-	-	-	-
Max Variable Initial*	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
		1	1	<u> </u>

Signal Upgrade

US 25 (Merrimon Road)

<u>PROPOSED</u>

 \bigcirc

N/A

N/A

Ottari Road / Shopping Center Entrance Division 13 Buncombe County

PLAN DATE: December 2015 REVIEWED BY: Z.M. Little 750 N.Greenfleid Pkwy.Garner.NC 27529 PREPARED BY: R.N. Zinser REVIEWED BY: INIT. DATE

043914 SIG. INVENTORY NO. 13-0229

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

SEAL

phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

ON

MAX RECALL

YELLOW

ON

ON

ON

MAX RECALL

YELLOW

Recall Mode

Vehicle Call Memory