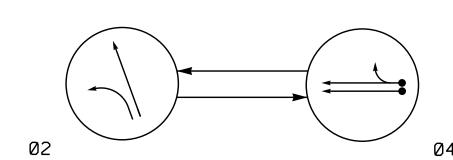
PHASING DIAGRAM



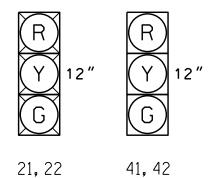
PHASING DIAGRAM DETECTION LEGEND

←	DETECTED MOVEMENT
—	UNDETECTED MOVEMENT (OVERLAP
←	UNSIGNALIZED MOVEMENT
≪ −−->	PEDESTRIAN MOVEMENT

TABLE OF 0	PER	ATI	ON
	Р	HAS	E
SIGNAL FACE	Ø 2	Ø 4	止しなのエ
21, 22	G	R	Y
41, 42	R	G	R

SIGNAL FACE I.D.

	Heads L.	_
Denotes	Optically	Programmable



Install new base-mounted cabinet on existing foundation.		
	= = = = = = = = = = = = = = = = = = =	35 MPH +4% Grade ===================================
	35 MPH 0% Grade 1-240 MB Ramp	US 70 (N. Tunnel Road) WB Ramp

OASIS	2070	LOOP	& DET	EC	TOR	ΙN	ST	AL	LATIC	ON CH	AR	\top
1I	NDUCTI	VE LOC)PS		DETE	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	Υ	-	-	-	-	Υ
4B	6X40	0	2-4-2	ı	4	Υ	Υ	ı	-	10	ı	Υ

6X6 +100 EXIST

S2 6X6 +100 EXIST

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. Pavement markings are existing.
- 6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

	<u>LEGEND</u>	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	
O ->	Modified Signal Head	N/A
\dashv	Sign	\dashv
\downarrow	Pedestrian Signal Head With Push Button & Sign	•
<u> </u>	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	K×7
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
0	- Metal Pole with Mastarm	
N/A	Guardrail	<u> </u>
$\langle A \rangle$	"DO NOT ENTER" Sign (R5-1)	\triangle
$\overline{\mathbb{B}}$	"NO RIGHT TURN" Sign	B
$\langle \overline{\mathbb{C}} \rangle$	No Left Turn Sign (R3-2)	Ö
\bigcirc	Left Arrow "ONLY" Sign (R3-5L)	_

I-240 WB Ramp at US 70 (N. Tunnel Road) WB Ramp Tri-Level Interchange

Division 13 Buncombe County PLAN DATE: November 2015 REVIEWED BY: T.J. Williams 750 N.Greenfleld Pkwy.Garner.NC 27529 PREPARED BY: R.N. Zinser REVIEWED BY: REVISIONS INIT. DATE

SIG. INVENTORY NO.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

* These values may be field adjusted. Do not adjust Min
Green and Extension times for phase 2 lower than what
is shown. Min Green for all other phases should not be
lower than 4 seconds.

MAX RECALL

OASIS 2070 TIMING CHART

FEATURE

Min Green 1 *

Extension 1 *

Max Green 1 *

Red Clearance

Red Revert

Don't Walk 1

Seconds Per Actuation * Max Variable Initial *

Time Before Reduction

Time To Reduce *

Vehicle Call Memory

Simultaneous Gap

Minimum Gap

Recall Mode

Dual Entry

Yellow Clearance

PHASE

2.0 60

3.6

1.0

2.0