



### PHASING DIAGRAM DETECTION LEGEND

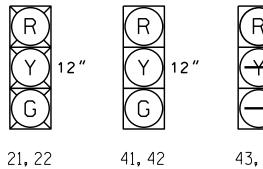
DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT

<−−> PEDESTRIAN MOVEMENT

# TABLE OF OPERATION SIGNAL FACE 21, 22 41, 42 43, 44

### SIGNAL FACE I.D.

All Heads L.E.D. Denotes Optically Programmable



21, 22

25 MPH +1% Grade

Install new pole-mounted

cabinet in existing location.

US 70 (N. Tunnel Rd.)

WB Ramp

43, 44

## **NOTES**

2 Phase

Pre-Timed

Asheville Signal System

- 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. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 4. Pavement markings are existing.
- 5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

## <u>LEGEND</u>

PROPOSED	<u>)</u>	EXISTING
$\bigcirc$	Traffic Signal Head	<b></b>
<b>O</b>	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	
$\boxtimes$	Controller & Cabinet	K K Z
	Junction Box	
	- 2-in Underground Conduit	
N/A	Right of Way	
$\longrightarrow$	Directional Arrow	$\longrightarrow$
0	<ul> <li>Metal Pole with Mastarm</li> </ul>	
N/A	Guardrail	1 1
$\langle A \rangle$	"DO NOT ENTER" Sign (R5-1)	$\triangle$
B	No Right Turn Sign (R3-1)	$^{lack}$
$\langle \mathbb{C} \rangle$	No Left Turn Sign (R3-2)	©
$\overline{\mathbb{O}}$	Left Arrow "ONLY" Sign (R3-5L)	_

Signal	Upgrade

US 70 (N. Tunnel Road) WB Ramp I-240 EB Ramp Tri-Level Interchange Division 13 Buncombe County

O Design Section			PLAN DATE:	N
	Pkwy,Garner,NC	<i>2</i> 75 <i>2</i> 9	PREPARED BY:	
	SCALE			F
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November 2015 REVIEWED BY: Z.M. Little 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.		

OASIS 2070 TIMING CHART PHASE **FEATURE** Min Green 1 \* Extension 1 \* 60 Max Green 1 \* Yellow Clearance 3.3 Red Clearance Don't Walk 1 Seconds Per Actuation ' Max Variable Initial \* Time Before Reduction Time To Reduce \* Minimum Gap Recall Mode Vehicle Call Memory Simultaneous Gap

4 0.0 60 4.3 1.0 MAX RECALL | MAX RECALL