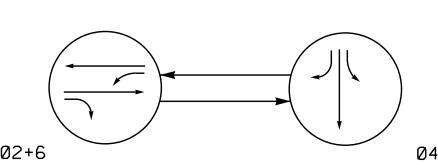


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

<--> PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

TABLE	0F	0	PER	ATI	(
			Р	HAS	E
SIGN FAC			9+VØ	Ø 4	
21, 2	22		G	R	
41, 4	12		R	G	
61, 6	52		G	R	

Install new base-mounted

cabinet on existing foundation.

Broadway Street

SIGNAL	FACE	I.D.
AII He	eads L.E	.D.

R Y G	12"
21, 22 41, 42 61, 62	

2 Phase Pre-timed 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. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 4. The cabinet should be designed to include an Auxiliary Output file for future use.
- 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.

Sidewalk 35 MPH -3% Grade

35 MPH -5% Grade

LEGEND

<u>PROPOSED</u>		<u>EXISTING</u>
\bigcirc	Traffic Signal Head	
O	Modified Signal Head	N/A
\dashv	Sign	-
↓	Pedestrian Signal Head With Push Button & Sign	#
\bigcirc	Signal Pole with Guy	•
S	ignal Pole with Sidewalk Guy	
	Inductive Loop Detector	$\subset = = \supset$
	Controller & Cabinet	~
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
$\langle A \rangle$	"STOP" Sign (R1-1)	\triangle
B	"YIELD" Sign (R1-2)	lack

DOCUMENT NOT CONSIDERED

* These values may be field	d adjusted. Do	not adjust Min C	Green and
Extension times for phases	2 and 6 lower	than what is sh	own. Min Gree
for all other phases should	not be lower the	an 4 seconds.	

OASIS 2070 TIMING CHART

4.2

2.0

FEATURE

Min Green 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

Yellow Clearance

PHASE

0.0

1.3

2.0

MAX RECALL MAX RECALL MAX RECALL

10

0.0

30

4.2

1.3

2.0

FINAL UNLESS ALL Signal Upgrade SIGNATURES COMPLETED US 25 (Merrimon Avenue) I-240 On-Ramp Broadway Street/Lexington Avenue Division 13 Buncombe County June 2016 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.