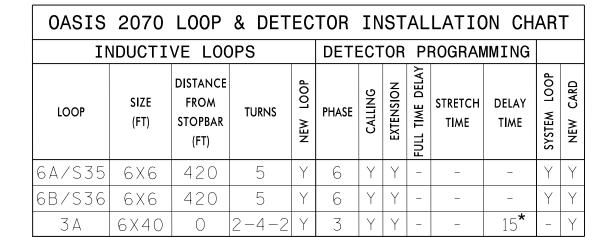
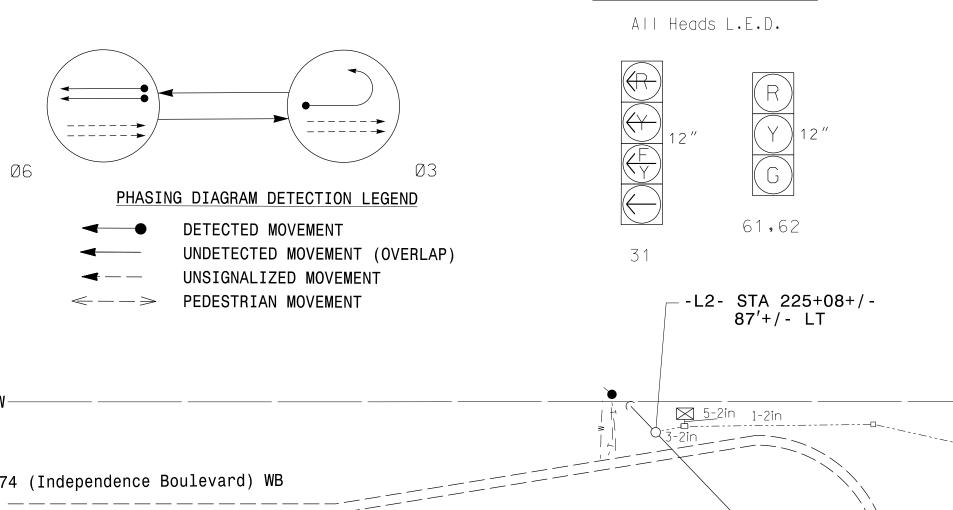
2 Phase Fully Actuated US 74 - Indian Trail CLS#1

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. Install combination panel with pedestal extension (see Std drawing 1700.01).
- 6. The Division Traffic Engineer will determine the hours of use for each phasing plan. 7. Maximum times shown in timing chart are for free-run
- operation only. Coordinated signal system timing values supersede these values.
- 8. Closed loop system data: Controller Asset #2189.



*Omit delay during Alternate Phasing Operation.



DEFAULT PHASING DIAGRAM

ALTERNATE PHASING DIAGRAM

Ø6

OASIS 2070 TIMING CHART

2.0

3.0

2.0

FEATURE

Min Green 1 *

Extension 1 *

Max Green 1 *

Red Clearance

Red Revert Walk 1 *

Don't Walk 1

Seconds Per Actuation Max Variable Initial *

Time Before Reduction

Time To Reduce *

Minimum Gap

Yellow Clearance

PHASE

14

6.0

90

5.2

1.0

2.0

1.5

46

15

30 3.4 DEFAULT PHASING

TABLE OF OPERATION

SIGNAL

FACE

61,62

PHASE

SIGNAL FACE I.D.

ALTERNATE PHASING

TABLE OF OPERATION

SIGNAL

FACE

31

61,62

55 mph 0.3% Grade US 74 (Independence Boulevard) WB PS PS PS =------55 mph -0.3% Grade US 74 (Independence Boulevard) EB -L2- STA 226+51+/-62'+/- RT

<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	
$ \bigcirc \!$	Modified Signal Head	N/A
	Sign	\dashv
	Pedestrian Signal Head With Push Button & Sign	+
$\bigcirc \hspace{-1em} \longrightarrow \hspace{-1em})$	Signal Pole with Guy	•
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	Oversized Junction Box	
	2-in Underground Conduit	
<u> </u>	Directional Drill	N/A
N/A	Right of Way	
$\cdot \ \ w \ \$	- Underground Water Line	- — w — -
$\cdot \tau$	-Underground Telephone Cable	· — – T — – -
\longrightarrow	Directional Arrow	\longrightarrow

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

022516

LEGEND

PLANS PREPARED BY:

CHARLOTTE, NC 28210 NC LICENSE NO. C-2213 • (704) 332-2289

1"=40'

New Installation

US 74 (Independence Blvd) WB SR 1367 (Unionville-Indian Trail Road) Eastbound U-turn Division 10 Union County

Indian Trai June 2015 REVIEWED BY: PLAN DATE: 750 N.Greenfield Pkwy, Garner, NC 27529 PREPARED BY: K. Smith REVIEWED BY: J. Highland Lisa M. Moon 8/30/2016 SIG. INVENTORY NO. | | 0 - 2 | 8 9

Recall Mode MIN RECALL Vehicle Call Memory YELLOW **Dual Entry** ON ON Simultaneous Gap * These values may be field adjusted. Do not adjust Min Green and Extension times for phase 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

DRMP, INC. 5950 FAIRVIEW ROAD, SUITE 320