

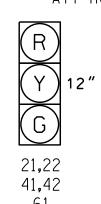
PHASING DIAGRAM DETECTION LEGEND

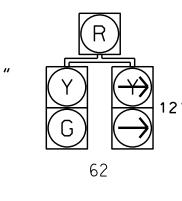
DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT ← − − > PEDESTRIAN MOVEMENT

TABLE OF (BLE OF OPERATION				
	Р	PHASE			
SIGNAL FACE	02+6	04	LUGOI		
21,22	G	R	Υ		
41,42	R	G	R		
61	G	R	Y		
62	G	\mathbb{R}	Y		

SIGNAL FACE I.D.

All Heads L.E.D.





2 Phase Fully Actuated Fayetteville Signal System

ASC/3 DETECTOR INSTALLATION CHART

PROGRAMMING

15

Signal Upgrade

CALL

- 2 Yes

2 Yes

- 4 Yes -

4 Yes

6 Yes

- 4 Yes

- 6 Yes

- No

DETECTOR

2C 6X60 0 2-4-2

4A 6X60 0 2-4-2

4B 6X60 0 2-4-2

6B 6X6 300 4

S2B 6X6 +150 3 -

6X6 300 4

SIZE

2B 6X6

4C 6X6

S2A 6X6

DISTANCE

STOPBAR

2A | 6X6 | 300 | 5 | - | 2 | Yes |

300 5

0 3

+150 3

FROM

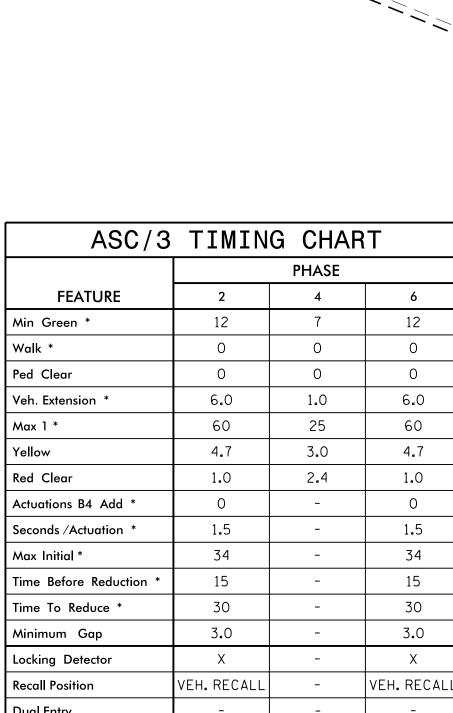
NOTES

PROJECT REFERENCE NO.

U-5742

Sig. 212.0

- 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. In the event of loop replacement. refer to the current ITS and Signals Design Manual and submit a Plan of Record to the Signal Design Section.
- 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 6. The cabinet should be designed to include an Auxiliary Output file for future use.
- 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.



* These values may be field adjusted. Do not adjust Min Green and Extension phases should not be lower than 4 seconds.

Simultaneous Gap

		SR 1344 (Black & Decker Road) Mastarm #13 U-3312 Mastarm #13 U-3312 45 Mph +1% Grade 28 22 22		
			LEGEND	_
		$61 \longrightarrow 62 \longrightarrow $	PROPOSED	EXISTING
		$62 \longrightarrow 62 \longrightarrow$	○ ➤ Traffic Signa	
		Grade		I Head N/A
			Pedestrian Sign With Push Button	al Head
G CHAR	Т	Mastarm #12 U-3312	Signal Pole with S	
PHASE		$\overline{}$	Inductive Loop I	Detector \subset \equiv \equiv
4	6	dication Driving the state of t	Controller & C	abinet [×]
7	12		☐ Junction B	OX ■
0	0		2-in Underground	
0	0	Syn Bed III Will a line of the state of the	N/A Right of W	_
1.0	6.0	$\begin{array}{c c} & & & & & & & \\ & & & & & & \\ & & & & $	> Directional i	
25	60		Metal Pole with "STOP" Sign	
3.0	4.7		⟨A⟩ "STOP" Sign ⟨B⟩ Left Arrow "ONLY" S	
2.4	1.0		© Dual Turn Arrows S	
-	0		O DOG! TO!!! AIT ONO 3	. 9 (113 10 /
-	1.5			
	- A I	$oldsymbol{ol{ol}oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}}}}}}}}}}}}}}}}}$		

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

June 2016 REVIEWED BY: 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: Jeff Spence REVIEWED BY: REVISIONS INIT. DATE

Division 6 Cumberland County

SIG. INVENTORY NO.

Fayetteville

SR 1344 (Black & Decker Road)

Dedication Drive