

PROJECT REFERENCE NO. Sig.210.0 U-5742

5 Phase Fully Actuated Fayetteville 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. Phase 1 and/or phase 5 may be lagged.
- 4. Set all detector units to presence mode.
- 5. 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.
- 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 7. Pavement markings are existing.
- 8. The Division Traffic Engineer will determine the hours of use for each phasing plan.
- 9. 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>	<u></u>	<u>EXISTING</u>
$\bigcirc$	Traffic Signal Head	<b></b>
0-	Modified Signal Head	N/A
$\dashv$	Sign	$\dashv$
$\Rightarrow$	Pedestrian Signal Head With Push Button & Sign	•
<u> </u>	Signal Pole with Guy	•
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	$\subset = = = = = = = = = = = = = = = = = = =$
	Controller & Cabinet	K K Z
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
$\longrightarrow$	Directional Arrow	$\longrightarrow$
N/A	Wheel Chair Ramp	
$\langle A \rangle$	Right Arrow "ONLY" Sign (R3-5R	) (A)

- Left Arrow "ONLY" Sign (R3-5L)
- ⟨C⟩ U-Turn "MUST YIELD" Sign (R3-27) ©

Signal Upgrade

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED US 401 (Ramsey Street) Fayetteville

Lowe's Entrance Division 6 Cumberland County PLAN DATE: December 2015 REVIEWED BY: 750 N.Greenfleid Pkwy.Garner.NC 27529 PREPARED BY: EM Minshew REVIEWED BY: REVISIONS INIT. DATE SIG. INVENTORY NO.

Recall Position Dual Entry lower than what is shown. Min Green for all other phases should not be lower than 4 seconds

Actuations B4 Add

Seconds /Actuation '

Time Before Reduction

Time To Reduce \*

Minimum Gap

Locking Detector

Max Initial \*

3**.**5

2.0

1.5

3.0

VEH. RECALL

3.3

2.9

2.0

0

1.5 34

15

30

3.0

VEH. RECALI