

5 Phase Fully Actuated Wilmington Signal System

PROJECT REFERENCE NO.

U-4902D

Sig. 13.

## **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 1 and/or 5 may be lagged.
- 4. Set all detector units to presence mode.
- 5. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 6. Program pedestrian heads to countdown the flashing "DON'T WALK" time only.
- 7. All pedestrian pushbuttons shall be located in the field by the Division Traffic Engineer before installation.
- 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.
- 10. Signal system data: Controller Asset #1027
- $\mathbb{V}$  | 11. Do not install street name signs or backplates on the mastarms containing heads numbered 41,42,43,81,82, and 83.

## I ECENID

	LEGEND	
<u>PROPOSED</u>		<b>EXISTING</b>
$\bigcirc$	Traffic Signal Head	<b></b>
$\dashv$	Sign	$\dashv$
$\downarrow$	Pedestrian Signal Head With Push Button & Sign	•
	Inductive Loop Detector	$\subset = = \supset$
	Controller & Cabinet	K×N K×N
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
$\longrightarrow$	Directional Arrow	$\longrightarrow$
— DD —	Directional Drill	N/A
$\bigcirc$	Type II Signal Pedestal	•
	Wheelchair Ramp	
0	Metal Pole with Mastarm	
$\langle \! \Delta \! \rangle$	"RIGHT TURN MUST YIELD TO U-TURN" Sign	

Signal Upgrade - Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Not a certified document as

to the Original Document but

Only as to the Revisions

This document originally issued and sealed by

Natasha M.RodevicK,031464

on 8/1/18

as to the revisions.

SIG. INVENTORY NO. 03-1027

SR 2290 (Mendenhall Drive) Division 03 New Hanover Co. PLAN DATE: February 2018 REVIEWED BY: A.D. Klinksiek his document is only certified

US 17 (Market Street) at

SR 2734 (Marsh Oaks Drive)/

VRevised to show Monotube Design Zmg 8/26/2020

CNCINEER 750 N.Greenfleid Pkwy.Garner.NC 27529 PREPARED BY: A.H. Thornburg REVIEWED BY: N.R. Simmons HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997 and revised pavement marking on Market St. - jrs Zachary M. Little 8/26/202

REVISION V SEAL

030530

\* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what

ON

ON

ON

30

3.0

MIN RECALL

YELLOW

ON

ON

30

3.0

MIN RECALL

YELLOW

ON

Time To Reduce '

**Vehicle Call Memory** 

Simultaneous Gap

Minimum Gap

Recall Mode