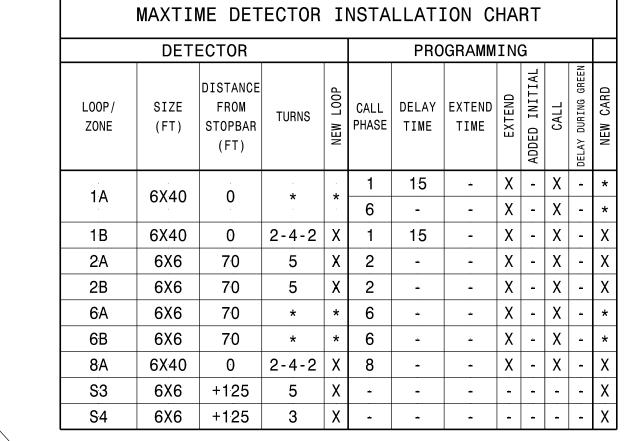


SEAL 32396

William J. Hamilton

SIG. INVENTORY NO.



Accessible

Pedestrian

Signal

P21, P22

P81, P82

PHASING DIAGRAM DETECTION LEGEND Metal Pole #1 -L- Sta.24+08 +/-64' RT +/-DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT

TABLE OF OPERATION

SIGNAL

FACE

21, 22, 23

61, 62, 63

P21, P22

P81, P82

PHASE

21, 22, 23 61, 62, 63

SIGNAL FACE I.D.

All Heads L.E.D.

12"

82,83

Mast Arm B

3. Phase 1 may be lagged. 4. Set all detector units to presence mode. * Multizone Microwave Detection tone walk indications and/or speech messages.

US 276 (Russ Avenue)

8. See pavement marking plans for stop bar and crosswalk locations. 9. This intersection uses multizone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.

January 2018.

10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

MAXTIME TIMING CHART PHASE FEATURE 8 7 Ped Clear ' 25 16 _ 10 10 Min Green 7 2.0 3.0 3.0 2.0 Passage 15 45 25 45 Yellow Change 3.0 4.0 3.7 3.0 Red Clear 2.4 2.0 3.4 1.8 Added Initial * _ Maximum Initial * Time Before Reduction Time To Reduce * _ Minimum Gap Advance Walk Non Lock Detector Vehicle Recall MIN RECALL MIN RECALL

PHASING DIAGRAM

 \leftarrow - > PEDESTRIAN MOVEMENT

02+6

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

ACCESSIBLE PEDESTRIAN SIGNAL OPERATION				
SIGNAL FACE	VOICE	TONES	INTERVAL	SPEECH MESSAGE
P21	-	Χ	Walk	(Percussive Tone)
	X	-	Flashing Don't Walk / Don't Walk	Wait. Wait to cross Walnut.
P22	X	-	Walk	Walnut. Walk sign is on to cross Walnut.
	X	-	Flashing Don't Walk / Don't Walk	Wait. Wait to cross Walnut.
P81	-	Χ	Walk	(Percussive Tone)
	X	-	Flashing Don't Walk / Don't Walk	Wait. Wait to cross Russ.
P82	X	-	Walk	Russ. Walk sign is on to cross Russ.
	Χ	-	Flashing Don't Walk / Don't Walk	Wait. Wait to cross Russ.

Infrastructure Consulting Services, Inc. 8210 University Executive Park Drive Suite 220 Charlotte, North Carolina 28262 Phone: 704-549-4260 | www.rameykemp.com | NC License No. F-1489

\Mast Arm A

Metal Pole #2 -L- Sta.22+81 +/-49' LT +/-

Signal Upgrade - Final Design Division 14 April 2023

Walnut Street Haywood County

Waynesville REVIEWED BY: WJ Hamilton 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: TS Popelka RKA PROJ. NO.: 16085 (040) REVISIONS INIT. DATE