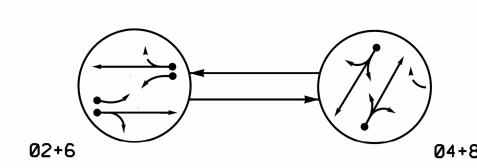
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

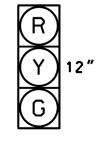
UNDETECTED MOVEMENT (OVERLAP)

UNSIGNALIZED MOVEMENT ← − − ➤ PEDESTRIAN MOVEMENT

TABLE OF 0	PER	ATI	ON		
PHASE					
SIGNAL FACE					
21,22	G	R	Υ		
23	누	₩	≺		
41,42,43	R	G	R		
61,62	G	R	Υ		
63	щ <mark>≻</mark>	#	-Y		
81,82,83	R	G	R		

SIGNAL FACE I.D. All Heads L.E.D.

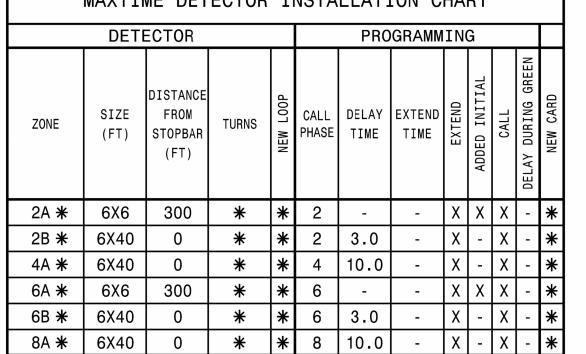
(f)	
\bigoplus	12"



3	21,22
3	41,42,43
	61,62
	81,82,83

	MAXTI	ME DET	ECTOR	I	NSTA	LLAT]	ON C	HA	RT				
	DET	ECTOR				PR0	GRAMM	IN	G				
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD	
2A *	6X6	300	*	*	2	-	-	Χ	Χ	Χ	-	*	
2B *	6X40	0	*	*	2	3.0	1	Χ	-	Χ	-	*	
4A Ӿ	6X40	0	*	*	4	10.0	1	Χ	-	Χ	,	*	
6A *	6X6	300	*	*	6	-	-	Χ	Χ	Χ	-	*	
6B *	6X40	0	*	*	6	3.0	-	Χ	1	Χ	-	*	
αΛ ઋ	6840	0	*	*	Ω	10 0		У		У		*	

* Video Detection Zone

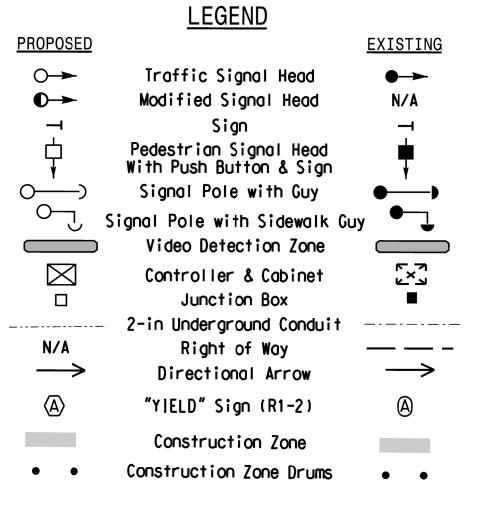


-L- 26+50 -L- 27+91 53′-LT-63' -LT-45 MPH +6% Grade -L- 25+69 87' -RT-

2 Phase Fully Actuated (Isolated)

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. 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. Pavement markings are existing.
- 6. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

TH CARO;

POFESSION A

SEAL 018174

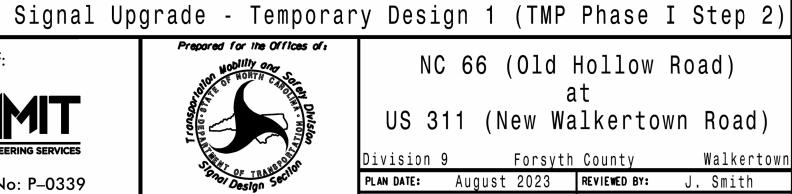
MAX	TIME T	IMING	CHART			
FEATURE	PHASE					
PEATURE	2	4	6	8		
Walk *	_	-	-	-		
Ped Clear *	-	-	-	-		
Min Green *	12	7	12	7		
Passage *	6.0	2.0	6.0	2.0		
Max 1 *	70	35	70	35		
Yellow Change	4.6	3.9	4.6	4.2		
Red Clear	2.2	1.7	2.2	1.2		
Added Initial *	2.5	_	2.5	-		
Maximum Initial *	34	_	34	_		
Time Before Reduction *	15	_	15	-		
Time To Reduce *	30	-	30	-		
Minimum Gap	3.0	_	3.0	_		
Advance Walk	-		-	-		
Non Lock Detector	_	х	_	Х		
Vehicle Recall	MIN RECALL	_	MIN RECALL	_		

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

Dual Entry

Prepared in the Office of: NC FIRM LICENSE No: P-0339

320 Executive Court Hillsborough, NC 27278 (919) 732–3883 (919) 732–6676 (FAX)



NC 66 (Old Hollow Road) US 311 (New Walkertown Road)

		DEVICIONS			INIT	DATE
29	PREPARED BY:	E. Sir	gany	REVIEWED BY:		
	PLAN DATE:	August	2023	REVIEWED BY:	J. Sm:	ith
	Division	9	Forsyth	County	Wal	kertown
		(11	on na	INOI COW		aa,

750 N.Greenfield Pkwy.Garner.NC 27529 SIG. INVENTORY NO. 09-0345T