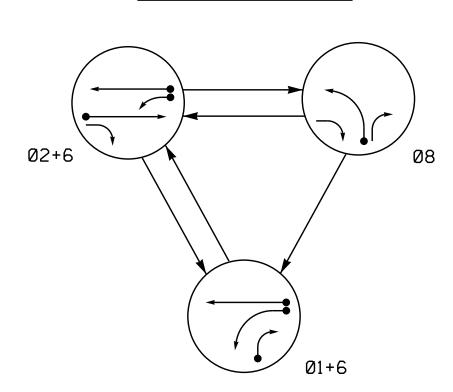
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

UNSIGNALIZED MOVEMENT

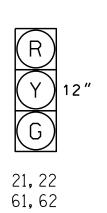
UNDETECTED MOVEMENT (OVERLAP)

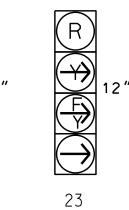
DETECTED MOVEMENT

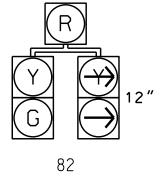
<−−> PEDESTRIAN MOVEMENT

TABLE OF OPERATION							
	PHASE						
SIGNAL FACE	01+6	∞ N+6	0 0	止」位のエ			
11	\	╙╠╴	#	*			
21, 22	R	G	R	Υ			
23	R	F∱	†	\			
61, 62	G	G	R	Υ			
81	R	R	G	R			
82	R/	R	G	R			

SIGNAL FACE I.D.

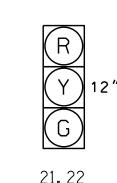


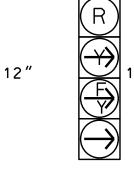


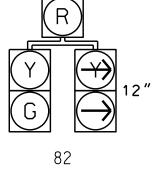


	THIASE			
SIGNAL FACE	01+6	∞ N+6	000	止しなのエ
11	—	₽	₩	- Y
21, 22	R	G	R	Υ
23	R	누	†	\
61, 62	G	G	R	Y
81	R	R	G	R
)			

All Heads L.E.D.







3 Phase Fully Actuated NC 115 (Mecklenburg Hwy.) CLS

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

TURNS

INDUCTIVE LOOPS

6X40

6X6 6X6

6X40

STOPBAR

6X40 0 2-4-2

420

0 2-4-2

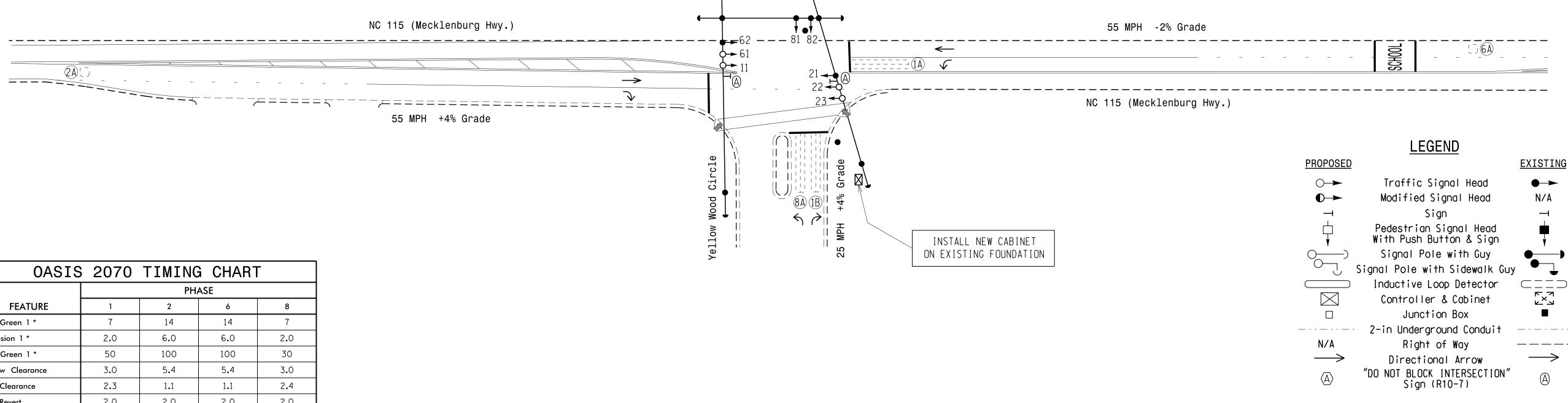
LOOP

2Α

DETECTOR PROGRAMMING

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 may be lagged.
- 4. Set all detector units to presence mode.
- 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 6. Pavement markings are existing.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 8. Closed loop system data: Controller Asset #1761.



	PHASE				
FEATURE	1	2	6	8	
Min Green 1 *	7	14	14	7	
Extension 1 *	2.0	6.0	6.0	2.0	
Max Green 1 *	50	100	100	30	
Yellow Clearance	3.0	5.4	5.4	3.0	
Red Clearance	2.3	1.1	1.1	2.4	
Red Revert	2.0	2.0	2.0	2.0	
Walk 1 *	-	-	-	-	
Don't Walk 1	-	-	-	-	
Seconds Per Actuation *	-	2.5	2.5	-	
Max Variable Initial *	-	46	46	-	
Time Before Reduction *	-	15	15	-	
Time To Reduce *	-	30	30	-	
Minimum Gap	-	3.4	3.4	-	
Recall Mode	-	MIN RECALL	MIN RECALL	-	
Vehicle Call Memory	-	YELLOW	YELLOW	-	
Dual Entry	-	-	-	-	
Simultaneous Gap	ON	ON	ON	ON	

* 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.

Signal Upgrade 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY:

NC 115 (Mecklenburg Hwy.) Yellow Wood Circle

Division 12 Iredell County Mooresville January 2018 REVIEWED BY: R.N. Zinser J.A. Lohr REVIEWED BY:

REVISIONS INIT. DATE 1"=40'

FINAL UNLESS ALL SIGNATURES COMPLETED 043914 R. N. Zinser

DOCUMENT NOT CONSIDERED

SIG. INVENTORY NO.