

PHASING DIAGRAM DETECTION LEGEND

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

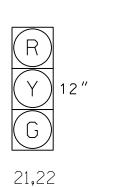
DETECTED MOVEMENT

 $<\!\!\!<\!\!\!--\!\!\!>$ PEDESTRIAN MOVEMENT

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	TABLE OF O	PEF	RAT:	[ON
		Р	'HAS	Ε
	SIGNAL FACE	Ø2+6	Ø 4 + 8	エのひ「1
	21,22	G	R	Υ
	41,42	R	G	R
	61,62	G	R	Υ
	81,82	R	G	R
	P21 , P22	W	DW	DRK

SIGNAL FACE I.D.

All Heads L.E.D.



41,42

61,62

81,82



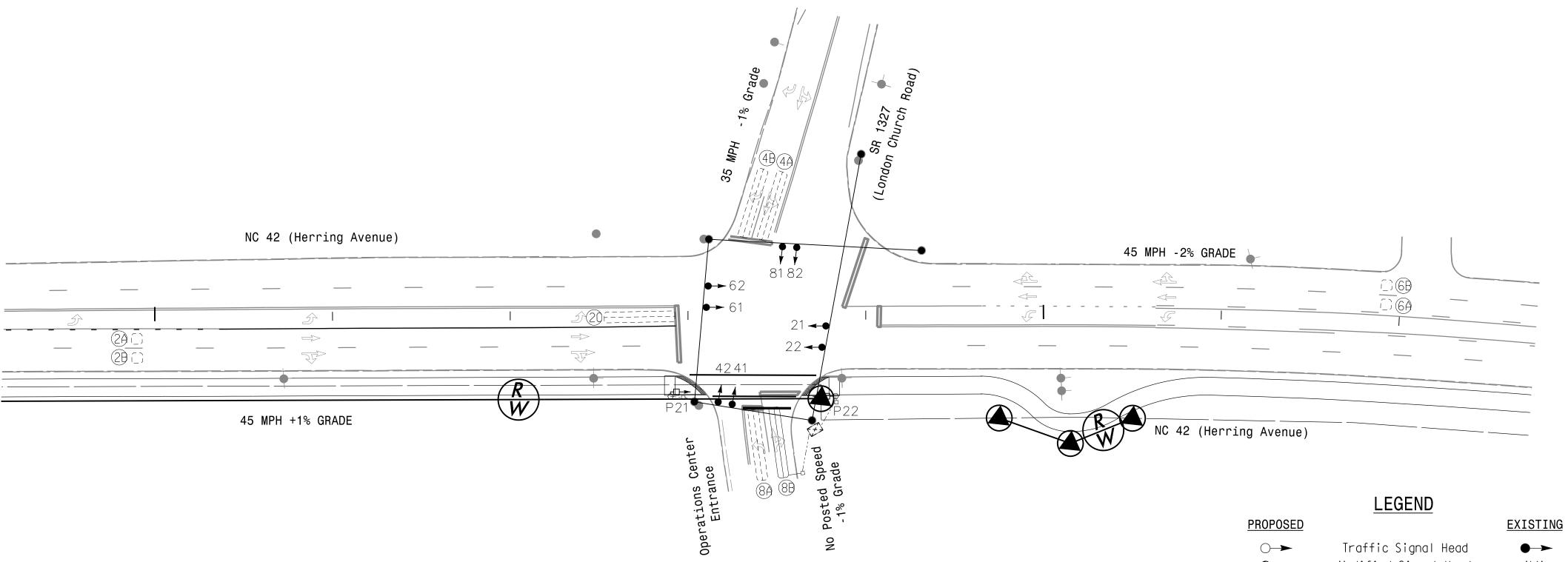
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A,2B	6×6	300	EXIST	-	2	Υ	Υ	-	-	_	-	-
2C	6×4Ø	Ø	EXIST	-	2	Υ	Υ	Υ	-	3	1	-
4A	6×4Ø	Ø	EXIST	-	4	Υ	Υ	-	-	3	1	-
4B	6×4Ø	Ø	EXIST	-	4	Υ	Υ	-	-	10	1	-
6A,6B	6×6	300	EXIST	-	6	Υ	Υ	-	-	-	1	-
8A	6×4Ø	Ø	EXIST	-	8	Υ	Υ	-	-	3	ı	-
8B	6×4Ø	Ø	2-4-2	Υ	8	Υ	Y	-	_	10	-	-

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

2-Phase Fully Actuated Isolated

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated Janauary 2012.
- 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. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 5. Program pedestrian heads to countdown the flashing "DON'T WALK" time only.



OASIS	2070	TIMING	G CHART	Γ	
	PHASE				
FEATURE	2	4	6	8	
Min Green 1 *	12	7	12	7	
Extension 1 *	6.0	2.0	6.0	2.0	
Max Green 1 *	50	20	5Ø	20	
Yellow Clearance	4.4	3.9	4.7	3.2	
Red Clearance	1.2	1.6	1.4	2.6	
Walk 1 *	4	-	-	-	
Don't Walk 1	15	-	-	-	
Seconds Per Actuation *	1.5	-	1.5	-	
Max Variable Initial *	34	-	34	-	
Time Before Reduction *	15	-	15	-	
Time To Reduce *	3Ø	-	3Ø	-	
Minimum Gap	3.0	-	3.0	-	
Recall Mode	MIN RECALL	-	MIN RECALL	-	
Vehicle Call Memory	YELLOW	-	YELLOW	-	
Dual Entry	-	ON	-	ON	
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.

Modified Signal Head	d N/A
Sign	\dashv
Pedestrian Signal Hed ith Push Button & Si	
Signal Pole with Guy	y ••
al Pole with Sidewal	k Guy
nductive Loop Detect	or ()
Controller & Cabine	t ×3
Junction Box	
-in Underground Condu	uit
Directional Drill	N/A
Right of Way	
Directional Arrow	\longrightarrow
ype II Signal Pedest	al •
	Sign Pedestrian Signal Her ith Push Button & Si Signal Pole with Gur al Pole with Sidewal nductive Loop Detect Controller & Cabine Junction Box -in Underground Condu Directional Drill Right of Way Directional Arrow

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NC 42 (Herring Avenue) SR 1327 (London Church Rd)/

Operations Center Entrance Division 4 Wilson County June 2017 REVIEWED BY: W M Ruhsam

REVIEWED BY: REVISIONS SIG. INVENTORY NO.

DOCUMENT NOT CONSIDERED

FINAL UNLESS ALL SIGNATURES COMPLETED

038970

Signal Modification

750 N.Greenfield Pkwy, Garner, NC 27529 PREPARED BY: K M CORY 1"=40'