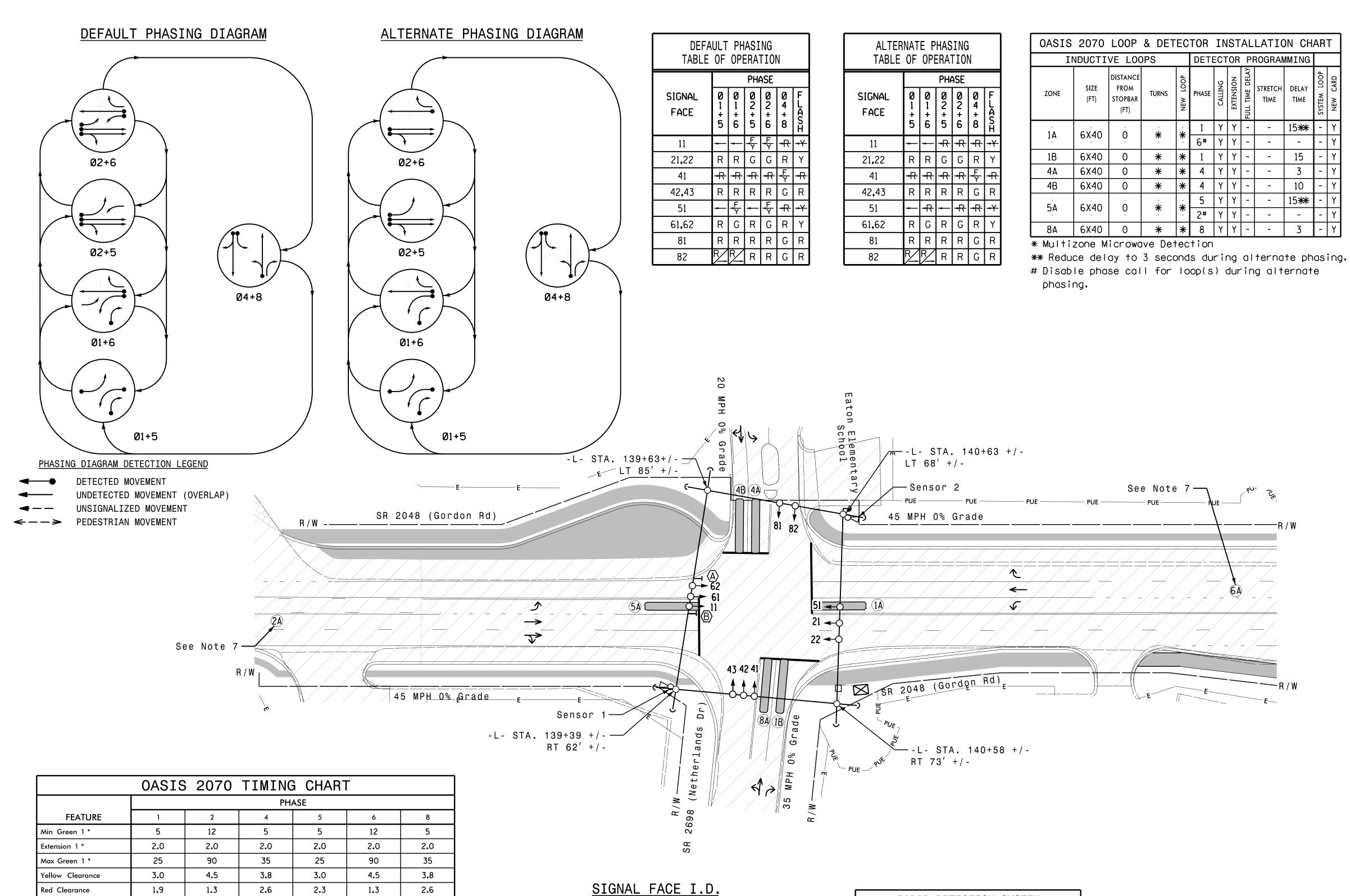
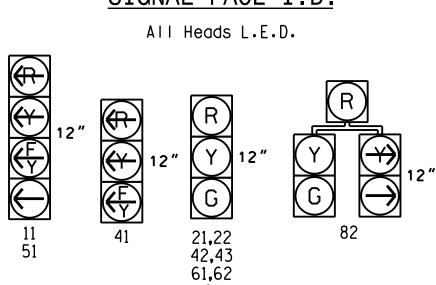
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	OASIS	2070	TIMING	CHAR1	Г	
	PHASE					
FEATURE	1	2	4	5	6	8
Min Green 1 *	5	12	5	5	12	5
Extension 1 *	2.0	2.0	2.0	2.0	2.0	2.0
Max Green 1 *	25	90	35	25	90	35
Yellow Clearance	3.0	4.5	3.8	3.0	4.5	3.8
Red Clearance	1.9	1.3	2.6	2.3	1.3	2.6
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation *	-	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-
Vehicle Call Memory	-	YELLOW	-	-	YELLOW	-
Dual Entry	-	-	ON	-	-	ON
Simultaneous Gap	ON	ON	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.



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RADAR DETECTION SYSTEM						
FUNCTION	Sensor 1	Sensor 2				
Channel	1	1				
Phase	2	6				
Direction of Travel	EB	WB				
Detection Zone (ft)	100-600	100-600				
Enable Speed	Y	Y				
Speed Range (mph)	35-100	35-100				
Enable Estimated Time of Arrival	Y	Y				
Estimated Time of Arrival (sec)	1.0-6.5 2.5-6.5					

HNTB

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PROJECT REFERENCE NO.	SHEET NO.			
U-6202	Sig. 25.0			

CTOR INSTALLATION CHART								
	DETECTOR PROGRAMMING							
NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
ڊ . لا	1	Y	Y	-	-	15 <del>***</del>	I	Y
*	6 <sup>.</sup> #	Y	Y	-	-	-	1	Y
*	1	Y	Y	-	-	15	-	Y
*	4	Y	Y	-	-	3	-	Y
*	4	Y	Y	-	-	10	-	Y
¥	5	Y	Y	-	-	15 <del>**</del>	-	Y
*	2. <b>#</b>	Y	Y	-	-	-	-	Y
*	8	Y	Y	-	-	3	-	Y

## 5 Phase Fully Actuated Wilmington Signal System

## NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024. 2. Do not program signal for late night flashing operation unless otherwise
- directed by the Engineer. 3. Phases 1 and/or 5 may be lagged. 4. Set all detector units to presence
- mode.
- 5. Locate new cabinet so as to not obstruct sight distance of vehicles turning right on red.
- 6. The Division (City) Traffic Engineer will determine the hours of use or each phasing plan.
- 7. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 9. Signal system data: Controller Asset #0847.

<u>LEGEND</u> <u>EXISTING</u> PROPOSED Traffic Signal Head  $\frown$ ●→ Modified Signal Head N/A Sign Pedestrian Signal Head  $\overline{\bigcirc}$ Signal Pole with Guy Signal Pole with Sidewalk Guy Microwave Detection Zone  $\odot$ Out of Pavement Detector ر الا  $\boxtimes$ Controller & Cabinet Junction Box 2-in Underground Conduit \_----N/A Right of Way \_\_\_\_ N/A Permanent Utility Easement ----- PUE -----N/A Construction Easement ——— E ———  $\rightarrow$  $\rightarrow$ Directional Arrow Construction Zone Wedge/Widen N/A Curb Ramp  $\langle A \rangle$ A Right Arrow "ONLY" Sign (R3-5R) "U-TURN YIELD TO RIGHT TURN" Sign (R10-16) B B

al Upgrade- brary Desig	n 1				
struction Pl		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Prepared for:	SR 2048 (Go	rdon Rd)	SEAL		
AL A	at SR 2698 (Nethe Eaton Element Division 3 New Hanover	ary School	NOP TH CAROLINA NOP TOFESSION 17 SEAL 031464		
Option Section	PLAN DATE: May 2022 REV	IEWED BY: N.K. Vlanich	PA CAN FER S		
nfleld Pkwy.Garner.NC 27529	PREPARED BY: E.E. Tiller REV	IEWED BY: N.R. Simmons	SA CINE CIMMUN		
O 40	REVISIONS	INIT. DATE	Docusigned by: Matasha R Simmons 5/17/2024 SIGNATURE DATE		
1 "=40'			SIG. INVENTORY NO. 03-0847T1		