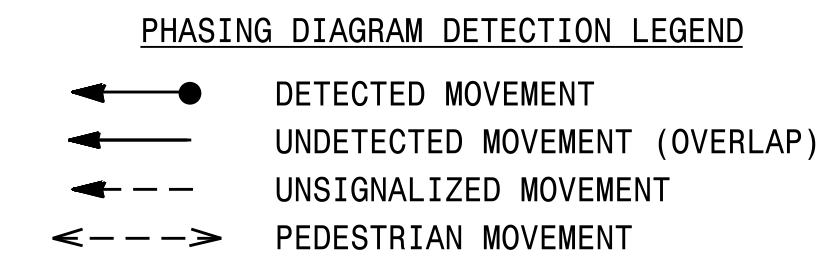
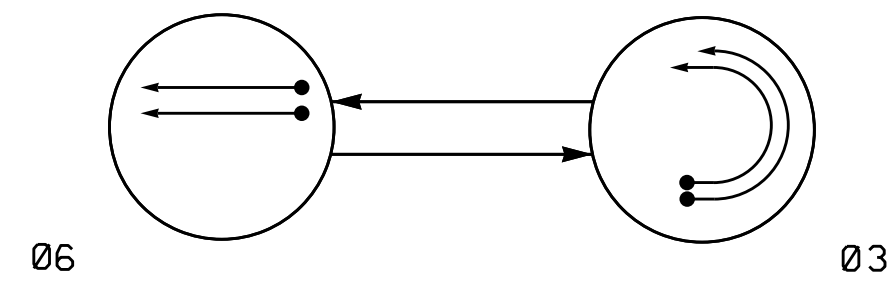


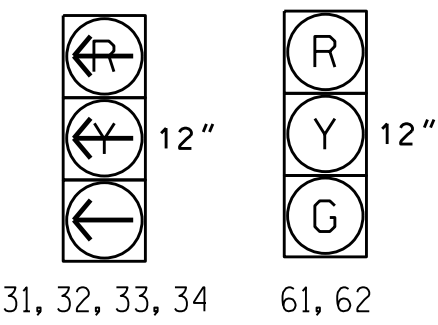
PHASING DIAGRAM



SIGNAL FACE	PHASE		
	03	06	FLASH
31,32,33,34	←	→	→
61,62	R	G	Y

SIGNAL FACE I.D.

All Heads L.E.D.

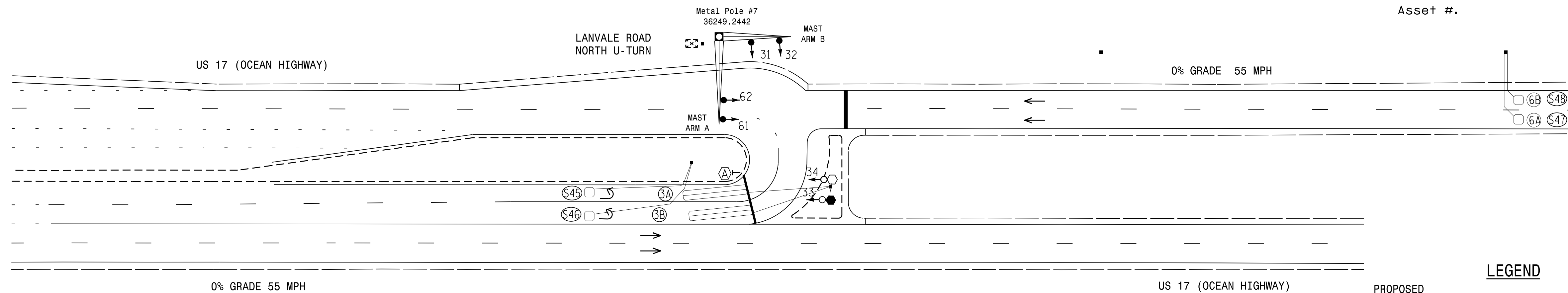


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART											
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING						
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP
3A	6X40	0	2-4-2	Y	3	Y	Y	-	-	-	-
3B	6X40	0	2-4-2	Y	3	Y	Y	-	-	-	-
6A/S47	6X6	420	5	Y	6	Y	Y	-	-	-	Y
6B/S48	6X6	420	5	Y	6	Y	Y	-	-	-	Y
S45	6X6	100	3	Y	-	-	-	-	-	-	Y
S46	6X6	100	3	Y	-	-	-	-	-	-	Y

2 Phase Fully Acutated US 17 (Ocean Hwy.) - Leland Superstreet D03-12\_Leland

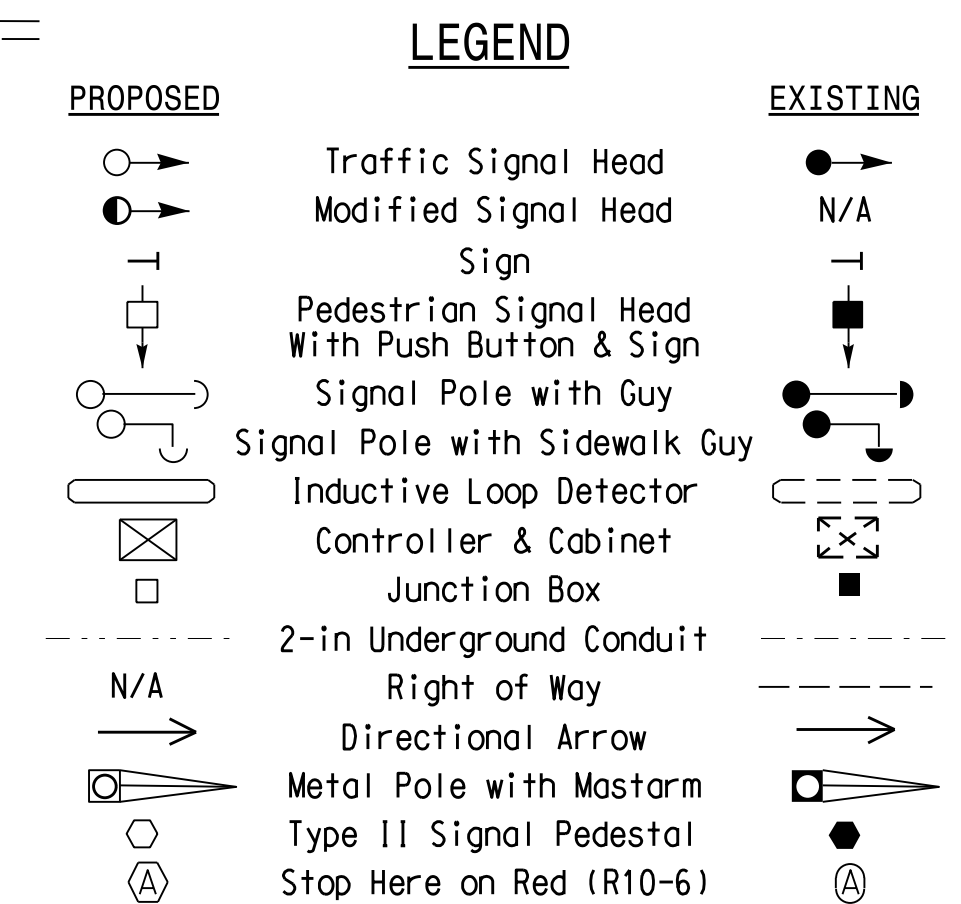
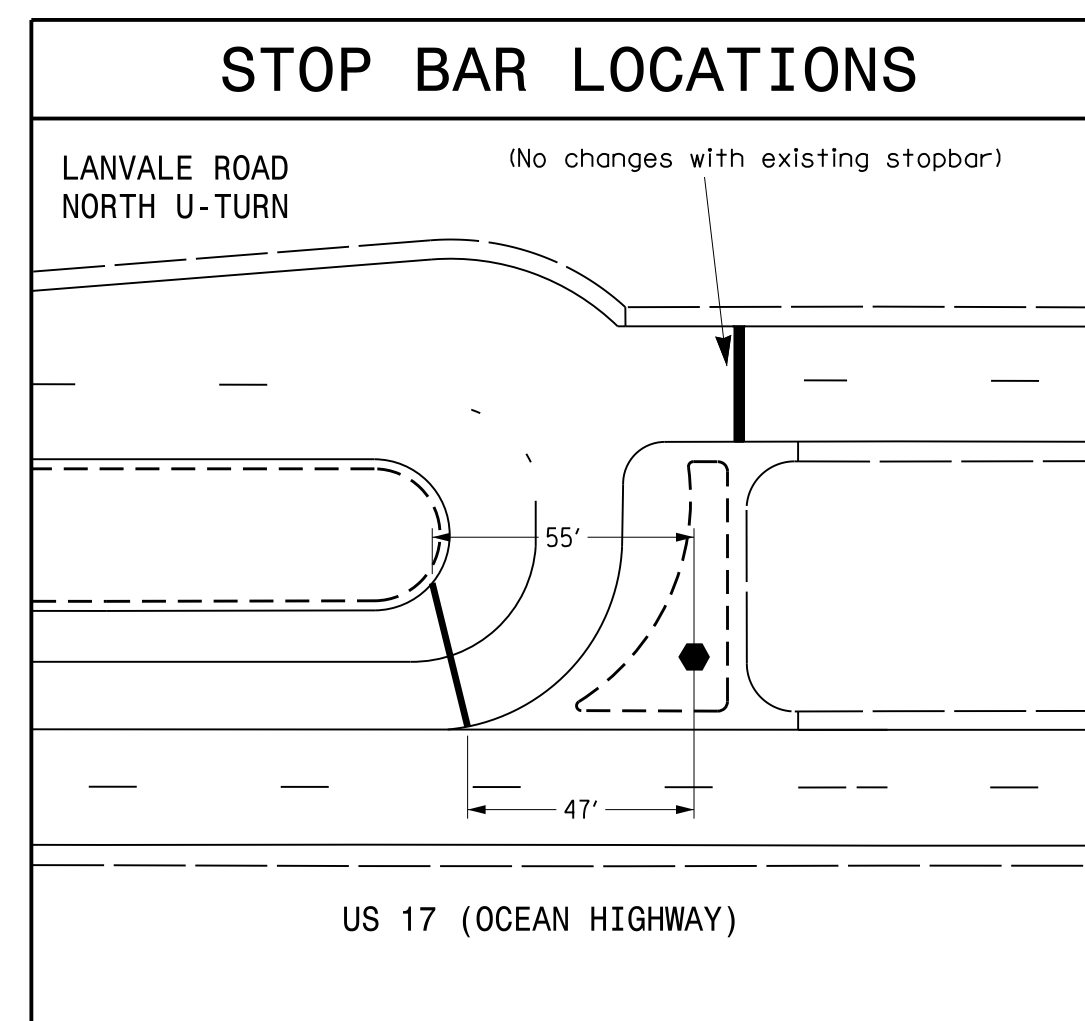
NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Closed loop system data: Master Asset #, Controller Asset #.



FEATURE	PHASE	
	3	6
Min Green 1 *	7	14
Extension 1 *	2.0	6.0
Max Green 1 *	30	90
Yellow Clearance	3.0	5.2
Red Clearance	4.1	1.0
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	-	1.5
Max Variable Initial *	-	46
Time Before Reduction *	-	15
Time To Reduce *	-	50
Minimum Gap	-	3.4
Recall Mode	-	MIN RECALL
Vehicle Call Memory	-	YELLOW
Dual Entry	-	-
Simultaneous Gap	ON	ON

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



Signal Upgrade

Prepared in the Offices of:  
 Transportation Mobility and Safety Solutions  
 STATE OF CAROLINA  
 BRUNSWICK COUNTY  
 Signal Design Section  
 750 N. Greenfield Pkwy, Garner, NC 27529

US 17 (Ocean Highway) at Brunswick Forest Drive #2 North U-Turn  
 DIVISION 3 BRUNSWICK COUNTY LELAND  
 PLAN DATE: October 2021 REVIEWED BY: KGP, Jr.  
 PREPARED BY: X. Han REVIEWED BY: MEL

SCALE: 0 40 1"=40'

REVISIONS: INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL  
 MURRAY CAROLINA  
 PROFESSIONAL ENGINEER  
 042608  
 MICHAN E. LEBLANC  
 10/27/2021  
 DATE

SIG. INVENTORY NO. 03-1003

26-OCT-2021 18:11 \*\*\*PLOT FILE FOR 001049-0005-TECCO-WITS&SIGNAL-D03-12-Leland-2021-Resurf-Facility-03-31-10101-1003-M031003-sig\_den\_2020mdd.dgn kgspeedrj