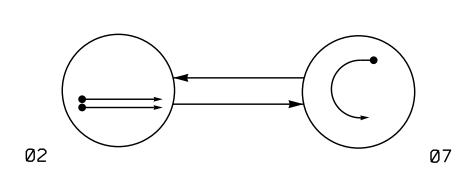
PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

≪--> PEDESTRIAN MOVEMENT

TABLE OF O	PER	ATI	ON
	Р	HAS	E
SIGNAL FACE	Ø 2	Ø 7	FLANT
21,22	G	R	Υ
71,72,73	₹R	—	₹R

SIGNAL FACE I.D.

All Heads L.E.D.

R Y 12"

71,72,73

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
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	6X6	300	4	Υ	2	Υ	Y	-	-	1	1	-
2B	6X6	300	4	Υ	2	Υ	Y	ı	ı	ı	ı	-
7A	6X40	0	2-4-2	Υ	7	Υ	Υ	-	_	-	-	_

2 Phase Fully Actuated US 17 (Ocean Highway) - 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.
- 3. Set all detector units to presence mode.
- 4. Renumber existing loop 7C as 7A.
- 5. In the event of loop
 replacement, refer to the
 current ITS and Signals Design
 Manual and submit a Plan of
 Record to the Signal Design
 Section.
- 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.

LEGEND

Traffic Signal Head

Modified Signal Head

Sign

8. Signal System data: Controller Asset # 0972.

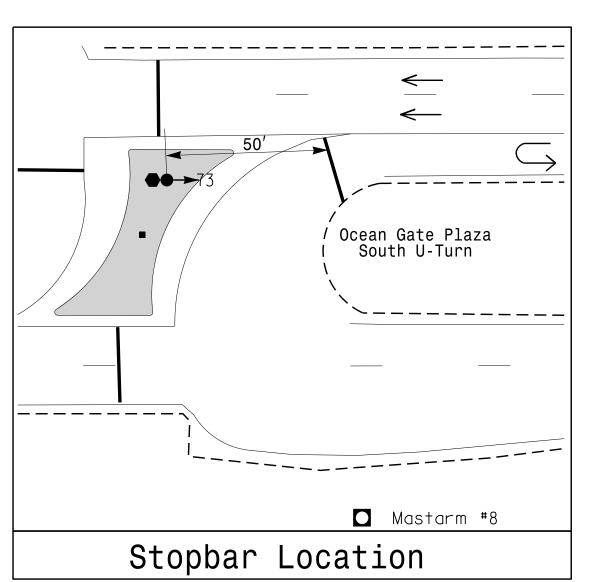
PROPOSED

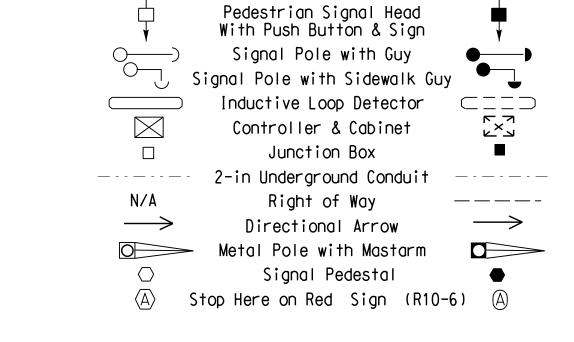
) 	US 17 (Ocean Highway)		45 Mph 0% G	rade / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
			_		
			Ocean Gate Plaza South U-Turn		
		_ ->	21 		
	45 Mph 0% Grade		Arm "B" Arm "B" [*3]	US 17 (Ocean Highway)	

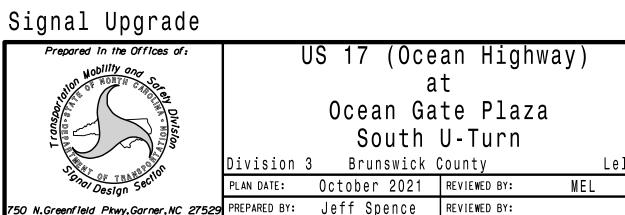
OASIS 2070	TIMING	CHART	
	PHASE		
FEATURE	2	7	
Min Green 1 *	12	7	
Extension 1 *	6.0	2.0	
Max Green 1 *	90	30	
Yellow Clearance	4.5	3.0	
Red Clearance	1.0	3.9	
Walk 1 *	-	-	
Don't Walk 1	-	-	
Seconds Per Actuation *	1.5	-	
Max Variable Initial*	34	-	
Time Before Reduction *	15	-	
Time To Reduce *	50	-	
Minimum Gap	3.0	-	
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 phases 2 and 6 lower than what is shown.

Min Green for all other phases should not be lower than 4 seconds.







Leland

MEL

SEAL

042608

MEL

Docusigned by,

MARCHARD

10/26/202

R236DA823630498

DATE

S1G. INVENTORY NO. 03-0972

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

EXISTING

S:*ITS&SU*ITS Signals*Signal Design Section jrspence