

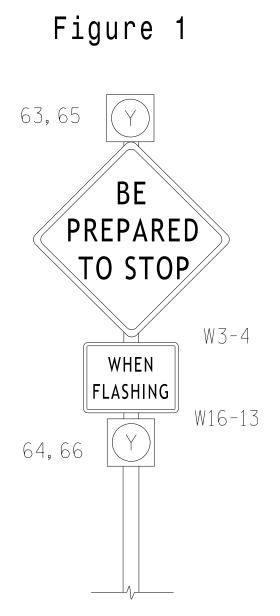
55 Mph 0% Grade

ΜΑΧΤΙΜΕ Τ	IMING	CHART		
	PHASE			
FEATURE	3	6		
Walk *	_	-		
Ped Clear *	_	-		
Min Green *	7	14		
Passage *	2.0	2.0		
Max 1 *	25	100		
Yellow Change	3.0	5.2		
Red Clear	5.6	1.2		
Added Initial *	_	-		
Maximum Initial *	-	_		
Time Before Reduction *	-	-		
Time To Reduce *	-	-		
Minimum Gap	_	_		
Advance Walk	-	_		
Pre-Clearance	-	3.0		
Non Lock Detector	X	_		
Vehicle Recall	_	MIN RECALL		
Dual Entry	_	_		

ADVANCED MICROWAVE EX	TENDED R	ANGE DET	ECTION			
FUNCTION	Sensor 1 6 A					
Channel		1				
Phase	<b>e</b> 6					
Direction of Travel	SB					
Туре	PRIORITY					
Level	1	2	QUEUE			
Discovery Zone (ft)	>=750	<750	NZA			
Range (ft)	100-900	100-600	100-150			
Enable Speed	Y	Y	Y			
Speed Range (mph)	35-100	35-100	1-35			
Enable Estimated Time of Arrival	Y	Y	Ν			
Estimated Time of Arrival (sec)	2.5-10.0	2.5-6.5	_			



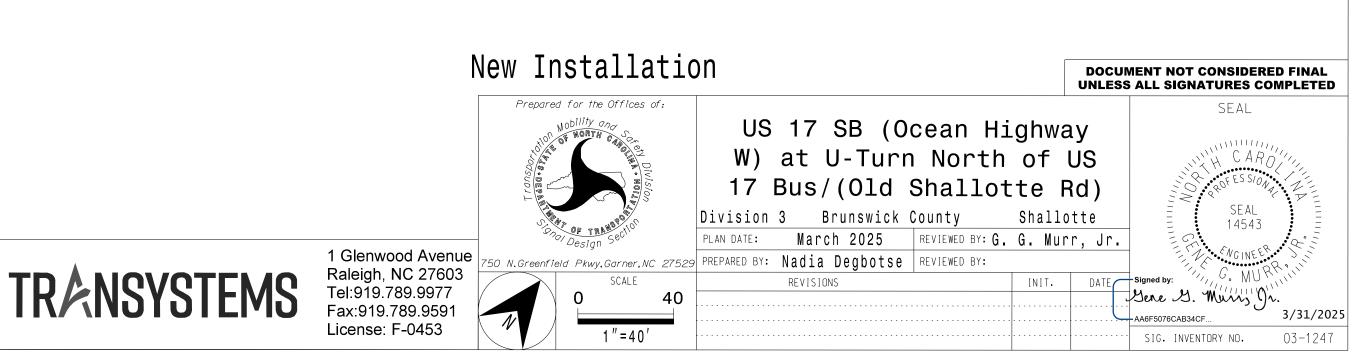
lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.



MAXTIME DETECTOR INSTALLATION CHART												
DETECTOR			PROGRAMMING									
LOOP	SIZE (FT)	DISTANCE FROM STOP LINE (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
3A	*	0	*	Х	3	-	-	Х	-	Х	-	*
		•										

TABLE OF OPERATION						
	INTERVAL					
SIGNAL Face	1	2				
63,65	ON	OFF				
64,66	OFF	ON				

US 17 (Ocean Hwy West)



## Signal System #: D03-38\_Shallotte

## 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. Set all detector units to presence mode. 4. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- 5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
- 6. Activate flashers 3 seconds prior to end of phase 6 green.
- 7. Flash vertically-mounted beacons alternately. 8. Route conduit back to signal cabinet 03-1245
- for electrical service drop. 9. Install new conduit as close as possible to edge of pavement.
- 10. Refer to the Pavement Marking Plans for pavement marking details.

## LEGEND

