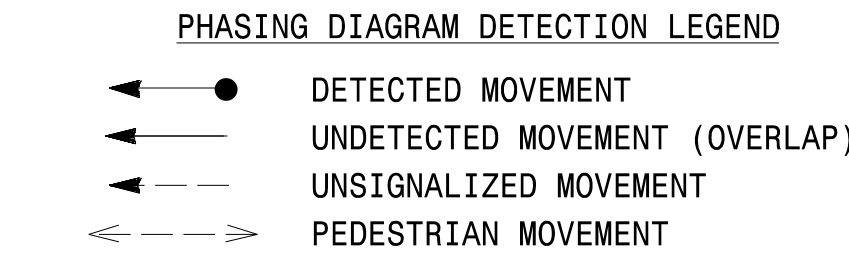
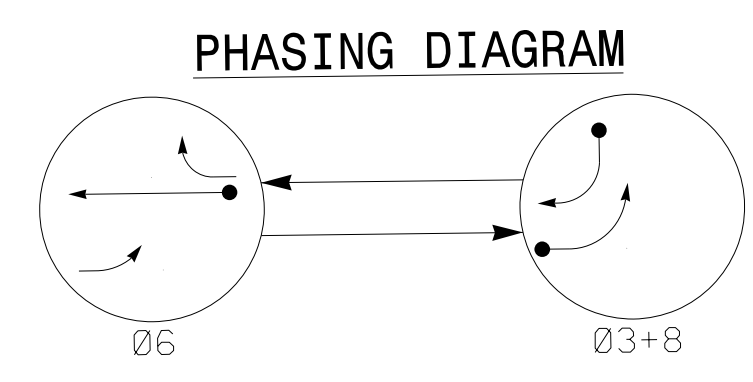


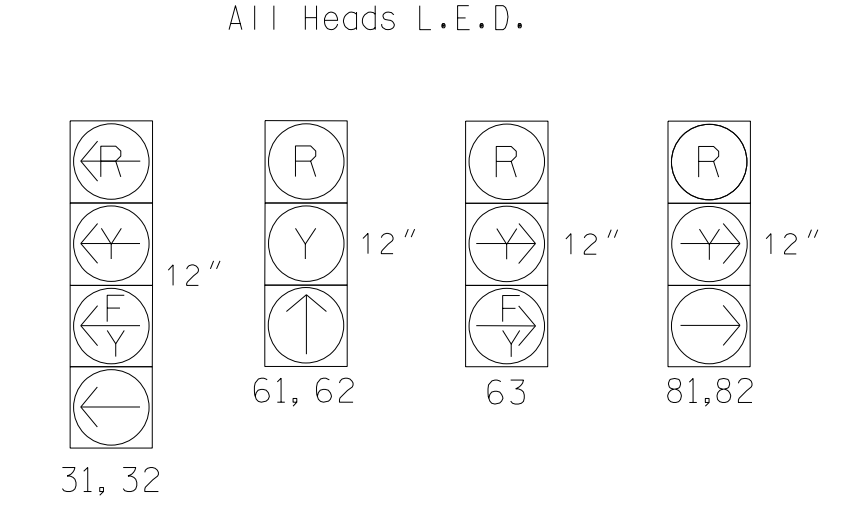
2 Phase Fully Actuated (Isolated)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
5. Refer to Pavement Marking Plans for proposed stop bar locations.
6. Reposition existing signal heads as shown on this plan.



SIGNAL FACE I.D.



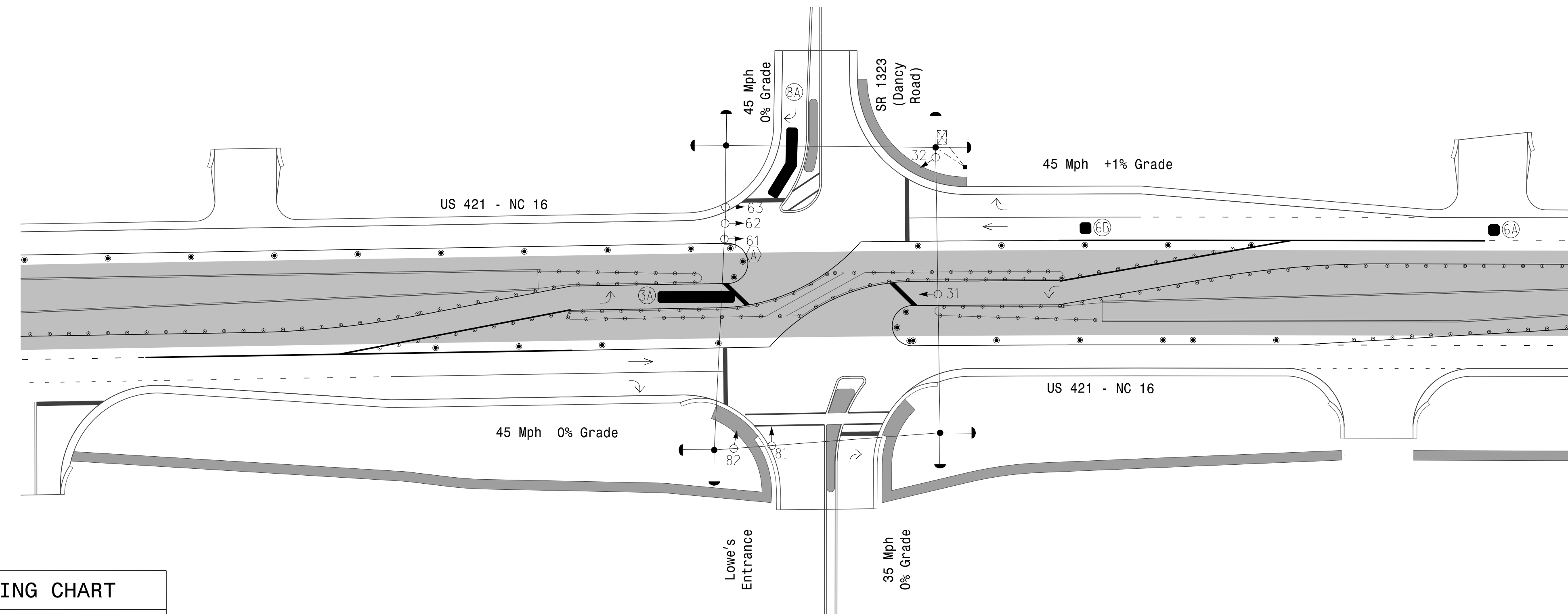
**TABLE OF OPERATION**

SIGNAL FACE	PHASE	
	06	03+8
31,32	←	←
61,62	↑	↑
63	←	←
81,82	→	→

**MAXTIME DETECTOR INSTALLATION CHART**

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING						
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN
3A	*	0	*	*	3	15.0	-	X	X	-	*
6A	*	300	*	*	6	-	1.6	X	X	-	*
6B	*	90	*	*	6	-	-	X	X	-	*
8A	*	0	*	*	4	15.0	-	X	X	-	*

\*Video Detection Zone



**LEGEND**

PROPOSED	EXISTING
	N/A
N/A	
	N/A
	N/A
	N/A

**MAXTIME TIMING CHART**

FEATURE	PHASE		
	3	6	8
Walk *	-	-	7
Ped Clear *	-	-	12
Min Green	7	12	7
Passage *	2.0	2.0	2.0
Max 1 *	30	60	30
Yellow Change	3.0	4.4	3.0
Red Clear	2.4	1.3	1.4
Added Initial *	-	-	-
Maximum Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Advance Walk	-	-	-
Non Lock Detector	X	-	X
Vehicle Recall	-	MIN RECALL	-
Dual Entry	X	-	X

\* 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.

2/14/2012 6:30:44 AM R:\Traffic\Signals\Design\Signals\00% Design Plans\Temporary Signal Design\11332T2.sig \_dsn\_202305.dgn

Signal Upgrade - Temporary Design 2(Phase 9)

750 N. Greenfield Pkwy, Garner, NC 27529

**US 421 - NC 16 at SR 1323 (Dancy Road)**

Division 11 Wilkes County Wilkesboro

PLAN DATE: May 2023 REVIEWED BY: M.L. Stygles

PREPARED BY: S.R. Chiluka REVIEWED BY: J. Ma

REVISIONS	INIT.	DATE

SEAL

SIGNATURE DATE 5/24/2023

SIG. INVENTORY NO. II-1332T2

VHB Engineering NC, P.C. (C-3705)  
940 Main Campus Drive, Suite 500  
Raleigh, NC 27606  
919.829.0328

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