

Figure 1 shows a directed graph with three nodes labeled $2+6$, 4 , and $1+6$. The nodes are arranged in a triangle. The node labeled $2+6$ (top left) has two outgoing arrows to the node labeled 4 (top right) and one outgoing arrow to the node labeled $1+6$ (bottom). The node labeled 4 has one outgoing arrow to the node labeled $1+6$. The node labeled $1+6$ has one outgoing arrow to the node labeled $2+6$. Each node contains a diagram of a directed graph with three nodes and three edges. The diagram for $2+6$ shows a cycle of length 3. The diagram for 4 shows a cycle of length 3. The diagram for $1+6$ shows a cycle of length 3.

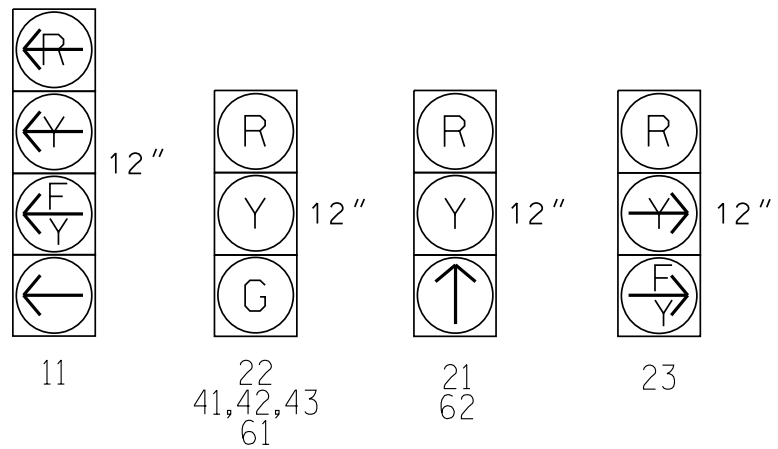
SIGNAL FACE	PHASE			
	1 + 6	2 + 6	4	FLASH
11	←		←	←
21	R	↑	R	R
22	R	G	R	R
23			R	R
41,42,43	R	R	G	R
61	G	G	R	R
62	↑	↑	R	R

DETECTOR					PROGRAMMING							
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED	INITIAL CALL	DELAY DURING GREEN	NEW CARD
1A*	6X40	0	*	-	1 6	15.0 -	- -	X X	- -	X X	- -	- *
2A*	6X6	70	*	-	2	-	-	X	-	X	-	-
4A*	6X40	0	*	*	4	-	-	X	-	X	-	*
4B*	6X40	0	*	*	4	15.0	-	X	-	X	-	*
6A*	6X6	70	*	*	6	-	-	X	-	X	-	*

* Video Detection Zone

 DETECTED MOVEMENT
 UNDETECTED MOVEMENT (OVERLAP)
 UNSIGNALIZED MOVEMENT

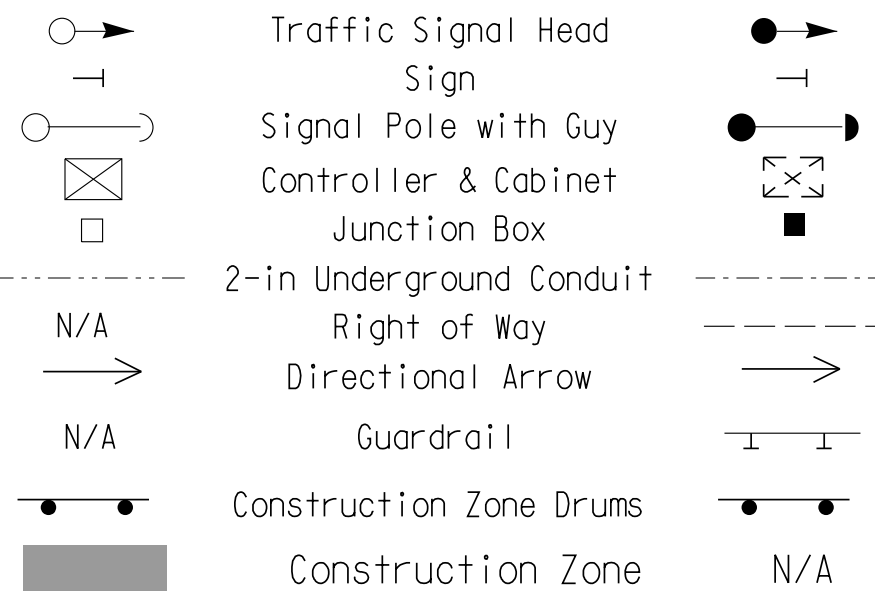
All Heads L.E.D.



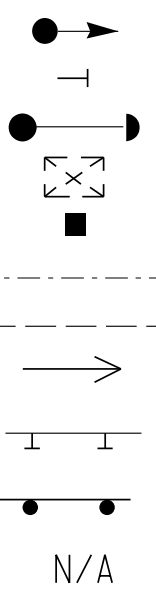
MAXTIME TIMING CHART				
FEATURE	PHASE			
	1	2	4	6
Walk *	—	—	—	—
Ped Clear	—	—	—	—
Min Green *	7	10	7	10
Passage *	2.0	3.0	2.0	3.0
Max 1 *	20	60	40	60
Yellow Change	3.0	4.1	3.7	4.1
Red Clear	1.6	1.9	1.0	1.9
Added Initial *	—	—	—	—
Maximum Initial *	—	—	—	—
Time Before Reduction *	—	—	—	—
Time To Reduce *	—	—	—	—
Minimum Gap	—	—	—	—
Advance Walk	—	—	—	—
Non Lock Detector	X	—	X	—
Vehicle Recall	—	MIN RECALL	—	MIN RECALL
Dual Entry	—	—	—	—

* These values may be field adjusted. Do not adjust Min Green and Passage times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

PROPOSED



EXISTING



 No Right Turn Sign (R3-1)

 No Left Turn Sign (R3-2)

Signal Upgrade - Temporary Design 2
(TMP Phase III)

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

US 311/NC 135
at
20 Southbound Ramps

Division 7 Rockingham County Mayodan

PLAN DATE:	June 2025
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REVIEWED BY:

REVISIONS

IT.	D
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—Signed by:

6/30/2025

SIGNATURE

DATE

SIG. INVENTORY NO. 07-1475 T2

Plans Prepared in the Offices of:

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