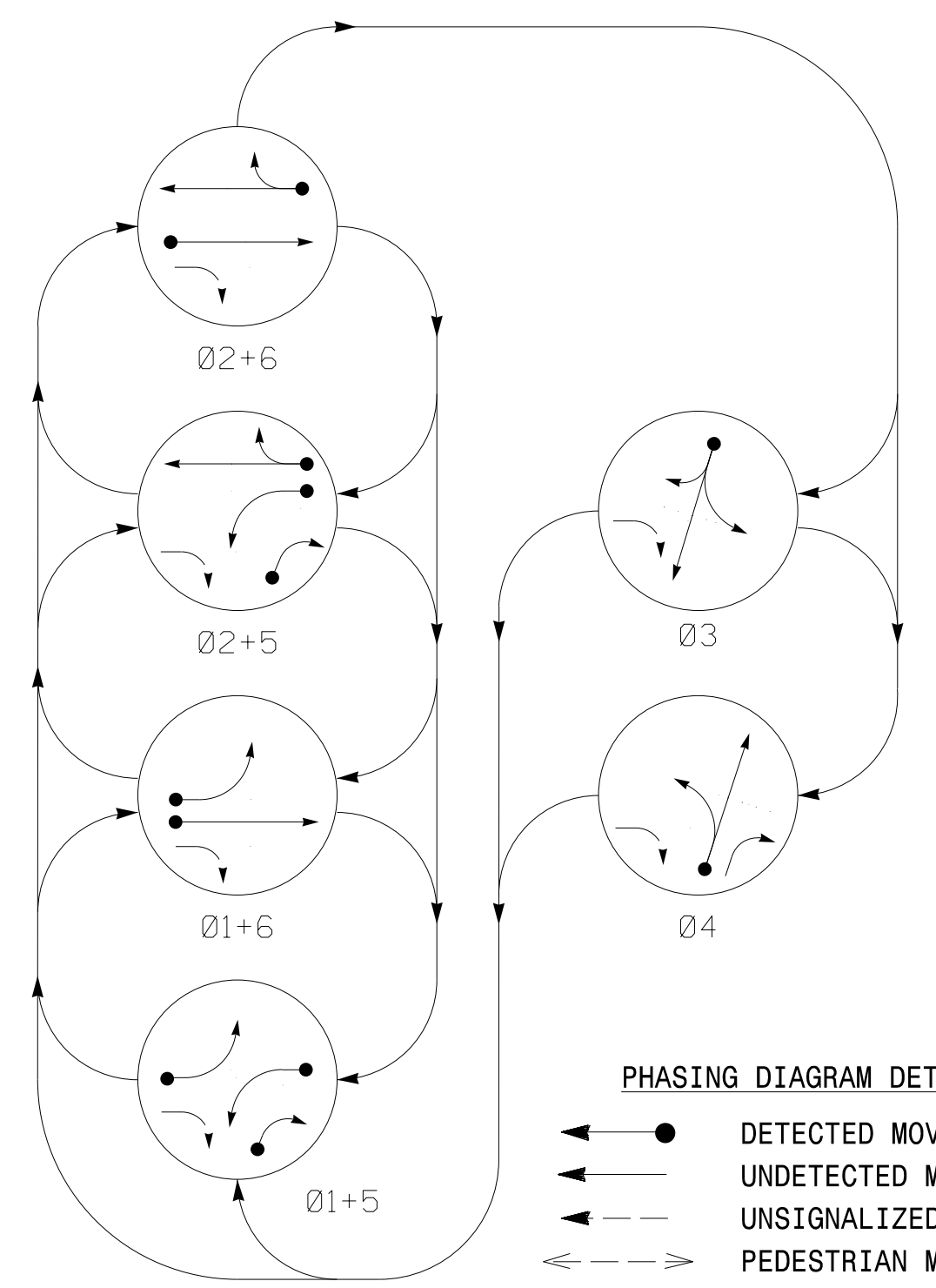


**PHASING DIAGRAM**



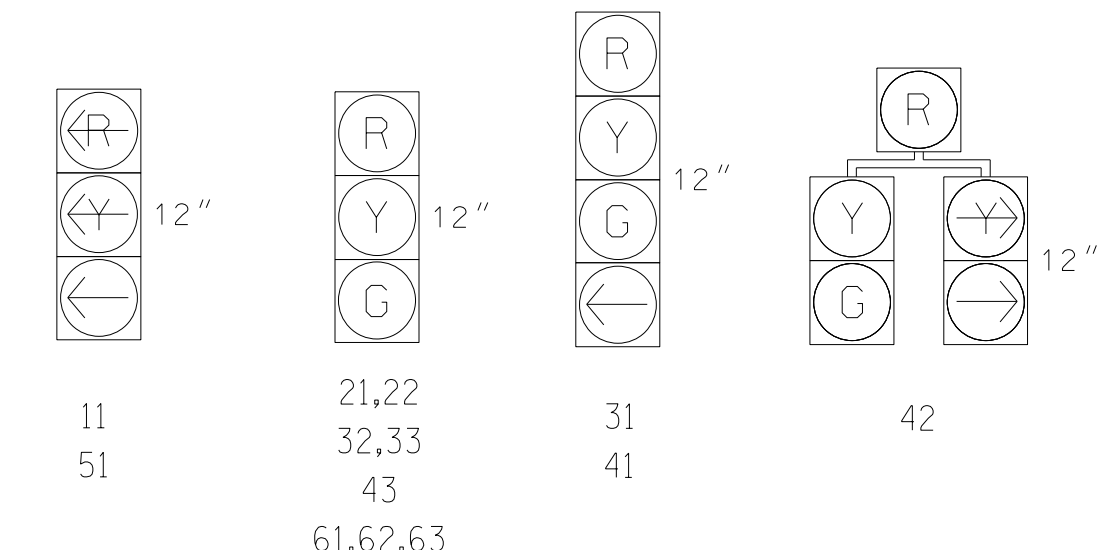
**PHASING DIAGRAM DETECTION LEGEND**

- DETECTED MOVEMENT
- ◄ UNDETECTED MOVEMENT (OVERLAP)
- ◄ UNSIGNALIZED MOVEMENT
- ◄ PEDESTRIAN MOVEMENT

**TABLE OF OPERATION**

SIGNAL FACE	PHASE						FLASH
	01+5	01+6	02+5	02+6	03	04	
11	←	←	←	←	←	←	
21,22	R	R	G	G	R	R	Y
31	R	R	R	R	G	R	R
32,33	R	R	R	R	G	R	R
41	R	R	R	R	R	G	R
42	R	R	R	R	R	G	R
43	R	R	R	R	R	G	R
51	←	←	←	←	←	←	
61,62,63	R	G	R	G	R	R	Y

**SIGNAL FACE I.D.**  
All Heads L.E.D.



**MAXTIME DETECTOR INSTALLATION CHART**

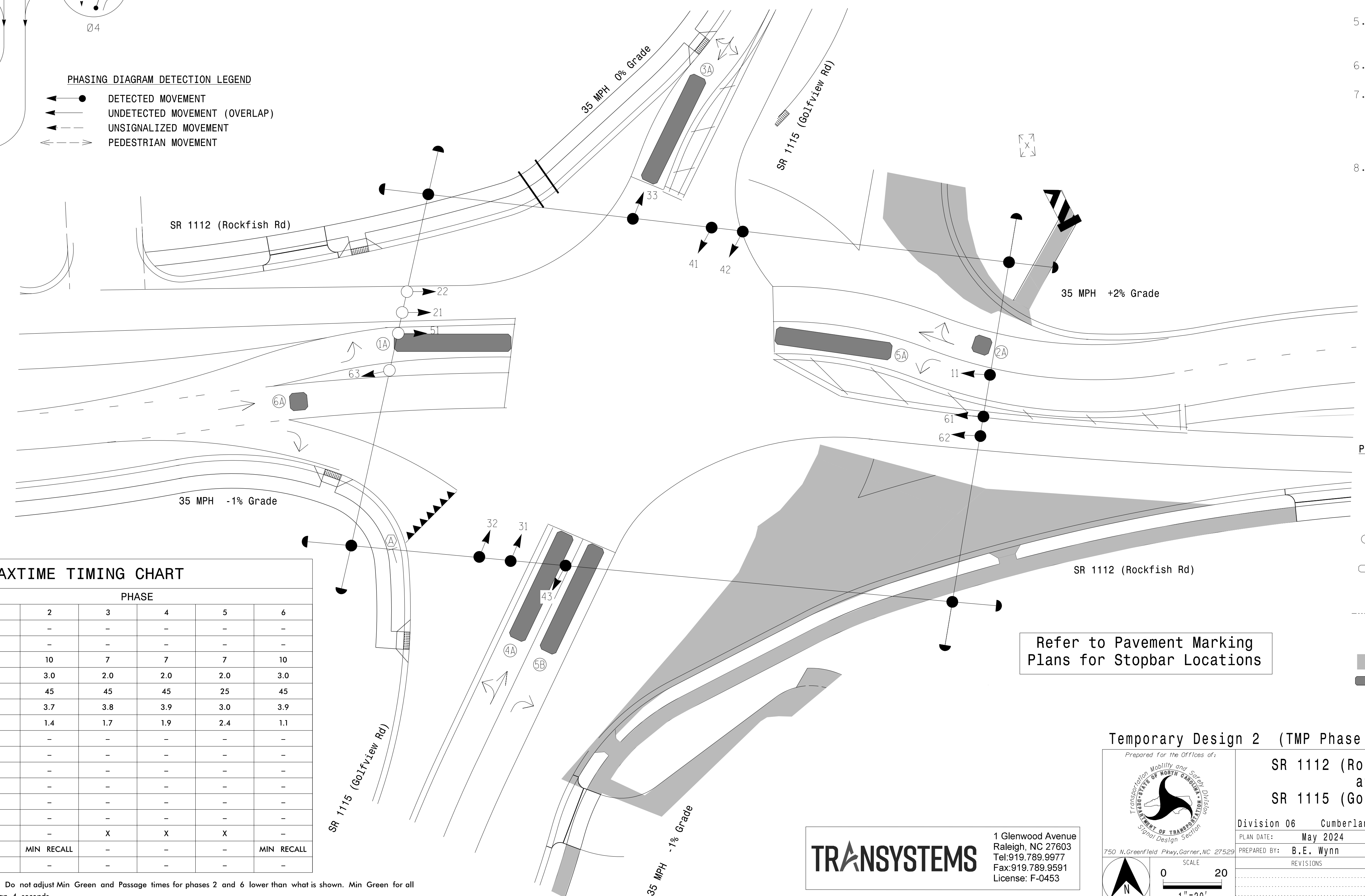
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW ZONE	PROGRAMMING						
					CALL PHASE	SWITCH PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL CALL	DELAY DURING GREEN NEW CARD
*1A	6X60	0	*	X	1	-	-	-	X	X	-
*2A	6X6	70	*	X	2	-	-	-	X	X	-
*3A	6X60	0	*	X	3	-	-	-	X	X	-
*4A	6X60	0	*	X	4	-	-	-	X	X	-
*5A	6X60	0	*	X	5	-	-	-	X	X	-
*5B**	6X60	0	*	X	5	4	15	-	X	X	-
*6A	6X6	70	*	X	6	-	-	-	X	X	-

\* Video Detection Zone  
\*\* Enable Switch Detector

**6 Phase Fully Actuated System #D06-03 Hope Mills**

**NOTES**

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Phase 1 and/or phase 5 may be lagged.
- The order of phase 3 and phase 4 may be reversed.
- Reposition existing signal heads numbered 11,31,32,33,41,42, 43,61 & 62.
- Set all detector units to presence mode.
- This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.

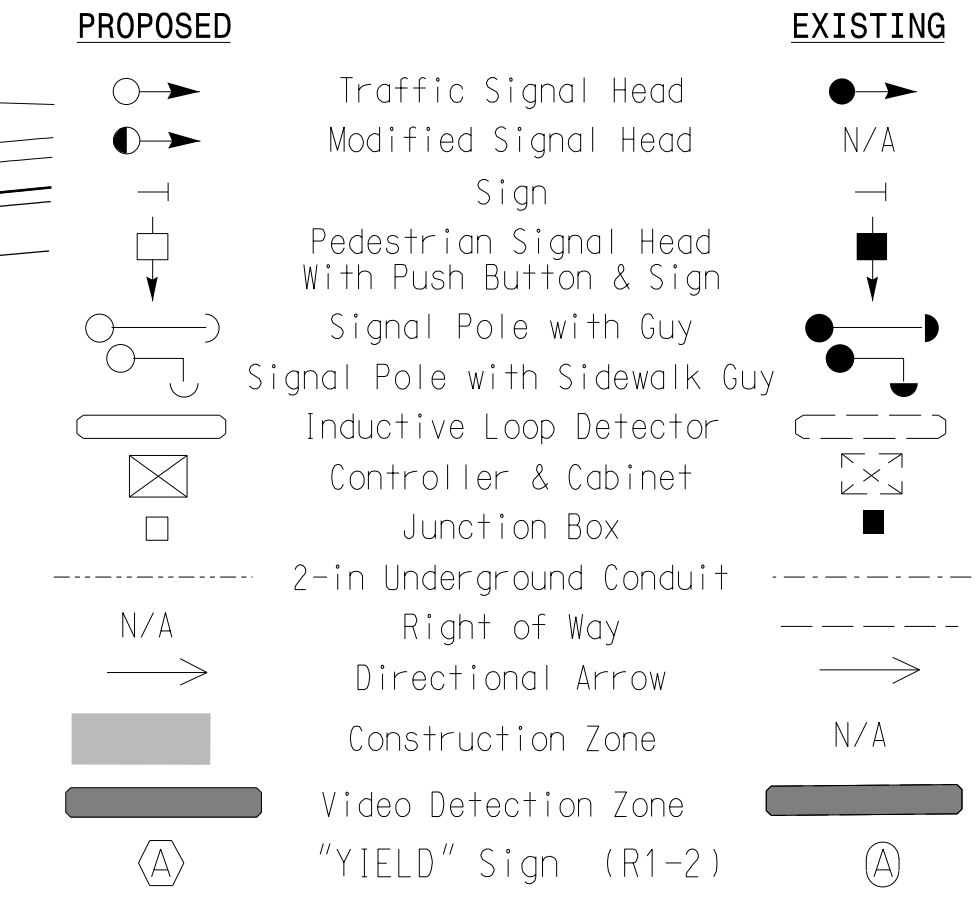


**MAXTIME TIMING CHART**

FEATURE	PHASE					
	1	2	3	4	5	6
Walk *	-	-	-	-	-	-
Ped Clear *	-	-	-	-	-	-
Min Green *	7	10	7	7	7	10
Passage *	1.0	3.0	2.0	2.0	2.0	3.0
Max I *	25	45	45	45	25	45
Yellow Change	3.0	3.7	3.8	3.9	3.0	3.9
Red Clear	1.9	1.4	1.7	1.9	2.4	1.1
Added Initial *	-	-	-	-	-	-
Maximum Initial *	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-
Advance Walk	-	-	-	-	-	-
Non Lock Detector	X	-	X	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.

**LEGEND**



Refer to Pavement Marking Plans for Stopbar Locations

**Temporary Design 2 (TMP Phase II)**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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**SR 1112 (Rockfish Road) at SR 1115 (Golfview Road)**

Division 06 Cumberland County Hope Mills

PLAN DATE: May 2024 REVIEWED BY: G.G. Murr, Jr.

PREPARED BY: B.E. Wynn REVIEWED BY:

SEAL

SEAL 14543

ENGINEER

G.G. MURR, JR.

DATE 11/12/2024

DATE

SIG. INVENTORY NO. 06-058012