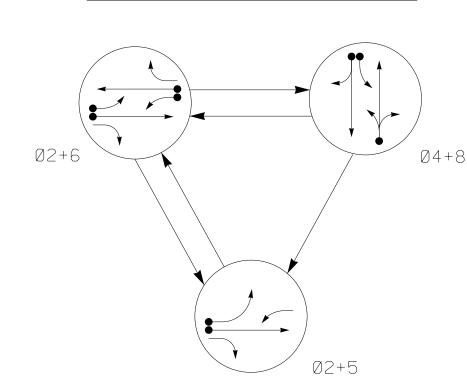
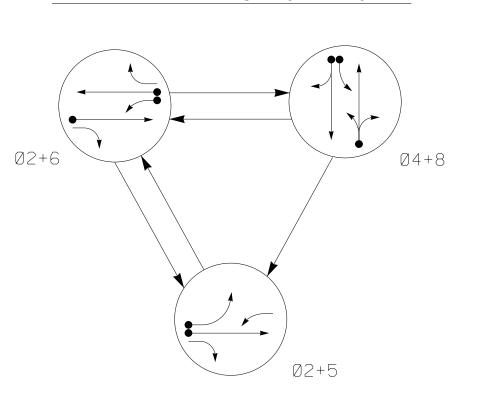
DEFAULT PHASING DIAGRAM



ALTERNATE PHASING DIAGRAM



SIGNAL FACE I.D.

All Heads L.E.D.

21,22 42,43 62,63 81,82

SR 1672 (Hanes Mill Rd)

45 MPH -2% Grade

Joint-Use Pole #4

DEFAULT	PH	ASI	NG	
TABLE OF	0PI	ERA [*]	TIO	N
		PHA	4SE	
SIGNAL FACE	Ø 2 + 5	Ø2+6	Ø 4 + 8	LUGSI
21,22	G	G	R	Υ
23	F	F	R	Y ►
41			F Y	
42,43	R	R	G	R
51	-	- F	→ R	¥
61	▼ F	F		¥
62,63	R	G	R	Y
81,82	R	R	G	R

62,63

81,82

ALTERNATE PHASING				OASIS 2070 LOOP & DETECTOR INSTALLATION CHART										Т						
VETERINATE LINOTING				INDUCTIVE LOOPS				DETECTOR PROGRAMMING												
TABLE OF OPERATION						DISTANCE		00P		G	Z	DELAY			LOOP	CARD				
	PHASE					ZONE	SIZE (FT)	FROM STOPBAR	TURNS	-	PHASE	CALLING	EXTENSION	TIME	STRETCH	DELAY TIME				
SIGNAL	Ø 2	Ø 2	Ø 4	F			(F1)	(FT)		NEW		ð	EXT	FULL T	IIME	II/ME	SYSTEM	NEW		
FACE	+	+	+	AS		2A*	6X6	300	*	*	2	Υ	Υ	_	_	-	_	*		
	5	6	8	H		4A*	6X40	0	*	*	4	Υ	Υ	-	-	3	-	*		
21,22	G	G	R	Υ		4B*	6X40	0	*	*	4	Υ	Υ	_	-	10	_	*		
23	F	F	R	→		5A*	EAW CV40	6X40	0		*	* *	5	Υ	Υ	_	_	15 * *	_	*
41	→ R	4 R	- F			DA木	6740	U	<u> </u>	木	2#	Υ	Υ	Υ	_	3	_	*		
42,43	R	R	G	R		6A*	6X6	300	*	*	6	Υ	Υ	_	_	_	_	*		
51				-		6B*	6X40	0	*	*	6	Υ	Υ	Υ	_	3	-	*		
61	F _√	F.	-1\ 			8A*	6X40	0	*	*	8	Υ	Υ	_	_	10	-	*		

* Video Detection Zone

35 MPH (posted)/ 45 MPH (design) +2% Grade

SR 1672 (Hanes Mill Rd)

M

MOTT

MACDONALD

Fuquay-Varina, NC 27526 www.mottmac.com License No.F-0669

7621 Purfoy Road Suite 115

Joint-Use Pole #2

- ** Reduce Delay to 3 Seconds During Alternate Phasing Operation
- # Disable Phase Callfor Loop(s) During Alternate Phasing Operation.

3 Phase	
Fully Actuated	
(Winston-Salem Signal	System)

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 flashing operation unless otherwise directed by the Engineer.
- 3. Phase 5 may be lagged.
- 4. Reposition existing signal heads numbered 41,42 and 43.
- 5. Set all detector units to presence mode.
- 6. The Division (City) Traffic Engineer will determine the hours of use for each phasing plan.
- 7. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- 8. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 9. Reconnect and Unbag signal heads 41,42, 43, and 51.

PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT $<\!\!--\!\!>$ PEDESTRIAN MOVEMENT

OASIS 2070 TIMING CHART										
	PHASE									
FEATURE	2	4	5	6	8					
Min Green 1 *	12	7	7	12	7					
Extension 1 *	6.0	2.0	2.0	6.0	2.0					
Max Green 1 *	90	25	25	90	25					
Yellow Clearance	4.7	3.5	3.0	4.7	3.5					
Red Clearance	1.2	1.9	2.8	1.2	1.9					
Walk 1 *	-	-	-	-	-					
Don't Walk 1	-	-	-	-	-					
Seconds Per Actuation *	2.5	-	-	2.5	-					
Max Variable Initial*	34	-	-	34	_					
Time Before Reduction *	15	-	-	15	_					
Time To Reduce *	30	-	-	30	-					
Minimum Gap	3.0	-	-	3.0	-					
Recall Mode	MIN RECALL	-	-	MIN RECALL	-					
Vehicle Call Memory	YELLOW	-	-	YELLOW	-					
Dual Entry	-	ON	-	-	ON					
Simultaneous Gap	ON	ON	ON	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.

Traffic Signal Head Modified Signal Head Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy

N/A

 \longrightarrow

N/A

Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit Right of Way Directional Arrow

> Guardrail Construction Zone Video Detection Zone

LEGEND

Sign

Signal Upgrade - Temporary Design 4 (TMP Phase IV, TMP-21A)

1"=40'

SR 1672 (Hanes Mill Rd) US 52 NB Ramps

	Division	9 Fo	rsyth	Co	unty	Wi	Winston-Sale				
	PLAN DATE:	March	2023		REVIEWED BY:	RW	Thom	pson			
529	PREPARED BY:	LD Sto	uchko		REVIEWED BY:						
		REVISIONS					NIT.	DATE			

SIG. INVENTORY NO. 09-1105T

032711

DOCUMENT NOT CONSIDERED

FINAL UNLESS ALL SIGNATURES COMPLETED

EXISTING

N/A

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