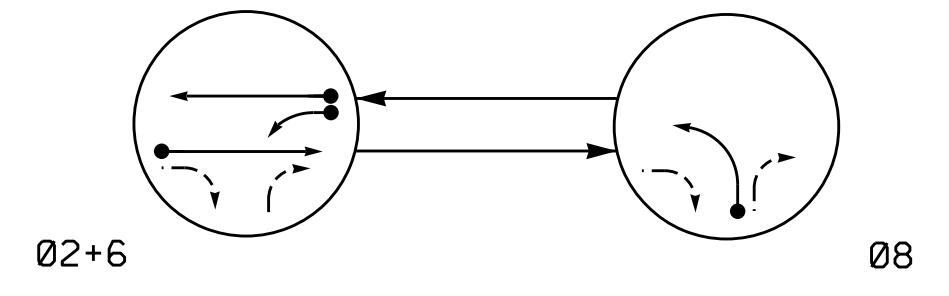


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- ←● DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ←--- PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	02+6	08	LEADER
21, 22	G	R	Y
61	F	R	Y
62, 63	G	R	Y
81, 82	R	Y	R

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING							
					PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A/S3	6X6	300	5	-	2	Y	Y	-	-	-	Y	-
6A/S4	6X6	300	5	-	6	Y	Y	-	-	-	Y	-
6B	6X40	0	2-4-2	-	6	Y	Y	Y	-	3	-	-
8A	6X40	0	2-4-2	-	8	Y	Y	-	-	-	-	-

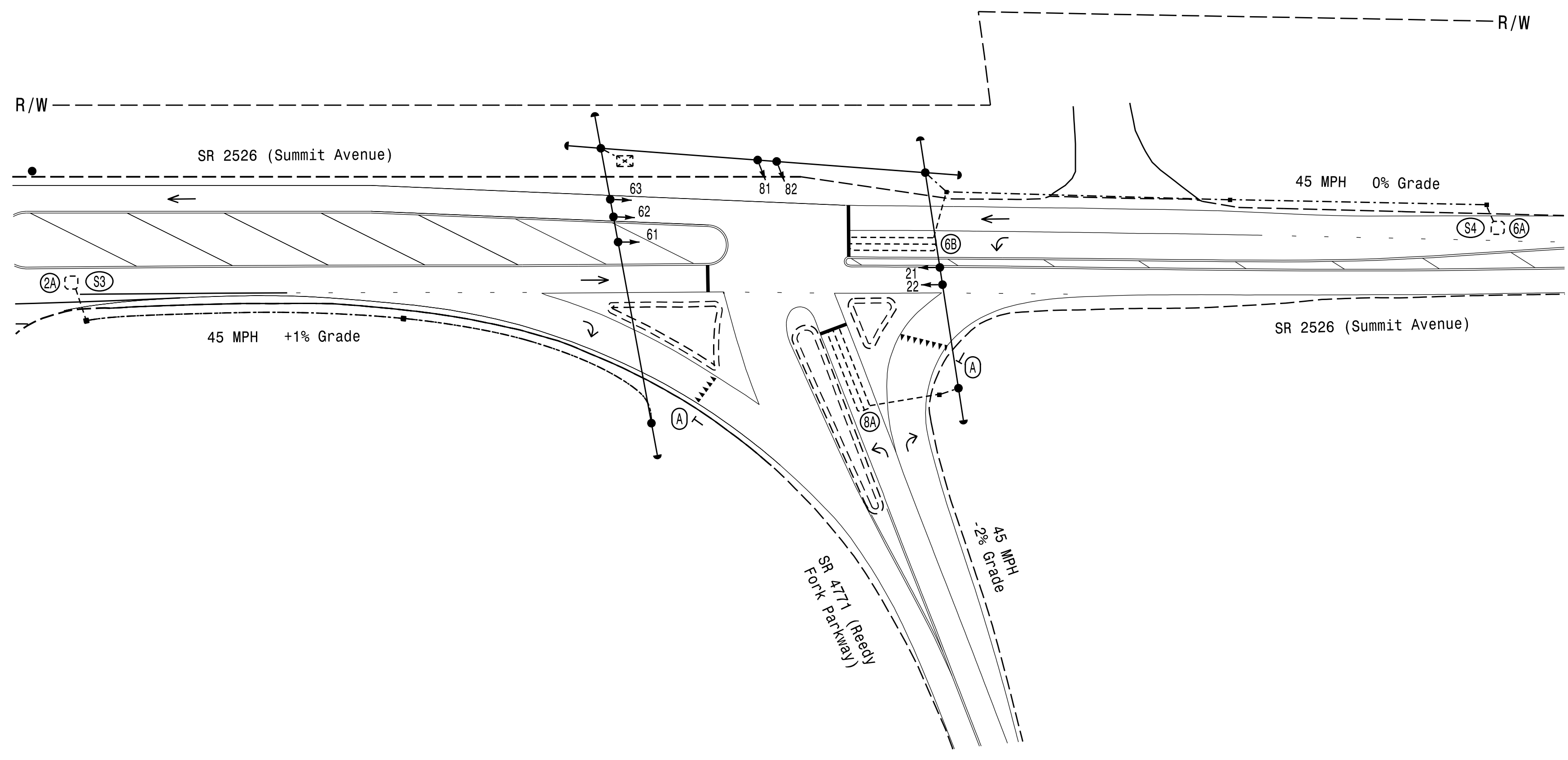
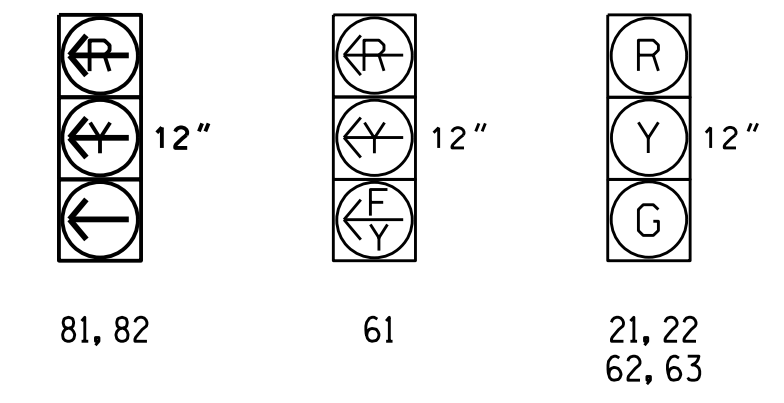
2 Phase Fully Actuated SR 2526 (Summit Avenue) CLS

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Reposition existing signal heads numbered 62 and 63.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Closed loop system data: Controller Asset #: 1533.

SIGNAL FACE I.D.

All Heads L.E.D.



OASIS 2070 TIMING CHART

FEATURE	PHASE		
	2	6	8
Min. Green 1 *	12	12	7
Extension 1 *	6.0	6.0	2.0
Max Green 1 *	60	60	35
Yellow Clearance	4.5	4.5	3.3
Red Clearance	1.0	1.0	2.1
Red Revert	2.0	2.0	2.0
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	-	-	-
Simultaneous Gap	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.

LEGEND

- | | |
|--|--|
| PROPOSED | EXISTING |
| ○ → Traffic Signal Head | ● → Traffic Signal Head |
| ● → Modified Signal Head | N/A |
| — Sign | — Sign |
| □ Pedestrian Signal Head With Push Button & Sign | □ Pedestrian Signal Head With Push Button & Sign |
| ○ → Signal Pole with Guy | ○ → Signal Pole with Guy |
| ○ → Signal Pole with Sidewalk Guy | ○ → Signal Pole with Sidewalk Guy |
| ⊠ Inductive Loop Detector | ⊠ Inductive Loop Detector |
| ⊠ Controller & Cabinet | ⊠ Controller & Cabinet |
| □ Junction Box | □ Junction Box |
| --- 2-in Underground Conduit | --- 2-in Underground Conduit |
| N/A Right of Way | N/A Right of Way |
| → Directional Arrow | → Directional Arrow |
| (A) "YIELD" Sign (R1-2) | (A) "YIELD" Sign (R1-2) |

Signal Upgrade Temporary Design 2 (TMP Phase II - Step 8)

Project #: 180914

DAVENPORT

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	SR 2526 (Summit Avenue) at SR 4771 (Reedy Fork Parkway)		
	Division 7 Guilford County Greensboro PLAN DATE: April 2020 REVIEWED BY: R. Hinshaw PREPARED BY: A. Hayes REVIEWED BY:	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
750 N. Greenfield Pkwy, Garner, NC 27529 SCALE: 0 40 1" = 40'	REVISIONS: _____ INITI: _____ DATE: _____ _____ _____	DocuSigned by: R. Hinshaw SIGNATURE DATE: 4/20/2020 SIG. INVENTORY NO. 07-153312	