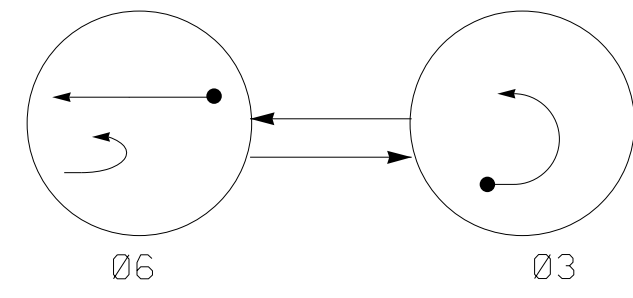


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

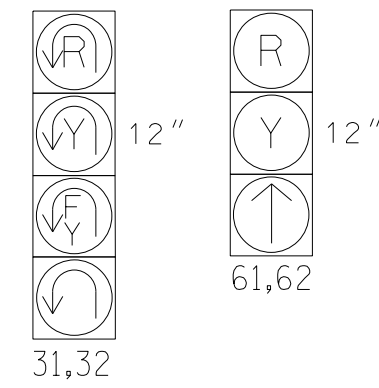
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	03	06	FLASH
31,32	←	→	↑
61,62	→	←	↑

SIGNAL FACE I.D.

All Heads L.E.D.



MAXTIME DETECTOR INSTALLATION CHART

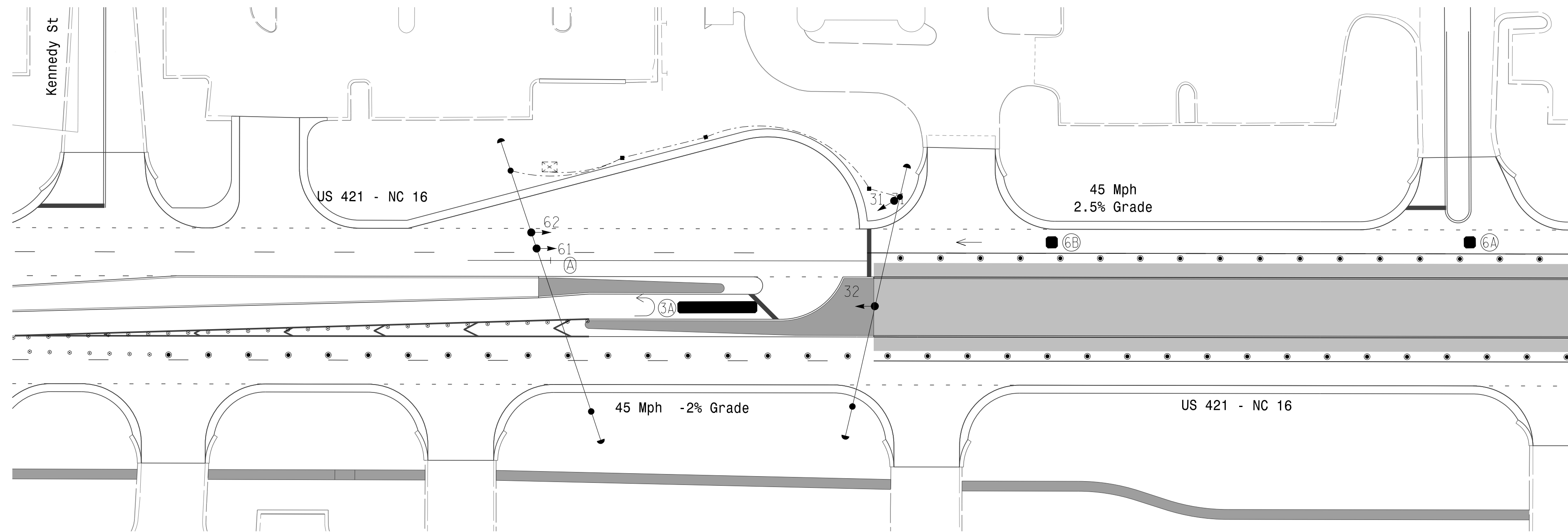
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING							
					CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD	
3A	*	0	*	*	3	15.0	-	X	-	X	-	*
6A	*	300	*	*	6	-	1.6	X	-	X	-	*
6B	*	90	*	*	6	-	-	X	-	X	-	*

*Video Detection Zone

2 Phase Fully Actuated (Isolated)

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 operation unless otherwise directed by the Engineer.
- 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.
- Refer to Pavement Marking Plans for proposed stop bar locations.



MAXTIME TIMING CHART

FEATURE	PHASE	
	3	6
Walk *	-	-
Ped Clear *	-	-
Min Green	7	12
Passage *	2.0	2.0
Max 1 *	30	60
Yellow Change	3.0	4.3
Red Clear	3.3	1.0
Added Initial *	-	-
Maximum Initial *	-	-
Time Before Reduction *	-	-
Time To Reduce *	-	-
Minimum Gap	-	-
Advance Walk	-	-
Non Lock Detector	X	-
Vehicle Recall	-	MIN RECALL
Dual Entry	-	-

* 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
	N/A
	N/A
	N/A
	N/A
	N/A

2/14/2012 6:30:44 AM R:\Traffic\Signals\Design\Signals\90% Design Plans\Temporary Signal Design\U5312_11-XXXXT3_Ph 11_Sig _dsn_Dancy Rd East U Turn.dgn U Turn.dgn schiluka



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Signal Upgrade - Temporary Design 3(Phase 11)

750 N. Greenfield Pkwy, Garner, NC 27529

US 421-NC 16 at SR 1323 (Dancy Road)/Lowe's Entrance East U-Turn

Division 11 Wilkes County Wilkesboro

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

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

SEAL

SEAL 047250

SIGNATURE DATE

5/24/2023

SCALE 0 40 1"=40'

REVISIONS	INIT.	DATE

SIG. INVENTORY NO. II-1468T3