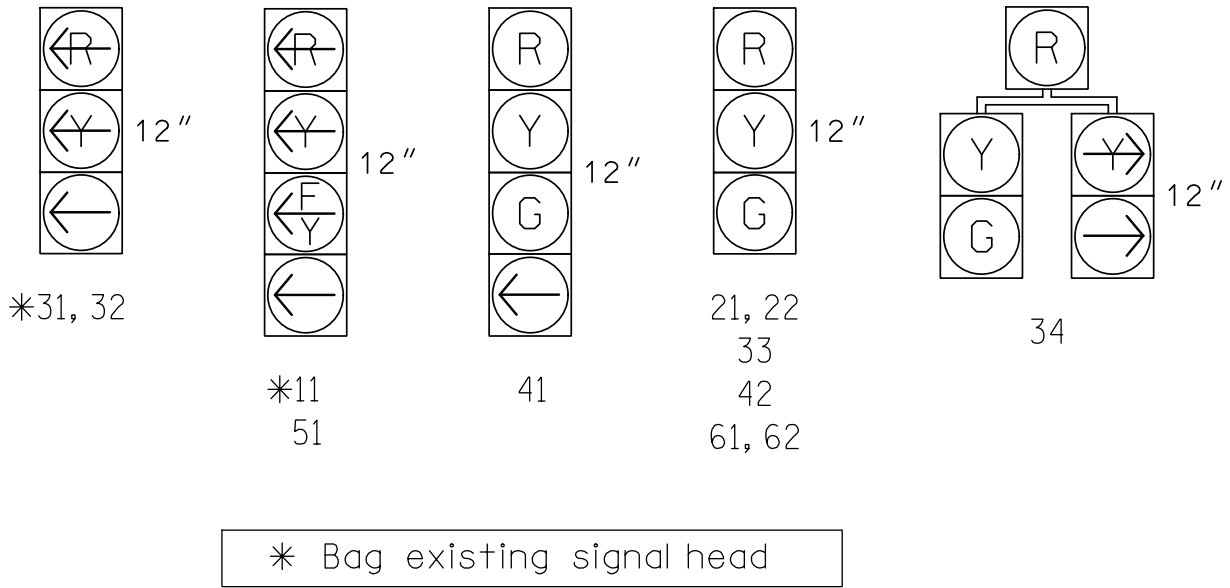


	DETECTED MOVEMENT
	UNDETECTED MOVEMENT (OVERLAP)
	UNSIGNALIZED MOVEMENT
	PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE				
	0 2 + 5	0 2 + 6	0 3	0 4	F L A S H
21, 22	G	G	R	R	R
32	$\overleftarrow{R}$	$\overleftarrow{R}$	$\overleftarrow{R}$	$\overleftarrow{R}$	$\overleftarrow{R}$
33	R	R	G	R	R
34	$\overrightarrow{R}$	R	G	R	R
41	R	R	$\overleftarrow{G}$	R	R
42	R	R	R	G	R
51	$\overleftarrow{F}$	$\overleftarrow{F}$	$\overleftarrow{R}$	$\overleftarrow{R}$	$\overleftarrow{R}$
61, 62	R	G	R	R	R

All Heads L.E.D.



DETECTOR					PROGRAMMING							
LOOP/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
3A	6X40	0	*	*	3	-	-	X	-	X	-	*
3B	6X40	0	*	*	3	-	-	X	-	X	-	*
4A	6X40	0	*	*	4	3	-	X	-	X	-	*
4B	6X40	0	*	*	4	10	-	X	-	X	-	*
4C	6X12	0	*	*	4	15	-	X	-	X	-	*
5A	6X40	0	*	*	5	15	-	X	-	X	-	*
					2	-	-	X	-	X	-	*
5B	6X40	0	*	*	5	15	-	X	-	X	-	*

* Multi-zone Microwave Detection Zone

FUNCTION	SENSOR 1 – (2A)	SENSOR 1 – (6A)
Channel	1	2
Phase	2	6
Direction of Travel	SB	NB
Detection Zone (ft)	500 – 100	500 – 100
Enable Speed	Y	Y
Speed Range (mph)	35 – 100	35 – 100
Enable Estimated Time of Arrival	Y	Y
Estimated Time of Arrival (sec)	2.5 – 6.5	2.5 – 6.5

FEATURE	PHASE				
	2	3	4	5	6
Walk *	–	–	–	–	–
Ped Clear *	–	–	–	–	–
Min Green	12	7	7	7	12
Passage *	2.0	2.0	2.0	2.0	2.0
Max 1 *	90	30	30	20	90
Yellow Change	4.6	3.8	3.8	3.0	4.6
Red Clear	1.4	2.0	1.9	2.9	1.4
Red Revert	5.0	2.0	2.0	2.0	2.0
Added Initial *	–	–	–	–	–
Maximum Initial *	–	–	–	–	–
Time Before Reduction *	–	–	–	–	–
Time To Reduce *	–	–	–	–	–
Minimum Gap	–	–	–	–	–
Advance Walk	–	–	–	–	–
Non Lock Detector	–	X	X	X	–
Vehicle Recall	MIN 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.

PROPOSED	EXISTING
	N/A
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N/A	Right of Way
"U-TURN YIELD TO RIGHT TURN" Sign (R10-16)	
No U-Turn/No Left Turn Sign (R3-18)	

Signal Upgrade
Temporary Design 2 - TMP Phase III, Step 1

SR 1997 (Fayetteville Road)
at
Farringdom Street

Division 6 Robeson County Lumberton

PLAN DATE: Feb 2025	REVIEWED BY: H.M. Surti
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PREPARED BY: J.C. Grimm	REVIEWED BY: T.M. Moody
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REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



DocuSigned by: [Signature]
3/10/20

45EA1B1838704E0... NEW MOODY 2/18/20
SIGNATURE DATE

SIG. INVENTORY NO. 06-0757T