

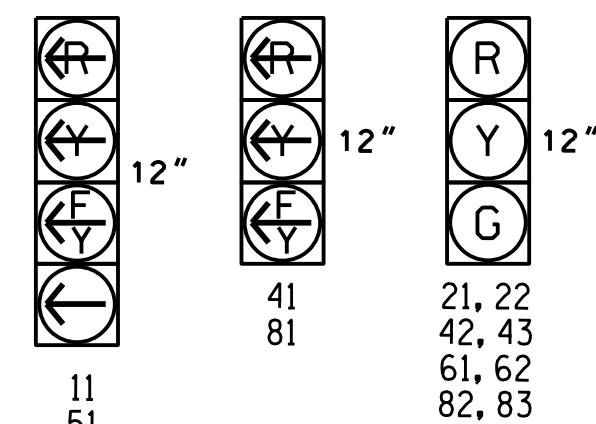
SIGNAL FACE	PHASE					
	1 + 5	1 + 6	2 + 5	2 + 6	4 + 8	F L A S H
11	—	—	$\overline{F}$ Y	$\overline{F}$ Y	$\overline{R}$ R	$\overline{R}$ R
21, 22	R	R	G	G	R	R
41	$\overline{R}$ R	$\overline{R}$ R	$\overline{R}$ R	$\overline{R}$ R	$\overline{F}$ Y	$\overline{R}$ R
42, 43	R	R	R	R	G	R
51	—	$\overline{F}$ Y	—	$\overline{F}$ Y	$\overline{R}$ R	$\overline{R}$ R
61, 62	R	G	R	G	R	R
81	$\overline{R}$ R	$\overline{R}$ R	$\overline{R}$ R	$\overline{R}$ R	$\overline{F}$ Y	$\overline{R}$ R
82, 83	R	R	R	R	G	R

SIGNAL FACE	PHASE					
	1 + 5	1 + 6	2 + 5	2 + 6	4 + 8	F L A S H
11	—	—	R	R	R	R
21, 22	R	R	G	G	R	R
41	R	R	R	R	F	R
42, 43	R	R	R	R	G	R
51	—	R	—	R	R	R
61, 62	R	G	R	G	R	R
81	R	R	R	R	F	R
82, 83	R	R	R	R	G	R

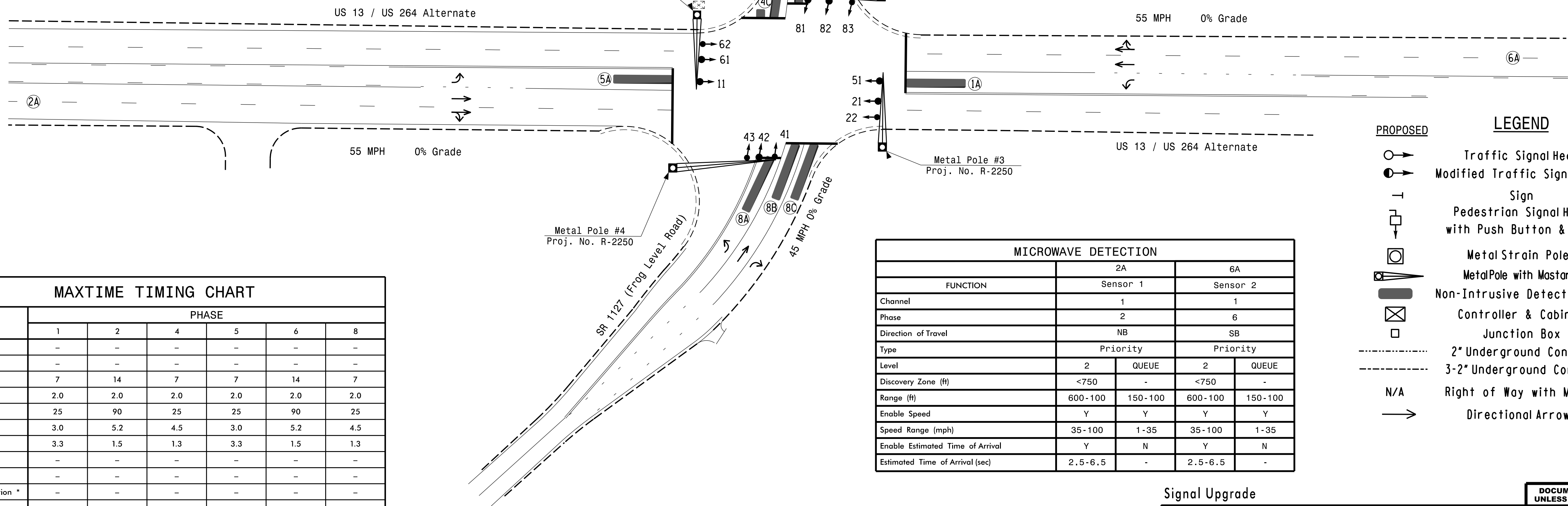
DETECTOR					PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	INITIAL ADDED	CALL	DELAY DURING GREEN
1A	6X40	0	*	*	1	15 ⁺	-	X	-	X	-
					6 [Ⓢ]	-	-	X	-	X	-
4A	6X40	0	*	*	4	3	-	X	-	X	-
4B	6X40	0	*	*	4	10	-	X	-	X	-
4C	6X6	0	*	*	4	15	-	X	-	X	-
5A	6X40	0	*	*	5	15 ⁺	-	X	-	X	-
					2 [Ⓢ]	-	-	X	-	X	-
8A	6X40	0	*	*	8	3	-	X	-	X	-
8B	6X40	0	*	*	8	-	-	X	-	X	-
8C	6X40	0	*	*	8	15	-	X	-	X	-

- * Multizone Microwave Detection
- + Reduce to 3 sec during Alt Phasing Ops
- @ Disable phase during Alt Phasing Ops

All Heads L.E.D.



	DETECTED MOVEMENT
	UNDETECTED MOVEMENT (OVERLAP)
	UNSIGNALIZED MOVEMENT
	PEDESTRIAN MOVEMENT

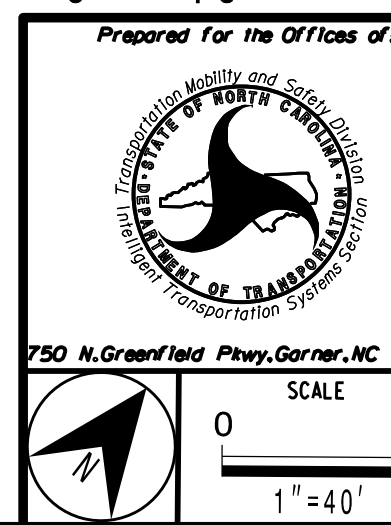


MAXTIME TIMING CHART						
FEATURE	PHASE					
	1	2	4	5	6	8
Walk *	—	—	—	—	—	—
Ped Clear	—	—	—	—	—	—
Min Green *	7	14	7	7	14	7
Passage *	2.0	2.0	2.0	2.0	2.0	2.0
Max 1 *	25	90	25	25	90	25
Yellow Change	3.0	5.2	4.5	3.0	5.2	4.5
Red Clear	3.3	1.5	1.3	3.3	1.5	1.3
Added Initial *	—	—	—	—	—	—
Maximum Initial *	—	—	—	—	—	—
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	—	—	X	—	—	X

* 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.

MICROWAVE DETECTION				
	2A		6A	
FUNCTION	Sensor 1		Sensor 2	
Channel	1		1	
Phase	2		6	
Direction of Travel	NB		SB	
Type	Priority		Priority	
Level	2	QUEUE	2	QUEUE
Discovery Zone (ft)	<750	-	<750	-
Range (ft)	600-100	150-100	600-100	150-100
Enable Speed	Y	Y	Y	Y
Speed Range (mph)	35-100	1-35	35-100	1-35
Enable Estimated Time of Arrival	Y	N	Y	N
Estimated Time of Arrival (sec)	2.5 - 6.5	-	2.5 - 6.5	-

PROPOSED	LEGEND	EXISTING
	Traffic Signal Head	
	Modified Traffic Signal Head	N/A
	Sign	
	Pedestrian Signal Head with Push Button & Sign	
	Metal Strain Pole	
	Metal Pole with Mastarm	
	Non-Intrusive Detection Zone	
	Controller & Cabinet	
	Junction Box	
-----	2" Underground Conduit	-----
-----	3-2" Underground Conduit	-----
N/A	Right of Way with Marker	---△---
	Directional Arrow	



US 13/US 264A (Dickison Ave.)
at
SR 1127 (Frog Level Road)

DIVISION 2 PITT COUNTY GREENVILLE

PLAN DATE: July 2025	REVIEWED BY: S.G. Haynie
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REVISIONS	INIT.	DATE
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Seal of Steven G. Haynie, Professional Engineer, State of North Carolina, License No. 029531.

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**