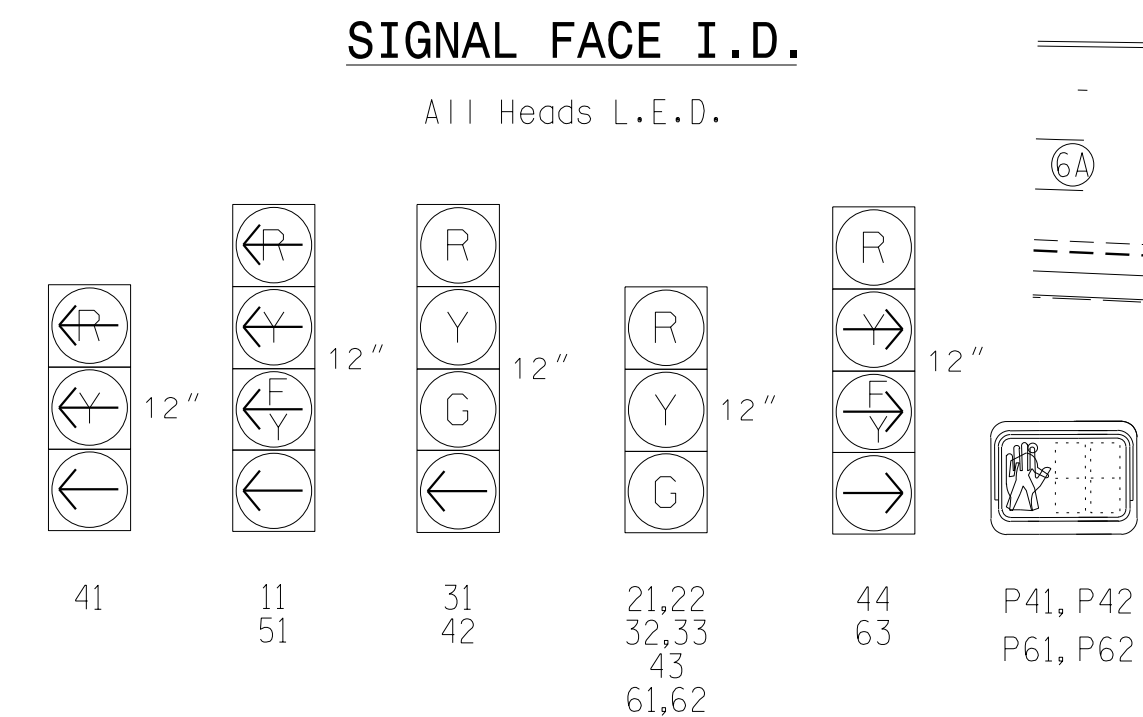


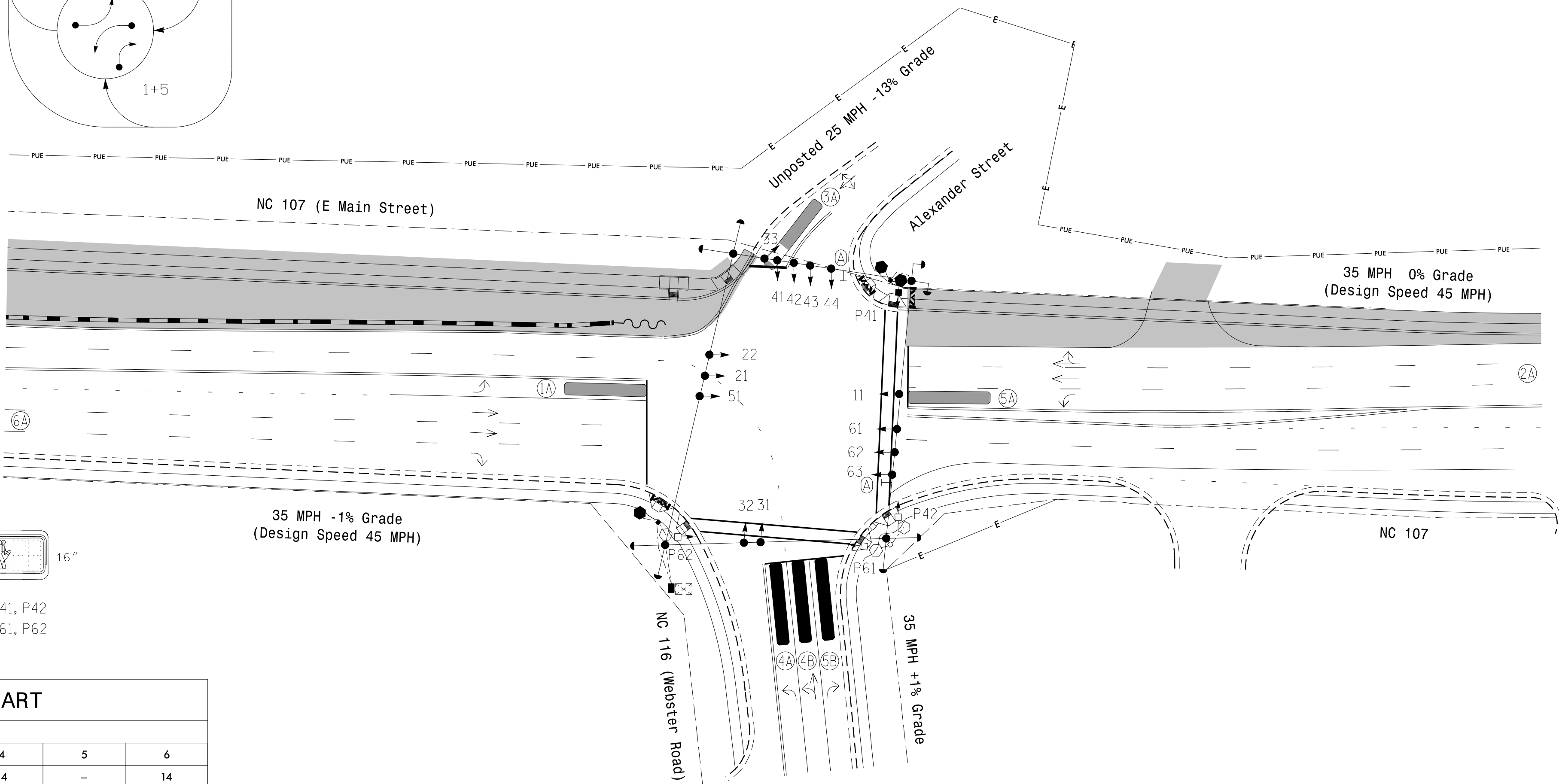


Microwave Detection				
	(2A)		(6A)	
FUNCTION	Sensor 1		Sensor 2	
Channel	1		1	
Phase	2		6	
Direction of Travel	NB		SB	
Type	Priority		Priority	
Level	2	QUEUE	2	QUEUE
Detection Zone (ft)	< 750	—	< 750	—
Range (ft)	600–100	150–100	600–100	150–100
Enable Speed	Y	Y	Y	Y
Speed Range (mph)	35–100	1–35	35–100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

SIGNAL FACE	PHASE						
	1 + 5	1 + 6	2 + 5	2 + 6	3	4	FLASH
11	←	←	↘	↘	→	→	→
21,22	R	R	G	G	R	R	R
31	R	R			↖	R	R
32,33	R	R	R	R	G	R	R
41	→	→	→	→	→	←	→
42	R	R	R	R	R	↖	R
43	R	R	R	R	R	G	R
44	→	R	→	R	R	↘	R
51	←	↘	←	↘	→	→	→
61,62	R	G	R	G	R	R	R
63	R	↘	R	↘	R	→	R
P41, P42	DW	DW	DW	DW	DW	W	DRK
P61, P62	DW	W	DW	W	DW	DW	DRK

SIGNAL FACE	PHASE						
	1 + 5	1 + 6	2 + 5	2 + 6	3	4	FLASH
11	←	←	R	R	R	R	R
21, 22	R	R	G	G	R	R	R
31	R	R	R	R	<u>G</u>	R	R
32, 33	R	R	R	R	G	R	R
41	R	R	R	R	R	←	R
42	R	R	R	R	R	<u>G</u>	R
43	R	R	R	R	R	G	R
44	→	R	→	R	R	<u>F</u>	R
51	←	R	←	R	R	R	R
61, 62	R	G	R	G	R	R	R
63	R	<u>F</u>	R	<u>F</u>	R	→	R
P41, P42	DW	DW	DW	DW	DW	W	DRK
P61, P62	DW	W	DW	W	DW	DW	DRK

```
* Multi-Zone Microwave Detection Zone
** Disable delay during Alternate Phase Operation.
# Disable Phase call for loop during Alternate
  Phasing Operation.
```



PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	Oversized Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
	Directional Arrow	
	Type II Signal Pedestal	
	Non-Intrusive Detection Zone	
	Construction Zone	N/A
N/A	Barricade	
N/A	Portable Concrete Barrier	
N/A	Temporary Construction Easement	
N/A	Permanent Utility Easement	
	"RIGHT TURN SIGNAL" Sign (R10-10R)	

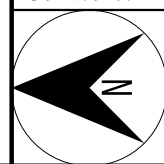
Signal Upgrade
Temporary Design 4 - TMP Ph2, S1, Part 1

Prepared for:	NC 107 (E Main Street at NC 116 (Webster Road Alexander Street
---------------	---

Plans Prepared By:



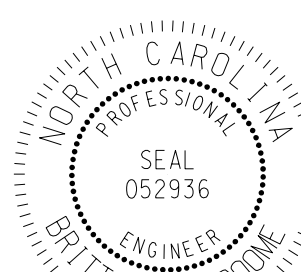
DRMP, INC.
8210 UNIVERSITY EXECUTIVE PARK DR.
SUITE 220
CHARLOTTE, NC 28262
NC LICENSE NO. F-1524 (704) 549-4260



SCALE

0 40

1" = 40'

n 4 - TMP Ph2, S1, Part 1		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
NC 107 (E Main Street) at NC 116 (Webster Road) / Alexander Street		SEAL 	
Division 14 Jackson County Sylva		Signed by: 	
PLAN DATE: August 2025	REVIEWED BY: ZM Esposito	8/26/2025	
PREPARED BY: DS Griffith	REVIEWED BY: BN Groome	DATE	
REVISIONS		DATE	
INIT.		DATE	
SIG. INVENTORY NO.		14-04114	