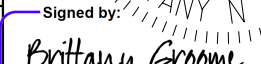


Signal Upgrade Temporary Design 4 - TMP Ph2, S1		DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared for the Offices of:  750 N. Greenfield Pkwy, Garner, NC 27529		US 23 Bus./NC 107 (Main Street) at US 23 Bus. (Asheville Highway)/ SR 1355 (Sunrise Park)	
Division 14 Jackson County Sylva		SEAL 	
PLAN DATE: August 2025 REVIEWED BY: ZM Esposito		SEAL 052936	
PREPARED BY: DJ White REVIEWED BY: BN Grooms		ENGINEER BRITTANY N. GROOMS	
SCALE  0 30' 1" = 30'		Signed by:  8/26/2025 ID003450100448: DATE:	
REVISIONS INIT. DATE		SIG. INVENTORY NO. 14-03977	

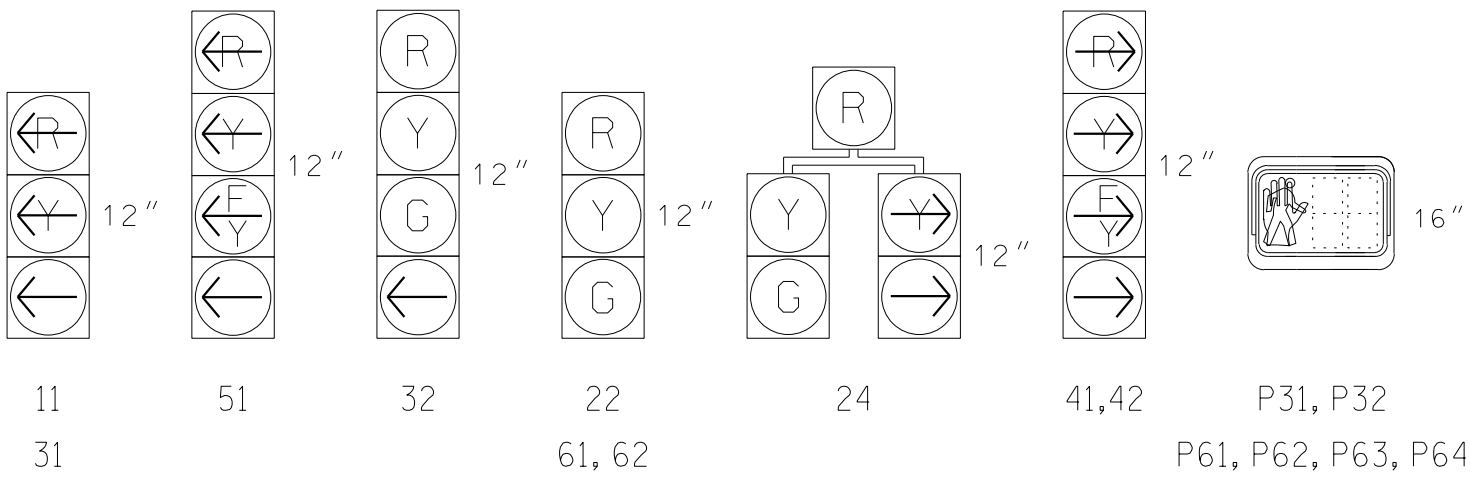
NOTES

- ### LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	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
	Directional Drill	
	Right of Way	
	Directional Arrow	
	Curb Ramp	
	Truncated Dome	
	Non-Intrusive Detection Zone	
	Construction Zone	N/A
	Type I Pushbutton Post	
	Type II Signal Pedestal	
	Work Zone Traffic Barricade	
	Construction Easement	
	Perm. Drainage/Utility Easement	
	Perm. Drainage Easement	
	U/G Water Line	
	Prop. Drainage Pipe	
	"YIELD" Sign (R1-2)	
	"NO TURN ON RED" Sign (R10-11a)	
	Pedestrian Crossing Sign (W11-2)	
	Left Downward Diagonal Arrow	
	Plaque (W16-7pL)	
	Right Downward Diagonal Arrow	
	Plaque (W16-7pL)	

```
* Multi-Zone Microwave Detection Zone
* * Maintain loop name for consistency, note loop calls
  phase 5 in this temporary
```

All Heads L.E.D.



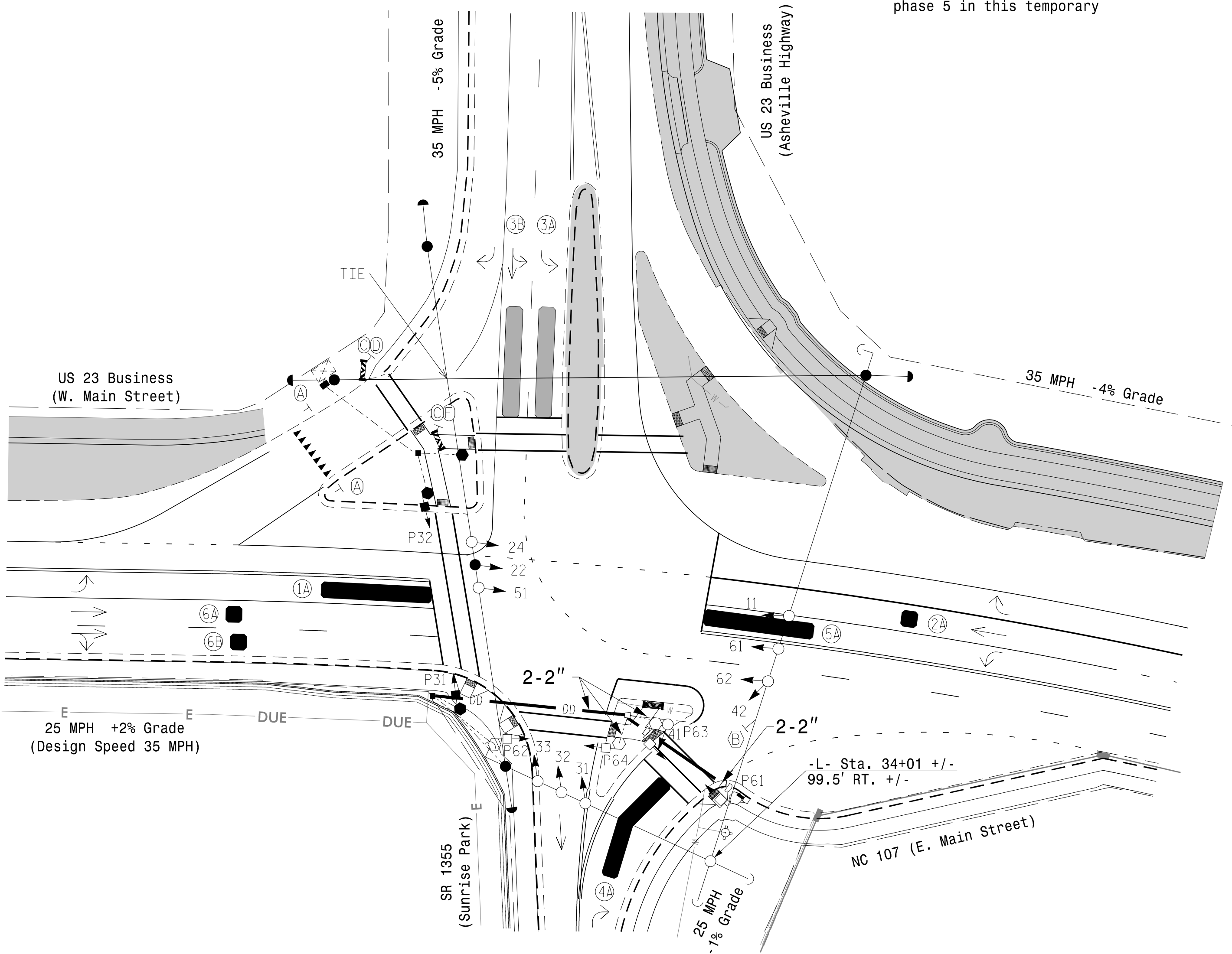
SIGNAL FACE	PHASE					
	1 + 5	1 + 6	2 + 5	2 + 6	3	F L A S H
11	←	←	←	←	←	←
22	R	R	G	G	R	R
24	R	R	G	G	$\frac{R}{\downarrow}$	R
31	←	←	←	←	←	←
32	R	R	R	R	$\frac{G}{\downarrow}$	R
33	R	R	R	R	G	R
41, 42	$\frac{F}{\downarrow}$	$\frac{F}{\downarrow}$	$\frac{F}{\downarrow}$	$\frac{F}{\downarrow}$	←	←
51	←	$\frac{F}{\downarrow}$	←	$\frac{F}{\downarrow}$	←	←
61, 62	R	G	R	G	R	R
P31, P32	DW	DW	DW	DW	W	DRK
P61, P62 P63, P64	DW	W	DW	W	DW	DRK

PHASING DIAGRAM DETECTION LEGEND

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

MAXTIME TIMING CHART

* 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.



Signal Upgrade
Temporary Design 4 - TMP Ph2, S1

Plans Prepared By:

 **DRMP**

DRMP, INC.
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SUITE 220
CHARLOTTE, NC 28262
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Prepared for the Offices of

Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
Signal Design Section

750 N. Greenfield Pkwy, Garner, NC

SCALE
0 3
1" = 30'

US 23 Bus./NC 107 (Main Street)
at
US 23 Bus. (Asheville Highway)/
SR 1355 (Sunrise Park)

Division 14 Jackson County Sylva

PLAN DATE:	August 2025	REVIEWED BY:	ZM Esposito
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PREPARED BY:	DJ White	REVIEWED BY:	BN Groome
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REVISIONS	INIT.	DATE

[illegible]

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DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



Signed by
Brittany Groome 8/2
 TE09340E1094484
 SIG. INVENTORY NO. 14-0