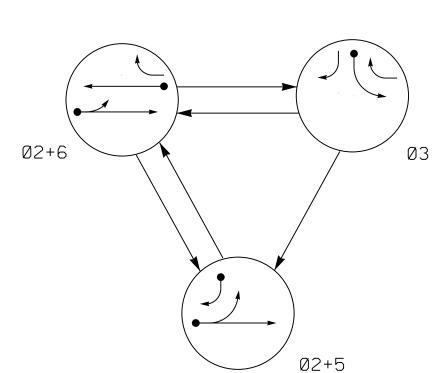
U-5783

PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

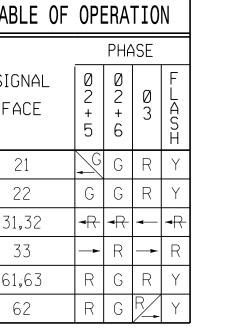
UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

 \leftarrow - > PEDESTRIAN MOVEMENT

	TABLE OF	OPE	ERA [®]	TIO	N		
ı		PHASE					
	SIGNAL FACE	ØN+15	ØN+6	Ø۵	止」年のエ		
	21	$\frac{1}{2}$	G	R	Y		
	22	O	G	R	>		
	31,32	#	#	V	#		
	3.3	_	R		R		
	61,63	R	G	R	Y		
	62	R	G	R/	Y		



All Heads L.E.D.									
R Y 12"	12"	R Y 12"	R 12"	R 12"					
21	31,32	22 61,63	33	62					

Block off Newly Constructed Through

Lane During Temp 2

SIGNAL FACE I.D.

MAXTIME DETECTOR INSTALLATION CHART												
	DETECTOR				PROGRAMMING							
L00P	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
3:A	*	0	*	*	3	-	<u> -</u>	Χ	_	Χ	-	*
ΕΛ	ملہ	0	ملہ	٠,	5	15.0	<u>-</u>	Χ	_	Χ	-	*
5·A	*	0	*	*	2	<u> </u>	<u> </u>	Χ	_	Χ	-	*
5·B	*	0	*	*	5	15.0	<u>-</u>	Χ	-	Χ	-	*
6·A	*	7:0	*	*	6	-	<u>-</u>	Χ	<u> -</u>	Χ	-	*

★ Multi-Zone Microwave Detection Area

NOTES

3 Phase

Fully Actuated Isolated

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Phase 5 may be lagged.
- 4. Reposition existing signal heads numbered 22 and 61.
- 5. Set all detector units to presence mode.
- 6. All proposed permanent signal heads, pedestals, posts and bases shall be hunter green in color.
- 7. See Roadway Pavement Marking Plans for pavement marking locations.

LEGEND

Traffic Signal Head

Modified Signal Head

Sign Pedestrian Signal Head With Push Button & Sign Signal Pole with Guy Signal Pole with Sidewalk Guy Inductive Loop Detector Controller & Cabinet Junction Box 2-in Underground Conduit

Right of Way

Directional Arrow

Construction Zone

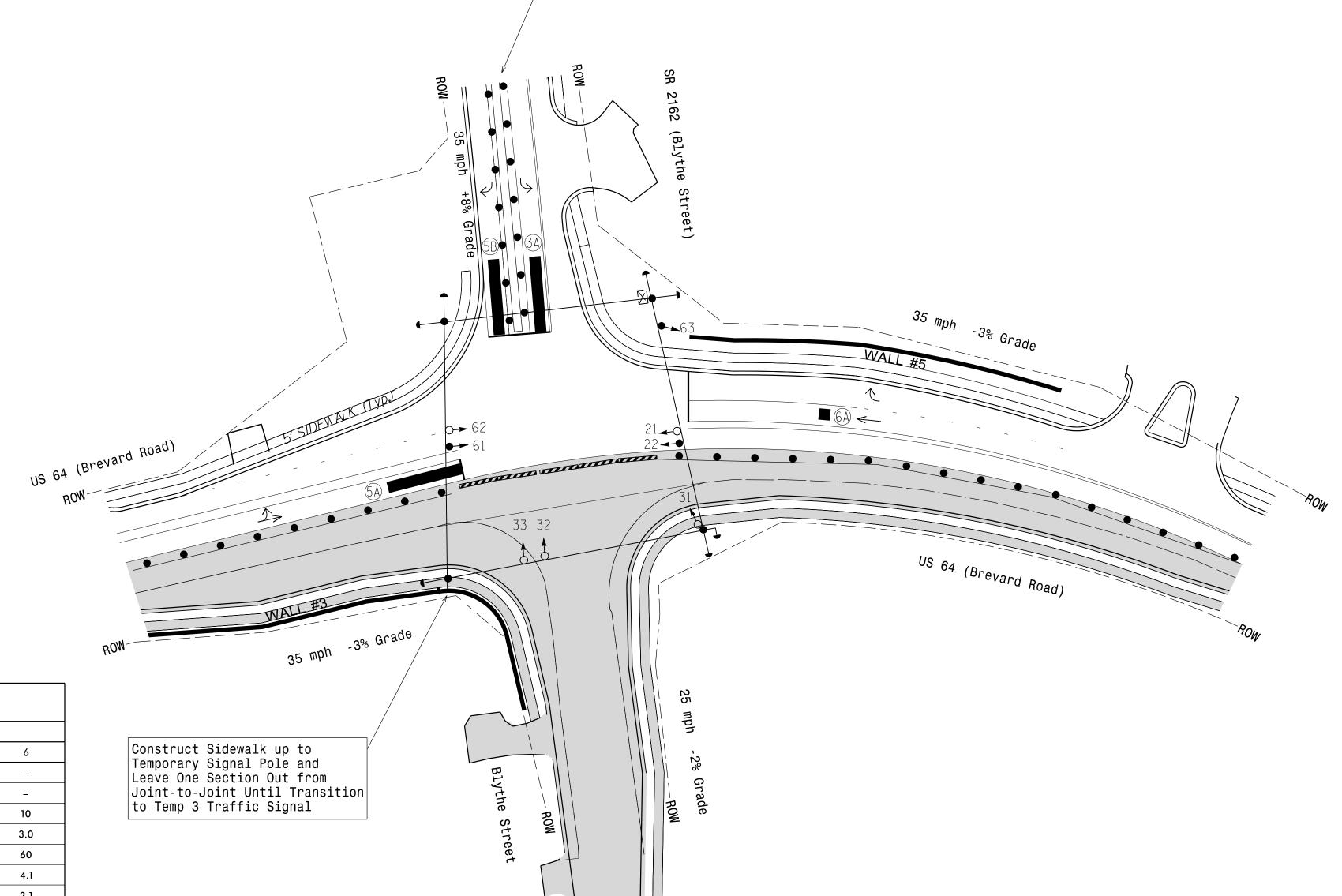
Construction Zone Drums

PROPOSED

 \bigcirc

N/A

8. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection. Relocate/re-position detectors from TCP Phase 4A to achieve detection shown.



MA	XTIME	TIMING	G CHAR	Γ		
FEATURE	PHASE					
FEATURE	2	3	5	6		
Walk *	_	_	_	_		
Ped Clear	_	_	_	_		
Min Green*	10	7	7	10		
Passage *	3.0	2.0	2.0	3.0		
Max 1 *	60	30	20	60		
Yellow Change	4.1	3.0	3.0	4.1		
Red Clear	1.9	2.6	2.4	2.1		
Added Initial *	_	_	_	_		
Maximum Initial *	_	_	_	_		
Time Before Reduction *	_	_	_	_		
Time To Reduce *	_	_	_	_		
Minimum Gap	_	_	-	_		
Advance Walk	_	_	-	_		
Non Lock Detector	_	Х	Х	_		
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

Mattern & Craig ENGINEERS SURVEYORS

> 12 BROAD STREET ASHEVILLE, NORTH CAROLINA 28801 (828) 254-2201 FAX (828) 254-4562 NC LIC. NO. C-1154

Temporary Signal - TCP Phase 5A

1"=40'

US 64 (Brevard Road)

022599 Hendersonville JB Voso INIT. DATE SIG. INVENTORY NO. 14 - 0002

EXISTING

-

N/A

SIGNATURES COMPLETED SEAL SR 2162 (Blythe Street) Division 14 Henderson County PLAN DATE: September 2023 REVIEWED BY: 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: KG Eudy REVISIONS

Road Closure Barricades

Non-Intrusive Detection Zone

DOCUMENT NOT CONSIDERED

FINAL UNLESS ALL