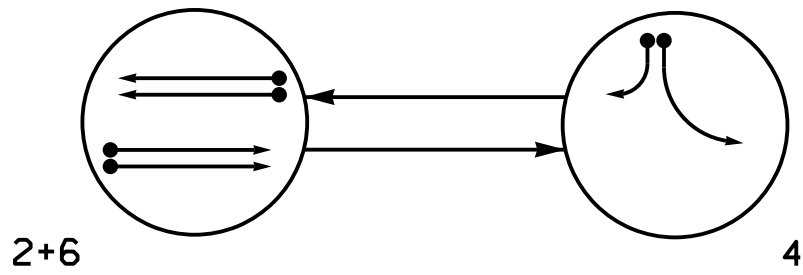


PHASING DIAGRAM



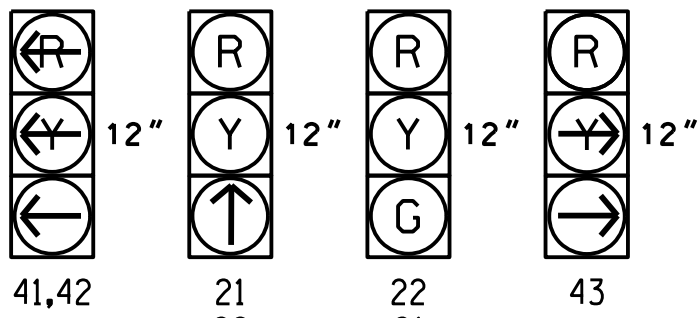
PHASING DIAGRAM DETECTION LEGEND

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

SIGNAL FACE	PHASE		
	2+6	4	FLASH
21	↑	R	R
22	G	R	R
41,42	R	←	R
43	R	←	R
61	G	R	R
62	↑	R	R

SIGNAL FACE I.D.

All Heads L.E.D.



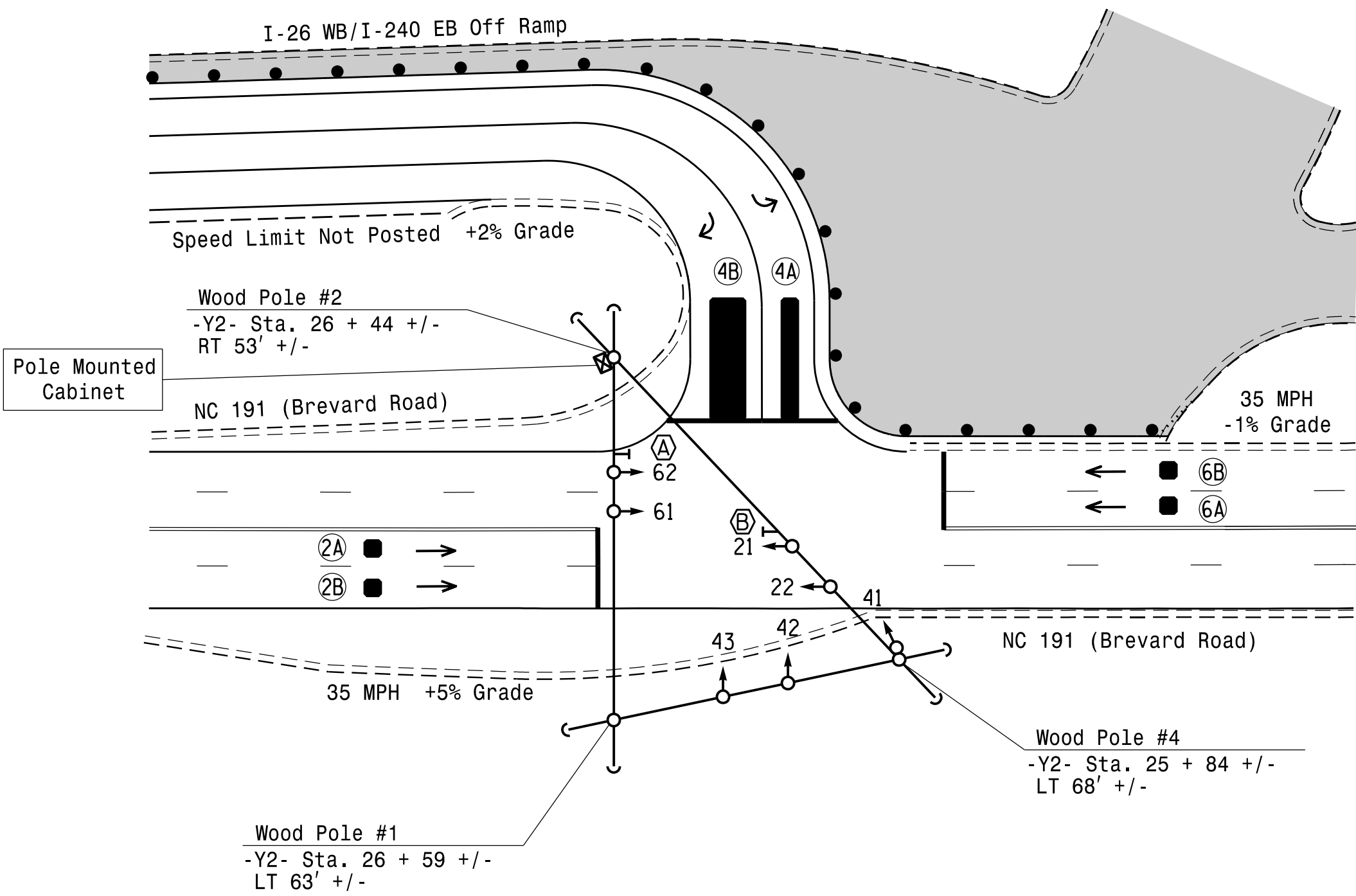
MAXTIME DETECTOR INSTALLATION CHART												
DETECTOR						PROGRAMMING						
ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
2A ★	6X6	70	★	★	2	-	-	X	-	X	-	★
2B ★	6X6	70	★	★	2	-	-	X	-	X	-	★
4A ★	6X40	0	★	★	4	-	-	X	-	X	-	★
4B ★	12X40	0	★	★	4	15.0	-	X	-	X	-	★
6A ★	6X6	70	★	★	6	-	-	X	-	X	-	★
6B ★	6X6	70	★	★	6	-	-	X	-	X	-	★

★ Video Detection Zone

2 Phase
Fully Actuated
D13-02 Asheville

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Set all detector units to presence mode.
- Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- See Transportation Management Plans for stop bar locations.



MAXTIME TIMING CHART

FEATURE	PHASE		
	2	4	6
Walk *	-	-	-
Ped Clear *	-	-	-
Min Green *	10	7	10
Passage *	3.0	2.0	3.0
Max I *	45	30	45
Yellow Change	3.9	3.7	3.9
Red Clear	1.7	1.0	1.7
Added Initial *	-	-	-
Maximum Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Advance Walk	-	-	-
Non Lock Detector	-	X	-
Vehicle Recall	MIN RECALL	-	MIN RECALL
Dual Entry	-	-	-

* 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.

LEGEND

- | PROPOSED | EXISTING |
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New Installation
Temporary Design 1 (TMP Phase I Step 3)

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

 750 N. Greenfield Pkwy, Garner, NC 27529 NC Firm License No.: F-0342 5438 Wade Park Boulevard Suite 200 Raleigh, NC 27607 Phone: 919-461-1100	NC 191 (Brevard Road) at I-26 WB / I-240 EB Off Ramp		
	Division 13 Buncombe County Asheville		
	PLAN DATE: May 2026	REVIEWED BY: C. Kalencik	
	PREPARED BY: M. Tindal	REVIEWED BY:	
REVISIONS		INIT.	DATE
SIGNATURE		DATE	
SIG. INVENTORY NO.		I3-1116T1	