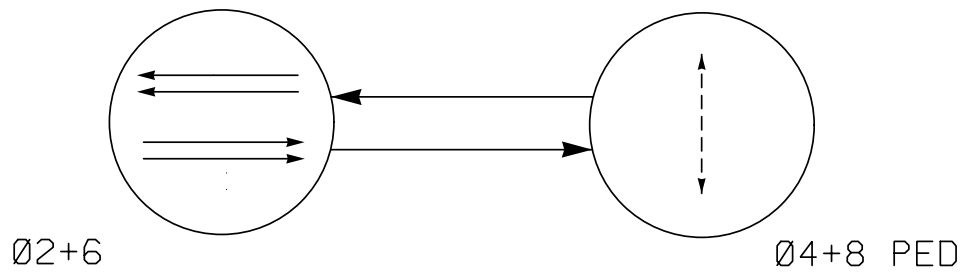


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

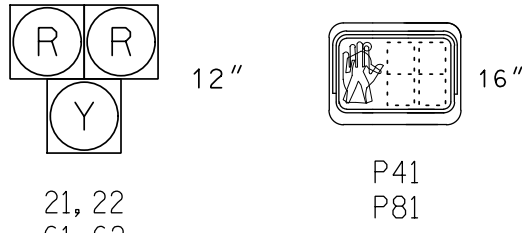
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

TABLE OF OPERATION		PHASE							
SIGNAL FACE	Ø 2 + 6	ACTIVATION	STEADY YELLOW	ALL RED	Ø 4 + 8 PED WALK	Ø 4 + 8 PED CLEAR	FLASH		
	Ø 2 + 6	ACTIVATION	STEADY YELLOW	ALL RED	Ø 4 + 8 PED WALK	Ø 4 + 8 PED CLEAR	FLASH		
	Ø 2 + 6	ACTIVATION	STEADY YELLOW	ALL RED	Ø 4 + 8 PED WALK	Ø 4 + 8 PED CLEAR	FLASH		
	Ø 2 + 6	ACTIVATION	STEADY YELLOW	ALL RED	Ø 4 + 8 PED WALK	Ø 4 + 8 PED CLEAR	FLASH		
	Ø 2 + 6	ACTIVATION	STEADY YELLOW	ALL RED	Ø 4 + 8 PED WALK	Ø 4 + 8 PED CLEAR	FLASH		
21,22	DRK	FY	Y	R	R	FR*	Y		
61,62	DRK	FY	Y	R	R	FR*	Y		
P41	DW	DW	DW	DW	W	FDW	DRK		
P81	DW	DW	DW	DW	W	FDW	DRK		

* ALTERNATING FLASH

SIGNAL FACE I.D.

All Heads L.E.D.

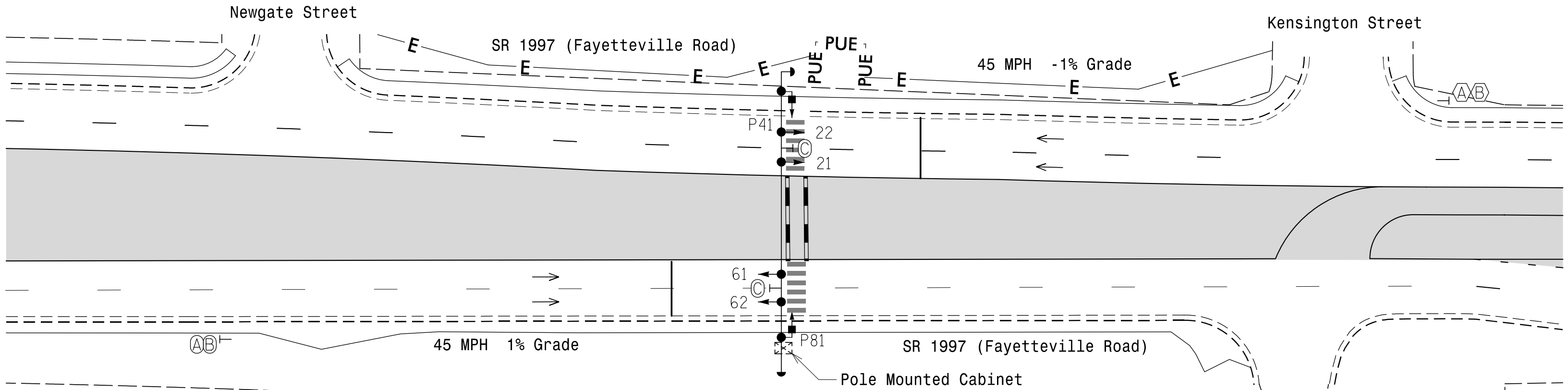


- Y - Steady Yellow
- FY - Flashing Yellow
- R - Steady Red
- FR - Flashing Red
- W - Walk
- DW - Don't Walk
- FDW - Flashing Don't Walk
- DRK - Dark

2 Phase
Semi-Actuated
Pedestrian Hybrid Beacon
(Isolated)

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- Reposition existing signal heads numbered 21 and 22.
- Reposition existing sign C.
- Program pedestrian heads to countdown the flashing "Don't Walk" time only.
- Enable Ped Clear During Red for phase 4 PED and phase 8 PED.
- Locate Pedestrian and Crosswalk advance signs in accordance with Table 2C-3 in Section 2C.04 of the 2023 MUTCD or as otherwise directed by the Engineer.

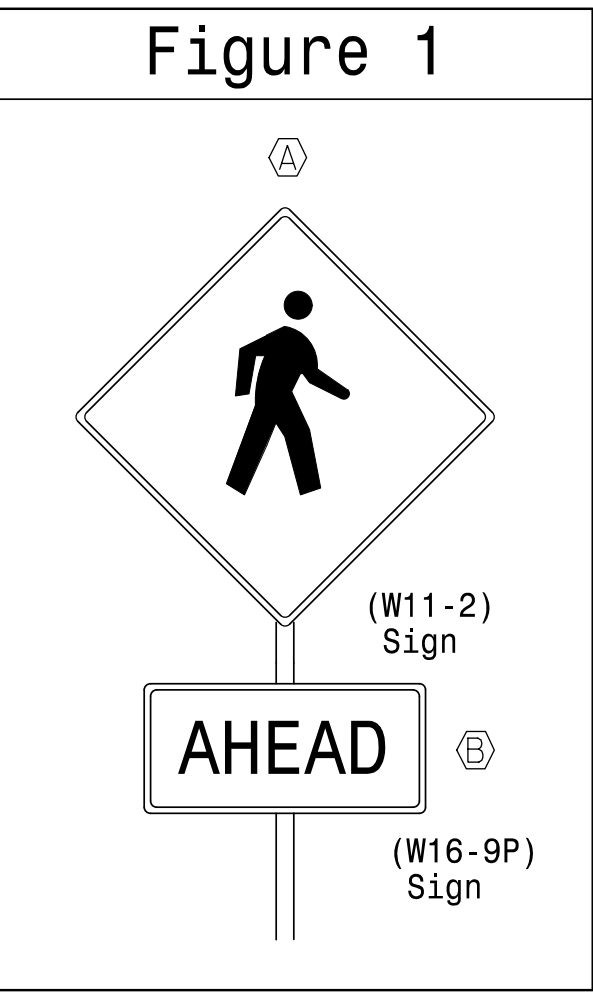


LEGEND

- | PROPOSED | EXISTING |
|---|----------|
| Traffic Signal Head | N/A |
| Modified Signal Head Sign | N/A |
| Pedestrian Signal Head With Push Button & Sign | N/A |
| Signal Pole with Guy | N/A |
| Signal Pole with Sidewalk Guy | N/A |
| Inductive Loop Detector | N/A |
| Controller & Cabinet | N/A |
| Junction Box | N/A |
| 2-in Underground Conduit | N/A |
| Right of Way | N/A |
| Directional Arrow | N/A |
| Curb Ramp | N/A |
| Construction Zone | N/A |
| Pedestrian Crossing Sign (W11-2) (See Figure 1) | N/A |
| "AHEAD" Plaque (W16-9P) (See Figure 1) | N/A |
| "STOP ON RED - YIELD ON FLASHING RED AFTER STOP" Sign (R10-23a) | N/A |

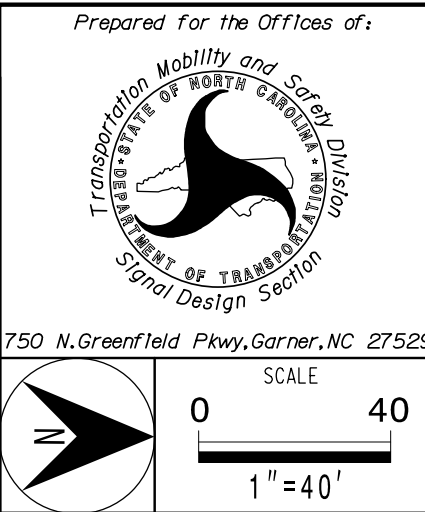
MAXTIME TIMING CHART				
FEATURE	PHASE			
	2	4 PED	6	8 PED
Walk *	-	7	-	7
Ped Clear *	-	23	-	23
Min Green	10	7	10	7
Passage *	0.0	0.0	0.0	0.0
Max 1 *	30	7	30	7
Yellow Change	4.6	3.0	4.6	3.0
Red Clear	2.0	0.0	2.0	0.0
Added Initial *	-	-	-	-
Maximum Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Advance Walk	-	-	-	-
Pre Clearance	5.0	-	5.0	-
Non Lock Detector	-	X	-	X
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.



Pedestrian Crossing
Temporary Design 3 - TMP Phase III, Step 1

stv
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Charlotte, NC 28202
(704) 372-1885
NC License Number F-0991



SR 1997 (Fayetteville Road) at Pedestrian Hybrid Beacon/ N. of SR 1948 (Linkhaw Road)	
Division 6	Robeson County Lumberton
PLAN DATE: Feb 2025	REVIEWED BY: H.M. Surti
PREPARED BY: R.L. Aristondo	REVIEWED BY: T.M. Woody
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
040329
RENT M. MOODY

DocuSigned by:
Rent M. Moody
2/10/2025
DATE

SIG. INVENTORY NO. 06-1416T3