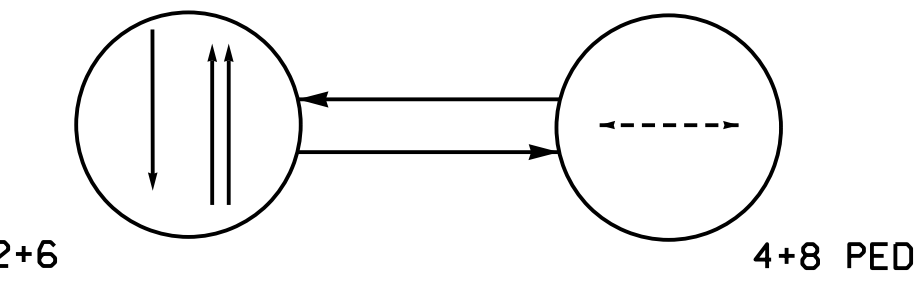


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

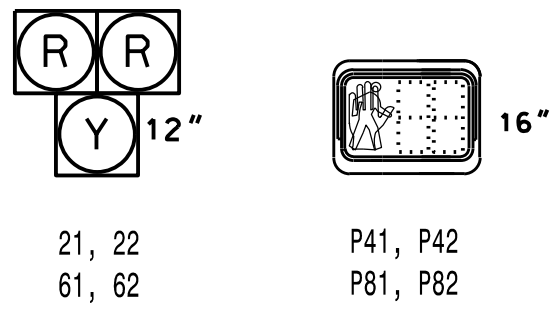
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE							
	2+6 DARK	ACTIVATION	STEADY YELLOW	ALL RED	4+8 PED WALK	4+8 PED CLEAR	FLASH	
21, 22	DRK	FY	Y	R	R	FR	Y	
61, 62	DRK	FY	Y	R	R	FR	Y	
P41, P42	DW	DW	DW	DW	W	DW	DRK	
P81, P82	DW	DW	DW	DW	W	DW	DRK	

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

SIGNAL FACE I.D.

All Heads L.E.D.



2 Phase
Semi-Actuated
Pedestrian Hybrid Beacon
SR 3174/1501 (Idlewild Road) CLS

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
- 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 the Pedestrian and Crosswalk advance signs (see Figure 1) in accordance with Table 2C-3 in Section 2C.04 of the 2023 MUTCD or as otherwise directed by the Engineer.
- Maximum times shown in timing chart are for free-run operation only. Coordinated system timing values supersede these values.

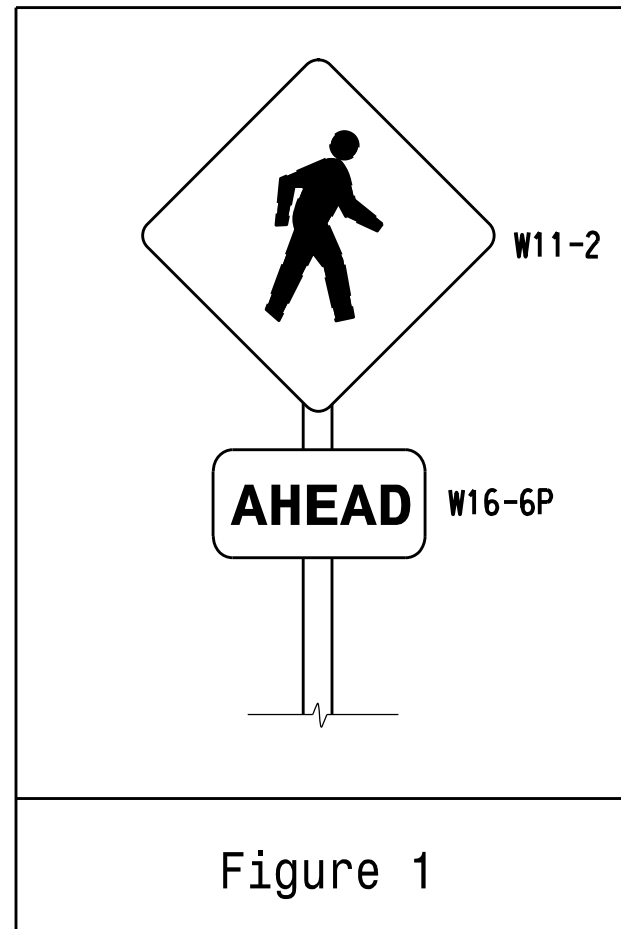


Figure 1

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	With Push Button & Sign	
	Type II Signal Pedestal	
	Metal Pole with Mastarm	
	Controller & Cabinet	
	Junction Box	
	2-in Undergrnd Conduit	
	Directional Drill	N/A
	Right of Way	
	Directional Arrow	
	Curb Ramp	
	"STOP ON RED - YIELD ON FLASHING RED AFTER STOP" Sign (R10-23a)	
	Pedestrian Crossing Sign (W11-2)	
	w/ "AHEAD" Plaque (W16-9P)	
	(See Figure 1)	

FEATURE	PHASE			
	2	4 PED	6	8 PED
Walk *	-	7	-	7
Ped Clear	-	18	-	18
Min Green *	10	7	10	7
Passage *	-	-	-	-
Max 1 *	30	7	30	7
Yellow Change	3.0	3.0	3.0	3.0
Red Clear	1.0	0.0	1.0	0.0
Added Initial *	-	-	-	-
Maximum Initial *	-	-	-	-
Time Before Reduction *	-	-	-	-
Time To Reduce *	-	-	-	-
Minimum Gap	-	-	-	-
Advance Walk	-	-	-	-
Pre Clearance	5	-	5	-
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.

Metal Pole #6
STA: 11+71 -Y3-
OFF: 42' RT.

Metal Pole #5
STA: 11+34 -Y3-
OFF: 64' LT.

SEE ROADWAY SIGNING
PLANS FOR SIGN
LOCATION

New Installation

Prepared for the Office of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 3175 (Stallings Road)
Pedestrian Hybrid Beacon
South of SR 3174 (Idlewild Road)

Division 10 Mecklenburg County Stallings

PLAN DATE: February 2025 PREPARED BY: SP Pennington REVIEWED BY: KP Baumann

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL

5/12/2025

SIG. INVENTORY NO. 10-2589