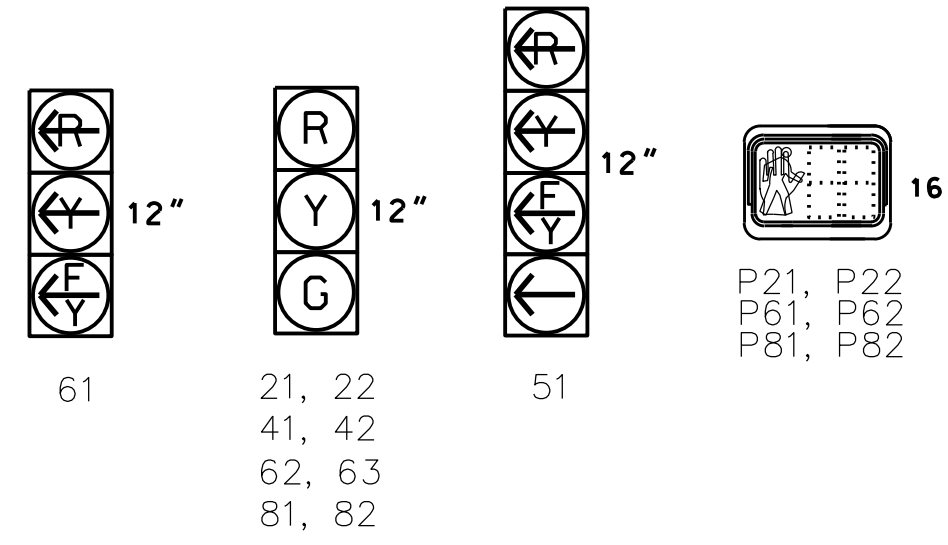


PHASING DIAGRAM
DETECTION LEGEND

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

SIGNAL FACE	PHASE			
	U+V	U+Y	4	U+V
21, 22	R	G	R	Y
41, 42	R	R	G	R
51	←	←	R	←
61	←	←	←	←
62, 63	R	G	R	Y
81, 82	R	R	G	R
P21, P22	W	W	DW	DRK
P61, P62	DW	W	DW	DRK
P81, P82	DW	DW	W	DRK

SIGNAL FACE I.D.
All Heads L.E.D.

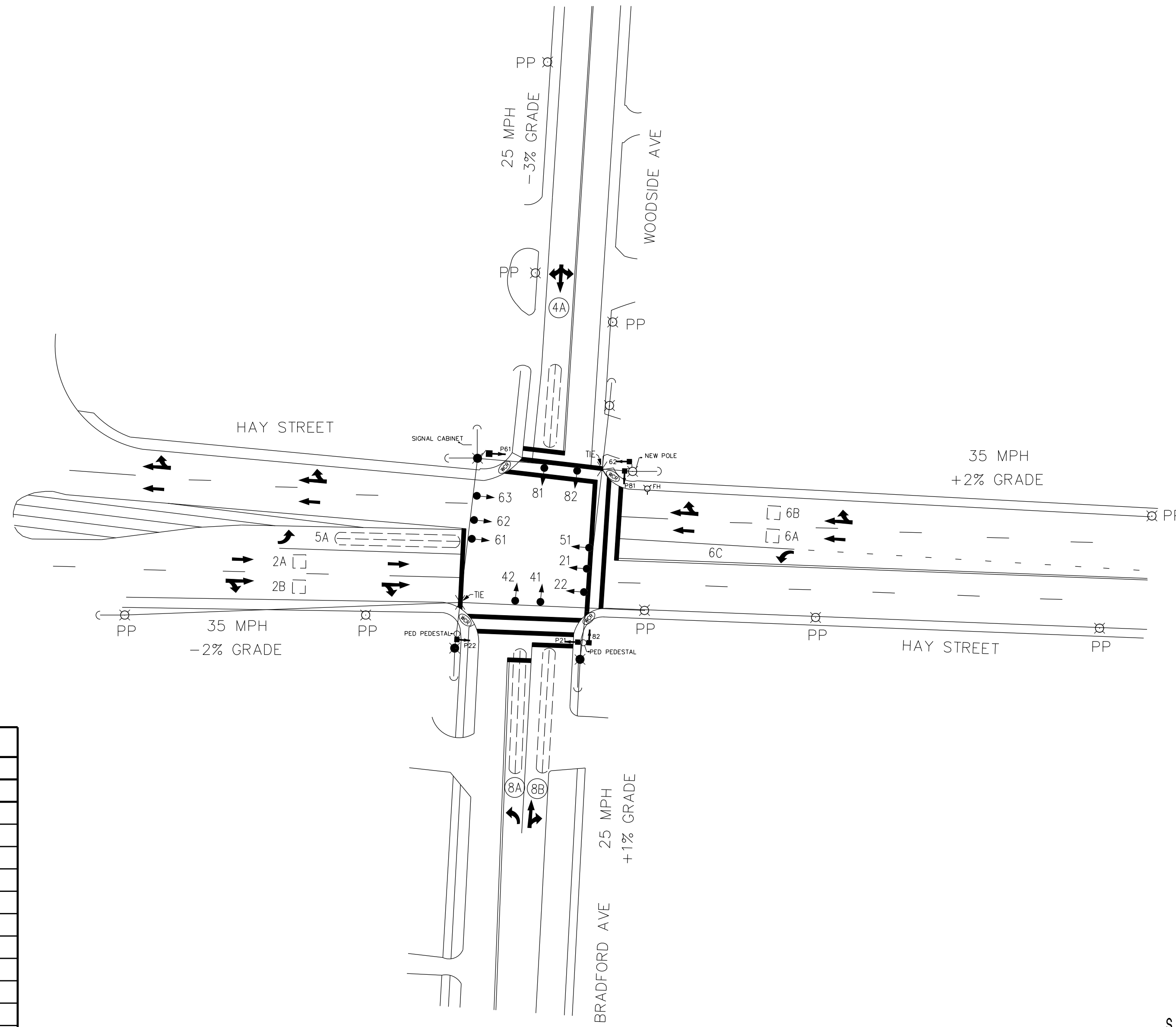


ASC/3 DETECTOR INSTALLATION CHART											
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PROGRAMMING					SYSTEM LOOP	NEW CARD
					PHASE	EXTEND TIME	DELAY TIME	TYPE	PHASE		
2A,2B	6X6	70	4	-	2	-	-	S	-	Y	
4A	6X40	0	2-4-2	-	4	-	3	S	-	Y	
5A	6X60	0	2-4-2	-	5	-	15	S	-	Y	
6A,6B	6X6	70	4	-	6	-	-	S	-	Y	
6C	6X40	0	2-4-2	-	6	-	-	S	-	Y	
8A	6X60	0	2-4-2	-	8	-	3	S	-	Y	
8B	6X60	0	2-4-2	-	8	-	15	15	-	Y	

3-PHASE
FULLY ACTUATED
(FAYETTEVILLE SIGNAL SYSTEM)

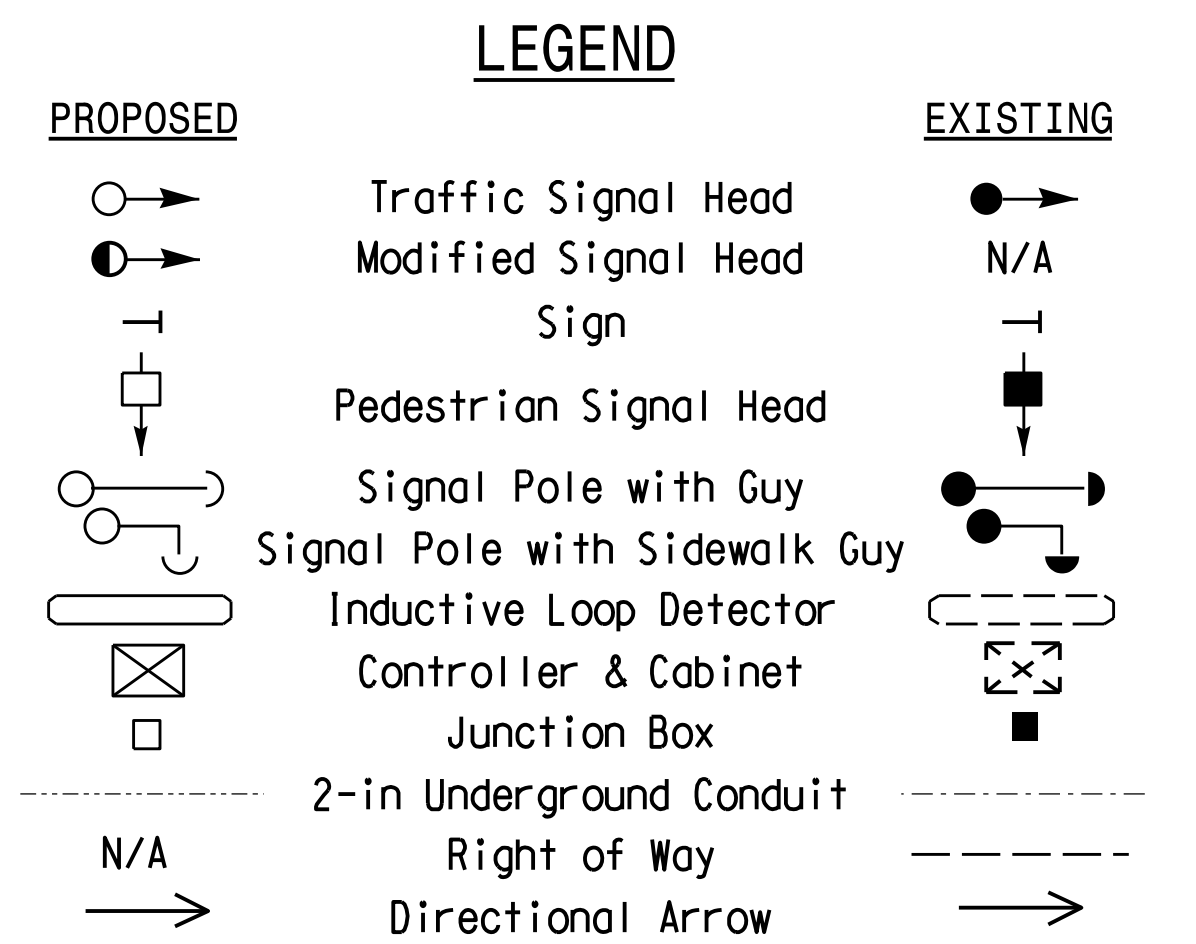
NOTES

- REFER TO "ROADWAY STANDARD DRAWINGS NCDOT" DATED JULY 2012 AND STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES DATED JULY 2012.
- DO NOT PROGRAM SIGNAL FOR LATE NIGHT FLASHING OPERATION UNLESS OTHERWISE DIRECTED BY ENGINEER.
- SET ALL DETECTOR UNITS TO PRESENCE MODE.
- MAXIMUM TIMES SHOWN IN TIMING CHART ARE FOR FREE-RUN OPERATION ONLY. COORDINATED SIGNAL SYSTEM TIMING VALUES SHALL SUPERCEDE THESE VALUES.
- LOCATE NEW CABINET ON EXISTING FOUNDATION.
- OMIT "WALK" AND FLASHING "DON'T WALK" WITH NO PEDESTRIAN CALLS.
- PROGRAM PEDESTRIAN HEADS TO COUNTDOWN THE FLASHING "DON'T WALK" TIME ONLY.



FEATURE	ASC/3 TIMING CHART				
	2	4	5	6	8
Min Green *	10	7	7	10	7
Walk *	5	0	0	5	5
Ped Clear	11	0	0	9	17
Veh. Extension *	3.0	1.0	1.0	3.0	1.0
Max 1 *	45	20	20	45	20
Yellow	3.7	3.1	3.1	3.7	3.1
Red Clear	1.2	2.4	1.7	1.2	2.2
Actuations B4 Add *	-	-	-	-	-
Seconds /Actuation *	-	-	-	-	-
Max Initial *	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-
Time To Reduce *	-	-	-	-	-
Minimum Gap	-	-	-	-	-
Locking Detector	X	-	-	X	-
Recall Position	VEH. RECALL	-	-	VEH. RECALL	-
Dual Entry	-	X	-	X	-
Simultaneous Gap	X	X	X	X	X

* 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.



Signal Upgrade

Prepared In the Offices of
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		<p>HAY STREET AT WOODSIDE AVENUE</p>		<p>SEAL NORTH CAROLINA PROFESSIONAL ENGINEER RUSSELL W. THOMPSON</p>	
<p>PLAN DATE: NOVEMBER 2016</p>		<p>REVIEWED BY: RWT</p>		<p>DATE: 11/21/2016</p>	
<p>PREPARED BY: BLR</p>		<p>REVIEWED BY:</p>		<p>SIGNATURE</p>	
<p>REVISIONS</p>		<p>INIT.</p>		<p>DATE</p>	
<p>SIG. INVENTORY NO. C010</p>		<p>SCALE 0 40</p>		<p>DATE</p>	

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