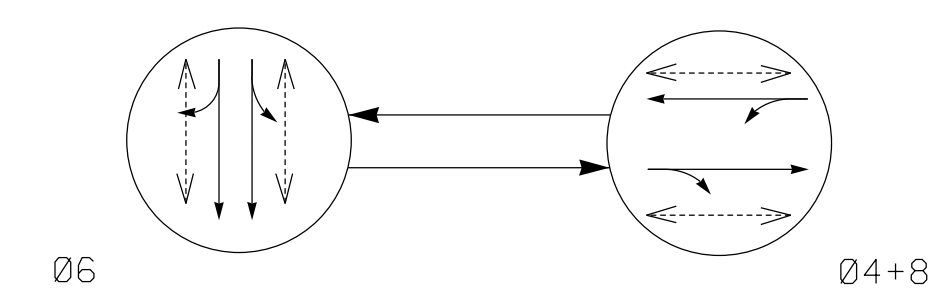


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

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

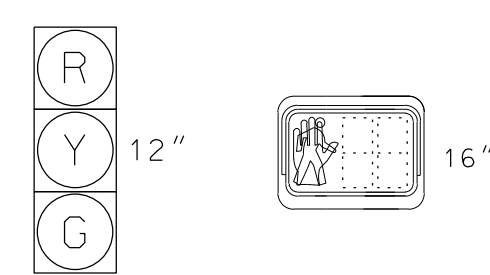
TABLE OF OPERATION

SIGNAL FACE	PHASE		
	Ø 6	Ø 4+8	F L S
41, 42	R	G	R
61, 62	G	R	Y
81, 82	R	G	R
P41, P42	DW	W	DRK
P61, P62, P63, P64	W	DW	DRK
P81, P82	DW	W	DRK

W - Walk
 DW - Don't Walk
 DRK - Dark

SIGNAL FACE I.D.

All Heads L.E.D.

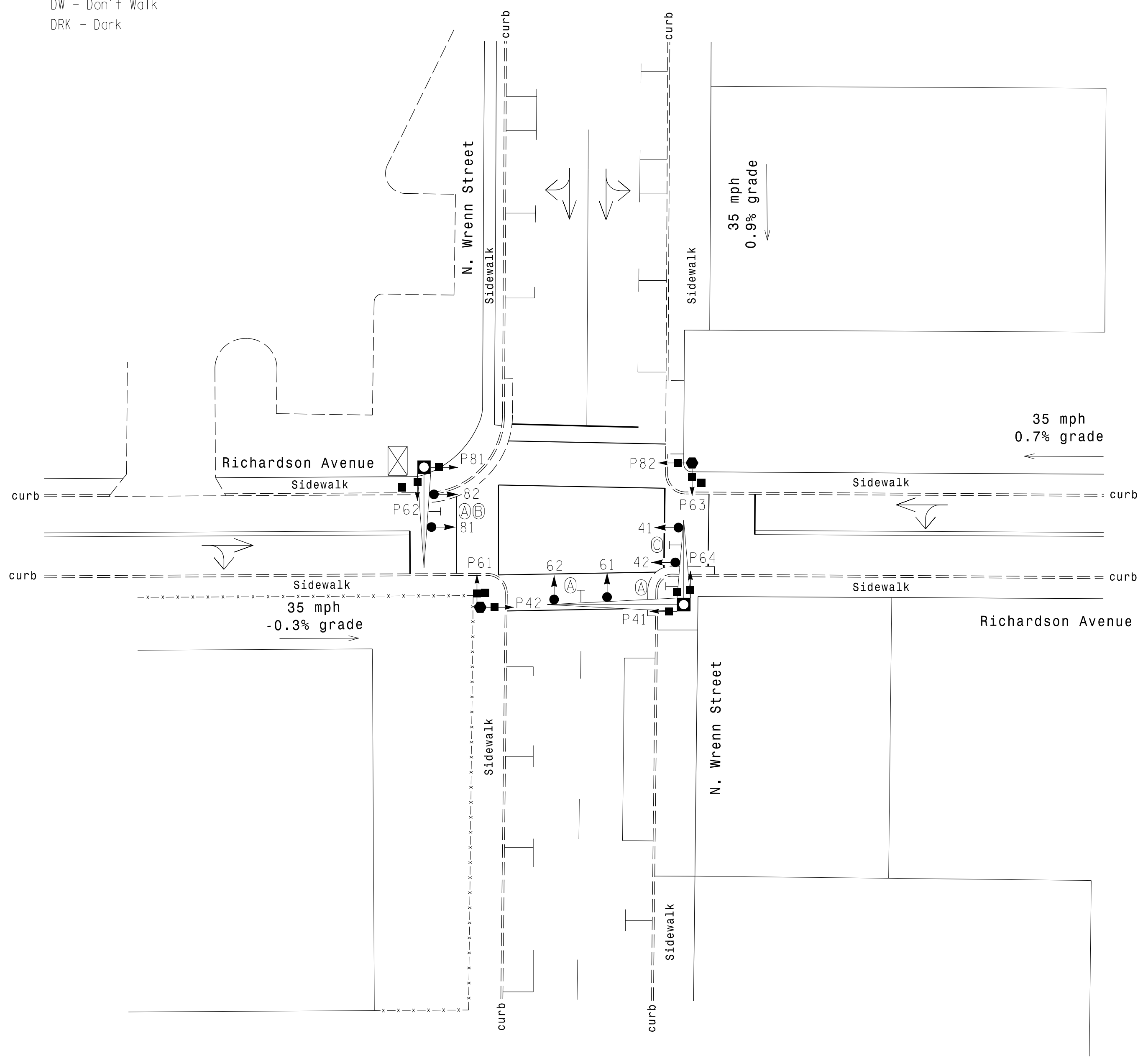


41, 42 P41, P42
 61, 62 P61, P62, P63, P64
 81, 82 P81, P82

**2 Phase
 Pre-Timed
 (High Point Signal System)**

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
4. Pavement markings are existing.
5. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.



OASIS 2070 TIMING CHART

FEATURE	PHASE		
	4	6	8
Min Green 1 *	7	10	7
Extension 1 *	0.0	0.0	0.0
Max Green 1 *	20	40	20
Yellow Clearance	3.9	3.8	3.8
Red Clearance	1.3	1.0	1.3
Red Revert	2.0	2.0	2.0
Walk 1 *	4	4	4
Don't Walk 1	5	4	7
Seconds Per Actuation *	-	-	-
Max Variable Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	MAX PED	MAX PED	MAX PED
Vehicle Call Memory	-	-	-
Dual Entry	-	-	-
Simultaneous Gap	ON	ON	ON

* 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.

LEGEND

PROPOSED	EXISTING
○ → Traffic Signal Head	● → N/A
◐ → Modified Signal Head	◐ → N/A
⊥ → Sign	⊥ → N/A
⊥ → Pedestrian Signal Head	⊥ → N/A
⊥ → Metal Pole with Mastarm	⊥ → 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
N/A → Right of Way	N/A → N/A
→ → Directional Arrow	→ → N/A
Ⓐ → Street Name Sign	Ⓐ → N/A
Ⓑ → "ONE WAY" Sign (R6-1L)	Ⓑ → N/A
Ⓒ → "ONE WAY" Sign (R6-1R)	Ⓒ → N/A

Signal Upgrade

 Department of Transportation 211 S. Hamilton Street High Point, NC 27260	Wrenn Street at Richardson Avenue		SEAL ENGINEER MELISSA B. TOTH
	Division 07 Guilford County High Point	PLAN DATE: April 2014 REVIEWED BY: MB Toth	
SCALE: 1"=20' 	REVISIONS:	INIT. DATE	DocuSigned by: Melissa B. Toth 6/5/2015 SIGNATURE DATE SIG. INVENTORY NO. HP0602

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

05-JUN-2015 15:54
 D:\Transportation\Projects\Curran\100037777 - High Point Sig Sys\Signal\Design\Package - HP0602.dgn
 WLEZ054 - AT 02520140