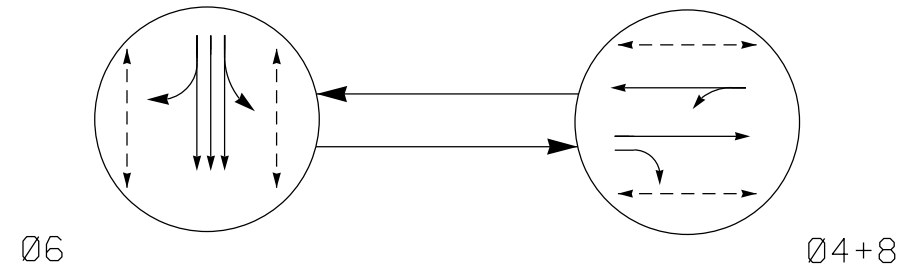


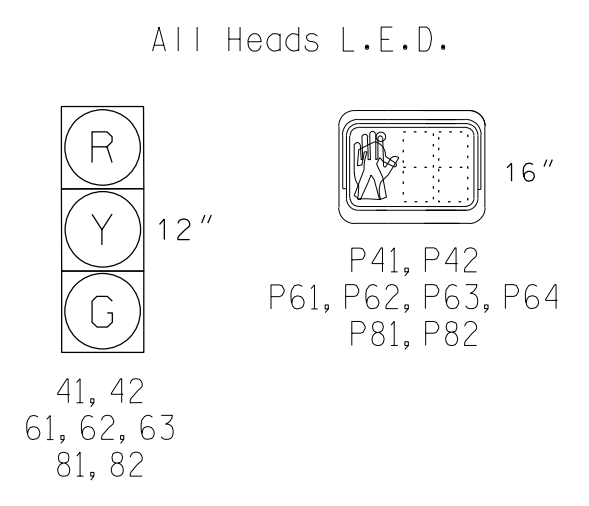
**PHASING DIAGRAM**



**PHASING DIAGRAM DETECTION LEGEND**

- ← DETECTED MOVEMENT
- ← UNDETECTED MOVEMENT (OVERLAP)
- ⋯ UN SIGNALIZED MOVEMENT
- ⋯ ← PEDESTRIAN MOVEMENT

**SIGNAL FACE I.D.**



**TABLE OF OPERATION**

SIGNAL FACE	PHASE		
	Ø 6	Ø 4+8	F L S
41, 42	R	G	R
61, 62, 63	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

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

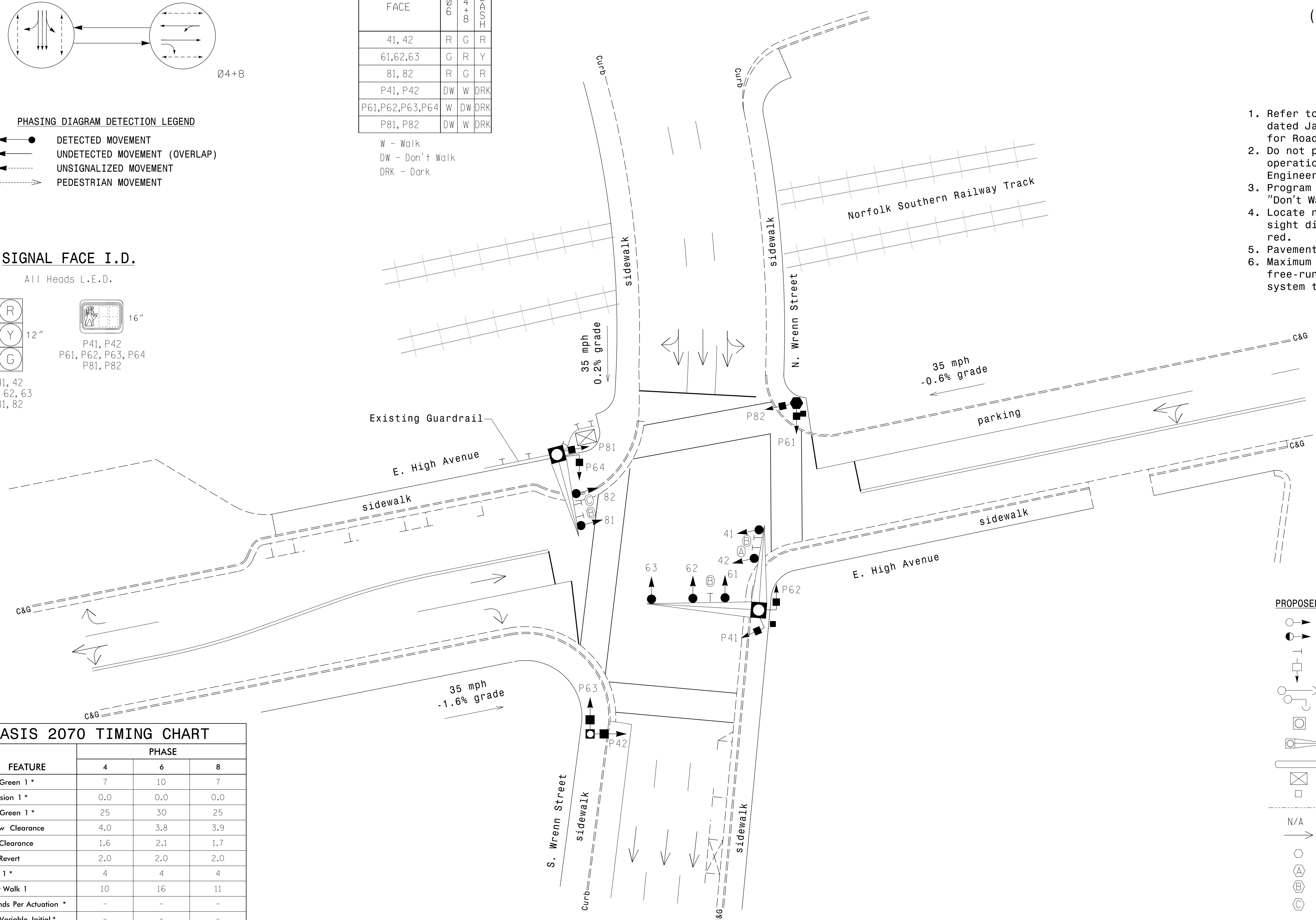
**NOTES**

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. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
4. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
5. Pavement markings are existing.
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 *	25	30	25
Yellow Clearance	4.0	3.8	3.9
Red Clearance	1.6	2.1	1.7
Red Revert	2.0	2.0	2.0
Walk 1 *	4	4	4
Don't Walk 1	10	16	11
Seconds Per Actuation *	-	-	-
Max Variable Initial *	-	-	-
Time Before Reduction *	-	-	-
Time To Reduce *	-	-	-
Minimum Gap	-	-	-
Recall Mode	PED/MAX	PED/MAX	PED/MAX
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	— Sign
□ → Pedestrian Signal Head	□ → Signal Pole with Guy
○ → Signal Pole with Guy	○ → Signal Pole with Sidewalk Guy
□ → Metal Strain Pole	□ → Metal Pole with Mastarm
□ → Inductive Loop Detector	□ → Controler & Cabinet Junction Box
□ → 2-in Underground Conduit	□ → Right of Way
→ → Directional Arrow	○ → Pedestrian Pedestal
○ → One Way Arrow Sign (R6-1R)	○ → Street Name Sign
○ → One Way Arrow Sign (R6-1L)	○ → One Way Arrow Sign (R6-1L)

**Signal Upgrade**

 NORTH CAROLINA INTERNATIONAL CITY Department of Transportation 215 S. Hamilton Street High Point, NC 27601	<b>Wrenn Street                  at                  E. High Avenue</b>		SEAL  ENGINEER MELISSA B. TOTH
	Division 07 Guilford County High Point	PLAN DATE: July 2014 PREPARED BY: AK Boyd	
SCALE 0 20 1"=20'	REVISIONS INIT. DATE	SIGNED BY: Melissa B. Toth DATE: 6/5/2015	SIGNED BY: DATE:

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

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