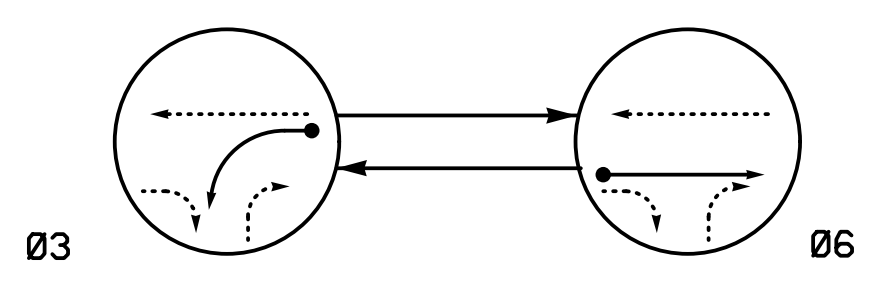


PHASING DIAGRAM



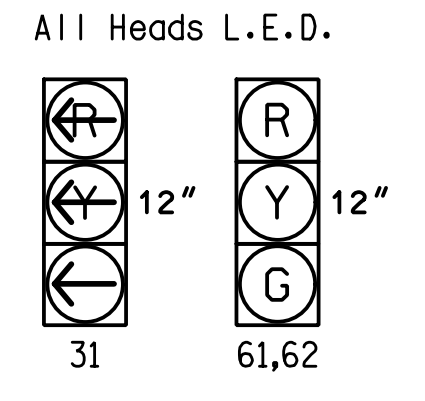
PHASING DIAGRAM DETECTION LEGEND

- ◄● DETECTED MOVEMENT
- ◄ UNDETECTED MOVEMENT (OVERLAP)
- ◄..... UNSIGNALIZED MOVEMENT
- ◄----- PEDESTRIAN MOVEMENT

TABLE OF OPERATION

SIGNAL FACE	PHASE		
	Ø 3	Ø 6	FLASH
31	---	R	R
61,62	R	G	Y

SIGNAL FACE I.D.



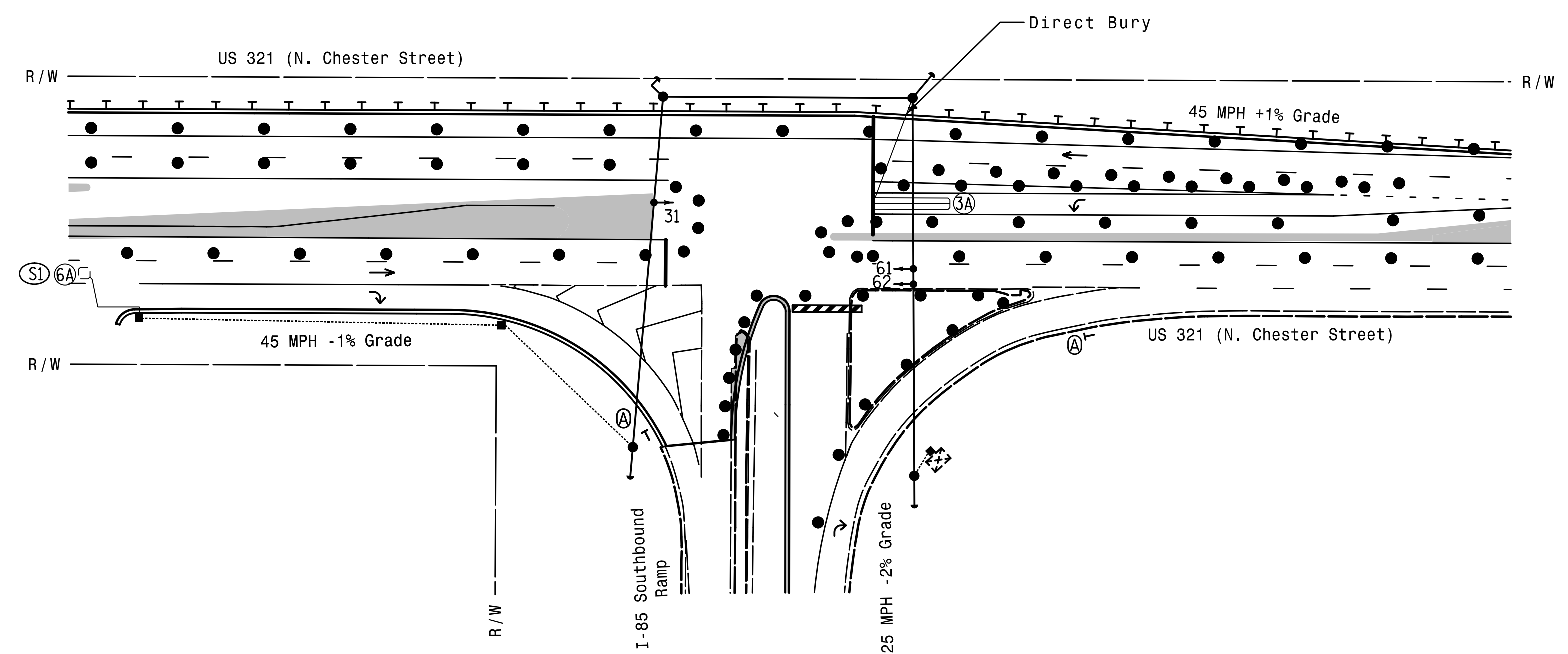
OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

LOOP	INDUCTIVE LOOPS				DETECTOR PROGRAMMING							
	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
3A	6X40	0	2-4-2	Y	3	Y	Y	-	-	-	-	-
6A/S1	6X6	300	6	-	6	Y	Y	-	-	-	Y	-

2 Phase Fully Actuated (Gastonia City Signal System)

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Reposition signal heads 31, 61, and 62.
- Set all detector units to presence mode.
- Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- Signal System data: Controller Asset #0023.

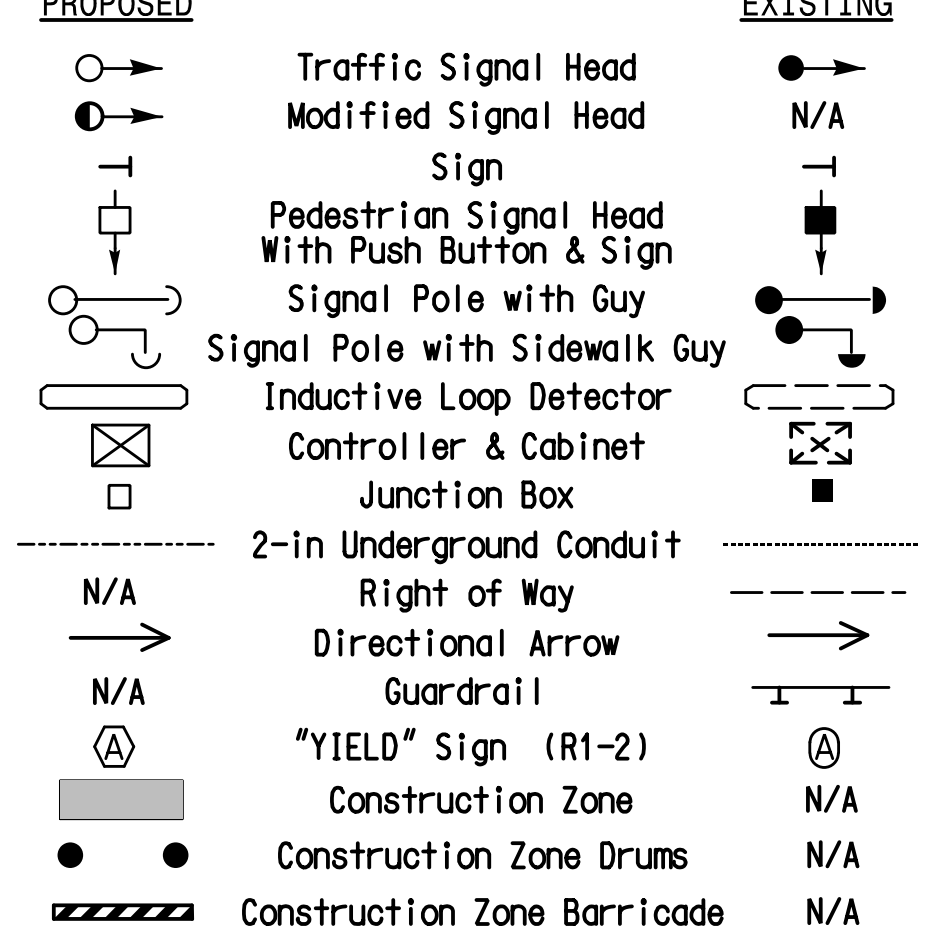


OASIS 2070 TIMING CHART

FEATURE	PHASE	
	3	6
Min Green 1 *	7	12
Extension 1 *	2.0	6.0
Max Green 1 *	20	90
Yellow Clearance	3.0	4.6
Red Clearance	3.2	1.3
Red Revert	2.0	2.0
Walk 1 *	-	-
Don't Walk 1	-	-
Seconds Per Actuation *	-	2.5
Max Variable Initial *	-	34
Time Before Reduction *	-	15
Time To Reduce *	-	30
Minimum Gap	-	3.0
Recall Mode	-	MIN RECALL
Vehicle Call Memory	-	YELLOW
Dual Entry	-	-
Simultaneous Gap	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phase 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

LEGEND



Temporary Signal Phase 1, Steps 6 & 7

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	Prepared For US 321 (N. Chester Street) at I-85 Southbound Ramp		SEAL
	Division 12 Gaston Co.	Gastonia	
PLAN DATE: September 2016 PREPARED BY: J.A. Wagner	REVIEWED BY: T.R. Terrell	REVIEWED BY: N.R. Simmons	11/8/2016 DATE
REVISIONS	INIT.	DATE	SIGNED: <i>Natasha R. Simmons</i> SIGNATURE
SCALE: 1"=50'			SIG. INVENTORY NO. 12-0023T3

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