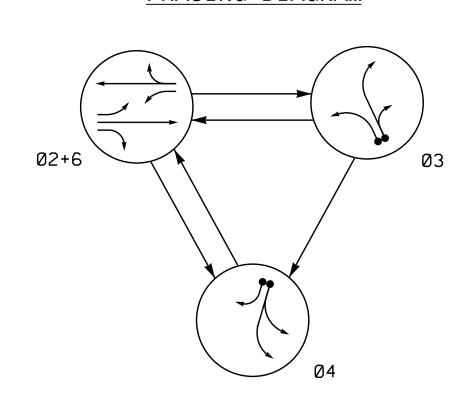
PHASING DIAGRAM



PH	ASING	DIAGRAM	DETECTION	LEGEN

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

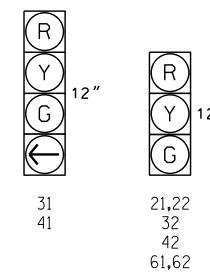
<−−> PEDESTRIAN MOVEMENT

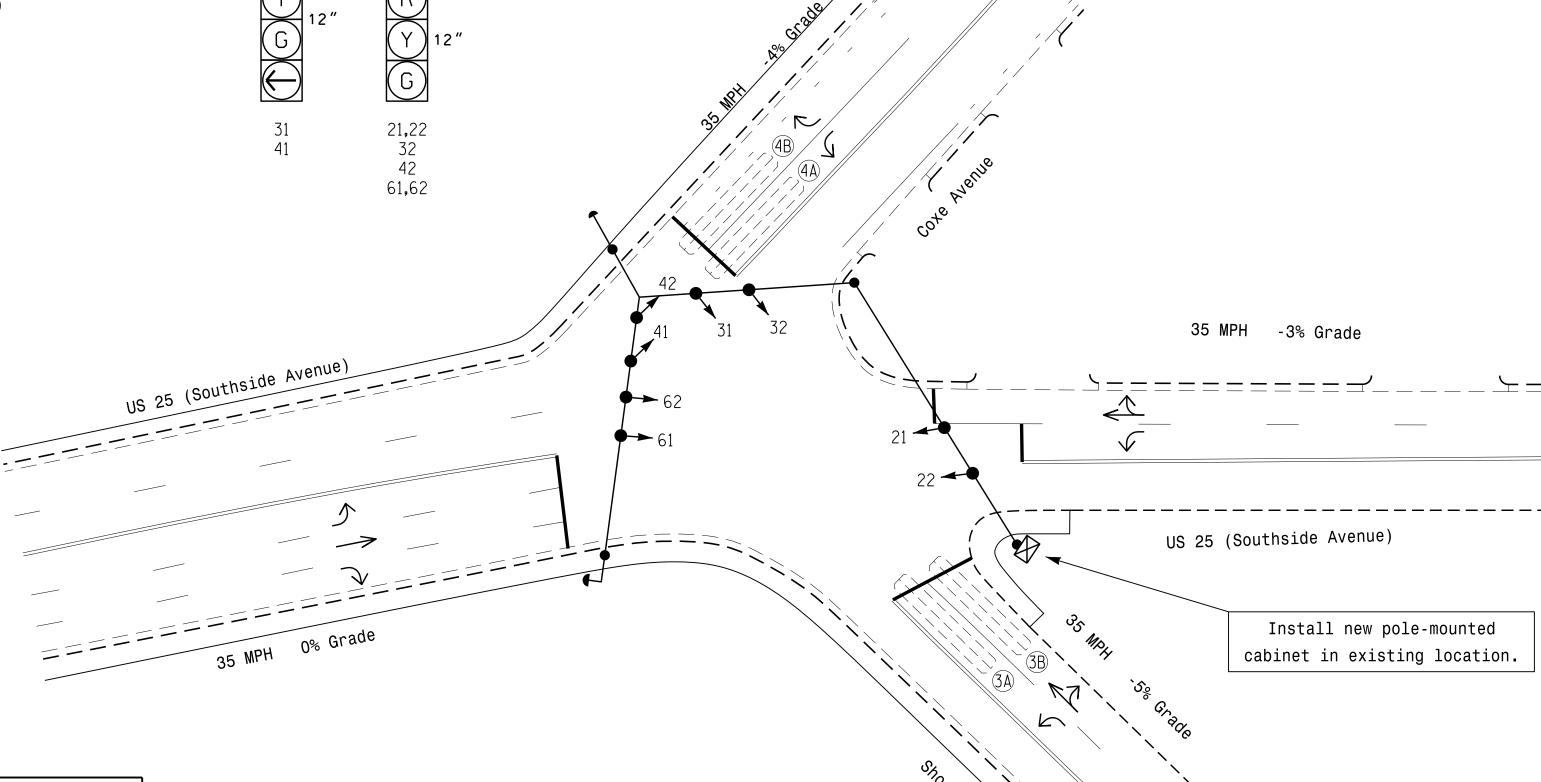
TABLE OF OPERATION						
	PHASE					
SIGNAL FACE	0 Ω+6	Ø3	0 4	トーセのエ		
21,22	G	R	R	Υ		
31	R	J U	R	R		
32	R	G	R	R		
41	R	R	ပ↓	R		
42	R	R	G	R		
61,62	G	R	R	Υ		

OASIS	2070	LOOP	& DET	EC	TOR	IN	ST	AL	LATIC	N CH	AR [°]	Т
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	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	+5	2-4-2	-	3	Y	Υ	-	-	3	ı	Υ
3B	6X40	+5	2-4-2	-	3	Y	Υ	ı	-	10	- 1	Υ
4A	6X40	+5	2-4-2	-	4	Y	Υ	ı	-	3	1	Υ
4B	6X40	+5	2-4-2	_	4	Υ	Υ	-	-	10	-	Υ

SIGNAL FACE I.D.

All Heads L.E.D.





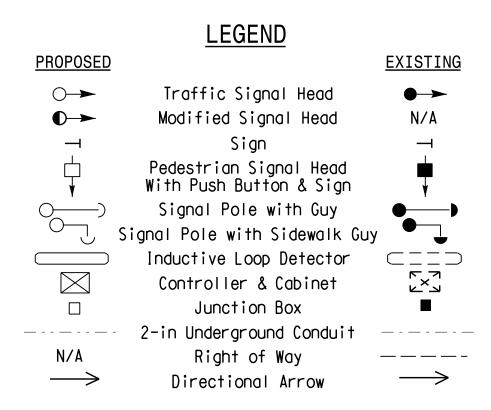
OASIS	2070	TIMING	CHAR	Γ			
	PHASE						
FEATURE	2	3	4	6			
Min Green 1 *	10	7	7	10			
Extension 1 *	0.0	2.0	2.0	0.0			
Max Green 1 *	35	25	25	35			
Yellow Clearance	4.1	4.2	3.0	4.1			
Red Clearance	2.4	2.2	3.2	2.4			
Walk 1 *	-	-	-	-			
Don't Walk 1	-	-	-	-			
Seconds Per Actuation *	-	-	-	-			
Max Variable Initial*	-	-	-	-			
Time Before Reduction *	-	-	-	-			
Time To Reduce *	-	-	-	-			
Minimum Gap	-	-	-	-			
Recall Mode	MAX RECALL	-	-	MAX RECALL			
Vehicle Call Memory	-	-	-	-			
Dual Entry	-	-	-	-			
Simultaneous Gap	ON	ON	ON	ON			

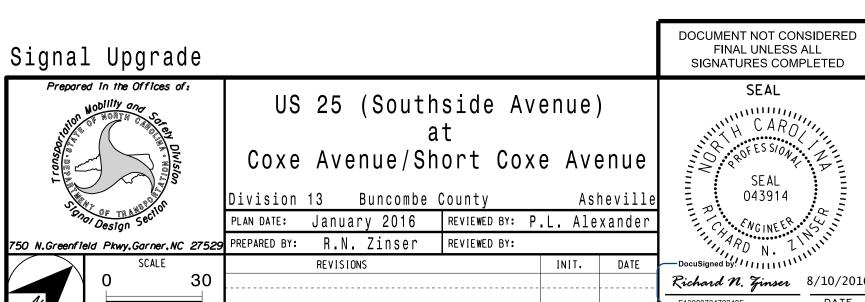
^{*} These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

3 Phase Semi-Actuated Asheville 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. The order of phase 3 and phase 4 may be reversed.
- 4. Set all detector units to presence mode.
- 5. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
- 6. Pavement markings are existing.
- 7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.





1"=30'

SIG. INVENTORY NO. 13-0247