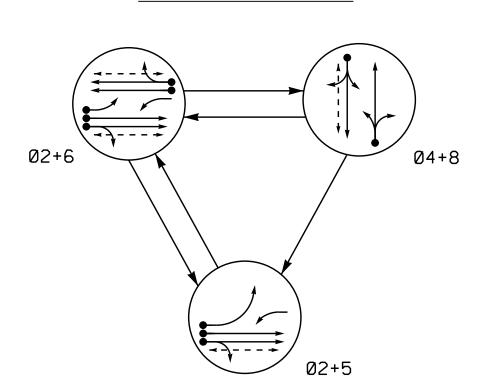


## PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

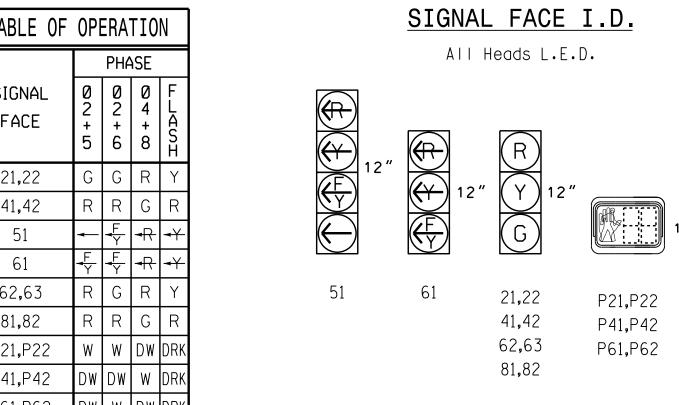
UNSIGNALIZED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

DETECTED MOVEMENT

<−−> PEDESTRIAN MOVEMENT

TABLE OF OPERATION							
		PHASE					
SIGNAL FACE	02+5	<b>∞</b> N+6	Ø 4 + 8	11日のエ			
21,22	G	G	R	Υ			
41,42	R	R	G	R			
51	<b>←</b>	ı⊤∳≻	<del></del>	+			
61	누	щ≽	#	<del>*</del>			
62,63	R	G	R	7			
81,82	R	R	G	R			
P21,P22	W	W	DW	DRK			
P41,P42	DW	DW	W	DRK			
P61,P62	DW	W	DW	DRK			

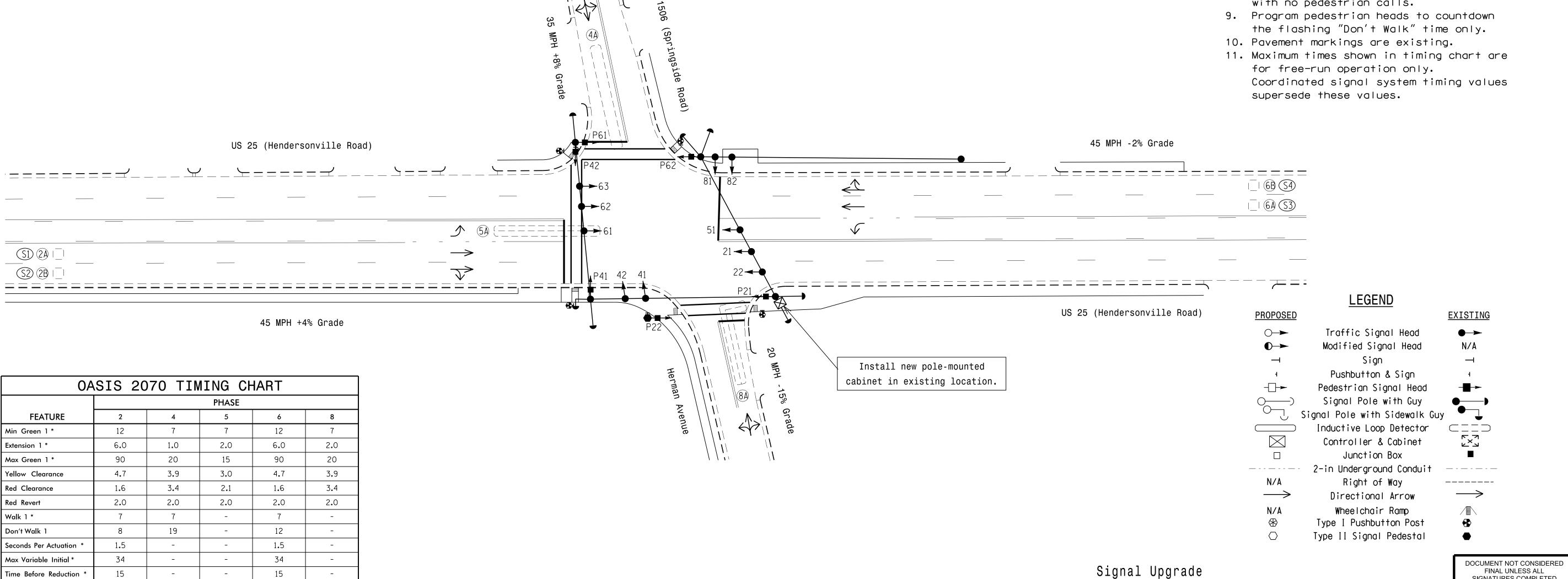


OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS				DETECTOR PROGRAMMING								
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A/SI	6×6	284	5	-	2	Υ	Υ	-	-	-	Υ	Υ
2B/S2	6×6	284	5	-	2	Υ	Υ	-	-	-	Υ	Υ
4A	6×60	+4	Existing	-	4	Υ	Υ	-	-	5	-	Υ
5A 6×60	CVCO	6×60 +20	Existing	Existing -	5	Υ	Υ	-	-	15	_	Υ
	0860				2	Υ	Υ	Υ	-	3	-	Υ
6A/S3	6×6	300	5	1	6	Υ	Υ	-	-	-	Υ	Υ
6B/S4	6×6	300	5	-	6	Υ	Υ	-	-	-	Υ	Υ
8.8	6×40	+9	2-4-2	-	8	Υ	Υ	-	-	5	-	Υ

## 3 Phase Fully Actuated Asheville Signal System

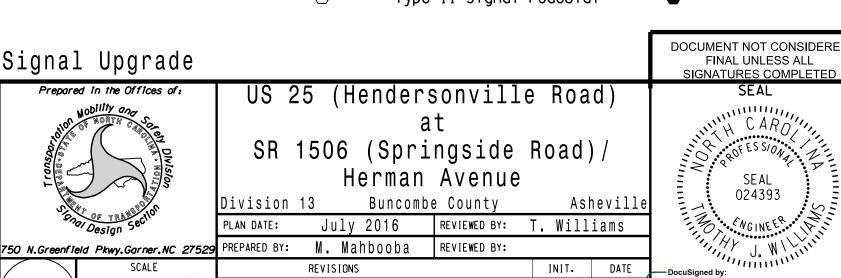
## NOTES

- 1. Refer to "Roadway Standard Drawings NC DOT" 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. Phase 5 may be lagged.
- 4. Set all detector units to presence mode.
- 5. In the event of loop replacement, refer to the current ITS and Signals Design Manual and submit a Plan of record to the Signal Design Section.
- 6. Locate new cabinet so as not obstruct sight distance of vehicle turning right on red.
- 7. Program controller to operate using FYA compact mode.
- 8. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
- 11. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values



Red Clearance 15 Time Before Reduction -30 Time To Reduce \* 30 3.0 3.0 Minimum Gap -MIN RECALL MIN RECALL Recall Mode Vehicle Call Memory YELLOW YELLOW ON Dual Entry ON ON ON Simultaneous Gap 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



1"=30'

J. (). Williams 9/26/2016

SIG. INVENTORY NO. 13-0529