

SIGNAL FACE	PHASE		
	Ø 6	Ø 3 + 8	FLASH
3l, 32			
6l		R	R
62	G	R	R
63		R	R
8l, 82, 83			R
P3l, P32	DW	W	DRK
P6l, P62	W	DW	DRK

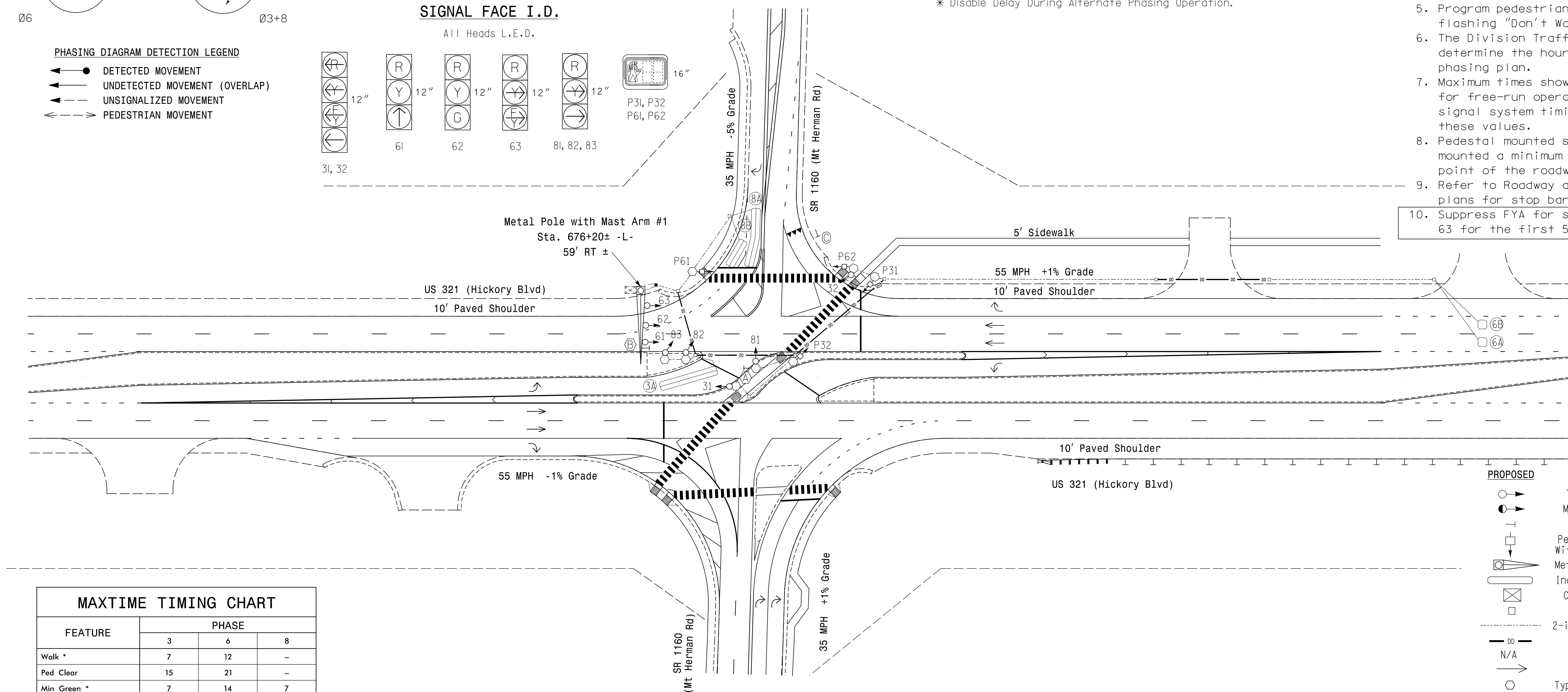
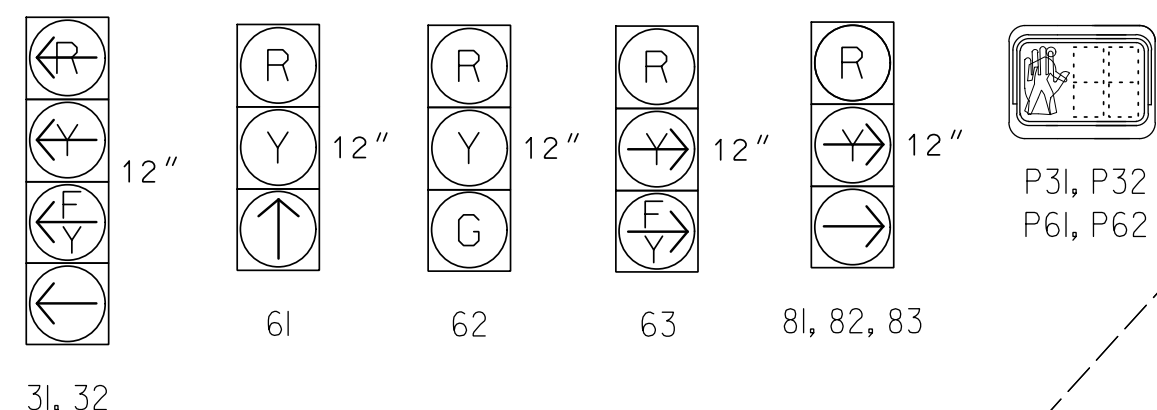
SIGNAL FACE	PHASE		
	Ø 6	Ø 3 + 8	FLASH
3l, 32	← R	←	← R
6l	↑	R	R
62	G	R	R
63	↘	R	R
8l, 82, 83	↘	→	R
P3l, P32	DW	W	DRK
P6l, P62	W	DW	DRK

DETECTOR					PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN	NEW CARD
3A	6X40	0	2-4-2	X	3	*15.0	-	X	-	X	-	X
6A	6X6	420	5	X	6	-	-	X	X	X	-	X
6B	6X6	420	5	X	6	-	-	X	X	X	-	X
8A	6X40	0	2-4-2	X	8	15.0	-	X	-	X	-	X
8B	6X20	0	2-4-2	X	8	15.0	-	X	-	X	-	X

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2024 and "Standard Specifications for Roads and Structures" dated January 2024.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Set all detector units to presence mode.
4. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
5. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
6. The Division Traffic Engineer will determine the hours of use for each phasing plan.
7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
8. Pedestal mounted signal heads shall be mounted a minimum of 8' above the high point of the roadway surface elevation.
9. Refer to Roadway and/or Pavement Marking plans for stop bar locations.
10. Suppress FYA for signal heads 31, 32, and 63 for the first 5 seconds of phase 6 ped.

All Heads L.E.D.

 DETECTED MOVEMENT
 UNDETECTED MOVEMENT (OVERLAP)
 UNSIGNALIZED MOVEMENT
 PEDESTRIAN MOVEMENT



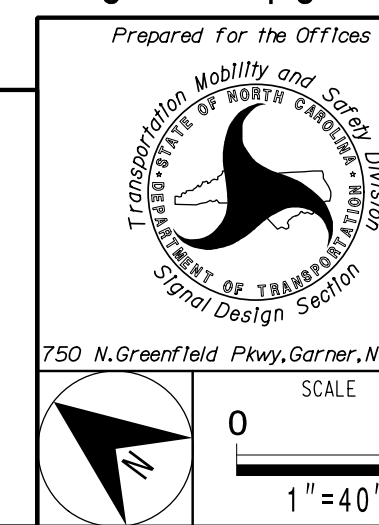
FEATURE	PHASE		
	3	6	8
Walk *	7	12	–
Ped Clear	15	21	–
Min Green *	7	14	7
Passage *	2.0	6.0	2.0
Max 1 *	30	90	20
Yellow Change	3.0	5.1	3.1
Red Clear	2.4	1.4	2.3
Added Initial *	–	1.5	–
Maximum Initial *	–	46	–
Time Before Reduction *	–	15	–
Time To Reduce *	–	30	–
Minimum Gap	–	3.4	–
Advance Walk	–	–	–
Non Lock Detector	X	–	X
Vehicle Recall	–	MIN RECALL	–
Dual Entry	X	–	X

* 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.

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head	
	With Push Button & Sign	
	Metal Pole with Mastarm	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
	Directional Drill	N/A
N/A	Right of Way	
	Directional Arrow	
	Type II Signal Pedestal	
N/A	Curb Ramp	
	No U-Turn Sign (R3-4)	
	No Left Turn Sign (R3-2)	
	"YIELD" Sign (R1-2)	

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
(704) 372-1885
NC License Number F-0991

[illegible]

DocuSigned by:
Trent Woody
 6/10/2017
 45E419B9-04E2-40E2-80E2-80E2-80E2-80E2
 SIG. INVENTORY NO. ||-0

DocuSigned by:
Trent Moody 6/10/2024
45EAT04838/04ED
SIGNATURE DATE
SIG. INVENTORY NO. 11-0810