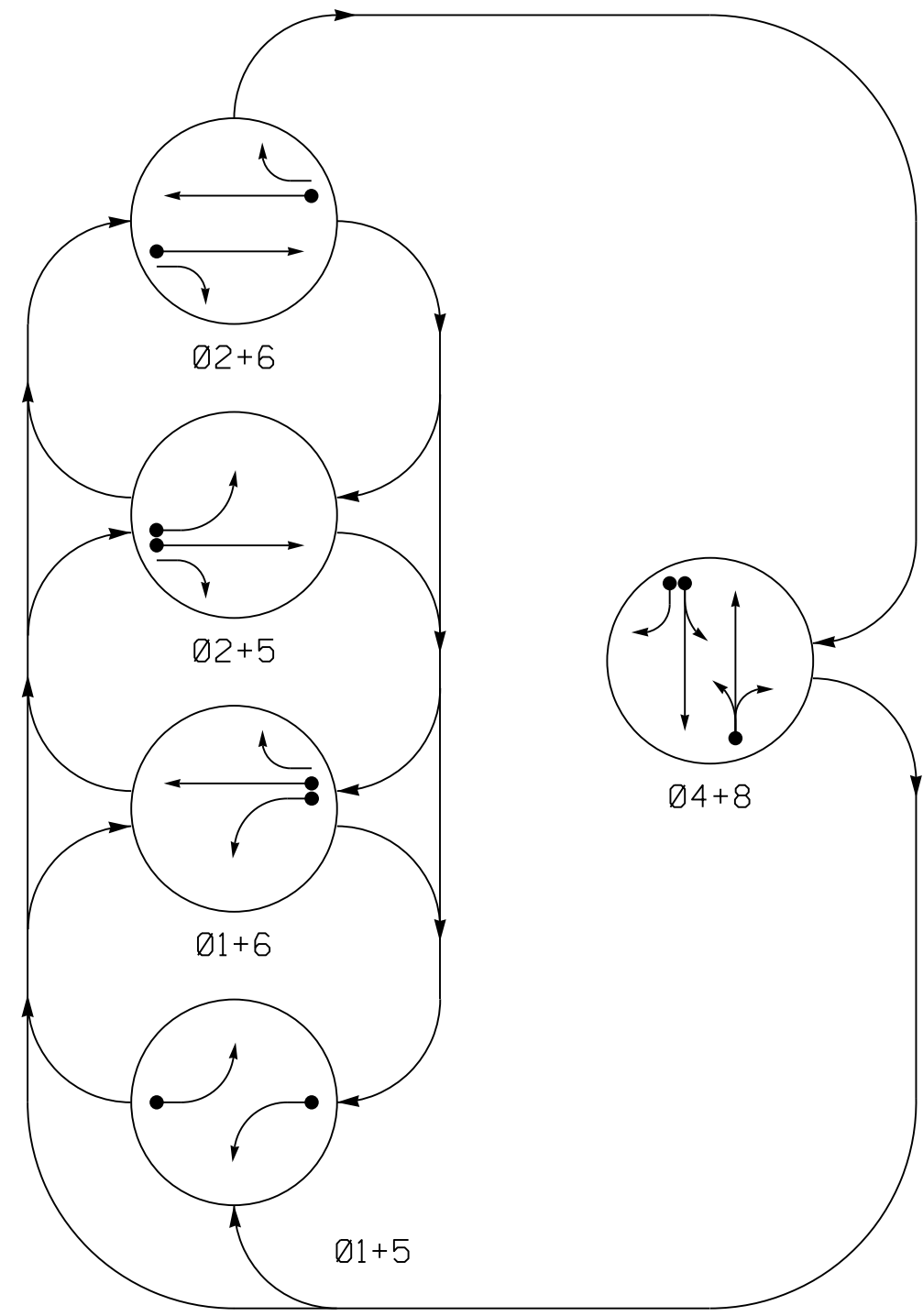


PHASING DIAGRAM



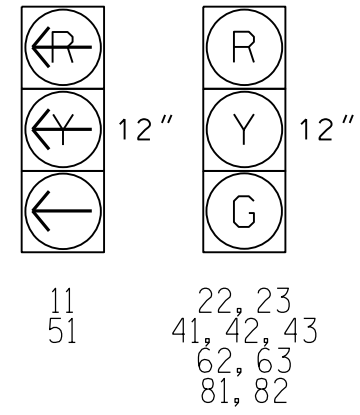
PHASING DIAGRAM DETECTION LEGEND

- ←●→ DETECTED MOVEMENT
- ←○→ UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- ←- - -> PEDESTRIAN MOVEMENT

SIGNAL FACE	PHASE					
	Ø1+5	Ø1+6	Ø2+5	Ø2+6	Ø4+8	Ø4+8
11	←	←	←	←	←	←
22, 23	G	R	G	G	R	Y
41, 42, 43	R	R	R	R	G	R
51	←	←	←	←	←	←
62, 63	R	G	G	G	R	Y
81, 82	R	R	R	R	G	R

SIGNAL FACE I.D.

All Heads L.E.D.



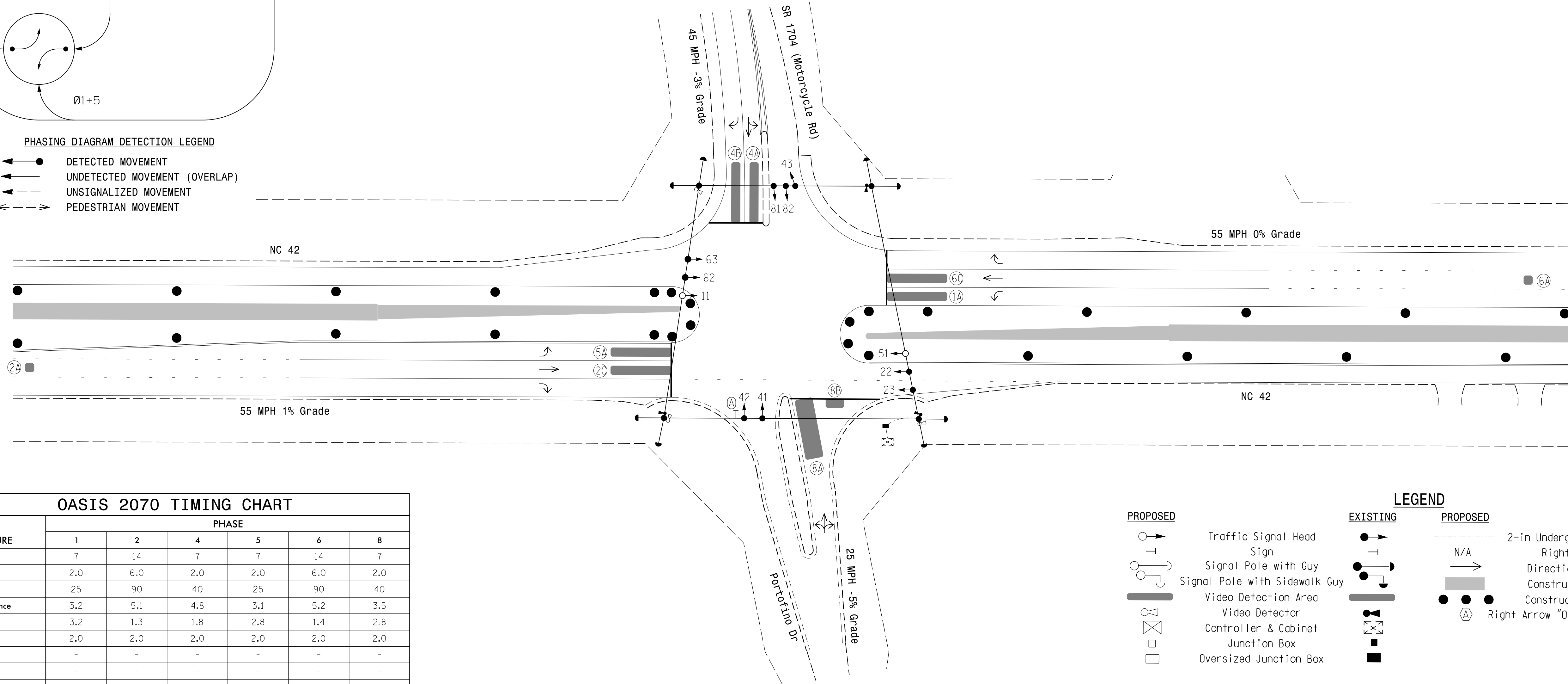
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING								
				NEW LOOP	PHASE	CALLING	EXTENSION	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD	
1A	6X40	0	*	Y	1	Y	Y	Y	-	3	-	*
2A	6X6	420	*	-	2	Y	Y	-	-	-	-	*
2C	6X40	0	*	-	2	Y	Y	Y	2.0	5	-	*
4A	6X40	0	*	Y	4	Y	Y	-	-	-	-	*
4B	6X40	0	*	Y	4	Y	Y	-	-	15	-	*
5A	6X40	0	*	-	5	Y	Y	Y	-	3	-	*
6A	6X6	420	*	Y	6	Y	Y	-	-	-	-	*
6C	6X40	0	*	Y	6	Y	Y	Y	2.0	5	-	*
8A	12X40	0	*	-	8	Y	Y	-	-	10	-	*
8B	12X6	0	*	-	8	Y	Y	-	-	15	-	*

* Video Detection Zone

5 Phase Fully Actuated Isolated

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018, "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- Reposition existing signal heads numbered 62, and 63.
- Set all detector units to presence mode.



OASIS 2070 TIMING CHART

FEATURE	PHASE					
	1	2	4	5	6	8
Min Green 1 *	7	14	7	7	14	7
Extension 1 *	2.0	6.0	2.0	2.0	6.0	2.0
Max Green 1 *	25	90	40	25	90	40
Yellow Clearance	3.2	5.1	4.8	3.1	5.2	3.5
Red Clearance	3.2	1.3	1.8	2.8	1.4	2.8
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation *	-	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-	-
Time Before Reduction *	-	15	-	-	15	-
Time To Reduce *	-	30	-	-	30	-
Minimum Gap	-	3.4	-	-	3.4	-
Recall Mode	-	MIN RECALL	-	-	MIN RECALL	-
Vehicle Call Memory	-	-	-	-	-	-
Dual Entry	-	-	ON	-	-	ON
Simultaneous Gap	ON	ON	ON	ON	ON	ON

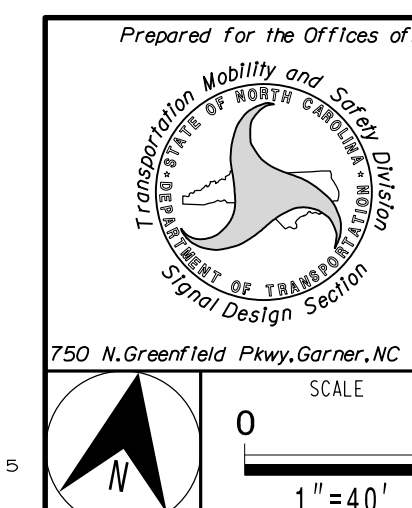
* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

PROPOSED		EXISTING	
	Traffic Signal Head		EXISTING
	Signal Pole with Guy		EXISTING
	Signal Pole with Sidewalk Guy		EXISTING
	Video Detection Area		EXISTING
	Video Detector		EXISTING
	Controller & Cabinet		EXISTING
	Junction Box		EXISTING
	Oversized Junction Box		EXISTING
	2-in Underground Conduit		EXISTING
	Right of Way		EXISTING
	Directional Arrow		EXISTING
	Construction Zone		EXISTING
	Construction Drums		EXISTING
	Right Arrow "ONLY" Sign (R3-5R)		EXISTING

New Installation - Temporary Design 3 (TMP Phase III)

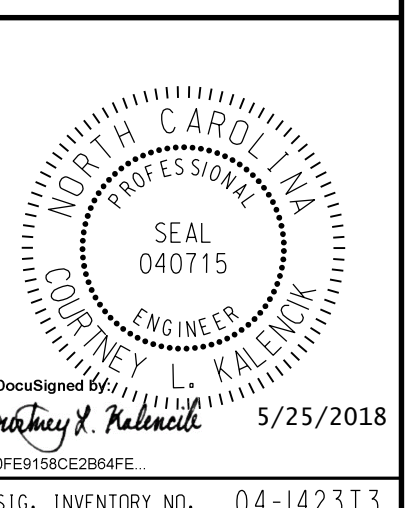


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 NC LICENSE # C-2243



Prepared for the Offices of:		NC 42	
at		SR 1704 (Motorcycle Rd)/	
Portofino Dr		Clayton	
PLAN DATE: January 2018	REVIEWED BY: C. L. Kalencik	PREPARED BY: S. W. COX	REVIEWED BY:
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



5/25/2018
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