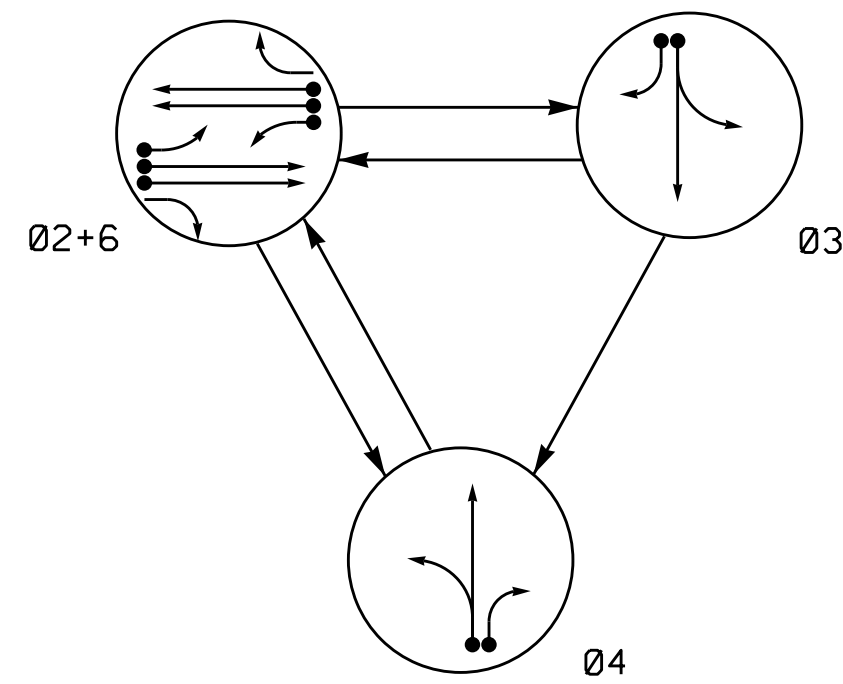
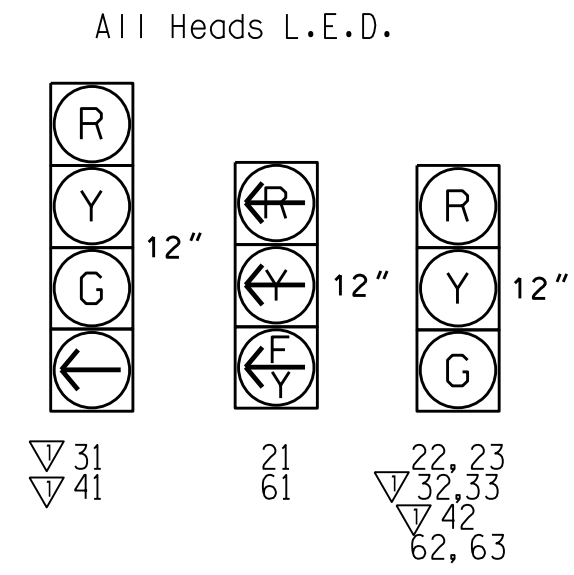


PHASING DIAGRAM



SIGNAL FACE	PHASE			
	02+6	03	04	FL
21	Y	R	R	Y
22, 23	G	R	R	Y
31	R	G	R	R
32, 33	R	G	R	R
41	R	R	G	R
42	R	R	G	R
61	Y	R	R	Y
62, 63	G	R	R	Y

SIGNAL FACE I.D.



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

* Video Detection Zone

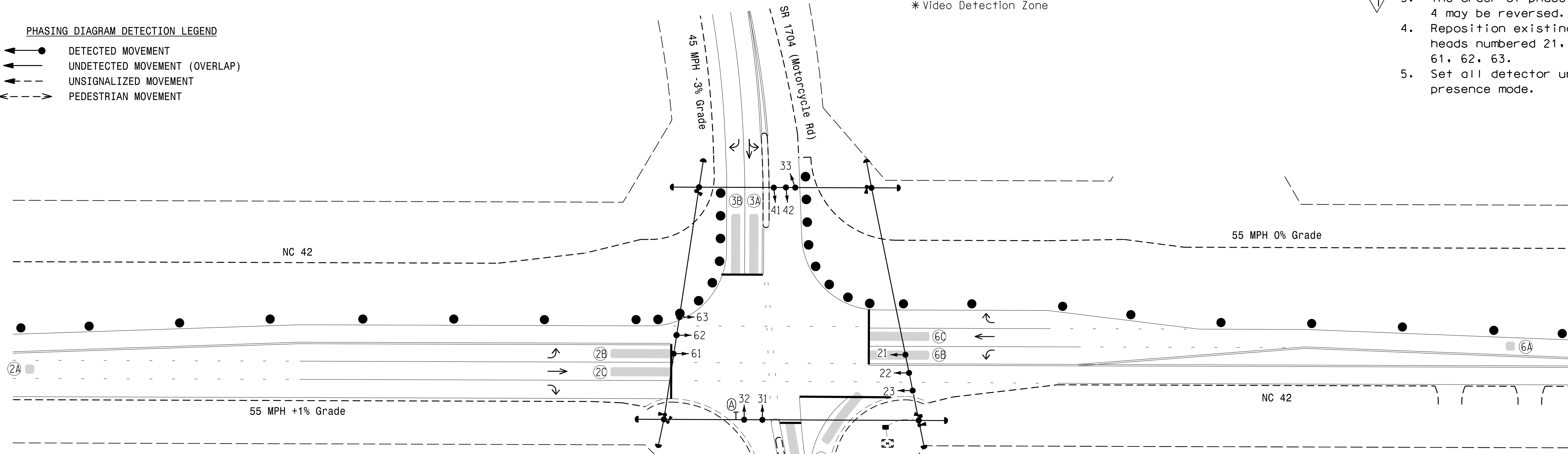
3 Phase Fully Actuated Isolated

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
- Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- The order of phase 3 and phase 4 may be reversed.
- Reposition existing signal heads numbered 21, 22, 31, 62, 63.
- Set all detector units to presence mode.

PHASING DIAGRAM DETECTION LEGEND

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



FEATURE	PHASE			
	2	3	4	6
Min Green 1 *	14	7	7	14
Extension 1 *	6.0	2.0	2.0	6.0
Max Green 1 *	90	20	20	90
Yellow Clearance	5.2	4.8	3.5	5.2
Red Clearance	1.3	1.3	2.1	1.3
Red Revert	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	YELLOW	-	-	YELLOW
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.

PROPOSED	EXISTING

Signal Revision - Temporary Design 2 (TMP Phase II)

REVISION SEAL

Prepared in the Offices of:

NC 42 at SR 1704 (Motorcycle Rd) / Portofino Dr

Division 4 Johnston County Clayton

PLAN DATE: January 2018 REVIEWED BY: C.L. Kalencik

PREPARED BY: S.W. COX REVIEWED BY:

Revised phasing; added lane on phase 4.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Not a certified document as to the Original Document but Only as to the Revisions - This document originally Issued and sealed by Courtney L. Kalencik, PE-040715 on 5/25/2018. This document is only certified as to the revisions.

DATE: 1-24-20

SCALE: 1" = 40'

INITIALS: [Signature]

DATE: 1-24-20

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