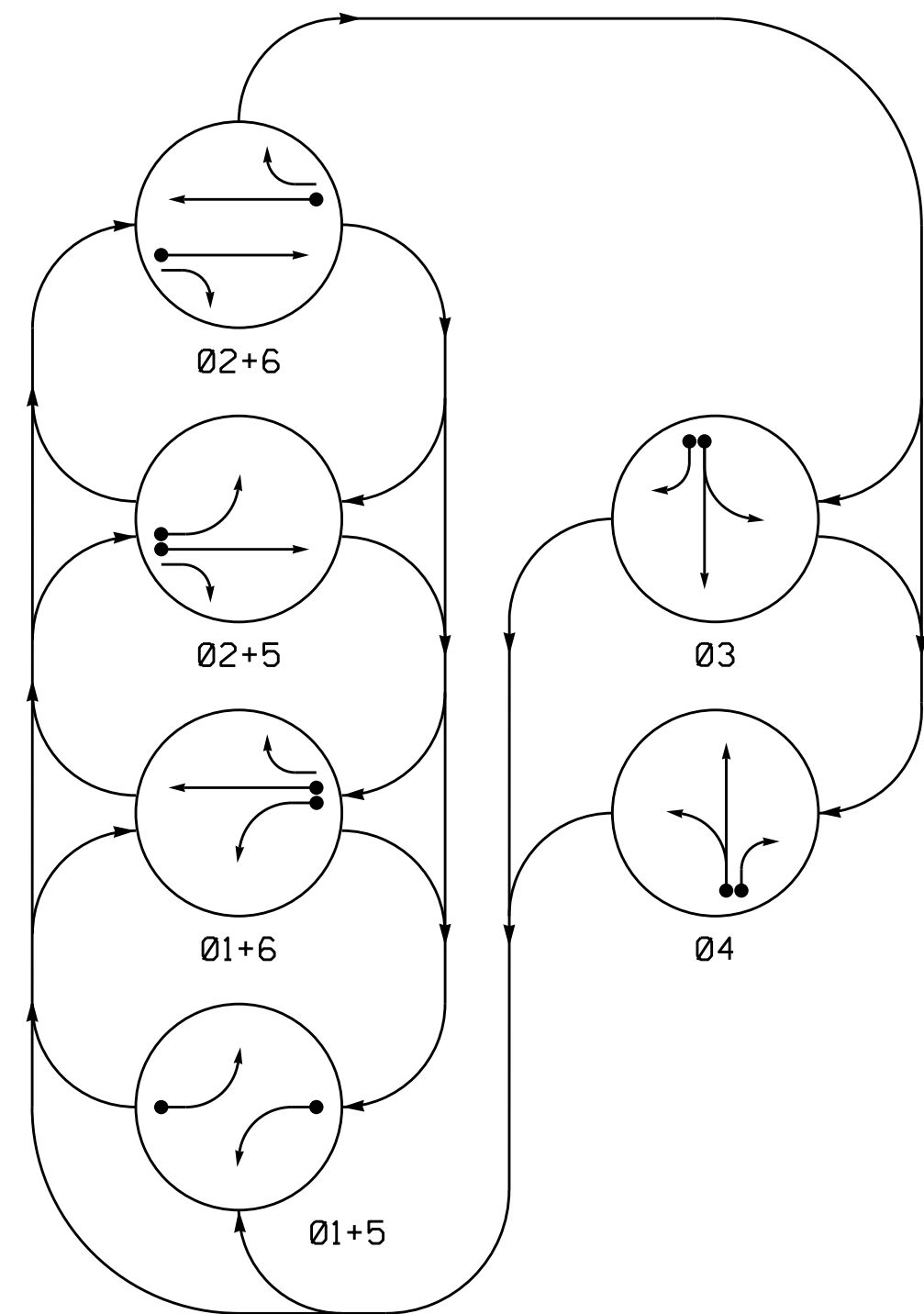


PHASING DIAGRAM

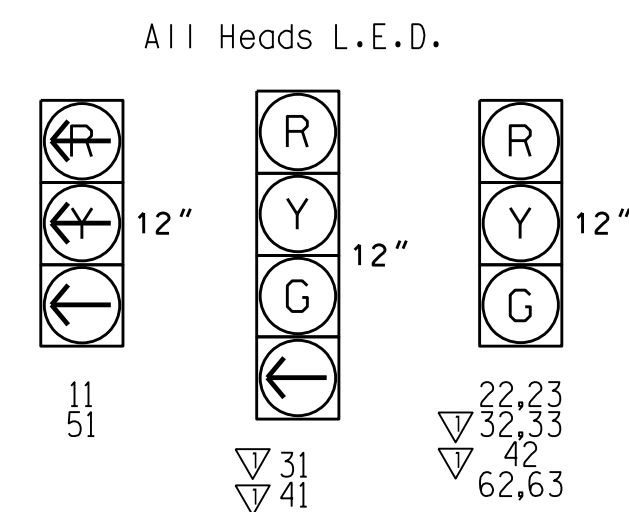


PHASING DIAGRAM DETECTION LEGEND

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

SIGNAL FACE	PHASE					
	01+5	01+6	02+5	02+6	03	04
11	←	←	←	←	←	←
22,23	G	R	G	G	R	Y
31	R	R	R	R	G	R
32	R	R	R	R	G	R
41	R	R	R	R	G	R
42	R	R	R	R	G	R
51	←	←	←	←	←	←
62,63	R	G	R	G	R	Y

SIGNAL FACE I.D.



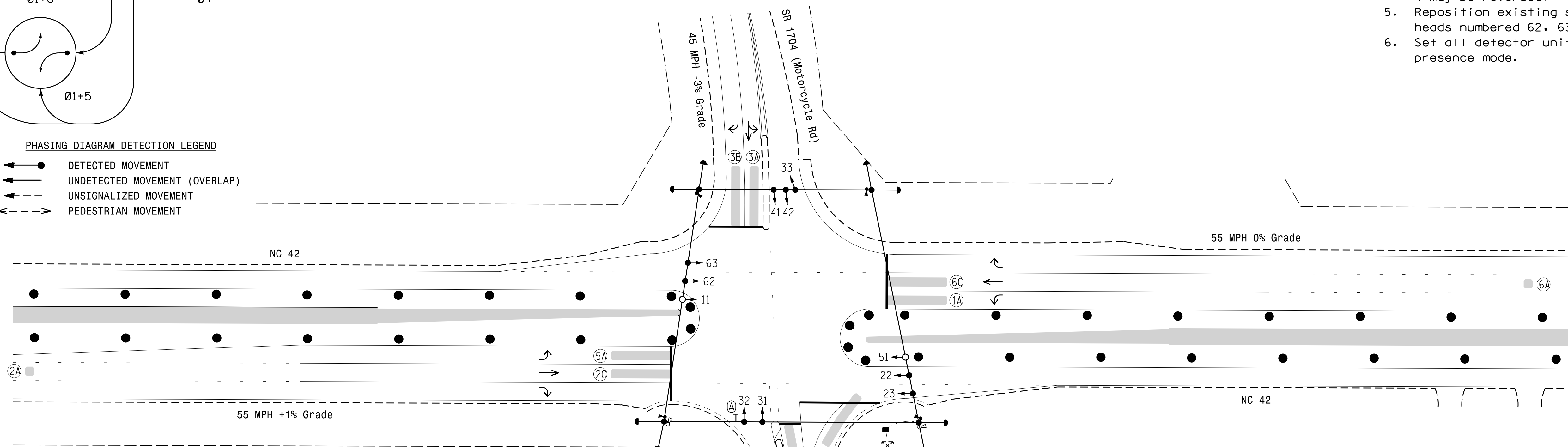
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	DETECTOR PROGRAMMING						
				NEW LOOP	PHASE	CALLING	EXTENSION	STRETCH TIME	DELAY TIME	
1A	6X40	0	*	Y	1	Y	Y	Y	3	-
2A	6X6	420	*	-	2	Y	Y	-	-	-
2C	6X40	0	*	-	2	Y	Y	Y	2.0	5
3A	6X40	0	*	Y	3	Y	Y	-	-	-
3B	6X40	0	*	Y	3	Y	Y	-	-	-
4A	6X40	0	*	-	4	Y	Y	-	-	-
4B	6X40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

\* Video Detection Zone

6 Phase Fully Actuated Isolated

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. The order of phase 3 and phase 4 may be reversed.
5. Reposition existing signal heads numbered 62, 63.
6. Set all detector units to presence mode.



OASIS 2070 TIMING CHART

FEATURE	PHASE					
	1	2	3	4	5	6
Min Green 1*	7	14	7	7	7	14
Extension 1*	2.0	6.0	2.0	2.0	2.0	6.0
Max Green 1*	25	90	20	20	25	90
Yellow Clearance	3.0	5.1	4.8	3.5	3.0	5.2
Red Clearance	3.5	1.3	1.8	3.1	3.3	1.4
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	-	-	-	-	-	-
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.

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

Signal Revision - Temporary Design 3 (TMP Phase III)

	Prepared in the Offices of: 		NC 42 at SR 1704 (Motorcycle Rd) / Portofino Dr		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.
	REVISION/SEAL 1/24/20	PREPARED BY: S.W. COX REVIEWED BY: C.L. Kalencik	PLAN DATE: January 2018 REVISIONS: Revised phasing; added lane on phase 4.	DIVISION: 4 COUNTY: Johnston CITY: Clayton	