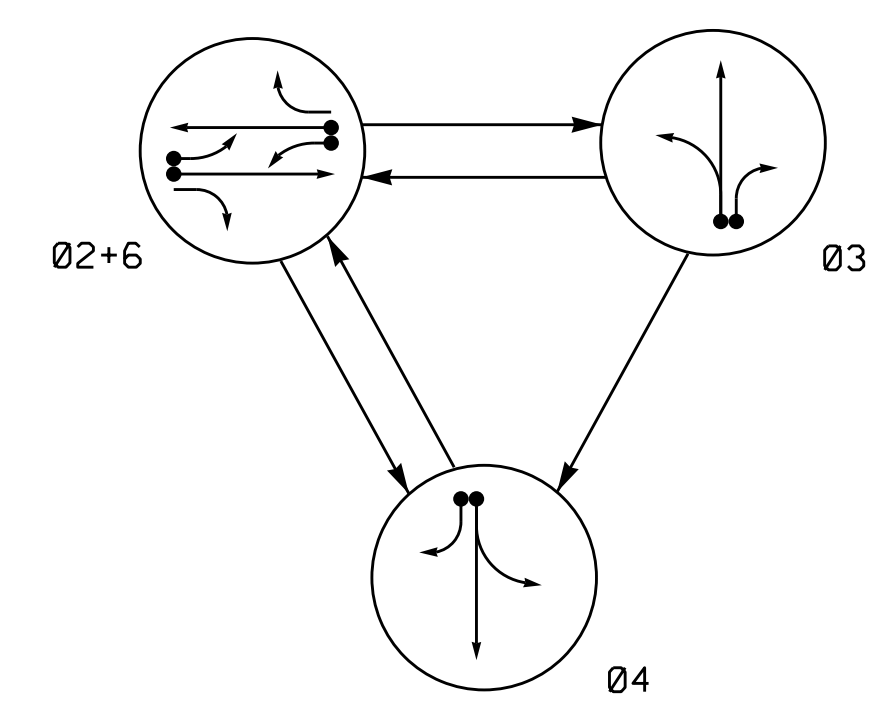
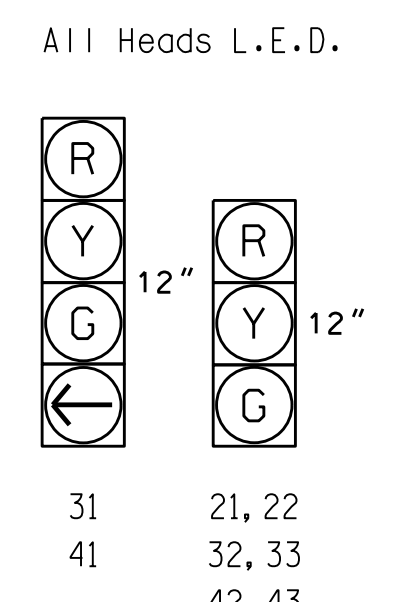


PHASING DIAGRAM



SIGNAL FACE	PHASE			
	Ø 2+6	Ø 3	Ø 4	FLHS
21, 22	G	R	R	Y
31	R	G	R	R
32, 33	R	G	R	R
41	R	R	G	R
42, 43	R	R	G	R
61, 62	G	R	R	Y

SIGNAL FACE I.D.



INDUCTIVE LOOPS				DETECTOR PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	PHASE	CALLING	EXTENSION	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A	6X6	300	*	-	2	Y	Y	-	-	-
2B	6X40	0	*	-	2	Y	Y	2	5	-
2C	6X40	0	*	-	2	Y	Y	Y	3	-
3A	6X40	0	*	-	3	Y	Y	-	3	-
3B	6X40	0	*	Y	3	Y	Y	-	15	-
4A	6X40	0	*	-	4	Y	Y	-	3	-
4B	6X40	0	*	Y	4	Y	Y	-	15	-
6A	6X6	300	*	-	6	Y	Y	-	-	-
6B	6X40	0	*	-	6	Y	Y	2	5	-
6C	6X40	0	*	-	6	Y	Y	Y	3	-

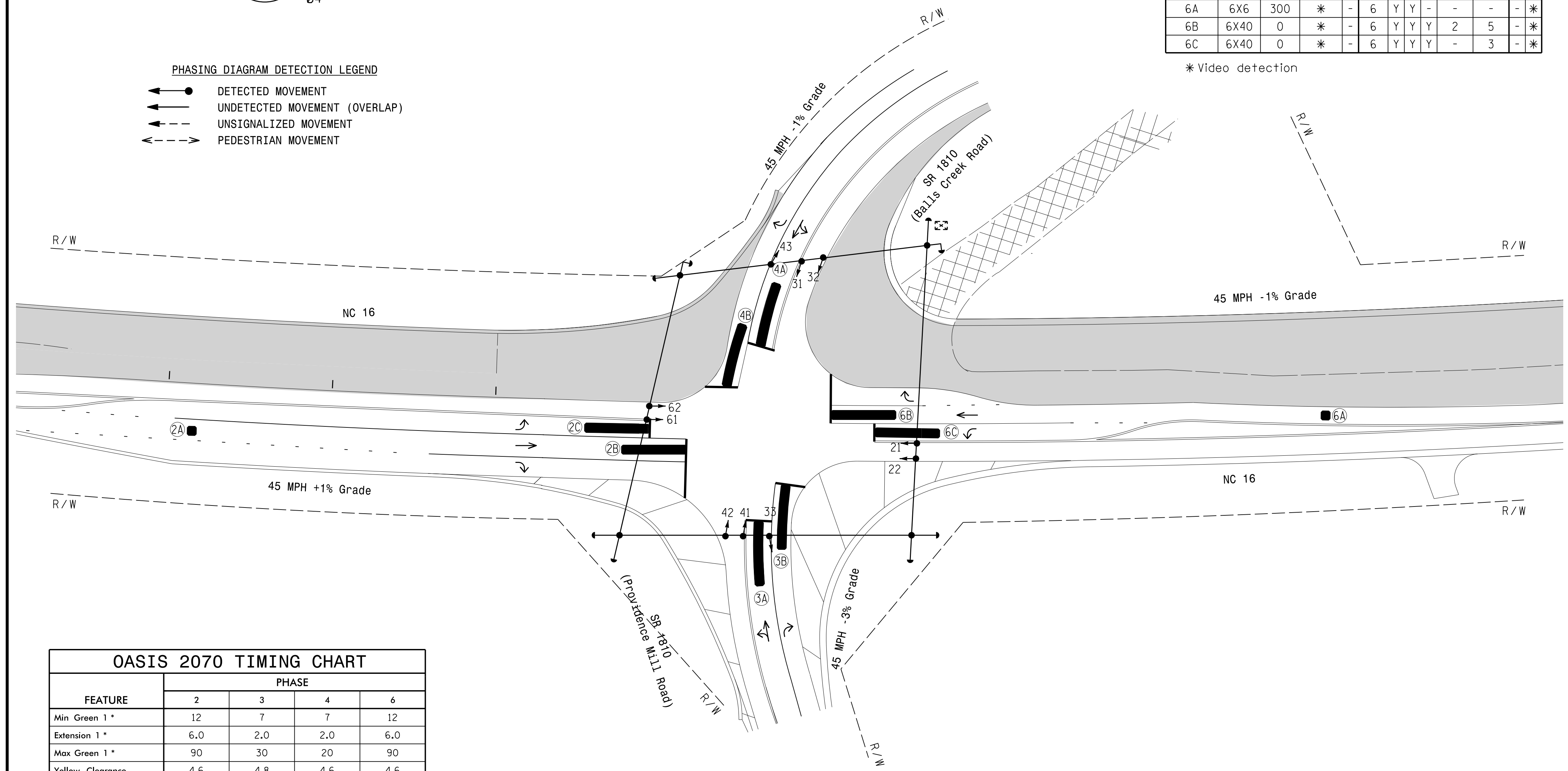
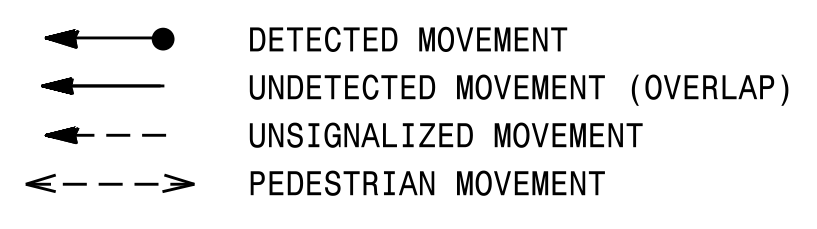
* Video detection

3 Phase Fully Actuated Isolated

NOTES

- Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 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 41, 42 & 43.
- Adjust all Video Detection Zones as shown.
- Set all detector units to presence mode.
- Incorporate Loop Emulator Detection System for vehicle detection.

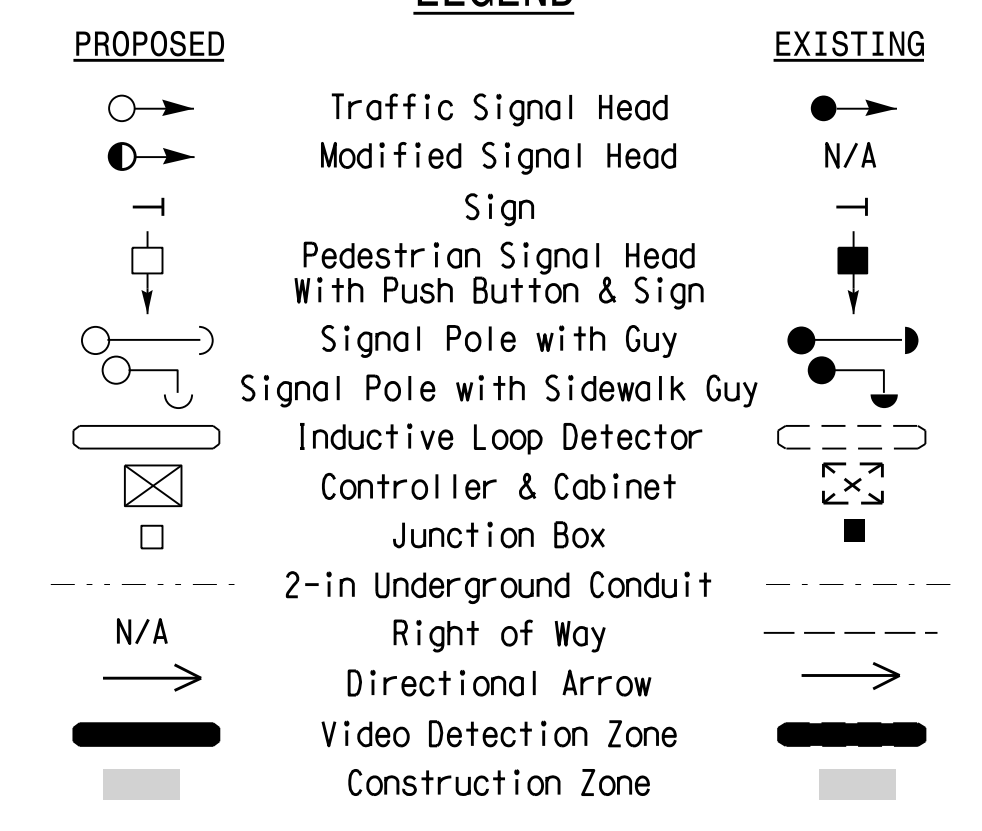
PHASING DIAGRAM DETECTION LEGEND



FEATURE	PHASE			
	2	3	4	6
Min Green 1 *	12	7	7	12
Extension 1 *	6.0	2.0	2.0	6.0
Max Green 1 *	90	30	20	90
Yellow Clearance	4.6	4.8	4.6	4.6
Red Clearance	1.4	1.3	1.4	1.4
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	3.0	-	-	3.0
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.

LEGEND



Temporary Signal Design 2 (TCP Phase-II)

750 N. Greenfield Pkwy, Garner, NC 27529

NC 16 at SR 1810 (Providence Mill Road / Balls Creek Road)

Division 12, Catawba County, Conover

PLAN DATE: August 2016 REVIEWED BY: T. Williams

PREPARED BY: M. Mahbooba REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

10/14/2016

SIG. INVENTORY NO. 12-0248 T2

SCALE 0 40 1"=40'

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