

* 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.

LOOP & DETECTOR INSTALLATION CHART ASC/3-2070EN2 CONTROLLER w/ TS-2 CABINET												
INDUCTIVE LOOPS					DETECTOR UNITS							
LOOP / ZONE NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	NEW	EXISTING	NEMA PHASE	NEW	EXISTING	TIMING		ADDED	DET.
									FEATURE	TIME (sec)	INITIAL	TYPE
1 4 5/2	6X40	0	*	X		1	*	-	DELAY	15	-	S
14*	6740	0	不	^	-	6	*	-	DELAY	3	-	G
1B	6X40	0	2-4-2	-	Х	1	Х	-	DELAY	15	-	S
2A 米	6X6	300	*	X		2	*	-	_	-	Х	Ν
2B 米	6X6	300	*	X		2	*	-	-	-	Х	Ν
3A 米	6X40	0	*	X	-	3	*	-	DELAY	3	-	S
3B 米	6X40	0	*	X	-	3	*	-	_	-	-	S
3C 米	6X40	0	*	X	-	3	*	-	DELAY	10	-	S
4A	6X40	0	2-4-2	-	Х	4	Х	-	_	-	-	S
5A 米	6X40	X40 0	*	X	-	5	*	-	DELAY	15	-	S
						2	*	-	DELAY	3	-	G
6A 米	6X6	300	*	Х		6	*	-	-	-	Х	Ν
6B 米	6X6	300	*	X		6	*	-	-	-	Х	N

PROJECT REFERENCE NO.	SHEET NO.
I-5700	Sig. 7.0

DETECTOR	UNITS

6 Phase Fully Actuated (Cary Signal System)

<u>NOTES</u>

- 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. Set all detector units to presence mode. 6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right
- on red. 7. Maximum times shown in timing chart are for free-run operation only.
- Coordinated signal system timing values supersede these values.
- 8. Cary signal system data: Fiber Channel #: 26.
- 9. This intersection features a video detection system. Shown locations of detectors are conceptual only. Refer to the manufacturer's guidelines for optimal detector placement.

B1	vd)	

LEGEND
PROPOSED EXISTING
○→ Traffic Signal Head ●→
● → Modified Signal Head N/A
Signal Pole with Guy
🔍 🛛 Signal Pole with Sidewalk Guy 🖉 🖵
\square Inductive Loop Detector \square
Controller & Cabinet
Junction Box
— 2-in Underground Conduit —
N/A Right of Way —————
> Directional Arrow>
Type II Signal Pedestal
N/A Guardrail <u> </u>
N/A Curb Ramp
Out of Pavement Detector
Video Detection Area
Construction Zone Drums
Construction Zone
(A) Right Arrow "ONLY" Sign (R3-5R)
B Combined Through and Left Arrow Sign (R3-6L) B B
nporary Design 1 (TMP Phase I, Step A)

gnal Upgrade - Tei	mporary Design 1 (TM	, ,	FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared in the Offices of:	SR 3015 (Air	SEAL		
Wobility one sole philision of the philip one sole philision Storney Design Sector	at Factory Sh Aerial Cent Division 5 Wake Cou	iops Road/ er Parkway	SEAL 026486	
N.Greenfield Pkwy,Garner,NC 27529		REVIEWED BY:	CALL THE THE	
SCALE 0 40	REVISIONS	INIT. DATE	DocuSigned by: 10004/Dece274444 10004/Dece274444 10004/Dece274444 DATE	
1 "=40'			SIG. INVENTORY NO. 05-1726T1	