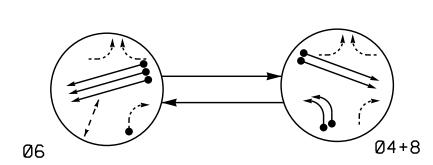
PHASING DIAGRAM

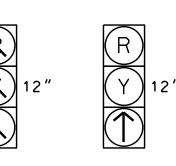


PHASING	DIAGRAM	DETECTION	LEGEND
-			

←	DETECTED MOVEMENT
←	UNDETECTED MOVEMENT (OVERLA
	UNSIGNALIZED MOVEMENT

← − − > PEDESTRIAN MOVEMENT

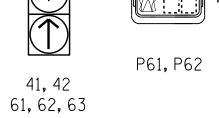
TABLE OF	0PI	ERA	TIO	N
		PHA	4SE	
SIGNAL FACE	06	Ø 4 + 8	спо спо-	FLAST
41, 42	R	1	R	R
61, 62, 63	†	R	R	R
81, 82	R	X	R	R
P61, P62	W	DW	DW	DR



81, 82

SIGNAL FACE I.D.

All Heads L.E.D.

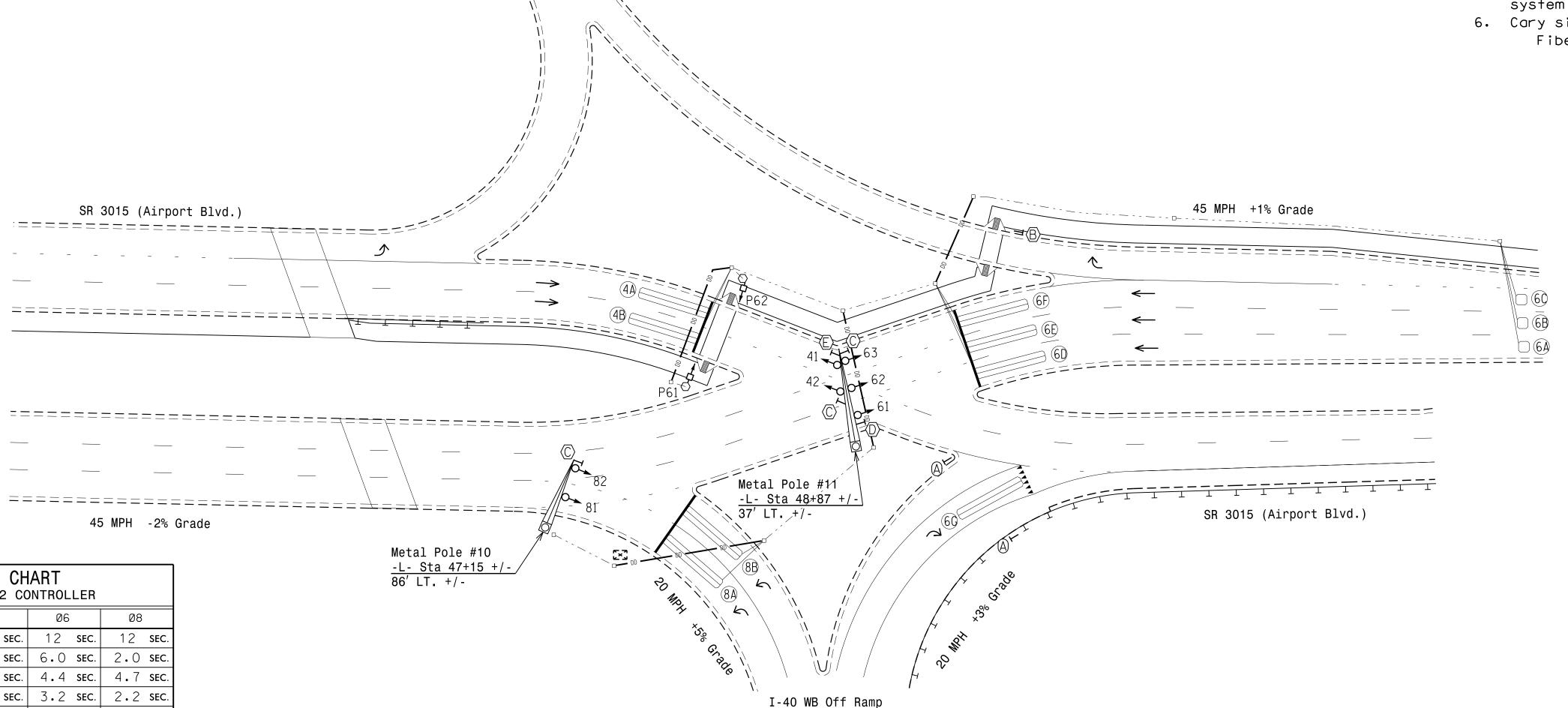


LOOP & DETECTOR INSTALLATION CHART ASC/3-2070EN2 CONTROLLER W/ TS-2 CABINET												
INDUCTIVE LOOPS					DETECTOR UNITS							
LOOP NO.	SIZE	DIST. FROM STOPBAR	TURNS	ZEX	TING	NEMA	NEW	XISTING	TIMING		ADDED	DET.
1001 110.	(ft)	(ft)	101113	Ž	EXISTING	PHASE			EXIS	FEATURE	TIME	INITIAL
4A	6X40	0	2-4-2	Х	ı	4	-	Χ	-	ı	-	S
4B	6X40	0	2-4-2	Х	-	4	ı	Χ	_	ı	-	S
64	6X6	0	5	Х	-	6	Χ	-	-	ı	X	N
6B	6X6	0	5	Х	-	6	Χ	-	_	ı	X	N
6C	6X6	0	5	Х	-	6	Χ	-	_	ı	Х	N
6D	6X40	0	2-4-2	X	ı	6	ı	Χ	-	ı	-	S
6E	6X40	0	2-4-2	Х	ı	6	ı	Χ	-	ı	-	S
6F	6X40	0	2-4-2	Х	ı	6	ı	Χ	-	ı	-	S
6G	6X40	0	2-4-2	Х	_	6	ı	Χ	DELAY	20	_	S
88	6X40	0	2-4-2	Х	_	8	ı	Χ	_	-	_	S
8B	6X40	0	2-4-2	Х	_	8	-	Χ	_	_		S

3 Phase Fully Actuated (Cary Signal System)

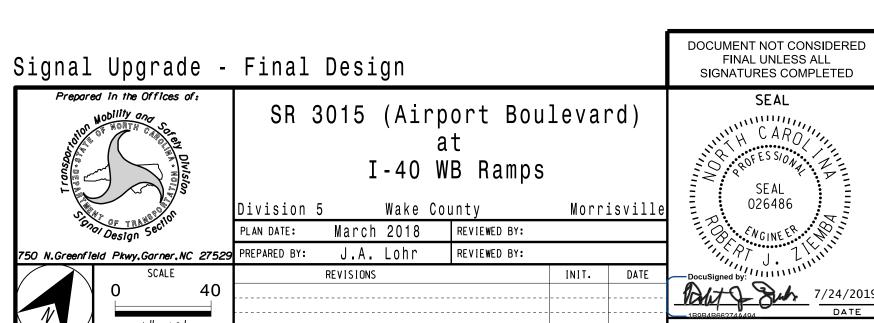
NOTES

- 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. Set all detector units to presence mode.
- 4. Program controller to start up in all red.
- 5. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
- 6. Cary signal system data: Fiber channel #: 26.



	_	_	
			·
	= =	=====	=====
		45	5 MPH -2%
T	IMING CH		
	2070EN2 C		
PHASE	04	Ø6	Ø8
MINIMUM GREEN *	12 sec.	12 SEC .	12 SEC .
VEHICLE EXT. *	2.0 SEC .	6.0 SEC .	2.0 SEC .
YELLOW CHANGE INT.	4.7 sec.	4.4 SEC.	4.7 SEC.
RED CLEARANCE	2.2 SEC .	3.2 SEC .	2.2 SEC .
MAX. 1 *	60 SEC .	60 SEC .	60 SEC .
MAX. 2 *	- SEC.	- SEC.	– SEC.
recall position	NONE	SOFT RECALL	NONE
LOCK DET.	OFF	OFF	OFF
WALK *	– SEC.	7 SEC.	– SEC.
PED. CLEAR	- SEC.	5 SEC .	– SEC.
VOLUME DENSITY	OFF	ON	OFF
ACTUATION B4 ADD *	– VEH.	– VEH.	– VEH.
SEC. PER ACTUATION *	– SEC.	– SEC.	– SEC.
MAX. INITIAL *	– SEC.	– SEC.	– SEC.

	LEGEND	
<u>PROPOSED</u>		EXISTING
\bigcirc	Traffic Signal Head	
O	Modified Signal Head	N/A
$\overline{}$	Sign	_
↓	Pedestrian Signal Head With Push Button & Sign	•
$\bigcirc \longrightarrow$	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
\geq	Controller & Cabinet	اد×_عا
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
\longrightarrow	Directional Arrow	\longrightarrow
—— DD ——	Directional Drill	N/A
N/A	Curb Ramp	
N/A	Guardrail	<u> </u>
0	Metal Pole with Mastarm	
$\langle A \rangle$	"YIELD" Sign (R1-2)	\triangle
⊕ Pe with	edestrian Crossing Sign (W11-2 n Diagonal Arrow Plaque (W16-	2) 7pL) 🖲
(C)	No Right Turn Sign (R3-1)	\bigcirc
	No U-Turn / No Left Turn Sign (R3-18)	0
E	No Left Turn Sign (R3-2)	E



SIMULTANEOUS GAP

50 **SEC**.

ON

3.0 **SEC**.

TIME B4 REDUCTION *

TIME TO REDUCE *

MINIMUM GAP

DUAL ENTRY