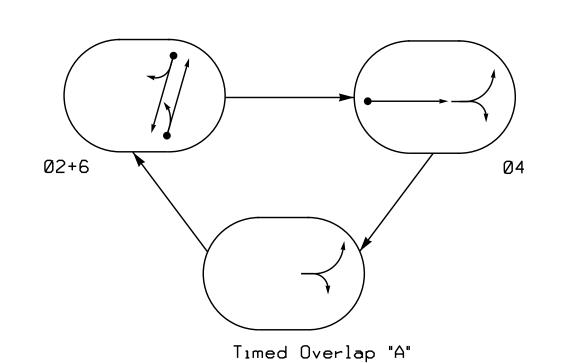


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

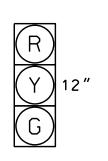
DETECTED MOVEMENT UNDETECTED MOVEMENT (OVERLAP) UNSIGNALIZED MOVEMENT

->	PEDESTRIAN	MOVEMENT

	TABLE OF OPERATION					
Γ		PHASE				
	SIGNAL FACE	©N+6	Ø 4	⊢O_L _Ğ	下一年のエ	
ſ	21, 22	G	R	R	R	
	41, 42	R	G	R	R	
	43, 44	R	G	G	R	
	61, 62	G	R	R	R	

SIGNAL	FACE	I.D.	
O + O 1 1/1 \ L	1 / 10 -	- . - .	

All Heads L.E.D.



21,	22
41,	42

43, 44 61,62

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART												
INDUCTIVE LOOPS DETECTOR PROGRAMMING												
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
2A	6X6	300	5	-	2	-	Y	-	1	1	ı	-
2B	6X40	0	2-4-2	-	2	Υ	Υ	Υ	2	5	ı	-
4A	6X40	0	2-4-2	-	4	Υ	Y	-	1	ı	ı	-
6A	6X6	300	5	-	6	-	Υ	_	-	-	ı	-
6B	6X6	0	2-4-2	_	6	Υ	Y	_	2	5	-	_

Direct Bury Lead-In

2 Phase Fully Actuated Isolated 750' From Stopbar

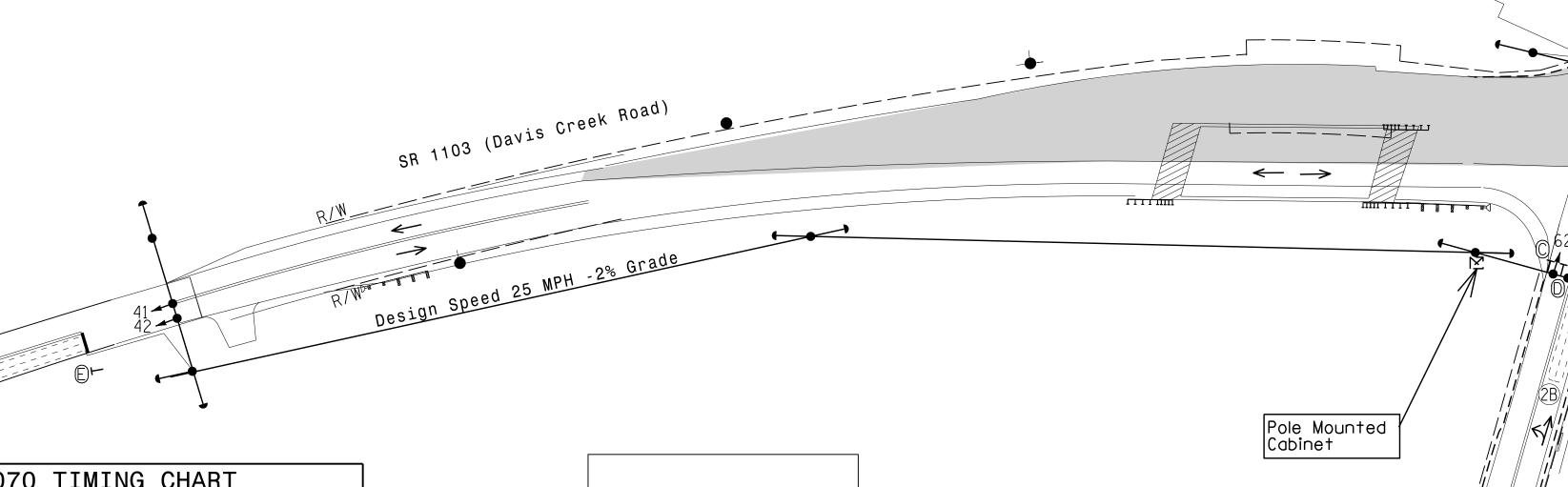
NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Reposition existing signal heads numbered 43 & 44.
- 4. Set all detector units to presence mode.
- 5. Program controller to start up in phase 2 red
- 6. Program all phases for rest red.

LEGEND

EXISTING

<u>PROPOSED</u>

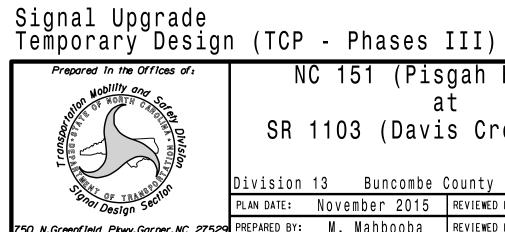


OASIS 2070 TIMING CHART							
PHASE							
FEATURE	2	4	6	TOL "A"			
Min Green 1 *	12	7	12	25			
Extension 1 *	6.0	2.0	6.0				
Max Green 1 *	70	20	70				
Yellow Clearance	4.5	3.0	4.5	3.0			
Red Clearance	25.0	25.0	25.0	1.4			
Red Revert	2.0	2.0	2.0	_			
Walk 1 *	-	-	-				
Don't Walk 1	-	-	-				
Seconds Per Actuation *	-	-	-				
Max Variable Initial *	-	-	-				
Time Before Reduction *	15	-	15				
Time To Reduce *	30	-	30				
Minimum Gap	3.0	-	3.0				
Recall Mode	-	-	-				
Vehicle Call Memory	YELLOW	-	YELLOW				
Dual Entry	ON	-	ON				
Simultana and Cana	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



\bigcirc	Traffic Signal Head	
O	Modified Signal Head	N/A
\dashv	Sign	\dashv
†	Pedestrian Signal Head With Push Button & Sign	•
\bigcirc	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	K K K
	Junction Box	
	2-in Underground Conduit —	
N/A	Right of Way —	
\longrightarrow	Directional Arrow	\longrightarrow
N/A	Guardrail	<u> </u>
	Construction Zone	
$\langle A \rangle$	Sign Ahead Warning Sign (W3-3) (See Figure - 1)	\triangle
B	"TEMPORARY SIGNAL" Plaque (See Figure - 1)	lack
(C)	"NO TURN ON RED" Sign (R10-11)	\mathbb{C}
$\langle \overline{D} \rangle$	"TEMPORARY SIGNAL" Sign	\bigcirc
(E)	"STOP HERE ON RED" Sign	E)
⟨⊑/	(R10-6)	



Direct Bury Lead-In

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED NC 151 (Pisgah Highway) SR 1103 (Davis Creek Road)

Division 13 Buncombe County Candler PLAN DATE: November 2015 REVIEWED BY: Z Little 750 N.Greenfield Pkwy.Garner.NC 27529 PREPARED BY: M. Mahbooba REVIEWED BY:

REVISIONS

INIT. DATE