



TABLE OF 0	PER	AT]	ON
PHASE			E
SIGNAL FACE	<b>©</b> N+6	<b>Q4+8</b>	止山⊄のエ
21, 22	G	R	Υ
41, 42	R	G	R
61, 62	G	R	Υ
81, 82	R	G	R

2070	L LO	OP 8	DET	E(	СТО	R	I	NS	T/	\LLA	TION	I
I	NDUCTI	VE LO	)PS		DI	ETE	CT	OR	PI	ROGRAI	MMING	
LOOP	SIZE (FT)	TURNS	DISTANCE FROM STOPBAR (FT)	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	SYSTEM LOOP	STRETCH TIME	DELAY TIME	NEW CARD
2A	6X6	4	70	-	2	Υ	Υ			-	-	-
4A	6X60	2-4-2	0	-	4	Υ	Υ	-	-		5	
6A	6X6	4	70	-	6	Υ	Υ	-	-	-		-
8.8	6X60	2-4-2	. 0		8	Υ	Υ	_	-	_	.5	-

35 MPH -2% Grade

S. Washington Street

SIDEWALK

2 Phase Fully Actuated (Isolated)

## **NOTES**

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2002 and "Standard Specifications for Roads and Structures" dated January 2002.
- 2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
- 3. Pavement markings are existing.
- 4. Set all detector units to presence mode.
- 5. Disconnect Loop 5A.

PLAN QUANT	TITEO
Pay Item	Feet
Signal Cable	_
Messenger Cable	_
Lead-in Cable	_

	<u>LEGEND</u>	
<u>PROPOSED</u>		<b>EXISTING</b>
$\bigcirc$	Traffic Signal Head	<b></b>
0	Modified Signal Head	N/A
<b>-</b>	Sign	_
	Pedestrian Signal Head With Push Button & Sign	
0	Signal Pole with Guy	
S	ignal Pole with Sidewalk Guy	
	Inductive Loop Detector	C
	Controller & Cabinet	الا × كا
	Junction Box	
	2—in Underground Conduit	
N/A	Right of Way	
$\longrightarrow$	Directional Arrow	$\longrightarrow$
	Pavement Marking Arrow	<b>→</b>

	2-in Undergroun
N/A	Right of

Signal	Upgrade	-	Final	Design
Propayed	in the Officer of			

	orghar opg. and	
1	Prepared in the Offices of:	
	Second Se	Di
	122 N. McDowell St., Raleigh, NC 27603	PR
	SCALE	

S.	Wa	shingto	n	Street
		at		
	W.	Allen	St	treet

	M. VIT	CH OLIG	Cr	
ivision	14 Henderson	County	Henderso	nville
.AN DATE:	March 2004	REVIEWED BY:	B L Wat	son
EPARED BY:	R N Mouberry	REVIEWED BY:		
	REVISIONS		INIT.	DATE

	S & OF ESSION AT THE
.11e	SEAL = 24393
1	24393  Noine Ed.
TE	(moths 1. Willa 3/23/04
	SIGNATURE DATE
	SIG. INVENTORY NO. 14-1161

## PHASING DIAGRAM DETECTION LEGEND

DETECTED MOVEMENT

UNDETECTED MOVEMENT (OVERLAP)

← − − > PEDESTRIAN MOVEMENT

UNSIGNALIZED MOVEMENT

SIGNAL FACE I.D. O Denotes L.E.D.

	12"
21, 22 41, 42 61, 62 81, 82	2

S. Washington Street

35 MPH +2% Grade Pole Mounted Cabinet Disconnect Loop 5A

Tie

2070L TIMING CHART						
PHASE						
FEATURE	2	4	6	8		
Min Green 1 *	10	7	10	7		
Extension 1 *	3 <b>.</b> 0	1.0	3.0	1.0		
Max Green 1 *	30	20	30	20		
Yellow Clearance	4.0	4.0	4.0	4.0		
Red Clearance	1.0	1.0	1.0	1.0		
Walk 1 *	-	-	-	-		
Don't Walk 1	_	-	-	<del>-</del>		
Seconds Per Actuation *		-	-	_		
Max Variable Initial *		-	-	-		
Time Before Reduction *			<b>-</b>	-		
Time To Reduce *	-	_	-	-		
Minimum Gap		-	<u>-</u>	-		
Recall Mode	MIN RECALL	_	MIN RECALL	_		
Vehicle Call Memory	YELLOW		YELLOW	-		
Dual Entry		ON	-	ON		

Dual Entry