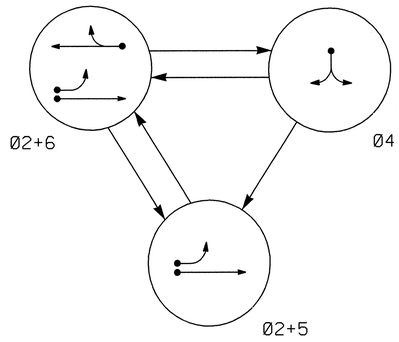
METRIC	PROJECT REFERENCE NO.	SHEET NO.
	U-2717	SIG.7

PHASING DIAGRAM



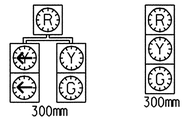
PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

TABLE OF OPERATION				
SIGNAL FACE	PHASE Ø2+5	PHASE Ø2+6	PHASE Ø4	FLASH
21	G	G	R	Y
22	G	G	R	Y
41,42	R	R	G	R
61,62	R	G	R	Y

SIGNAL FACE I.D.

Denotes L.E.D.



21

22
41,42
61,62

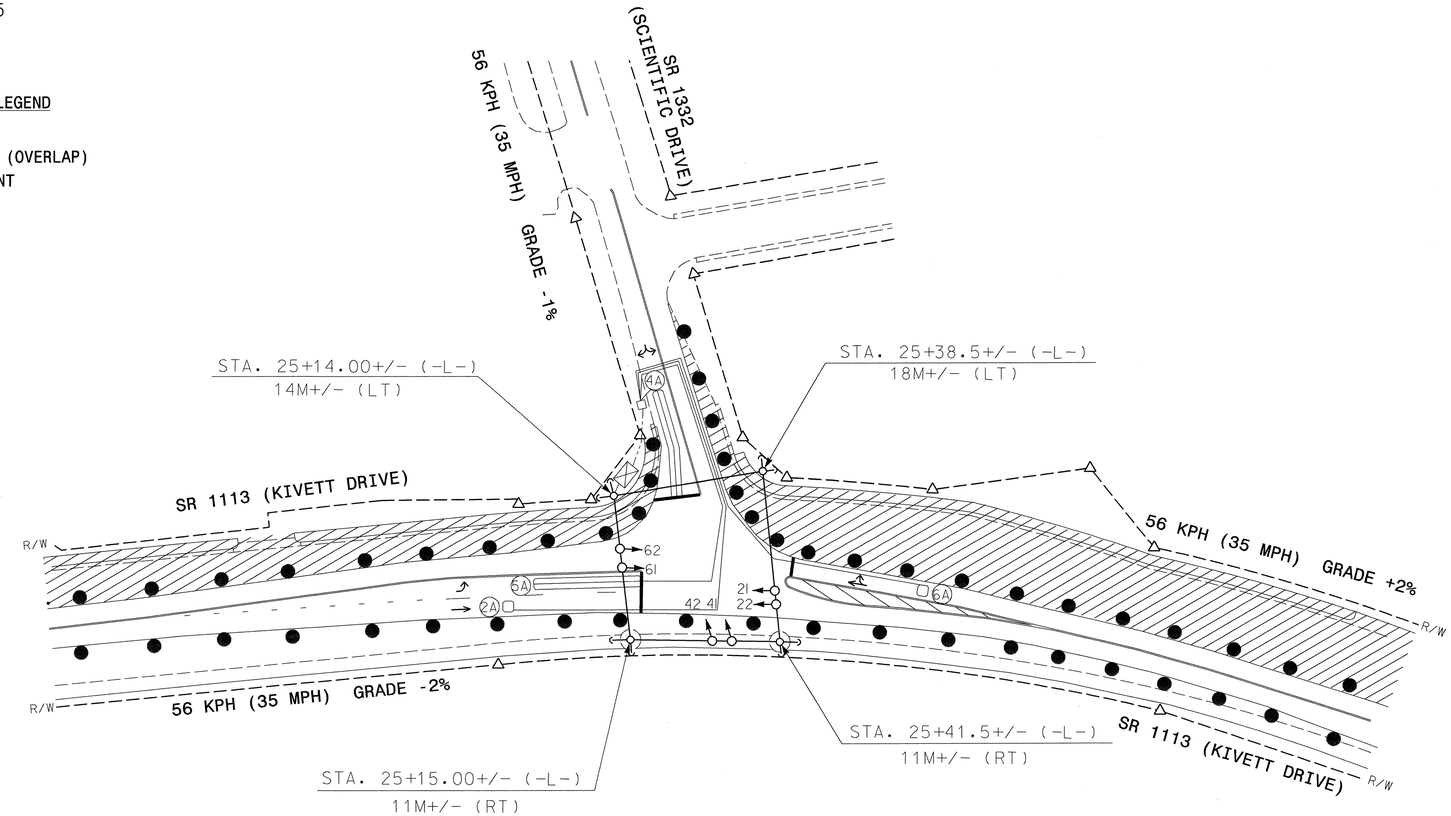
LOOP & DETECTOR UNIT INSTALLATION CHART
PEEK TS-2 CONTROLLER AND CABINET

INDUCTIVE LOOPS						DETECTOR UNITS						
LOOP NO.	SIZE (m)	TURNS	DIST. FROM STOPBAR (m)	NEW	EXISTING	NEMA PHASE	NEW	EXISTING	TIMING FEATURE	TIMING TIME	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
2A	1.8X1.8	4	21	X		Ø2	X		–	– SEC.	ALL	NO
4A	1.8X18	2-4-2	0	X		Ø4	X		DELAY	3 SEC.	ALL	YES
5A	1.8X18	2-4-2	0	X		Ø2	X		–	– SEC.	ALL	NO
						Ø5			DELAY	15 SEC.	ALL	YES
6A	1.8X1.8	4	21	X		Ø6	X		–	– SEC.	ALL	NO

3 Phase Actuated
(High Point City Signal System)

NOTES

1. REFER TO "ROADWAY STANDARD DRAWINGS NCDOT" - RALEIGH, NC, DATED JANUARY 2002 AND "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2002.
2. LOCATE NEW CABINET SO AS NOT TO OBSTRUCT SIGHT DISTANCE OF VEHICLES TURNING RIGHT ON RED.
3. MAXIMUM TIMES SHOWN IN TIMING CHART ARE FOR FREE-RUN OPERATIONS ONLY. COORDINATED SIGNAL SYSTEM TIMING VALUES SHALL SUPERSEDE THESE VALUES.
4. DO NOT PROGRAM SIGNAL FOR FOR LATE NIGHT FLASHING OPERATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. SET ALL DETECTOR UNITS TO PRESENCE MODE.
6. SIGNAL SYSTEM INTERSECTION ID # 709



PLAN QUANTITIES	
Pay Item	Meters
Signal Cable	155
Messenger Cable	90
Lead-in Cable	20

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Junction Box	
	50mm Underground Conduit	
	Directional Drill 2-50 mm Polyethylene Conduit	
N/A	Right of Way with Marker	
	Directional Arrow	
	Construction Zone	N/A
	Construction Barrels	N/A
	Controller & Cabinet	

TIMING CHART
PEEK TS-2 CONTROLLER AND CABINET

PHASE	Ø2	Ø4	Ø5	Ø6
MINIMUM GREEN	12 SEC.	7 SEC.	7 SEC.	12 SEC.
PASSAGE/GAP	2.0 SEC.	1.0 SEC.	3.0 SEC.	2.0 SEC.
YELLOW CHANGE INT.	4.0 SEC.	4.0 SEC.	4.0 SEC.	4.0 SEC.
RED CLEARANCE	2.0 SEC.	2.0 SEC.	1.0 SEC.	2.0 SEC.
MAXIMUM 1	50 SEC.	25 SEC.	15 SEC.	50 SEC.
RECALL POSITION	MIN. RECALL	NONE	NONE	MIN. RECALL
VEHICLE CALL MEMORY	LOCK	NONLOCK	NONLOCK	LOCK

TEMPORARY SIGNAL - TCP PHASE 1-3

PLANS PREPARED BY :
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FOR
DIVISION OF HIGHWAYS

Prepared for the Offices of:
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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signals and Geometrics Section
122 N. McDowell St., Raleigh, NC 27603

SR 1113 (KIVETT DRIVE)
AT
SR 1332 (SCIENTIFIC DRIVE)

DIVISION 07 GUILFORD COUNTY HIGH POINT
PLAN DATE: 03-19-04 REVIEWED BY: D. MORTON
PREPARED BY: J. COLE RK&K PROJECT NO. 302-079-SIG5

SCALE 5 0 10
1 : 500

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 19798 ENGINEER DONALD W. MORTON
SIGNATURE 6-15-04 DATE

SIG. INVENTORY NO. 07-0856T