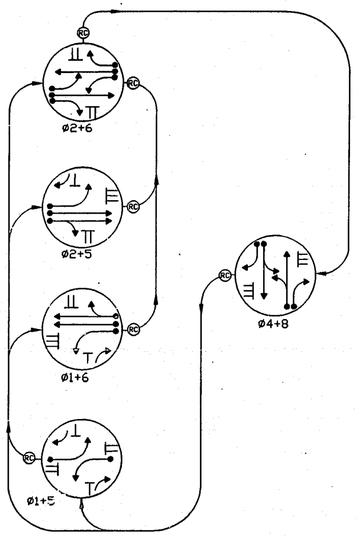
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	4
F.A. PROJ. NO.			
PROJECT ID NO.			

PHASING DIAGRAM



5Ø
FULLY ACTUATED
(SYSTEM)

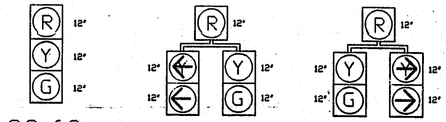
PHASING DIAGRAM
DETECTION LEGEND

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

COLOR SEQUENCE CHART

SIGNAL FACE	ø2+6 R/W	ø2+6 CLEAR ø4+8 1	ø2+6 CLEAR ø4+8 2	ø4+8 R/W	ø4+8 CLEAR ø2+6 1	ø4+8 CLEAR ø2+6 2	ø4+8 CLEAR ø1+5 1	ø4+8 CLEAR ø1+5 2	ø4+8 CLEAR ø1+6 1	ø4+8 CLEAR ø1+6 2	ø4+8 CLEAR ø2+5 1	ø4+8 CLEAR ø2+5 2	ø1+5 R/W	ø1+5 CLEAR ø2+6 1	ø1+5 CLEAR ø2+6 2	ø1+5 CLEAR ø1+6 1	ø1+5 CLEAR ø1+6 2	ø1+5 CLEAR ø2+5 1	ø1+5 CLEAR ø2+5 2	ø1+6 R/W	ø1+6 CLR ø2+6 1	ø1+6 CLR ø2+6 2	ø2+5 R/W	ø2+5 CLR ø2+6 1	ø2+5 CLR ø2+6 2	FLASH	SIGNAL FACE
21	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	21
61	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	R	R	R	Y	61
22	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	22
62	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	Y	62
41	R	R	R	G	Y	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	41
42	R	R	R	G	Y	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	42
81	R	R	R	G	Y	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	81
82	R	R	R	G	Y	R	Y	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	82

SIGNAL FACE I.D.



22,62
41,81

21,61

42,82

TIMING CHART

PHASE	ø1	ø2	ø4	ø5	ø6	ø8
MINIMUM GREEN	7.0 SEC.	12.0 SEC.	7.0 SEC.	7.0 SEC.	12.0 SEC.	7.0 SEC.
PASSAGE/GAP	1.0 SEC.	2.0 SEC.	1.0 SEC.	1.0 SEC.	2.0 SEC.	1.0 SEC.
YELLOW CHANGE INT.	4.5 SEC.	4.5 SEC.	4.0 SEC.	4.5 SEC.	4.5 SEC.	4.0 SEC.
RED CLEARANCE	1.7 SEC.	1.8 SEC.	1.8 SEC.	1.4 SEC.	1.8 SEC.	1.8 SEC.
MAX. 1	15.0 SEC.	70.0 SEC.	20.0 SEC.	15.0 SEC.	70.0 SEC.	20.0 SEC.
MAX. 2	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.	- SEC.
RECALL POSITION	NONE	MIN. RECALL	NONE	NONE	MIN. RECALL	NONE
VEHI. CALL MMORY	NONLOCK	LOCK	NONLOCK	NONLOCK	LOCK	NONLOCK

98-SP-183
APPROVED
TBS 8/31/99
JFP 9/2/99

Ramey Kemp & Associates
Engineers
4928-A Windy Hill Drive Raleigh, NC 27609
(919) 872-5115 fax (919) 878-5416

WESTON PARKWAY
AT
SR 3091 (HARRISON OAKS BLVD.)/
RENAISSANCE PLACE

DIVISION 05 WAKE COUNTY CARY

REVISIONS	INIT.	DATE

N.C. DEPARTMENT of TRANSPORTATION
DIVISION of HIGHWAYS
TRAFFIC ENGINEERING BRANCH

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 19713 ENGINEER DONALD J. DAITY
Donald J. Daity 7/12/99
SIGNATURE DATE

SCALE: 1" = 40' DATE: 7/12/99
PREPARED BY: CET/DJD
REVIEWED BY: RFK
RKA JOB # 98083.40
S/G INV. NO. 05-1896