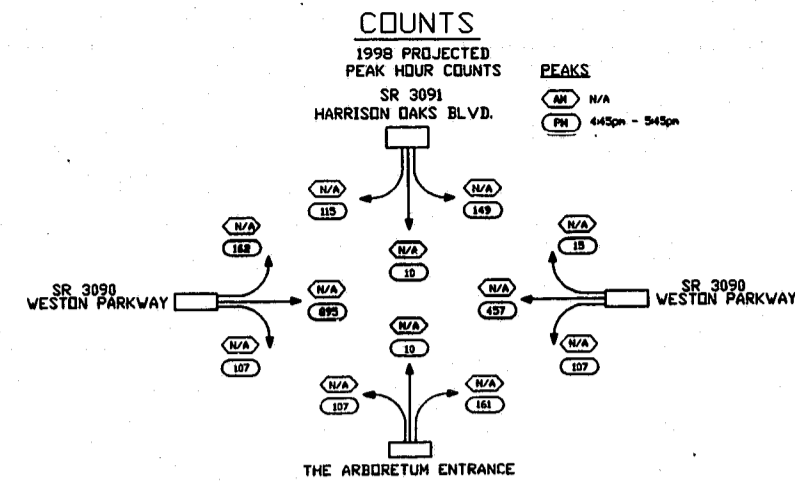
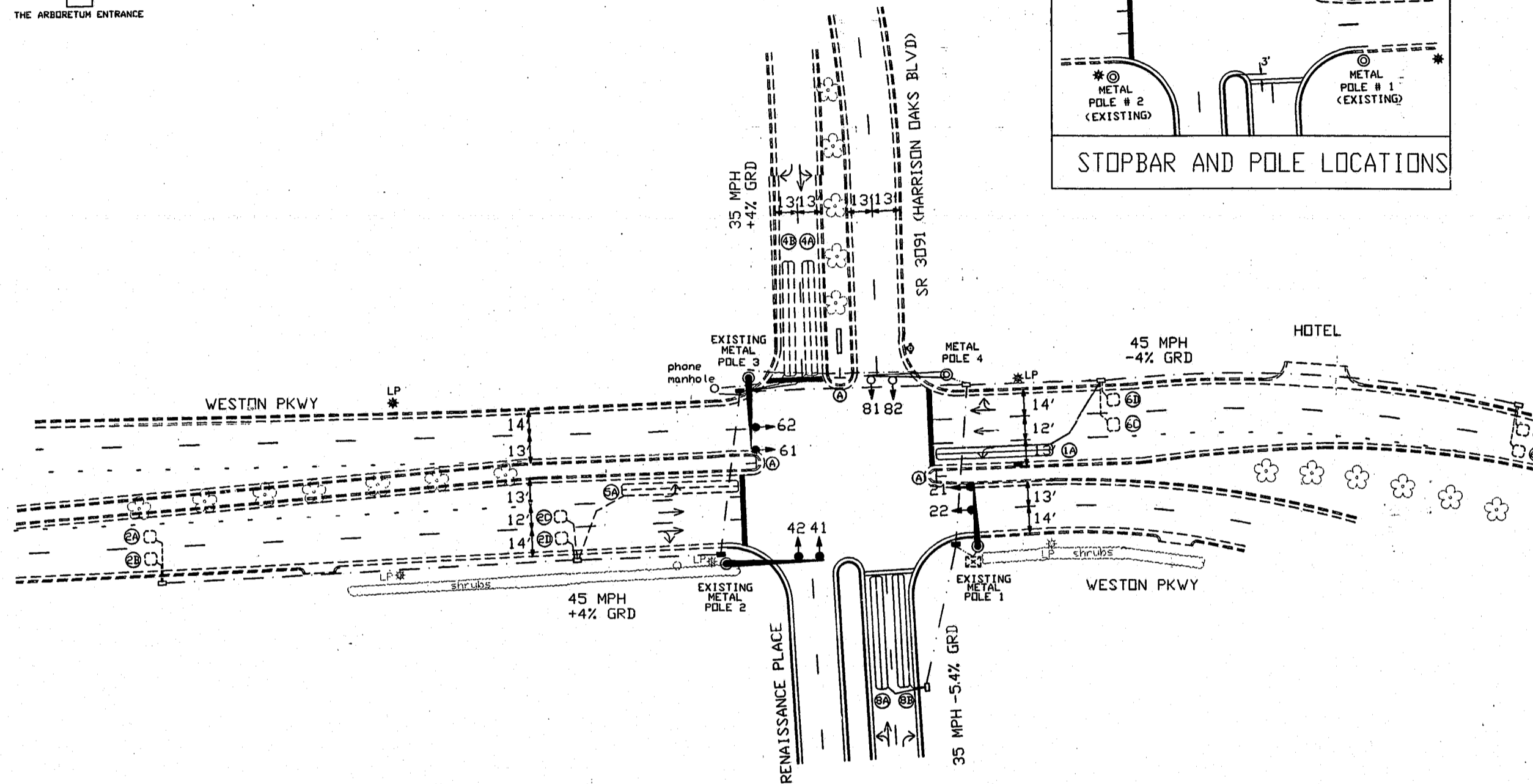
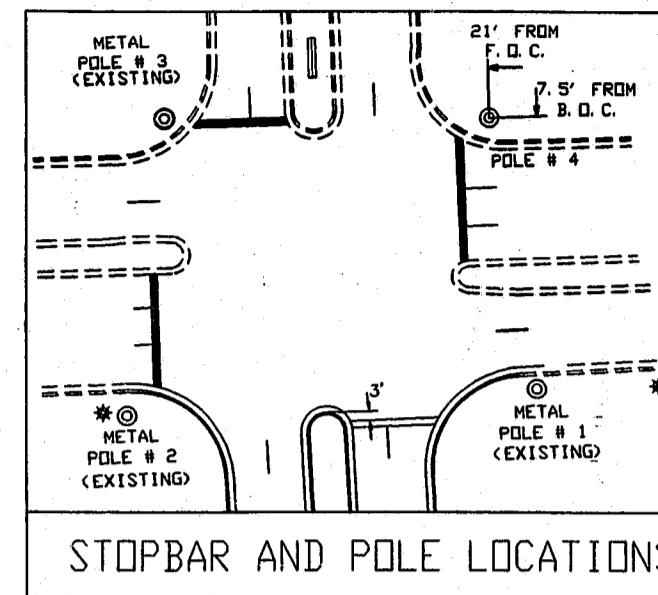


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	4
F.A. PROJ. NO.			
PROJECT ID NO.			



NOTES

1. SIGNAL UPGRADE
2. NEW POLES TO BE LOCATED A MINIMUM OF 6 FEET BEHIND FACE OF CURB AND/OR 10 FEET FROM EDGE OF TRAVEL WAY UNLESS OTHERWISE SHOWN ON THE PLANS.
3. ALL UNDERGROUND UTILITIES SHALL BE LOCATED PRIOR TO POLE DRILLING AND CONDUIT TRENCHING.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 1993 NCDOT TRAFFIC SIGNAL SPECIFICATIONS, AND ANY SUBSEQUENT ADDENDA.
5. OMIT PHASE 1 DURING PHASE 2 ON.
6. OMIT PHASE 5 DURING PHASE 6 ON.
7. CABINET SHALL BE WIRED TO ALLOW THE CONTROLLER TO CLEAR FROM PHASE 2+6 TO PHASE 1 AND/ OR 5 BY PROGRESSING THROUGH PHASE 4+8 (SEE ELECTRICAL DETAILS FOR WIRING).
8. SIGNAL TO FLASH FROM 11:00 PM UNTIL 6:00 AM UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

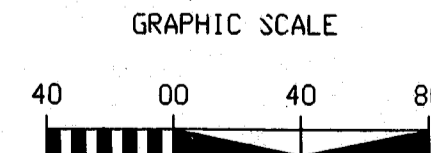
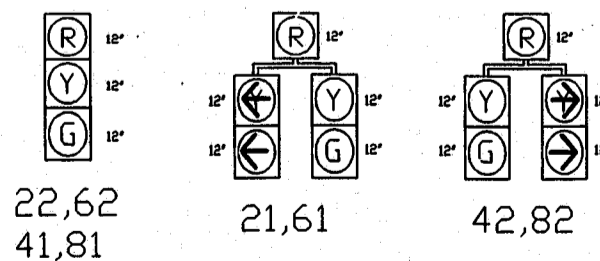


PROPOSED	LEGEND	EXISTING
	TRAFFIC SIGNAL HEADS	
	MODIFIED TRAFFIC SIGNAL HEAD	N/A
	METAL POLE WITH MAST ARM	
	SIGNAL POLE WITH GUY	
	SIGNAL POLE WITH SIDEWALK GUY	
	INDUCTIVE LOOP DETECTOR	
	LOOP DETECTOR PULL BOX	
	2" UNDERGROUND CONDUIT	
	INTERCONNECT CABLE (HARDWIRE)	
	RIGHT OF WAY WITH MARKER	
	DIRECTIONAL ARROW	
	PAVEMENT MARKING ARROW	
	CONTROLLER & CABINET	
	KEEP RIGHT SIGN (R4-7A)	
	STOP BAR	

LOOP & DETECTOR UNIT INSTALLATION CHART

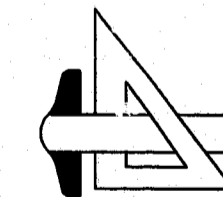
INDUCTIVE LOOPS					DETECTOR UNITS									
LOOP NO.	SIZE	TURNS	DIST. FROM STOPBAR	NEW	UNIT NO.	NEW	EXISTING	CHANNEL	NEMA PHASE	PULSE	TIMING	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN	
											FEATURE	TIME		
2A, 2B	6' X 6'	5	300'	X	1	X		1	02	X	EXTEND	1.75 SEC.	ALL	NO
2C, 2D	6' X 6'	4	90'	X	1	X		2	02	X			ALL	NO
5A	6' X 60'	2-4-2	0'	X	2	X		1	05	X	C. DELAY	20 SEC.	ALL	YES
4A	6' X 60'	2-4-2	0'	X	3	X		2	02	X	C. DELAY	3 SEC.	ALL	NO
4B	6' X 60'	2-4-2	0'	X	3	X		2	04	X	C. DELAY	15 SEC.	ALL	YES
6A, 6B	6' X 6'	5	300'	X	4	X		1	06	X	EXTEND	1.75 SEC.	ALL	NO
6C, 6D	6' X 6'	4	90'	X	4	X		2	06	X			ALL	NO
1A	6' X 60'	2-4-2	0'	X	5	X		1	01	X	C. DELAY	20 SEC.	ALL	YES
8A	6' X 60'	2-4-2	0'	X	6	X		2	06	X	C. DELAY	3 SEC.	ALL	NO
8B	6' X 60'	2-4-2	0'	X	6	X		1	08	X			ALL	NO
								2	08	X	C. DELAY	15 SEC.	ALL	YES

SIGNAL FACE I.D.



PLANS SR-183  
APPROVED  
8/21/99  
JPP 7/12/99

Ramey Kemp & Associates



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

SEAL  
NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
DONALD J. DUBO  
7/12/99

SIGNATURE DATE  
David J. Dubs 7/12/99

SCALE: 1" = 40' DATE: 7/12/99

PREPARED BY: CET/BJD  
REVIEWED BY: RFK  
RKA JOB # 98083.40  
S/C INV. NO. 05-1896

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