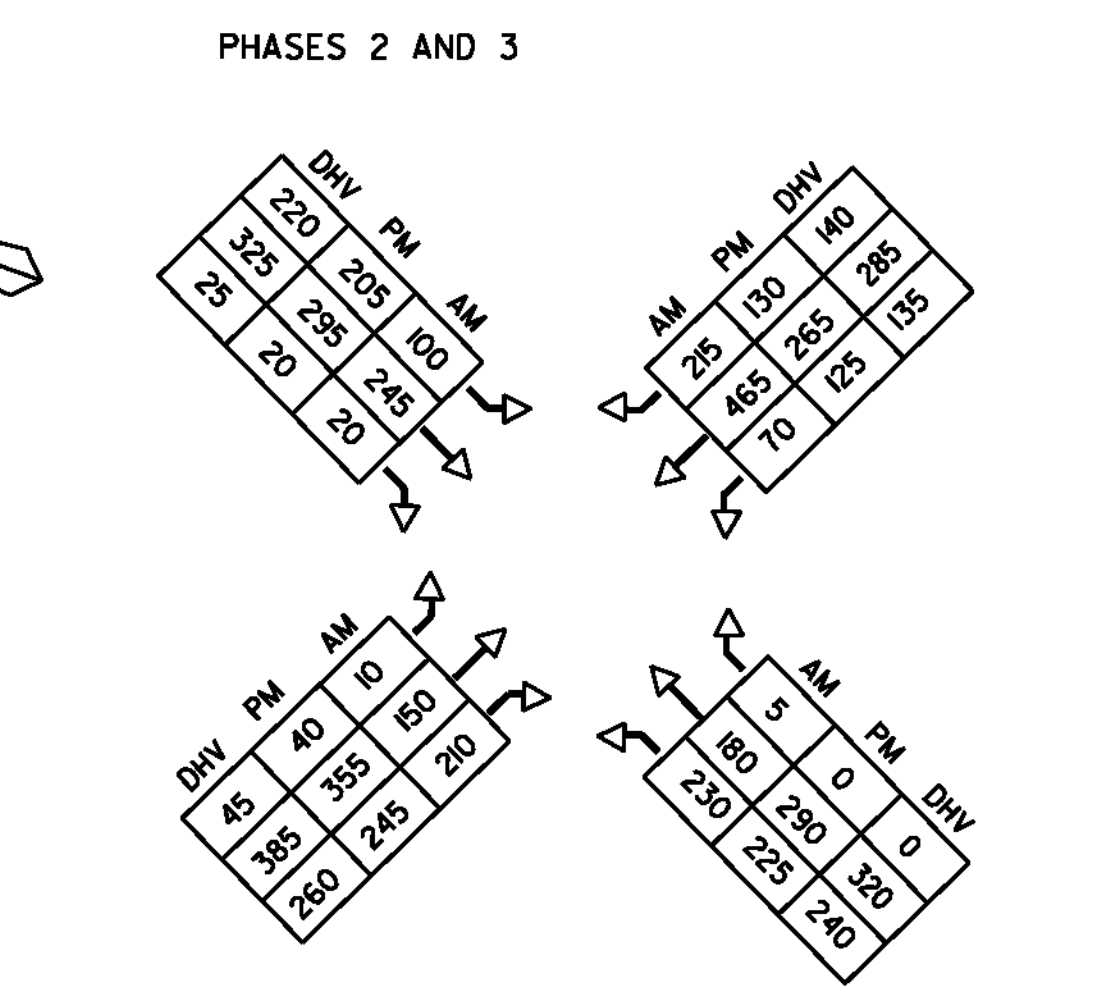
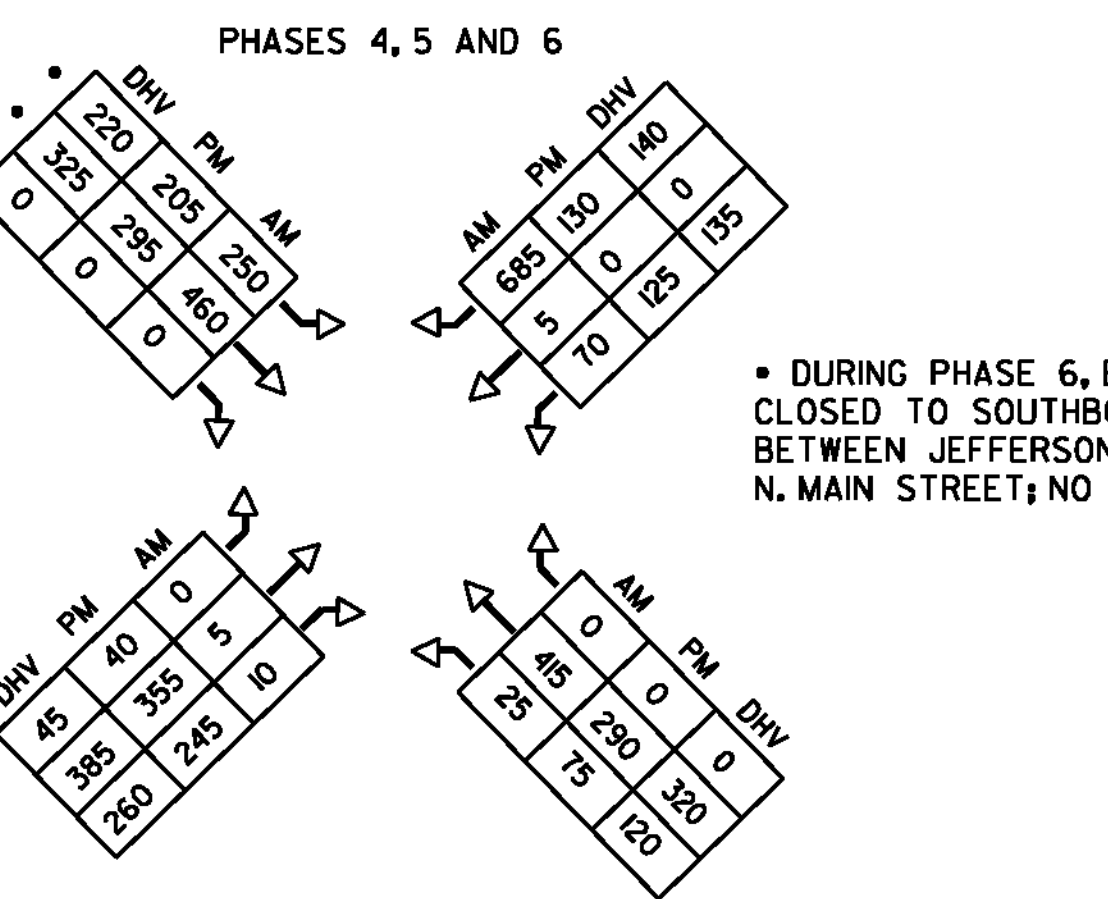


**2011 AVERAGE WEEKDAY TRAFFIC DATA**



**2011 AVERAGE WEEKDAY TRAFFIC DATA**

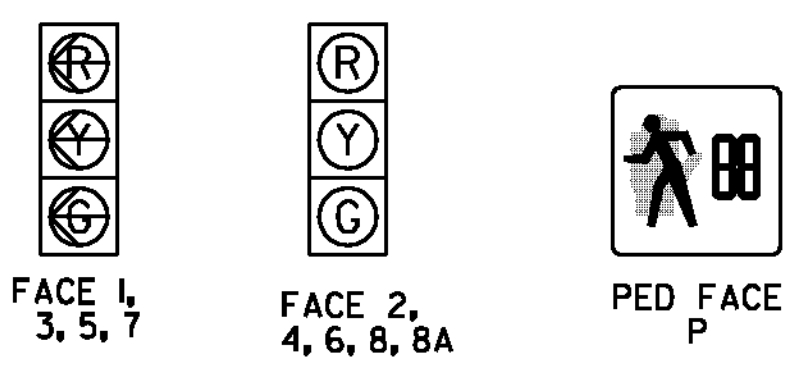


**LIST OF MAJOR EQUIPMENT**

EQUIPMENT ITEM 678.40	QUANTITY
RELOCATE TRAFFIC SIGNAL HEAD	1
MODIFY VIDEO DETECTION ZONE	1

**EXISTING SIGNAL FACE ARRANGEMENT**

(12" LED LENSES W/ 5" BACKPLATES)



AT THE COMPLETION OF THE SEWER LINE CONSTRUCTION, REINSTALL SIGNAL HEAD 4 IN ORIGINAL POSITION IN ACCORDANCE WITH CROSS-SECTION ON SHEET 169.

**EXISTING DETECTION SCHEDULE -- SEE SHEET 167**

**LEGEND**

RELOCATE	EXISTING	LEGEND
		CONTROLLER CABINET
		SIGNAL HEAD
		CONDUIT
		OPTICAL DETECTION ZONE
		PEDESTAL POST
		STANCHION
		EMERGENCY VEHICLE PREEMPTION STROBE
		EMERGENCY VEHICLE PREEMPTION RECEIVER
		PEDESTRIAN PUSH BUTTON
		PULL BOX
		OVERHEAD SIGN
		RADIO ANTENNA
		OPTICAL DETECTION
		MAST ARM
		SIGNAL MONOTUBE STRUCTURE

**PROGRAM PERIODS OF OPERATION**

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
	AM												PM											
SUNDAY	4																							
MONDAY	4	1	2	1	3	1	4																	4
TUESDAY	4	1	2	1	3	1	4																	4
WEDNESDAY	4	1	2	1	3	1	4																	4
THURSDAY	4	1	2	1	3	1	4																	4
FRIDAY	4	1	2	1	3	1	4																	4
SATURDAY	4																							

NOTES:  
 PLAN 1 - MIDDAY (MAXIMUM 1): 6:00 AM TO 7:00 AM, M-F  
 9:00 AM TO 3:00 PM, M-F  
 6:00 PM TO 10:00 PM, M-F  
 PLAN 2 - AM PEAK (MAXIMUM 2): 7:00 AM TO 9:00 AM, M-F  
 PLAN 3 - PM PEAK (MAXIMUM 3): 3:00 PM TO 6:00 PM, M-F  
 PLAN 4 - OFFPEAK (MAXIMUM 1): MIDNIGHT TO 6:00 AM, M-F  
 10:00 PM TO MIDNIGHT, M-F  
 ALL DAY SATURDAYS AND SUNDAYS

**COORDINATION CYCLE/SPLIT OFFSET SCHEDULE CONSTRUCTION PHASES 2 AND 3**

	PLAN 1	PLAN 2	PLAN 3	PLAN 4
CYCLE LENGTH	80	90	80	FREE
COS	III	121	131	-
OFFSET	0	0	0	-
SPLIT TIME 01	17	19	17	-
SPLIT TIME 02	27	27	27	-
SPLIT TIME 03	II	II	II	-
SPLIT TIME 04	25	33	25	-
SPLIT TIME 05	15	16	17	-
SPLIT TIME 06	29	30	27	-
SPLIT TIME 07	II	14	II	-
SPLIT TIME 08	25	30	25	-

COORDINATION NOTES:  
 I, OFFSET IS REFERENCED TO BEGINNING OF THE COORDINATED PHASE (0I, NBL)

**COORDINATION CYCLE/SPLIT OFFSET SCHEDULE CONSTRUCTION PHASES 4 THROUGH 6**

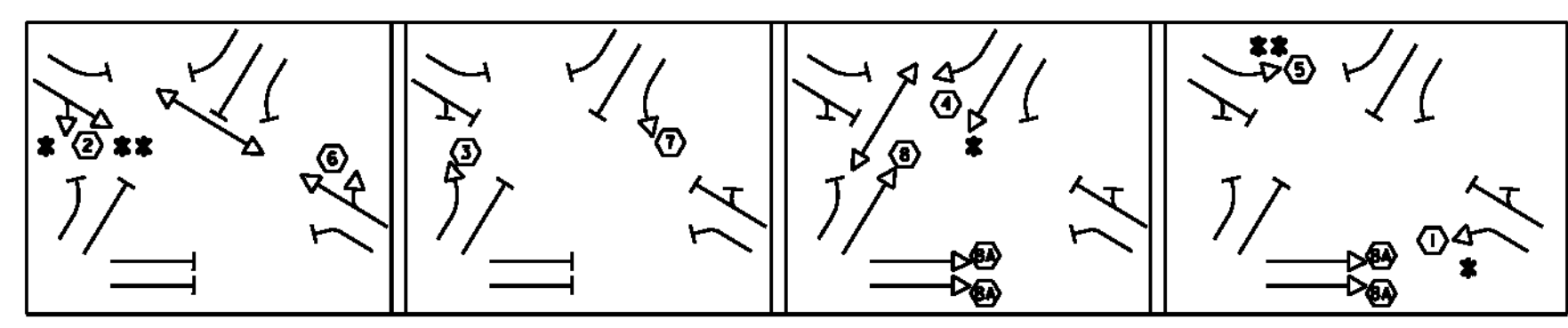
	PLAN 1	PLAN 2	PLAN 3	PLAN 4
CYCLE LENGTH	80	90	80	FREE
COS	III	121	131	-
OFFSET	0	0	0	-
SPLIT TIME 01	II	12	17	-
SPLIT TIME 02	38	33	27	-
SPLIT TIME 03	II	13	II	-
SPLIT TIME 04	20	32	25	-
SPLIT TIME 05	20	24	17	-
SPLIT TIME 06	29	21	27	-
SPLIT TIME 07	II	16	II	-
SPLIT TIME 08	20	29	25	-

COORDINATION NOTES:  
 I, OFFSET IS REFERENCED TO BEGINNING OF THE COORDINATED PHASE (0I, NBL)

**EQUIPMENT NOTES**

- (A) SEE SHEETS 172 AND 182-188 FOR ADDITIONAL DETAILS FOR TRAFFIC CONTROL, CONSTRUCTION AND PHASING.
- (B) FOR SIGN DETAILS, SEE SHEETS 96 THROUGH 109.
- (C) FOR PERMANENT SIGNAL DETAILS, SEE SHEETS 168 THROUGH 170.

**SIGNAL PHASING**



- W = WALK, FD = FLASHING DON'T WALK, DW = DON'T WALK, B = BLANK, FR = FLASHING RED, FY = FLASHING YELLOW
- FACE NUMBERS ARE BASED ON NEMA PHASES
  - ALL LEFT-TURN PHASES SHALL OPERATE UNDER PROTECTED LEFT-TURN PHASING.
  - EASTBOUND RIGHT TURNS (8A) SHALL OVERLAP PHASE 1
  - OMIT SIGNAL MOVEMENTS FOR CONSTRUCTION PHASES 4 THROUGH 6.
  - OMIT ALL ELM STREET MOVEMENTS FOR CONSTRUCTION PHASE 6.

DATUM

VERTICAL	NAVD 1929
HORIZONTAL	NAD 27



**VHB** Vanasse Hangen Brustlin, Inc.

**TEMPORARY TRAFFIC SIGNAL SYSTEM NORTH MAIN ST AND ELM ST/WASHINGTON ST**

PROJECT NAME:	BARRE CITY	PLOT DATE:	3/31/2011
PROJECT NUMBER:	FEGC F 026-(134) C/2	DRAWN BY:	DMP / JAR
FILE NAME:	z85b010_TEMP53.dgn	DESIGNED BY:	DMP / MDS
PROJECT LEADER:	G. BAKOS	CHECKED BY:	
TEMPORARY TRAFFIC SIGNAL PLAN		SHEET	192 OF 339