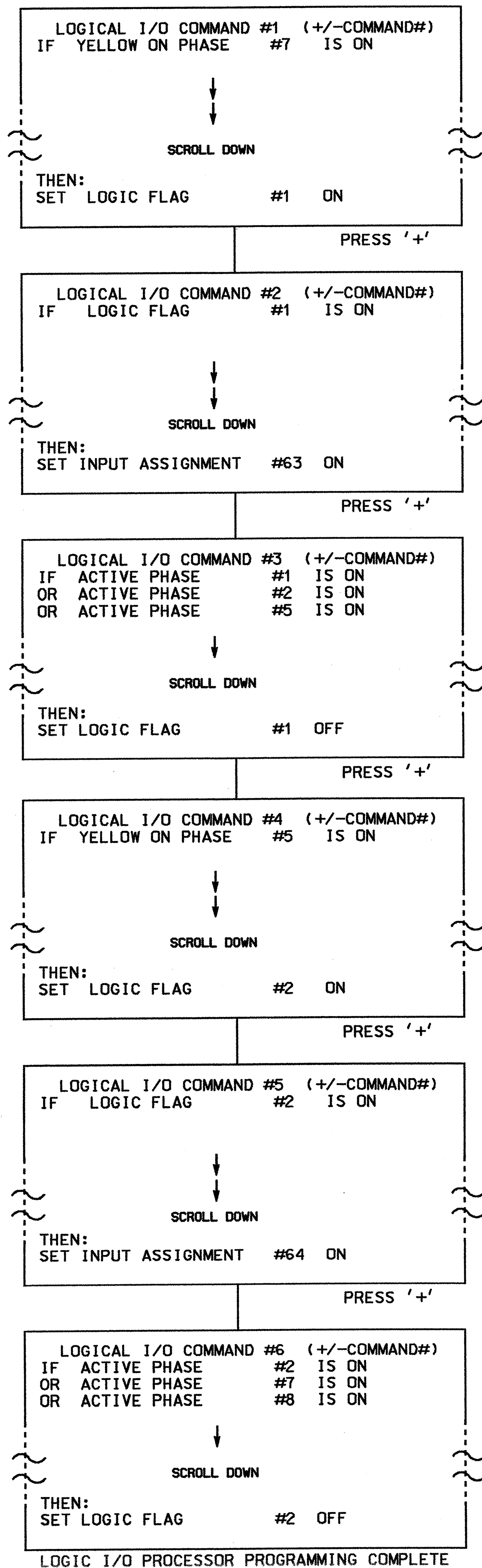


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL

(program controller as shown below)

- FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1-6.
- FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).
- THE PROGRAMMING SHOWN BELOW IS NECESSARY FOR SIGNALS TO OPERATE AS SHOWN ON THE SIGNAL DESIGN PLANS.



INPUT ASSIGNMENT PROGRAMMING DETAIL FOR SPECIAL SEQUENCE OPERATION

(program controller as shown below)

- FROM MAIN MENU PRESS '5' (INPUTS).
- WITH CURSOR IN "INPUT ASSIGNMENT #" FIELD, USE + OR - KEY TO FIND THE INPUT ASSIGNMENT NUMBER 63, AS SHOWN BELOW.
- PROGRAM CONTROLLER AS SHOWN:

STEP 1

PAGE:1 C1 PIN:0 NOT ENABLED
INPUT ASSIGNMENT #.....63
DEBOUNCE TIME (0-25.5 SEC).....0.0
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED.....Y
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)..... OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)..
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)..
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y

SCROLL DOWN TO VIEW ALL DATA

EXISTING DEFAULT PROGRAMMING (IGNORE FOR NOW)

STEP 2

AFTER SELECTION IS MADE, THE PHASE CONTROL FUNCTIONS TABLE APPEARS. SCROLL DOWN ON THIS TABLE AND FIND "OMIT PHASE", THEN SELECT PHASE 7 "OMIT PHASE".

AFTER SELECTION IS MADE PRESS "Esc"

SCREEN NOW APPEARS AS SHOWN TO THE RIGHT.
(PROGRAMMING COMPLETE)

STEP 3

PAGE:1 C1 PIN:0 OVERRIDE PHASE CONTROL
INPUT ASSIGNMENT #.....63
DEBOUNCE TIME (0-25.5 SEC).....0.0
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED.....
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)..... OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)..
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)..
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y

STEP 1

PAGE:1 C1 PIN:0 NOT ENABLED
INPUT ASSIGNMENT #.....64
DEBOUNCE TIME (0-25.5 SEC).....0.0
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED.....Y
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)..... OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)..
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)..
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y

SCROLL DOWN TO VIEW ALL DATA

EXISTING DEFAULT PROGRAMMING (IGNORE FOR NOW)

STEP 2

AFTER SELECTION IS MADE, THE PHASE CONTROL FUNCTIONS TABLE APPEARS. SCROLL DOWN ON THIS TABLE AND FIND "OMIT PHASE", THEN SELECT PHASE 5 "OMIT PHASE".

AFTER SELECTION IS MADE PRESS "Esc"

SCREEN NOW APPEARS AS SHOWN TO THE RIGHT.
(PROGRAMMING COMPLETE)

STEP 3

PAGE:1 C1 PIN:0 OVERRIDE PHASE CONTROL
INPUT ASSIGNMENT #.....64
DEBOUNCE TIME (0-25.5 SEC).....0.0
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED.....
VEHICLE DETECTOR (1-64).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....
INVERTED PREEMPT (1-10).....
STOP TIME (Y/N).....
FLASH SENSE (Y/N).....
DOOR OPEN (Y/N).....
MANUAL CONTROL ENABLE (Y/N).....
MANUAL CONTROL ADVANCE (Y/N).....
SPECIAL FUNCTION ALARM (1-8).....
TOD HOUR SYNCHRONIZATION (0-23).....
FORCE OFF RING (1-4).....
HOLD PHASES (1-16).....
PLAN (65=FLSH,66=FREE)..... OFFSET#..
CHANGE PHASE SEQUENCE PAGE (1-12)..
CHANGE PHASE TIMING PAGE (1-4).....
CHANGE PHASE CONTROL PAGE (1-4).....
CHANGE OVERLAP CONTROL PAGE (1-4)..
CHANGE INPUT PAGE (1-4).....
CHANGE OUTPUT PAGE (1-4).....
OVERRIDE PHASE CONTROL FUNCTION (Y).Y

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 01-0738T1, 01-0738T2 AND 01-0738T3. DESIGNED: JANUARY 2004 SEALED: 02/19/04 REVISED:

NEW INSTALLATION - TEMPORARY 1, 2 & 3 - SHEET 2 OF 2

	<p>US 264 AT SR 1315 (SWAMP ROAD) AND BRIDGES 52 AND 54</p>										
	<p>DIVISION 01 PLAN DATE: FEBRUARY 2004 PREPARED BY: JAMES PETERSON</p>	<p>HYDE COUNTY REVIEWED BY: <i>R. H. H.</i> REVIEWED BY:</p>		<p>NEAR ENGELHARD DATE</p>							
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			NO.	DATE	INIT.	DATE					<p><i>James C. Brown</i> DATE SIG. INVENTORY NO. 01-0738</p>
NO.	DATE	INIT.	DATE								

25-FEB-2004 11:48
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jpeterson