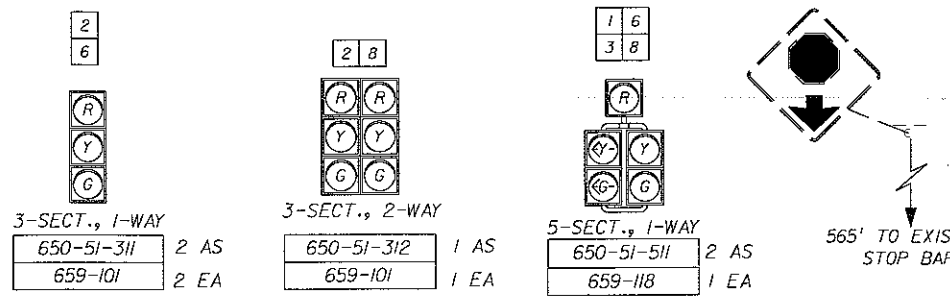
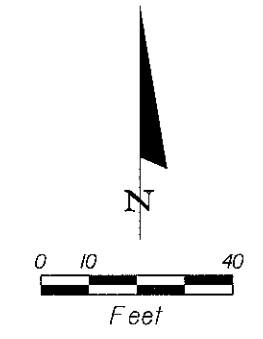
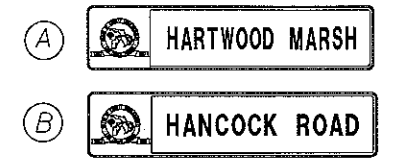


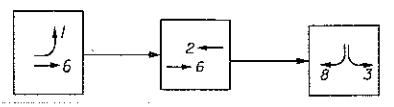
SIGNAL HEAD DETAILS



STREET NAME SIGN DETAILS



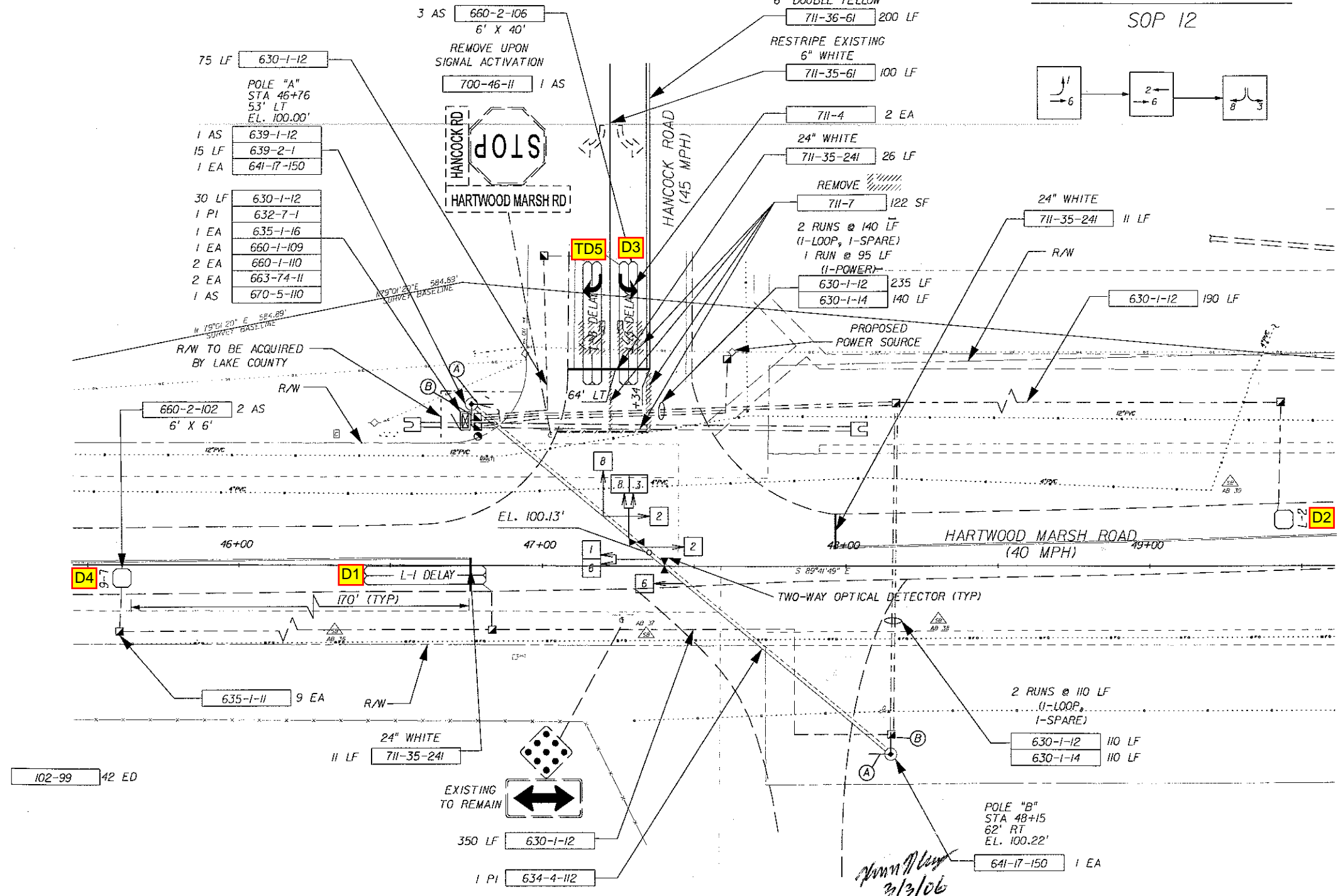
SIGNAL OPERATING PLAN
SOP 12



NOTES:

1. THE MAJOR STREET IS HARTWOOD MARSH ROAD. THE MINOR STREET IS HANCOCK ROAD.
2. QUANTITIES FOR ELECTRICAL SERVICE WIRE AND THE ASSOCIATED CONDUIT HAVE BEEN ESTIMATED PENDING PHYSICAL LOCATION OF THE SERVICE POINT PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL PROVIDE SIGNAL CABLE THAT IS SUFFICIENT TO ACCOMMODATE A FUTURE 8-PHASE INTERSECTION.
4. CONTRACTOR SHALL WIRE INTERSECTION TO PROVIDE PROVISIONS FOR FUTURE SIGNAL HEADS (SEE SHEET T-5). COSTS SHALL BE INCLUDED UNDER PAY ITEM NUMBER 634-4-112.
5. CONTROLLER ASSEMBLY SHALL BE WIRED AND CAPABLE OF SOP 10 OPERATION.
6. PAY ITEM NO. 102-99 INCLUDES ONE VARIABLE MESSAGE SIGN FOR EACH APPROACH (TOTAL OF THREE APPROACHES) FOR A TOTAL OF 14 DAYS EACH TO READ "CAUTION CAUTION CAUTION" ON PANEL ONE AND "NEW SIGNAL AHEAD" ON PANEL TWO.
7. ASSUMED ELEVATION OF POLE A IS 100'.

SUGGESTED CONTROLLER TIMINGS								
TIMING FUNCTIONS	1	2	3	4	5	6	7	8
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
INITIAL	5	16	15	-	-	16	-	15
EXTENSION	3.5	3.5	3.0	-	-	3.5	-	3.0
MAXIMUM GREEN I	25	50	45	-	-	50	-	45
MAXIMUM GREEN II	-	-	-	-	-	-	-	-
YELLOW CLEARANCE	4.0	4.0	4.5	-	-	4.0	-	4.5
RED CLEARANCE	1.0	1.0	1.0	-	-	1.0	-	1.0
PED. WALK	-	-	-	-	-	-	-	-
FDW	-	-	-	-	-	-	-	-
MIN. RECALL	-	MIN	-	-	-	MIN	-	-
DETECTOR FUNCTION	NL	LOCK	NL	-	-	LOCK	-	NL



John A. Lee
3/13/06

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

HNTB CORPORATION
300 PRIMAVERA BOULEVARD, SUITE 200
LAKE HAVY, FL 33745
(407) 805-0355
CERT. OF AUTH. NO. 6500

LAKE COUNTY TRAFFIC ENGINEERING DEPARTMENT

ROAD NO.	COUNTY	PROJECT NO.
HARTWOOD MARSH ROAD	LAKE	0023795

ENGINEER OF RECORD: KEVIN R. CAREY, PE
FL REGISTRATION NO. 61635

SIGNALIZATION PLAN

SHEET NO. T-4