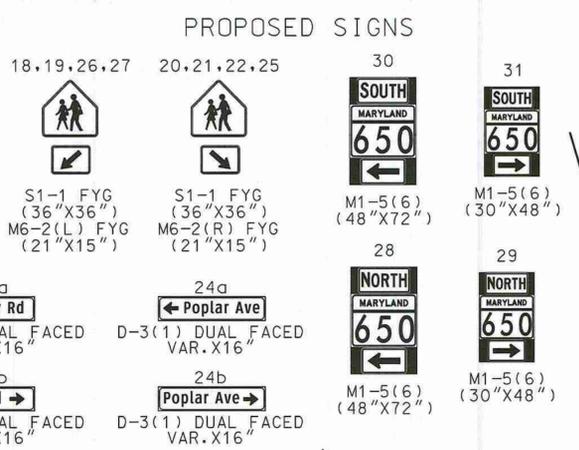
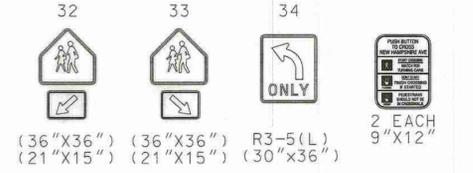
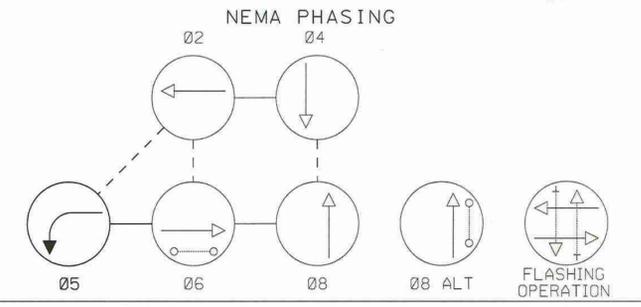
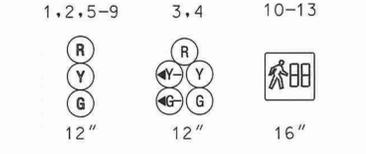


MD 650 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO BE REMOVED

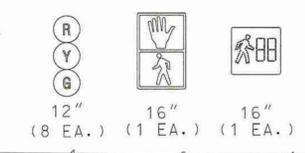


PROPOSED LED SIGNALS



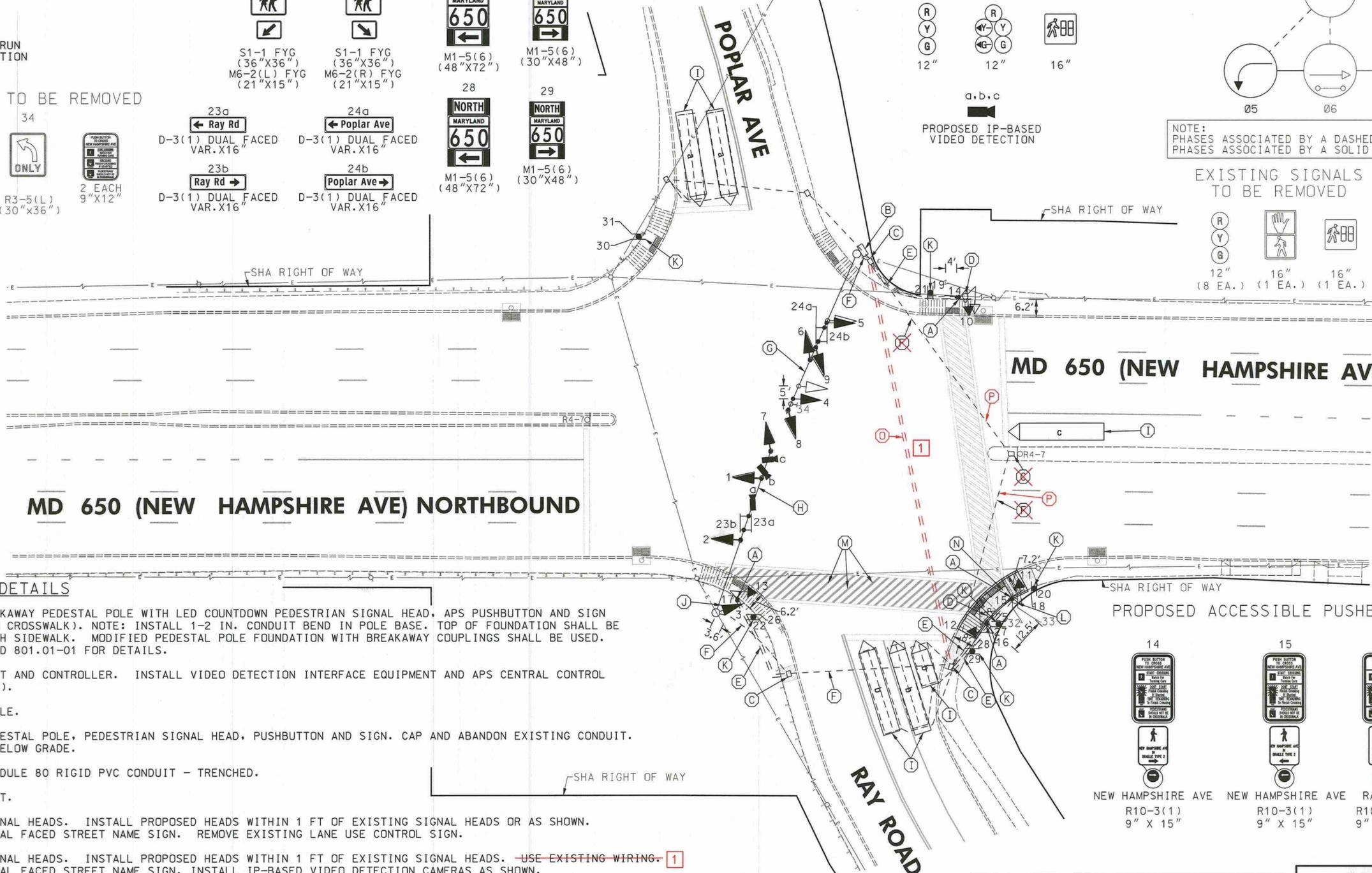
NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNALS TO BE REMOVED



MD 650 (NEW HAMPSHIRE AVE) NORTHBOUND

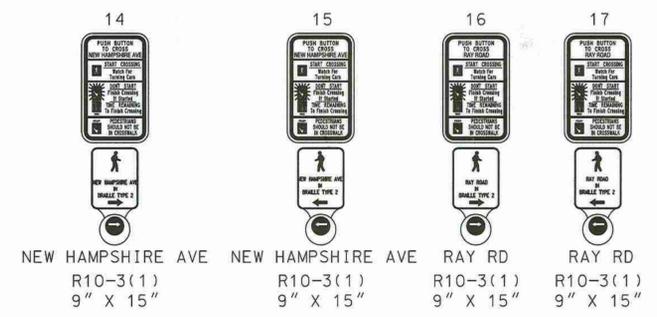
MD 650 (NEW HAMPSHIRE AVE) SOUTHBOUND



CONSTRUCTION DETAILS

- A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE. TOP OF FOUNDATION SHALL BE INSTALLED FLUSH WITH SIDEWALK. MODIFIED PEDESTAL POLE FOUNDATION WITH BREAKAWAY COUPLINGS SHALL BE USED. REFER TO STANDARD MD 801.01-01 FOR DETAILS.
- B. USE EXISTING CABINET AND CONTROLLER. INSTALL VIDEO DETECTION INTERFACE EQUIPMENT AND APS CENTRAL CONTROL UNIT (BY SHA FORCES).
- C. USE EXISTING HANDHOLE.
- D. REMOVE EXISTING PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN. CAP AND ABANDON EXISTING CONDUIT. REMOVE FOUNDATION BELOW GRADE.
- E. INSTALL 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- F. USE EXISTING CONDUIT.
- G. REMOVE EXISTING SIGNAL HEADS. INSTALL PROPOSED HEADS WITHIN 1 FT OF EXISTING SIGNAL HEADS OR AS SHOWN. INSTALL PROPOSED DUAL FACED STREET NAME SIGN. REMOVE EXISTING LANE USE CONTROL SIGN.
- H. REMOVE EXISTING SIGNAL HEADS. INSTALL PROPOSED HEADS WITHIN 1 FT OF EXISTING SIGNAL HEADS. ~~USE EXISTING WIRING.~~ 1 INSTALL PROPOSED DUAL FACED STREET NAME SIGN. INSTALL IP-BASED VIDEO DETECTION CAMERAS AS SHOWN.
- I. PROPOSED VIDEO DETECTION ZONE. INSTALL 12" BEHIND STOP LINE.
- J. INSTALL LED TRAFFIC SIGNAL HEAD ON EXISTING MAST ARM POLE.
- K. INSTALL SIGNS ON 2-4"X6" WOODEN SIGN SUPPORTS (DRILLED).

PROPOSED ACCESSIBLE PUSHBUTTON AND SIGN



APPROVAL: *Paul W. Bode*
 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
 REDLINE NO. 1
 04/01/2011
 1 MODIFY CONDUIT

SPECIAL NOTES
 1. REFER TO SHEET SP-3 FOR SIDEWALK DETAILS.
 2. REFER TO SHEET SP-2 FOR GENERAL NOTES.

STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 MD 650 (NEW HAMPSHIRE AVE) AT
 RAY ROAD & POPLAR AVE
 CHILLUM, MARYLAND

GEOMETRIC LEGEND

--- EXISTING
 --- PROPOSED

UTILITY LEGEND

SD - STORM DRAIN
 G - GAS MAIN
 W - WATER MAIN
 S - SEWER MAIN
 E - ELECTRIC CABLES
 A - AERIAL CABLES
 T - TELEPHONE CABLES
 F - FIBER-OPTIC

- L. REMOVE EXISTING GROUND MOUNTED SIGNS AND SUPPORTS.
- M. INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
- N. PROPOSED SIDEWALK RAMP (REFER TO SHEET SP-3 FOR DETAILS).
- 1 D. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- 1 P. CAP EXISTING CONDUITS.



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 www.rkk.com

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
B. INSTALL E/P LEFT TURN FOR SB APS/CPS FOR EAST & NORTH LEGS TMS: K-820, XX3545168 03-2011
A. ADDITIONAL LOOP DETECTOR TO BE ADDED TO WB RAY ROAD P-343-001-385 04-24-1984

TRAFFIC SIGNAL PLAN			
SCALE	1"=20'	DATE	JUNE 1984
CONTRACT NO.	P-343-001-385		
DESIGNED BY	DCD	COUNTY	PRINCE GEORGE'S COUNTY
DRAWN BY	MATTHAI	LOGMILE	16065000.43
CHECKED BY	S. RENZI	TMS NO.	K-820
FAP NO.		TOD NO.	
TS NO.	713B	DRAWING	SP-1 OF 3
SHEET NO.	1 OF 3		