

- CONSTRUCTION DETAILS**
- A. INSTALL EIGHT PHASE FULLY-ACTUATED CONTROLLER HOUSED IN A NEMA SIZE 6 BASE MOUNTED CABINET WITH ALL OF THE NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. PVC 90 DEGREE BENDS)
 - B. INSTALL 15 FT. STEEL 1" POLE WITH A 50 FT. MAST ARM, FOUNDATION, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA (INSTALL CONTROL CABLE), COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGNS, ACCESSIBLE PUSH BUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DRIVEWAY" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - C. INSTALL 27 FT. STEEL POLE (T = 15 FT.) WITH A 60 FT. MAST ARM, FOUNDATION, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA (INSTALL CONTROL CABLE), COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGNS, ACCESSIBLE PUSH BUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DRIVEWAY" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - D. INSTALL 15 FT. STEEL 1" POLE WITH A 50 FT. MAST ARM, FOUNDATION, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA (INSTALL CONTROL CABLE), COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGNS, ACCESSIBLE PUSH BUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS SILVER HILL RD" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - E. INSTALL 27 FT. STEEL POLE (T = 15 FT.) WITH A 50 FT. MAST ARM, FOUNDATION, TRAFFIC SIGNAL HEADS, VIDEO DETECTION CAMERA (INSTALL CONTROL CABLE), COUNTDOWN PEDESTRIAN SIGNAL HEAD, SIGNS, ACCESSIBLE PUSH BUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DRIVEWAY" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - F. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS SILVER HILL RD" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - G. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH COUNTDOWN PEDESTRIAN SIGNAL HEAD, ACCESSIBLE PEDESTRIAN PUSHBUTTON STATION AND RIO-3(1) SIGN TO READ "PUSH BUTTON TO CROSS DRIVEWAY" (NOTE: 1-3 IN. PVC 90 DEGREE BEND)
 - H. INSTALL ELECTRICAL HANDHOLE
 - J. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
 - K. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
 - L. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED)
 - M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
 - N. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED)
 - O. INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. X 6 IN. WOOD POSTS

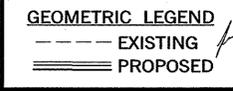
- CONSTRUCTION DETAILS (CONT.)**
- P. INSTALL NON-INVASIVE MICROLOOP PROBE (SET OF 3)
 - Q. REMOVE EXISTING PAVEMENT MARKING LINES - ANY WIDTH
 - R. INSTALL 25 FT. LONG 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
 - S. INSTALL 25 FT. LONG 5 IN. DOUBLE YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
 - T. INSTALL 70 FT. LONG 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
 - U. INSTALL PERMANENT PREFORMED PAVEMENT MARKING ARROW
 - V. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK (SEE DETAIL ON GI-2)
 - W. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE
 - X. REMOVE GROUND MOUNTED SIGNS AND SUPPORTS
 - Y. INSTALL METERED SERVICE PEDESTAL
 - Z. INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR PROPOSED TELEPHONE SERVICE, CAP AND MARK CONDUIT, AND LEAVE A 1 FT. STUB WITH RULL STRING AT UTILITY POLE FOR USE BY OTHERS.
 - AA. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED) - FOR UNDERGROUND POWER SERVICE. THE CONTRACTOR SHALL CAP, MARK, AND LEAVE A ONE FOOT STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.
 - BB. INSTALL GROUND MOUNTED SIGN ON ONE 4 IN. X 4 IN. WOOD POST.
 - CC. INSTALL GROUND MOUNTED SIGN ON ONE 4 IN. X 6 IN. WOOD POST.

UTILITY LEGEND

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

LENHART TRAFFIC CONSULTING
TRAFFIC ENGINEERING & TRANSPORTATION PLANNING
331 Redwood Grove Court Millersville, Maryland 21108
Tel: (410) 987-3888 Fax: (443) 782-2288

NOTE:
THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE (1) YEAR. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME, THESE PLANS SHALL BE NULL AND VOID WITH A RE-REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.
EAPD PERMIT NO. _____



APPROVALS

LEADER	3/22/07
ASST. DIV. CHIEF	3/22/07
DIVISION CHIEF	4/1/07

REVISIONS

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 458 (SILVER HILL ROAD) AT PENN STATION SHOPPING CENTER

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' DATE MAR 2007 CONTRACT NO. BW996M82

DESIGNED BY	MML	COUNTY	PRINCE GEORGES
DRAWN BY	MML	LOGMILE	16045802.51
CHECKED BY	MML	T. I. M. S. NO.	I-198
F. A. P. NO.		TOD NO.	

DRAWING NO. **TS-4557** OF SHEET NO. **1** OF **6**