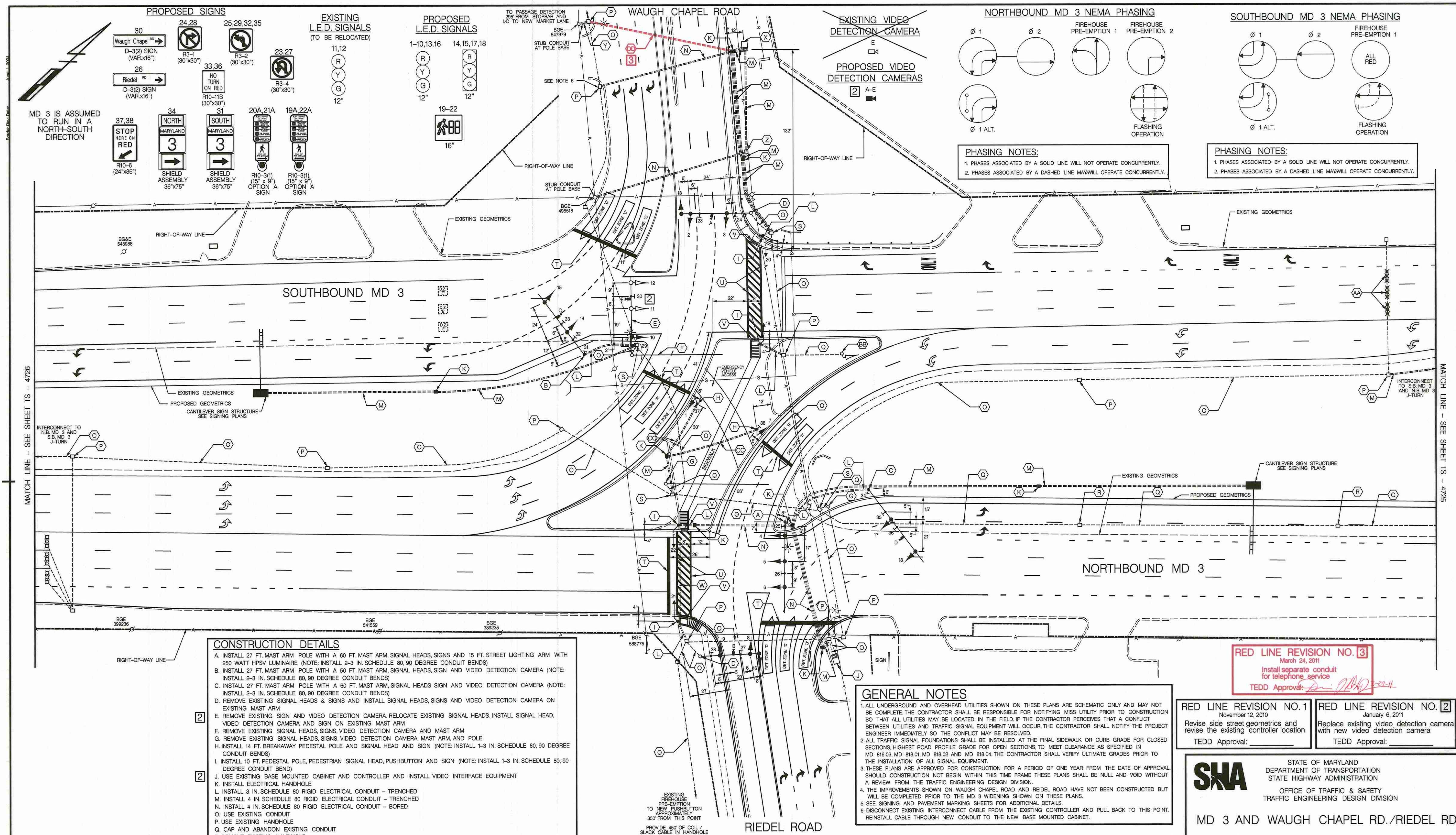




- CONSTRUCTION DETAILS**
- A. INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGNS AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - B. INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGN AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - C. INSTALL 27 FT. MAST ARM POLE WITH A 60 FT. MAST ARM, SIGNAL HEADS, SIGN AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - D. REMOVE EXISTING SIGNAL HEADS & SIGNS AND INSTALL SIGNAL HEADS, SIGNS AND VIDEO DETECTION CAMERA ON EXISTING MAST ARM
 - E. REMOVE EXISTING SIGN AND VIDEO DETECTION CAMERA, RELOCATE EXISTING SIGNAL HEADS, INSTALL SIGNAL HEAD, VIDEO DETECTION CAMERA AND SIGN ON EXISTING MAST ARM
 - F. REMOVE EXISTING SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA AND MAST ARM
 - G. REMOVE EXISTING SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERA MAST ARM, AND POLE
 - H. INSTALL 14 FT. BREAKAWAY PEDESTAL POLE AND SIGNAL HEAD AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - I. INSTALL 10 FT. PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - J. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER AND INSTALL VIDEO INTERFACE EQUIPMENT
 - K. INSTALL ELECTRICAL HANDHOLE
 - L. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
 - M. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
 - N. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
 - O. USE EXISTING CONDUIT
 - P. USE EXISTING HANDHOLE
 - Q. CAP AND ABANDON EXISTING CONDUIT
 - R. REMOVE EXISTING HANDHOLE
 - S. ADJUST EXISTING HANDHOLE TO FINAL GRADE
 - T. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
 - U. INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING WITH DIAGONAL HATCHING (45 DEGREES AT 24 IN. SPACING)
 - V. INSTALL DETECTABLE WARNING SURFACE
 - W. REMOVE EXISTING PAVEMENT MARKINGS
 - X. INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: INSTALL 2-2 IN. AND 3-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - Y. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
 - Z. INSTALL METERED SERVICE PEDESTAL
 - AA. REMOVE EXISTING MICRO-LOOP PROBES AND INSTALL NEW MICRO-LOOP PROBES
 - BB. REMOVE EXISTING PEDESTAL POLE AND SIGNAL HEAD
 - CC. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - SLOTTED
 - DD. INSTALL 2 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED

GEOMETRIC LEGEND	
EXISTING	---
PROPOSED	---

UTILITY LEGEND	
AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

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APPROVALS		REVISIONS	
TEAM LEADER		9-15-10	1. SIGNAL MODIFICATION DUE TO GEOMETRIC CHANGES
ASST. DIV. CHIEF		7-17-06	2. REPLACE LOOP DETECTORS WITH VIDEO DETECTORS
DIVISION CHIEF		6-19-06	3. SIGNAL MODIFICATION DUE TO GEOMETRIC CHANGES
OFFICE DIRECTOR			

RED LINE REVISION NO. 1 November 12, 2010 Revise side street geometrics and revise the existing controller location. TEDD Approval: _____	RED LINE REVISION NO. 2 January 6, 2011 Replace existing video detection camera with new video detection camera TEDD Approval: _____
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 3 AND WAUGH CHAPEL RD./RIEDEL RD.

TRAFFIC SIGNALIZATION PLAN			
SCALE	1"=30'	DATE	5-3-78
DESIGNED BY	K.G.A.	COUNTY	ANNE ARUNDEL
DRAWN BY	K.G.A.	LOGMILE	02000303.96
CHECKED BY	D.ZAFIRIS	T.I.M.S. NO.	J - 663
F.A.P. NO.	NA	TOD NO.	
DRAWING NO.	TS-1515 O	SHEET NO.	1 OF 3