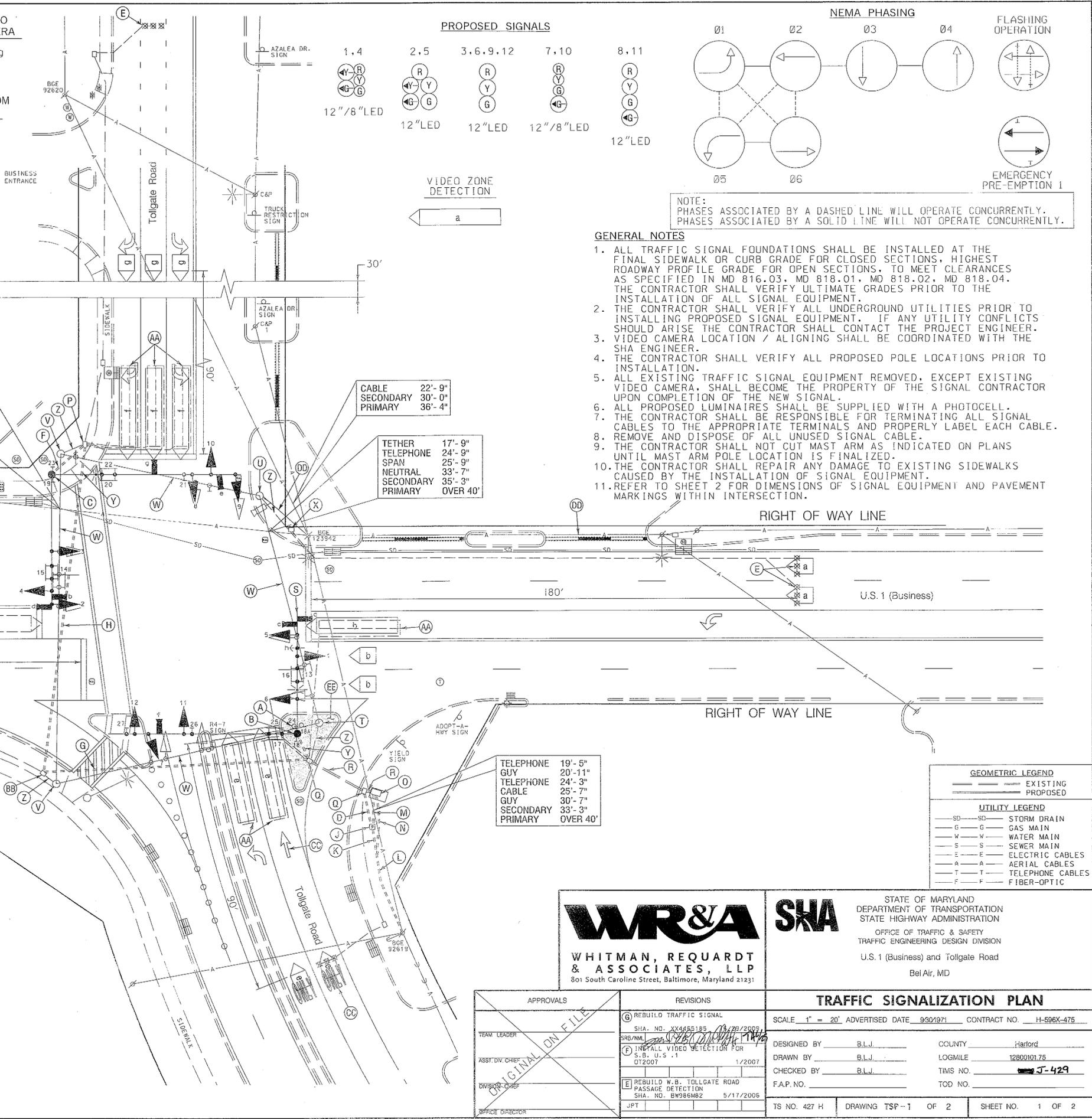


- CONSTRUCTION DETAILS**
- REMOVE EXISTING U.S. 1 SIGNS AND SUPPORTS.
 - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. (CUT TO 45 FT.) / 70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, OPTICOM DETECTOR EYE, UPDATED VIDEO DETECTION CAMERAS MOUNTED ON MAST ARMS AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
 - INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH TWIN 50 FT. / 70 FT. MAST ARMS, TRAFFIC SIGNAL HEADS, SIGNS, UPDATED VIDEO DETECTION CAMERAS MOUNTED ON MAST ARMS AND 15 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE. (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BENDS IN POLE BASE).
 - INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - ABANDON EXISTING MICROLOOP PROBE. DISCONNECT AND REMOVE MICROLOOP PROBES CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
 - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
 - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
 - INSTALL EMBEDDED METERED SERVICE PEDESTAL WITH 2-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS IN PEDESTAL BASE.
 - INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE.



- CONSTRUCTION DETAILS**
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE AND 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT FOR PROPOSED UNDERGROUND TELEPHONE SERVICE IN COMMON TRENCH. CAP AND MARK CONDUITS 2 FT. ABOVE GRADE AT UTILITY POLE FOR USE BY OTHERS.
 - INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND ELECTRICAL SERVICE. PROPOSED CONDUIT SHALL TIE INTO PROPOSED 2 IN. BEND IN CABINET FOUNDATION.
 - INSTALL 2 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. PROPOSED CONDUIT SHALL TIE INTO EXISTING 2 IN. BEND IN CABINET FOUNDATION.
 - USE EXISTING BASE MOUNTED CONTROLLER AND CABINET. INSTALL MODEL 764 DISCRIMINATOR MODULE AND 1-2 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN EXISTING FOUNDATION.
 - USE EXISTING HANDHOLE.
 - USE EXISTING HANDHOLE. REMOVE EXISTING COLLAR AND FRAME AND INSTALL NEW COLLAR AND FRAME.
 - USE EXISTING CONDUIT.
 - CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
 - REMOVE EXISTING STRAIN POLE AND CONTROL AND DISTRIBUTION EQUIPMENT. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - REMOVE EXISTING STRAIN POLE AND VIDEO DETECTION CAMERA. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL. RETURN VIDEO CAMERA TO TECHNICIAN AT TIME OF TURN-ON.
 - REMOVE EXISTING STRAIN POLE. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
 - REMOVE EXISTING HANDHOLE.
 - REMOVE EXISTING SIDEWALK AND INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED. REPLACE 5 INCH CONCRETE SIDEWALK.
 - CAP AND ABANDON EXISTING CONDUIT.
 - ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
 - USE EXISTING HANDHOLE. DISCONNECT AND PULL BACK EXISTING INTERCONNECT CABLE HEADING NORTH AND RE-FEED IN NEW CONDUIT TO EXISTING BASE MOUNTED CABINET. REMOVE EXISTING COLLAR AND FRAME AND INSTALL NEW COLLAR AND FRAME.
 - REMOVE EXISTING PAVEMENT MARKING ARROW/LETTERS.
 - REMOVE EXISTING LOOP WIRE FROM UTILITY POLES.
 - REMOVE EXISTING AND INSTALL 5 INCH CONCRETE SIDEWALK.

TELEPHONE 20'-10"

FIBER 22'-5"

SPAN 23'-7"

NEUTRAL 26'-8"

SECONDARY 29'-2"

PRIMARY 39'-7"

CABLE 22'-9"

SECONDARY 30'-0"

PRIMARY 36'-4"

TETHER 17'-9"

TELEPHONE 24'-9"

SPAN 25'-9"

NEUTRAL 33'-7"

SECONDARY 35'-3"

PRIMARY OVER 40"

TELEPHONE 19'-5"

GUY 20'-11"

TELEPHONE 24'-3"

CABLE 25'-7"

GUY 30'-7"

SECONDARY 33'-3"

PRIMARY OVER 40"

GEOMETRIC LEGEND

---SD--- EXISTING

---SD--- 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

WR&A

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SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 1 (Business) and Tollgate Road
Bel Air, MD

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
TEAM LEADER		① REBUILD TRAFFIC SIGNAL	SHA. NO. XX445185 11/20/2009	SCALE 1" = 20'	ADVERTISED DATE 9/30/07
ASST. DIV. CHIEF		② INSTALL VIDEO DETECTION FOR S.B. U.S. 1	012007 1/2007	CONTRACT NO. H-596X-475	
DIVISION CHIEF		③ REBUILD W.B. TOLLGATE ROAD PASSAGE DETECTION	SHA. NO. BW98682 5/17/2006	DESIGNED BY B.L.J.	COUNTY Harford
OFFICE DIRECTOR				DRAWN BY B.L.J.	LOGMILE 1280101.75
				CHECKED BY B.L.J.	TMS NO. J-429
				F.A.P. NO.	TOD NO.
				TS NO. 427 H	DRAWING TSP-1 OF 2
					SHEET NO. 1 OF 2