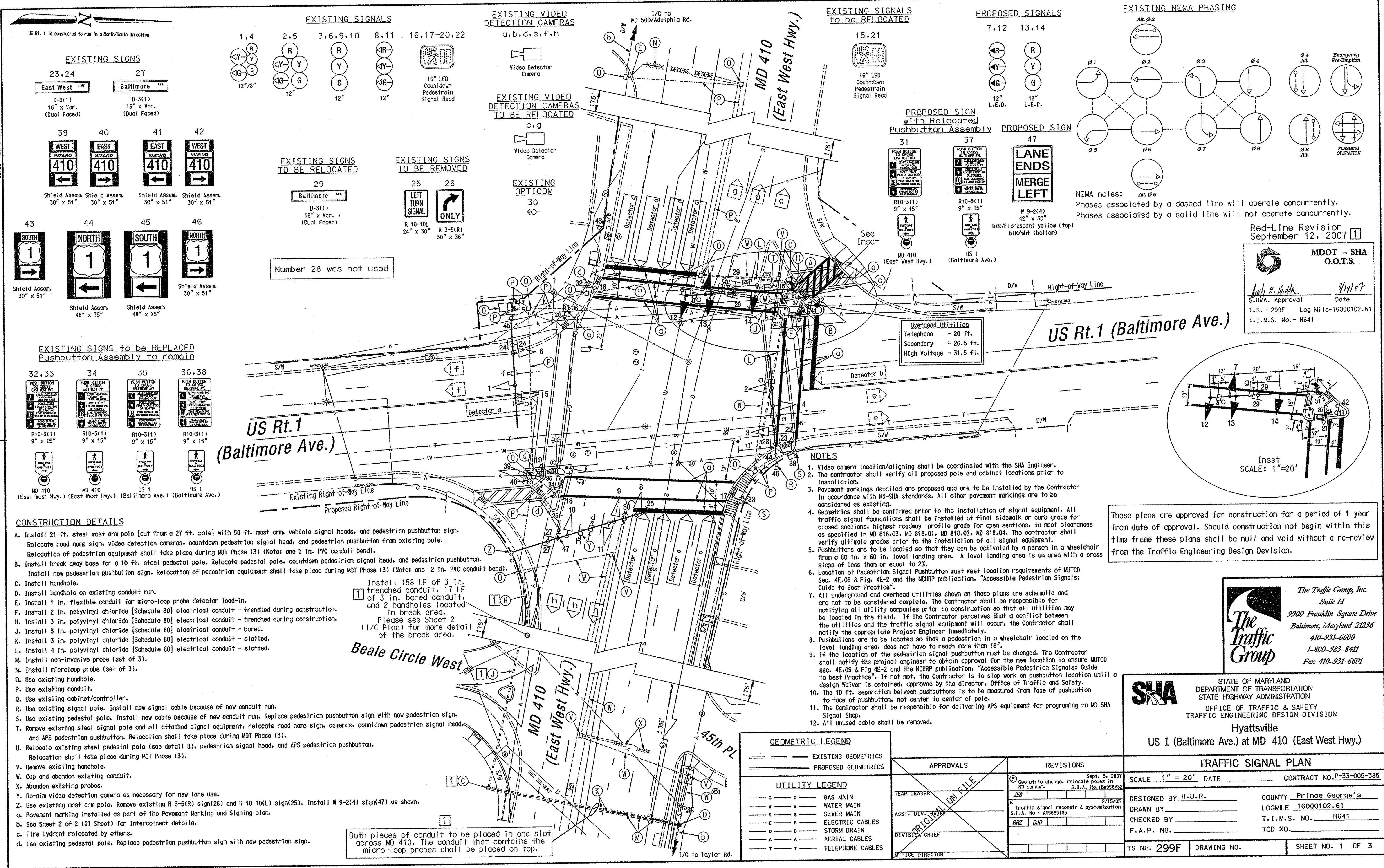


DRILL HOLES



- CONSTRUCTION DETAILS**
- A. Install 21 ft. steel mast arm pole [cut from a 27 ft. pole] with 50 ft. mast arm, vehicle signal heads, and pedestrian pushbutton sign. Relocate road name sign, video detection cameras, countdown pedestrian signal head, and pedestrian pushbutton from existing pole. Relocation of pedestrian equipment shall take place during MOT Phase (3) (Note: one 3 in. PVC conduit bend).
 - B. Install break away base for a 10 ft. steel pedestal pole. Relocate pedestal pole, countdown pedestrian signal head, and pedestrian pushbutton. Install new pedestrian pushbutton sign. Relocation of pedestrian equipment shall take place during MOT Phase (3) (Note: one 2 in. PVC conduit bend).
 - C. Install handhole.
 - D. Install handhole on existing conduit run.
 - E. Install 1 in. flexible conduit for micro-loop probe detector lead-in.
 - F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
 - H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched during construction.
 - J. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
 - K. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted.
 - L. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted.
 - M. Install non-invasive probe (set of 3).
 - N. Install microloop probe (set of 3).
 - O. Use existing handhole.
 - P. Use existing conduit.
 - Q. Use existing cabinet/controller.
 - R. Use existing signal pole. Install new signal cable because of new conduit run.
 - S. Use existing pedestal pole. Install new cable because of new conduit run. Replace pedestrian pushbutton sign with new pedestrian sign.
 - T. Remove existing steel signal pole and all attached signal equipment, relocate road name sign, cameras, countdown pedestrian signal head, and APS pedestrian pushbutton. Relocation shall take place during MOT Phase (3).
 - U. Relocate existing steel pedestal pole (see detail B), pedestrian signal head, and APS pedestrian pushbutton. Relocation shall take place during MOT Phase (3).
 - V. Remove existing handhole.
 - W. Cap and abandon existing conduit.
 - X. Abandon existing probes.
 - Y. Re-aim video detection camera as necessary for new lane use.
 - Z. Use existing mast arm pole. Remove existing R 3-5(R) sign(26) and R 10-10(L) sign(25). Install W 9-2(4) sign(47) as shown.
 - a. Pavement marking installed as part of the Pavement Marking and Signing plan.
 - b. See Sheet 2 of 2 (61 Sheet) for Interconnect details.
 - c. Fire Hydrant relocated by others.
 - d. Use existing pedestal pole. Replace pedestrian pushbutton sign with new pedestrian sign.

<u>GEOMETRIC LEGEND</u>				US 1 (Baltimore Ave.) at MD 410 (East West Hwy.)			
===== EXISTING GEOMETRICS		APPROVALS		REVISIONS		TRAFFIC SIGNAL PLAN	
===== PROPOSED GEOMETRICS							
<u>UTILITY LEGEND</u>		ORIGINAL ON FILE		⑥ Sept. 5, 2007 Geometric change, relocate poles in NW corner. S.H.A. No. 18W936H82		SCALE 1" = 20' DATE _____ CONTRACT NO. P-33-005-385	
--- G --- G --- GAS MAIN				JES _____ 2/15/05		DESIGNED BY H.U.R. _____ COUNTY Prince George's	
--- W --- W --- WATER MAIN				E Traffic signal reconstr & systemization S.H.A. No.: AT5665185		DRAWN BY _____ LOGMILE 16000102.61	
--- S --- S --- SEWER MAIN				RRZ DJD _____		CHECKED BY _____ T.I.M.S. NO. H641	
--- E --- E --- ELECTRIC CABLES				_____		F.A.P. NO. _____ TOD NO. _____	
--- D --- D --- STORM DRAIN				_____		TS NO. 299F	
--- A --- A --- AERIAL CABLES		DIVISION CHIEF		DRAWING NO.		SHEET NO. 1 OF 3	
--- T --- T --- TELEPHONE CABLES		OFFICE DIRECTOR		_____			

MDOT - SHA
O.O.T.S.

[Signature] 9/11/07
S.H.A. Approval Date

T.S. - 299F Log Mile-16000102.61
T.I.M.S. No. - H641

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