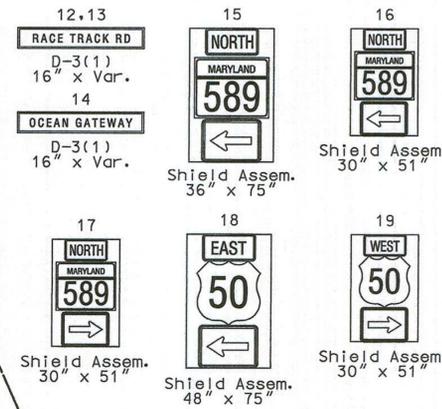


US 50 (Ocean Gateway) is proposed to Run in an East-West direction.

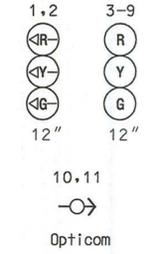
GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MD-SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS ARE TO BE CONSIDERED AS EXISTING.
2. GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
4. ALL UNUSED CABLE SHALL BE REMOVED.

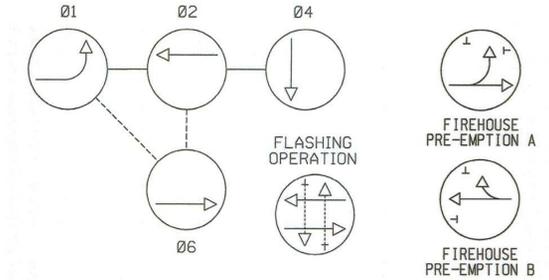
EXISTING SIGNS



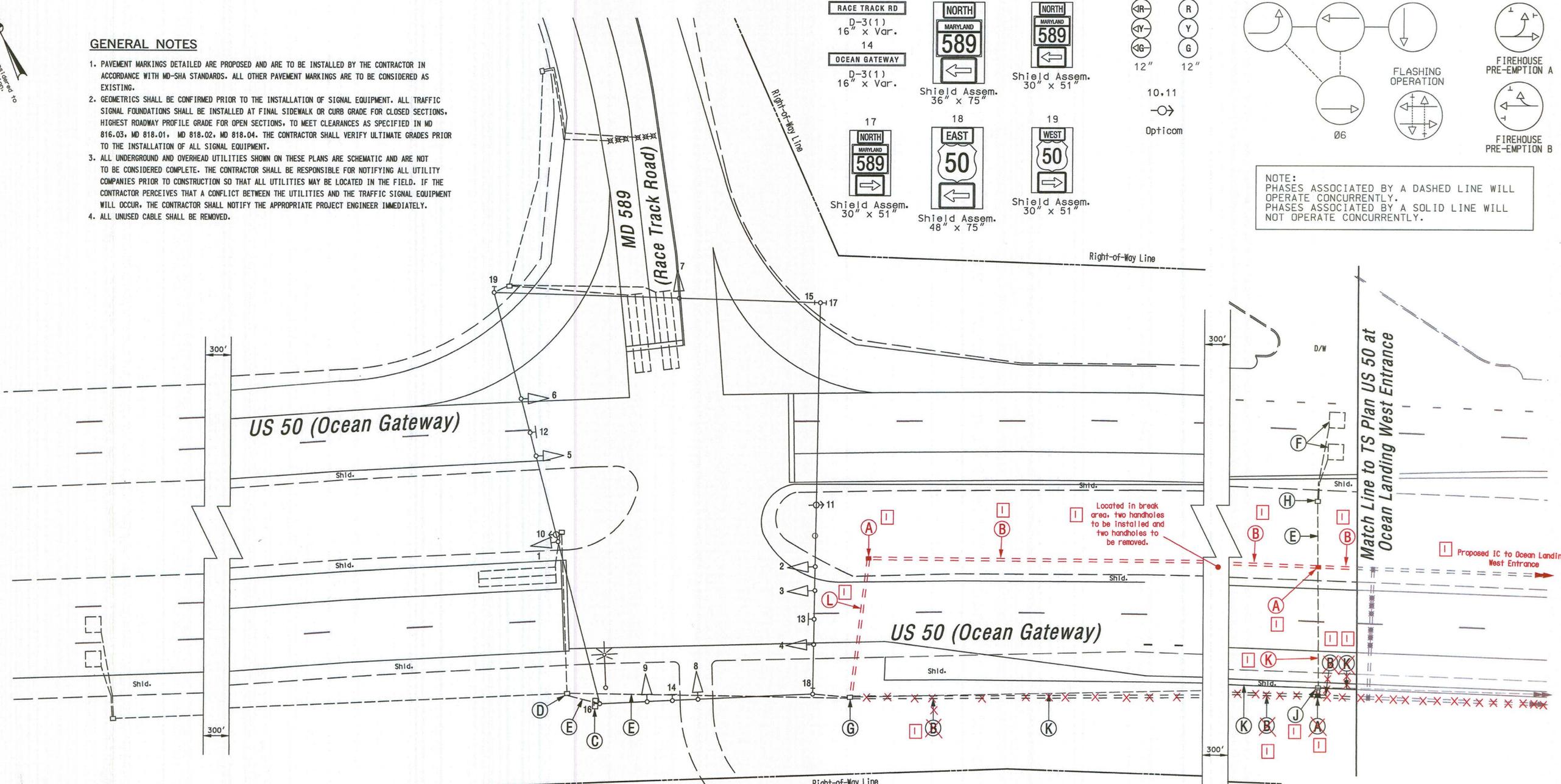
EXISTING SIGNALS



NEMA PHASING



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



CONSTRUCTION DETAILS

1. Install handhole.
2. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
3. Use existing cabinet/controller.
4. Use existing handhole.
5. Use existing conduit.
6. Use existing loop detector.
7. Use existing handhole. Pull back existing interconnect cable from Ocean Landing East Entrance (Walmart) intersection, and run in new conduit back to new cabinet/controller located at the Ocean Landing West Entrance intersection.
8. Use existing handhole, splice new 2-conductor aluminum shielded cable to existing loop detectors.
9. Remove existing handhole, and extend 2 in. conduit.
10. Cap and abandon existing conduit.
11. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

Redline Revision Dated April 18, 2011
SHA MDOT - SHA
 S.H.A. Approval Date 4/26/2011
 T.S. # 375 T.I.M.S. # 6-190

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
US 50 (OCEAN GATEWAY) AT MD 589 (RACE TRACK RD)
 BERLIN, MARYLAND

The Traffic Group, Inc.
 Suite H
 9900 Franklin Square Drive
 Baltimore, Maryland 21236
 410-931-6600
 1-800-583-8411
 Fax 410-931-6601
 "Merging Innovation and Excellence"®

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

THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 1 YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

APPROVALS

TEAM LEADER
 ASST. DIV. CHIEF
 DIVISION CHIEF
 OFFICE DIRECTOR

REVISIONS

08/08/10
 5/03
 1/98

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 04/08/83 CONTRACT NO. BW996M82
 DESIGNED BY SCHMID COUNTY WORCESTER
 DRAWN BY LOGMILE 23005009.64
 CHECKED BY TMS NO. G-190
 F.A.P. NO. N/A TOD NO.
 TS NO. 375E DRAWING SG - 01 OF 03 SHEET NO. 1 OF 6

PLOTTED BY: P.Hoekel

PLOTTED: Monday, April 18, 2011 AT 12:37 PM
 FILE: F:\2005\2005-0502\Draw\Red-Line No.1\p89-F001_US50-MD589.dgn