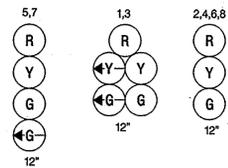


DRILL HOLES

DRILL HOLES

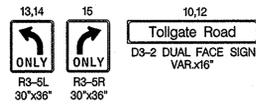
US 1 (BUSINESS) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS



TOLLGATE ROAD

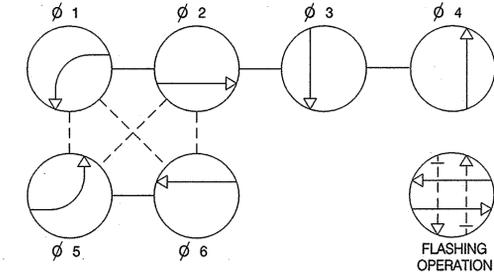
EXISTING SIGNS



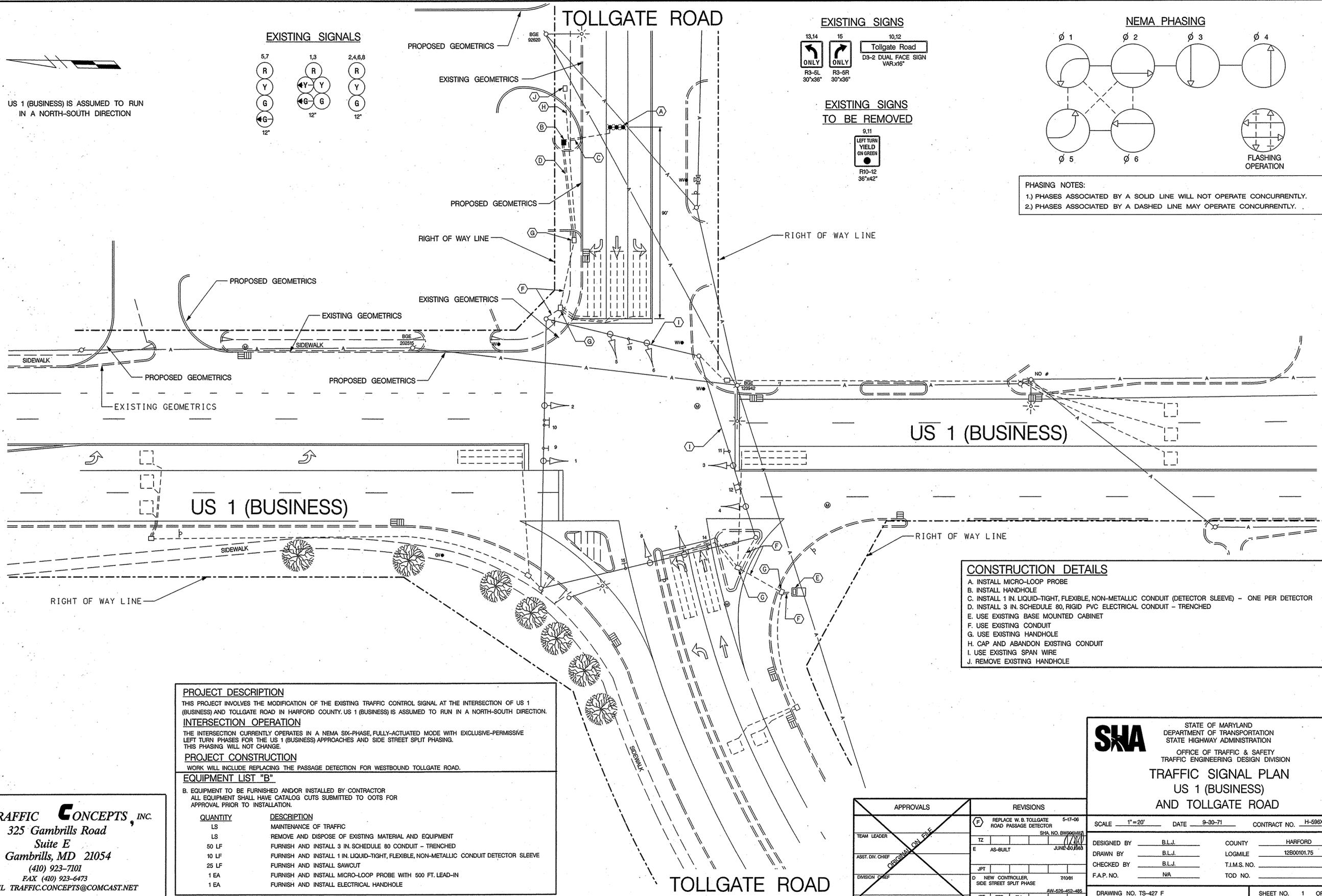
EXISTING SIGNS TO BE REMOVED



NEMA PHASING



PHASING NOTES: 1) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY. 2) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. INSTALL MICRO-LOOP PROBE
B. INSTALL HANDHOLE
C. INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE, NON-METALLIC CONDUIT (DETECTOR SLEEVE) - ONE PER DETECTOR
D. INSTALL 3 IN. SCHEDULE 80, RIGID PVC ELECTRICAL CONDUIT - TRENCHED
E. USE EXISTING BASE MOUNTED CABINET
F. USE EXISTING CONDUIT
G. USE EXISTING HANDHOLE
H. CAP AND ABANDON EXISTING CONDUIT
I. USE EXISTING SPAN WIRE
J. REMOVE EXISTING HANDHOLE

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF US 1 (BUSINESS) AND TOLLGATE ROAD IN HARFORD COUNTY. US 1 (BUSINESS) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA SIX-PHASE, FULLY-ACTUATED MODE WITH EXCLUSIVE-PERMISSIVE LEFT TURN PHASES FOR THE US 1 (BUSINESS) APPROACHES AND SIDE STREET SPLIT PHASING. THIS PHASING WILL NOT CHANGE.

PROJECT CONSTRUCTION

WORK WILL INCLUDE REPLACING THE PASSAGE DETECTION FOR WESTBOUND TOLLGATE ROAD.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

Table with 2 columns: QUANTITY and DESCRIPTION. Lists items like maintenance of traffic, removal of existing material, and installation of conduits and probes.

TRAFFIC CONCEPTS, INC. 325 Gambrills Road Suite E Gambrills, MD 21054 (410) 923-7101 FAX (410) 923-6473 EMAIL TRAFFIC.CONCEPTS@COMCAST.NET

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION TRAFFIC SIGNAL PLAN US 1 (BUSINESS) AND TOLLGATE ROAD

Table for APPROVALS and REVISIONS. Includes fields for TEAM LEADER, ASST. DIR. CHIEF, DIVISION CHIEF, OFFICE DIRECTOR and a list of revisions.

SCALE 1"=20' DATE 9-30-71 CONTRACT NO. H-596X-475 DESIGNED BY B.L.J. COUNTY HARFORD DRAWN BY B.L.J. LOGMILE 12B00101.75 CHECKED BY B.L.J. T.I.M.S. NO. F.A.P. NO. N/A TOD NO. DRAWING NO. TS-427 F SHEET NO. 1 OF 1