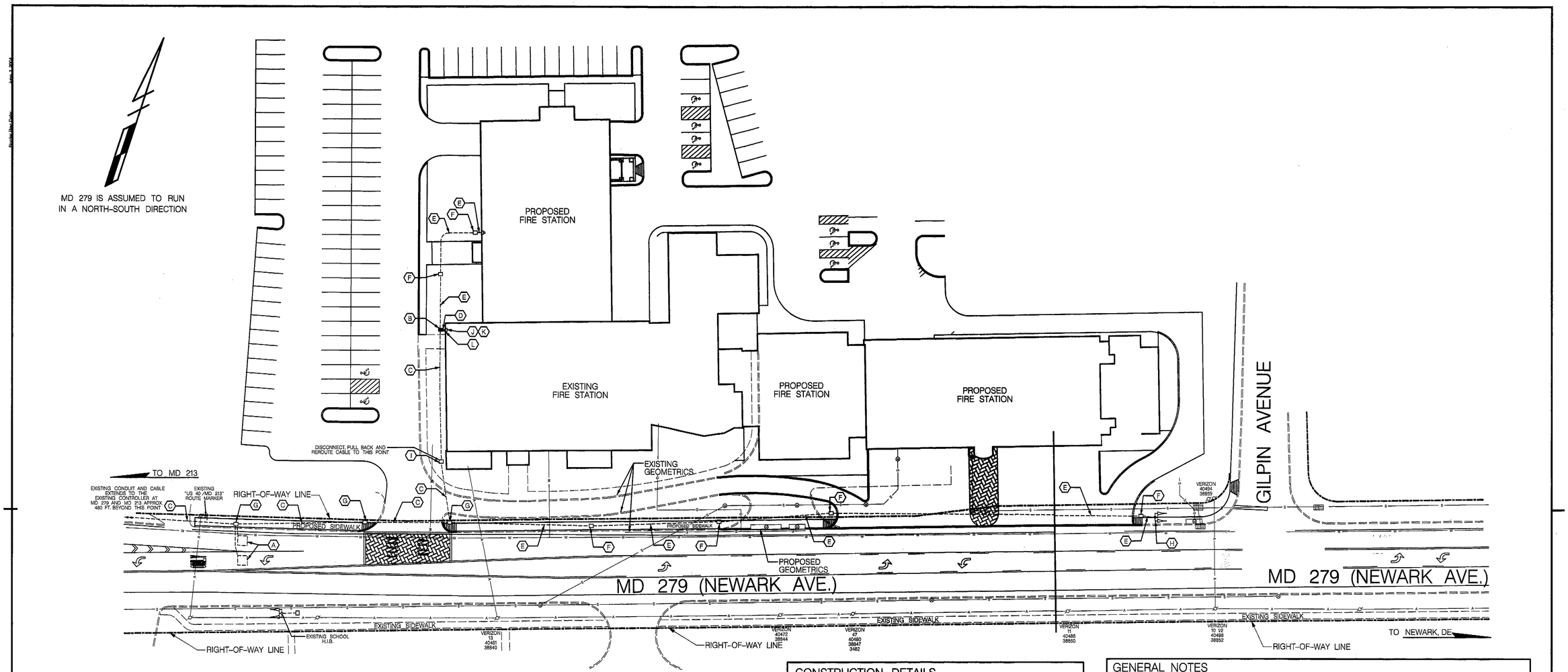

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REMOVAL OF THE EXISTING INTERSECTION CONTROL BEACON (ICB) ON SOUTHBOUND MD 279 FOR THE SINGERLY FIRE STAION AND THE INSTALLATION OF ADDITIONAL SIGNAL PRE-EMPTION BUTTONS FOR THE PROPOSED FIRE STATION. MD 279 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE EXISTING PUSHBUTTON ACTIVATES THE SOUTHBOUND MD 279 PRE-EMPTION PHASE AT THE INTERSECTION OF MD 279 AND MD 213. THE NEW PUSHBUTTONS WILL ALSO ACTIVATE THIS PHASE.

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.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFFIC
LS	REMOVE AND DISPOSE OF EQUIPMENT
100 LF	DISCONNECT, PULL BACK AND REROUTE CABLE
3 EA	ADJUST HANDHOLE TO FINAL GRADE
1 EA	HANDHOLE
10 LF	4 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT-TRENCHED
1 EA	INDOOR ELECTRICAL JUNCTION BOX

CONSTRUCTION DETAILS

A. EXISTING DETECTION TO REMAIN
B. INSTALL ELECTRICAL HANDHOLE
C. USE EXISTING CONDUIT
D. INSTALL 4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT – TRENCHED
E. CAP AND ABANDON EXISTING CONDUIT
F. REMOVE EXISTING HANDHOLE
G. USE EXISTING ELECTRICAL HANDHOLE. ADJUST TO FINAL GRADE
H. REMOVE EXISTING PEDESTAL MOUNTED H.I.B. AND FOUNDATION
I. USE EXISTING ELECTRICAL HANDHOLE
J. INSTALL INDOOR ELECTRICAL JUNCTION BOX APPROX. 4 FT. ABOVE FLOOR
K. INSTALL 1/2 IN. E.M.T. CONDUIT FROM FLOOR TO JUNCTION BOX
L. INSTALL 3 IN. 90 DEGREE CONDUIT BEND WITH 3 IN. TO 1/2 IN. REDUCER

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THTE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. DISCONNECT AND REMOVE CABLE TO THE EXISTING H.I.B. TO BE REMOVED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

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

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

ORIGINAL ON FILE

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

2	REMOVE HIB AND INSTALL NEW PRE-EMPTION	
9-9-11	TIMS#: L-023	SHA NO. BW-996M82
TMZ		

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 279 AND GILPIN AVE./
SINGERLY FIRE STATION
ELKTON, MARYLAND

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 30' DATE 1-16-71 CONTRACT NO. AT9335185

DESIGNED BY
DRAWN BY LES TOWNSEND
CHECKED BY
F.A.P. NO. N/A

COUNTY CECIL
LOGMILE 07027901.30
T.I.M.S. NO.
TOD NO.

DRAWING NO. TS—274 I

SHEET NO. 1 OF 1