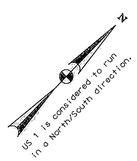
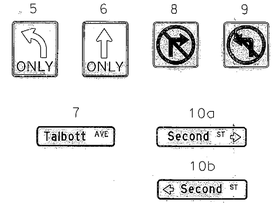
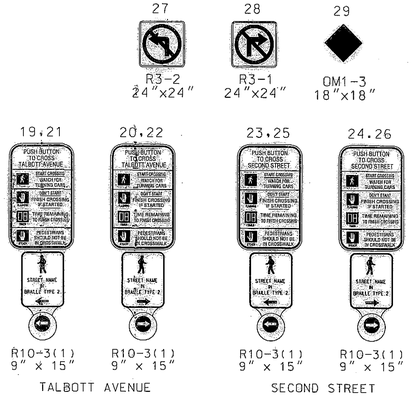


EXISTING SIGNS



PROPOSED SIGNS



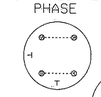
EXISTING VIDEO DETECTION

EXISTING OPTI-COM DETECTION

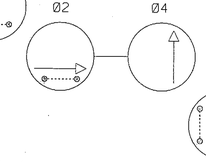
EXISTING SIGNALS

PROPOSED SIGNALS

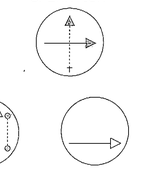
ADVANCED PED PHASE



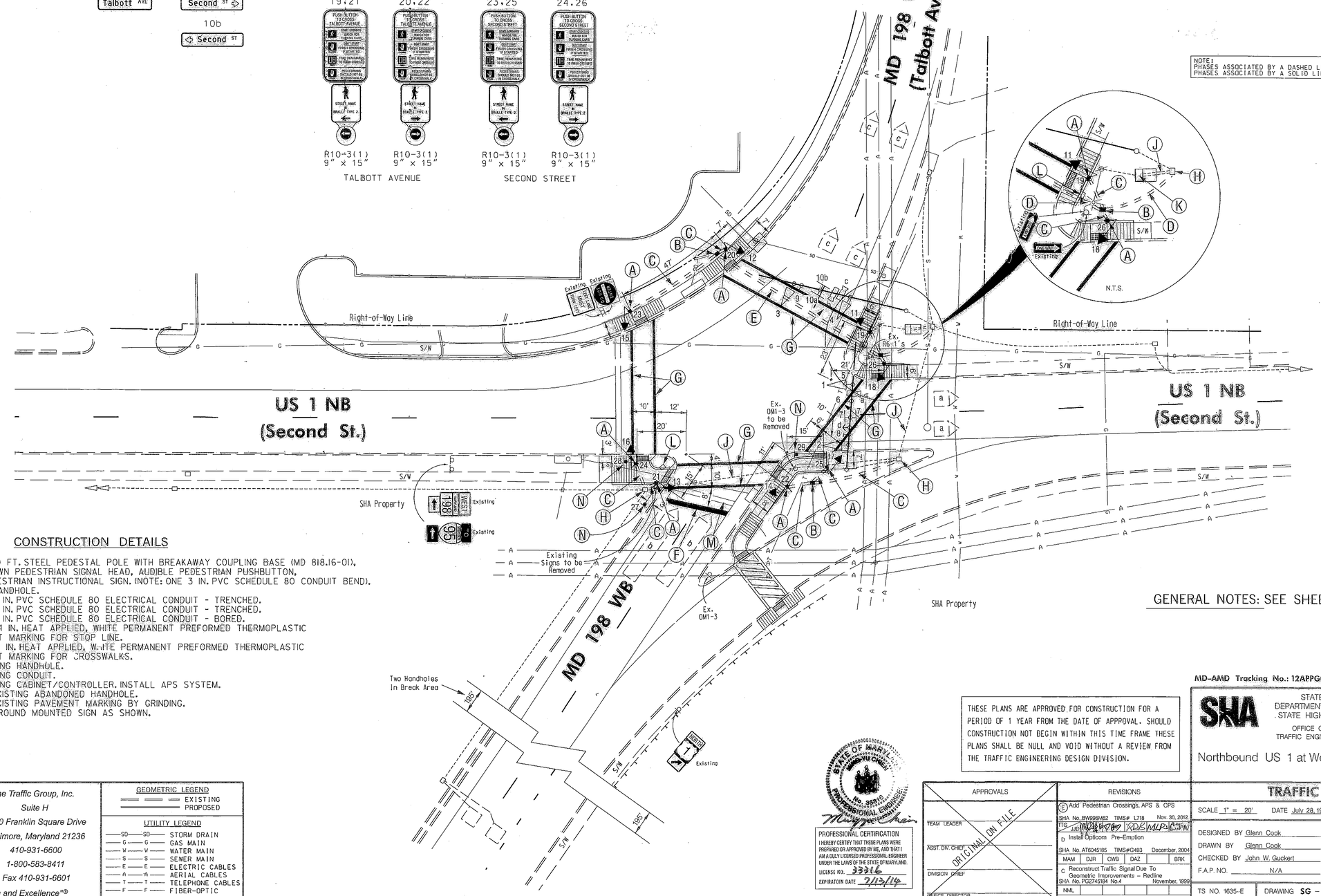
NEMA PHASING



FLASHING OPERATION



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



CONSTRUCTION DETAILS

A. INSTALL 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY COUPLING BASE (MD 818.16-01), COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE PEDESTRIAN PUSHBUTTON, AND PEDESTRIAN INSTRUCTIONAL SIGN. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL HANDHOLE.
C. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
F. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
G. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALKS.
H. USE EXISTING HANDHOLE.
J. USE EXISTING CONDUIT.
K. USE EXISTING CABINET/CONTROLLER. INSTALL APS SYSTEM.
L. REMOVE EXISTING ABANDONED HANDHOLE.
M. REMOVE EXISTING PAVEMENT MARKING BY GRINDING.
N. INSTALL GROUND MOUNTED SIGN AS SHOWN.

GENERAL NOTES: SEE SHEET 2 OF 2

MD-AMD Tracking No.: 12APPG018

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.

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 33316
EXPIRATOIN DATE 7/13/14

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

Northbound US 1 at Westbound MD 198 (Talbott Ave)
LAUREL, MD

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE July 28, 1972 CONTRACT NO. P586-501-385

DESIGNED BY Glenn Cook
DRAWN BY Glenn Cook
CHECKED BY John W. Guckert
F.A.P. NO. N/A
COUNTY PRINCE GEORGE'S
LOGMILE 16.0001 to 3.69
TIMS NO. –
TOD NO. AT604-14

TS NO. 1635-E | DRAWING SG – 01 OF 01 | SHEET NO. 1 OF 2

PLOTTED: Friday, November 30, 2012 AT 08:32 AM
FILE: F:\2012\2012-0302\DES\Signal Plan.dgn

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
(E) Add Pedestrian Crossings, APS & CPS
SHA No. BW996M62 TIMS# L718 Nov. 30, 2012
ITG LJB WLP KDK WLP
(D) Install Opticom Pre-Emption
SHA No. AT6045185 TIMS#G493 December, 2004
MAM DJR CWB DAZ BRK
(C) Reconstruct Traffic Signal Due To Geometric Improvements – Redline
SHA No. PG2745184 No.4 November, 1999
NML

The Traffic Group, Inc.
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Baltimore, Maryland 21236
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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

PLOTTED BY: JDimdorfer