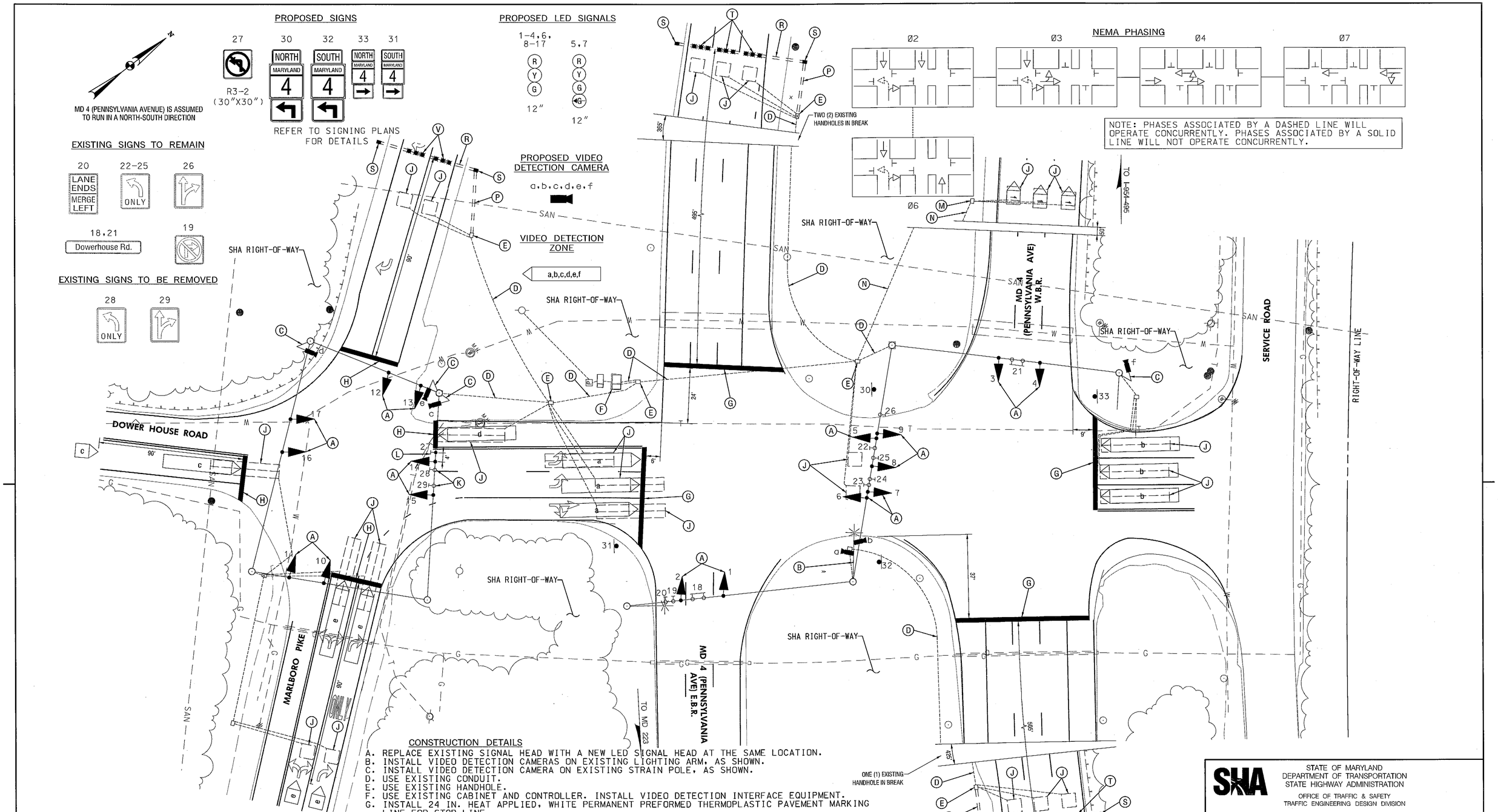

CONSTRUCTION DETAILS

A. REPLACE EXISTING SIGNAL HEAD WITH A NEW LED SIGNAL HEAD AT THE SAME LOCATION.
B. INSTALL VIDEO DETECTION CAMERAS ON EXISTING LIGHTING ARM, AS SHOWN.
C. INSTALL VIDEO DETECTION CAMERA ON EXISTING STRAIN POLE, AS SHOWN.
D. USE EXISTING CONDUIT.
E. USE EXISTING HANDHOLE.
F. USE EXISTING CABINET AND CONTROLLER. INSTALL VIDEO DETECTION INTERFACE EQUIPMENT.
G. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE FOR STOP LINE.
H. REMOVE EXISTING STOP LINE AND INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE AT THE SAME LOCATION.
J. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES, AND CONTROLLER.
K. REMOVE EXISTING SIGN FROM SPAN WIRE.
L. INSTALL SIGN ON EXISTING SPAN WIRE, AS SHOWN.
M. REMOVE EXISTING HANDHOLE AND BACKFILL.
N. CAP AND ABANDON EXISTING CONDUIT.
P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
R. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
S. INSTALL HANDHOLE WITH LONGER DIMENSION PERPENDICULAR TO THE ROADWAY FOR NON-INVASIVE PROBES.
T. INSTALL NON-INVASIVE PROBES WITH 1,000 FT. LEAD-IN CABLE. (TO BE CENTERED IN THRU LANE ONLY).
V. INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE. (TO BE CENTERED IN THRU LANE ONLY).

GEOMETRIC LEGEND

EXISTING

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

SABRA, WANG & ASSOCIATES, INC.
7055 SAMUEL MORSE DRIVE
SUITE 100
COLUMBIA, MD 21046
(443) 741-3500
WWW.SABRA-WANG.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

D UPGRADE TO LED SIGNALS AND VIDEO DETECTION — TIMS NO. L429 07-2012
SHA NO. PG6645R0
SWA | DPD | MLP | MRA | MRA | CSW 9/13
C AS-BUILT — 01-13-1999
SHA NO. BW945M82
FJH
B MODIFIED DUE TO WIDENING OF DOWER HOUSE ROAD — 09-12-1996
SHA NO. BW945M82
M.A.M. | MAR | BRK | TH

PLOTTED: Wednesday, August 08, 2012 AT 10:15 AM
FILE: R:\2008\73 SHA BCS 2008-05A_TEDD DESIGN_STV_JV__$5M\Task 205 MD 4 at Dower House\DWG\SIGNAL\pSG-P001_MD4.dgn

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

MD 4 (PENNSYLVANIA AVENUE) AT DOWER HOUSE ROAD
MELLWOOD, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE AUG. 1990 CONTRACT NO. P-637-501-385

DESIGNED BY D.J. WALLACE
DRAWN BY L.C. HOLMBERG
CHECKED BY J.M. WALLACE
F.A.P. NO. SEE TITLE SHEET
COUNTY PRINCE GEORGE'S
LOGMILE 16000407.73
T.I.M.S. NO.
TOD NO.

TS NO. 1769 D | DRAWING NO. pSG OF P001 | SHEET NO. OF

BY: agriffin -