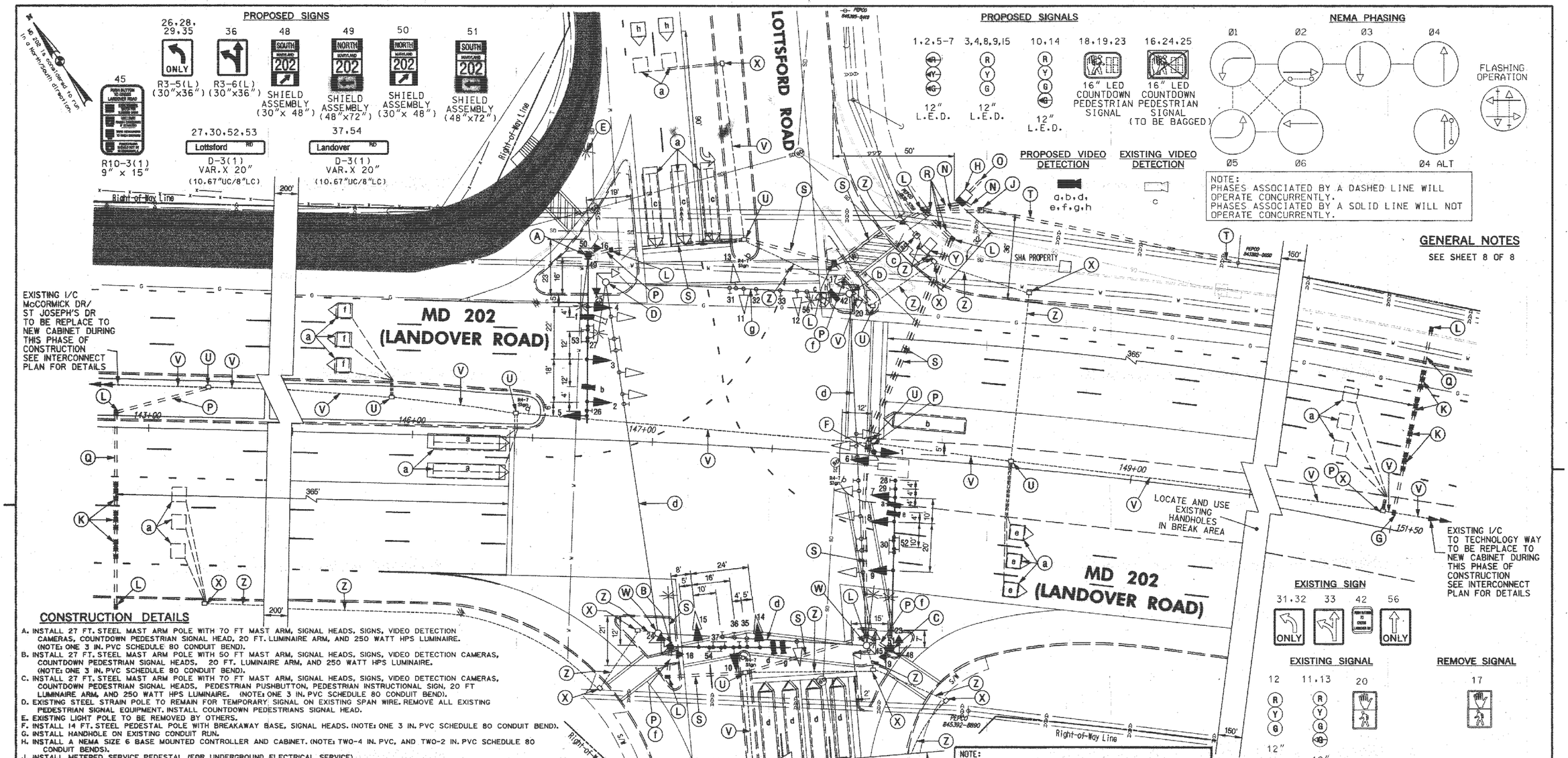

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL MAST ARM POLE WITH 70 FT MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, COUNTDOWN PEDESTRIAN SIGNAL HEAD, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
B. INSTALL 27 FT. STEEL MAST ARM POLE WITH 50 FT MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, COUNTDOWN PEDESTRIAN SIGNAL HEADS, 20 FT. LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
C. INSTALL 27 FT. STEEL MAST ARM POLE WITH 70 FT MAST ARM, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, COUNTDOWN PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSHBUTTON, PEDESTRIAN INSTRUCTIONAL SIGN, 20 FT LUMINAIRE ARM, AND 250 WATT HPS LUMINAIRE. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
D. EXISTING STEEL STRAIN POLE TO REMAIN FOR TEMPORARY SIGNAL ON EXISTING SPAN WIRE. REMOVE ALL EXISTING PEDESTRIAN SIGNAL EQUIPMENT. INSTALL COUNTDOWN PEDESTRIANS SIGNAL HEAD.
E. EXISTING LIGHT POLE TO BE REMOVED BY OTHERS.
F. INSTALL 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, SIGNAL HEADS. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND).
G. INSTALL HANDHOLE ON EXISTING CONDUIT RUN.
H. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
J. INSTALL METERED SERVICE PEDESTAL (FOR UNDERGROUND ELECTRICAL SERVICE).
K. INSTALL NON-INVASIVE MICRO-LOOP PROBE (SET OF 3), CENTER IN TRAVEL LANE
L. INSTALL HANDHOLE.
M. INSTALL 1 IN. LIQUID TIGHT FLEXIBLE CONDUIT FOR LOOP DETECTOR LEAD-IN.
N. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
O. INSTALL 2 IN. CONDUIT FOR PHONE SERVICE BY VERIZON - TRENCHED.
P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
Q. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
R. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
S. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
T. INSTALL 4 IN. CONDUIT - TRENCHED, WITH PULL STRING STUB UP AT BASE OF WOOD POLE FOR AN UNDERGROUND ELECTRICAL SERVICE BY PEPCO.
U. USE EXISTING HANDHOLE.
V. USE EXISTING CONDUIT.
W. REMOVE EXISTING STEEL POLE AND ALL ATTACHED EQUIPMENT.
X. REMOVE EXISTING HANDHOLE.
Y. REMOVE EXISTING CABINET/CONTROLLER.
Z. CAP AND ABANDON EXISTING CONDUIT.
a. ABANDON EXISTING VEHICLE DETECTION.
b. EXISTING STEEL STRAIN POLE TO REMAIN FOR TEMPORARY SIGNAL ON EXISTING SPAN WIRE. REWIRE EXISTING PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON BACK TO NEW CABINET. RE-AIM EXISTING VIDEO CAMERA DETECTOR TO A NEW ZONE, AND ADD NEW VIDEO CAMERA FOR NEW DETECTION ZONE. REMOVE PEDESTRIAN SIGNAL AS SHOWN
c. REMOVE EXISTING ELECTRICAL SERVICE.
d. REMOVE SPAN WIRE AND ALL ATTACHED EQUIPMENT.
e. INSTALL 6 FT. X 22 FT. QUADRUPLE LOOP DETECTOR (3-6-3 TURNS).
f. REMOVE SIDEWALK AS NECESSARY.
g. EXISTING SPAN WIRE TO REMAIN WITH ALL ATTACHED SIGNALS AND SIGNS FOR THE TEMPORARY SIGNAL. SIGNAL HEADS TO BE REWIRED BACK TO NEW CABINET.

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
FUTURE GEOMETRICS
WORK ZONE

UTILITY LEGEND
STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS	
D	RECONSTRUCT SIGNAL FOR NEW GEOMETRICS SHA No. BW0968M82 APRIL 19, 2010
C	ADD PED SIGNALS SHAW LEGS, REVISE STOP LINES AND CROSSWALKS FOR GEOMETRICS SHA No. AT3665185 AUGUST 2004
B	MODIFY DETECTOR FOR NEW GEOMETRICS SHA No. JUNE 1997

STV&BAB
TG/JJD

MOT PHASE 1 OF CONSTRUCTION

MOT-01

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

MD 202 (LARGO ROAD)
AND LOTTSFORD ROAD
LANDOVER, MARYLAND

MOT TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE DEC. 19, 1988 CONTRACT NO. BW0968M82

DESIGNED BY
DRAWN BY M. MEARS
CHECKED BY D. DODA
F.A.P. NO. N/A

COUNTY PRINCE GEORGE'S
LOGMILE 16020208.78
TIME NO. J-981
TOD NO. N/A

TS NO. 2548D | DRAWING SG-01 OF 05 | SHEET NO. 1 OF 8

PLOTTED: Wednesday, April 21, 2010 AT 07:10 AM
FILE: I:\2004\2004-1208\dgn\TEDD\qSIG-F001_MD202-Lottsford-Phase 1.dgn

PLOTTED BY: FHaedel