NOTE:
MD 193 IS ASSUMED TO RUN IN AN EAST–WEST DIRECTION

CONSTRUCTION DETAILS

A. INSTALL CAMERA UNIT, 10' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
A1. INSTALL CAMERA UNIT, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
C. INSTALL 2" PVC SCH 80 COMMS CONDUIT - TRENCHED.
D. INSTALL 2: PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL #5 PULLBOX.
F. USE EXISTING CONDUIT. (REFER TO "RED PROTECTIVE SLEEVE NOTE" ON THIS SHEET)
G. INSTALL SENSYS SENSOR CUBE.
H. EXISTING HAND HOLE
I. EXISTING POWER PEDESTAL (WITH NEW 20 AMP SERVICE PEDESTAL BREAKER).
J. INSTALL 4" PVC SCH 80 COMMS CONDUIT - BORED.
K. USE EXISTING CONDUIT FROM EXISTING HAND HOLE TO EXISTING TRAFFIC CONTROLLER CABINET
(REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

16,22,24, 29,31,37 — S1-1 36" x 36" FY/G — W16-7p(L) 24" x 12" FY/G

17,25, 30,32,38 — S1-1 36" x 36" FY/G — W16-7p(L) 24" x 12" FY/G

18,26 — R3-3(2) 30" x 30"

21,28 — R4-7 24" x 30"

EXISTING SIGNS

23 — W16-7p(L) 24" x 12" FY/G

20 — University BLVD 001> E — D3-1 SINGLE FACE (VAR. X 16")

36 — Colesville RD <10100 — D3-1 SINGLE FACE (VAR. X 16")

33 — ONLY — R3-5R (30" X 36")

35 — ONLY — R3-5L (30" X 36")

39 — EAST & WEST — MARYLAND 193

EXISTING SIGNS

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS COLESVILLE ROAD — 40,42

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS COLESVILLE ROAD — 41,43

R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS UNIVERSITY BLVD — 44,46

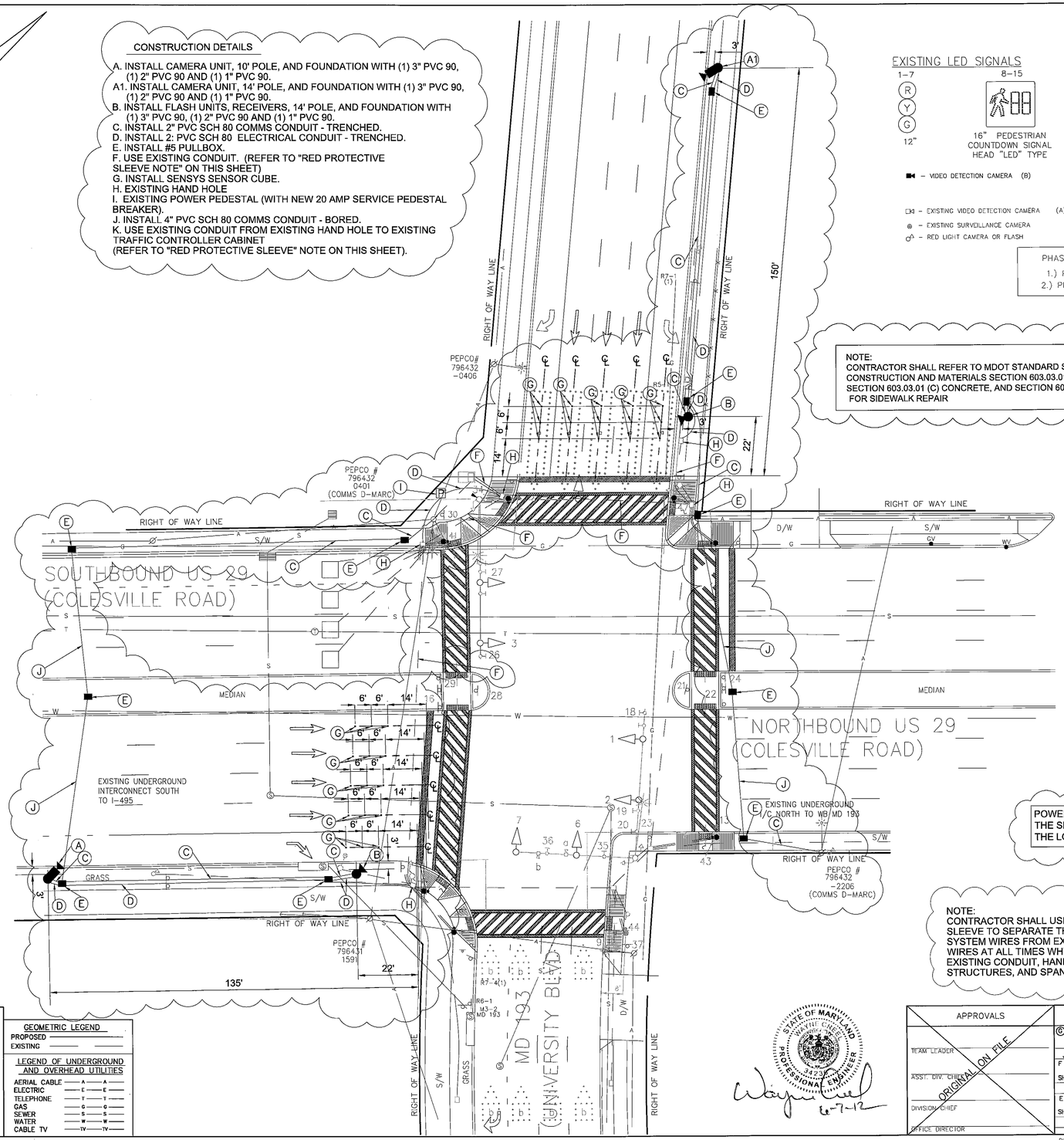
R10-3(1) 9" x 15" — PUSH BUTTON TO CROSS UNIVERSITY BLVD — 45,47

COLESVILLE ROAD — UNIVERSITY BLVD

27 — R3-1 30" x 30"

19 — VOT — TO PEDS — R9-1moc

34 — EAST 495 WEST — NORTH 29 SOUTH — PM-1 (8.5" X 6')



EXISTING LED SIGNALS

1–7: R, Y, G — 12"

8–15: 16" PEDESTRIAN COUNTDOWN SIGNAL HEAD "LED" TYPE

■ – VIDEO DETECTION CAMERA (B)

□ – EXISTING VIDEO DETECTION CAMERA (A)

◎ – EXISTING SURVEILLANCE CAMERA

– RED LIGHT CAMERA OR FLASH

NEMA PHASING

Ø 2, Ø 4, ALT. Ø 4, Ø 6, PRE–EMPTION #2, FLASHING OPERATION

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

NOTE:
CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE:
CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 655.01, MD 655.02, MD 655.11, MD 655.12, AND MD 655.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

NOTE:
CONTRACTOR SHALL INSTALL JET LINE IN NEW COMMS CONDUIT FOR PULLING OF FUTURE CABLE

SPECIAL NOTE:
CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

POWER METER PEDESTALS ARE TO BE PROVIDED BY THE SUBCONTRACTOR PER THE SPECIFICATIONS PROVIDED BY THE D.O.T. AND MEET THE REQUIREMENTS PER THE LOCAL CODE

NOTE:
CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE REDLIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

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

TRAFFIC SIGNAL PLAN
US 29 (COLESVILLE ROAD) NB AND MD 193 (UNIVERSITY BOULEVARD EAST) EB

ACS
A xerox Company
12410 MILESTONE CENTER DR. 4TH FLOOR
GERMANTOWN, MD 20876

GEOMETRIC LEGEND
PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A
ELECTRIC — E — E
TELEPHONE — T — T
GAS — G — G
SEWER — S — S
WATER — W — W
CABLE TV — TV — TV

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

STATE OF MARYLAND WAYNE CHEEK 34236 PROFESSIONAL ENGINEER
6-7-12

REVISIONS
C — RED LIGHT CAMERA INSTALLATION TIMS # L425 AND L448 — 06-06-12 — JSC — RAB
F — INSTALL APS ALONG EB MD 193 SHA NO.: XX4495185 — 8-7-08
E — INSTALL COUNTDOWN PEDS SHA NO. AT5825185 — 8-3-05

SCALE 1"= 20' ADVERTISED DATE 9-1995 CONTRACT NO. M-425-502-370

DESIGNED BY
DRAWN BY
CHECKED BY
F.A.P. NO.
COUNTY MONTGOMERY
LOGMILE 15002902.69
TIMS NO. 1939
TOD NO.

DRAWING NO. 3535-G — OF — SHEET NO. 1 OF 2

PLOTTED: $DATE TIME$
FILE: $FILE$

BY: $USERNAME$
6/7/2012 3:29:01 PM

DRILL HOLES
DRILL HOLES
DRILL HOLES

Border Rev. Date: March 12/02/07