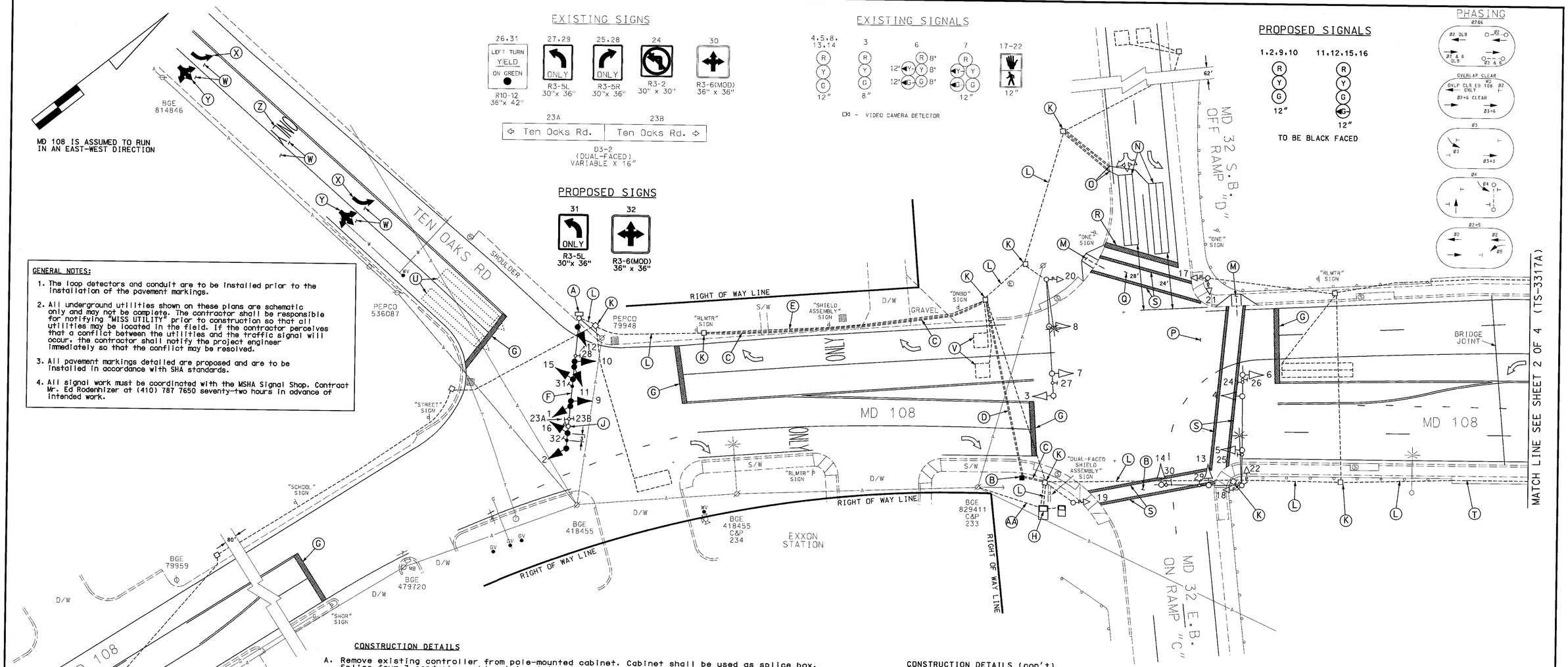

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
2. All underground 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 the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
4. All signal work must be coordinated with the MSHA Signal Shop. Contract Mr. Ed Rodenhizer at (410) 787 7650 seventy-two hours in advance of intended work.

CONSTRUCTION DETAILS

A. Remove existing controller from pole-mounted cabinet. Cabinet shall be used as splice box. Splice four 7-conductor cables (signals) and two 2-conductor aluminium shielded cables onto a 20-conductor cable and run to the controller located at intersection of MD 108 / MD 32 eastbound on ramp. (See Wiring Diagram) Remove existing interconnect cable.

B. Install handhole.

C. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

D. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

E. Cap and abandon existing conduit.

F. Remove existing traffic signal heads and replace with black faced signal heads at same location as shown. (Note: Use existing wiring). Replace existing R10-12 sign with an R5-3L sign and install an R3-6(mod) sign as shown.

G. Remove existing and install new stopline at same location with 24" white, heat applied permanent preformed thermoplastic pavement marking as shown.

H. Install video detection interface equipment into existing base-mounted cabinet and controller. Remove existing 20-conductor cables from cabinet, across bridge and to the existing base-mounted cabinet at the MD 32 W.B. Off Ramp.

J. Remove existing camera cable and install new pre manufactured camera cable. (Note: Camera shall be wired to controller located at intersection of MD 108 / MD 32 eastbound On Ramp (See Wiring Diagram).

K. Use existing handhole.

L. Use existing conduit.

M. Install proposed handicap ramp as shown.

N. Install 6'x 30' loop detector encased in 1/4" flexible tubing quadrupole type (3-6-3)

O. Install 1" galvanized steel electrical conduit (detector wire sleeve).

P. Remove existing stopline and crosswalk, not shown on plan.

Q. Remove existing stopline (not shown on plan).

R. Install proposed 24" white stopline as shown.

CONSTRUCTION DETAILS (con't)

S. Install proposed 12" white crosswalk as shown.

T. Remove existing 20-conductor cables from existing conduit in bridge parapet.

U. Existing video detection area.

V. Disconnect and abandon existing 6'x 6' loop detector.

W. Remove existing pavement marking symbol or letters not shown on plan.

X. Install heat applied permanent preformed pavement marking (left arrow).

Y. Install heat applied permanent preformed pavement marking (left, thru arrow, right arrow).

Z. Install heat applied permanent preformed pavement marking (ONLY).

AA. Existing underground electrical service to be maintained by BGE.

BB. Remove existing crosswalk (not shown on plan).

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 —

REVISION "A"

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REVISIONS

(A) 6-21-02
REMARK CROSSWALKS, STOPLINES. RE-WIRE TEN OAKS TO MD 32 RAMP CABINET
SHA NO.: XX1085185
RRZ

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 108: TEN OAKS ROAD AND MD 32 S.B. OFF RAMP / MD 32 E.B. ON RAMP

DRAWN BY:
CHECKED BY:
SCALE: 1"= 20'
DATE:

F.A.P. NO.
S.H.A. NO. H3620451
COUNTY: HOWARD
LOG MILE: 13010803.69

TS NO. 3318A
T.I.M.S. NO. F068

SHEET NO. 1 OF 4