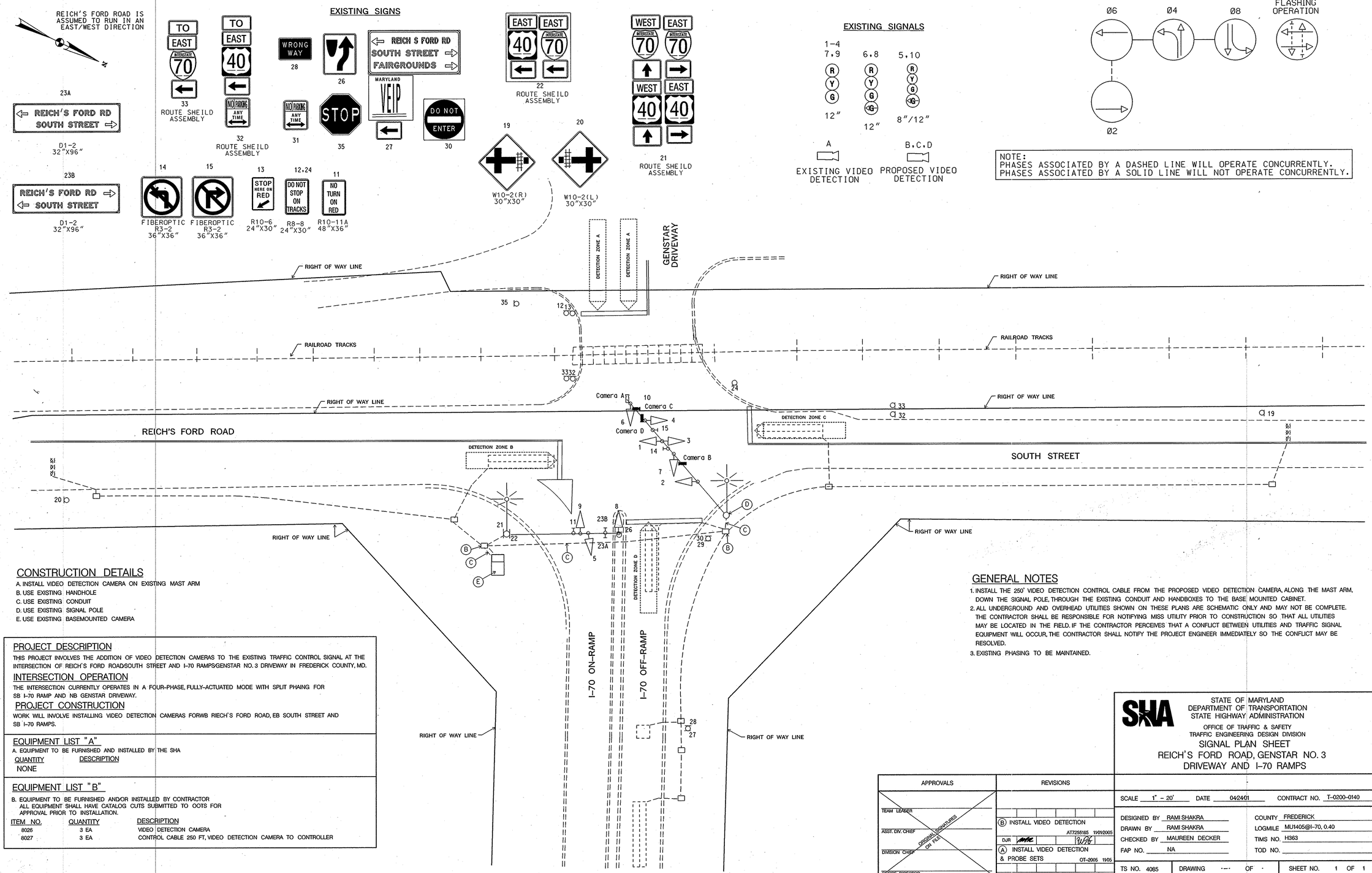


## CONSTRUCTION DETAILS

A. INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM
B. USE EXISTING HANDHOLE
C. USE EXISTING CONDUIT
D. USE EXISTING SIGNAL POLE
E. USE EXISTING BASEMOUNTED CAMERA

## PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE ADDITION OF VIDEO DETECTION CAMERAS TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF REICH'S FORD ROAD/SOUTH STREET AND I-70 RAMPS/GENSTAR NO. 3 DRIVEWAY IN FREDERICK COUNTY, MD.

## INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A FOUR-PHASE, FULLY-ACTUATED MODE WITH SPLIT PHAING FOR SB I-70 RAMP AND NB GENSTAR DRIVEWAY.

## PROJECT CONSTRUCTION

WORK WILL INVOLVE INSTALLING VIDEO DETECTION CAMERAS FORWB RIECH'S FORD ROAD, EB SOUTH STREET AND SB I-70 RAMPS.

## EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE SHA

| QUANTITY | DESCRIPTION |
|---|---|
| NONE | |

## EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.

| ITEM NO. | QUANTITY | DESCRIPTION |
|---|---|---|
| 8026 | 3 EA | VIDEO DETECTION CAMERA |
| 8027 | 3 EA | CONTROL CABLE 250 FT, VIDEO DETECTION CAMERA TO CONTROLLER |

## GENERAL NOTES

1. INSTALL THE 250' VIDEO DETECTION CONTROL CABLE FROM THE PROPOSED VIDEO DETECTION CAMERA, ALONG THE MAST ARM, DOWN THE SIGNAL POLE, THROUGH THE EXISTING CONDUIT AND HANDBOXES TO THE BASE MOUNTED CABINET.
2. ALL UNDERGROUND AND OVERHEAD 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 UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
3. EXISTING PHASING TO BE MAINTAINED.

| APPROVALS | REVISIONS |
|---|---|
| TEAM LEADER | (B) INSTALL VIDEO DETECTION A17255185 11/01/2005 |
| ASST. DIV. CHIEF | DJR |
| DIVISION CHIEF | (A) INSTALL VIDEO DETECTION & PROBE SETS OT-2005 11/05 |
| OFFICE DIRECTOR | |

ORIGINAL SIGNATURES ON FILE

PLOTTED: $DATETIME$
FILE: $FILE$

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

# SIGNAL PLAN SHEET
# REICH'S FORD ROAD, GENSTAR NO. 3 DRIVEWAY AND I-70 RAMPS

SCALE 1" = 20' DATE 04/24/01 CONTRACT NO. T-0200-0140

DESIGNED BY RAMI SHAKRA
DRAWN BY RAMI SHAKRA
CHECKED BY MAUREEN DECKER
FAP NO. NA

COUNTY FREDERICK
LOGMILE MU1405@I-70, 0.40
TIMS NO. H363
TOD NO.

TS NO. 4065 | DRAWING -—- OF - | SHEET NO. 1 OF 1

BY: $USERNAME$