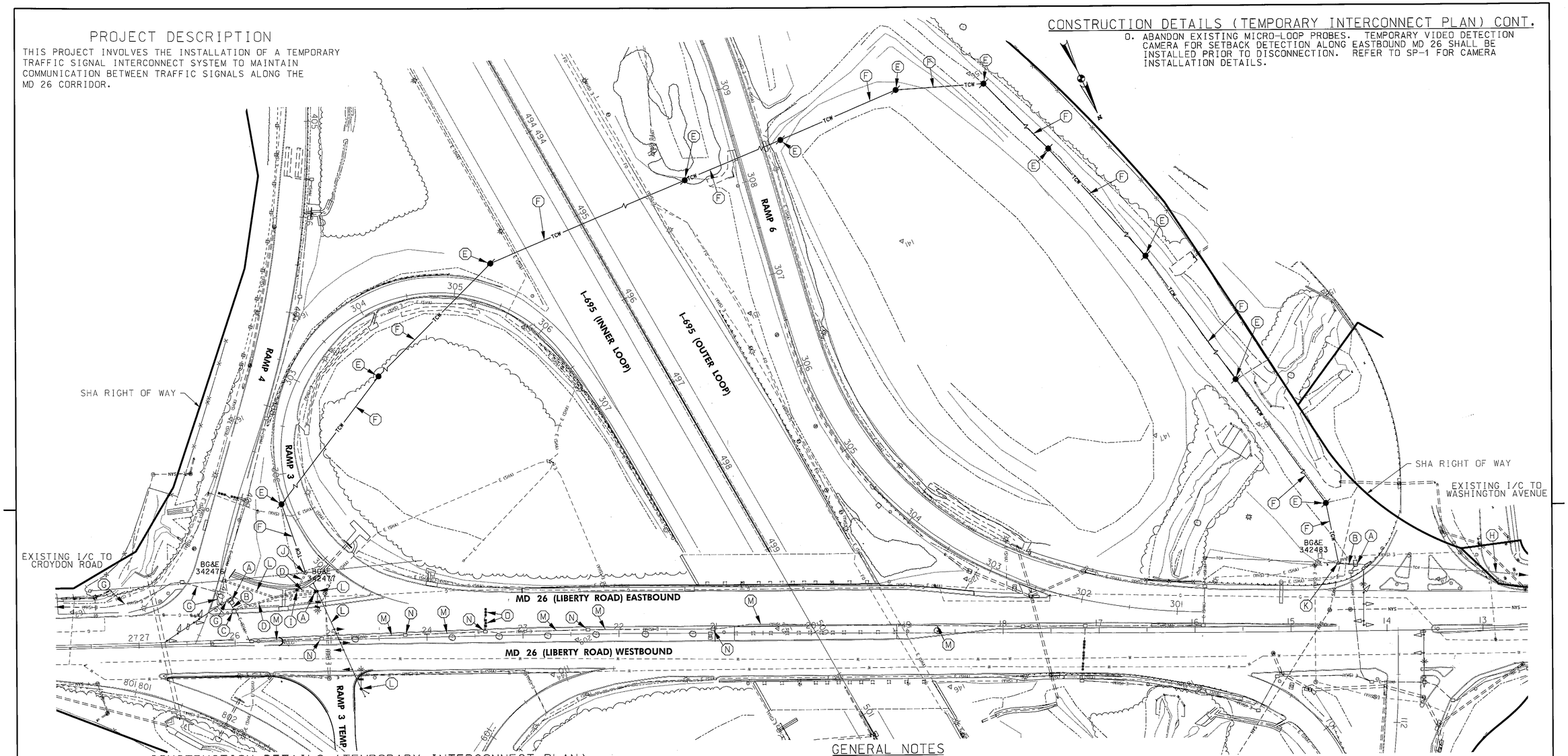
## PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A TEMPORARY TRAFFIC SIGNAL INTERCONNECT SYSTEM TO MAINTAIN COMMUNICATION BETWEEN TRAFFIC SIGNALS ALONG THE MD 26 CORRIDOR.

## CONSTRUCTION DETAILS (TEMPORARY INTERCONNECT PLAN) CONT.

O. ABANDON EXISTING MICRO-LOOP PROBES. TEMPORARY VIDEO DETECTION CAMERA FOR SETBACK DETECTION ALONG EASTBOUND MD 26 SHALL BE INSTALLED PRIOR TO DISCONNECTION. REFER TO SP-1 FOR CAMERA INSTALLATION DETAILS.




## CONSTRUCTION DETAILS (TEMPORARY INTERCONNECT PLAN)

A. USE EXISTING CABINET.

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. CONDUIT SHALL BE BORED UNDER CONCRETE DRAINAGE DITCHES.

E. USE RELOCATED BG&E WOOD UTILITY POLE.

F. INSTALL 12-PAIR COMMUNICATION CABLE, SELF-SUPPORTING (OVERHEAD).

G. EXISTING COMMUNICATIONS CABLE IN EXISTING CONDUIT TO REMAIN.

H. EXISTING OVERHEAD COMMUNICATIONS CABLE TO REMAIN.

I. INSTALL ELECTRICAL HANDHOLE.

J. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT RISER AND 3 INCH WEATHER HEAD ON EXISTING UTILITY POLE.

K. USE EXISTING CONDUIT RISER AND WEATHER HEAD ON EXISTING UTILITY POLE.

L. SIGNAL EQUIPMENT INSTALLED BY TEMPORARY TRAFFIC SIGNAL PLAN (REFER TO SHEET SP-1).

M. ABANDON EXISTING CONDUIT

N. REMOVE EXISTING HANDHOLE

## GENERAL NOTES

1. SEE TRAFFIC SIGNAL PLANS FOR TRAFFIC SIGNAL EQUIPMENT AND CONDUIT LOCATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL INTERCONNECT CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED AND TEMPORARY INTERCONNECT CONDUIT AND HANDHOLES. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. THE TEMPORARY INTERCONNECT SYSTEM SHALL BE INSTALLED AND OPERATIONAL PRIOR TO REMOVAL OF THE EXISTING INTERCONNECT SYSTEM. THE ULTIMATE INTERCONNECT SYSTEM SHALL BE INSTALLED AND OPERATIONAL PRIOR TO REMOVAL OF THE TEMPORARY INTERCONNECT SYSTEM.
5. REMOVAL OF ALL NECESSARY EQUIPMENT SHALL BE INCLUDED IN THE LUMP SUM ITEM 'REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT'.

**GEOMETRIC LEGEND**

- EXISTING
- PROPOSED

**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
- TCW — INTERCONNECT

BY: BJG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| APPROVALS | | REVISIONS |
|---|---|---|
| TEAM LEADER | 10/7/09 | |
| ASST. DIV. CHIEF | 10/7/09 | |
| DIVISION CHIEF | 10/7/09 | |
| OFFICE DIRECTOR | 10/9 | |

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

REPLACEMENT OF BRIDGE NO. 03139 ON I-695 OVER MD 26

TEMPORARY INTERCONNECT PLAN

SCALE 1"=50' DATE SEPTEMBER 2009 CONTRACT NO. BA4625168

DESIGNED BY BJG
DRAWN BY BJG
CHECKED BY BLB
F.A.P. NO. SEE TITLE SHEET
COUNTY BALTIMORE
LOGMILE 03002608.27 TO 03002608.55
T.I.M.S. NO. J927
TOD NO.

TS NO. 4379 IC | DRAWING IC-1 OF 3 | SHEET NO. 202 OF 25

PLOTTED: Friday, September 25, 2009 AT 08:48 AM
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