PROJECT DESCRIPTION

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

CONSTRUCTION DETAILS (ULTIMATE INTERCONNECT PLAN) CONT.

K. EXISTING COMMUNICATIONS CABLE IN EXISTING CONDUIT TO REMAIN.

L. ABANDON EXISTING CONDUIT.

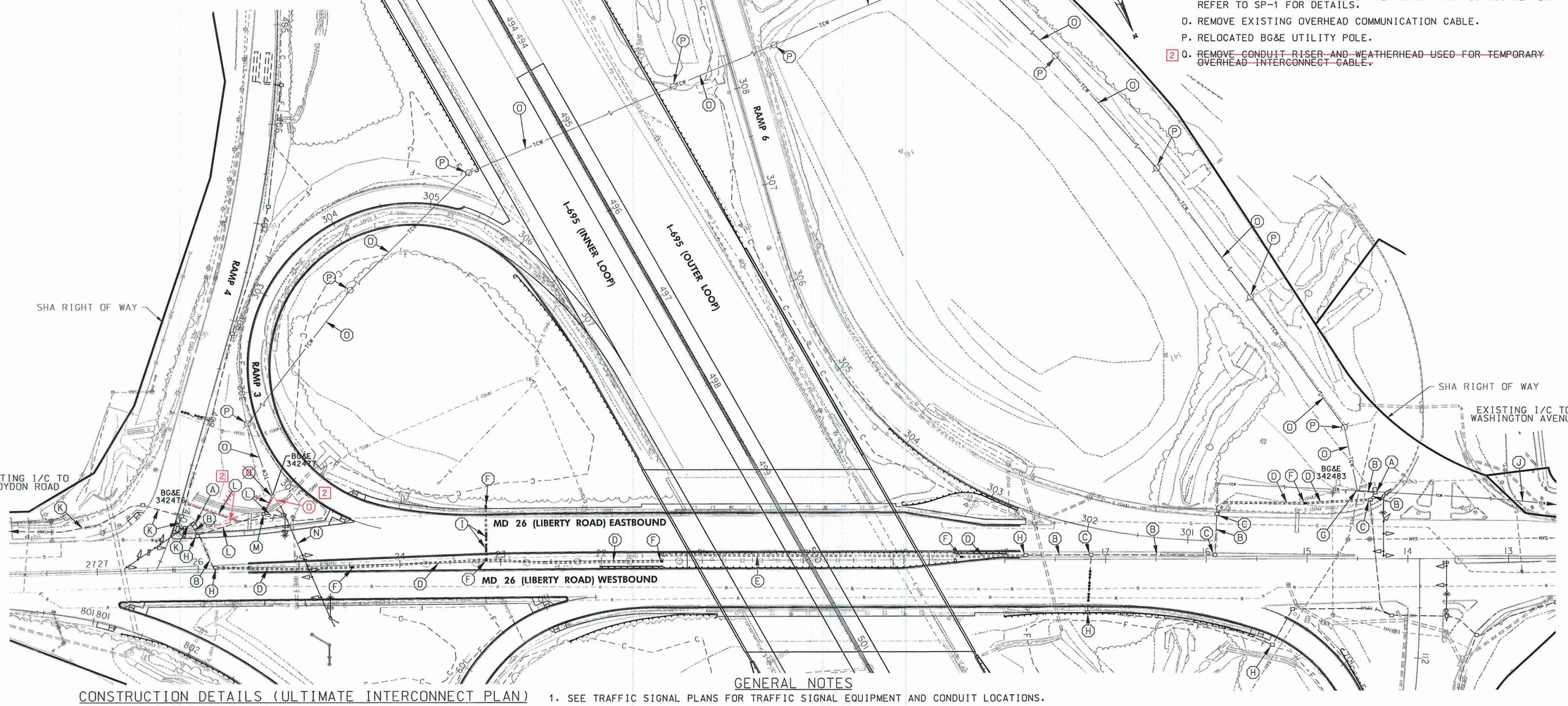
M. REMOVE EXISTING HANDHOLE.

N. TEMPORARY SIGNAL REMOVED BY TEMPORARY TRAFFIC SIGNAL PLAN. REFER TO SP-1 FOR DETAILS.

O. REMOVE EXISTING OVERHEAD COMMUNICATION CABLE.

P. RELOCATED BG&E UTILITY POLE.

2 Q. ~~REMOVE CONDUIT RISER AND WEATHERHEAD USED FOR TEMPORARY OVERHEAD INTERCONNECT CABLE.~~



CONSTRUCTION DETAILS (ULTIMATE INTERCONNECT PLAN)

A. USE EXISTING CABINET.

B. USE EXISTING CONDUIT.

C. USE EXISTING HANDHOLE.

D. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

E. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED. CONDUIT SHALL BE INSTALLED PRIOR TO FINAL BRICK PAVER MEDIAN INSTALLATION.

F. INSTALL ELECTRICAL HANDHOLE.

G. EXISTING CONDUIT RISER AND WEATHERHEAD ON EXISTING UTILITY POLE TO REMAIN.

H. ADJUST HANDHOLE TO FINAL GRADE.

I. INSTALL NON-INVASIVE MICRO-LOOP PROBE SET WITH 3 IN. CARRIER PIPE, BORED. MICRO-LOOP PROBE SETS SHALL BE INSTALLED 295 FT. BEHIND STOP LINE IN THRU LANES ONLY.

J. EXISTING OVERHEAD COMMUNICATIONS CABLE TO REMAIN.

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'.
6. TEMPORARY INTERCONNECT SYSTEM SHALL REMAIN OPERATIONAL FOR THE DURATION OF THE TEMPORARY SIGNAL OPERATION. THE TEMPORARY INTERCONNECT SYSTEM SHALL NOT BE DISCONNECTED PRIOR TO SHUT DOWN OF THE TEMPORARY TRAFFIC SIGNAL.
7. TEMPORARY VIDEO DETECTION CAMERA PROVIDING SETBACK DETECTION ALONG EASTBOUND MD 26 SHALL REMAIN OPERATIONAL UNTIL NON-INVASIVE MICROLOOP PROBES ARE INSTALLED AND OPERATIONAL.

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

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TEAM LEADER	ORIGINAL ON FILE
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DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS
2 REDLINE NO. 2 MODIFY OH I/C 05/12/2010

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

ULTIMATE INTERCONNECT PLAN

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

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

TS NO. 4379 IC | DRAWING IC-2 OF 3 | SHEET NO. 203 OF 254

PLOTTED: Wednesday, May 12, 2010 AT 08:51 AM
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BY: BJG