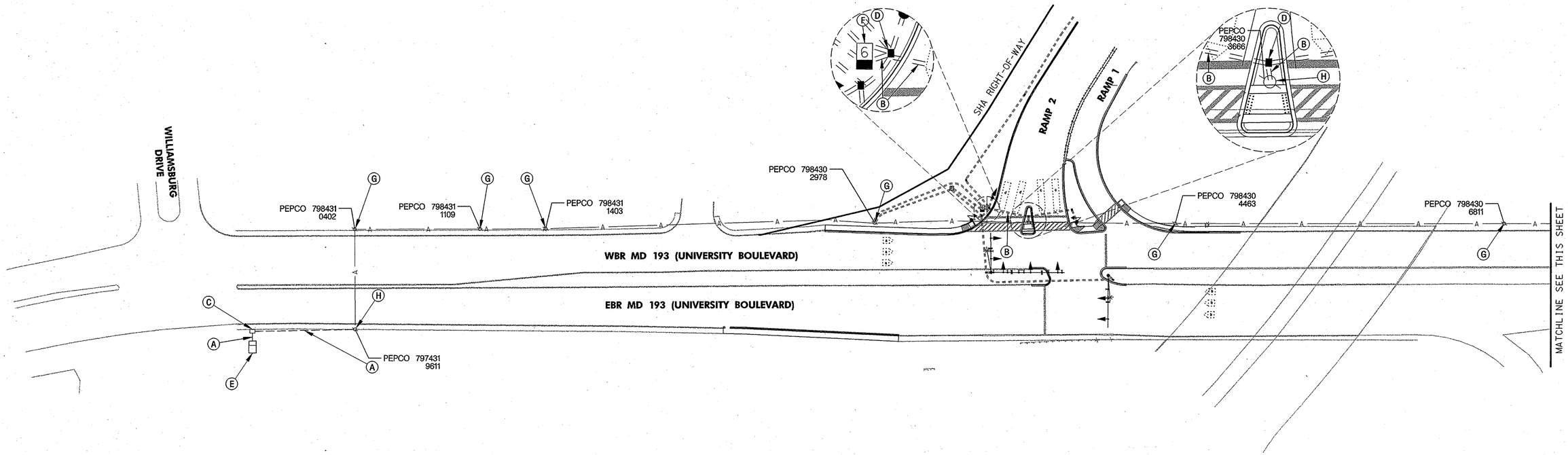

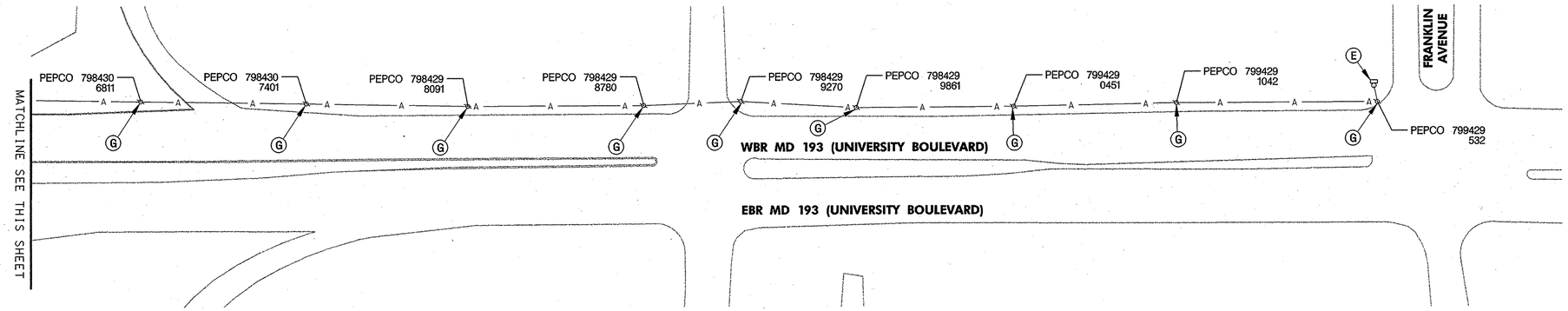

CONSTRUCTION DETAILS

A. USE EXISTING CONDUIT

B. USE CONDUIT INSTALLED AS PART OF TRAFFIC SIGNAL CONSTRUCTION

C. USE EXISTING HANDHOLE

D. USE HANDHOLE INSTALLED AS PART OF TRAFFIC SIGNAL CONSTRUCTION

E. USE EXISTING CABINET / CONTROLLER

F. USE CABINET / CONTROLLER INSTALLED AS PART OF TRAFFIC SIGNAL CONSTRUCTION

G. USE EXISTING UTILITY POLE

H. INSTALL 3 IN. PVC CONDUIT RISER ON EXISTING UTILITY POLE

GENERAL NOTES

1. LASH PROPOSED INTERCONNECT CABLE OVER THE COUNTY'S EXISTING FIBER OPTIC CABLE.
2. MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 12-PAIR SELF SUPPORTING INTERCONNECT CABLE BETWEEN THE EXISTING POLE MOUNTED CABINET AT FRANKLIN AVENUE AND THE NEW TRAFFIC SIGNAL CABINET AT I-495 RAMP. THE SELF-SUPPORTING CABLE FROM THE UNDERGROUND PORTION OF THE INTERCONNECT CABLE SHALL BE REMOVED.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 12-PAIR SELF SUPPORTING INTERCONNECT CABLE BETWEEN THE EXISTING BASE MOUNTED CABINET AT WILLIAMSBURG DRIVE AND THE NEW TRAFFIC SIGNAL CABINET AT I-495 RAMP. THE SELF-SUPPORTING CABLE FROM THE UNDERGROUND PORTION OF THE INTERCONNECT CABLE SHALL BE REMOVED.
5. CONNECTING AND SPLICING OF INTERCONNECT CABLES IN THE TRAFFIC SIGNAL CABINETS SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN INTERCONNECT CABLES INTO THE BASE OF EACH CABINET AND PROPERLY LABEL THEM. CONTACT MR. KAMAL HAMUD AT 240-777-8761 FORTY EIGHT (48) HOURS IN ADVANCE PRIOR TO PULLING INTERCONNECT CABLES.

STV Incorporated
engineers/architects/planners/construction managers
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

UTILITY LEGEND

E	ELECTRIC CABLES	SD	STORM DRAIN
A	AERIAL CABLES	G	GAS MAIN
T	TELEPHONE CABLES	W	WATER MAIN
F	FIBER-OPTIC	S	SEWER MAIN

APPROVALS

Jeffrey A Henkel 10/4/06
TECHNICIAN
Mickey Roach 10-10-06
ASST. DIV. CHIEF
Woody Hood 10/10/06
DIVISION CHIEF
10/17
OFFICE DIRECTOR

REVISIONS

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

MD 193 (UNIVERSITY BOULEVARD) AT I-495 (CAPITAL BELTWAY)

INTERCONNECT PLAN

SCALE 1"=50' DATE 09/2006 CONTRACT NO. MO6235187

DESIGNED BY SBS COUNTY MONTGOMERY
DRAWN BY SBS LOGMILE 1519304.84
CHECKED BY BAB T.I.M.S. NO. H314
F.A.P. NO. SEE TITLE SHEET TOD NO.

DRAWING NO. TS-4521-IC-1 OF SHEET NO. 35 OF 36

PLOTTED: FRIDAY, SEPTEMBER 08, 2006 AT 11:54 AM
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BY: WEAVERCC