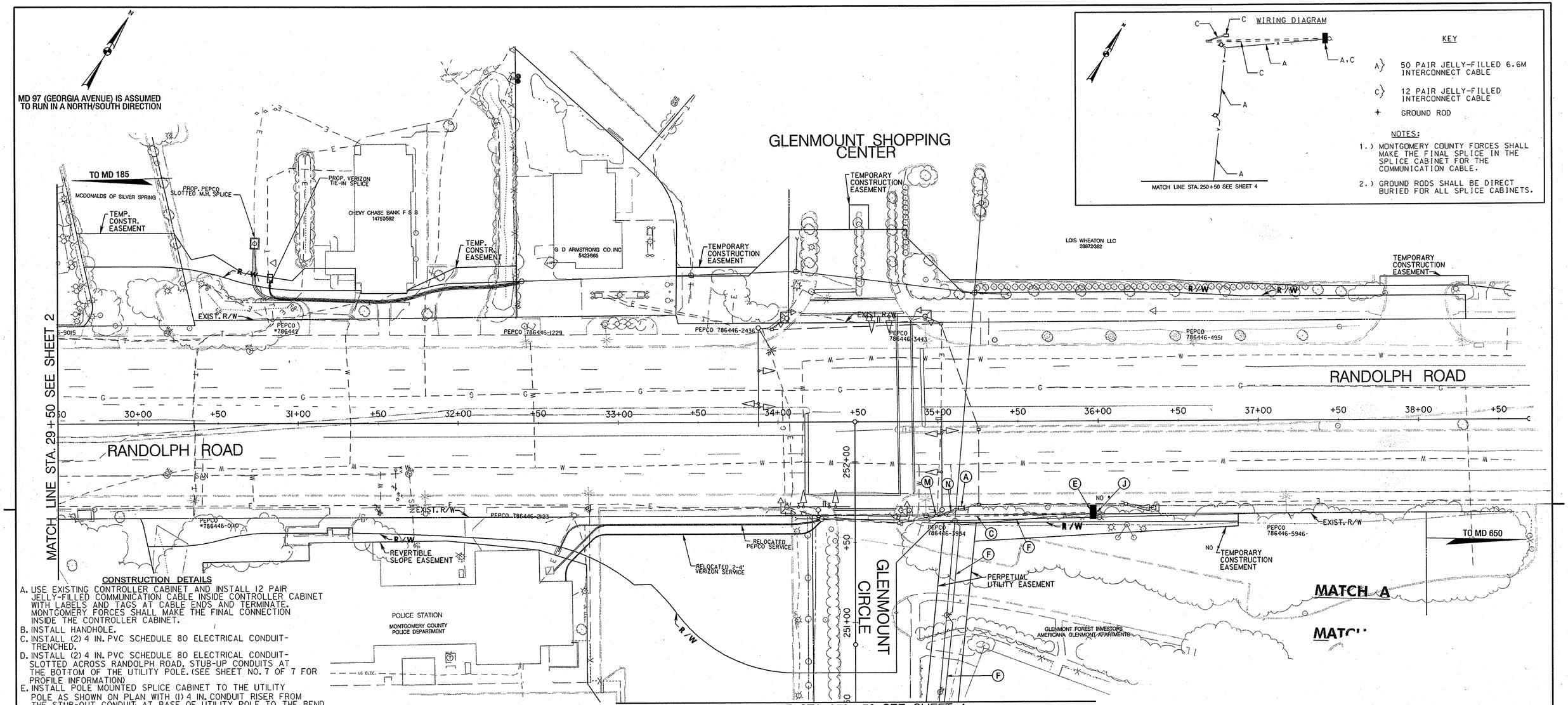

KEY

A) 50 PAIR JELLY-FILLED 6.6M INTERCONNECT CABLE

C) 12 PAIR JELLY-FILLED INTERCONNECT CABLE

+ GROUND ROD

NOTES:

1.) MONTGOMERY COUNTY FORCES SHALL MAKE THE FINAL SPLICE IN THE SPLICE CABINET FOR THE COMMUNICATION CABLE.

2.) GROUND RODS SHALL BE DIRECT BURIED FOR ALL SPLICE CABINETS.

CONSTRUCTION DETAILS

A. USE EXISTING CONTROLLER CABINET AND INSTALL 12 PAIR JELLY-FILLED COMMUNICATION CABLE INSIDE CONTROLLER CABINET WITH LABELS AND TAGS AT CABLE ENDS AND TERMINATE. MONTGOMERY FORCES SHALL MAKE THE FINAL CONNECTION INSIDE THE CONTROLLER CABINET.
B. INSTALL HANDHOLE.
C. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED.
D. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-SLOTTED ACROSS RANDOLPH ROAD, STUB-UP CONDUITS AT THE BOTTOM OF THE UTILITY POLE. (SEE SHEET NO. 7 OF 7 FOR PROFILE INFORMATION)
E. INSTALL POLE MOUNTED SPLICE CABINET TO THE UTILITY POLE AS SHOWN ON PLAN WITH (1) 4 IN. CONDUIT RISER FROM THE STUB-OUT CONDUIT AT BASE OF UTILITY POLE TO THE BEND AT BASE OF THE SPLICE CABINET, THE SECOND 4 IN. CONDUIT RISER SHALL BE INSTALLED BY DRILLING HOLE OUT THE BACK OF THE CABINET WITH LB CONDULET AND FITTINGS. THE RISER SHALL BE A HEIGHT OF 22 FT. FROM GRADE UP THE UTILITY POLE. (NOTE: ONE 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT BEND).
F. USE UTILITY POLE AND INSTALL 50 PAIR JELLY-FILLED COMMUNICATION CABLE AND 1/4 DIAMETER SPAN WIRE WITH MESSAGER RINGS ATTACHED TO SPAN WIRE.
G. INSTALL "G" SIZE PEDESTAL MOUNTED SPLICE CABINET. (NOTE: ONE 4 IN. PVC SCHEDULE 80 CONDUIT BEND).
H. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED ACROSS JUDSON ROAD AND GRANVIEW AVENUE.
J. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED, STUB UP CONDUIT BEND AT THE BASE OF UTILITY POLE, ONE SHALL BE ATTACHED TO POLE MOUNTED CABINET THE SECOND CONDUIT SHALL ATTACH TO A RISER UP THE UTILITY POLE 22 FT. FROM GRADE.
K. DISCONNECT, PULLBACK, AND RE-ROUTE EXISTING COMMUNICATION CABLE TO NEW SPLICE CABINET LOCATION.
L. REMOVE EXISTING SPLICE CABINET AND DISPOSE OF IT.
M. USE EXISTING HANDHOLE.
N. USE EXISTING CONDUIT.
O. INSTALL (2) 4 IN. PVC SCHEDULE 80 CONDUIT RISER AT A HEIGHT OF 22 FT. TO LAMINATED POLE AND STUB-UP CONDUITS.
P. INSTALL (2) 4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT-TRENCHED. STUB-UP CONDUIT AT THE BASE OF LAMINATED POLE.
Q. USE EXISTING STRAIN POLE.
R. USE EXISTING SPAN WIRE AND INSTALL JELLY-FILLED COMMUNICATION CABLE.
S. USE EXISTING STRAIN POLE AND INSTALL 50 PAIR JELLY-FILLED COMMUNICATION CABLE.
C. INSTALL (2) 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT-TRENCHED. (SEE SHEET NO. 7 OF 7 FOR PROFILE INFORMATION)

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING ALL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE END.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATICS 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 PRECEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. MONTGOMERY COUNTY FORCES SHALL MAKE THE FINAL CONNECTIONS INSIDE SPLICE CABINET TO CONTROLLER.
4. THE INSTALLATION OF THE INTERCONNECT CABLE SHALL CONFORM TO PROVISIONS OF TELCORDIA'S BLUE BOOK MANUAL OF CONSTRUCTION PROCEDURES SR-1421 LASTEST ISSUE AND TO THE PROVISIONS OF ANSI NATIONAL ELECTRICAL SAFETY CODE. THE NATIONAL ELECTRICAL CODE, MONTGOMERY COUNTY ELECTRICAL SAFETY CODE AND OSHA. WHERE CODES CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING A LOCATION OF MONTGOMERY COUNTIES' EQUIPMENT TO INCLUDE BUT NOT LIMITED TO INTERCONNECT CABLE, FIBER OPTIC CABLE AND SIGNAL EQUIPMENT, EITHER OVERHEAD OR UNDERGROUND SEVENTY-TWO (72) HOURS IN ADVANCE OF INTENDED WORK. CONTACT MCDPW&T AT 240-777-2100 TO COORDINATE A DATE AND TIME FOR AN ON-SITE LOCATION WITH A DESIGNATED CONTRACTOR REPRESENTIVE.
6. DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES. CONTACT MR. KAMAL HAMUD AT 240-777-8761 SEVENTY-TWO (72) HOURS IN ADVANCE OF ANY INTENDED INTERCONNECT WORK. INTENDED WORK INCLUDES RELOCATING INSTALLING OR MOVING ANY INTERCONNECT CABLE.
7. DISCONNECTING OF FIBER OPTIC CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY FORCES ONLY. CONTACT MR. KAMAL HAMUD AT 240-777-8761 SEVENTY-TWO (72) HOURS IN ADVANCE OF ANY INTENDED INTERCONNECT WORK. INTENDED WORK INCLUDES RELOCATING, OR MOVING ANY FIBER OPTIC CABLE.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

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

BY: Smith

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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 97 (GEORGIA AVENUE) AT RANDOLPH ROAD

GLENMOUNT, MARYLAND

INTERCONNECT PLAN

SCALE 1" = 30'	DATE 7/03/2008	CONTRACT NO. MO8545171
DESIGNED BY S. SMITH		COUNTY MONTGOMERY
DRAWN BY S. SMITH		LOGMILE 15009704.46
CHECKED BY J. WEAVER		T.I.M.S. NO. F 915
F.A.P. NO.		TOD NO.
TS NO. 2392	DRAWING 3 OF 7	SHEET NO. 48 OF 85

PLOTTED: Tuesday, July 08, 2008 AT 11:21 AM
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