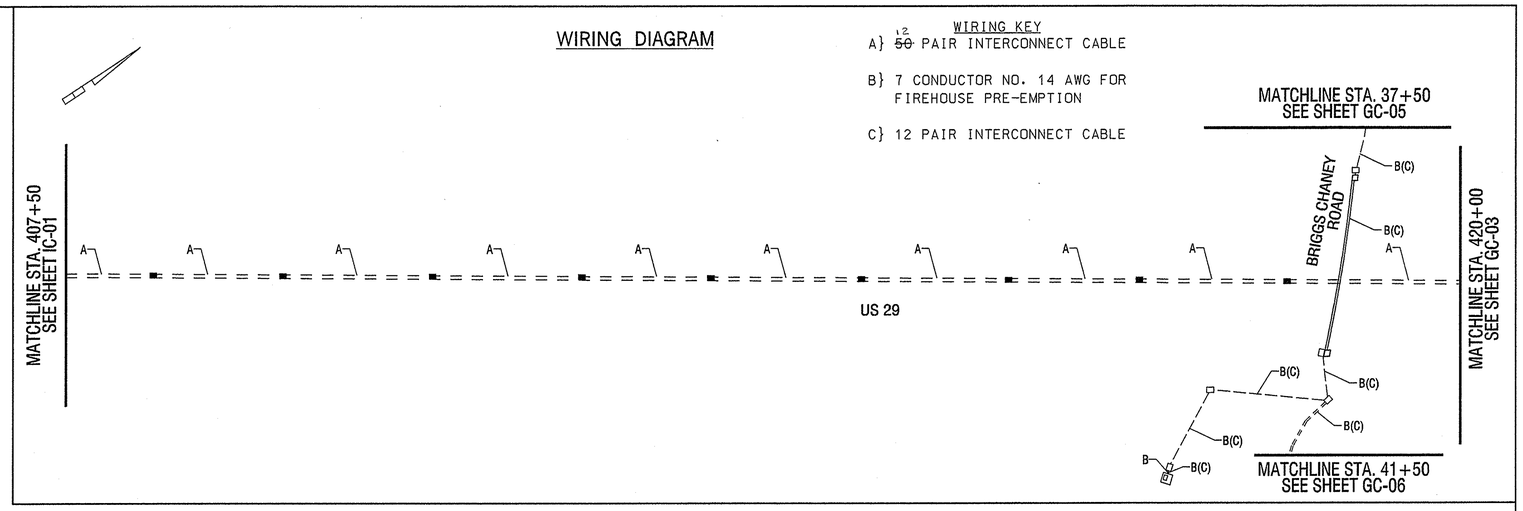
WIRING DIAGRAM

WIRING KEY

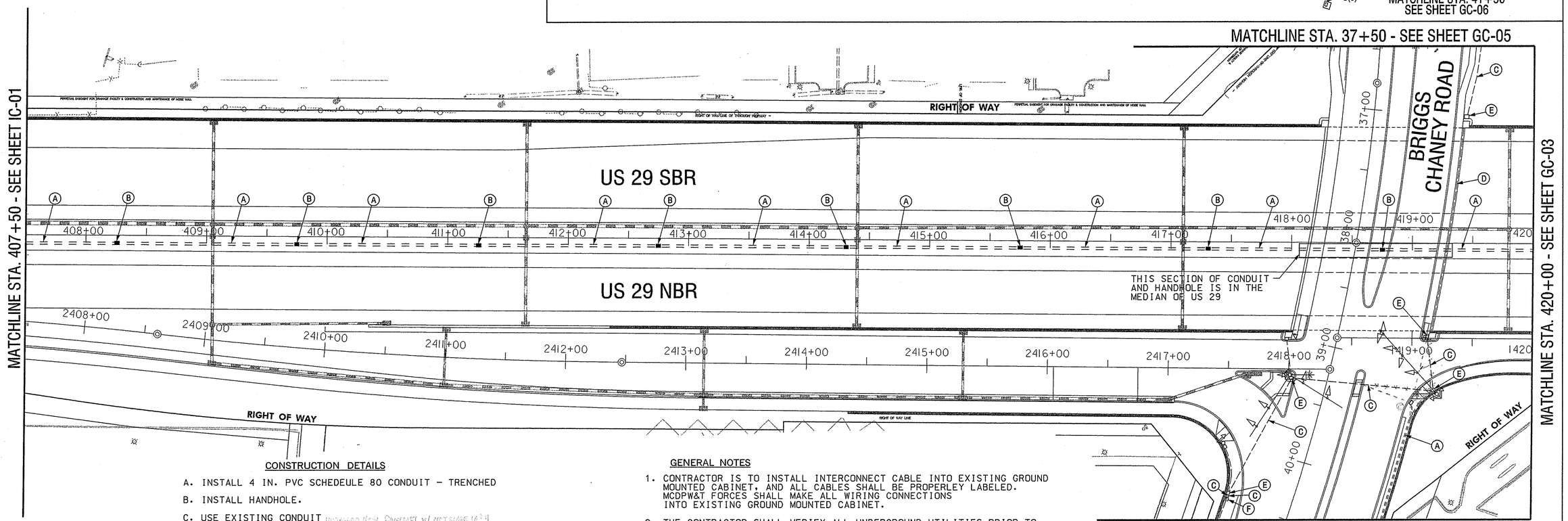
A} ~~50~~ 12 PAIR INTERCONNECT CABLE

B} 7 CONDUCTOR NO. 14 AWG FOR FIREHOUSE PRE-EMPTION

C} 12 PAIR INTERCONNECT CABLE



US 29 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION



CONSTRUCTION DETAILS

A. INSTALL 4 IN. PVC SCHEDEULE 80 CONDUIT - TRENCHED

B. INSTALL HANDHOLE.

C. USE EXISTING CONDUIT INSTALLED NEW CONDUIT w/ MPT STAGE 1A & 4

D. USE EXISTING CONDUIT IN BRIDGE AND INSTALL 7 CONDUCTOR CABLE FOR FIREHOUSE PRE-EMPTION, AND 12 PAIR CABLE FOR INTERCONNECT. INSTALLED NEW CONDUIT w/ MPT STAGE 1A & 4

E. USE EXISTING HANDHOLE. INSTALLED NEW CONDUIT w/ MPT STAGE 1A & 4 CONSTRUCTION

F. USE EXISTING BASE MOUNTED CABINET AND INSTALL 12 PAIR INTERCONNECT CABLE AND 7 CONDUCTOR CABLE FOR FIREHOUSE PRE-EMPTION.

GENERAL NOTES

1. CONTRACTOR IS TO INSTALL INTERCONNECT CABLE INTO EXISTING GROUND MOUNTED CABINET, AND ALL CABLES SHALL BE PROPERLEY LABELED. MCDPW&T FORCES SHALL MAKE ALL WIRING CONNECTIONS INTO EXISTING GROUND MOUNTED CABINET.

2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING INTERCONNECT EQUIPMENT; IF THERE ARE ANY CONFLICTS WITH UTILITIES THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER. THE CONTRACTOR IS TO CALL MCDPW&T AT 240-777-2190 TO MARK ALL EXISTING UNDERGROUND SIGNAL EQUIPMENT BEFORE DIGGING.

GC-02

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
C-T	CABLE TV

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT PLAN/FIRE HOUSE PRE-EMPTION

US 29 AT BRIGGS CHANEY ROAD INTERCHANGE IMPROVEMENTS

DRAWN BY:	S. SMITH/M. RAFFLE	F.A.P. NO.	SEE TITLE SHEET	TS NO.	SHEET NO.
CHECKED BY:		S.H.A. NO.	M08685170		
SCALE:	1" = 40'	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE:	FEBRUARY, 2003	LOG MILE:		F-357	446 OF 504

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