WIRING DIAGRAM

WIRING KEY

A} 12 PAIR INTERCONNECT CABLE

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

C} EXISTING CABLE FROM FIRE HOUSE

CONSTRUCTION DETAILS

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

B. INSTALL 12 PAIR INTERCONNECT CABLE INTO EXISTING BASE MOUNTED CABINET

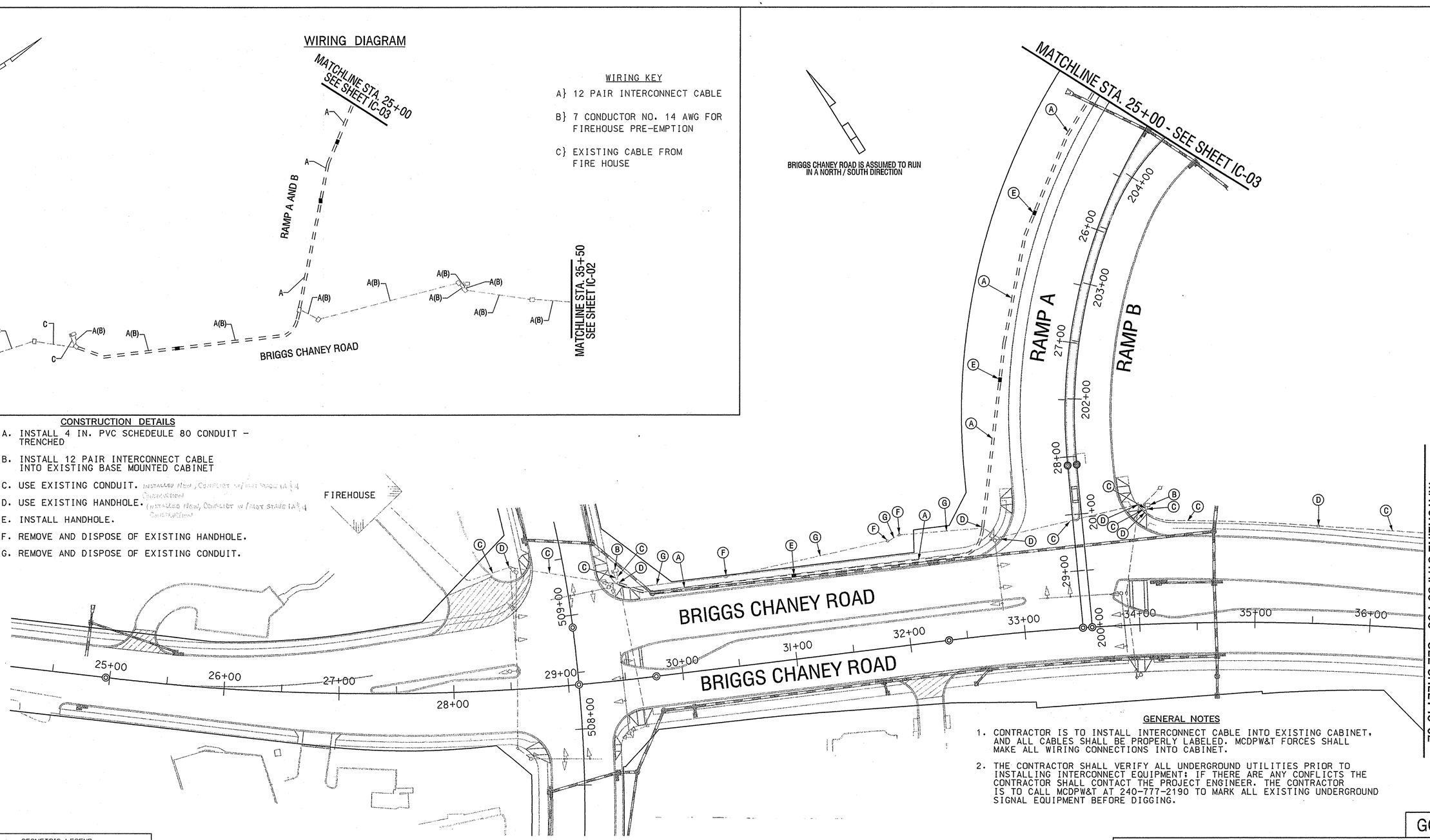
C. USE EXISTING CONDUIT. INSTALLED NEW, CONFLICT W/ PHASE IA & 4 CONSTRUCTION

D. USE EXISTING HANDHOLE. INSTALLED NEW, CONFLICT W/ PHASE IA & 4 CONSTRUCTION

E. INSTALL HANDHOLE.

F. REMOVE AND DISPOSE OF EXISTING HANDHOLE.

G. REMOVE AND DISPOSE OF EXISTING CONDUIT.



GENERAL NOTES

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

2. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING INTERCONNECT EQUIPMENT; IF THERE ARE ANY CONFLICTS 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-05

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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Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT PLAN /FIRE 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.	
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