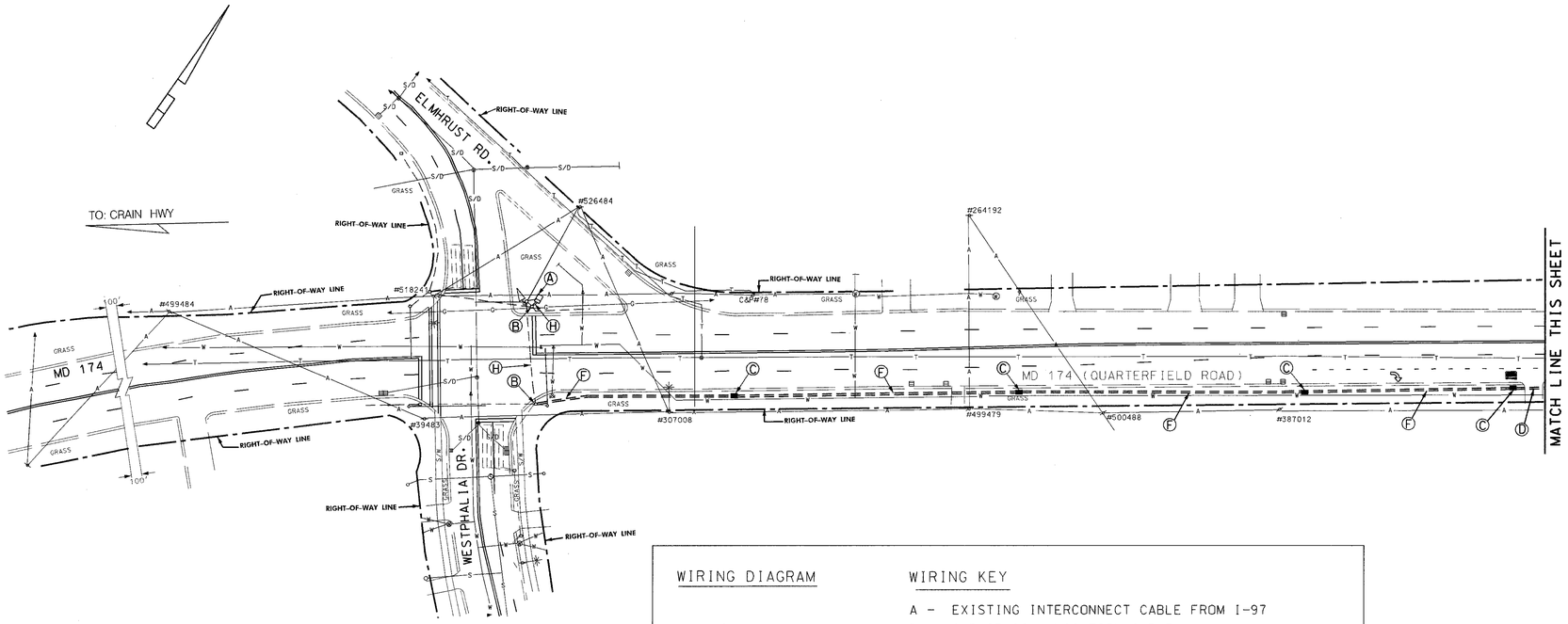
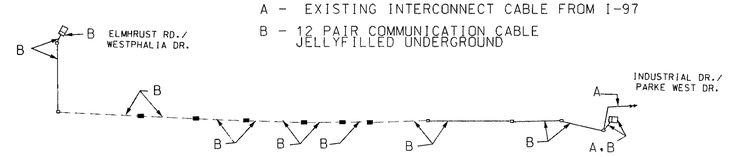


WIRING DIAGRAM



WIRING KEY

A - EXISTING INTERCONNECT CABLE FROM I-97

B - 12 PAIR COMMUNICATION CABLE
JELLYFILLED UNDERGROUND

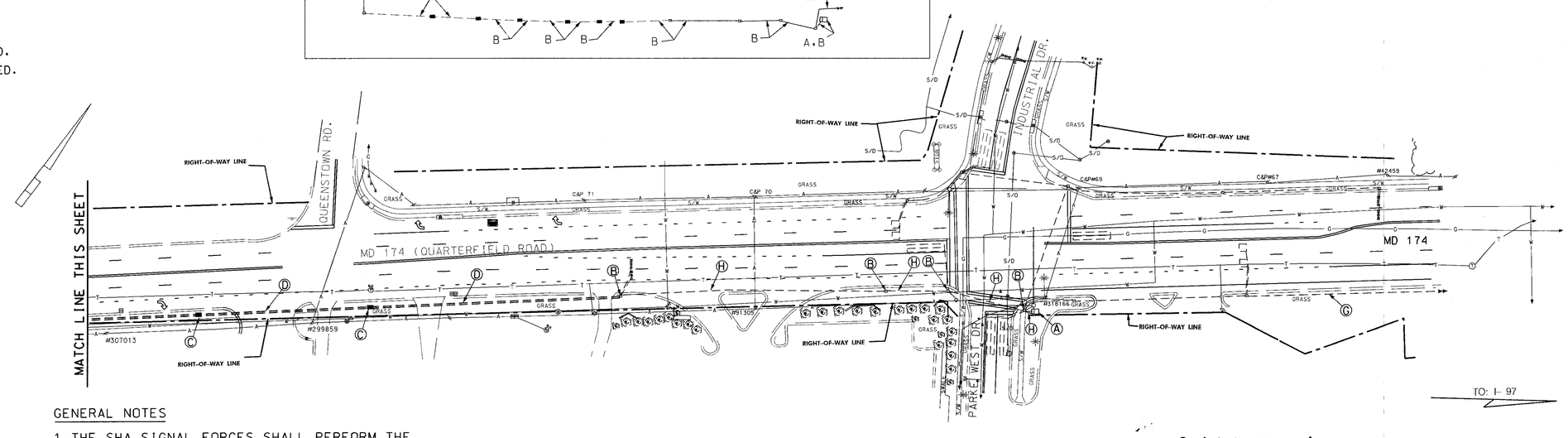
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF INTERCONNECT CABLE ALONG MD 174 (QUARTERFIELD ROAD) TO LENGTHEN THE EXTISTING SYSTEM. THE MASTER CONTROLLER IS LOCATED AT INDUSTRIAL DRIVE/ PARKE WEST DRIVE.

ELMHRUST ROAD/ WESTPHALIA DRIVE SHALL BE INTERCONNECTED WITH INDUSTRIAL DRIVE/PARKE WEST DRIVE. MD 100 WESTBOUND OFF RAMP SHALL BE INTERCONNECTED WITH OLD STAGE ROAD.

CONSTRUCTION DETAILS

A. USE EXISTING CONTROLLER AND CABINET.
B. USE EXISTING HANDHOLE.
C. INSTALL HANDHOLE.
D. INSTALL 4" SCHD 80 PVC CONDUIT- BORED.
E. INSTALL 4" SCHD 80 PVC CONDUIT- TRENCHED.
F. INSTALL 3" SCHD 80 PVC CONDUIT - TRENCHED.
G. EXISTING INTERCONECT CABLE ROUTE.
H. USE EXISTING CONDUIT.



GENERAL NOTES

1. THE SHA SIGNAL FORCES SHALL PERFORM THE INTERNAL WIRING TO THE EXISTING CONTROLLERS.

2. THE CONTRACTOR SHALL CONTRACT EDWARD RODENHIZER SEVENTY-TWO HOURS PRIOR TO THE INSTALLATION OF THE INTERCONNECT CABLE INTO THE EXISTING CABINET.

3. ALL UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATION IN THE FIELD. IF THE CONTRACTOR PERCEIVES A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND	
G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
E — E	ELECTRIC CABLES
A — A	AERIAL CABLES
T — T	TELEPHONE CABLES

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204

REVISIONS

APPROVALS FOR SHEETS 1 AND 2

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

12-14-04
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

12-14-04
DIRECTOR, TRAFFIC & SAFETY

SHA#: AA380A54/B54 TOD#: AT582-20

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
INTERCONNECT SIGNAL PLAN

MD 174 (QUARTERFIELD RD.) FROM PARKE WEST DR./ INDUSTRIAL DR. TO ELMHRUST RD./WESTPHALIA DR.

DRAWN BY:	EMM	F.A.P. NO.		TS NOS. I/C-1908D & I/C-2379	SHEET NO.
CHECKED BY:	EMM/TH	S.H.A. NO.	AT5825185		
SCALE:	1"= 50'	COUNTY:	ANNE ARUNDEL		
DATE:	12/2/04	LOG MILE:	02017404.39 TO 4.66	T.I.M.S. NO. G635	1 OF 2

o:\TRANSDWG\22171\TASK58\174_@elmhrust.dgn 12/2/2004