



US 40 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

MATCH LINE BELOW

MATCH LINE ABOVE

**CONSTRUCTION DETAILS**

- A. 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED (SEE SIGNAL PLAN)
- B. ELECTRICAL HANDHOLE (SEE SIGNAL PLAN)
- C. 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED (SEE SIGNAL PLAN)
- D. 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED (SEE SIGNAL PLAN)
- E. BASE MOUNTED CABINET AND CONTROLLER (SEE SIGNAL PLAN)
- F. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- G. INSTALL ELECTRICAL HANDHOLE
- H. USE EXISTING HANDHOLE
- J. USE EXISTING 4 IN. CONDUIT
- K. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- L. REMOVE EXISTING HANDHOLE
- M. CAP AND ABANDON EXISTING CONDUIT
- N. 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED (SEE SIGNAL PLAN)

SEE SPECIAL NOTE #2

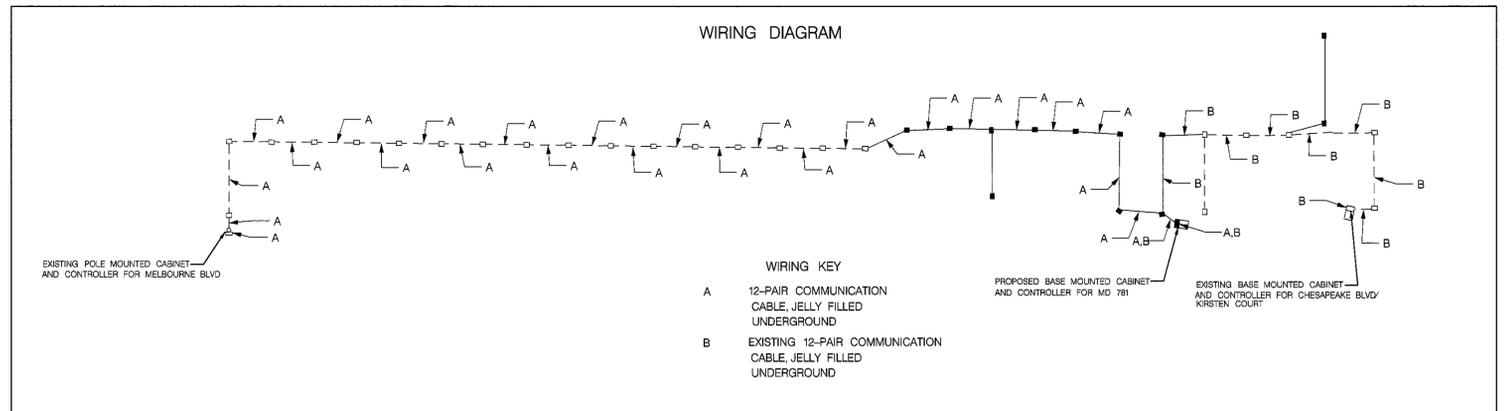
SEE SPECIAL NOTE #1

**SPECIAL NOTE:**

1. DISCONNECT EXISTING 12-PAIR COMMUNICATION CABLE FROM THIS EXISTING POLE MOUNTED CABINET AND CONTROLLER (MD 781 TO CHESAPEAKE BLVD IC).
2. PULL-BACK TO THIS EXISTING HANDHOLE AND RE-ROUTE THROUGH PROPOSED CONDUIT TO PROPOSED BASE MOUNTED CABINET AND CONTROLLER.

3150 ADDITIONAL FT. FROM THIS HANDHOLE TO POLE MOUNTED CONTROLLER AT MELBOURNE BLVD

**WIRING DIAGRAM**



**WIRING KEY**

- A 12-PAIR COMMUNICATION CABLE, JELLY FILLED UNDERGROUND
- B EXISTING 12-PAIR COMMUNICATION CABLE, JELLY FILLED UNDERGROUND

**GENERAL NOTES**

1. REMOVE ALL EXISTING 12-PAIR COMMUNICATION CABLE FROM THE EXISTING POLE MOUNTED CONTROLLER AT US 40 AND MELBOURNE BLVD TO THE EXISTING BASE MOUNTED CONTROLLER AT US 40 AND CHESAPEAKE AVE/KIRSTEN COURT.
2. PLEASE SEE SIGNAL PLANS TS. NO. 3595-B US 40 AND MD 781 AND TS. NO. 4319-A US 40 AND CHESAPEAKE BOULEVARD/KIRSTEN COURT FOR ADDITIONAL INFORMATION.
12. ALL CONTROLLER CABINET WIRING SHALL BE PERFORMED BY THE SHA SIGNAL SHOP. PLEASE CONTACT MR. ED RODENHIZER AT (410) 787-7650 72 HOURS PRIOR TO INTENDED SIGNAL WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
6. ALL EXISTING TRAFFIC SIGNAL CABLE TO BE REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL WORK.

GEOMETRIC LEGEND	
	EXISTING
	PROPOSED
UTILITY LEGEND	
	STORM DRAIN
	GAS MAIN
	WATER MAIN
	SEWER MAIN
	ELECTRIC CABLES
	AERIAL CABLES
	TELEPHONE CABLES
	FIBER-OPTIC

m:\1300\03-1322\Interconnect.dgn oct. 27, 2004 12:51:09

**TRAFFIC CONCEPTS, INC.**  
 325 Gambrills Road  
 Suite E  
 Gambrills, MD 21054  
 (410) 923-7101

FAX (410) 923-6473 EMAIL: TRACONCEPT@AOL.COM

REVISIONS	APPROVALS								
	<table border="1"> <tr> <td>TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION</td> <td></td> </tr> <tr> <td>ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</td> <td></td> </tr> <tr> <td>CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION</td> <td></td> </tr> <tr> <td>DIRECTOR, OFFICE OF TRAFFIC &amp; SAFETY</td> <td></td> </tr> </table>	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION		ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION									
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION									
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION									
DIRECTOR, OFFICE OF TRAFFIC & SAFETY									

**SHA** MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
 Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
 INTERCONNECT PLAN  
 US 40 AT MELBOURNE BLVD TO CHESAPEAKE BLVD/KIRSTEN CT

DRAWN BY: MO	F.A.P. NO. N/A	TS NO. 3595-B-1C	SHEET NO. 2 OF 5
CHECKED BY: TZ	S.H.A. NO. BW996M82	T.I.M.S. NO. G400	
SCALE: 1" = 40'	COUNTY: CECIL	LOG MILE: 07004017.05	
DATE: 10/20/2004			