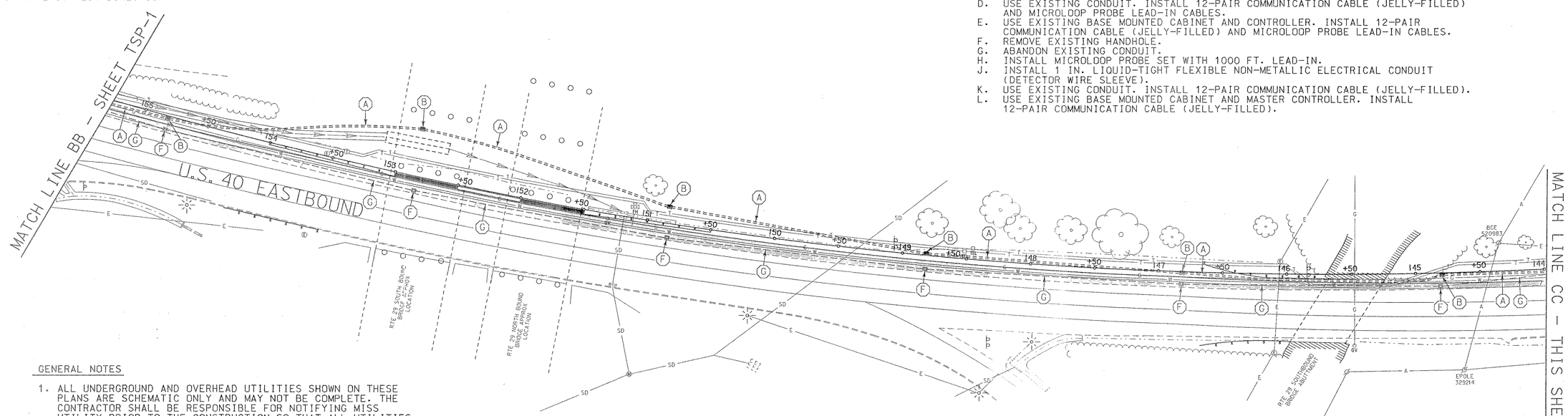
U.S. 40 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

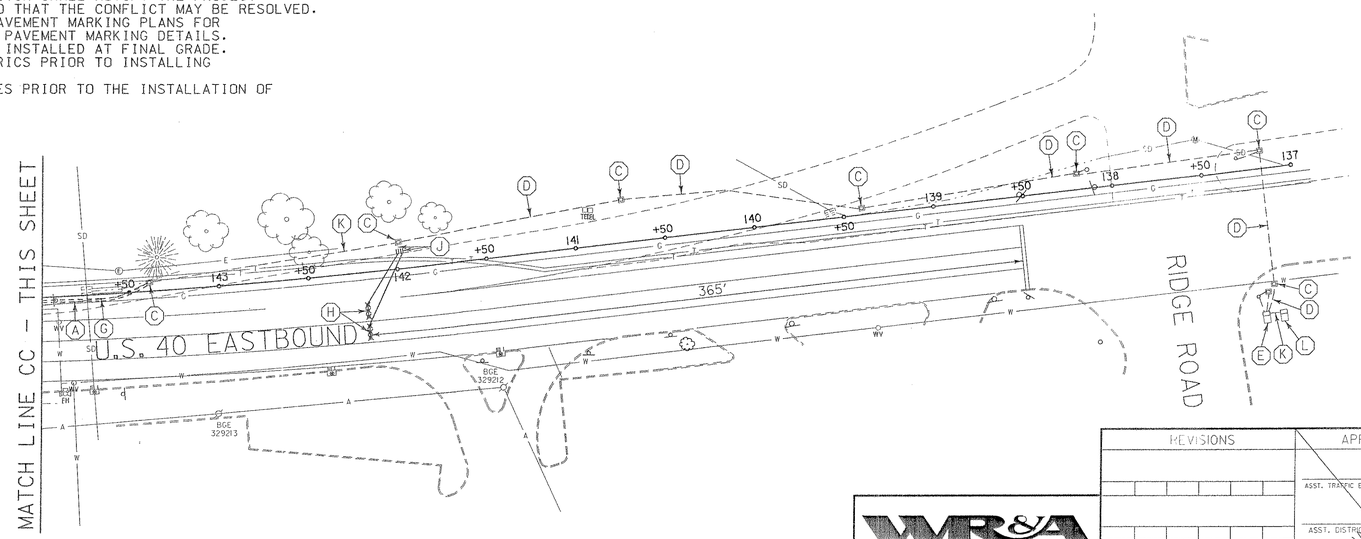
CONSTRUCTION DETAILS

A. INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED). INSTALL 12-PAIR COMMUNICATION CABLE (JELLY-FILLED).
B. INSTALL HANDHOLE.
C. USE EXISTING HANHOLE.
D. USE EXISTING CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE (JELLY-FILLED) AND MICROLOOP PROBE LEAD-IN CABLES.
E. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. INSTALL 12-PAIR COMMUNICATION CABLE (JELLY-FILLED) AND MICROLOOP PROBE LEAD-IN CABLES.
F. REMOVE EXISTING HANDHOLE.
G. ABANDON EXISTING CONDUIT.
H. INSTALL MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN.
J. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
K. USE EXISTING CONDUIT. INSTALL 12-PAIR COMMUNICATION CABLE (JELLY-FILLED).
L. USE EXISTING BASE MOUNTED CABINET AND MASTER CONTROLLER. INSTALL 12-PAIR COMMUNICATION CABLE (JELLY-FILLED).



GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES 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.
2. REFER TO SIGNING AND PAVEMENT MARKING PLANS FOR ADDITIONAL SIGNING AND PAVEMENT MARKING DETAILS.
3. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
4. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. INSTALL MICROLOOP PROBES PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.



SPECIAL NOTES:

1. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN INSTALLING CONDUIT AND HANDHOLES DUE TO SHALLOW DEPTH OF EXISTING UNDERGROUND UTILITIES. THIS WORK MAY REQUIRE HAND DIGGING AND EXPOSING EXISTING UTILITIES TO AVOID DAMAGE TO OPERATING GAS, WATER, TELEPHONE AND ELECTRIC SERVICE.
2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING INTERCONNECT CABLE ONCE NEW INTERCONNECT IS INSTALLED.
3. THE INSTALLATION OF NEW CONDUIT, HANDHOLES AND INTERCONNECT CABLE SHALL BE COMPLETED DURING ROADWAY EXCAVATION WORK.

TSP-2

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS
A REPLACE INTERCONNECT SYSTEM DUE TO GEOMETRIC IMPROVEMENTS 10/99	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
NML	DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION
U.S. 40 INTERCONNECT PLAN
ST. JOHNS LANE TO RIDGE ROAD

DRAWN BY: S.BLOSS	F.A.P. NO.	TS NO. 3766X	SHEET NO.
CHECKED BY: N.LEARY	S.H.A. NO.		
SCALE: 1" = 40'	COUNTY: HOWARD	T.I.M.S. NO. D534	OF
DATE: 10-27-99	LOG MILE: B040018.61		