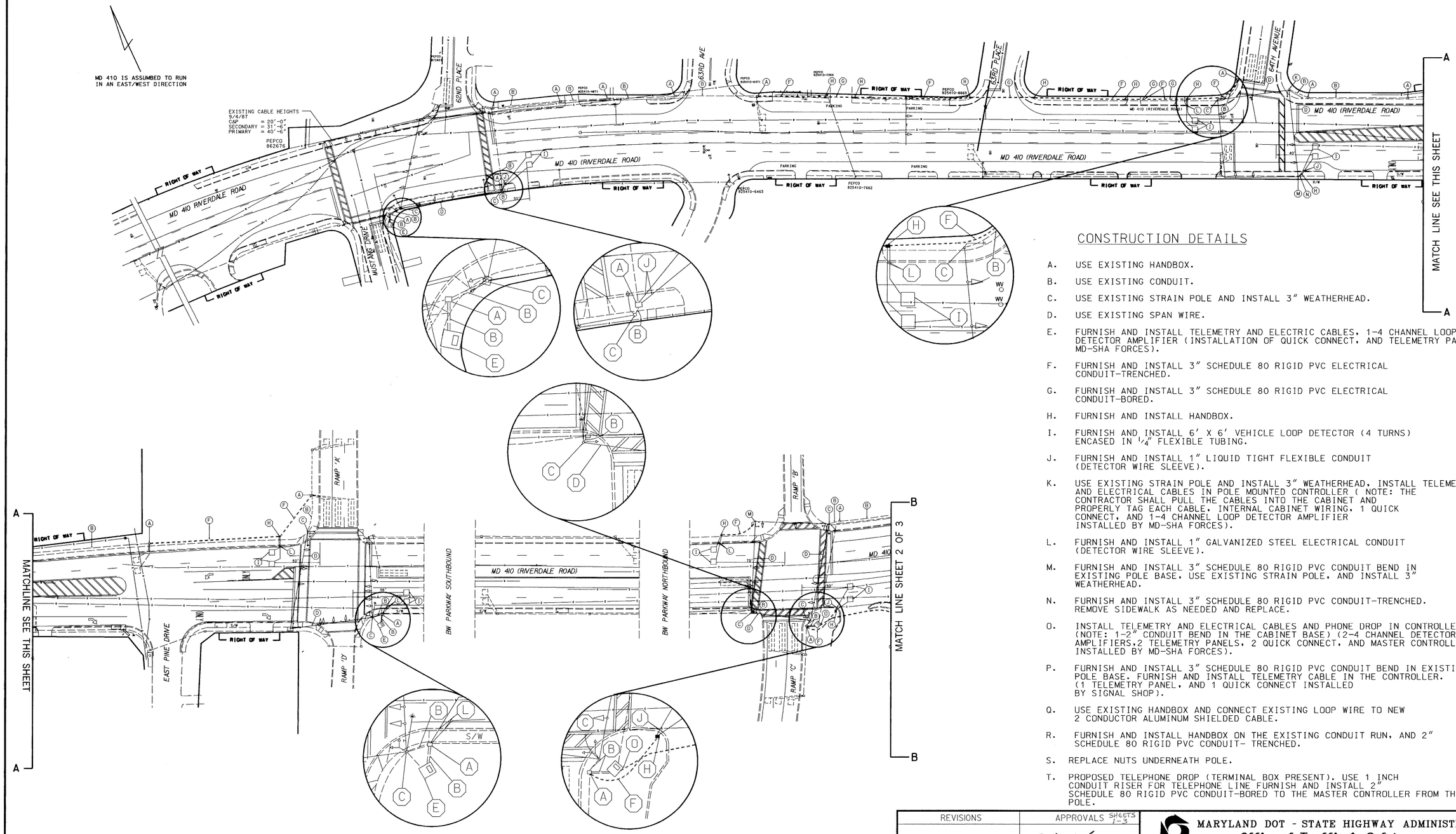

CONSTRUCTION DETAILS

A. USE EXISTING HANDBOX.

B. USE EXISTING CONDUIT.

C. USE EXISTING STRAIN POLE AND INSTALL 3" WEATHERHEAD.

D. USE EXISTING SPAN WIRE.

E. FURNISH AND INSTALL TELEMETRY AND ELECTRIC CABLES, 1-4 CHANNEL LOOP DETECTOR AMPLIFIER (INSTALLATION OF QUICK CONNECT, AND TELEMETRY PANEL BY MD-SHA FORCES).

F. FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED.

G. FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT-BORED.

H. FURNISH AND INSTALL HANDBOX.

I. FURNISH AND INSTALL 6' X 6' VEHICLE LOOP DETECTOR (4 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.

J. FURNISH AND INSTALL 1" LIQUID TIGHT FLEXIBLE CONDUIT (DETECTOR WIRE SLEEVE).

K. USE EXISTING STRAIN POLE AND INSTALL 3" WEATHERHEAD, INSTALL TELEMETRY AND ELECTRICAL CABLES IN POLE MOUNTED CONTROLLER (NOTE: THE CONTRACTOR SHALL PULL THE CABLES INTO THE CABINET AND PROPERLY TAG EACH CABLE, INTERNAL CABINET WIRING, 1 QUICK CONNECT, AND 1-4 CHANNEL LOOP DETECTOR AMPLIFIER INSTALLED BY MD-SHA FORCES).

L. FURNISH AND INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

M. FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT BEND IN EXISTING POLE BASE, USE EXISTING STRAIN POLE, AND INSTALL 3" WEATHERHEAD.

N. FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED. REMOVE SIDEWALK AS NEEDED AND REPLACE.

O. INSTALL TELEMETRY AND ELECTRICAL CABLES AND PHONE DROP IN CONTROLLER (NOTE: 1-2" CONDUIT BEND IN THE CABINET BASE) (2-4 CHANNEL DETECTOR AMPLIFIERS,2 TELEMETRY PANELS, 2 QUICK CONNECT, AND MASTER CONTROLLER, INSTALLED BY MD-SHA FORCES).

P. FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT BEND IN EXISTING POLE BASE. FURNISH AND INSTALL TELEMETRY CABLE IN THE CONTROLLER. (1 TELEMETRY PANEL, AND 1 QUICK CONNECT INSTALLED BY SIGNAL SHOP).

Q. USE EXISTING HANDBOX AND CONNECT EXISTING LOOP WIRE TO NEW 2 CONDUCTOR ALUMINUM SHIELDED CABLE.

R. FURNISH AND INSTALL HANDBOX ON THE EXISTING CONDUIT RUN, AND 2" SCHEDULE 80 RIGID PVC CONDUIT- TRENCHED.

S. REPLACE NUTS UNDERNEATH POLE.

T. PROPOSED TELEPHONE DROP (TERMINAL BOX PRESENT). USE 1 INCH CONDUIT RISER FOR TELEPHONE LINE FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT-BORED TO THE MASTER CONTROLLER FROM THIS POLE.

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

DGL
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

REVISIONS

APPROVALS SHEETS 1-3

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION 10.23.00

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION 10/23/00

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION 10/23/00

DIRECTOR, TRAFFIC & SAFETY 11/2/00

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

MD 410 FROM 62ND PLACE TO RIVERDALE ROAD

DRAWN BY:	AMF	F.A.P. NO.	N/A	TS NO. 799 XI	SHEET NO.
CHECKED BY:	DLA 10/20	S.H.A. NO.	X-G321-459-125-1	T.I.M.S. NO. D833	1 OF 3
SCALE:	1"=50'	COUNTY:	PRINCE GEORGES		
DATE:	OCTOBER, 2000	LOG MILE:			