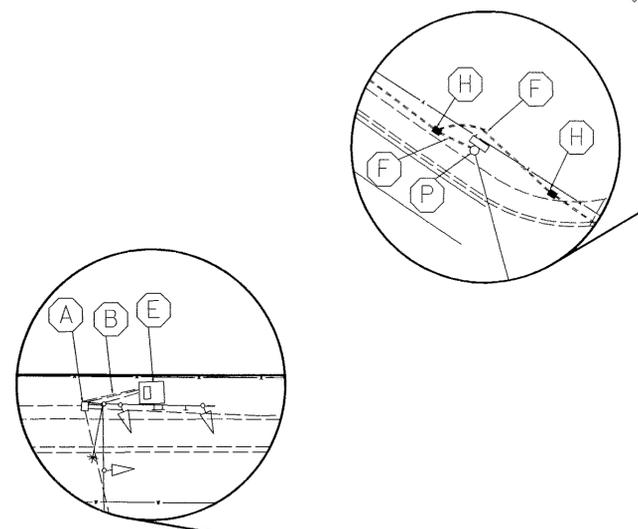
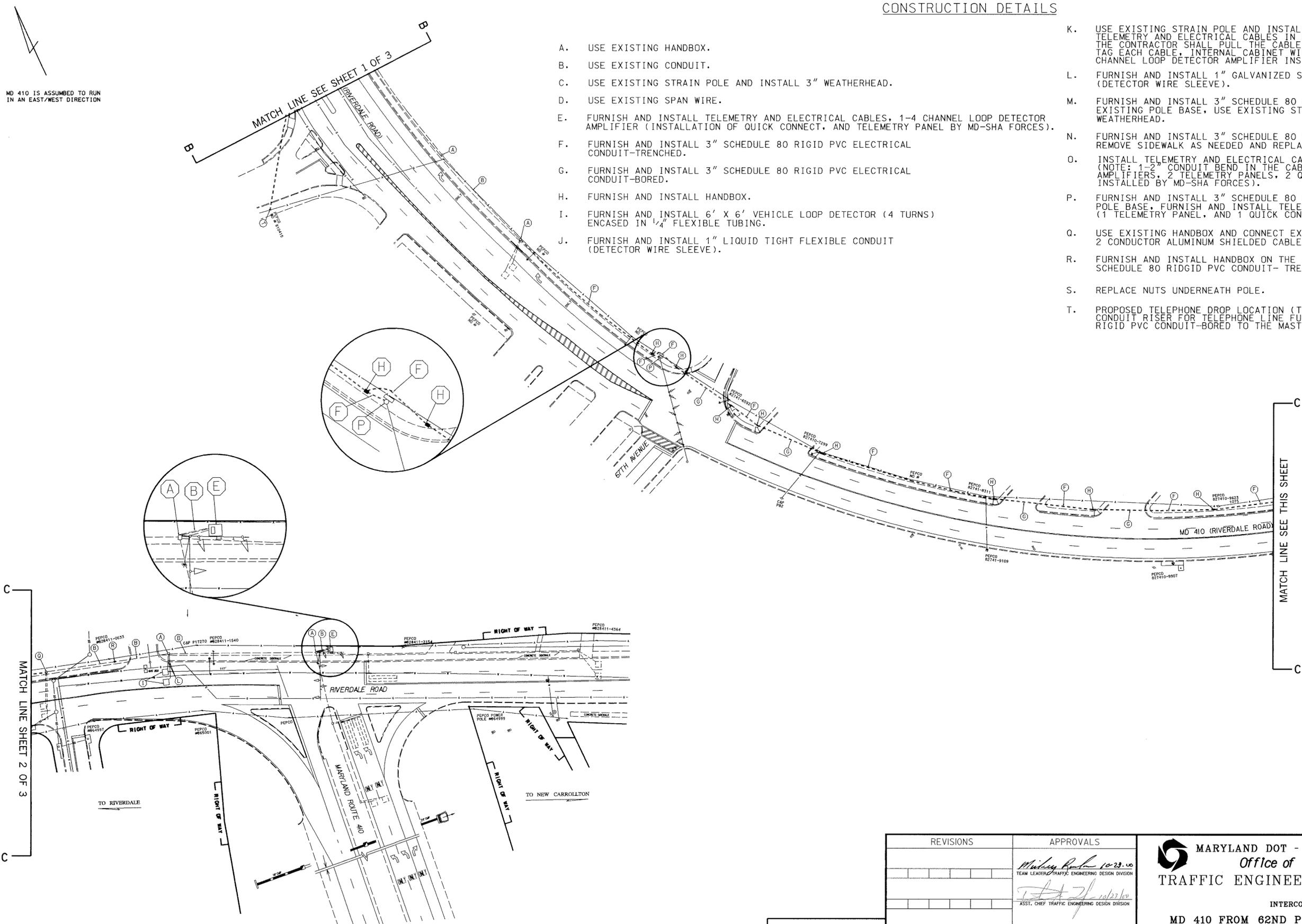


CONSTRUCTION DETAILS

- 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 ELECTRICAL 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 MD-SHA FORCES).
- 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 LOCATION (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.

MD 410 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



UTILITY LEGEND

C	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AREAL CABLES
T	TELEPHONE CABLES



REVISIONS	APPROVALS
	<i>M. R. ...</i> TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>J. A. ...</i> ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

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 X2	SHEET NO. 2 OF 3
CHECKED BY: DLA	S.H.A. NO. 453210501854	T.I.M.S. NO. D833	
SCALE: 1"=50'	COUNTY: PRINCE GEORGES		
DATE: OCTOBER, 2000	LOG MILE:		