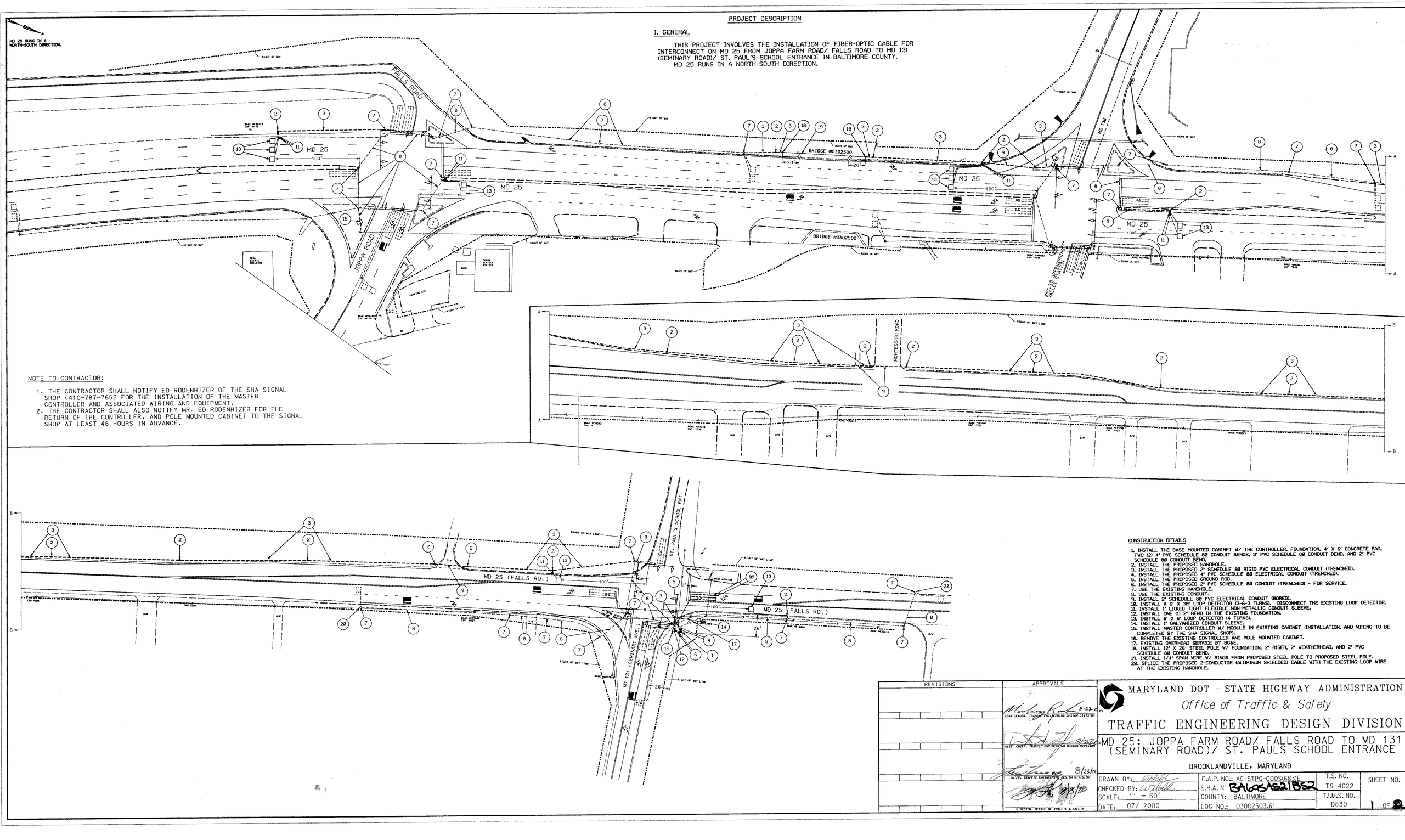
PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF FIBER-OPTIC CABLE FOR INTERCONNECT ON MD 25 FROM JOPPA FARM ROAD/ FALLS ROAD TO MD 131 (SEMINARY ROAD)/ ST. PAUL'S SCHOOL ENTRANCE IN BALTIMORE COUNTY.
MD 25 RUNS IN A NORTH-SOUTH DIRECTION.



NOTE TO CONTRACTOR:

1. THE CONTRACTOR SHALL NOTIFY ED RODENHIZER OF THE SHA SIGNAL SHOP (410-787-7652 FOR THE INSTALLATION OF THE MASTER CONTROLLER AND ASSOCIATED WIRING AND EQUIPMENT.
2. THE CONTRACTOR SHALL ALSO NOTIFY MR. ED RODENHIZER FOR THE RETURN OF THE CONTROLLER, AND POLE MOUNTED CABINET TO THE SIGNAL SHOP AT LEAST 48 HOURS IN ADVANCE.

CONSTRUCTION DETAILS

1. INSTALL THE BASE MOUNTED CABINET W/ THE CONTROLLER, FOUNDATION, 4' X 6' CONCRETE PAD, TWO (2) 4" PVC SCHEDULE 80 CONDUIT BENDS, 3" PVC SCHEDULE 80 CONDUIT BEND, AND 2" PVC SCHEDULE 80 CONDUIT BEND.
2. INSTALL THE PROPOSED HANDHOLE.
3. INSTALL THE PROPOSED 2" SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
4. INSTALL THE PROPOSED 4" PVC SCHEDULE 80 ELECTRICAL CONDUIT (TRENCHED).
5. INSTALL THE PROPOSED GROUND ROD.
6. INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT (TRENCHED) - FOR SERVICE.
7. USE THE EXISTING HANDHOLE.
8. USE THE EXISTING CONDUIT.
9. INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT (BORED).
10. INSTALL A 6' X 30' LOOP DETECTOR (3-6-3 TURNS). DISCONNECT THE EXISTING LOOP DETECTOR.
11. INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE.
12. INSTALL ONE (1) 2" BEND IN THE EXISTING FOUNDATION.
13. INSTALL 6' X 6' LOOP DETECTOR (4 TURNS).
14. INSTALL 1" GALVANIZED CONDUIT SLEEVE.
15. INSTALL MASTER CONTROLLER W/ MODULE IN EXISTING CABINET (INSTALLATION, AND WIRING TO BE COMPLETED BY THE SHA SIGNAL SHOP).
16. REMOVE THE EXISTING CONTROLLER AND POLE MOUNTED CABINET.
17. EXISTING OVERHEAD SERVICE BY BG&E.
18. INSTALL 12' X 26' STEEL POLE W/ FOUNDATION, 2" RISER, 2" WEATHERHEAD, AND 2" PVC SCHEDULE 80 CONDUIT BEND.
19. INSTALL 1/4" SPAN WIRE W/ RINGS FROM PROPOSED STEEL POLE TO PROPOSED STEEL POLE.
20. SPLICE THE PROPOSED 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE WITH THE EXISTING LOOP WIRE AT THE EXISTING HANDHOLE.

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION — 8-23-00
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 8/23/00
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 8/23/00
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY — 8/23/00

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

MD 25: JOPPA FARM ROAD/ FALLS ROAD TO MD 131 (SEMINARY ROAD)/ ST. PAULS SCHOOL ENTRANCE

BROOKLANDVILLE, MARYLAND

DRAWN BY: WDW	F.A.P. NO.: AC-STPG-000S(683)E	T.S. NO.	SHEET NO.
CHECKED BY: WDW	S.H.A. N° BALGASA521B52	TS-4022	1 OF 2
SCALE: 1" = 50'	COUNTY: BALTIMORE	T.M.S. NO.	
DATE: 07/ 2000	LOG NO.: 03002503.61	D830	