



**CONSTRUCTION DETAILS:**

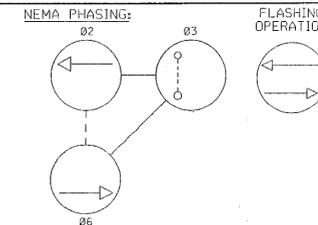
- A. INSTALL THE PROPOSED 4' PEDESTAL POLE (CUT DOWN FROM 10') W/ BASE 2" PVC SCHEDULE 80 BEND, FOUNDATION, PEDESTRIAN PUSH BUTTON, AND SIGN.
- B. INSTALL THE PROPOSED 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
- C. USE THE EXISTING HANDHOLE.
- D. USE THE EXISTING CONDUIT.
- E. REMOVE THE EXISTING PUSHBUTTON AND SIGN FROM THE EXISTING SIGNAL POLE.

**B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR**

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	1 C.Y.	TEST PIT EXCAVATION
8009	1 EACH	F & I 10' BREAKAWAY PEDESTAL POLE AND BASE
8011	1 EACH	F & I PUSHBUTTON AND SIGN, R10-4(1), "PUSH BUTTON TO CROSS CONNECTICUT AVENUE", 12" x 9", POLE MOUNTED HARDWARE
8013	1 EACH	REMOVE AND DISPOSE OF EXISTING EQUIPMENT PER ASSIGNMENT
8016	10 L.F.	F & I 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8021	1 C.Y.	F & I CONCRETE FOR SIGNAL FOUNDATION
8023	10 L.F.	F & I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8054	1 EACH	CUT, CLEAN, GALVANIZE, & CAP TRAFFIC SIGNAL STRUCTURE
8056	20 L.F.	F & I ELECTRICAL CABLE - 2-CONDUCTOR (14 AWG)

**C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA**

ITEM NO.	QUANTITY	DESCRIPTION
		ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

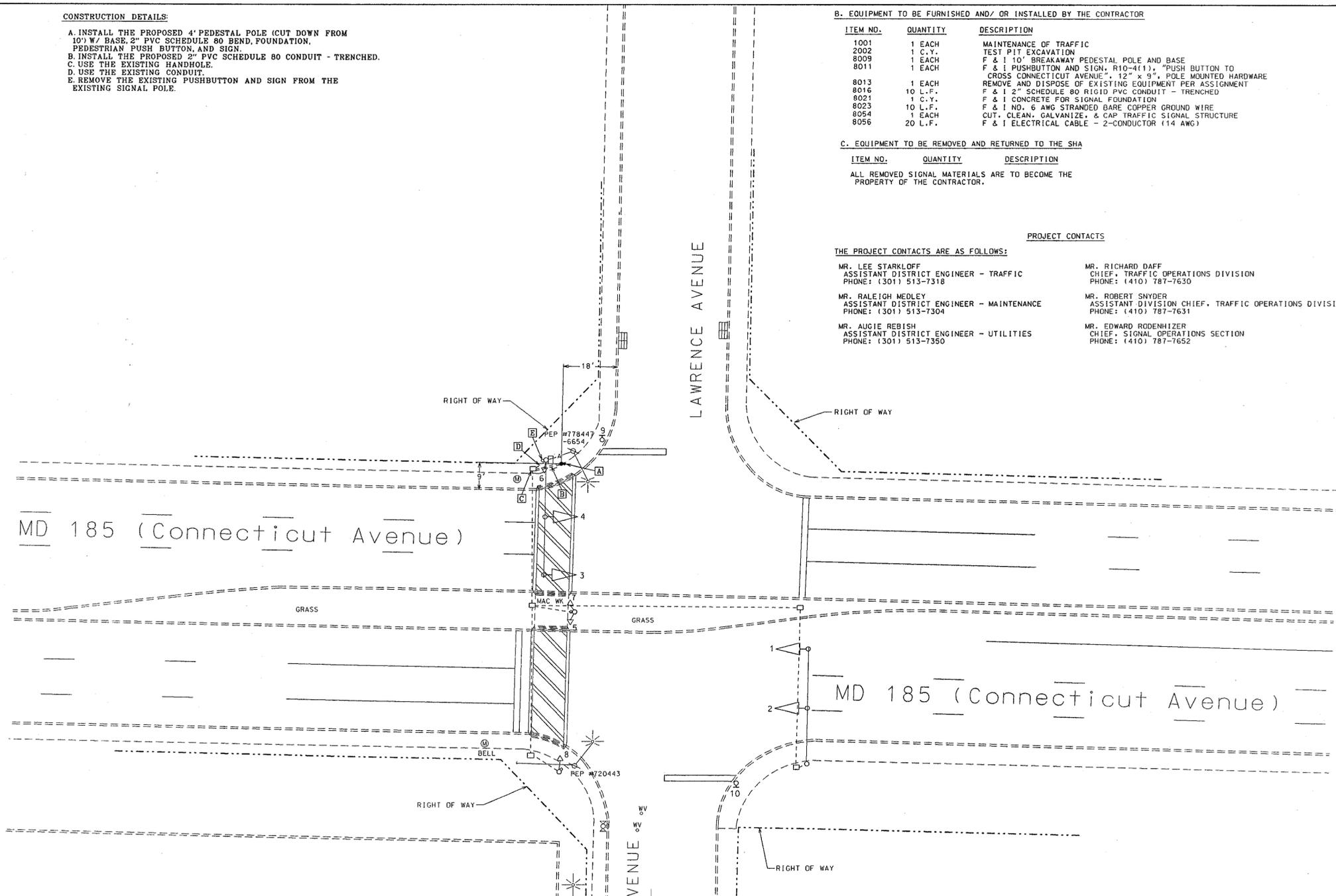


NEMA NOTES:  
 1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

**PROJECT CONTACTS**

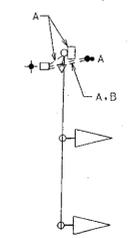
THE PROJECT CONTACTS ARE AS FOLLOWS:

- MR. LEE STARKLOFF  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7318
- MR. RALEIGH WEDLEY  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304
- MR. AUGIE REBISH  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
PHONE: (301) 513-7350
- MR. RICHARD DAFF  
CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630
- MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7631
- MR. EDWARD RODENHIZER  
CHIEF, SIGNAL OPERATIONS SECTION  
PHONE: (410) 787-7652



PHASE CHART  
 THERE IS NO CHANGE IN THE PHASE CHART.

WIRING DIAGRAM  
 A = 2-CONDUCTOR CABLE (NO. 14 AWG)  
 B = NO. 6 AWG STRANDED BARE COPPER GROUND WIRE  
 + = EXISTING GROUND ROD



**NOTES TO THE CONTRACTOR**

- 1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
- 2. ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF THESE EXISTING CABLES.
- 3. SEVENTY-TWO HOURS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT THE CONTRACTOR, BESIDES CALLING MISS UTILITY, SHALL ALSO CALL THE MONTGOMERY COUNTY TMC (240-777-2100) TO MARK THE EXISTING UNDERGROUND SIGNAL EQUIPMENT.

**UTILITY LEGEND**

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES
— D —	STORM DRAIN

<b>REVISIONS</b> SHA#: MD325A5A/B5A		<b>APPROVALS</b> TEAM LEADER, TRAFFIC OPERATIONS DIVISION ASST. CHIEF, TRAFFIC OPERATIONS DIVISION CHECKED BY: [Signature] DATE: 02-25-1976 ORIGINAL PLAN		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety <b>TRAFFIC ENGINEERING DESIGN DIVISION</b> MD 185 (Connecticut Avenue) and Lawrence Avenue GARRETT PARK, MARYLAND	
<b>REVISIONS</b> [Table with 4 columns: No., Date, Description, By] 01 - 09/2003 - RELOCATION OF PEDESTRIAN PUSH BUTTON FROM THE MAST ARM POLE TO THE NEW PEDESTAL POLE IN N/E CORNER. SHA NO. AT2895195 02 - 07/19/1974 - AS BUILT SHA NO. M-956X-395 F.S. 1		DRAWN BY: J. Gordon CHECKED BY: A. B. [Signature] SCALE: 1" = 20' DATE: 02-25-1976		F.A.P. NO. S.H.A. NO. M203X-000-385 COUNTY. MONTGOMERY LOG MILE 15018504.76	
		T.S. NO. TS-820_B T.I.M.S. NO. F769		SHEET NO. 1 OF 1	