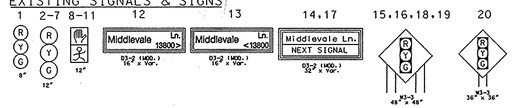
MD 182 RUNS IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNALS & SIGNS



PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MR. LEE STARKLOFF
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7318

MR. RALEIGH MEDLEY
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

EQUIPMENT LIST

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

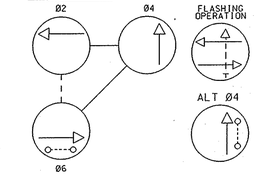
ITEM NO.	QUANTITY	DESCRIPTION
2002	1 C.Y.	TEST PIT EXCAVATION
8039	50 L.F.	F & I 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE
8064	615 L.F.	F & I LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
8065	180 L.F.	F & I SAWCUT FOR SIGNAL (LOOP DETECTOR)

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

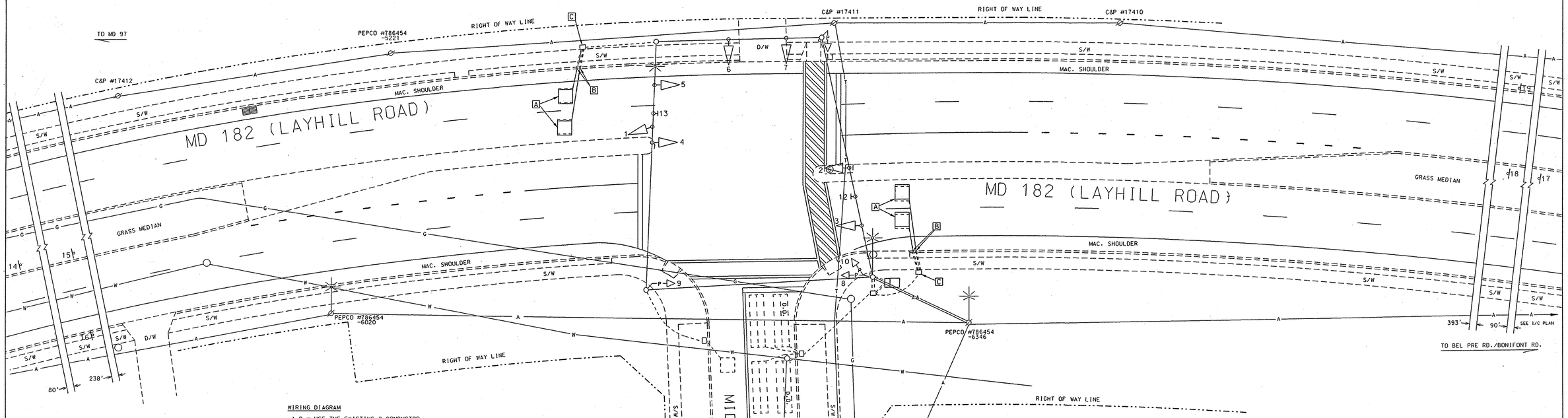
ITEM NO.	QUANTITY	DESCRIPTION

ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

NEMA PHASING

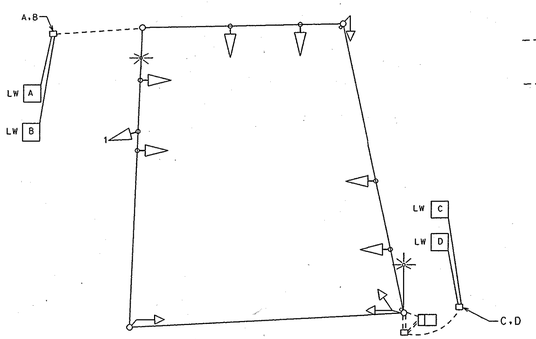


NEMA NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



WIRING DIAGRAM

A-D = USE THE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE
LW = LOOP WIRE



THERE IS NO CHANGE IN THE PHASE CHART

CONSTRUCTION DETAILS

A. DISCONNECT THE EXISTING LOOP DETECTOR. INSTALL THE PROPOSED 6'x 6' LOOP DETECTOR (4 TURNS).
B. INSTALL THE PROPOSED 1" ELECTRICAL CONDUIT - GALVANIZED SLEEVE.
C. USE THE EXISTING HANDHOLE. SPLICE THE PROPOSED LOOP WIRE ONTO THE EXISTING 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE.

NOTES TO THE CONTRACTOR:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SPLICE KITS FROM THE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE TO THE PROPOSED LOOP WIRE AT THE EXISTING HANDHOLE. THERE WILL NO CHARGE TO THE STATE OF MARYLAND FOR THIS PART OF THE PROJECT BY THE CONTRACTOR.
2. 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.

UTILITY LEGEND

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

REVISIONS
A. 08/2002 - REPLACED DAMAGED LOOP DETECTORS FOR THE N/B & S/B SAMPLING LOOPS ON MD 182: SHA NO. OT-2000 (M0925854)

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASSOCIATE, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

NOT A REVISION TO AW-453-501-385 DATED 05/19/93 ORIGINAL PLAN ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 182 (LAYHILL ROAD) and MIDDLEVALE LANE
GLENMONT, MARYLAND

DRAWN BY: S.R. Ramanoudis OF STS	F.A.P. NO. CMG-STPG-000S(133)	T.S. NO.	SHEET NO.
CHECKED BY: D.L. Dodd	S.H.A. NO. AW-453-501-385	TS-3275 A	
SCALE: 1" = 20'	COUNTY MONTGOMERY	T.I.M.S. NO.	
DATE: 05/19/1993	LOG MILE 15018201.55	F508	2 OF 2