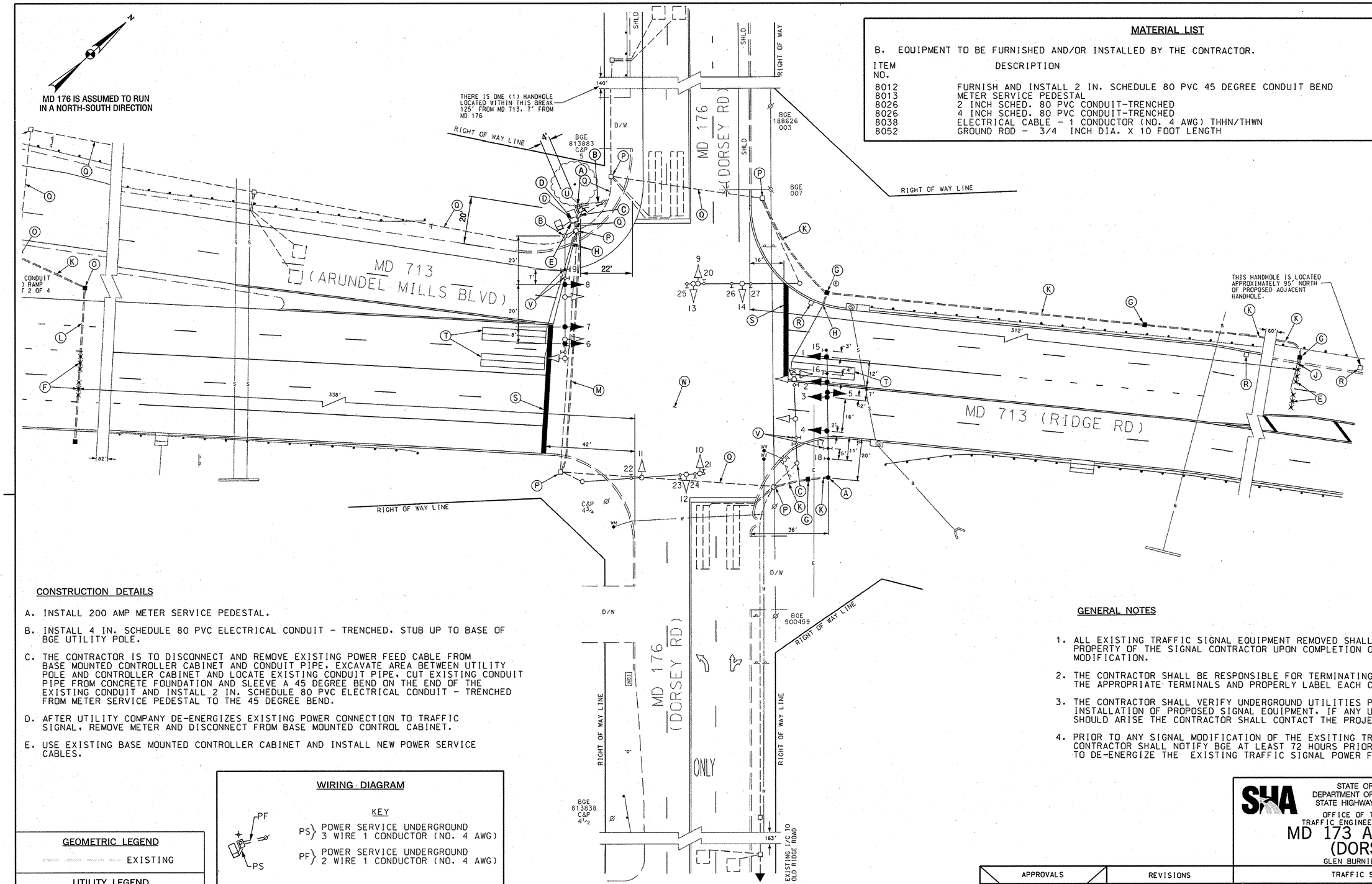

MATERIAL LIST

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

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8012	FURNISH AND INSTALL 2 IN. SCHEDULE 80 PVC 45 DEGREE CONDUIT BEND	EA	1
8013	METER SERVICE PEDESTAL	EA	1
8026	2 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	10
8026	4 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	20
8038	ELECTRICAL CABLE - 1 CONDUCTOR (NO. 4 AWG) THHN/THWN	LF	70
8052	GROUND ROD - 3/4 INCH DIA. X 10 FOOT LENGTH	EA	1

CONSTRUCTION DETAILS

A. INSTALL 200 AMP METER SERVICE PEDESTAL.

B. INSTALL 4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED. STUB UP TO BASE OF BGE UTILITY POLE.

C. THE CONTRACTOR IS TO DISCONNECT AND REMOVE EXISTING POWER FEED CABLE FROM BASE MOUNTED CONTROLLER CABINET AND CONDUIT PIPE. EXCAVATE AREA BETWEEN UTILITY POLE AND CONTROLLER CABINET AND LOCATE EXISTING CONDUIT PIPE. CUT EXISTING CONDUIT PIPE FROM CONCRETE FOUNDATION AND SLEEVE A 45 DEGREE BEND ON THE END OF THE EXISTING CONDUIT AND INSTALL 2 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED FROM METER SERVICE PEDESTAL TO THE 45 DEGREE BEND.

D. AFTER UTILITY COMPANY DE-ENERGIZES EXISTING POWER CONNECTION TO TRAFFIC SIGNAL. REMOVE METER AND DISCONNECT FROM BASE MOUNTED CONTROL CABINET.

E. USE EXISTING BASE MOUNTED CONTROLLER CABINET AND INSTALL NEW POWER SERVICE CABLES.

WIRING DIAGRAM

KEY

PS } POWER SERVICE UNDERGROUND 3 WIRE 1 CONDUCTOR (NO. 4 AWG)

PF } POWER SERVICE UNDERGROUND 2 WIRE 1 CONDUCTOR (NO. 4 AWG)

GENERAL NOTES

1. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. THE CONTRACTOR SHALL VERIFY UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER .
4. PRIOR TO ANY SIGNAL MODIFICATION OF THE EXSITING TRAFFIC SIGNAL THE CONTRACTOR SHALL NOTIFY BGE AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION TO DE-ENERGIZE THE EXISTING TRAFFIC SIGNAL POWER FEED.

GEOMETRIC LEGEND

EXISTING

UTILITY LEGEND

STORM DRAIN
GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
AERIAL CABLES
TELEPHONE CABLES
FIBER-OPTIC

SABRA, WANG & ASSOCIATES, INC.
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BALTIMORE, MD 21227
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APPROVALS

TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

B SHA CONTRACT NO.AT9365185 04/ /07 MODIFY EXISTING TRAFFIC SIGNAL POWER FEED TO METER SERVICE PEDESTAL
SWA

A 7-2-02 ADD DUAL L/T ON NB MD 173.REVISE TO EXCLUSIVE LEFT ON MD 173 SHA CONTRACT NO.BW 996M82
RRZ

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 173 AND MD 176 (DORSEY RD)

GLEN BURNIE . MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"= 20' DATE 10-1-92 CONTRACT NO. AT9365185

DESIGNED BY
DRAWN BY C. JEDNORSKI
CHECKED BY D. DODA
F.A.P. NO. N/A
COUNTY ANNE ARUNDEL
LOGMILE 02071304.88
T.I.M.S. NO. 1/048
TOD NO. N/A

DRAWING NO. TS-3227B
SHEET NO. 1 OF 2

PLOTTED: FRIDAY, APRIL 20, 2007 AT 08:52 AM
FILE: R:\2004\45 SHA BCS 2004-028 TEDD TRAFFIC\TASK 38\DGN\MD 176 AND MD 713\PSG.P001.REDLINE.DGN

BY:JWOOD