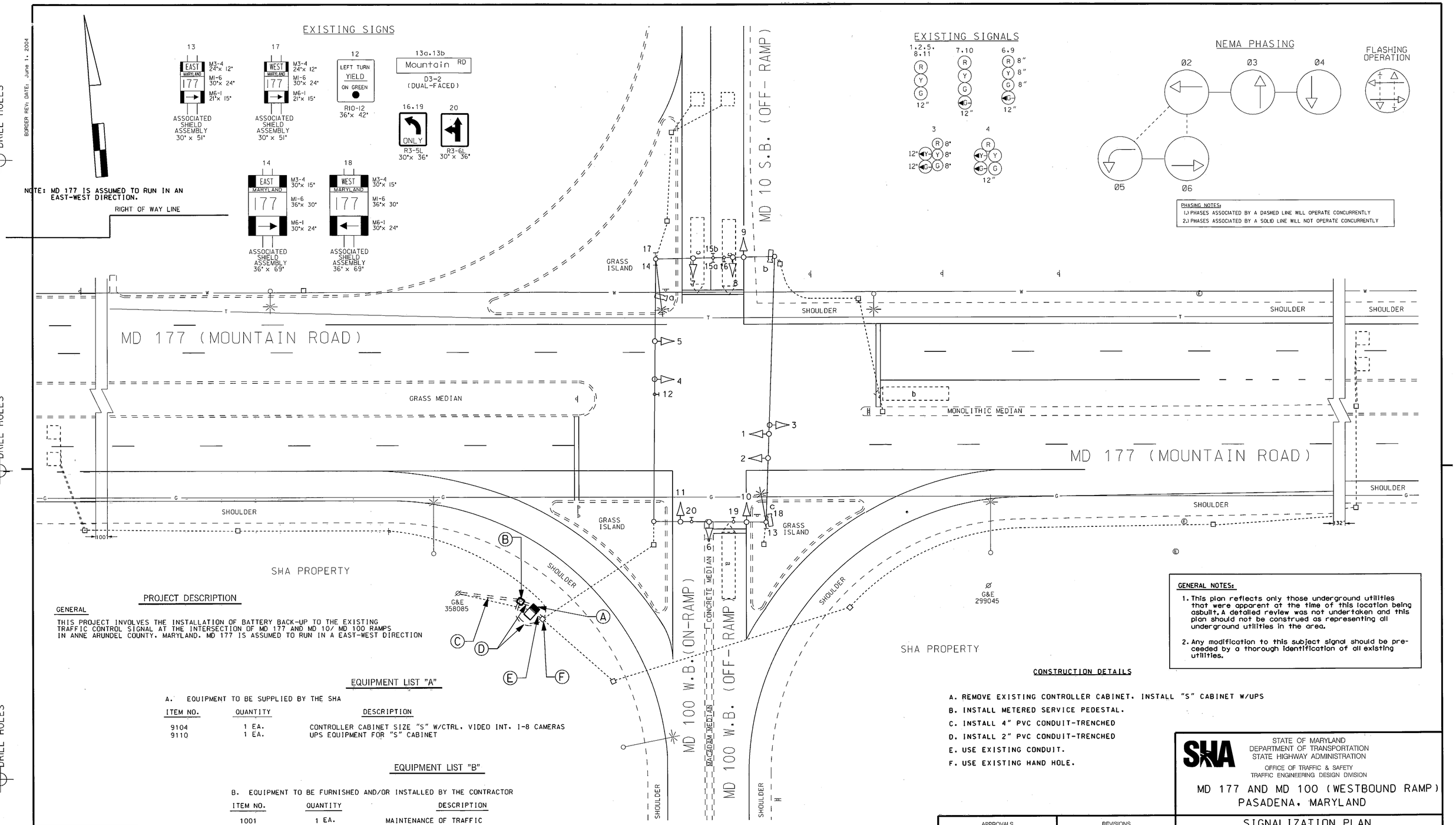

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF BATTERY BACK-UP TO THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 177 AND MD 10/ MD 100 RAMPS IN ANNE ARUNDEL COUNTY, MARYLAND. MD 177 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9104	1 EA.	CONTROLLER CABINET SIZE "S" W/CTRL, VIDEO INT, I-8 CAMERAS
9110	1 EA.	UPS EQUIPMENT FOR "S" CABINET

EQUIPMENT LIST "B"

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

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA.	MAINTENANCE OF TRAFFIC
8013	1 EA.	F&I EMBEDED SERVICE PEDESTAL
8017	1 EA.	F&I POLICE CONTROL
8027	1 EA.	REMOVE & DISPOSE OF EQUIPMENT
8043	50 LF.	F&I UP TO 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT
8047	30 LF.	F&I No. 6 BARE COPPER GROUND WIRE
8050	60 LF.	F&I ELECTRICAL CABLE No. 8 AWG-THHN/THWN

CONSTRUCTION DETAILS

A. REMOVE EXISTING CONTROLLER CABINET. INSTALL "S" CABINET W/UPS
B. INSTALL METERED SERVICE PEDESTAL.
C. INSTALL 4" PVC CONDUIT-TRENCHED
D. INSTALL 2" PVC CONDUIT-TRENCHED
E. USE EXISTING CONDUIT.
F. USE EXISTING HAND HOLE.

GENERAL NOTES:

1. This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and this plan should not be construed as representing all underground utilities in the area.
2. Any modification to this subject signal should be preceeded by a thorough identification of all existing utilities.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

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

MD 177 AND MD 100 (WESTBOUND RAMP)
PASADENA, MARYLAND

SIGNALIZATION PLAN

SCALE 1"= 20' ADVERTISED DATE 4-7-86 CONTRACT NO.

DESIGNED BY
DRAWN BY J.F.L.
CHECKED BY D.DODA
F.A.P. NO.
COUNTY ANNE ARUNDEL
LOGMILE 020I7700.41
TIMS NO. D 839
TOD NO.

TS NO. 2119C DRAWING - OF - SHEET NO. 1 OF 2

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
ORIGINAL ON FILE

REVISIONS
© INSTALL BATTERY BACK-UP SYSTEM L481
CONTRACT XY1395185 3/13/2013
FJA
Ⓐ 10-18-00 ADD WB E/P LT ON MD 177 SHA NO:
RRZ

PLOTTED: $DATETIME$
FILE: $FILE$