MD 193 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING SIGNS TO REMAIN

PROPOSED SIGNS

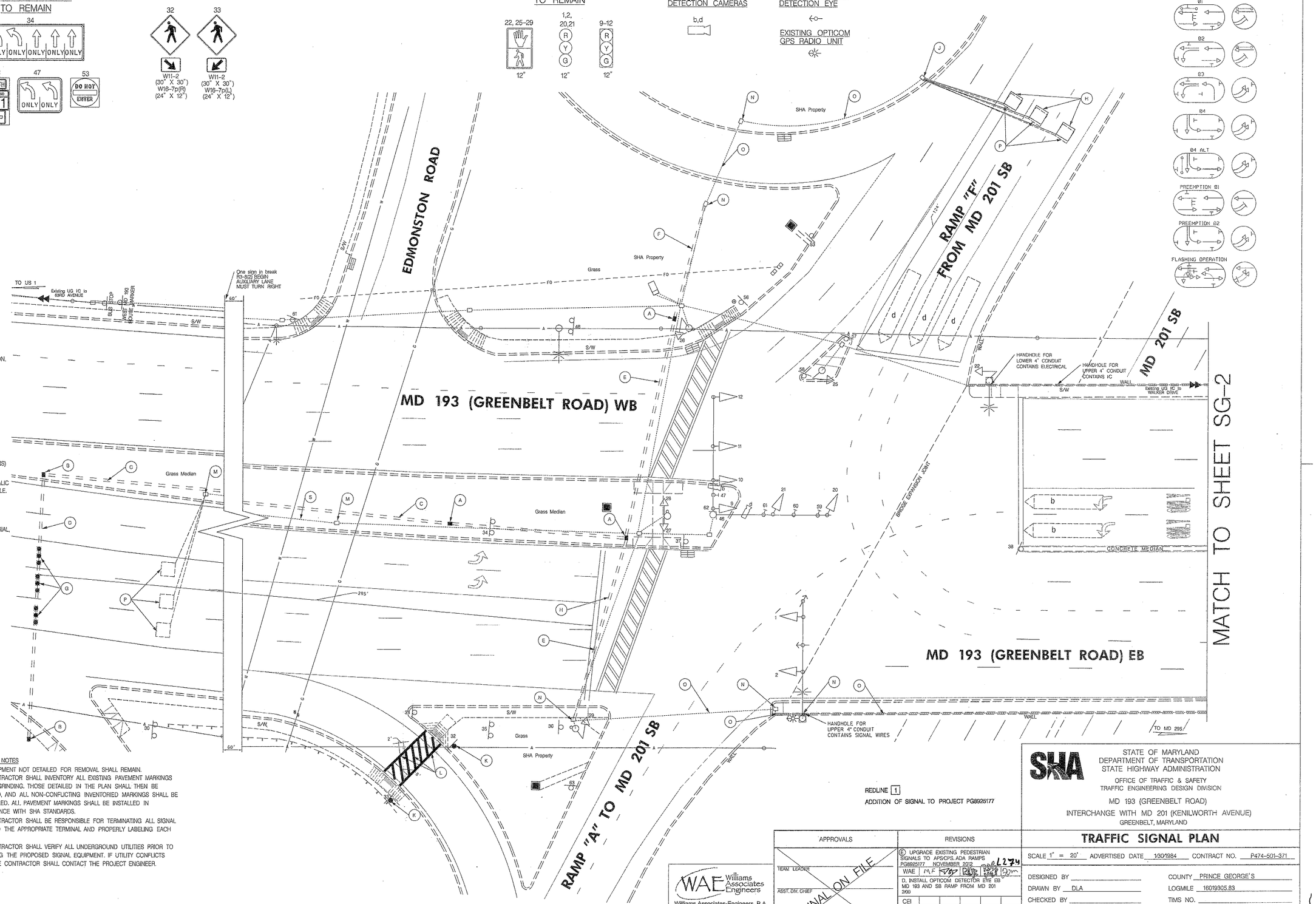
EXISTING SIGNALS TO REMAIN

EXISTING VIDEO DETECTION CAMERAS

EXISTING OPTICOM DETECTION EYE

EXISTING OPTICOM GPS RADIO UNIT

NEMA PHASING




## CONSTRUCTION DETAILS
## MD 193 INTERCHANGE WITH MD 201

A. INSTALL ELECTRICAL HANDHOLE.

B. INSTALL ELECTRICAL HANDHOLE PERPENDICULAR TO ROADWAY FOR NON-INVASIVE DETECTOR INSTALLATION.

C. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT – TRENCHED.

D. INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT – BORED.

E. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT – BORED.

F. INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT – TRENCHED.

G. INSTALL NON-INVASIVE DETECTOR WITH 1000 FOOT LEAD-IN CABLE CENTERED IN THROUGH LANE.

H. SAW CUT AND INSTALL 6' X 6' LOOP DETECTOR (4 TURNS) AND CONNECT TO EXISTING HANDHOLE.

J. INSTALL THREE 1 INCH LIQUID TIGHT FLEXIBLE NON-METALIC CONDUIT FOR DETECTOR SLEEVES IN EXISTING HANDHOLE.

K. INSTALL GROUND MOUNTED SIGN ON 4 INCH X 6 INCH WOOD POST.

L. INSTALL CROSSWALK WITH 12 INCH WHITE LEAD FREE PREFORMED THERMOPLASTIC PAVEMENT MARKING MATERIAL, AS SHOWN.

M. REMOVE HANDHOLE, CAP AND ABANDON CONDUIT.

N. USE EXISTING HANDHOLE, REMOVE ALL UNUSED WIRES.

O. USE EXISTING CONDUIT, REMOVE ALL UNUSED WIRES.

P. ABANDON EXISTING VEHICLE DETECTORS.

### GENERAL NOTES

1. ALL EQUIPMENT NOT DETAILED FOR REMOVAL SHALL REMAIN.
2. THE CONTRACTOR SHALL INVENTORY ALL EXISTING PAVEMENT MARKINGS BEFORE GRINDING. THOSE DETAILED IN THE PLAN SHALL THEN BE INSTALLED, AND ALL NON-CONFLICTING INVENTORIED MARKINGS SHALL BE REINSTALLED. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN
3. ACCORDANCE WITH SHA STANDARDS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINAL AND PROPERLY LABELING EACH CABLE.
5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING THE PROPOSED SIGNAL EQUIPMENT. IF UTILITY CONFLICTS ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

### GEOMETRIC LEGEND

EXISTING
PROPOSED

### UTILITY LEGEND

A — AERIAL CABLES
E — ELECTRICAL CABLES
FO — FIBER OPTIC
G — GAS MAIN
S — SEWER MAIN
SD — STORM DRAIN
T — TELEPHONE CABLES
W — WATER MAIN

REDLINE 1
ADDITION OF SIGNAL TO PROJECT PG8925177


WAE Williams Associates Engineers
Williams Associates-Engineers, P.A.
777 State Route 3 N, Suite D
Gambrills, Maryland 21054
Phone: 410-729-1004
Facsimile: 410-729-1009


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

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| E UPGRADE EXISTING PEDESTRIAN SIGNALS TO APS/CPS, ADA RAMPS PG8925177 NOVEMBER 2012 | | | | | |
| WAE | MF | | | | |
| D. INSTALL OPTICOM DETECTOR EYE EB MD 193 AND SB RAMP FROM MD 201 200 | | | | | |
| CEI | | | | | |
| | | | | | |

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

MD 193 (GREENBELT ROAD)
INTERCHANGE WITH MD 201 (KENILWORTH AVENUE)
GREENBELT, MARYLAND

# TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE 1301984 CONTRACT NO. P474-501-371

DESIGNED BY
DRAWN BY DLA
CHECKED BY
F.A.P. NO.
COUNTY PRINCE GEORGE'S
LOGMILE 16019305.83
TIMS NO.
TOD NO.

TS NO. 1931E | DRAWING SG-1 OF 3 | SHEET NO. 12 OF 26

PLOTTED: Monday, November 12, 2012 AT 10:40 AM
FILE: \\Server02\wae files\01_Project\061_TEDD-BA\01_Task Work\061_0105_Task05 – MD 193 at MD 201\061_010502_Analysis\CADD\pSG-PC01_MD193_MD201.dgn

BY: mhusselbee