ROAD IMPROVEMENT PLAN
JHU/APL - SOUTH CAMPUS
11101 JOHNS HOPKINS ROAD
LAUREL MARYLAND 20723-2068

OVERALL ROAD IMPROVEMENT PLAN

LEGEND

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<th>SYMBOL</th>
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ADDRESS CHART

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<th>PARCEL NO.</th>
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VICINITY MAP

BENCHMARK

SURFACE WATER HAZARDS

ELEVATION MARKER

SURFACE WATER HAZARDS

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SURFACE WATER HAZARDS

ELEVATION MARKER
CONSTRUCTION DETAILS

A. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, SIGNS, AND VESSEL DETECTION CABLES INSTALLATION IN PVC CONDUIT NO CONCRETE BENCH.

B. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, SIGNS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

C. INSTALL A NEW SIZE 8 BASE MOUNTED CABINET AND CONTROLLER, BATTERY BACK-UP SYSTEM, CONCRETE FOUNDATION, GROUND ROOF, WATER SATELLITE - 30 AMP Disconnect Switch, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

D. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

E. INSTALL HANDBELLS.

F. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

G. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

H. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

I. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

J. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

K. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

L. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

M. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

N. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

O. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

P. INSTALL 2 FT. CUT FROM A 21 FT. STEEL MAST ARM POLE WITH A 50 FT. AND A 60 FT. MAST ARMS. SIGNAL HEADS, CONSTRUCTION PEDESTRIAN SIGNAL HEAD INSTALLATION IN PVC PROTECTIVE, INSTRUMENTATION, AND ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE. INSTALL T-6 IN PVC SHEETED CONCRETE BENCH.

NOTE:
SIGNAL WILL NOT BE INSTALLED UNTIL WARRANTS ARE MET AND APPROVED BY THE COUNTY.

PROFESSIONAL CERTIFICATION
I, [Signature], Certified Professional Engineer, hereby certify that these plans were prepared or approved by me, and that, to the best of my knowledge, they conform to all applicable codes and standards. License No.: [License Number]

[Signature]
Certification Date: [Date]

[Company Name]
[Address]
[Phone Number]
[Email Address]

[Permit Number]
[Issuance Date]
[Expiry Date]

[Engineer's Name]
[Engineer's Signature]
[Engineer's Title]