Appendix A-4

SAMPLE PROJECTS

SIGNING AND MARKING PLANS

Signing and Marking
US 15 at Monocacy Blvd Signing & Marking Plans*…………… SN-1
  SN-2.5
  SN-2.6
  SN-2.7
  SN-2.8
  SN-3.1
  SN-3.2
  SN-4.1
  SN-9
  SN-11.1

Sign Structure Replacement
MD 32 at US 1 Signing…………………………………………… SN-2.1
  SN-2.2
  SN-8.1

Specific Service Signing
Specific Service Signing for I-95 at MD 272 (Exit 100)*……… General Notes & Quantities
  Signing Plan
  Sign Details
  Sign Support Details

SIGNAL PLANS

Signal Modification
MD 174 at Thelma Avenue……………………………………… Signalization Plan Sheet
  General Information Sheet

Signal Reconstruct
MD 182 at Longmead Crossing Dr/Norvale Rd*…………………. Signalization Plan Sheet
  Interconnect Plan Sheet
  Geometric Detail Sheet
  General Information Sheet

New Construction
MD 28 at Wintergate Drive……………………………………… Signalization Plan Sheet
  Interconnect Plan Sheet
  General Information Sheet
LIGHTING PLANS

Interchange Lighting
I-70 at Marriottsville Rd Interchange Lighting………………… Project Information and Quantities
Sheet Layout
Lighting Plan
Lighting Plan
Lighting Plan
Lighting Plan
Panel and Pole Schedule

Intersection Lighting
MD 41 at Satyr Hill Rd and Waltham Woods Rd………………. Title Sheet
Lighting Plan
Lighting Plan

Underpass Lighting
MD 26 at I-695 Interchange…………………………………. Project Information and Quantities
Lighting Plan
Lighting Plan
Underpass Lighting Layout
Underpass Lighting Details
Underpass Lighting Details

*Complete plan set is not included
PROJECT REQUIREMENTS CONT'D

1. The following types of signage shall be used for the desired sign locations, unless otherwise specified:
   a. FIRE DEPARTMENTS
      1. Non-reflective sign in black on flashing yellow warning sign shall be non-reflective black legend on flashing yellow warning sign.
      2. Non-reflective sign in black on flashing yellow warning sign shall be non-reflective black legend on flashing yellow warning sign.
      3. Reflective sign in black on flashing yellow warning sign shall be non-reflective black legend on flashing yellow warning sign.
      4. Reflective sign in black on flashing yellow warning sign shall be non-reflective black legend on flashing yellow warning sign.

2. Sign locations shall be located on the right side of the roadway, at the appropriate distance from the roadway. For example, signs shall be placed at the end of the ramp, at the beginning of the ramp, at the exit ramp, or at the entrance ramp. For more detailed information, please refer to the project specifications. For any technical questions, please contact the project engineer.
CONSTRUCTION NOTES

1. Install proposed W-beam traffic guard as per Sec. 272, 273, 5-615.1, 6-155.1, 8-644.1. Ensure that all W-beam guardrails are in accordance with Md. Std 1272.5.5.3.

2. Install proposed type C end treatment as per Sec. 272, 273, 5-615.1, 6-155.1, 8-644.1. Provide additional bracing as necessary.

3. Install proposed type K end treatment as per Sec. 272, 273, 5-615.1, 6-155.1, 8-644.1. Provide additional bracing as necessary.

4. Remove extreuded aluminum sign, posts, and frames from Sec. 272, 273, 5-615.1, 6-155.1, 8-644.1. Provide additional bracing as necessary.

5. Remove extreuded aluminum sign, posts, and frames from Sec. 272, 273, 5-615.1, 6-155.1, 8-644.1. Provide additional bracing as necessary.

NOTE: Proposed logo sign shall be mounted on the existing W-beam supports for the Md. 1272. Sign illumination, power, and illumination devices required are in addition to the cost of the extreuded aluminum sign panels.

SIGN LEGEND

- Proposed ground mounted sign
- Existing sign to remain
- Existing sign to be removed
- Sign proposed under separate contract

EXISTING COUNTER STRUCTURE

TRAFFIC FLOW ARROWS

SPECIFIC SERVICE SIGNING PLAN

FOR MD 1272 (EXIT 155)
### Schedule of Poles - 170 @ Mariottsville RD

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<th>Pole Number</th>
<th>Bracket Arm Length</th>
<th>Pole Material</th>
<th>Luminaire Voltage</th>
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### Schedule of Manholes - 170 @ Mariottsville RD

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LED UNDERPASS LIGHT AND JUNCTION BOX LAYOUT

NOTES:
1. LIGHT FixTURES NOT SHOWN TO SCALE

CONSTRUCTION INSTRUCTIONS:
1. INSTALL LED UNDERPASS LIGHTING CONDUCTORS; ANGLE SUPPORT BENCH 3 INCH X 3 INCH AS DETAINED ON LACK
2. INSTALL LED UNDERPASS LIGHTING CONDUCTORS EXISTING LATTICEWORK AS DETAINED ON LACK
3. EXISTING UNDERPASS LATTICEWORK ON ANGLE SUPPORT TO REMAIN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
DIVISION OF TRANSPORTATION
HIGHWAY ENGINEERING
No. 26 LEEFERY RD AT I-495 INTERCHANGE

DRAFT 01-01-2022

WSP USA, INC.

ENGINEERED BY:

GENERAL INQUIRIES:

WSP USA, INC.

(301) 738-9200

PROJECT N0.

UNDERPASS LIGHTING LAYOUT

DRAWN BY:

CHECKED BY:

APPROVED BY:

DRAWN:

CHECKED:

APPROVED:

DRAWING NO.:

SHEET NO.:

REV.

FOR PRINTING USE ONLY

WSP USA, INC.

WASHINGTON, D.C. OFFICE

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Washington, D.C. 20008

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