

PREREQUISITES FOR ABOVEGROUND INSPECTION

INTERSECTION _____
PROJECT ID _____

CHECKLIST TO BE COMPLETED & SUBMITTED PRIOR TO REQUESTING
SIGNAL INSPECTION

CONTRACTOR REPRESENTATIVE _____
DOT REPRESENTATIVE _____

CONTR
YES NO

DOT
YES NO

COMMENT

GENERAL

- | | | |
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| ☐ | ☐ | Are the materials stored appropriately at the job site? LED modules facing down? |
| ☐ | ☐ | Are all pipe and bolt threads coated with a heavy coating of an approved anti - sieze? |
| ☐ | ☐ | Are bushings used in all rigid metallic conduit and end bells on non-metallic conduit? |
| ☐ | ☐ | Have the sonotubes been removed from the base foundation? |

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POLES AND STANDARDS

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| ☐ | ☐ | Are the signal pedestal/breakaway bases level on the concrete base? |
| ☐ | ☐ | Are pole caps installed to keep water and snow out of the poles and standards? |
| ☐ | ☐ | Is the pole, which holds the arm, of a proper length and type? |
| ☐ | ☐ | Is the arm of a proper length? |
| ☐ | ☐ | Are the standard poles tightly screwed to the pedestal bases? |
| ☐ | ☐ | Are any poles/standards installed too close to overhead high voltage wires? |
| ☐ | ☐ | Have form DT2321 and DT2322 for each structure been submitted to DOT project personnel? |
| ☐ | ☐ | Are tightening of anchor bolt nuts and connection hardware performed per recommended procedure? |
| ☐ | ☐ | Have the monotube structures been inspected? |

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CABLE & WIRING

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| ☐ | ☐ | Is the specified underground multi-conductor cable used? |
| ☐ | ☐ | Is the traffic signal cable routed and identified on each end per plan? |
| ☐ | ☐ | Is the field wiring done in accordance with the plans? |
| ☐ | ☐ | Are the necessary metallic pull boxes grounded? |
| ☐ | ☐ | Is 18" of signal cable left in the base to connect the feeder conductors to the signal head connectors? |
| ☐ | ☐ | Is there 10' extra traffic signal cable in each pull box? (Measured 3' above the top of the pull box.) |
| ☐ | ☐ | Is the EVP cable identified with the associated plan designation at both ends? |
| ☐ | ☐ | Are spare conductors secured? |
| ☐ | ☐ | Are spliced conductors fully insulated? |

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CONTR
YES NO

DOT REP
YES NO

COMMENT

SIGNAL HEADS/LUMINAIRES

☐	☐	Are the signal head lens configurations in accordance with the signal plan and MUTCD?
☐	☐	Are the signal heads mounted on the arm tight enough so it doesn't tilt after it is mounted?
☐	☐	Are the signal heads aimed for the best visibility?
☐	☐	Are signal heads mounted in a plumb or level manner as required?
☐	☐	Are signal and pedestrian heads mounted with proper clearance above ground level?
☐	☐	Are overhead signal heads mounted at the proper height?
☐	☐	Are all signal head mounted brackets tight and plumb?
☐	☐	Are the signal head lenses mounted in their face bodies in accordance with manufacture's specs?
☐	☐	Is the LED module orientation arrow in the proper direction?
☐	☐	Are pedestrian push buttons mounted in the proper location and accessible from sidewalk?
☐	☐	Are the luminaires arms in accordance with the plan?
☐	☐	Are the luminaires level?
☐	☐	Are the street light fuse holders at proper polarity?
☐	☐	Are excess cable loops secured with tie wraps? (Tape is not allowed.)
☐	☐	Is the luminaire cable looped onto a hook?

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EVP AND NON-INTRUSIVE DETECTION (VIDEO, RADAR, ETC.)

☐	☐	Is the location of the units in accordance with the plans?
☐	☐	Are any variances in plan approved by WISDOT?
☐	☐	Has the location for EVP heads been approved by WISDOT?
☐	☐	Is the proper cable used as stated in the specifications?
☐	☐	Is the appropriate mounting brackets used as stated in the plans and specification?
☐	☐	Are the units aimed properly?
☐	☐	Is the drip loop provided where needed? And secured with UV resistant tie wraps?
☐	☐	Are camera splices joining using a soldering iron? (Torches are not allowed.)
☐	☐	Was the heat shrink insulation heated with a heat gun? (Torches are not allowed.)
☐	☐	Are the camera lenses clean?
☐	☐	Are the cables properly labled in the cabinet and pole?

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