

From: [Andrew Beyer](#)
To: [Mason Becker](#)
Cc: [Emily McFarland](#)
Subject: FW: Lighting follow-up questions
Date: Friday, February 9, 2024 11:45:52 AM
Attachments: [image001.png](#)

Please include this one as well. I've asked Chris to provide clarification on question no. 1 as responses from WisDOT and the lighting provider conflict.

Thanks,

Andrew

Andrew M. Beyer, P.E.

Director of Public Works/City Engineer
City of Watertown
106 Jones Street
Watertown, WI 53094
Office: (920) 262-4050



From: Christopher Newberry <CNewberry@watertownwi.gov>
Sent: Wednesday, January 31, 2024 6:31 AM
To: Andrew Beyer <ABeyer@watertownwi.gov>
Subject: FW: Lighting follow-up questions

DOT replies to the lighting questions 1 and 4.

Chris Newberry

City of Watertown
Public Works Project Manager
920-342-4180 cell
920-262-4060 office

From: Porter, Steve J - DOT <Steve.Porter@dot.wi.gov>
Sent: Monday, January 29, 2024 1:58 PM
To: Christopher Newberry <CNewberry@watertownwi.gov>
Subject: FW: Lighting follow-up questions

Chris,

See below for answers to your questions on lighting.

Steven Porter, P.E.
Project Manager
SW Region PDS - Madison
2101 Wright Street
Madison, WI 53704
Office: (608) 243-3366
Cell: (608) 622-8943

From: Krippner, Matt <Matthew.Krippner@aecom.com>
Sent: Monday, January 29, 2024 1:33 PM
To: Porter, Steve J - DOT <Steve.Porter@dot.wi.gov>
Cc: Herrera Bautista, Pedro - DOT (Pedro Bautista) <Pedro.HerreraBautista@dot.wi.gov>
Subject: RE: Lighting follow-up questions

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Steve,

1. The lights will provide indirect illumination, meaning that the LED's will not be visible directly. Both fixtures have lenses that diffuse the light to prevent glare.
4. The proposed lights will have 4000K color temperature LED's. We are unaware of what color temperature other existing lights are, but this is the most commonly used temp for outdoor lighting. This was also specified by the City in the manufacturer data provided to the design team.

-Matt

From: Porter, Steve J - DOT <Steve.Porter@dot.wi.gov>
Sent: Friday, January 26, 2024 12:19 PM
To: Krippner, Matt <Matthew.Krippner@aecom.com>
Cc: Herrera Bautista, Pedro - DOT (Pedro Bautista) <Pedro.HerreraBautista@dot.wi.gov>
Subject: FW: Lighting follow-up questions

Matt,

Can your lighting designer please answer 1 and 4 below?

Steven Porter, P.E.

Project Manager
SW Region PDS - Madison
2101 Wright Street
Madison, WI 53704
Office: (608) 243-3366
Cell: (608) 622-8943

From: Christopher Newberry <CNewberry@watertownwi.gov>
Sent: Friday, January 26, 2024 11:00 AM
To: Porter, Steve J - DOT <Steve.Porter@dot.wi.gov>
Subject: FW: Lighting follow-up questions

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Steve
Could you answer questions 1 and 4 below?
Thanks.
Have a good weekend.

Chris Newberry
City of Watertown
Public Works Project Manager
920-342-4180 cell
920-262-4060 office

From: Andrew Beyer <ABeyer@watertownwi.gov>
Sent: Friday, January 26, 2024 9:06 AM
To: Christopher Newberry <CNewberry@watertownwi.gov>
Subject: Lighting follow-up questions

Chris,

The Downtown Main Street Reconstruction Task Force met on Wednesday. Topics of discussion included lighting selection and poles in the downtown. Task Force members had the following comments/questions:

1. Will the lights provide direct illumination or indirect illumination?
2. How often will luminaires/LED panels require replacement?
3. Will entire luminaires need to be replaced, or LED component within luminaire? How difficult to replace?
4. Will replacement luminaire/LED component lighting color/temperature match other lights

installed in downtown area?

5. What is the temperature range of LEDs?
6. How easy are the luminaires to clean? Existing luminaires are cleaned annually and are difficult to clean.
7. Is luminaire glass textured?
8. Is there a benefit of textured black finish vs. smooth black finish?

Could you please assist in answering the above and I'll pass along to the Task Force? Thanks for your help,

Andrew

Andrew M. Beyer, P.E.

Director of Public Works/City Engineer

City of Watertown

106 Jones Street

Watertown, WI 53094

Office: (920) 262-4052

