

Q&A Report: LAOWG - Maintenance Painting

| Question Asked | Answer Given |
|---|---|
| Is there a higher failure rate of the coatings when only painting beam ends versus painting the entire superstructure? | Spot painting is a method to address localized issues where the overall condition is good. Good way to extend service life |
| Are there any specific coatings that can be applied to the bearings that will allow for movement without cracking and therefore, failing prematurely or is the standard coating | My experience is that weathering steel is not painted initially except for beam ends. coating, except for beam ends, |
| Best luck on your retirement Tony. I am also retiring on April 3. One week and one day to | |
| How can the paint of the bridge have its life extended? What pre- maintenance can be done to extend it's life? | Keep joints sealed. Clean the superstructure. Beam ends and bearing can collect dirt and hold salts and moisture on the |
| How can the paint of the bridge have its life extended? What pre- maintenance can be | routine cleaning/washing to remove contaminants. |
| Great point....you have to fix the why..... | |
| Can this be done with traffic still open on/below the bridge? Are there concerns | yes |
| in chicago and it's 11:31 am | |
| what is the rule of thumb on brush trimming? 2,4,6 feet away from structure? thanks | My opinion is 6 foot minimum, because that will also help with inspection access. If it is a tree, consider how much it could |
| Is this webinar still taking place? | |
| Can the presentation material be shared with the attendees? | Yes it will. It will be posted on our website. |
| we can hear you | |
| The invite shows 12 pm Eastern time, is it 1 pm Eastern time? | |
| I can see your screen and hear you | |

| | |
|--|---|
| I can hear you both on the computer now. | |
| Mine calendar has 11 CST for start time. | |
| I had an email saying it will start in 1 hr at 9:59 CST | |
| I have been able to hear and see for a half hour. Cant stay for a new start time I have | |
| mine said 11am CDT, and I just left a webinar that ended at 11:30 CDT. If this actually | |
| is there a good way to spot repair areas that may have been missed in a full paint project such as those rivets you showed or maybe between angles (found well after the | |
| Thank you and Happy retirement | |
| Have you specified or have you seen a section loss evaluation required by the contractor after cleaning and prior to painting? | Actually the note is Michigan DOT Bridge Design Manual Note 8.09.04I - "The engineer will inspect the structural steel parts that have been blast |
| Have you specified or have you seen a section loss evaluation required by the contractor after cleaning and prior to | Yes. At michigan DOT we have a standard plan note to "Contact the Engineer if section loss is |
| The issue that we've had with coating projects on in-service bridges is painting of inaccessible areas (e.g., backside of bearings). Do you have any tips on getting these | strip coatings and caulking. hand and power tool cleaning. Complete removal of pack rust from a connection can loosen |
| Is laser rust removal a viable option? | laser ablasion is an effective method for paint removal. And has environmentatl advantages |
| I was given two links, one at 10 pacific time, one at 9. Maybe there are two serarate links? | |
| Why would someone want to paint weathering steel? | a lot of states have addopted paining of beam ends of weathering steel due to potential of leaking joints and other issue. Also in locations |

| | |
|--|---|
| <p>Why would someone want to paint weathering steel?</p> | <p>At Michigan DOT, we had weathering steel bridges over our freeways. They were in a constant salt mist from vehicle tires throughout every winter</p> |
| <p>A location is not considered Limited Access if additional time will allow for the proper cleaning or painting of the area, or if commercially available tools are available to clean or paint the area (e.g., angle nozzles, or short nozzles in place of traditional long nozzles for blast cleaning).</p> | |
| <p>are you painting slip critical connections on the weathering steel?</p> | <p>see answer above, answer got entered in wrong question</p> |
| <p>are you painting slip critical connections on the weathering steel?</p> | <p>MDOT uses a prime coating on slip critical connections that meets the requirements for</p> |
| <p>We start painting all weathering steel on the bridge. Using SSPC SP10 for surface preparation. We use extra coat of</p> | |