

District 6 Bridge Painting and Sealing Policy

June 20, 2000

Revised July 15, 2002

The following policy applies to all current and future bridge construction projects. The intent of this policy is to fulfill ODOT's goal for the Aesthetic Design Initiative.

www.dot.state.oh.us/AestheticDesign/ODOTAesthetics.pdf

A. CONCRETE SEALER COLORS:

All concrete for all state route bridges (includes interstates and US routes) within District 6 shall be sealed with an epoxy urethane sealer using **Federal Color Number 17778 - Light Neutral**.

This shall include:

- both sides of bridge parapets
- pier columns and caps, abutments (including wingwalls, breastwalls, and backwalls)
- vertical faces of concrete slabs below parapets or guardrail
- vertical faces of concrete box beam or fascia beam
- concrete slope protection
- concrete median

Sealing shall not be applied to deck wearing surface, underside of deck, box culverts, or any concrete surface that is not visible to the public.

B. STRUCTURAL STEEL PAINT COLORS:

All structural steel shall be system OZEU or IZEU with urethane topcoat color to be as follows:

1. Four Lane Routes:

Federal Color Number 14277 - Green (to be used on structures that are on, over, or under the following **even** numbered routes):

FRA - 104

MAD - 70, FRA - 70

FRA - 270

FRA - 670

Federal Color Number 15526 - Blue (to be used on structures that are on, over, or under the following **odd** numbered routes):

DEL - 23, MAR - 23, PIC - 23, FRA - 23

FRA - 33, UNI 33

FRA - 315

FRA - 161

FAY - 35

FAY - 71, MAD - 71, PIC - 71, FRA - 71, DEL - 71, MRW - 71

2. Two Lane Routes:

All bridges not mentioned above that are at grade structures or structures not generally visible to the traveling public (cross a waterway, railroad, public highway, etc) shall be painted using **Federal Color Number 10324 - Dark Neutral**.

All bridges not mentioned above that are overhead structures shall be painted using **Federal Color Number 15526 - Blue**.

C. SPECIAL EXCEPTIONS TO THE ABOVE GUIDELINES:

- bridges recently painted (within last 5 years) a color other than those mentioned above.
 - MAD 70 0.00 to Franklin County line, Federal Color Number 16640 - Gray
 - FRA 670 Spring Sandusky projects, Federal Color Number 16640 - Gray
 - FRA 71 28.00 to DEL 71 11.00, Federal Color Number 16640 - Gray
 - FRA 315 5.00 to 13.00, Federal Color Number 15450 - Blue
 - UNI 33 12.00 to Franklin County line, Federal Color Number 16640 - Gray
 - FRA 270 17.00 to 29.00, Federal Color Number 16640 - Gray
 - FRA 70, 71, 315 interchange, Federal Color Number 14062 - Green
- those bridges where the municipality or local stakeholders choose to adopt their own “signature” color.
 - FRA 161 18.00 to Licking County Line - New Albany
 - FRA 270 31.41 to 32.26 - Easton (Sherwin Williams "Easton Blue" 614-299-2116)
- at grade structures where galvanizing, metallizing, or A588 steel is scoped.
- Current construction projects where the painting and sealing operation has already begun with a paint color different from that stated above.
- Where two routes intersect each other and have two different colors according to the above guidelines, the color chosen shall be the one on the bridge that is more visible to the traveling public. For example, at Routes 270 and 33 on the southeast quadrant, I270 are overhead bridges with respect to US 33, therefore the bridges should be painted the same color as specified for US 33 (Blue)

D. CURRENT AND FUTURE PROJECTS

Project engineers that have projects that have been sold but have not begun the painting or sealing operation should incorporate the above policy.

For projects by consultants that are programmed and in the plan preparation stage, ODOT project managers should initiate a contract modification to incorporate the above policy.

In house design personnel shall incorporate the above policy for the projects they are scheduled to work on.

Planning shall incorporate the above policy to all future scopes.

It should be noted that it will take several years for all bridges within the district to be painted according to this policy. It is not the intent of the district to paint bridges before they are needed just for aesthetic purposes. Bridge paint will still have to be rated a 3 or 4 before a project is initiated.

Please direct any questions regarding this policy to Robert Taylor, District Bridge Engineer at (740) 363-1251 x. 354 or robert.taylor@dot.state.oh.us