

**From:** [Chuck Speake](#)  
**To:** [Anna Duffey](#)  
**Cc:** [Tricia Wisner](#); [Frances N. Lugo](#)  
**Subject:** RE: Traffic Signal Boxes  
**Date:** Monday, August 8, 2022 12:07:10 PM  
**Attachments:** [Signal Cabinet Wraps with Attachments1.pdf](#)

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Anna,

Staff researched the possibility of painting the traffic signal control boxes and came up with the following.

**Pros to painting traffic signal control cabinets:**

- Painted signal cabinets would be aesthetically pleasing to some residents and visitors.
- Could provide a sense of community.

**Cons to painting traffic control cabinets:**

- Dark colored paint would collect more heat from the sun, raising the internal temperature of the control cabinets. The cabinets are full of computer equipment, controllers, sensors and other electrical components that could be damaged by increased temperatures within the cabinet. At a minimum increased cabinet temperatures would shorten the life cycle of the components in the cabinet.
- The painted/decorated cabinets could distract drivers as they approach the signalized intersections.
- Our cabinets are stainless steel and would require priming or special preparation to be painted.
- Maintaining the artwork would be difficult to manage. Removal of graffiti, fading of the artwork etc.
- Painting of the control cabinets could lead to additional infrastructure being painted or graffiti.
- Only control cabinets owned by the City of North Port could be painted. The US41 control boxes are owned by the Florida Department of Transportation.
- Some residents may not like the painting subject matter.
- Painting of the control cabinets could increase maintenance costs of the exterior control cabinet, currently the exterior of the cabinets is maintenance free.

There are municipalities in the country that allow painting of galvanized control cabinets only. It seems the preferred method of decoration of the control cabinets is vinyl wrapping. But I would again be concerned with darker colors building more heat within the cabinets.

I have attached an application/policy from another municipality to wrap Traffic Control Cabinets for informational purposes.

Chuck Speake  
Director  
Department of Public Works

City of North Port  
1100 North Chamberlain Boulevard  
North Port, FL 34286  
941-240-8090

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**From:** Anna Duffey <aduffey@cityofnorthport.com>  
**Sent:** Monday, August 8, 2022 11:14 AM  
**To:** Chuck Speake <cspeake@cityofnorthport.com>  
**Subject:** RE: Traffic Signal Boxes

Good morning, Chuck. When we spoke about this last week, you were going to get me some information that you had previously compiled on this. I don't think I have seen anything come through.

When do you think you can get something to me that we can share with the Commissioner?

Thanks,

***Anna M. Duffey***

Senior Executive Assistant  
Office of the City Manager  
Ph: 941.429.7077, C: 941-356-9896

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**From:** Anna Duffey  
**Sent:** Thursday, August 4, 2022 9:42 AM  
**To:** Chuck Speake <[cspeake@cityofnorthport.com](mailto:cspeake@cityofnorthport.com)>  
**Subject:** Traffic Signal Boxes

Hi, Chuck. Commissioner White has asked for an agenda item to discuss the possibility of putting murals on the boxes that house the traffic signal controls, if they are owned by the City, etc.

Can you please give me a call when you get a chance? I am prepping the item and wanted to get some information.

Thanks,

***Anna M. Duffey***

Senior Executive Assistant  
City of North Port  
Office of the City Manager  
Ph: 941.429.7077, C: 941-356-9896

Fax: 941.429.7079

[aduffey@cityofnorthport.com](mailto:aduffey@cityofnorthport.com)

[www.cityofnorthport.com](http://www.cityofnorthport.com)

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