

## **PROJECT ADVISORY COMMITTEE (PAC)**

### **Meeting #6 Summary**

**DATE:** October 1<sup>st</sup>, 2013  
**RE:** Tom Staed Veterans Memorial Bridge: Lighting

#### ***Discussion:***

- The presentation began with a discussion about the Value Engineering Study. The study is performed to help improve the overall project and will be returned with recommendations after this Friday.
- AVCON began a presentation on lighting options and features. The different types of low maintenance lighting fixtures available are:
  - Roadstar: Long life. Modern version of the Cobra Head. Not unique, but they are very reliable. Popular on roadways.
  - Urban Scape: Durable, versatile and contemporary. Will give a good transition from the bridge to the memorial area and fishing piers.
  - Bollard: Has a slim natural design. Can provide light for the pedestrians only.
  - Candela: Durable for soft spring environments. Nautical inspired design. Various options.
  - Leonis: Can have a scaled down version for the memorial area and fishing piers. Has a battle axe feel to it. Unique contemporary style.
  - Serenade: Gives a historical feel. Elegant early 20<sup>th</sup> century styling.
  - Domus: Classic and elegant design. Has a good life span. Is on the International Speedway Bridge. Various options available.
  - Renaissance: Versatile with a historical feel. Could angle the arch arm to match the arch of the bridge. Evokes the 19<sup>th</sup> and 20<sup>th</sup> century styling. Many options available.
    - The Serenade, Domus and Renaissance fixtures were chosen as the favorites and will be looked at in more detail. Can always mix and match all the options.
- Four different ways to light the bridge. Each focusing on different key elements:
  - Option 1: Enhances the bridge columns. Elegant and simple. Any option can be intensified. Can always add a splash of color.
  - Option 2: Enhances the columns and arches. Provides lighting on the upper arch for pedestrians. Could change light colors on holidays. Not limited to a specific color scheme.
  - Option 3: Enhances the columns and the main arch. Linear light source. Can vary the color. Many different options.
  - Option 4: Enhances the columns and the main arches. Focuses on the face of the main arch. Can do certain segments and can vary the intensity.

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- The higher color temperatures make it look more modern. The cooler color temperatures give a more historic feel, but it can impact the drivers. Must keep minimum of 4000 degrees Kelvin on the roadway.
- Was motioned to go with the cool/low temperature amber light throughout the entire project.  
- All Agreed.
- The committee agreed on having shorter light poles that will produce more light. They want them to all be the same and cost effective. No banners on the poles for maintenance reasons.
- Important to keep the bridge/fishing piers lit at night to keep crime low.
- Will look more into underwater lighting to attract fish.
- Will look into the cost of having different hues of the same amber light (light dimmers) for the bridge.

#### ***Public Comments:***

- Most of the public agreed with the PAC committee on having low temperature amber light on the bridge and fishing piers. Should focus on lighting the through arch. Keep in mind Florida hurricanes. Keep everything well lit at all times to keep out theft. Patrol the area.