

Replies to Doug Landry's email from 4/23/2023 (re: Library lighting poles, conduit, and WiFi)

Dwight Duensing <dduensing@gmail.com>

Tue, Apr 25, 2023 at 11:41 AM

To: Douglas Landry <ddlandry@landrymanagement.com>

Cc: Pete Priola <ppriola@mathesbrierre.com>, David Code <dcode@gvaengineering.com>, Scott Oestriecher <soestriecher@gvaengineering.com>, Ray Lauga <rlauga@sbg.net>, Hillary Nunez <hnunez@sbg.net>, Albert Moliere <almoliere@archbm.com>, Will Tregre <wtregre@mathesbrierre.com>, Ray Zabala <rzabala@mathesbrierre.com>, Patrice Cusimano <patricecusimano60@gmail.com>, "rlivaudais@aol.com" <rlivaudais@aol.com>, "daigle.jess@gmail.com" <daigle.jess@gmail.com>, Jennifer Gioia <jlgiogia88@yahoo.com>, "shoeski3045@gmail.com" <shoeski3045@gmail.com>, "lizquag2006@bellsouth.net" <lizquag2006@bellsouth.net>, "ldier@olpsschool.org" <ldier@olpsschool.org>

Bcc: Ethel B Llamas <llamas1720@netscape.net>, Janet Perez <mylibrarystuff@gmail.com>, Susan M Heffker <sheffker@yahoo.com>

Doug,

1. To answer your last question directly, the Library plans on using its 85% E-rate funding to purchase the outside Wireless Access Points (WAPs).
2. Strap-mounting these outside WAPs to the light poles is acceptable.
3. **Outdoor WAP locations.** The position of the WAPs are shown in the drawing attached, circled in black. Specifically, these are the northernmost and southernmost poles in the center of the lot, the southernmost post in the staff parking lot island, and the attached eve/roof overhang of the "smoking porch". This porch installation should have the wire enclosed inside a metal junction box, so that the WAP can be attached to the box..
4. **WiFi compatibility.** The indoor Wi-Fi access points vendor (make and models) is not specified in the project manual. The only thing I can find on page 16600-8 is that the wires should be Cat6 and be colored violet. If the library is to purchase the outdoor WAPs, they should be using the same centrally managed system as the indoor WAPs. (A centralized system will "hand-off" the signal to another WAP as the Wi-Fi user walks into the building; the patron using Wi-Fi is only counted once instead of twice for our library stats.) Please either specify a vendor, or let the library staff know ASAP when the sub-contractor has chosen a system, so this can be coordinated.
5. **WAP Specifications.** The specifications of the indoor WAPs were not given in the project manual. For the indoor system, it must conform to the 802.11a/b/g/n/ac/ax standard and use the newest WiFi 4/5/6/6E protocols in the 2.4, 5, and 6 Mhz bands (and be centrally managed)..
6. **Lighting Control.** In reading the Cooper Lighting' specifications of the GLEON-AF-04-LED-U-T4FT-xx parking lot lights, it specifies that the lights come standard with a 0-10v dimming drivers for use with a lighting control panel. I can see nowhere in the project plan that talks about running this low-voltage control wire to each of the poles. Only the electrical power is shown. The electrical closet drawing simply shows a "T" for TIMER to control the lights.. What kind of timer is being used here? If low-voltage control wires are needed at each pole in a separate conduit for this feature, then running Ethernet wires for the Wireless APs could easily be included.
7. **Parking Lot Cameras.** While the library has security cameras inside the building and outside next to the entrance doors, it seems that security cameras for the parking lot were overlooked to protect library property and liability. These exterior cameras are standard nowadays. If data conduits are to be put in the parking lot, it would make sense to wire up other poles now for future installation of security cameras. While I am not a security expert, I have included a drawing (third page of attachment, circled in black) showing 6 lighting poles that should sufficiently cover the patron and staff parking lots. The cost of running these conduits and wires now would be far cheaper than to run them at a later date, which would require digging/trenching into the blacktop.

Please notify me if you have any further questions or problems.

Dwight

On Mon, Apr 24, 2023 at 10:57 AM Douglas Landry <ddlandry@landrymanagement.com> wrote:

Dwight,

Can you review the below email and provide direction as to where you want the external wireless access points mounted. To save cost, we should look at mounting the WAP's to the poles with stainless steel bands or something similar to prevent changing the current light poles with welded attachments to mount the WAP's. Also, please confirm if the library will be purchasing the WAP's.

Respectfully,

Douglas D. Landry

LMCLLC

ddlandry@landrymanagement.com

(504)579-3334

CONFIDENTIALITY NOTICE: This e-mail transmission, including attachments, if any, is intended for use only by the addressee(s) named herein and contains confidential and/or privileged information. Any unauthorized review, use, disclosure or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by reply e-mail or telephone and delete the original and destroy all electronic and other copies of this message. If you are the intended recipient but do not wish to receive communications through this medium, please so advise the sender immediately.

----- Forwarded message -----

From: **Pete Priola** <ppriola@mathesbrierre.com>

Date: Fri, Apr 21, 2023 at 3:09 PM

Subject: FW: SBPL WiFi

To: ddlandry@landrymanagement.com <ddlandry@landrymanagement.com>

Doug,

See e-mail below from GVA regarding Wi-Fi for the interior and exterior of the building. Information needed from User Agency.
Pete

Peter Frank Priola, Architect Principal

Mathes Brierre Architects o: 504.586.9303 m: 504.616.7635

-----Original Message-----

From: Scott Oestriecher <soestriecher@gvaengineering.com>

Sent: Friday, April 21, 2023 2:31 PM

To: Pete Priola <ppriola@mathesbrierre.com>; 'David Code' <dcode@gvaengineering.com>

Subject: RE: SBPL WiFi

Pete,

I'm not seeing anything in this document that tells us to provide exterior WAP's. This appears to be a document meant for the Owner specifically to be able to get funding for the eligible items.

Is that what you guys have gotten out of this document as well?

Also, we are not providing the actual WAP's, only the connections to them.

We will need to understand from the Owner where they want exterior connections and how they would like to mount them. They can be mounted to lighting poles.

Thanks,

Scott A. Oestriecher

GVA Engineering, LLC

2615 Edenborn Ave. Ste C

Metairie, LA 70002

(504) 780-9330 Ph.

(504) 780-9419 Fax

www.GVAengineeringllc.com

-----Original Message-----

From: Pete Priola [mailto:ppriola@mathesbrierre.com]

Sent: Thursday, April 20, 2023 11:29 AM

To: David Code <dcode@gvaengineering.com>

Cc: Scott Oestriecher <soestriecher@gvaengineering.com>

Subject: SBPL WiFi

This is the information on the FCC program to provide WiFi in the areas outside the Library. Apparently, if the Library provides this the FCC will provide 85% of the cost of the system.

Peter Frank Priola, <mailto:ppriola@mathesbrierre.com> Architect Principal Mathes Brierre Architects <<http://www.mathesbrierre.com/>>

201 St. Charles Avenue Suite 4100

New Orleans, Louisiana 70170-4100

o: 504.586.9303 f: 504.582.1305

m: 504.616.7635

ppriola@mathesbrierre.com<mailto:ppriola@mathesbrierre.com>

www.mathesbrierre.com<http://www.mathesbrierre.com/>

This message contains information which may be confidential and/or privileged. Unless you are the intended recipient (or authorized to receive for the intended recipient), you may not read, use, copy or disclose to anyone the message or any information contained in the message. If you have received the message in error, please advise the sender by reply e-mail and delete the message and any attachment(s) thereto without retaining any copies. Please consider before printing.



WiFi and Camera coverage.pdf

927K