

LAKE MERRIT MEASURE DD 12TH STREET PROJECT:



**Loch Merit Artist Team:
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Project Description:

10 Steel Columns of Light on each side of the new channel at the 12th Street Bridge. 20 Columns in total. The columns internal light source is comprised of a series of a programmable LED lights. Gracing each one of the columns will be a group of curvilinear forged bars, flowing arms looping around the capital elements.

The internal assembly consists of a panel of water resistant LED programmable strips covered with an 1/8" 60% light diffusing frosted plexi glass sheet which is in turn covered with 1/4" polycarbonate which is 250x more resistant to breakage than glass and 30x more impact resistant than acrylic sheet plastic.

Once fabricated columns are galvanized to create a long lasting rust resistant finish. All hardware will be stainless steel.

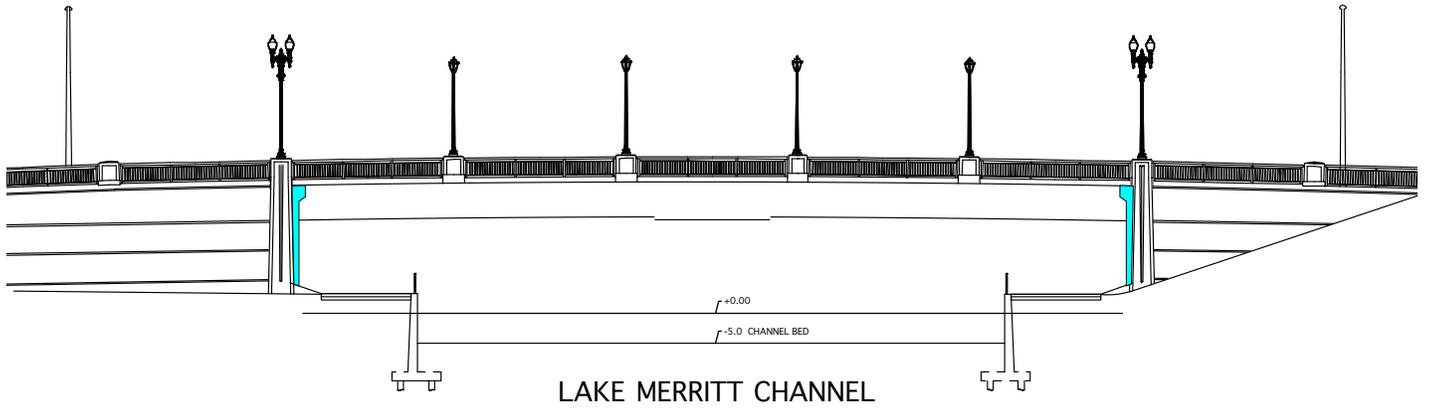
We are exploring 2 different graffiti abatement coatings one is the stock coating applied by the city of Oakland and another which we are particularly drawn to is from a company called Nanotech Coatings.. Based on nanotechnology, it provides a particularly tenacious resistance to graffiti as well as a secondary barrier to rust.

<http://www.nanotechcoatings.com/metal-coating/>

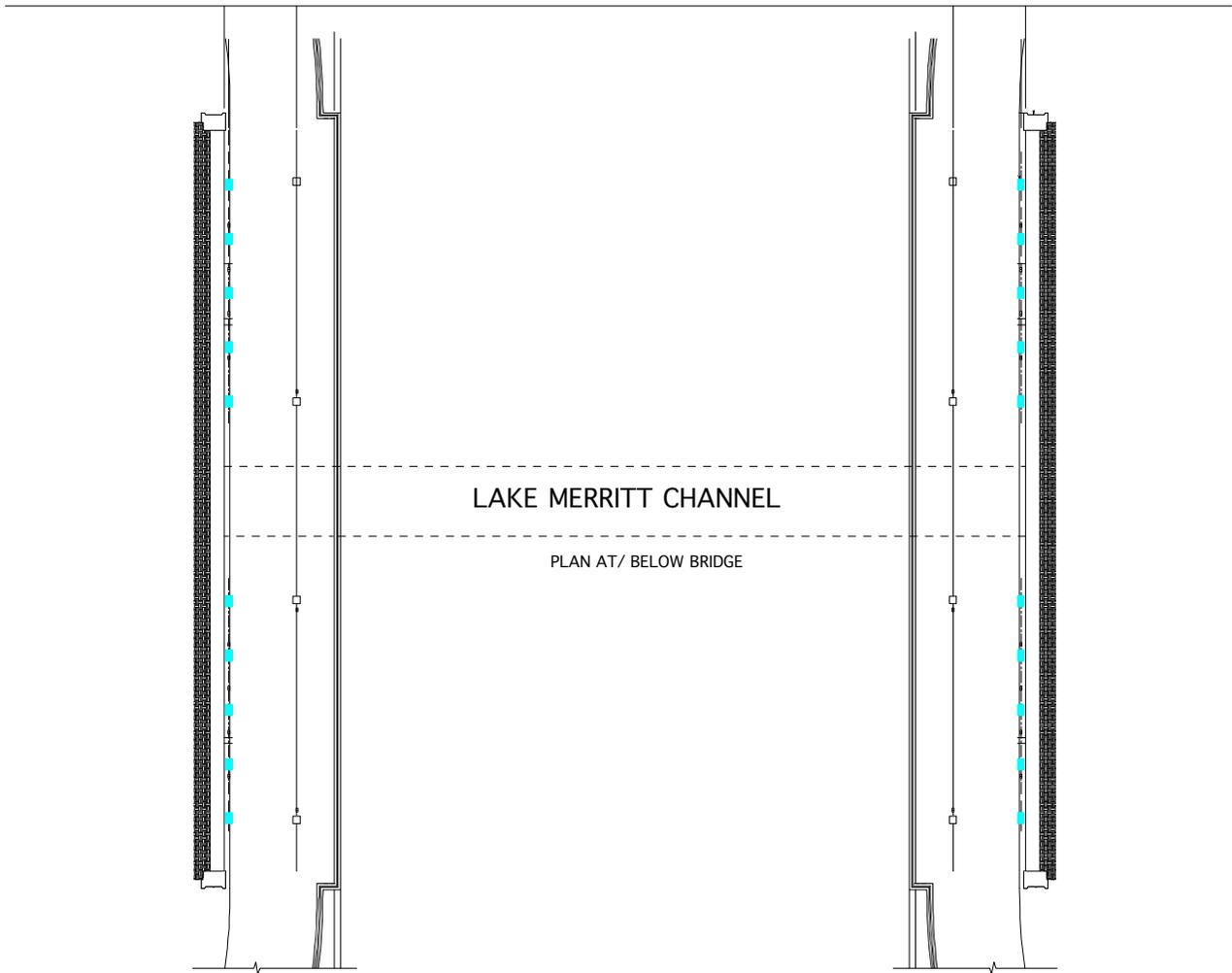
LED fixtures are provided by subcontractor Holly Solar Products LLC. Holly is a two generation stable, local family Bay Area business stationed in Petaluma.

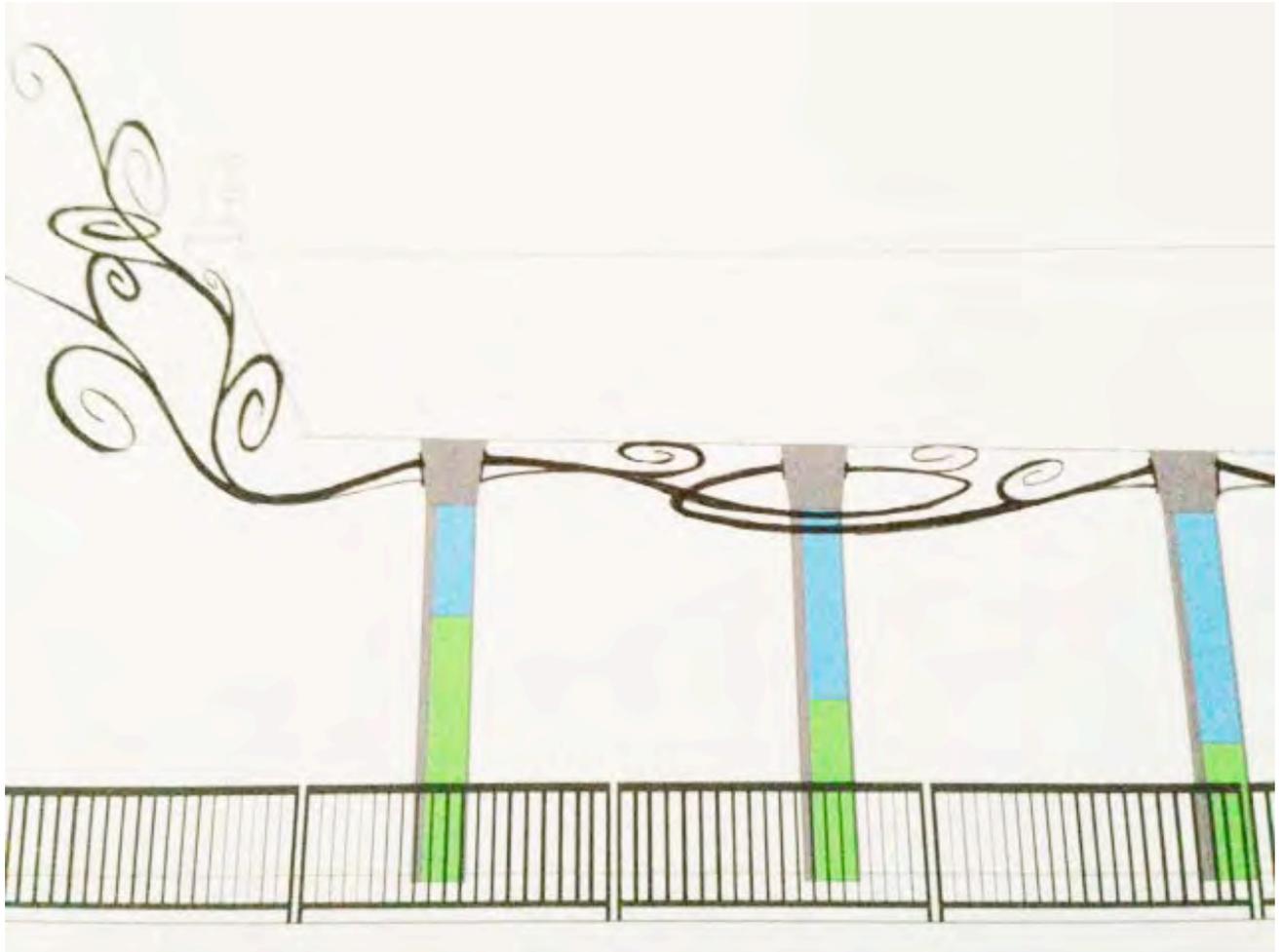
From their web site: Holly Solar is one of the longest operating, US manufacturers of renewable energy equipment. We are specialists in solid state lighting design, LED prototyping and custom manufacturing.





SECTION CUT AT BRIDGE





CURVILINEAR ELEMENT

