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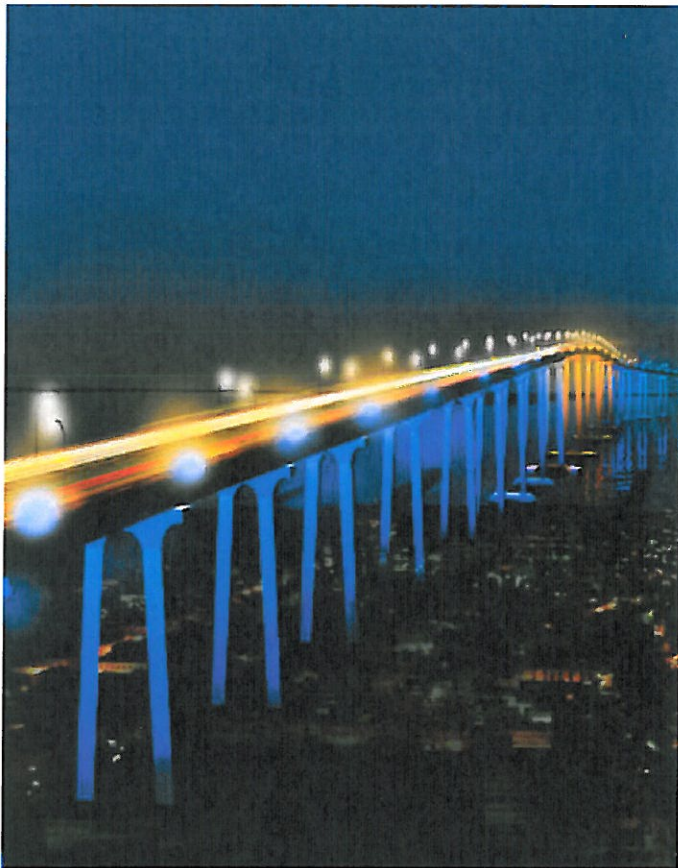
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San Diego Coronado Bridge Competition, United States

Thursday 21 Oct 2010

Bright future for San Diego



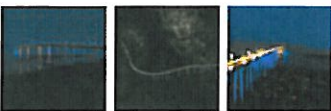
Design collective to transform San Diego Bridge with programmable LED light show

An international team led by London based artist Peter Fink (Form Associates) and lighting designer Mark Major (Speirs + Major) in association with Buro Happold in Los Angeles has been announced as the winner of the largest interactive green energy lighting project in North America.

The San Diego-Coronado Bay Bridge, built in 1969 in the spectacular context of the bay, has become a symbol of the San Diego area. The San Diego Bridge is characterised by its graceful 2.5 mile long curved deck supported by over 30 towers reaching a height of 200ft over the navigation channel. The shipping channels are spanned by the world's longest continuous three-span box girder measuring 1,880ft.

After an extensive period of evaluation, the Port Commissioners and Caltrans embraced a selection panel's recommendation to choose the Peter Fink and Mark Major led team ahead of two other finalists, the Bideau Company of Ballan-Mire, France and Ned Kahn/Patrick McInerney Associates in association with ARUP.

The winning concept envisages illuminating the bridge with programmable LED lighting in an energy neutral manner using electricity generated by wind turbines. The lighting concept is designed to celebrate the spectacular Bay location of San Diego, and emphasise the bridge as an important gateway with programmable changing



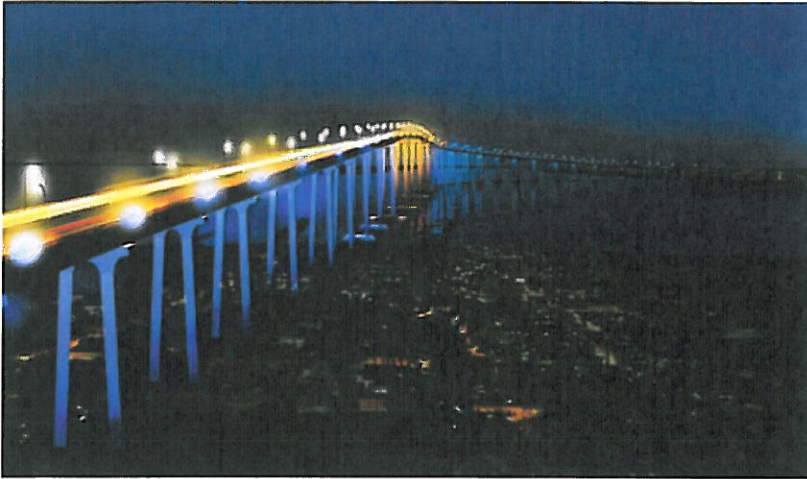
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San Diego Crossing Gets Green Lighting Scheme

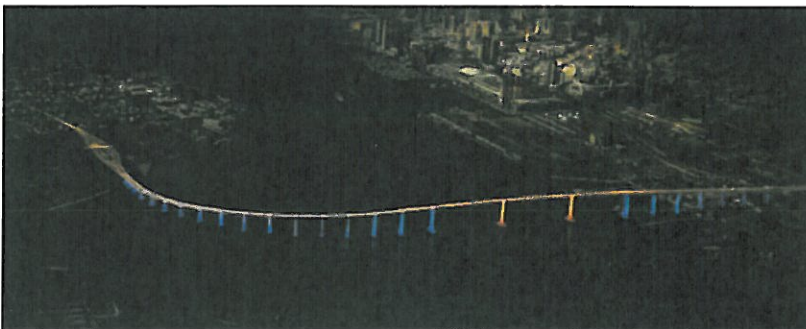
West | 10.21.10 | *Robert Thomas*



The wind-powered project is said to be the greenest large-scale lighting design in the nation. (Courtesy FoRM/S+M/Buro Happold)

California State Route 75 is getting a whole lot snazzier. The 2.5-mile-long San Diego–Coronado Bay Bridge is set to undergo the “largest interactive green energy lighting project in North America.” An international team led by London-based artist Peter Fink (FoRM Associates) and lighting designer Mark Major (Speirs + Major) plus the LA-based office of engineering consultant Buro Happold have won a worldwide contest to illuminate the iconic, swooping girder bridge, opened in 1969.

The team’s design incorporates energy-neutral LED lighting powered by wind turbines. The lighting will respond to the rate and intensity of automobile traffic on the bridge, as well as major boat traffic across its 1,880-foot shipping channel, and aims to emphasize the San Diego–Coronado Bay Bridge’s importance as a gateway between communities.



The project will create a colorful gateway for the San Diego communities.

The Port of San Diego and the California Department of Transportation chose the team’s scheme over two other finalists, including the French lighting design firm Bideau Company and a proposal from environmental artist Ned Kahn and Patrick McInerney Architects with engineering consultants Arup. Bideau Company, which has lit the Eiffel Tower and the Acropolis, proposed a moving zig-zag LED pattern projected along the length of the bridge, loosely based on designs found on pottery by the Kumeyaay Indian tribe. Ned Kahn/Patrick McInerney Architects with Arup proposed a series of clever wind and light sculptures situated in the void of each of the bridge’s inverted V-shaped girders.