

FLOW SPHERE

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Short Project Description :

Inspired by the pathways of Benjakitti Park, the "Flowsphere" bridge addresses the challenge of crossing the park's expansive lake. This multi-level, circular bridge enhances connectivity and accessibility, offering both scenic views and functional spaces for pedestrians and cyclists. Constructed with sustainable concrete, it integrates seating areas and gaps for kayaking and paddle boating. Pathway lighting, inspired by octopus camouflage patterns, illuminates the bridge at night, creating both visibility and visual impact. The design merges transit with leisure, providing a unique, eco-friendly experience while enhancing the park's overall layout and visitor experience.

Full Project Narrative/Text Description :

Inspired by the interconnected pathways of the newly developed Benjakitti Park, this bridge concept addresses the challenge posed by the expansive lake within the park. The lake's considerable width presents a significant inconvenience for pedestrians wishing to cross from one side to the other. This project aims to alleviate these accessibility issues by introducing a multi-level crossing solution that enhances ease of movement and connectivity across the lake, thereby improving the park's overall layout.

The bridge design, titled "Flowsphere," is constructed from concrete, selected for its environmentally friendly properties and alignment with sustainable design principles. The bridge features a predominantly circular form, drawing inspiration from natural forms and creating a harmonious connection with the surrounding environment. Each level of the bridge is interconnected, providing users with the option to walk along a circular route or take a more direct path. This multi-functional structure serves as a pedestrian bridge, scenic viewpoint, underwater pathway, and recreational space, accommodating both walking and cycling.

The first level of the bridge includes seating areas with designated gaps for kayaking and paddle boating, popular activities on the park's lake. The bridge is illuminated at night with pathway lighting that enhances visibility and convenience for users. Inspired by the camouflage patterns of octopuses, the lighting not only aids navigation but also creates a striking visual effect for those viewing the bridge from surrounding high-rise buildings. Through its thoughtful integration of function and aesthetics, "Flowsphere" enhances the overall park experience, offering both transit and leisure opportunities for visitors.