

BATIK WALK



STREET DESIGN
CHALLENGE 2024



SIDOARJO, SIDOARJO REGENCY,
JAVA ORIENTAL, INDONESIA



URBAN CONTEXT



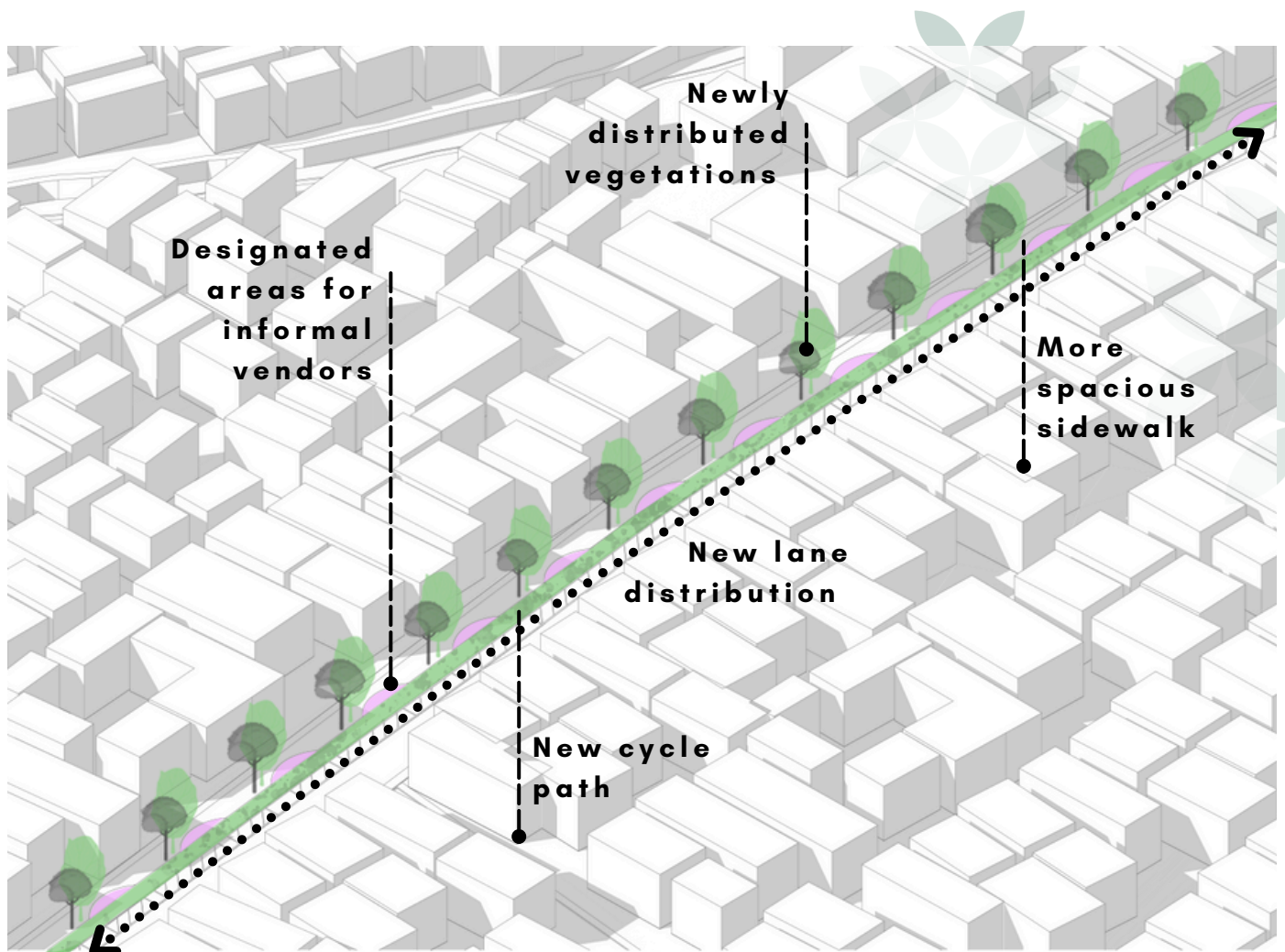
Gajah Mada Street in Sidoarjo is a vital commercial and transportation hub, bustling with informal vendors, heavy traffic, and pedestrians. Its rapid urbanization has led to congestion and inefficient space use, creating safety and mobility challenges.



Image source: google maps

CONCEPT IDEA

In order to respond to the problematics analyzed, the proposal revolves around rearranging of the lanes to improve accessibility for both vehicles and pedestrians. This ensures a smoother flow of traffic while making the street better adapted to informal vendors.

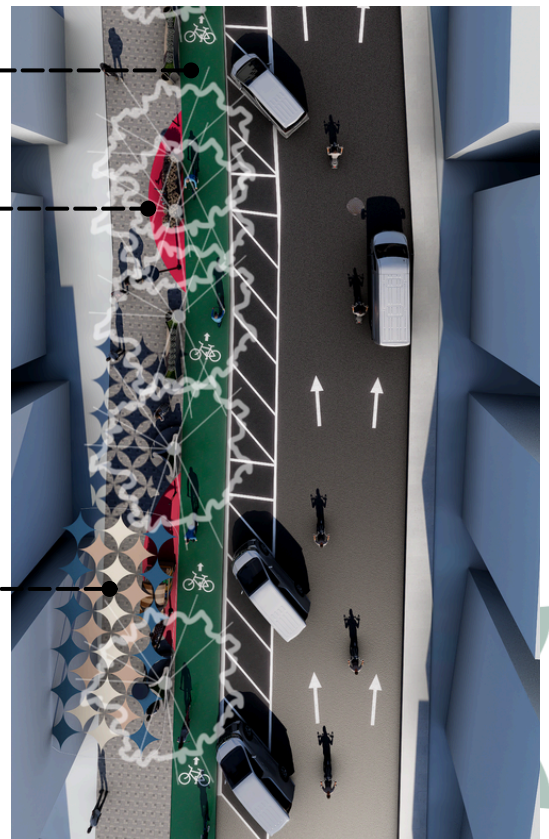


CULTURAL HERITAGE

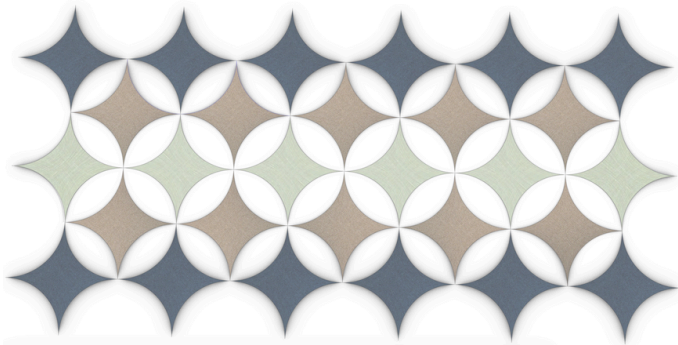
The proposal blends cultural symbolism with modern urban functionality, creating a vibrant and visually appealing street environment. The design not only serves practical needs but also provides a welcoming space for the community to gather, becoming a new visual landmark that enhances the city's identity and appeal.

Batik-inspired pedestrian paths: These patterns will serve helping to organize pedestrian flow in more aesthetically appealing way.

Half moons central seats: Designed to contain and reorganize the informal vendors, located mostly in blind spots detected in analysis, allowing social attraction at that point



Tensile shade structures: These structures will provide much-needed shade in an elegant, modern form.

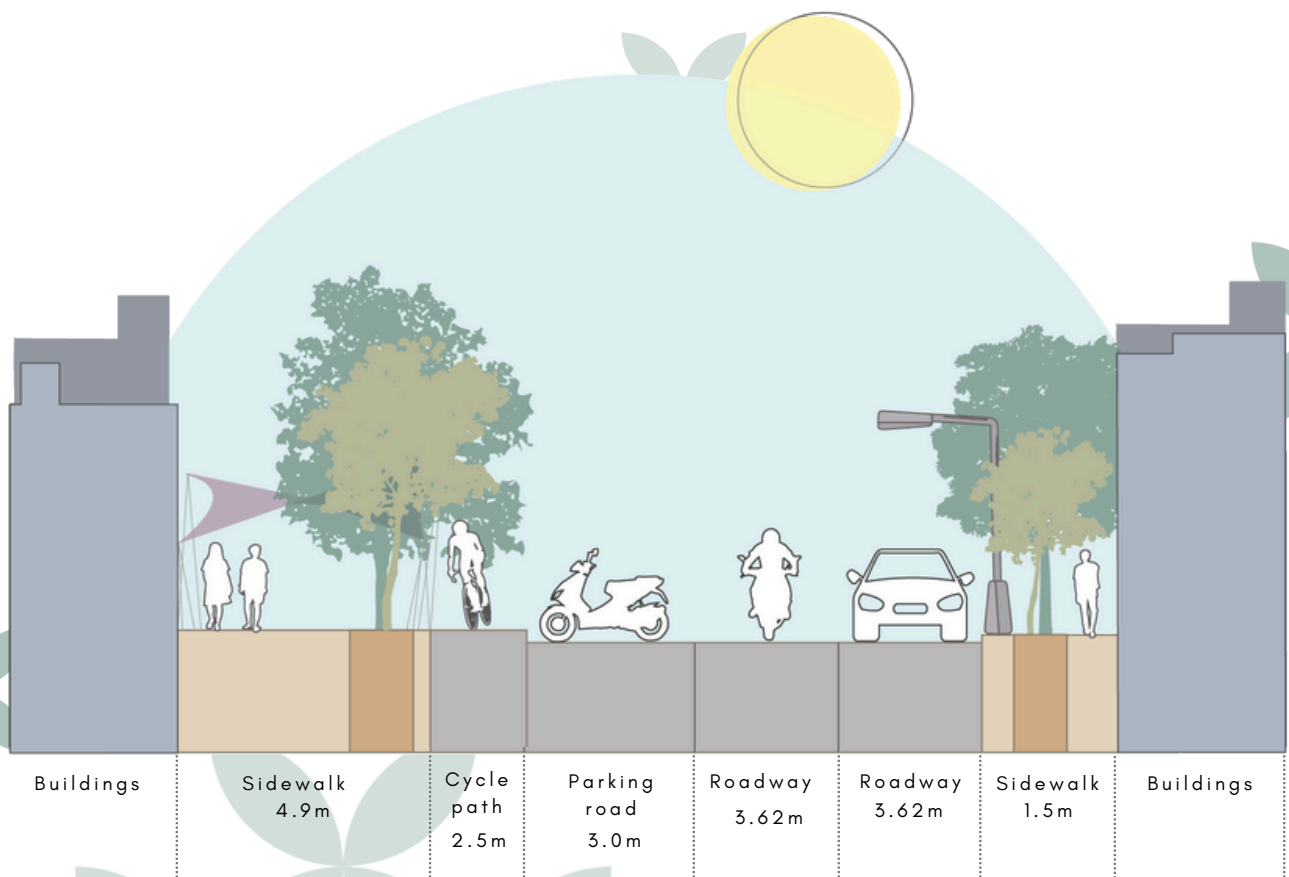


STREET FUNCTIONALITY

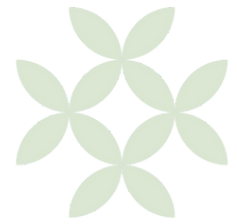
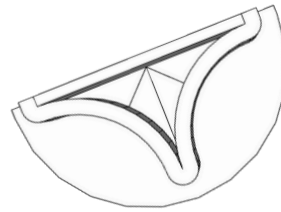
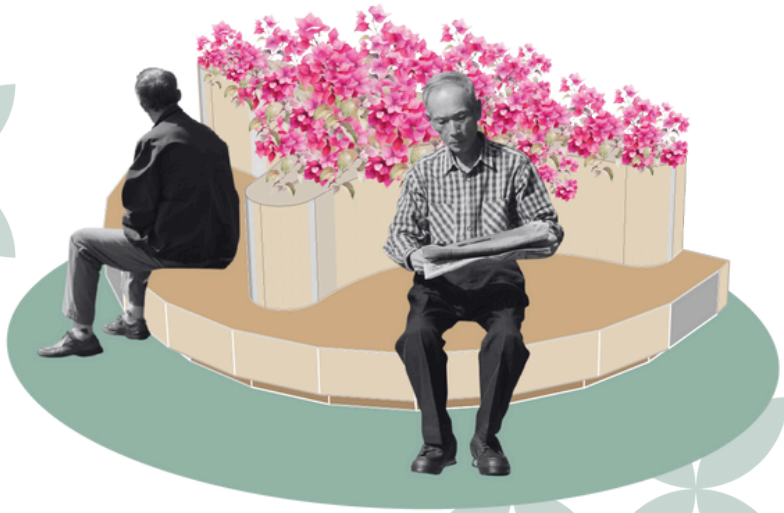
The lane rearrangement prioritizes both pedestrians and informal vendors by creating a more cohesive and multifunctional space.



It introduces clear distinctions between lanes, ensuring that each serves its specific purpose effectively, while fostering balance between foot traffic, vending areas, and vehicles.



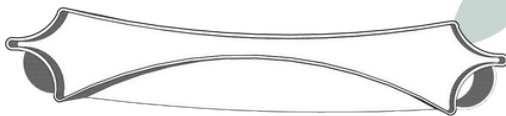
URBAN FURNITURE



The design of the urban furniture is based on our main icon which is inspired by the lotus flower, a symbol of purity and spirituality in Indonesia.



The Bougainvillea is a type of plant that already exists in the area.



This lineal second element will help the people to spend a nice and conforming time.

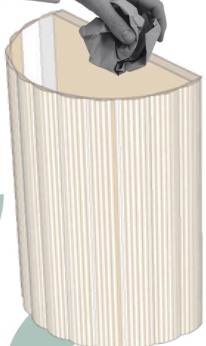


The Breyntia is a very common type of plant in the zone.



With this compatible design, we are going to face the necessity of trash cans

This design adds a trash can in both extremes, helping to solve the lack of them.



MATERIAL SELECTION



Permeable concrete



Green bituminous pavement



Purple bituminous pavement



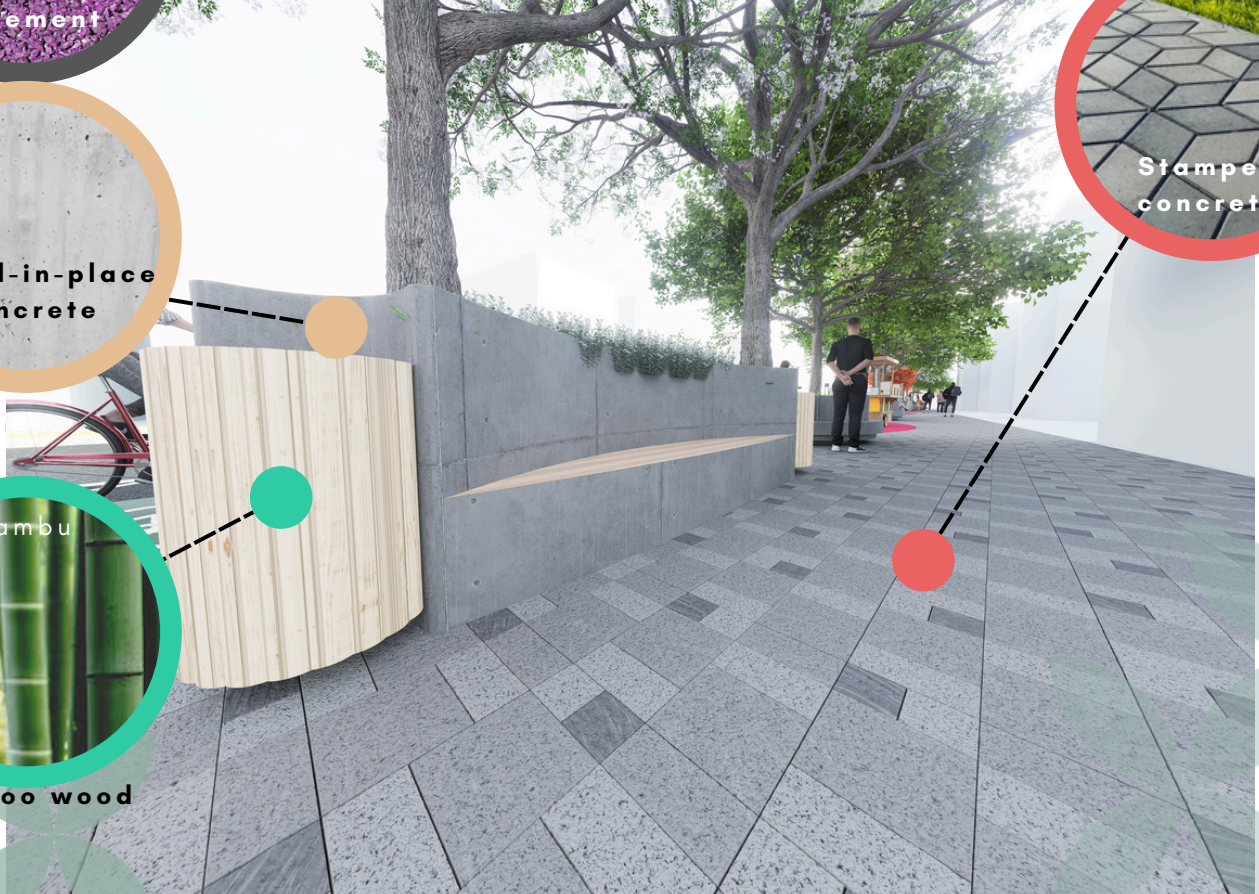
Poured-in-place concrete



Stamped concrete



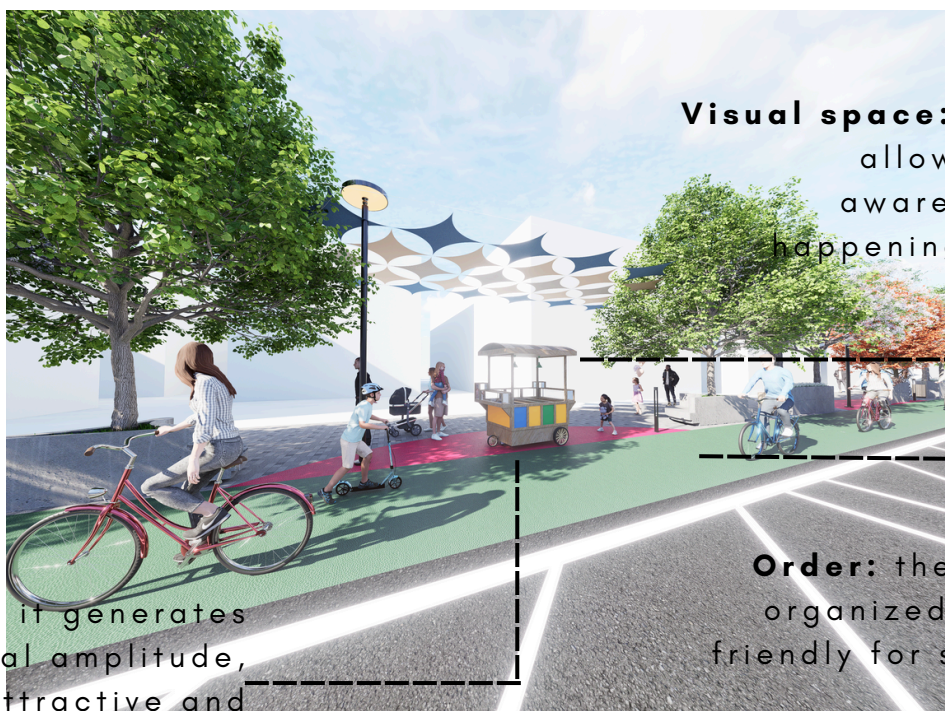
Bamboo wood



LOCAL VENDORS INTEGRATION



These design strategies are tailored to address the specific needs of different areas of the street. By focusing on issues like traffic flow, pedestrian safety, and vendor accommodation, the proposal provides solutions that enhance functionality, cultural relevance, and overall urban cohesion. Each element serves a distinct purpose, while contributing to a unified, harmonious space.



Attractive: it generates greater visual amplitude, being more attractive and perceived as safer.

Visual space: clearer visual, allows to have more awareness of what is happening at that point.

Order: the space is better organized, making it more friendly for social activities.

