



▲ **Scenario 1:** This design complies with government's plan which will route trucks entering the city from the Integration Bridge to an "integrated cargo center" located at the northwest corner of the study site. Meanwhile a customs checkpoint will be set up at the place where the bridge touches the ground.

Jiamin Tan Design Work Sample*

“Ciudad de Integración”

- A New Gateway to Ciudad del Este, Paraguay

Overview: This project planned and designed a site located in Ciudad del Este, a Paraguayan city located at the tri-national border with Brazil and Argentina. As the new Integration Bridge is being built to connect Paraguay and Brazil, the city will get a great opportunity to rebrand itself through well preserved rainforests, sustainable mobility systems, and diversified economies. This sample excerpted the general design and transportation related graphics developed throughout the project.

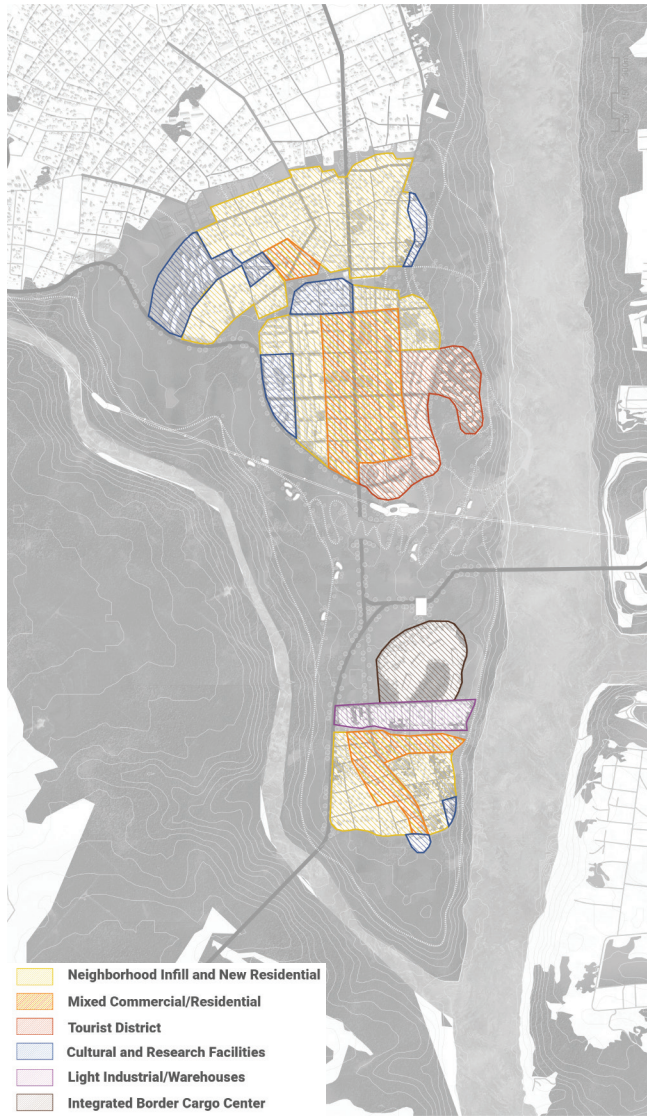


(Hand-drawn graphics collaborated with Linda Ge)

▲ **Scenario 2:** This design modifies the government's plan and proposes to combine the customs checkpoint and the "integrated cargo center." The proposed complex will be located at where the bridge hits the ground. In this way, trucks to be checked will be diverted from the traffic which goes into the city.

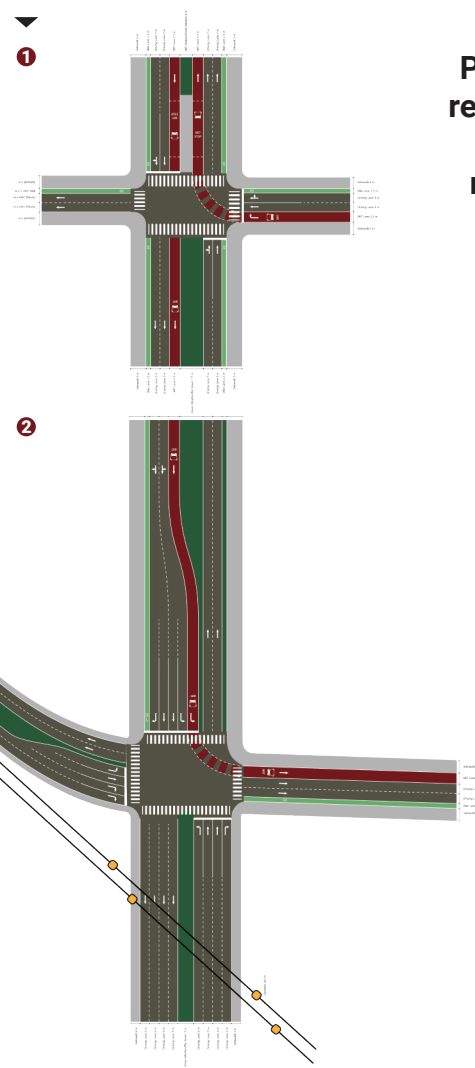


▲ Master plan (left) and zoning plan (right)

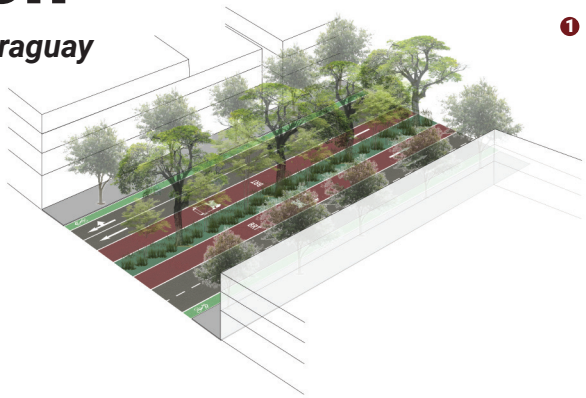
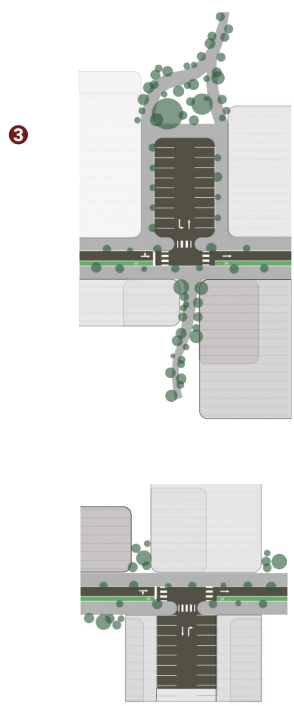


(Design collaborated with Linda Ge and Samuel Hausner-Levine. Both graphics rendered by Linda Ge)

Lane assignments on Gral. Bernardino Caballero with a BRT line looping in the area

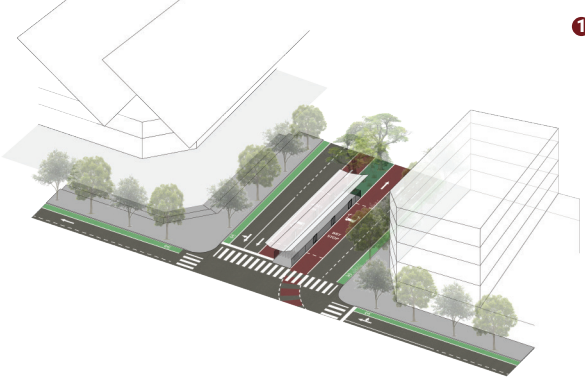


Parking typologies with retails facing pedestrian trials (top) and within mix-use developments (bottom)



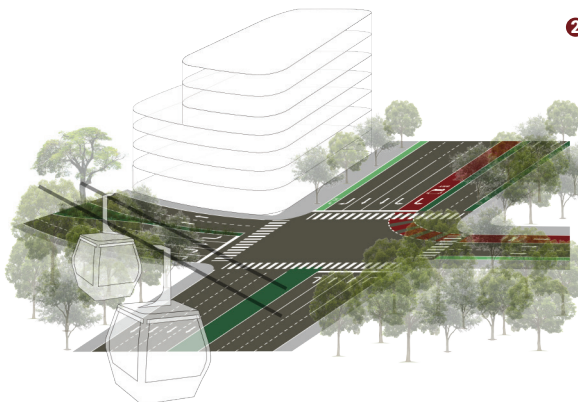
A mixed-use typology of commercial and residential with a courtyard and ground-floor parking ▶

◀ Gral. Bernardino Caballero before the BRT starts looping



◀ A BRT station typology at the intersection on Gral. Bernardino Caballero where the BRT line starts/ends looping

The intersection of the proposed regional road and Gral. Berbardino Caballero with proposed aerial gondolas ▶



*Design work excerpted from the same project of CPLN 702, Fall 2021, UPenn. Team members: Linda Ge, Samuel Hausner-Levine, and Jiamin Tan. Instructor: David Gouverneur.