University Square Drive Redesign

Group 2
Alayna Delgado, Juan Velasquez, Zachary Foltz
CGN 4933 / 6933 Sustainable Urban Mobility
Project Boundary
Project Boundary
AADT

Plan Hillsborough does not count annual average daily traffic (AADT) for University Square Drive.

Major thoroughfares Bruce B. Downs Boulevard (CR 581) and Fowler Avenue (SR 582) see AADTs of 220,486 and 120,321, respectively.*
Existing Land Use

Land use around the project boundaries is mostly public, single family, and multi-family residential housing.*

Furthermore, the corridor falls outside of the legal boundaries of the City of Tampa and is within the jurisdiction of unincorporated Hillsborough County.
Existing Cross Section

- 3 m Planting strip
- 2.5 m Sidewalk
- 2.5 m Drive lane
- 2.5 m Drive lane
- 0.5 m
- 2 m Sidewalk
- 0.5 m

Made with Streetmix
Modal Considerations

Vulnerable Road Users
- Weak sidewalk and bike lane connectivity, with approximately 1,500’ missing
- Missing 150’ Northside East-West crosswalk
- No extended pedestrian refuges at crosswalks

Transit
- 250’ to nearest HART stops (Routes 9 and 5) and ½ mile to University Area Transit Center
- University of South Florida Bull Runner Route D East / West stops**

Future considerations: TECO Streetcar extensions and multi-family residential / mixed-use developments***
Redesign Goals

- Increase connectivity for vulnerable users between the University Mall and the University of South Florida.
- Strengthen transit ridership through signage and facilities.
- Enhance safety along Bruce B. Downs by adding high-visibility crosswalk striping and rectangular rapid flashing beacons (RRFBs).
- Plan for future service to residents of high-density mixed-use student housing.
- Mill and resurface for smooth automobile and transit ridership.
Alternative Design Overview
Alternative Design Cross Section