

EVIRONMENTAL SCAN TOOL

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HCPHTX.ORG







Built Environment Unit

Our mission is to promote health and well-being through healthy community design where individuals live, learn, work, worship, and play in Harris County, Texas.

Safe Routes to School

- Pasadena
- Baytown
- Acres Homes

Safe Routes to Parks

- Baytown





Environmental Scan Tool (EST)

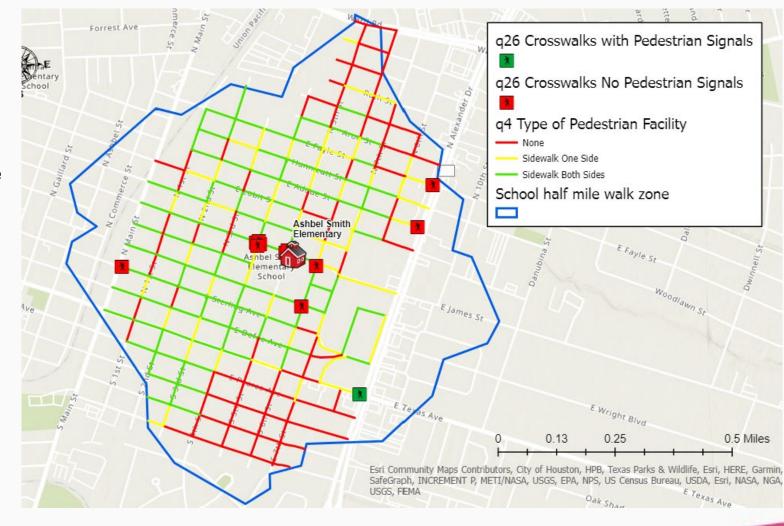
Geographic Information Systems (GIS)

Capture pedestrian and bicycle infrastructure data

- Street Segment level
- GPS coordinates

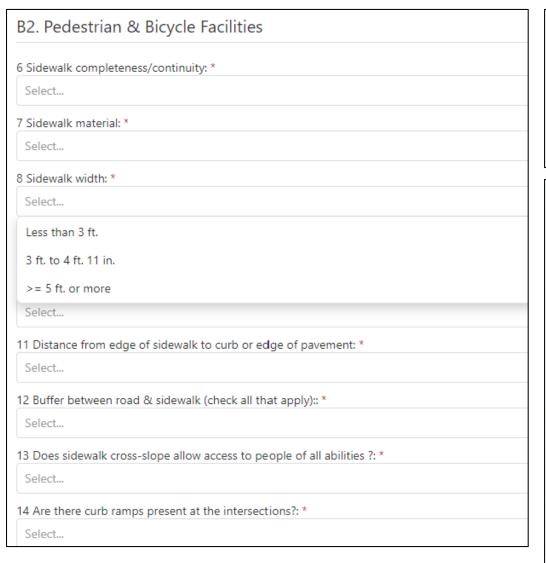
Land Use
Pedestrian and Bicycle Facilities
Road Attributes
Walking and Cycling Environment (comfort)

Created 2015, Updated 2021





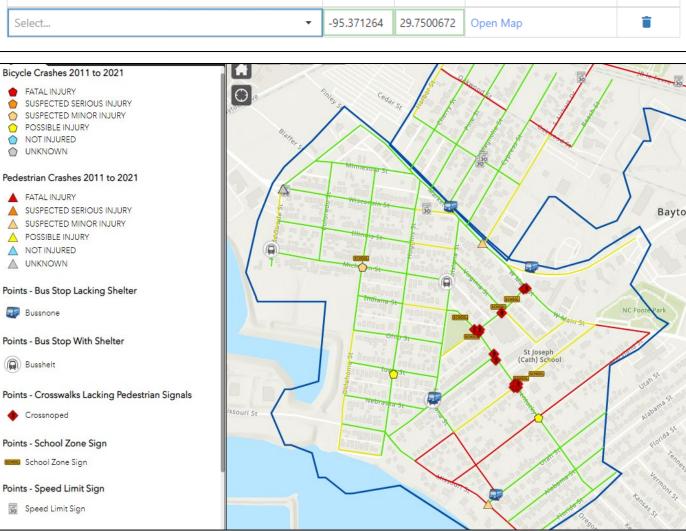












EST Benefits

Real experience walking on the street

Use of GIS and technology for more rapid assessments

Captures pedestrian and bicycle infrastructure data

Provides infrastructure data to City planning and engineering departments

EST Limitations

Evaluates both sides of the street at the same time.

Does not evaluate crossings/intersections

Limited bicycle infrastructure data

Some questions are subjective











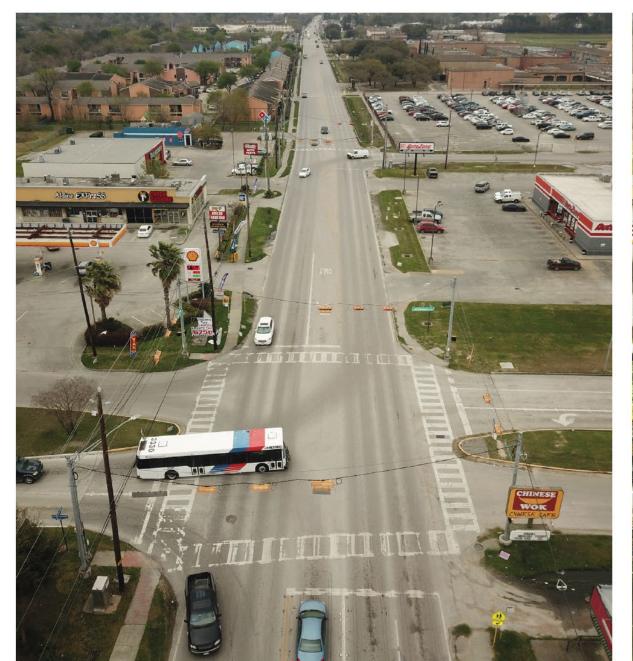










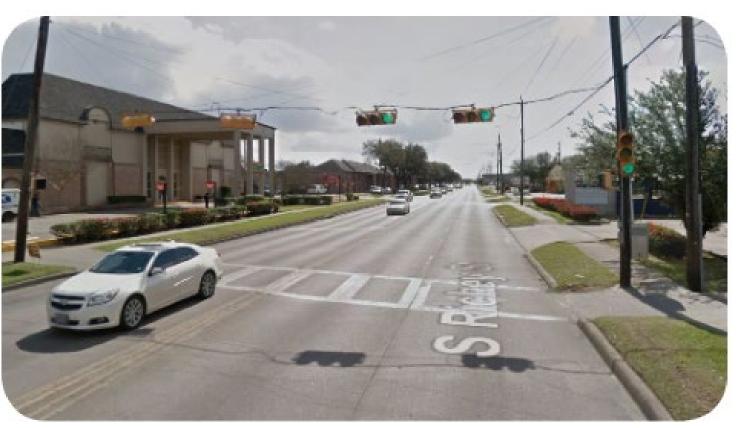




RICHEY ELEMENTARY

Improve visibility of signalized Pedestrian Crossing on Richey St. (See Appendix A)

- Install Pedestrian Hybrid Beacon Signal
- Re-stripe crosswalk and "SCHOOL XING" marks on pavement
- ADA curb ramps with truncated dome tactile strip at the bottom of the curb ramp with contrasting color
- Install additional "Pedestrian Crossing" signage on roadside and overhead crossing
- Install median on Richey St. to slow traffic
- Improve visibility of traffic signals with use of signage and physical support structure





























Resources

BE Unit Website

BE Unit Safe Routes Programs

Built Environment Tools

