

# TxDOT's 2021 Transportation Alternatives (TA) Set-Aside Funding Program

City of Huntsville – Overview of Candidate Projects





# TxDOT's 2021 TA Program Overview

- ▶ Approximately \$13 million in federal funds available for small urban (5,000 – 200,000 people) in FY 23/24
- ▶ TxDOT selects a conditional project list, a prioritized list of the highest scoring alternative transportation projects that will be administered funds as they become available
- ▶ Funding supports activities that expand bicycle infrastructure, shared-use paths, sidewalk improvements, and safety for non-motorized transportation
- ▶ Previously awarded Safe Routes to School/Transportation Alternative projects varied from \$500,000 to \$2,000,000
- ▶ All costs are eligible for reimbursement by TxDOT, including project construction, preliminary engineering, and construction administration





# TxDOT's 2021 TA Program Evaluation Criteria

## ► Safety

- Area has need for safety improvement and appropriate safety countermeasures
- Project provides less intimidating accommodations for walking, bicycling, and other non-motorized travel

## ► Connectivity & Accessibility

- Improves non-motorized routes and access to destinations of interest (business districts, downtowns, employment centers, schools, services, etc)
- Supports multi-modal connections
- Eliminates barriers to pedestrians, bicycles, and wheelchairs
- Supports investments in local tourism

## ► Community Support

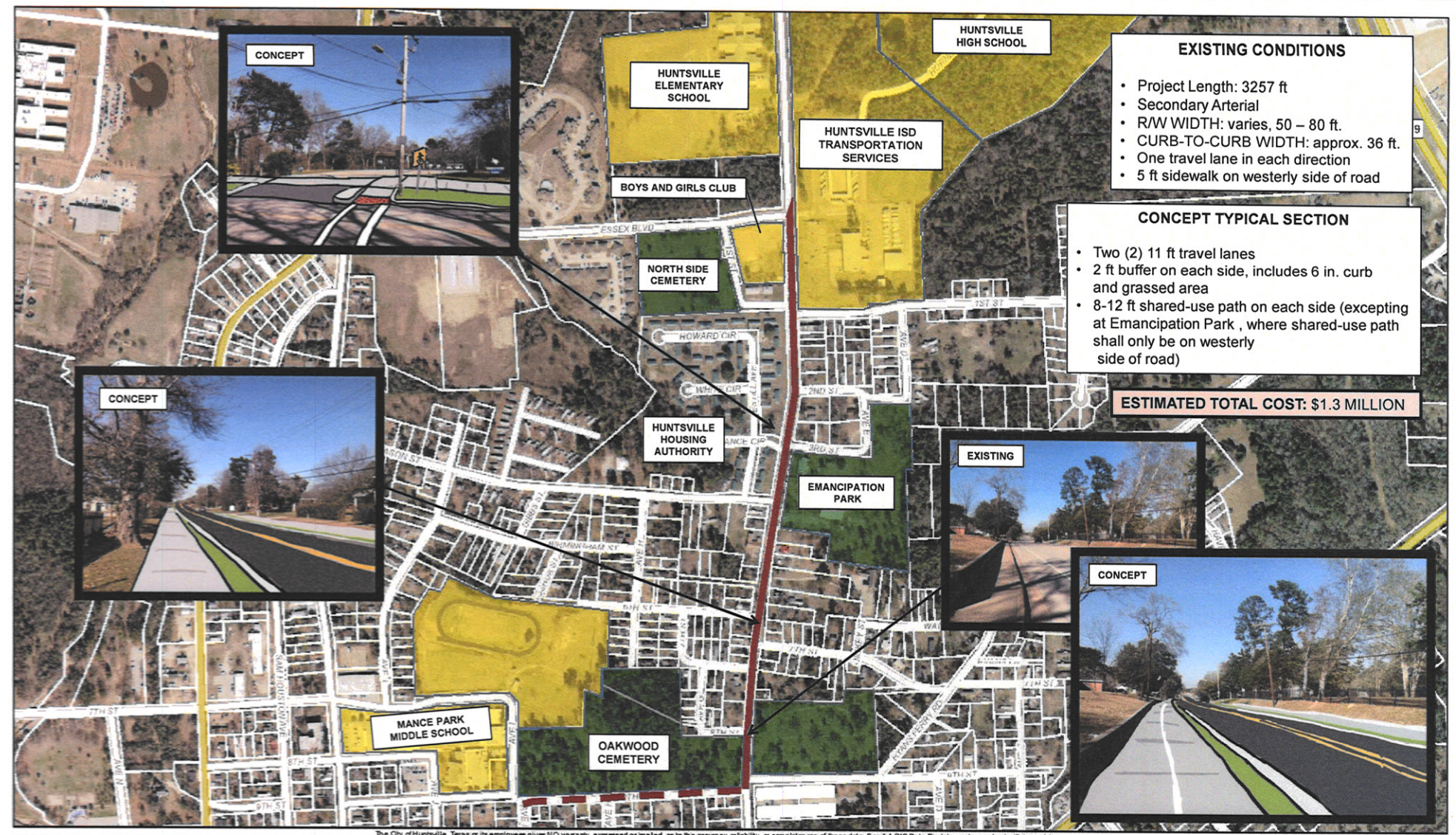
- Established community partnerships commit to collaboratively implement project
- Demonstrates a link to Transportation Master Plan

## ► Geographic Equity: improves under-served communities

## ► Demand: improves access to higher-density residential and/or employment centers







### EXISTING CONDITIONS

- Project Length: 3257 ft
- Secondary Arterial
- R/W WIDTH: varies, 50 – 80 ft.
- CURB-TO-CURB WIDTH: approx. 36 ft.
- One travel lane in each direction
- 5 ft sidewalk on westerly side of road

### CONCEPT TYPICAL SECTION

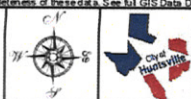
- Two (2) 11 ft travel lanes
- 2 ft buffer on each side, includes 6 in. curb and grassed area
- 8-12 ft shared-use path on each side (excepting at Emancipation Park, where shared-use path shall only be on westerly side of road)

**ESTIMATED TOTAL COST: \$1.3 MILLION**

Coordinate System: NAD 1983 StatePlane Texas Central FIPS 4203 Feet  
 Layout: Tabloid (11 x 17) - Landscape  
 On Any Print Size

**1 in = 500 ft**  
 On 11 x 17 inch Print

**CITY OF HUNTSVILLE, TX**  
**ENGINEERING DEPARTMENT / GIS DIVISION**  
**DATE: 2/1/2021**

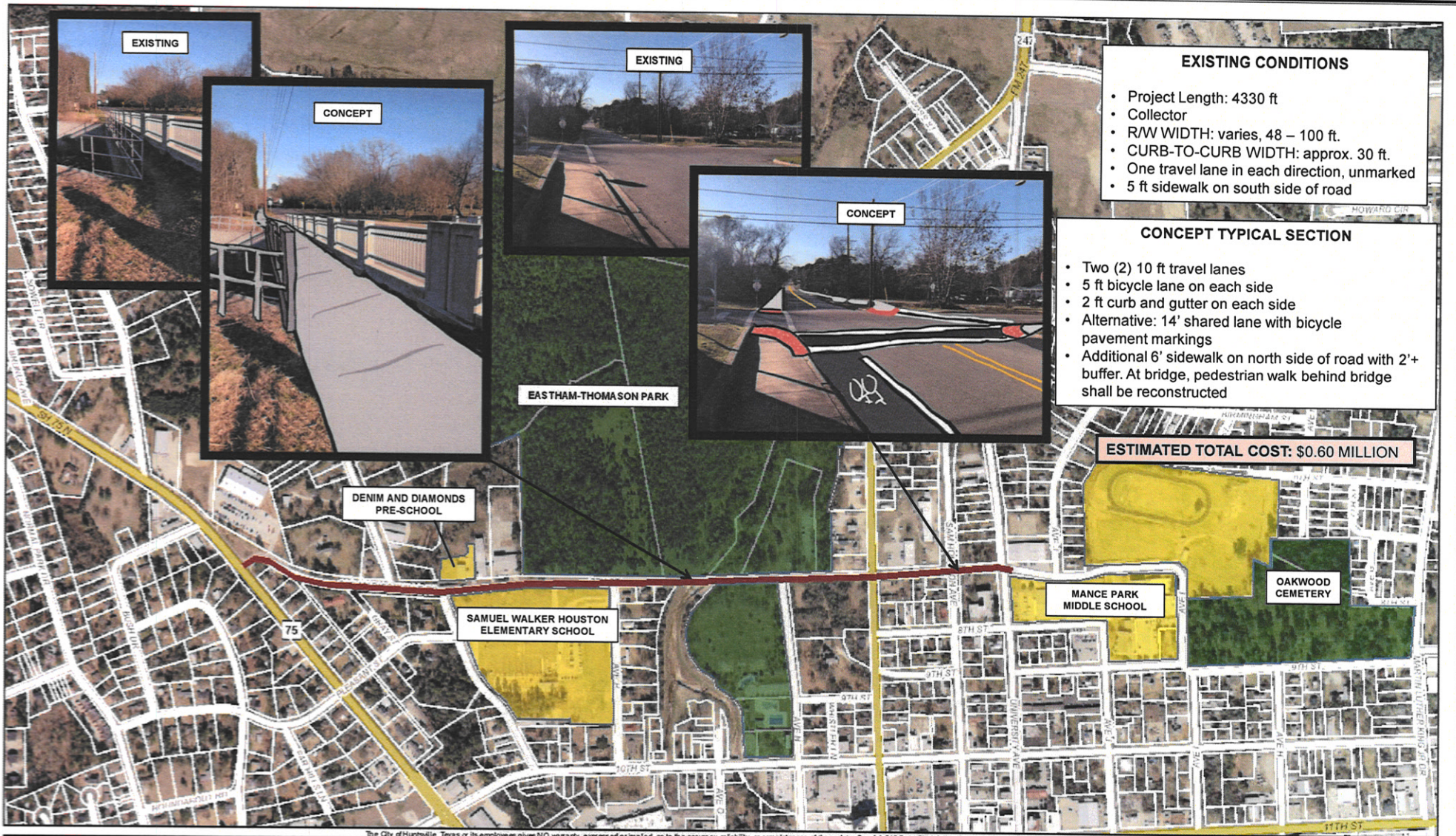


**Alternative Transportation Improvements: MLK Dr**  
 Huntsville GIS Division

**CITY SERVICE CENTER**  
 448 STATE HIGHWAY 75  
 HUNTSVILLE, TX, 77320  
[www.huntsville.tx.gov/gis](http://www.huntsville.tx.gov/gis)

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#### EXISTING CONDITIONS

- Project Length: 4330 ft
- Collector
- R/W WIDTH: varies, 48 – 100 ft.
- CURB-TO-CURB WIDTH: approx. 30 ft.
- One travel lane in each direction, unmarked
- 5 ft sidewalk on south side of road

#### CONCEPT TYPICAL SECTION

- Two (2) 10 ft travel lanes
- 5 ft bicycle lane on each side
- 2 ft curb and gutter on each side
- Alternative: 14' shared lane with bicycle pavement markings
- Additional 6' sidewalk on north side of road with 2'+ buffer. At bridge, pedestrian walk behind bridge shall be reconstructed

**ESTIMATED TOTAL COST: \$0.60 MILLION**

Coordinate System: NAD 1983 StatePlane Texas Central FIPS 4203 Feet  
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On Map Print Size

**1 in = 500 ft**  
On 11 x 17 inch Print

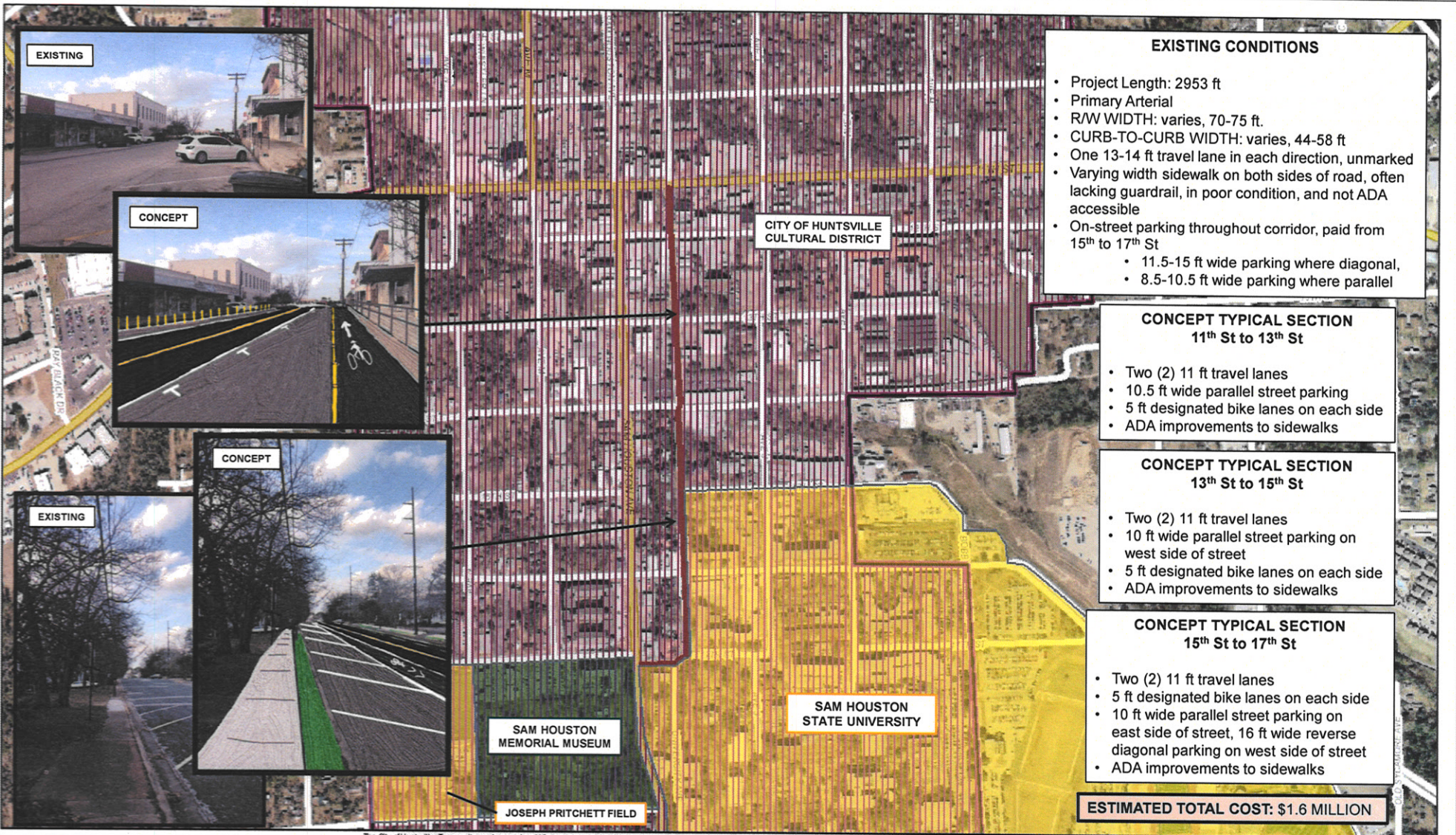
**CITY OF HUNTSVILLE, TX**  
**ENGINEERING DEPARTMENT / GIS DIVISION**  
**DATE: 2/3/2021**



**Alternative Transportation Improvements: 7th St**  
Huntsville GIS Division

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Coordinate System: NAD 1983 StatePlane Texas Central FIPS 4203 Feet  
 Layout: Tabloid (11 x 17) - Landscape  
 On-Axis Print Size

1 in = 500 ft  
 On 11 x 17 inch Print

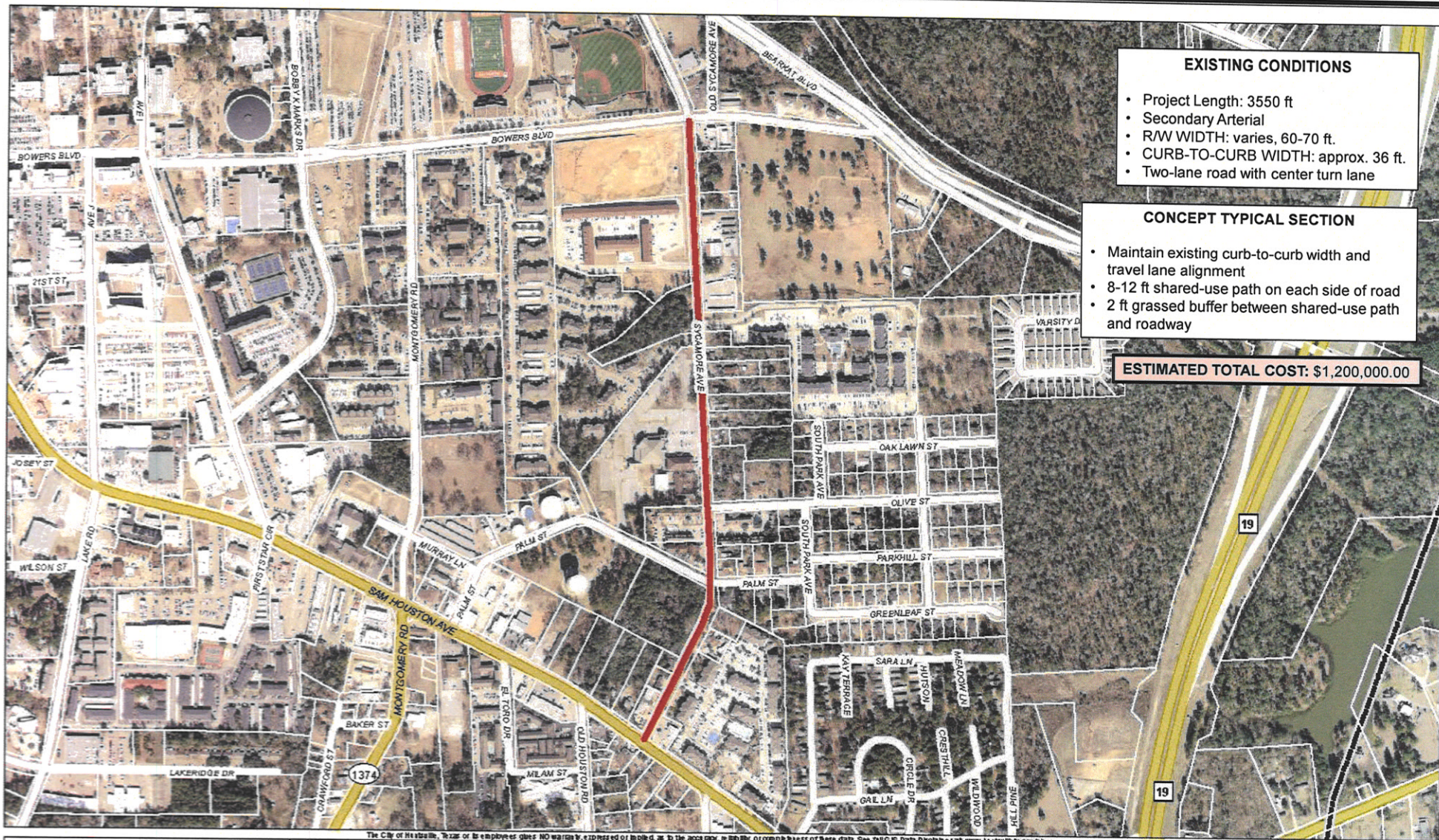
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 ENGINEERING DEPARTMENT / GIS DIVISION  
 DATE: 2/8/2021



**Alternative Transportation: University Ave**  
 Huntsville GIS Division

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#### EXISTING CONDITIONS

- Project Length: 3550 ft
- Secondary Arterial
- R/W WIDTH: varies, 60-70 ft.
- CURB-TO-CURB WIDTH: approx. 36 ft.
- Two-lane road with center turn lane

#### CONCEPT TYPICAL SECTION

- Maintain existing curb-to-curb width and travel lane alignment
- 8-12 ft shared-use path on each side of road
- 2 ft grassed buffer between shared-use path and roadway

**ESTIMATED TOTAL COST: \$1,200,000.00**

Coordinate System: NAD 1983 StatePlane Texas Central FIPS 4203 Feet  
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 0 200 400 600 800 1,000  
 FEET  
 Not Any Particular Scale

**1 in = 500 ft**

See 11 of 11 with Plot

CITY OF HUNTSVILLE, TX  
 ENGINEERING DEPARTMENT / GIS DIVISION  
 DATE: 2/23/2021



**Alternative Transportation Improvements:  
 Sycamore Ave**

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Scale: Layer 10: 10 - Landscape



	<b>Candidate Project</b>	<b>Roadway Length</b>	<b>Rough Estimate</b>
1	<b>MLK Jr. Blvd. School</b> <i>(9<sup>th</sup> Street to Essex Blvd)</i>	3,300 LF	\$1.30 million
2	<b>7<sup>th</sup> Street</b> <i>(SH 75 North to University Ave. )</i>	4,330 LF	\$0.60 million
3	<b>University Avenue</b> <i>(11<sup>th</sup> Street to 17<sup>th</sup> Street)</i>	2,950 LF	\$1.60 million
4	<b>Sycamore Avenue</b> <i>(Sam Hou. Ave to Bowers Blvd.)</i>	3,550 LF	\$1.20 million