**Project Goals**

**GOAL 1:** Provide a transfer location for six routes

**GOAL 2:** Minimize operating costs by locating the transfer center near existing routes

**GOAL 3:** Allow for route service hour expansion

**GOAL 4:** Accommodate operator and supervisor facilities

**GOAL 5:** Provide ADA accessible and safe boarding areas for transferring passengers

**GOAL 6:** Provide a secure and sheltered passenger waiting area

**GOAL 7:** Improve pedestrian and bicycle connections
Potential Transfer Zone Components

Facility Elements

- Bus Bays
- Covered Boarding Platforms
  -- Informational Signage
  -- Bike Racks
  -- Benches
- Waiting Room
- Bathrooms
- Driver Break Room

Other Elements

- Employee Parking
- Landscaped Buffers

Minimum Building 600 – 800 SF

Minimum Building 1,600 – 2,000 SF
### Site Rankings

<table>
<thead>
<tr>
<th>Site</th>
<th>Size / Shape</th>
<th>Access</th>
<th>Environmental Concerns</th>
<th>Transit System Connectivity</th>
<th>Land Use Context</th>
<th>Available Destinations</th>
<th>Multimodal Connectivity</th>
<th>Anticipated Land Cost</th>
<th>Anticipated Development Cost</th>
<th>Availability</th>
<th>Score</th>
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<tbody>
<tr>
<td>1 – Corner University / War Memorial</td>
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<td>16 – CEFCU Site</td>
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</table>

- ○ = High (3 points) ● = Medium (2 points) ◒ = Low (1 points)
- If there is a criteria considered to be “fatal” 0 points are assumed
- Site was eliminated if it had a fatal flaw (X)

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**Other sites considered**

North Side Transfer Zone: Site Environmental Review Public Open House
December 5, 2017
CEFCU Site Location

- 4310 N Brandywine Drive
- Former drive-up financial center
- In commercial area east of Northwoods Mall
North Side Transfer Zone: Site Environmental Review Public Meeting Open House
December 5, 2017
Bus Routes on Brandywine Drive (south of Scenic Dr)

**Now:** Route 14

**Future:** Routes 3, 5, 10, 12, 14 and 16

North Side Transfer Zone: Site Environmental Review Public Meeting Open House
December 5, 2017
Zoned General Commercial (C1)

Bus transfer zones are a *permitted use*

Nearby: Commercial (C1/C2) and Single-Family Residential, Medium Density (R3)
Traffic Noise Analysis

Traffic Noise

Based on these factors:
- Speed
- Distance from Road
- Topography/Elevations

Evaluation Process

1. Noise Monitoring
2. Determine Impacts and Assess Potential Mitigation

Noise Assessment Based on FTA’s Noise and Vibration Assessment Guidance Manual

+ Existing noise levels were assessed
+ Projected noise from new buses was calculated
+ Results indicate that proposed project would not result in a noise impact to the nearest residential receptor
No Impact Determined

- Air Quality
- Vibration
- Historic Resources
- Hazardous Materials
- Parklands/Recreation Facilities
- Threatened and Endangered Facilities
- Floodplains
- Water Quality
- Environmental Justice Populations
Next Steps

- Review and Incorporate Public Comments into Report
- Submit Draft Environmental Report to FTA for Approval
- Obtain Funding (Federal, State, and/or Local Funds)
- Acquire Property
- Engineering Design
- Construct Transfer Zone (cost about $1.6 M)*

* Per 2015 Feasibility Study; does not include property acquisition or engineering design
We Need Your Input!

Please provide comments on the cards provided