Riddell Tract
Multifamily and Public Park/Recreational Trail
3. **Area Infrastructure**


b. Extend/dedicate Wayne Riddell Loop.
   a. TIA: 3 lanes at S. 1st Street, narrowing to 2 lanes at existing Wayne Riddell Loop.

c. Install traffic calming devices along existing Wayne Riddell Loop, voluntary by developer (per Knolls HOA request).

d. Provide Safe Route to School (Akins High).
   - Extend sidewalks from S. 1st Street to connect to existing Wayne Riddell Loop (per Knolls HOA request).
   - Extend sidewalks along west side of S. 1st Street (including voluntary offsite sidewalks by developer to connect to existing sidewalk at Meadows at Double Creek, per Meadows HOA request).
   - Per ATD - convert buffered bicycle lanes to protected bicycle lanes for Akins High School with delineated posts on S. 1st Street frontage.

e. Implement Transportation Demand Management.
Conceptual Plan - Multifamily, Parkland, and Trail
Wayne Riddell Loop Extension (TIA: 3 lanes, narrowing to 2 lanes)
TIA: Wayne Riddell Loop Extension
(3 lanes, narrowing to 2 lanes)
FM 1626 Corridor Improvement Projects

Start by early fall 2022, completed 9 to 18 months later.

Project let date July 2020, completed October 2021.

FM 1626 CORRIDOR IMPROVEMENT PROJECTS
- FM 1626 Substandard Street Project
- FM 1626 Between Johnson Lane and Manchaca Road
- FM 1626 Between Sombrero Drive and South 1st Street
Project Summary
Extents: South 1st Street to Sombraro Drive
Length: 0.75 miles
Responsible Party: TxDOT
Project: Widens from two lanes to three lanes with a 5-foot shoulder on both sides.
Timeline: Construction Planned for sometime in 2022
Cost: $1,163,674
Project Summary
Extents: Brodie Lane to Manchaca Road
Length: 1.33 miles
Responsible Party: TxDOT
Project: Widens from three lanes with no shoulder, curb and gutter, or sidewalks to five lanes with shoulder, curb and gutter, and sidewalks
Timeline: Begin construction in July 2020 and be completed by fall of 2021
Cost: $11,352,514
Existing Conditions

Key:
- •••• = Drop-Off/Pick-Up Loop (In)
- •••• = Drop-Off/Pick-Up Loop (Out)
- ••• = Short-Cut to Drop-Off/Pick-Up Loop
- ••• = Short-Cut from Drop-Off/Pick-Up Loop
- •• = Queue for Pick-Up

Left turns out of the driveways are allowed, but observed mostly right turns out due to high volume of South 1st Street traffic.

Vehicles park in buffered bike lane on South 1st Street due to lack of capacity in pick-up loop and traffic volumes on South 1st Street.

Additional flow creates congestion near drop-off/pick-up zone.

Attachment 1
Existing Conditions
Dangerous Condition: Vehicle stops in South 1st Street travel lane for pick-up
Akins High Proposed Drop-Off/Pick-Up Circulation

Key:
- Solid Green: Entering Traffic
- dash: Drop-Off Zone
- Solid Blue: Exiting Traffic
- Solid Red: Temporary & Permanent Closures

- Permanently Close Access to Drive Isle (Reduce Conflicts)
- Future Wayne Riddell Loop Connection
- Permanently Close Access to Drive Isle (Create Queueing Space for Loop)
- Temporarily Close During Drop-Off/Pick-Up Periods
- CCW Direction for Pick-Up Loop (Inside Lane = Passing Lane & Outside Lane = Drop-Off/Pick-Up Lane)
- Temporarily Close During Drop-Off/Pick-Up Periods

Drop-Off/Pick-Up Period Circulation
Akins High School, Austin, Texas
Oden Hughes South 1st Street Apartments
WAYNE RIDDELL LOOP

TRAFFIC CALMING

EXAMPLE: MINT JULEP DRIVE

INTRODUCES TWO NEW STOP LOCATIONS ALONG WAYNE RIDDELL LOOP.

INTRODUCES TWO NEW SPEED HUMPS AT POTENTIAL HIGH SPEED LOCATIONS.

OPPORTUNITY FOR NEW CROSSWALK LOCATIONS.

COMBINATION ADDS 35-40 SECONDS TO POTENTIAL CUT-THROUGH TRAFFIC.
Wayne Riddell Loop Extension as adopted in the ASMP

**ASMP Street Table**

<table>
<thead>
<tr>
<th>Name</th>
<th>WAYNE RIDDELL LOOP</th>
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<tbody>
<tr>
<td>Segment Limits</td>
<td>Lord Derby Dr to S. 1st St</td>
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<tr>
<td>Future Bicycle Facility</td>
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<tr>
<td>Bicycle Description</td>
<td>All Ages and Abilities Bicycle Facilities</td>
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<tr>
<td>Pedestrian Description</td>
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<td>Project Description</td>
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<td>ROW Remarks</td>
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**Legend**

- **Wayne Riddell Loop (Existing Road)**
- **Wayne Riddell Loop (Connection - New Road)**
- **TCAD Parcels**
- **Existing Right-of-Way (ROW)**

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