Transportation Improvement Plan for 2019 to 2021
VISION STATEMENT
Transportation Improvement Plan

The vision of the County’s Transportation Improvement Plan is to provide for roadway improvements that make it easier for citizens to travel throughout the County, efficiently and safely completing all trips. This is done by funding road improvements that enhance travel throughout St. Charles County, including construction of new roads to meet the demands of new development or changes in traffic patterns, as well as enhancements to existing roads to reduce congestion or improve safety.

MISSION STATEMENT
St. Charles County Roads and Traffic

The mission of St. Charles County Roads and Traffic is to effectively and efficiently utilize the transportation sales tax to improve and enhance the transportation system throughout the county.
Road Board

**County Council Districts**
- Council District 1: Caleb Hunter
- Council District 2: Richard Masterson
- Council District 3: Cindy Fox-Griffey
- Council District 4: Debbie Haley
- Council District 5: Matthew Johannesman, Chair
- Council District 6: Richard Rufkahr
- Council District 7: Daniel Kuntz

**Municipalities**
- City of Lake St. Louis: James Tognoni
- City of O'Fallon: Jeanette Koechner
- City of Saint Charles: Brian Pundmann
- City of Saint Peters: Scott Kolkmeyer
- City of Wentzville: Robert Schmidt
Priorities

1. New Arterial Roads and Improvements to Existing Arterials
2. Congestion Mitigation/Safety on Non-Arterial Roads
3. Economic Development Enhancement Projects
## System Inventory

### Existing Infrastructure

<table>
<thead>
<tr>
<th></th>
<th>Centerline Miles of Roadway</th>
<th>Lane Miles of Roadway</th>
<th>Miles of Shared Use Path / Bike Trail</th>
<th>Miles of On-Road Bike Lane</th>
<th>Number of Locally Maintained Bridges</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>City Owned</strong></td>
<td>1518.6</td>
<td>3458.5</td>
<td>85</td>
<td>48.6</td>
<td>50</td>
</tr>
<tr>
<td><strong>County Owned</strong></td>
<td>623</td>
<td>1267</td>
<td>1</td>
<td>0.5</td>
<td>78</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>2141.6</strong></td>
<td><strong>4725.5</strong></td>
<td><strong>86</strong></td>
<td><strong>49.1</strong></td>
<td><strong>128</strong></td>
</tr>
</tbody>
</table>
## Pavement Conditions

### Residential Roadways

<table>
<thead>
<tr>
<th>Condition</th>
<th>Total Length (miles)</th>
<th>% of Total</th>
<th>Total Length (miles)</th>
<th>% of Total</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good (71-100)</td>
<td>362.8</td>
<td>76.8%</td>
<td>653.7</td>
<td>87.8%</td>
<td>77%</td>
</tr>
<tr>
<td>Average (70-51)</td>
<td>93.5</td>
<td>19.8%</td>
<td>67.3</td>
<td>9%</td>
<td>20%</td>
</tr>
<tr>
<td>Poor (50-0)</td>
<td>16</td>
<td>3.4%</td>
<td>23.2</td>
<td>3.1%</td>
<td>3%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>472.22</strong></td>
<td></td>
<td><strong>744.2</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Pavement Conditions

#### Collector Roadways

<table>
<thead>
<tr>
<th>Condition</th>
<th>County-Owned Roads</th>
<th>City-Owned Roads</th>
<th>GOAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Length (miles)</td>
<td>% of Total</td>
<td>Total Length (miles)</td>
</tr>
<tr>
<td>Good (71-100)</td>
<td>84.8</td>
<td>80.6%</td>
<td>175.6</td>
</tr>
<tr>
<td>Average (70-51)</td>
<td>19.7</td>
<td>18.7%</td>
<td>16.9</td>
</tr>
<tr>
<td>Poor (50-0)</td>
<td>0.7</td>
<td>0.7%</td>
<td>3.8</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>105.2</strong></td>
<td></td>
<td><strong>196.3</strong></td>
</tr>
</tbody>
</table>
## Pavement Conditions

### Arterial Roadways

<table>
<thead>
<tr>
<th>Condition</th>
<th>County-Owned Roads</th>
<th>City-Owned Roads</th>
<th>GOAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Length (miles)</td>
<td>% of Total</td>
<td>Total Length (miles)</td>
</tr>
<tr>
<td>Good (71-100)</td>
<td>17.8</td>
<td>93.2%</td>
<td>98.7</td>
</tr>
<tr>
<td>Average (70-51)</td>
<td>1</td>
<td>5.3%</td>
<td>2.2</td>
</tr>
<tr>
<td>Poor (50-0)</td>
<td>0.3</td>
<td>1.5%</td>
<td>0.6</td>
</tr>
<tr>
<td>TOTAL</td>
<td>19.1</td>
<td></td>
<td>101.5</td>
</tr>
</tbody>
</table>
GOAL Reduced delay and crashes on signalized corridors

- St. Charles County Yearly Congestion Report will be produced comparing congestion related performant in 2017 and 2018. This report will establish additional goals and objectives for congestion and delay.

- Emergency Vehicle Priority will be implemented in 2019
Safety

Crash Data

GOAL
Decrease total crashes and severity rating with safety improvement projects

Crash Heat Map illustrates locations with the highest density of crashes from 2014-2016
Transportation Improvement Plan

• Since its inception, the County’s ½ cent transportation sales tax has provided approximately $650 million in County funding to construct just under $1.3 billion in transportation improvements.

• With changes in available funding, over the last 10 years, the County funding percentage has varied from as little as 48 percent to as much as 72 percent of total project costs, with a 10-year average of 52 percent.

• The proposed 2019 TIP will provide over $27 million in County funds to construct over $46 million in improvements, around 58 percent of total project funding.
### Recommended Projects Overview

#### Recommended County Funding by Project Type

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Project Type</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.2%</td>
<td>New Road</td>
<td>3</td>
</tr>
<tr>
<td>29.7%</td>
<td>Traffic Flow</td>
<td>6</td>
</tr>
<tr>
<td>20.9%</td>
<td>Condition</td>
<td>3</td>
</tr>
<tr>
<td>11.7%</td>
<td>Other</td>
<td>3</td>
</tr>
<tr>
<td>2.1%</td>
<td>Study</td>
<td>5</td>
</tr>
<tr>
<td>0.9%</td>
<td>Bridge</td>
<td>1</td>
</tr>
<tr>
<td>0.5%</td>
<td>Safety</td>
<td>1</td>
</tr>
</tbody>
</table>

20 New Project Application and 2 Supplemental Applications

**Total County Funding** = $27.3 million (58.4%)

- **Federal Funds** = $10.8 million (23.2%)
- **Sponsor Funds** = $8.3 million (17.8%)
- **Other Funds** = $278,000 (0.6%)

$46.7 million in total project costs
New Roads & Improvements to Arterials

55% of Recommended County Funding

New Road Projects
- Boschertown Road Phase 2 (St. Charles)
- Wentzville Parkway South Phase 2/2A (Wentzville)

Road Condition Improvement Projects
- Gutermuth Road Phase 3 from Motherhead to Old Gutermuth (County Highway)
- Lake St. Louis Boulevard Phase 3 from Blue Cove Terrace to Spillway Bridge (Lake St. Louis)
- Spencer Road from Willott Road to Thoele Road (St. Peters)
Congestion Mitigation

30% of Recommended County Funding

Guthrie Road (O’Fallon)

Heritage Crossing at MO 94 (County Highway)

$8M in County funds for $17M in total project costs

Little Hills Expressway and Mel Wetter Roundabout (St. Charles)

MO N and MO Z Intersection Realignment (County Highway)

Wentzville Parkway South Phase 1 (Wentzville)

West Pearce Boulevard and Meyer Road Traffic Signal (Wentzville)
Safety & Bridge

Safety – 0.5% of Recommended County Funding
• Jungermann Road Safety (St. Peters)
  • Low cost safety improvements

Bridge – 0.9% of Recommended County Funding
• Zumbehl Road Bridge Culvert (St. Charles)
  • 80% Federal, 10% County, 10% City
Studies

2.1% of Recommended County Funding
Studies will assess potential roadway connections and interchange improvements to better define future projects
• Route 370 @ Salt River Road Access Justification
• Route 364 @ Technology Drive Interchange Feasibility
• Old Highway N @ Sommers Road
• Route 79 @ Riverside Drive
• Route DD @ Diehr Road
2019 to 2021
Transportation Improvement Plan

This Road Project Paid In Part Through Your St. Charles County ½ Cent Transportation Sales Tax

For more information, please visit www.sccmo.org

For more information on how the transportation sales tax is being put to work, visit www.sccmo.org.