Agenda

1. Welcome and introductions
2. Review detailed needs assessment story map
3. Update on scenario analysis
4. Next steps:
   • Approach to RTP project selection
   • Public engagement
Public engagement
Summer/fall 2018
Recent engagement objectives

one
Update vision statement
What is the RTP?
What are objectives for this plan update?

two
Revisit policy framework

three
Needs assessment
Gain feedback on needs via polling (141 participated)

four
Scenario analysis
RTP 2050 Needs

1. Placemaking
2. Access to Opportunity
3. Economic Vitality
4. Transportation Choices
5. Public Health & Safety
6. Healthy Environment
7. Data & Technology
8. Financial Sustainability

Detailed STORY MAP Chapter 1 – Plan overview
Detailed STORY MAP Chapter 2 – Needs assessment
RTP 2050 Needs Assessment

One of the early steps in developing the Regional Transportation Plan for 2050 was a needs assessment. As we think about what we will need from our transportation system over the next 30 years, we start with our updated regional vision:

Greater Kansas City is a region of opportunity. Its robust economy, healthy environment and social capacity support the creativity, diversity and resilience of its people, places and communities.

Read the full vision statement

In order to achieve this vision, RTP 2050 stakeholders outlined a policy framework that focuses on key elements: vibrant, connected and green places and successful, engaged and healthy people supported by strong communities.

RTP 2050 Policy Framework

- CENTERS AND CORRIDORS FOCUS
- EQUITY
- ECONOMIC VITALITY
- TRANSPORTATION CHOICES
- SAFETY & SECURITY
- SYSTEM CONDITION & PERFORMANCE
- PUBLIC HEALTH
- ENVIRONMENT
- CLIMATE/ENERGY
- DATA & TECHNOLOGY
- FINANCIAL SUSTAINABILITY

See the development process for the vision, goals and policy framework.
Activities

- Presented at:
  - Five MARC committee meetings
  - Seven stakeholder meetings

- Facebook Live presentation to introduce Needs Assessment story

Presentation at OP Chamber of Commerce lunch.
Polling result

Which of these needs resonates with you? Pick two.

- Financial sustainability
- Economic vitality
- Transportation choice
- Access to opportunity
- Centers and corridors focus
- Public health and safety
- Healthy environment
- Data and technology
Polling result

Which of these needs resonates with you? Pick two.

- Financial sustainability
- Economic vitality
- Transportation choice
- Access to opportunity
- Centers and corridors focus
- Public health and safety
- Healthy environment
- Data and technology

[Chart showing percentage of responses for each need]
Polling result
Are there any needs missing?
Please, step into our laboratory
Modeling scenarios to guide investments
RTP 2050 Policy Framework

- Centers and Corridors Focus
- Equity
- Economic Vitality
- Transportation Choices
- Safety & Security
- System Condition & Performance
- Public Health
- Environment
- Climate/Energy
- Data & Technology
- Financial Sustainability
Why do modeling?

Decisions we make about transportation infrastructure today can have a big impact well into the future.

Modeling demonstrates how choices we make today might:

- Affect the system in the future.
- Help us meet our goals.
- Have unintended consequences.
Population and Employment

- Where do people live and work today?
- Where will they live and work in the future?
- How will this impact travel choices?
- What kind of transportation system will we need?
What if...?
Centers and corridors

2040 projections

40%?

10%?

Actual 25%
Population today
Population
2040
Employment today
Employment 2040
Let it ride

Trend growth scenario

• Projected 2010-20 trends extend through 2040.
• Job growth: 178,000

150,000

500,000
Take the wheel
Focused growth scenario

• More development in centers & corridors.
• Job growth: 277,000
Let’s turn some dials!
Transportation scenario

Freeze frame

• No transportation investments beyond the current short-range transportation plan.
Transportation scenario

**Hop on the bus, Gus**

- Build what’s in short-range transportation plan.
- Implement enhanced Smart Moves transit.
Transportation scenario

If you build it...

• Implement all financially-constrained projects in long-range plan, Transportation Outlook 2040.
Transportation scenario

Money DOES grow on trees

• Add capacity in congested areas, regardless of cost.
# Travel model results

<table>
<thead>
<tr>
<th></th>
<th>Let it ride</th>
<th>Take the wheel</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Trend growth</td>
<td>Focused growth</td>
</tr>
<tr>
<td>VMT</td>
<td>VHT</td>
<td>Transit ridership</td>
</tr>
<tr>
<td>Freeze frame</td>
<td>56,430,000</td>
<td>1,498,000</td>
</tr>
<tr>
<td>Hop on the bus, Gus</td>
<td>56,286,000</td>
<td>1,492,000</td>
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<tr>
<td>If you build it...</td>
<td>56,437,000</td>
<td>1,487,000</td>
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<tr>
<td>Money DOES grow on trees</td>
<td>56,870,000</td>
<td>1,440,000</td>
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</table>
Vehicle miles traveled

- Freeze Frame: 56,400,000
- On the Bus+: 56,200,000
- If You Build It: 56,400,000
- $ on Trees: 56,800,000

Categories:
- Let it Ride
- Focused Growth
Vehicle hours traveled
Transit ridership

<table>
<thead>
<tr>
<th>Service</th>
<th>Ridership</th>
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</thead>
<tbody>
<tr>
<td>Freeze Frame</td>
<td>190,000</td>
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<tr>
<td>On the Bus+</td>
<td>170,000</td>
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<tr>
<td>If You Build It</td>
<td>150,000</td>
</tr>
<tr>
<td>$ on Trees</td>
<td>130,000</td>
</tr>
</tbody>
</table>

Legend:
- Let it Ride
- Focused Growth
What does testing tell us?

- Confirms sensitivity and improves understanding of the travel model.
- Highlights themes:
  - Growth scenario has significant impact on travel demand.
  - Better transit service invites shift from autos.
  - More capacity = more VMT, less VHT
What does testing tell you?
Future testing
Automated vehicles

Future scenarios lens
What’s next?

● Expand performance outcomes to include:
  ○ Average travel time to work for:
    ■ Environmental justice versus non-environmental justice populations
    ■ Transit versus auto
  ○ Total cost of investment scenario
  ○ Acres of land consumed by new development

● Develop more specific transportation scenarios to test and inform project selection.
Approach to RTP project selection
RTP Project Selection Methodology Proposal

Schedule/Timeline

November 2018
- Issue notice of 2019 RTP project selection process to agencies which sponsored TO2040 projects. Projects included in current TO2040 will be asked to be resubmitted with updated project information (scope, cost, funding mechanisms, etc.) in order to be considered for RTP 2050.

December 2018 /January 2019:
Work with Committees/stakeholders to reach consensus on appropriate solutions for regional needs.
- Develop initial MARC generated project list.
  - Individually consult with system owner/sponsors regarding MARC generated project list prior to public release of list.
- Develop Project Scoring Criteria.
- Develop Project Costing process.
- Present to Steering Workgroup by January 17th, 2019. Seek concurrence.
- Present to TTPC/Board. Seek concurrence.

February:
- Launch “Request for comments/Call for Projects”.

April:
- Close out “Request for Comments/Call for Projects”.
- Present to steering workgroup by April 11th, 2019.

May/June:
- Score Projects/Build Transportation network scenarios.

July:
- Complete scenario analysis efforts.
- Present results to Steering Workgroup by July 15th, 2019.
- Present to TTPC/Board.
- (Public Engagement & feedback)

October:
- Finalize Project Selection
- Present to steering workgroup by October 7th, 2019.
- Present to TTPC/Board.

November/December:
- Project selection completion. Seek approval from TTPC/Board
Upcoming public engagement
## Preceding engagement
**August and September**

<table>
<thead>
<tr>
<th><strong>Internal Committees</strong></th>
<th><strong>Outside Groups</strong></th>
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</thead>
<tbody>
<tr>
<td>Manager’s Roundtable</td>
<td>Overland Park Chamber (Economic Development Council Investors)</td>
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<tr>
<td>Total Transportation Policy Committee (TTPC)</td>
<td>South Kansas City Alliance</td>
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<tr>
<td>Air Quality Forum (AQF)</td>
<td>Blue Springs HOA</td>
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<tr>
<td>Sustainable Places Policy Committee (SPPC)</td>
<td>Northland Chamber</td>
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<tr>
<td>Highway Committee</td>
<td>Downtown Council (Infrastructure Committee)</td>
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<td></td>
<td>Equity Network</td>
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<td></td>
<td>Supply Chain Management Professionals</td>
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## Upcoming engagement

**October**

<table>
<thead>
<tr>
<th>Internal Committees</th>
<th>Outside Groups</th>
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</thead>
<tbody>
<tr>
<td>Mobility Advisory Committee (MAC)</td>
<td>Conference of Minority Transportation Officials (COMTO)</td>
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<tr>
<td>Total Transportation Policy Committee (TTPC)</td>
<td>KCATA Board</td>
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<tr>
<td>MARC Board</td>
<td>Missouri Municipal League (West Gate Division)</td>
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<tr>
<td>Regional Workforce Intelligence Network (RWIN)</td>
<td>Truman Heartland Community Foundation Youth Focus Group</td>
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Upcoming engagement

November

<table>
<thead>
<tr>
<th>Internal Committees</th>
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<tbody>
<tr>
<td>Sustainable Places Policy Committee (SPPC)</td>
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<tr>
<td>Regional Transit Coordinating Council (RTCC)</td>
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<tr>
<td>Bicycle Pedestrian Advisory Committee (BPAC)</td>
</tr>
<tr>
<td>KCC Advisory Board/Commission on Aging</td>
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<tr>
<td>Transportation and Environment Advisory Group</td>
</tr>
<tr>
<td>Total Transportation Policy Committee (TTPC)</td>
</tr>
<tr>
<td>MARC Board</td>
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<tr>
<td>Highway Committee</td>
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</tbody>
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- Continue engagement regarding 2050 content, timeline and transportation needs.
- Provide information about scenario testing and how our model is responding.
- Are there any groups not listed that you think we should engage?
Next steps
Upcoming workgroup meetings

- Thursday, Jan. 17 at 10 a.m.
- Thursday, April 11 at 3 p.m.
- Monday, July 15 at 1:30 p.m.
- Monday, Oct. 7 at 1:30 p.m.