

Total Transportation Policy Committee meeting

November 18, 2025

Item #1

Welcome and introductions

Zoom attendees, please:

- **Sign into the chat box to register your attendance.**
 - **Use your full name for your screen name.**
 - **Mute your microphones unless speaking to the group.**
 - **Turn on your cameras when speaking to the group.**
 - **Type questions in the chat box.**
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Item #2

VOTE: October 21, 2025, Meeting Summary

Item #3

VOTE: 2026 Unified Planning Work Program

Presenter: Marc Hansen, MARC

Item #4

VOTE: Proposal for a New Missouri Programming Committee

Presenter: Ron Achelpohl, MARC

Missouri Programming Committee

[illegible]

* Membership recruitment for these seats will focus on specialized expertise such as active transportation, parks & recreation, environment & public health, freight, economic development, etc.

Missouri Programming Committee

- Dispute resolution process recommendations:
 - In the event that any 6 or more voting members submit a written appeal disputing a recommended programming scenario, TTPC cochairs will establish an ad hoc work group to evaluate and recommend a resolution
 - Programming recommendations returned for revision to the MPC by the work group's recommendations will require a majority vote by both:
 - Group A (KCMO, Independence, Lee's Summit, Blue Springs, KCATA, KC Streetcar, MoDOT and TAC), and
 - Group B (all other jurisdictions & voting members) before being submitted to TTPC.

Item #5

DISCUSS: Proposed Updates to MARC Transportation Committee
Bylaws for Technical Advisory Committee, KS Programming
Committee

Presenter: Martin Rivarola, MARC

MARC Transportation Committee New Bylaws and Recruitment Update

- Draft Committee Bylaws:
 - Technical Advisory Committee
 - Kansas Programming Committee
 - Missouri Programming Committee

New Committee Bylaws

- Draft Committee Bylaws:
 - Committee purpose
 - Structure, membership and meetings
 - Attendance and Quorum
 - Workgroups & subcommittees
 - Amendments to bylaws
 - Thresholds for Recommendations
 - Disputes (Missouri Programming Committee)
 - Mandatory review of bylaws by end of 2027

- Next steps:
 - Review and discussion – November 2025
 - Approval by TTPC – December 2025

MARC Transportation Committee New Bylaws and Recruitment Update

- Committee Recruitment:
 - Notices to agencies with direct appointments to various committees
 - Notices with Request for Nominations

- Timeline:
 - Recruitment start: Post November TTPC meeting
 - Open recruitment end: Mid-December 2025
 - TTPC Co-Chair Review & Approval: Mid-December/Mid January 2026
 - TTPC Update: January 2026

Item #6

REPORT: MARC Regional Travel Model Program Update

Presenters: Martin Rivarola, MARC
Cambridge Systematics



MARC Activity-Based Model

Overview and Status Update

presented to

MARC Total Transportation Policy Committee

presented by

*Cambridge Systematics, Inc.
Sean McAtee*

November 18, 2025

CAMBRIDGE SYSTEMATICS



Travel Model Basics

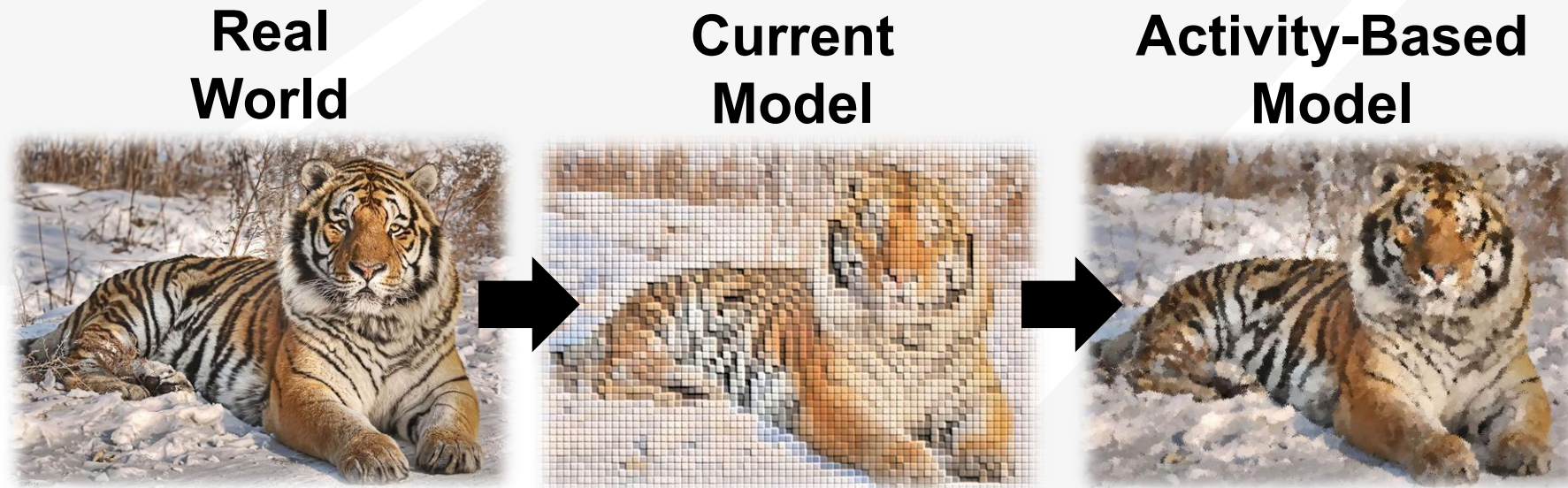
A Travel model is...

- A tool to **guide** transportation planning
- A way of **organizing your assumptions**
- A computerized representation of **regional travel**

The MARC model is used for...

- Long Range Transportation Plan (LRTP)
- Transportation Improvement Program (TIP)
- Congestion Management
- Multimodal Planning
- Corridor and subregional planning
- And more

Advantages of the Activity-Based Model



Advantages of the Activity-Based Model

More realistic trip scheduling

- Considers coordination of travel across the day
- Peak spreading in response to peak hour congestion
- Changing patterns for remote workers and those with flexible schedules

Improved multimodal and toll modeling

- Capture small but important travel segments
- Better special detail through MAZs

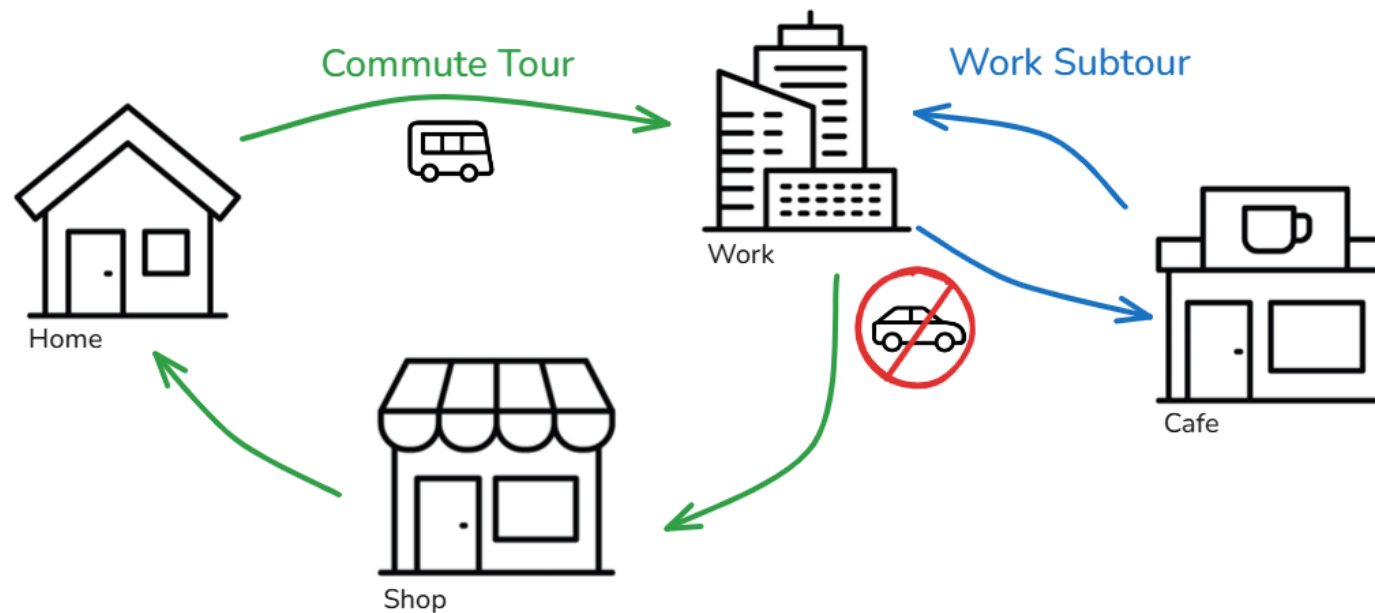
Richer output dataset

- Impacts on population segments
- Travel patterns and tours, beyond individual trips

PLUS: Everything Supported by the Current Model

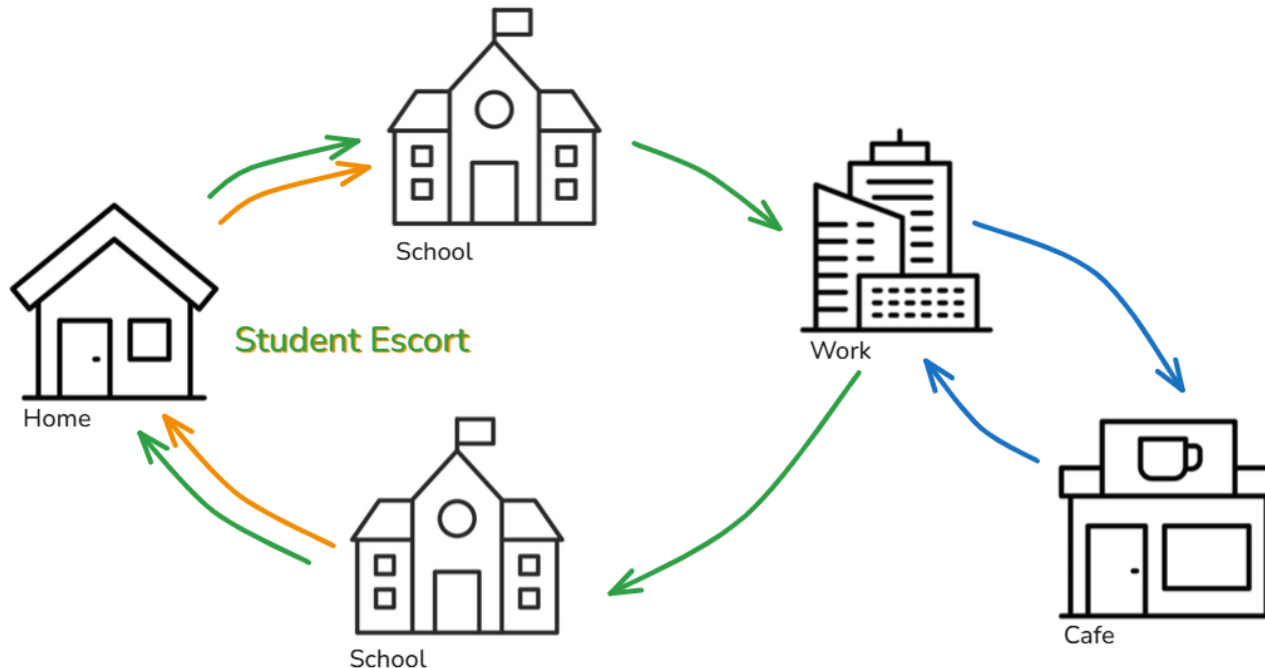
An Activity-Based Model...

- Is a **simulation of activities and travel** for everyone in the region
- Is **tour based** and accounts for trip and modes consistency



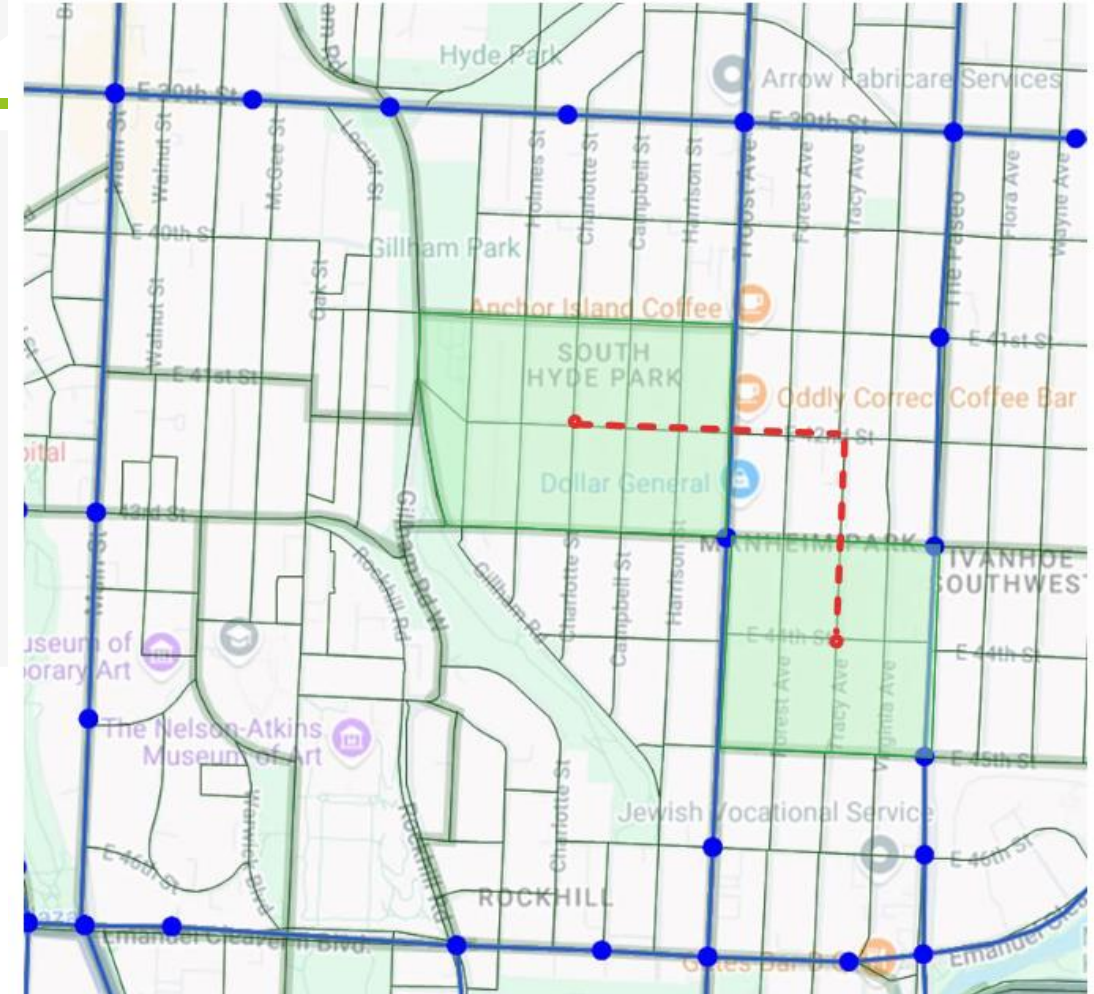
An Activity-Based Model...

- **Simulates** individual persons
 - » Considers more socio-demographic information
- Considers **intra-household interactions**



Added Spatial Detail

- **Microanalysis Zones (MAZs)** provide increased spatial detail
 - » Better representation of non-motorized travel and transit access
 - » Find walk and bike paths using an **all-streets network**



Software Package

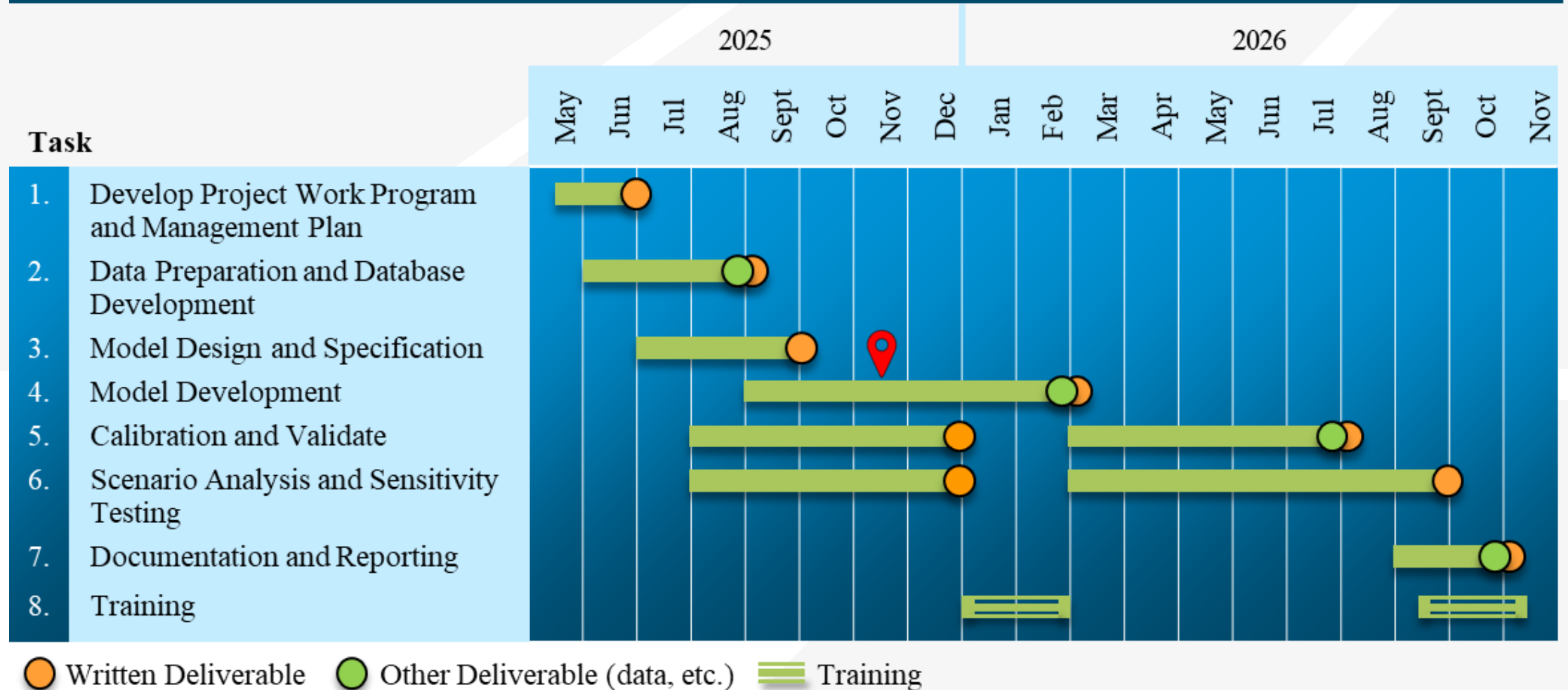


- Travel Modeling Software
- Roadway Networks, Transit Networks
- Traffic and network algorithms



- Open Source
- Maintained by the Zephyr Foundation
- Development Supported by ActivitySim Consortium Members
- Written in  pythonTM

Schedule and Work Plan



Thank You

Item #7

REPORT: Greater Kansas City Regional Bikeway Plan Update

Presenter: Patrick Trouba, MARC

Regional Bikeway Plan Update

Total Transportation Policy Committee
November 2025



Greater Kansas City Regional Bikeway Plan

- Conducted over 2014, adopted in early 2015.
- Envisioned a network of over 2,000 miles of on-street bikeways across the then-8-county MPO region.



Regional Bikeway Plan Update

Purpose:

*To develop a Regional Bikeway Plan that **supports** local **implementation**, **reduces** policy and infrastructure gaps and **barriers**, and **enhances** local bike **planning** efforts with recommendations, strategies, and tools for bike network planning and design.*



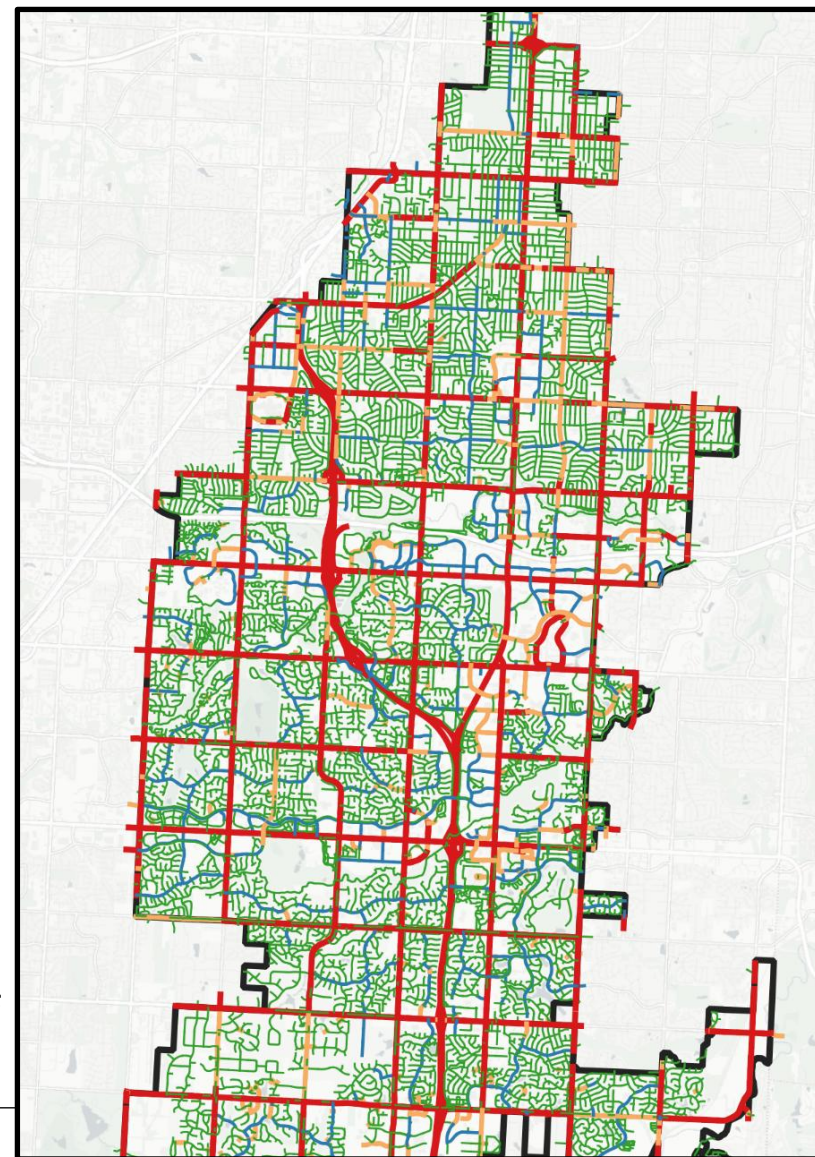
Hale Cook Elementary Bike Bus, Kansas City, MO

Regional Bikeway Plan Update

Work in 2025 so far

- Bicycle level of traffic stress (LTS) analysis
- Trip potential, connectivity, centrality analyses

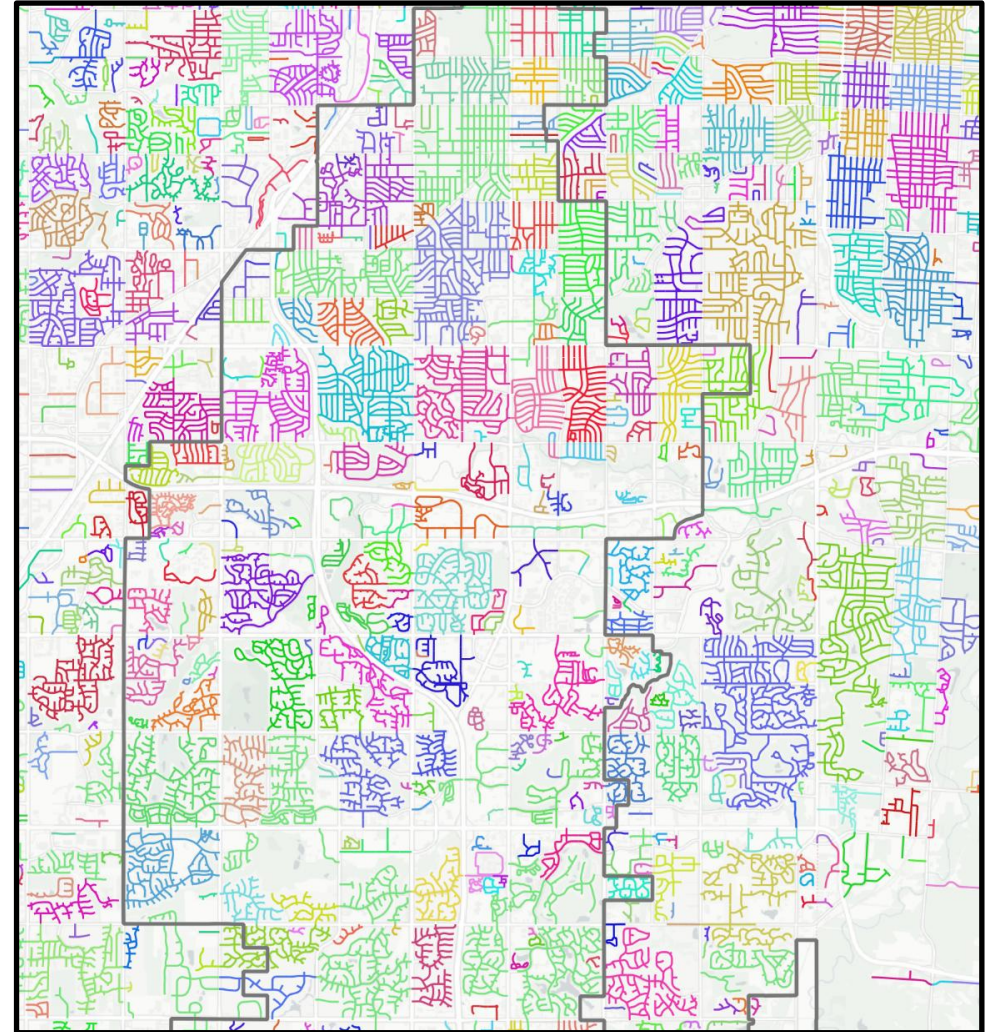
LTS analysis for a portion of
Overland Park



Regional Bikeway Plan Update

Work in 2025 so far

- Level of traffic stress (LTS) analysis
- Trip potential, connectivity, centrality analyses



Islands of low-stress connectivity centered on a portion of northern Overland Park and surrounding neighborhoods

Regional Bikeway Plan Update

Work in 2025 so far

- Stakeholder workshops
- Pop-up public engagement
- Conversational bike rides



Top: Public agency Stakeholder workshop at MARC

Right: Vireo at a public engagement pop-up (Dia de los Muertos)



Regional Bikeway Plan Update

Work in 2025 so far

- Stakeholder workshops
- Pop-up public engagement
- Conversational bike rides



Conversational bike ride in Kansas City, MO

Regional Bikeway Plan Update

Remaining work

- Regional Bikeway Network development
- Advisory group meetings
- Bike/ped data program recommendations
- Web data tools for regional use

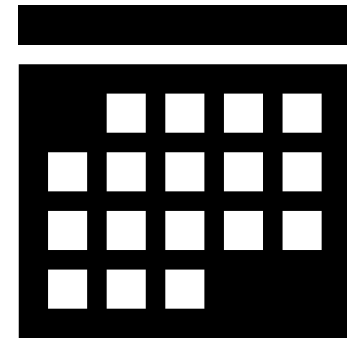


Conversational bike ride in Overland Park

Regional Bikeway Plan Update

Remaining timeline

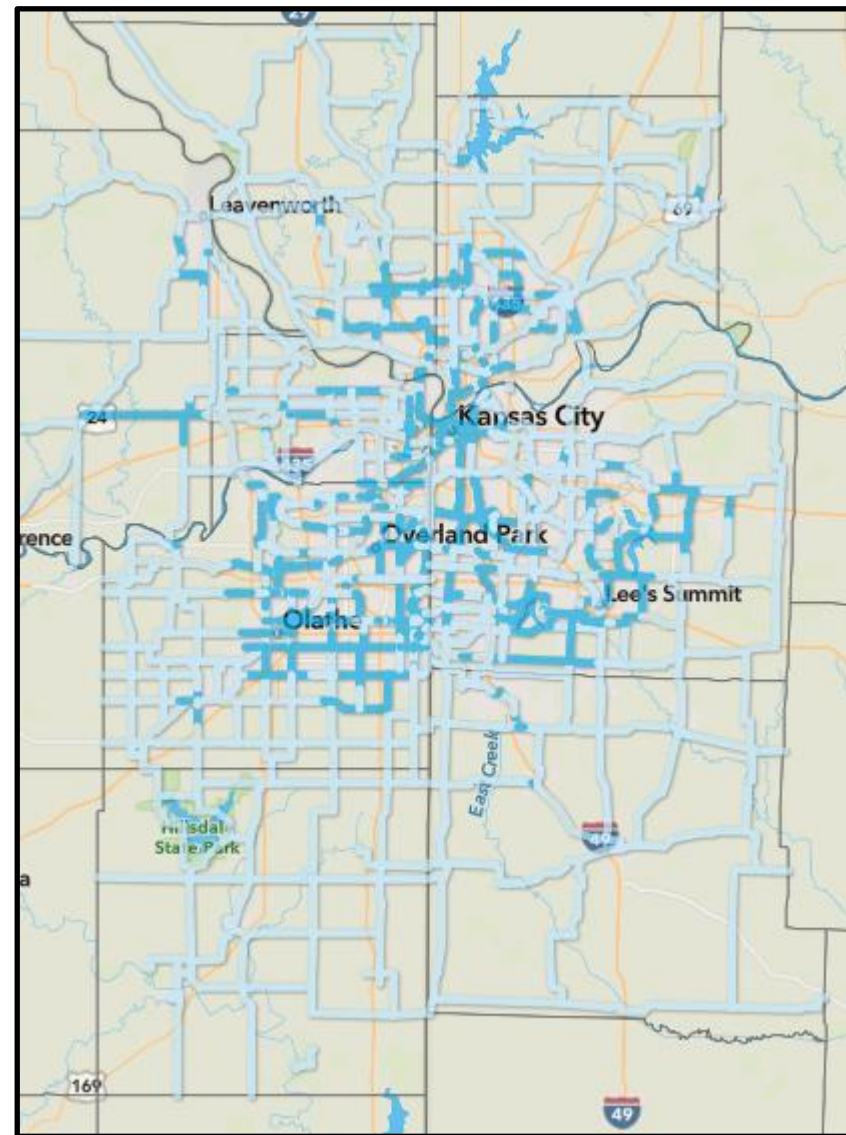
- November through December: Regional Bikeway Network development
- December through February/March: Final plan development and web map tools



Regional Bikeway Plan Update

Future implications

- The updated Regional Bikeway Network may incorporate facilities already implemented, and feed into plans yet to be developed
- Proposed additions to TAP application scoring would allocate large amounts of points to Regional Bikeway Network and MetroGreen network implementation



2015 planned Regional Bikeway Network

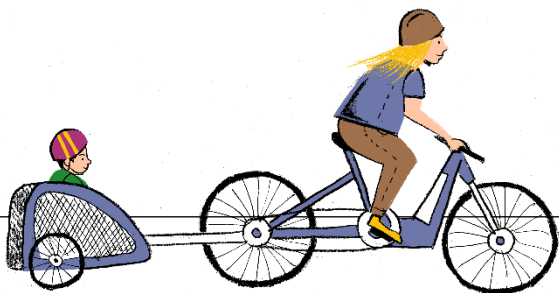
Regional Bikeway Plan Update

Questions?

Patrick Trouba,
Transportation Planner II
816-701-8248

First advisory group meeting:
November 20, 1:00 p.m.

Email **ptrouba@marc.org** for
invite



Item #8

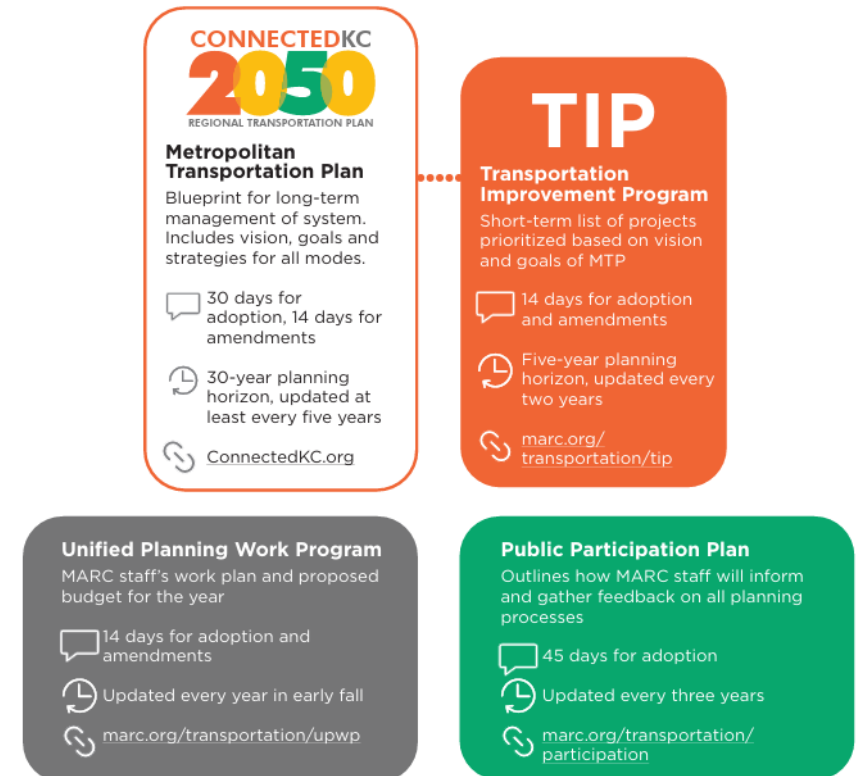
REPORT: Public Participation Plan Update

Presenter: Cy Splichal, MARC

Introduction to the Public Participation Plan

The plan provides a framework that guides public involvement in MARC's transportation planning projects.

It specifies goals, strategies and techniques that encourage successful participation, setting a consistent standard across projects, efforts, and parts of the MARC Region.



Federal Requirements for MPOs

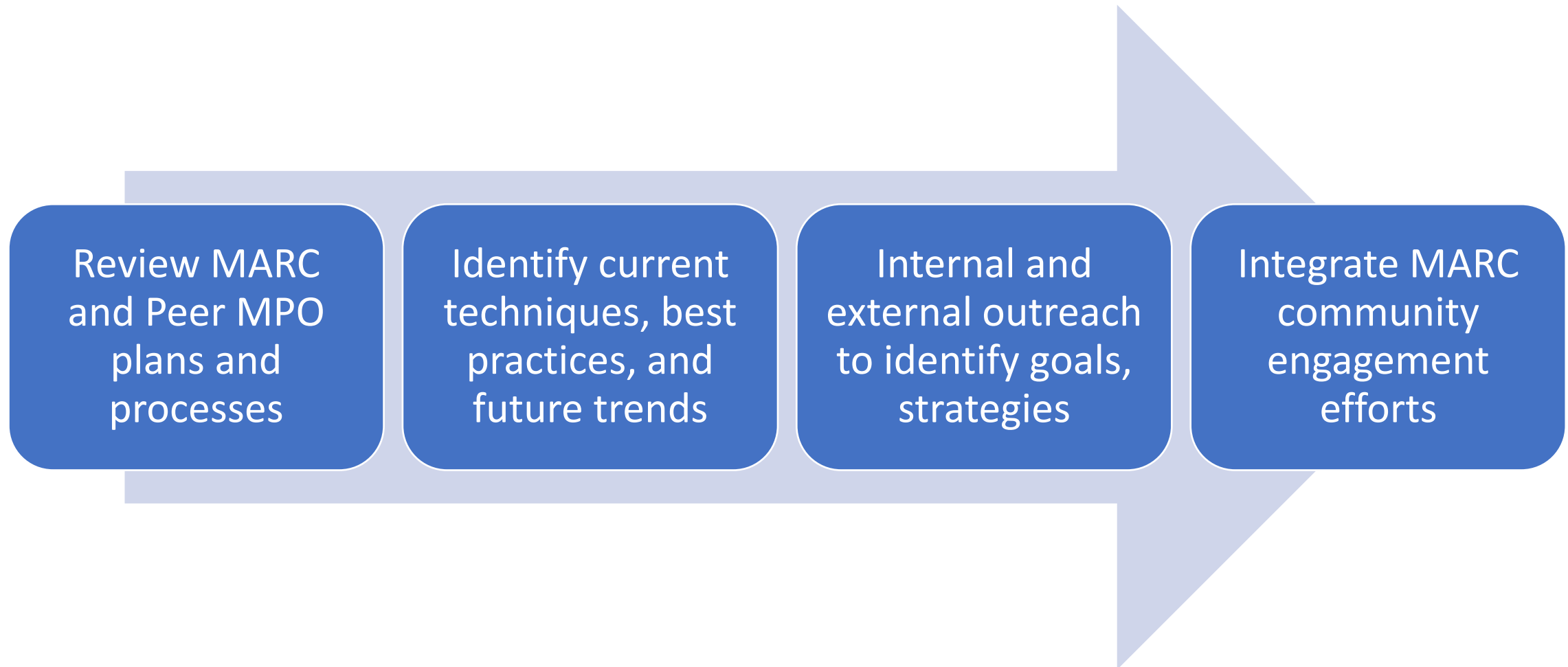
In accordance with 23 CFR 450.316, MPOs must create a Public Participation Plan that establishes requirements for engagement around core MPO products.



Under this requirement, MPOs must allow for:

- ✓ Adequate public notice of public participation activities;
- ✓ Review and comment at key decision points in the development of the MTP and TIP;
- ✓ Multiple, accessible participation formats, including electronic and in-person.

Scope of Work



What is Foundational to Community Engagement?

As part of a work effort funded by Health Forward Foundation, MARC is working to develop agency-wide guidance on community engagement, including:

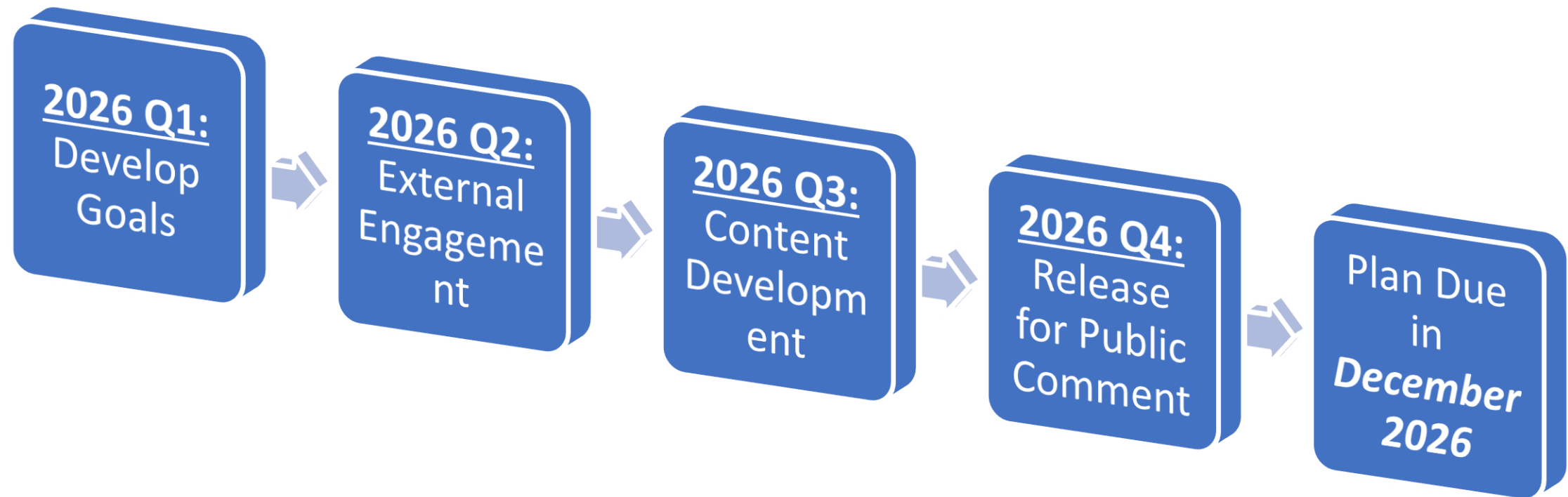
A toolkit for engagement techniques, training

Principles that center engagement efforts around community needs

Best practices to ensure positive relationship-building with external groups

These work products will be incorporated into the plan update process to ensure a comprehensive, consistent approach to engagement.

Timeline



Questions?

Thank you!

Cy Splichal

csplichal@marc.org

(816) 701-8231

Item #9

Other Business

Item #10

Adjournment

Next meeting: Tuesday, December 16, 2025
