

MTP 2050 Plan Advisory Committee (PAC) Meeting Notice

Tuesday, August 22, 2023, @ 1:30 pm

In-Person

271 W. 3rd St
Room 203
Wichita, KS 67202

Virtual

*After registering you will
receive an email with how to
access the Zoom Meeting.*

[**HERE**](#)

**Metropolitan
Transportation Plan
2050**




Tentative Meeting Agenda	Page #
I. Welcome and Introductions	
A. Roster	2
B. February 22, 2023, Meeting Summary	3 to 5
II. Public Engagement Round 1 Report	6
III. Revise Draft Vision, Goals, and Objectives Based on Round 1 Public Engagement	7 to 8
IV. Studies Progress (Status and MTP Connection)	
A. Comprehensive Safety Action Plan (CSAP)	9
B. Electric Vehicle (EV) Network Plan	10
C. Coordinated Public Transit-Human Services Transportation Plan (CPT-HSTP)	11
D. Travel Demand Model (TDM)	12
E. Economic Development Report	13 to 14
F. Upcoming Studies: Intelligent Transportation Systems (ITS), Regional Active Transportation Plan, Safe Routes to School	15 to 16
G. Project Cost Estimate Model	17
V. Open Discussion	
VI. Next Steps	
A. Alternative Scenarios	
B. Public Engagement Round 2	
C. Progress Graphic	18 to 19
VII. Next Meeting – November 2023	

Project website – <https://www.wampo.org/mtp2050>

WAMPO MTP 2050 Plan Advisory Committee

Name	Title	Agency	Interest	Email Address
Lynn Packer	Interim Director/County Engineer	Sedgwick County	Roads	lynn.packer@sedgwick.gov
James Wagner	Capital Improvement Engineer	City of Wichita	Roads	jwagner@wichita.gov
Will Black	Chief Administrative Officer (Haysville)	Sedgwick County Association of Cities	Roads	wblack@haysville-ks.com
Kim Neufeld	Executive Director	Bike Walk Wichita	Bike/Ped	kim@bikewalkwichita.org
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Allison Smith	Environmental Coordinator/MPO Liaison	KDOT	KDOT	
Cecelie Cochran	Community Planner	FHWA	FHWA	
Eva Steinman	Community Planner	FTA	FTA	

Developed by the TPB on 12/13/2022. Contact information updated on 8/14/2023



Meeting Summary

Planning Advisory Committee (PAC) Meeting Summary

Wednesday, February 22, 2023, @ 10:00 AM

Hybrid Meeting: *Online & 271 W. 3rd St, Ste. 203, Wichita, KS 67202*

Meeting Duration: *67 minutes*

Attendance		
Lynn Packer, <i>Chair</i> Troy Anderson, <i>Wichita</i> Will Black, <i>SCAC</i> Cecelie Cochran, <i>FHWA</i> Kim Edgington, <i>Maize</i> Mary Hunt, <i>Wichita-Sedgwick Co. Planning</i> Scott Knebel, <i>Derby</i>	Les Mangus, <i>Andover</i> Kristen McDaniel, <i>UCTC</i> Matt Messina, <i>KDOT</i> Kim Neufeld, <i>Bike Walk Wichita</i> Allison Smith, <i>KDOT</i> Eva Steinman, <i>FTA</i> Jessica Warren, <i>CTD #9</i> James Wagner, <i>Wichita</i>	<i>WAMPO Staff</i> Ashley Bryers Nick Flanders Alicia Hunter Chad Parasa Marcela Quintanilla Emily Thon

1. Welcome and Introductions

A. Roster

Ashley Bryers, WAMPO, welcomed the attendees to the first Metropolitan Transportation Plan (MTP) 2050 Planning Advisory Committee meeting. She asked everyone in the room and online to introduce themselves and state what agency they are with or who they represent.

2. What is the MTP?

A. Plan Purpose

Alicia Hunter, WAMPO, went over the purpose of MTP 2050. It is a blueprint that identifies the ways in which the region plans to invest in the transportation system.

B. Plan Timeline

Ms. Bryers explained WAMPO’s timeline (subject to change) for planning out the events and milestones of MTP 2050. She also announced that WAMPO is planning to hire a consultant soon to help with the planning process. The plan is set to be finished by June of 2025, including five (5) rounds of public engagement.

C. Plan Advisory Committee (PAC) Purpose

Ms. Bryers asked the PAC to help provide expertise to assist WAMPO staff in engaging stakeholders and the public and recommend decisions to the TAC and TPB. Currently, WAMPO is planning on having PAC meetings at least twice a year, subject to change. The PAC reports to the TPB. The chair of this committee will provide updates to the TPB and TAC. TAC members that are on the PAC could also speak at TAC meetings.

WAMPO provides meeting minutes that are not verbatim. TAC and TPB meetings are recorded and hosted on YouTube [@WAMPO Kansas](#). To request assistance accessing meeting recordings call – (316) 779-1313 or email – wampo@wampo.org.

D. Travel Demand Model (TDM) Purpose

Ms. Bryers expanded on the TDM and its purpose. It is a fundamental part of the MTP update and the model is being updated by JEO. The process started in the fall of 2022. The purpose of the model is to provide a picture of existing and future travel in the region and the demand it places on the road, sidewalk, bike path, and public transportation networks. The model also helps decision-makers understand how well future or proposed transportation projects will serve the needs of the region.

3. Select a chairperson

Ms. Bryers explained that the chairperson would represent the PAC at TPB/TAC meetings. Lynn Packer, Sedgwick County, was nominated as PAC Chair.

4. Review Background Material

A. Existing Conditions/Regional Trends

Ms. Hunter expanded on the Existing Conditions/Regional Trends report. The report discusses people (population, age groups, density, languages, race & ethnicity), housing (average size, occupied units, vacancy, median value), travel characteristics (mode, travel time, types of vehicles), the street system (functional classification, centerline miles), transit systems (routes and stops, ridership, veterans program, WSU program, Wichita Public Schools), and alternative transportation (bicycle riders and pedestrians, shared mobility).

Link to report: <http://bit.ly/3kj2Raq>

B. Regional Connections

Emily Thon, WAMPO, expanded that, in 2021, WAMPO invited eleven (11) WAMPO-region municipalities to present at TPB meetings about their regional connections. They were asked to speak on growth patterns, transportation improvement projects, and how those two things interact with other municipalities within the WAMPO region. WAMPO identified that there are many overarching trends toward increased regionalism in the area. These trends include growth in population, employment, housing, and transportation.

Link to report: <http://bit.ly/3IKPitJ>

5. Discussion

The combined feedback can be found here: <https://bit.ly/PACMeetingFeedback>

A. Draft Vision, Goals, and Objectives: Will share with the public via survey

Nick Flanders, WAMPO, opened the floor for a dot-and-note feedback exercise. This included the committee members providing their support and/or comments regarding the Goals, Mission, and Value statements that WAMPO drafted internally. A public survey seeking input on the draft vision, goals, and objectives will be issued in Spring 2023.

B. Needs to be identified from Existing Conditions/Regional Trends

Ms. Thon announced the next feedback activity, to identify needs regarding transportation and the transportation system, from the perspective of both personal experiences and the overall WAMPO region.

6. Next Steps

A. MTP 2050 Planning Assistance Consultant Selection Process

Ms. Bryers announced that WAMPO is in the process of hiring a consultant to assist with the update of the MTP. The MTP 2050 Planning Assistance RFP closed on February 6th. WAMPO is currently going through the evaluation and contracting process with plans to sign a contract in March. Once a consultant is hired, there may be additional PAC meetings.

B. Staff Updating MTP 2040 Data

Ms. Bryers informed the PAC that WAMPO staff are reviewing the data and text from the current MTP, *REIMAGINED MOVE 2040*, and are in process of updating them for MTP 2050.

C. Study Process – Comprehensive Safety Action Plan (CSAP), Travel Demand Model (TDM) Update, Economic Development Report

Ms. Bryers announced that WAMPO has several studies in progress, including a CSAP, TDM update, and Economic Development Report. Updates on these studies will be provided at future PAC meetings.

7. Meeting adjourned at 11:10 AM

The next regular meeting date and time are to be determined.



Executive Summary

The first round of public engagement for Metropolitan Transportation Plan 2050 (MTP 2050) ended on July 31, 2023, and included stakeholder meetings and a public survey. Data collected during this round of public engagement will help determine the vision, goals, and objectives of MTP 2050.

Background

The Metropolitan Transportation Plan (MTP) is a strategic, long-term document guiding future transportation projects in the WAMPO region. By federal mandate, Metropolitan Planning Organizations must involve the public throughout the planning process.

The public engagement process for MTP 2050 involves four stages: defining the MTP's vision, goals, and objectives; considering alternative scenarios and performance measures; reviewing potential projects for the MTP; and a 30-day public comment period before the final adoption of the plan.

For the first round of public engagement (defining the vision, goals, and objectives), to engage the public effectively, stakeholder meetings targeted specific groups, such as seniors, freight shippers, Hispanic/Latino and Black/African American communities, economic development stakeholders, and bicycle/pedestrian advocates. Additionally, a 19-question survey was available online (at <https://www.wampo.org/mtp2050>) and on paper forms (at pop-up public engagement events) from May 13 through July 31, 2023. The WAMPO team also participated in community events and used social media, press releases, and interviews with news outlets (e.g., radio stations) to encourage input from residents.

In the attachments hyperlinked below, the findings from the stakeholder meetings have been summarized, and the survey results are presented visually, using charts and/or heat maps for each survey question.

Preliminary Results

Survey responses were provided by 832 individuals, including both online responses and responses at in-person events.

Next Steps

- » A combined Call for Projects for MTP 2050 and the FFY2025-FFY2028 Transportation Improvement Program (TIP) will run from September 15, 2023, through January 5, 2024.
- » For the second round of public engagement for MTP 2050, another survey will be open from December 2023 through February 2024. This second round of public engagement will focus on alternate scenarios, preferences, and performance measures.

Attachments

- » **MTP 2050 Survey Data Analysis** - https://bit.ly/mtp2050_graphs
- » **MTP 2050 Listening Session Summaries** - https://bit.ly/Summaries_Compiled_Formatted

MTP 2050 Vision, Goals, Objectives Draft

VISION

To enhance connectivity in a way that supports equitable development of a safe, reliable, multimodal transportation network that enriches the quality of place within the WAMPO Region.

GOALS

- » Safe & Reliable
 - Support transportation improvements, technologies, and programs that increase safety for all system users and improve travel times and ease of travel throughout the region.
- » Equitable & Accessible
 - Improve access to all destinations in the WAMPO region by all modes of travel for all people.
- » Connected & Multimodal
 - Improve interconnectivity for all system users and all modes of travel.
- » Environmental & Financial Stewardship
 - Emphasize environmental protection & efficient use of funds.

OBJECTIVES

- » Safe & Reliable
 - Expand technology that improves the roadway experience (e.g., coordinated lights, digital message board signs)
 - Improve how quickly emergency crashes are cleared
 - Improve the predictability of travel times
 - Improving travel times by all modes
 - Maintain the bike & pedestrian infrastructure
 - Maintain the roadway/transportation system(s)
 - Reduce fatalities & serious injuries
- » Equitable & Accessible
 - Improve access to basic human needs & services (e.g., grocery stores, medical)
 - Improve ADA compliance (e.g., accessible ramps, blind detectable walkways)
 - Increase improvements in underserved and disadvantaged communities
 - Reduce negative impacts in underserved and disadvantaged communities

- » Connected & Multimodal
 - Support economic growth by enhancing commute access
 - Fill gaps to create a connected network for pedestrians and bike riders
 - Support initiatives that improve affordable transportation options
 - Reduce single-person vehicle trips
 - Make transit a more viable option
- » Environmental & Financial Stewardship
 - Utilize cost-benefit analysis when selecting projects
 - Reduce greenhouse gas emissions
 - Minimize air quality effects of the transportation system
 - Minimize water-related impacts of transportation infrastructure



Agenda Item 4A: Studies Progress (Status and MTP Connection)

Comprehensive Safety Action Plan (CSAP)

Ashley Bryers, Transportation Planning Manager

Executive Summary

WAMPO is developing a Comprehensive Safety Action Plan (CSAP), which will include a wealth of safety information for inclusion in the MTP, including a safety vision, goals, and targets, as well as various analyses of existing conditions and steps to implement the plan. Following a 30-day public comment period in August/September 2023, the CSAP will go to the TPB for approval.

MTP Connection

WAMPO is in the process of developing a Comprehensive Safety Action Plan (CSAP). It is on target to be completed in late summer/fall 2023.

The CSAP will contain a wealth of safety information for inclusion in the MTP, including a safety vision, goals, and targets. It will also feature an existing-conditions analysis of crash trends, a network screening for high-crash locations, system analysis, equity analysis, emphasis areas, a countermeasures toolbox, and an implementation plan and programs.

Status

The CSAP will be presented to the TPB for approval after a 30-day public comment period in August/September 2023.

The Safe Streets and Roads for All (SS4A) grant program Notice of Funding Opportunity (NOFO) for this year was published earlier than expected, with grant applications due on July 10th, 2023, prior to the expected adoption of the WAMPO CSAP, meaning the WAMPO region was not able to apply for any Implementation grants during this round of funding. Instead, WAMPO staff and consultants put together a Planning and Demonstration grant application in support of the development of the CSAP. We hope to hear if WAMPO was awarded funding in October 2023. WAMPO intends to then apply for an Implementation grant in 2024 or 2025.



Agenda Item 4B: Studies Progress (Status and MTP Connection)

Electric Vehicle (EV) Network Plan

Dora Gallo, Transportation Planner

Executive Summary

WAMPO is developing an Electric Vehicle Plan for the region. The plan-development process is currently in the public engagement phase, for which a public survey is in progress that will help WAMPO understand needs and identify potential goals and strategies for the plan. The survey is available at www.wampo.org/electric-vehicles through August 31, 2023.

MTP Connection

The Electric Vehicle Plan will support the Metropolitan Transportation Plan 2050 (MTP 2050) and the Charge Up Kansas National Electric Vehicle Infrastructure (NEVI) Plan by advancing the use of EVs to improve air quality and foster economic development. WAMPO has an opportunity to adapt to emerging technologies by closing EV-charging infrastructure gaps and removing barriers to EV adoption.

The Electric Vehicle Plan will support the draft goals of Metropolitan Transportation Plan 2050 (MTP 2050) by helping to reduce emissions and pollution, guiding the establishment of a network of charging stations along major highways and in urban centers, and facilitating collaboration with sector stakeholders to accelerate the adoption and deployment of EVs.

Status

The plan-development process is currently in the public engagement phase, determining what needs and concerns of the public the plan will need to address. As part of that, WAMPO has launched a public survey. The survey responses will help WAMPO understand needs and identify potential goals and strategies for the plan. The survey is available in English, Spanish, and Vietnamese at www.wampo.org/electric-vehicles. It will close on August 31, 2023. View the EV Survey Flyer at <https://bit.ly/EV-Plan-Survey-Flyers>.

Next Steps

- » Continue to market the survey and gather responses.
- » Analyze the survey results to identify needs and potential goals for the plan.
- » Present findings to the Electric Vehicle Plan Steering Committee at their September 2023 meeting.
- » Complete the Electric Vehicle Plan by early 2024.



Agenda Item 4C: Studies Progress (Status and MTP Connection) **Coordinated Public Transit - Human Services Transportation Plan Survey**

Marcela Quintanilla, GIS & Transportation Data Analyst

Executive Summary

WAMPO is currently in the process of updating its Coordinated Public Transit - Human Services Transportation Plan. As part of the plan development, WAMPO launched a public survey available from June 16, 2023, to July 31, 2023. WAMPO is currently analyzing the survey results and will present them to the UCTC on August 17, 2023.

MTP Connection

Appendix 6 of the current MTP includes a section for the Section 5310 Program, and the CPT-HSTP plan includes the Section 5310 scoring criteria that will be utilized to make recommendations for 5310 funding. The same appendix also encompasses collected data on transit providers gathered for the regional Inventory of Transit Providers. Furthermore, the plan incorporates demographic information concerning older adults, individuals with disabilities, and households with limited income that will also be addressed in the MTP.

Status

WAMPO is currently in the process of updating its Coordinated Public Transit - Human Services Transportation Plan. This plan focuses on the transportation needs of older adults, people with disabilities, and low-income households.

As part of the plan development, WAMPO launched a public survey available from June 16, 2023, to July 31, 2023. The survey was available in English, Spanish, and Vietnamese as paper and online copies. There was a total of 262 survey submissions, out of which 196 were hard paper copies and 67 online submissions.

Approximately 80-95 total staff hours were dedicated to promoting the public survey. WAMPO is currently analyzing the survey results and will present them to the UCTC on August 17, 2023.

Next Steps

- » Continue analyzing the survey results to identify needs and potential goals for the plan.
- » Discuss the 5310 scoring rubric and potential changes.
- » Present findings to the United Community Transit Coalition (UCTC) at their August 17, 2023, meeting,
- » Present draft plan to TAC and TPB



Agenda Item 4D: Studies Progress (Status and MTP Connection)

Travel Demand Model (TDM)

Nick Flanders, Senior Transportation Planner

Executive Summary

In September 2022, WAMPO hired JEO Consulting, with subcontractor Caliper Corporation, to update the regional Travel Demand Model (TDM), which forecasts travel demand and the future performance of the transportation network for the MTP planning process. The TDM-update process will conclude in April 2024.

MTP Connection

WAMPO maintains a Travel Demand Model (TDM) for the Wichita metropolitan area. WAMPO’s primary uses of the model are to forecast travel demand and to evaluate the future performance of the region’s transportation network as part of the metropolitan transportation planning process for MTP 2050 and beyond, as well as to ensure compliance with the Federal Highway Administration (FHWA) regulations. Local governments and KDOT also use the model to evaluate travel patterns and impacts on the regional transportation system (e.g., highways, other major roads, and transit services) from proposed transportation and land-development projects. WAMPO outsources all its model work, including large-scale updates, support services, and other associated tasks.

Status

On September 13, 2022, the TPB signed a contract with JEO Consulting Group, Inc. to update the WAMPO Travel Demand Model (TDM) with subcontractor Caliper Corporation. The project will conclude in April 2024.

Additional information may be found online at <https://www.wampo.org/tdm>.

Project Team

A TDM Update Steering Committee was formed to help guide the update process. Its members are shown in the table below.

Name	Agency	Title	Email 1	Email 2
Alex Lane	City of Derby	City Engineer	AlexLane@DerbyWeb.com	
Chad Parasa	WAMPO	Executive Director	Chad.Parasa@wampo.org	
David Cronister	KDOT	Traffic Forecasts - TDM/Highway Capacity	David.Cronister@ks.gov	
Lee Carmichael/Mike Armour	City of Wichita	Assistant Traffic Engineer/Traffic Engineer	LCarmichael@wichita.gov	MArmour@wichita.gov
Mark Borst	Sedgwick County	Traffic Engineer	Mark.Borst@sedgwick.gov	
Tia Raamot	City of Wichita	Transportation Planner	TRaamot@wichita.gov	

Updated 9.23.22

The WAMPO staff working on this project include Chad Parasa, Ashley Bryers, Nick Flanders, Peter Mohr, and Marcela Quintanilla. Mike Malone, from JEO Consulting Group, Inc., and Paul Ricotta, from Caliper, are leading the planning process.



Agenda Item 4E: Studies Progress (Status and MTP Connection)

Economic Development Report

Peter Mohr, Principal Engineer

Nick Flanders, Senior Transportation Planner

Executive Summary

WAMPO has partnered with JEO Consulting Group and the Center for Economic Development and Business Research (CEDBR) at Wichita State University to develop an Economic Development Report that will be incorporated into the Metropolitan Transportation Plan 2050 (MTP 2050). The Economic Development Report will provide critical insights on drivers of future transportation needs in the WAMPO region. A draft report is to be completed in August 2023. WAMPO has received various draft component reports that will be incorporated into the overall Economic Development Report. Other such draft reports, including population forecasts and a cost/benefit model for transportation projects, are expected in August 2023.

MTP Connection

The Economic Development Report will contain current and forecasted future demographic and economic data on the WAMPO region. Since economics and demographics drive the demands placed on the transportation system, this report's inclusion as an appendix in Metropolitan Transportation Plan 2050 (MTP 2050) will provide important insights for future transportation planning.

Status

To develop the Economic Development Report, WAMPO hired JEO Consulting Group (JEO), with the Center for Economic Development and Business Research (CEDBR) at Wichita State University as a subcontractor. These consultants have generated multiple draft reports for the 4 broad sections that will make up the final report, with some of the reports received to date applying to more than one section:

- » Demographic & Socioeconomic Forecasts
- » Regional Economic Indicators
- » Strengths, Weaknesses, Opportunities, and Threats
- » Cost/Benefit Analysis Model for Transportation Projects

According to the original project timeline, all draft reports that are to be incorporated into the Economic Development Report are to be delivered to WAMPO in August 2023.

Demographic & Socioeconomic Forecasts

- » Individual demographic and socioeconomic reports for each of the 22 municipalities in the WAMPO region
- » Demographic and socioeconomic report covering the WAMPO region as a whole
- » WAMPO Region Housing Report
- » Report on employment forecasts (still under review by WAMPO staff)
- » Report on population forecasts (expected during August 2023)



Agenda Item 4E: Studies Progress (Status and MTP Connection)

Economic Development Report

Peter Mohr, Principal Engineer

Nick Flanders, Senior Transportation Planner

Regional Economic Indicators

- » Government Vitality Index
- » Household Index
- » Business Dynamism Index

Strengths, Weaknesses, Opportunities, and Threats

- » Key Employers in the WAMPO Area (reports on seven key employment sectors in the region, trends in those sectors, and their strengths, weaknesses, opportunities, and threats)

Cost/Benefit Analysis Model for Transportation Projects

- » Expected during August 2023

Next Steps

- » Coordinate with JEO and CEDBR on receipt of draft reports by the end of August 2023
- » Complete collaborative edits and revisions for the final Economic Development Report by the end of November 2023

Attachments

- » **Key Employers in the WAMPO Area** - https://bit.ly/Economic_Development_Reportby_Sector
- » **WAMPO Socioeconomics and Demographics** - <https://bit.ly/SocioeconomicDemographicReports>
- » **WAMPO Region Housing Report** - <https://bit.ly/WAMPOHousing>
- » **WAMPO Region Labor Mobility Report** - <https://bit.ly/WAMPOLaborMobility>
- » **Business Dynamism Index** - <https://bit.ly/BusinessDynamism>
- » **Government Vitality Index** - <https://bit.ly/GovernmentVitality>
- » **Household Index** - <https://bit.ly/HouseholdIndex>



Agenda Item 4F: Studies Progress (Status and MTP Connection)
Upcoming Studies: Intelligent Transportation Systems (ITS), Regional Active Transportation Plan, Safe Routes to School
Peter Mohr, Principal Engineer
Nick Flanders, Senior Transportation Planner

Executive Summary

Pending the completion of the City of Wichita’s Bicycle Master Plan, WAMPO will use a consultant to develop a Regional Active Transportation Plan, which will be incorporated into MTP 2050 as an appendix. WAMPO is in the early stages of facilitating Safe Routes to School (SRTS) planning efforts in the region, making more projects to allow children to safely walk/roll/bicycle to school eligible for Federal funding and serving the safety and multimodality goals of MTP 2050.

Intelligent Transportation Systems (ITS)

MTP Connection

The Intelligent Transportation Systems Regional Architecture Plan will be incorporated into the MTP 2050 as part of Chapter 4: System Management. The deployment of ITS elements, such as real-time traffic information systems, adaptive signal control, and incident management, contributes to achieving the long-term vision and objectives set by the MTP 2050 for the region's transportation system.

Status

Staff is currently engaged in evaluating the existing status of the ITS plan and initiating communication with stakeholders in the region.

Regional Active Transportation Plan

MTP Connection

The Regional Active Transportation Plan will be incorporated into MTP 2050 as an appendix. “Active transportation” includes walking, bicycling, and any other nonmotorized forms of personal transportation (i.e., everything except for automobiles and public transit). By planning how to improve transportation by these modes, the Regional Active Transportation Plan will serve the draft MTP 2050 goal to “improve access to all destinations in the WAMPO region by all modes of travel for all people.”

Status

A consulting firm will be hired to complete this plan. Currently, the City of Wichita is updating its Bicycle Master Plan, which WAMPO’s Regional Active Transportation Plan will be coordinated with. For that reason, the WAMPO plan has not yet been started.

Safe Routes to School (SRTS)

Status

The Federal government makes funding available to local governments and school districts to make it safer for children to walk, roll, or bicycle to and from school. This is done through the so-called “6 Es” of Safe Routes



Agenda Item 4F: Studies Progress (Status and MTP Connection)
Upcoming Studies: Intelligent Transportation Systems (ITS), Regional Active Transportation Plan, Safe Routes to School

Peter Mohr, Principal Engineer

Nick Flanders, Senior Transportation Planner

to School (SRTS): Engagement, Equity, Engineering, Encouragement, Education, and Evaluation, which encompass both infrastructure improvements and behavior-focused initiatives. For SRTS activities to qualify for Federal funding, they must be part of the implementation of an SRTS plan, with cooperation between local governments and school districts. For that reason, WAMPO has secured \$200,000 of Transportation Alternatives (TA) funding in FFY2024 for SRTS planning in the region. Although the exact outlines of this planning effort are still under discussion, the intent is to help interested local governments and school districts establish SRTS plans and thereby qualify for Federal funding for activities described in those plans. As part of this effort, WAMPO is considering an update to the Regional Safe Routes to School Plan, which was last updated in 2008 by WAMPO and the Safe Kids Wichita Area Coalition.

MTP Connection

Safety and multimodality, which SRTS programs expressly seek to promote, are significant elements of the draft goals for MTP 2050, of the Federal Planning Factors that all MTPs are required to address, and of WAMPO's adopted transportation-project-scoring criteria.



Agenda Item 4G: Studies Progress (Status and MTP Connection)

Project Cost Estimate Model

Nick Flanders, Senior Transportation Planner

Executive Summary

WAMPO has hired Professional Engineering Consultants (PEC) to prepare a Microsoft-Excel-based Project Cost Estimate Model that will assist local jurisdictions to predict the costs of transportation projects that they propose to be prioritized for Federal funding in MTP 2050, according to a consistent set of known assumptions. PEC will provide a draft model to WAMPO staff by September 1, 2023, and the final model is expected to be ready for distribution with the opening of the combined MTP/TIP Call for Changes on September 15, 2023.

MTP Connection

MTP 2050 will include a list of transportation projects that will be prioritized for Federal funding over the life of the plan. Under Federal law, that list must be fiscally constrained, meaning that the combined costs of the projects cannot be greater than the amount of local, State, and Federal funding expected to be available for all transportation projects between now and 2050. Furthermore, when WAMPO considers to which projects to award Suballocated Federal funding (Surface Transportation Block Grant (STBG), Congestion Mitigation and Air Quality (CMAQ), Transportation Alternatives (TA), or Carbon Reduction Program (CRP)), the amounts awarded to projects must not exceed the Suballocated funding from qualifying programs expected to be available during that Federal Fiscal Year (FFY).

For the above reasons, it is important that projects listed in the Metropolitan Transportation Plan have cost estimates associated with them and that those cost estimates be as accurate as possible. However, because it is difficult to accurately predict the cost of a project years in advance, it is advantageous for project-cost estimates to be based on a common set of known assumptions (e.g., rate of price inflation, cost per lane-mile of roadway, cost per mile of multiuse path). That way, when an assumption proves inaccurate, it is easier to determine how the cost estimate of each project ought to be updated.

Since initial project cost estimates are prepared by their respective sponsors (usually city, county, or state governments), WAMPO intends to provide those sponsors with a Project Cost Estimate Model with a standardized and transparent set of assumptions. This will have the additional benefit of making it easier for smaller jurisdictions, often without dedicated engineering staff, to estimate the costs of projects they wish to pursue.

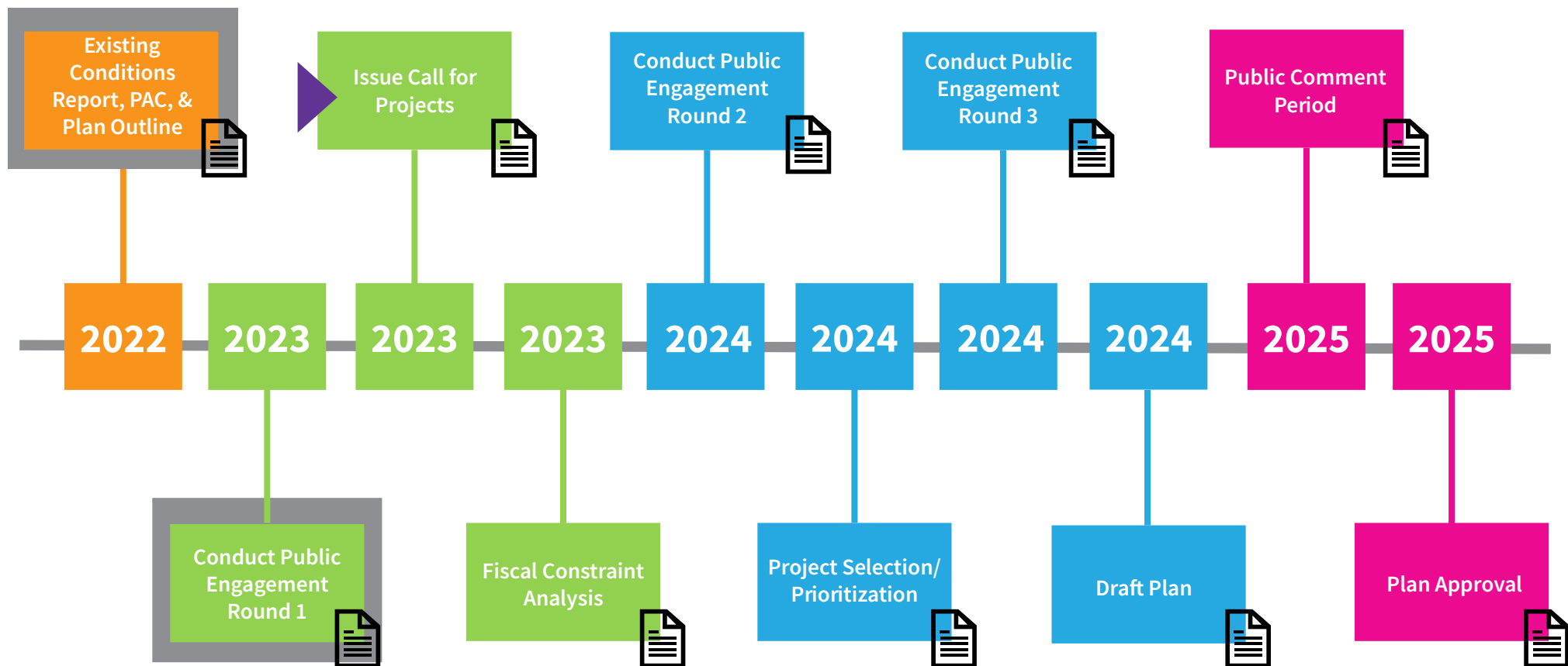
Status

WAMPO has hired Professional Engineering Consultants (PEC) to assist with various aspects of developing MTP 2050, including the creation of the Project Cost Estimate Model in Microsoft Excel. PEC will provide a draft to WAMPO staff by September 1, 2023, and the final Project Cost Estimate Model is expected to be ready in time for the opening of the combined MTP/TIP Call for Projects on September 15, 2023.

Metropolitan Transportation Plan

2050

Progress



Completed In-Progress Deliverable July 31, 2023

