KIPDA

2050 MTP & FY23-26 TIP Development
2022 MPO Dedicated Funding Call for Projects
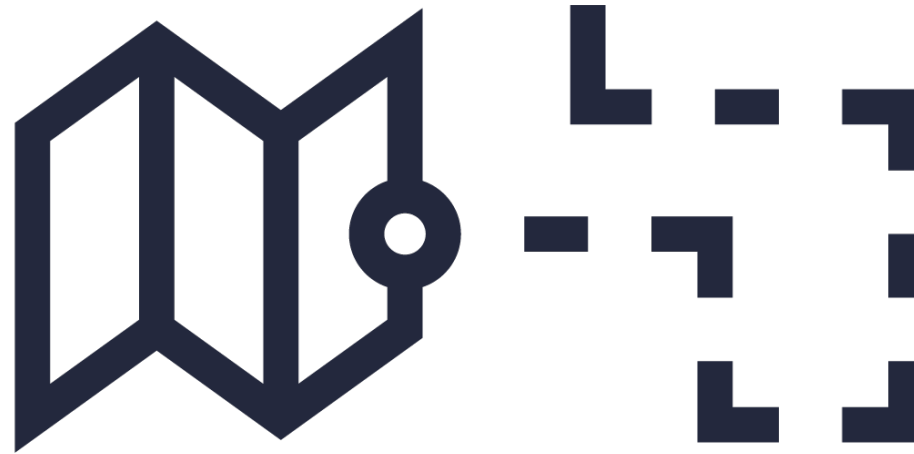2022 KYTC CMAQ Application Cycle

Workshop

Elizabeth Farc & Nick Vail

Connecting Kentuckiana (CK) 2050 Metropolitan Transportation Plan (MTP) & Fiscal Year (FY) 2023 – 2026 Transportation Improvement Program (TIP)

- ❏ Background

- ❏ Project Development

- ❏ Project Evaluation Criteria
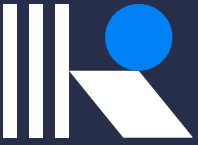
- ❏ Timeline

- ❏ Process

- ❏ Project Application

Background

❑ Core planning activities per 23 CFR Part 450C

❑ MPOs must develop a new MTP and TIP every four years

❑ MTP
    ❑ 20-year planning horizon – new plan goes to 2050
    ❑ Slate of planned projects directed by goals and objectives
    ❑ Socioeconomic and travel model forecasting
    ❑ Air quality conformity

❑ TIP
    ❑ All federally funded projects and regionally significant state funded projects
    ❑ Fiscally constrained

Project Development

❑ What projects should be submitted?

    ❑ Secured federal funding between FY23 – 26

    ❑ Regionally significant state funded projects

    ❑ Included in sponsors existing short- and long-range plans

    ❑ Projects seeking discretionary grants such as USDOT RAISE & MPO dedicated

❑ Project details

    ❑ Basics: name, description, cost, estimated open to public (OTP) date, etc.

        ❑ Sufficient scope to allow for appropriate air quality analysis

    ❑ Evaluation criteria: certain questions to assist staff with project evaluations

    ❑ TIP Funding: ONLY if the sponsor secured federal/state funding between FY23-26

Project Evaluation Criteria

❑ Anticipated TPC approval on July 28, 2022

❑ Provides systematic approach to ranking projects

❑ Relies on best available data & emphasis on goals, objectives and performance measures

❑ Two parts (100 points each for total of 200)
  ❑ Common criteria: economic development, future economic development, environmental impact, environmental justice, local priority, planning study

  ❑ Modal criteria (bike/ped, roadway and transit)
    ❑ Mobility & Access
    ❑ Safety
    ❑ Resiliency & Sustainability

Timeline

What	When
Sponsors submit project application	August 8 – October 31, 2022
Staff review and evaluation	August 22 – November 14, 2022
Performance impacts and analysis	October 31, 2022 – January 23, 2023
Air quality conformity analysis	December 26, 2022 – January 23, 2023
Public outreach	February 27 – March 29, 2023
TTCC recommendation and TPC approval	April 12 and April 27, 2023
Federal review	April 28 – June 23, 2023

Process

- ❑ Existing Projects
  - ❑ Staff sends Excel file to sponsors with existing project info
    - ❑ Review info and update OTP date, project cost, TIP funding and/or remove project
    - ❑ Submit new Project Application form if any other details such as scope are changing

- ❑ New Projects
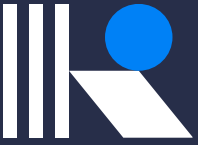 - ❑ Submit a new project application

Project Application

❑ New project application form using ArcGIS' Survey123 software

    ❑ Reduced administrative burden

    ❑ Streamlined with far fewer questions

    ❑ Less technical (e.g. no need to adjust mapping buffers)

    ❑ Aligned w/ updated project evaluation criteria

    ❑ Integrates with ArcGIS allowing for semi-automated evaluation

    ❑ Questions about USDOT emphasis areas such as resiliency (e.g. green infrastructure

2022 MPO Dedicated Funding Call for Projects

- ❑ Overview

- ❑ Programs and estimated available funding

- ❑ Project eligibility

- ❑ USDOT priorities

- ❑ Complete Streets Policy (anticipated TPC approval in August 2022)

- ❑ Process and schedule

- ❑ MPO Dedicated Funding Application

Overview

❑ MPO dedicated funds suballocated from INDOT and KYTC

❑ TPC has authority to award these funds

❑ Official guidance document released no later than August 8th

❑ Workshops recorded for future use

❑ Additional one-on-one technical assistance may be provided

❑ Applications and guidance will be located on KIPDA's Transportation Planning Portal

Programs and Estimated Available Funding

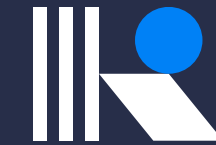| Funding Program	Indiana	Kentucky
Carbon Reduction Program (CRP)	$2,000,000	$16,000,000
Congestion Mitigation and Air Quality (CMAQ)	$6,000,000	N/A
Highway Safety Improvement Program (HSIP)	$3,000,000	N/A
Surface Transportation Block Grant (STBG)	$9,000,000	$39,000,000
Transportation Alternatives (TA)	$2,000,000	$9,000,000
Total	$22,000,000	$64,000,000

Project Eligibility

- ❑ CRP
  - ❑ Reduce single occupancy vehicle use (bicycle, pedestrian & transit)
  - ❑ CMAQ and TA eligible projects
  - ❑ Other projects if reduction in emission demonstrated

- ❑ CMAQ (additional air quality analysis required – CMAQ emissions calculator toolkit)
  - ❑ Reduce single occupancy vehicle use
  - ❑ Enhance vehicle fleet electrification or use of alternative fuels
  - ❑ Deploy innovative or energy efficient infrastructure
  - ❑ Shared micromobility (e.g. e-bike infrastructure)

- ❑ TA
  - ❑ Bicycle and pedestrian focused with some transit improvements

Project Eligibility (continued)

❑ **HSIP** (unique 90/10 funding split)
 ❑ Consistent w/ **INDOT** or **KYTC**'s strategic highway safety plan (SHSP)
 ❑ Identified based on crash experience, crash potential, crash rate, etc.
 ❑ FHWA proven safety countermeasures automatically eligible
 ❑ INDOT eligible systemic improvements
 ❑ Other projects may be eligible but must complete a benefit cost analysis (not recommended)

❑ **STBG**
 ❑ Bridge and tunnel projects
 ❑ Bicycle and pedestrian focused projects
 ❑ Any roadway project other than those located on a road functionally classified as a local road or rural minor collector unless it was on the Federal-aid highway system on January 1, 1991
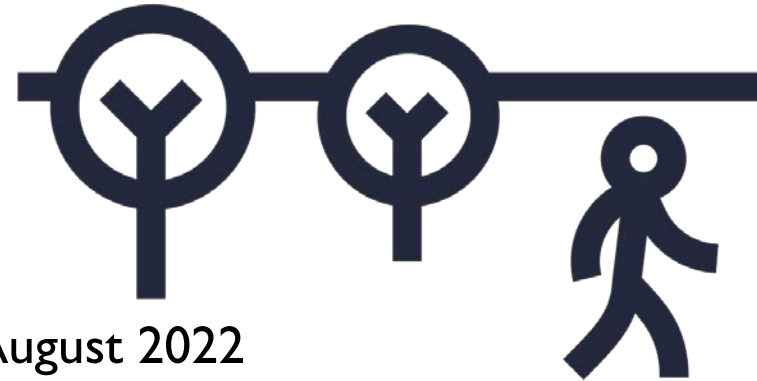
USDOT Priorities

- ❑ ADA

- ❑ Climate change and sustainability

- ❑ Complete streets

- ❑ Equity

- ❑ Labor and Workforce

- ❑ Safety

- ❑ Transferability between programs

- ❑ Transit Flex

- ❑ Truck Parking

Complete Streets Policy (CSP)

❑ KIPDA finalized draft CSP

❑ TTCC Working Group recently received the final draft

❑ Staff will present the CSP to committees for action in August 2022

❑ CSP applies to all projects seeking MPO dedicated funding

❑ To comply sponsors must indicate how a project will accommodate bike, pedestrian **and/or** transit modes

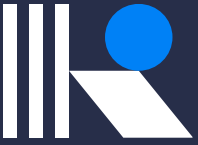❑ Context sensitive design

Complete Streets Policy (continued)

❑ Exemption required for projects that cannot accommodate any of the three modes

❑ Seven exemptions
  ❑ Prohibited by law
  ❑ Maintenance and other projects such as guardrail installation
  ❑ Installation of traffic control devices
  ❑ Where an existing facility already accommodates user groups
  ❑ Excessively disproportionate cost relative to use or need
  ❑ Lack of population or other factors that indicate absence of need both current/future
  ❑ Alternative facilities already exist

❑ TTCC Working Group determines whether exemption justification complies
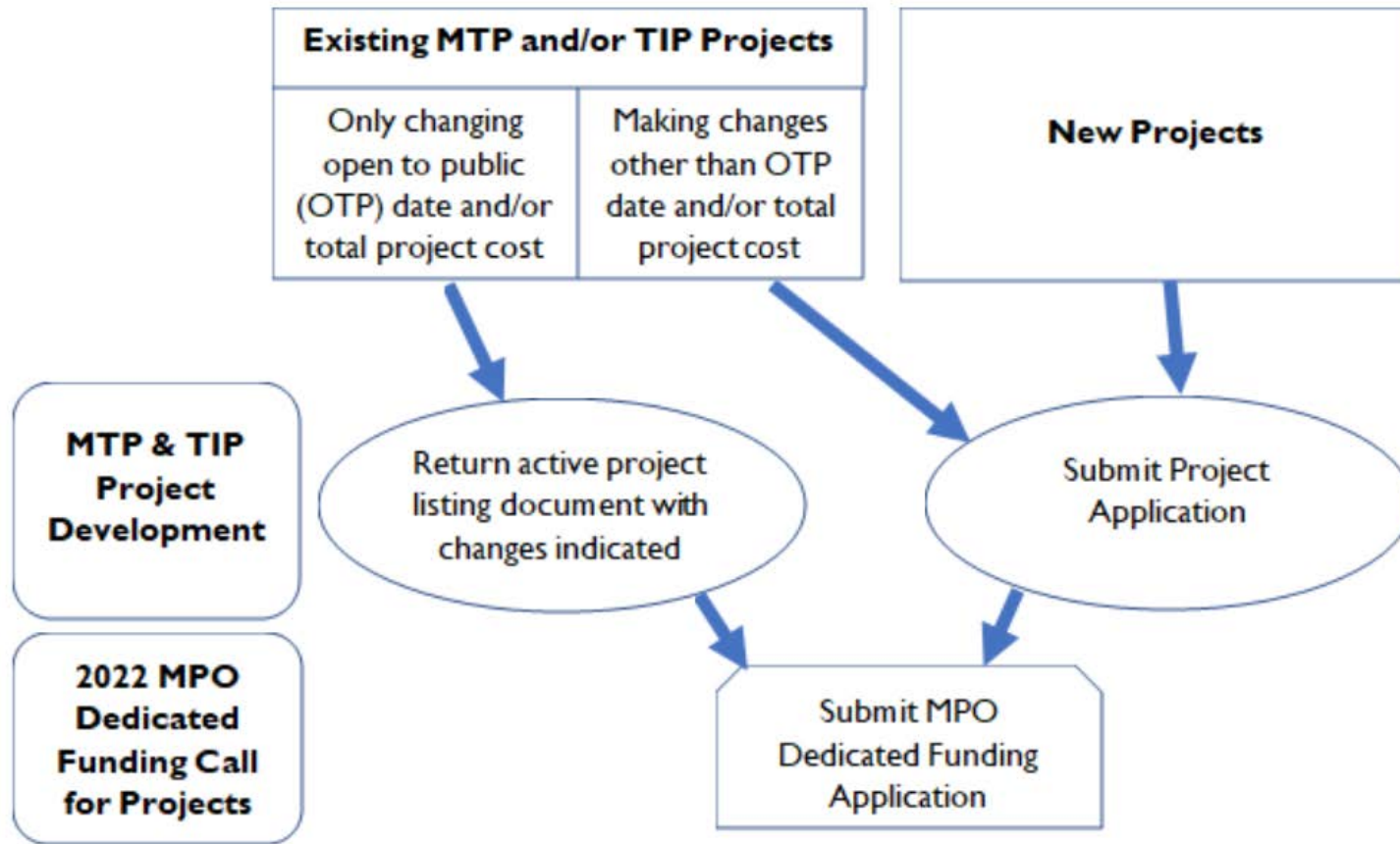
❑ TPC must approve

Process and Schedule

- ❑ 1. Submit Project Application between August 8 – October 31
    - ❑ New projects must submit a new Project Application
    - ❑ Existing projects
        - ❑ No Project Application needed for changes to OTP, project cost or TIP funding
        - ❑ New Project Application required if other changes are needed

- ❑ 2. Submit MPO Dedicated Funding Application between August 8 – October 31

- ❑ 3. Staff reviews applications from November to December 2022

- ❑ 4. TTCC Working Group develop funding recommendations in January 2023

- ❑ 5. Staff presents funding recommendations to committees for action in February 2023

- ❑ 6. Staff issues funding award letters in March 2023

Process and Schedule (continued)

KYTC's 2022 CMAQ Application Cycle

- ❑ KYTC's Office of Local Programs (OLP) will formally announce soon

- ❑ No estimated amount available, but KYTC receives $14M annually

- ❑ Application window: August 15 – September 30, 2022

- ❑ Virtual meeting(s) prior to application cycle

- ❑ MPOs submit prioritization lists for prospective projects

KYTC's 2022 CMAQ Application Cycle (continued)

- ❑ Sponsors should:
  - ❑ Submit KIPDA Project Application for new projects or update info for existing MTP projects

  - ❑ Submit CMAQ application to KYTC through their website

  - ❑ Coordinate with KIPDA to complete the CMAQ emissions calculator toolkit

- ❑ KIPDA staff will:
  - ❑ Review applications and develop recommended prioritization list

  - ❑ Present recommendations to committees for action and send list to KYTC

Wrap Up

❑ CK 2050 MTP and TIP Project Development

❑ 2022 MPO Dedicated Funding Call for Projects

❑ 2022 KYTC CMAQ Application Cycle

❑ Familiarize yourself with KIPDA's Transportation Planning Portal
   ❑ Project Application
   ❑ MPO Dedicated Funding Application
   ❑ Guidance document
   ❑ Workshop recording
   ❑ Mapping resources