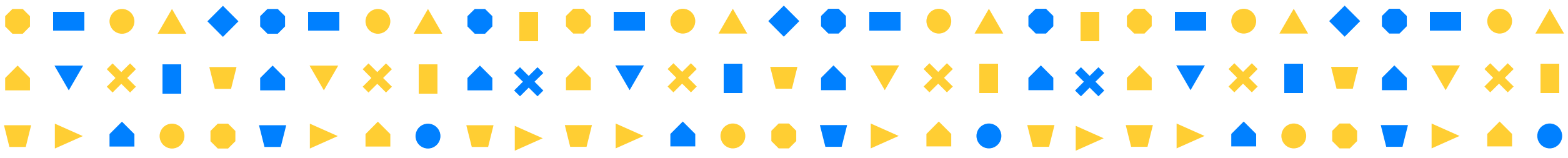


# VISION ZERO LOUISVILLE



Project Funding Deep Dive

October 21, 2022



# Considerations for Federal Grants

- **Funding for capital projects that will help us reach Vision Zero**
  - Good fit for projects costing over \$1,000,000
- **Local Match**
  - We must cover 20% of total project cost (\$200,000+)
  - Overmatching will make you more competitive for discretionary grants
- **Merit Criteria**
  - **What will be a competitive submission?**
  - General themes:
    - Project Readiness
    - Safety
    - Equity ([Justice 40](#))
      - At least 40% of the benefits from federal investments to disadvantaged communities
    - Environmental Sustainability
    - Quality of Life
    - Improved Mobility and Community Connectivity
    - Economic Competitiveness and Opportunity
    - State of Good Repair
    - Partnership and Collaboration
    - Innovation
    - Environmental Risk



# Important Terms

- **Discretionary** Very formal application, compete nationwide/statewide, winners chosen by elected leaders or their appointees
  - **Formula** Less formal application, compete statewide/amongst other KIPDA local public agencies, often chosen by committees that Metro has a vote (ex: KIPDA TPC)
  - **NOFO** Notice of Funding Opportunity
  - **FFY** Federal Fiscal Year (Begins October 1)
  - **US DOT** United States Department of Transportation
  - **FHWA** Federal Highway Administration
  - **FTA** Federal Transit Administration
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- **Yellow highlight** on grant names = possible nexus with the VZ goal



# BIL Grants from US DOT

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b>RAISE:</b> Rebuilding American Infrastructure with Sustainability and Equity	Broad, very flexible	Yes. We won 2! <ul style="list-style-type: none"> <li><a href="#">Reimagine 9<sup>th</sup> Street</a> (Design &amp; Construction)</li> <li><a href="#">Broadway All the Way</a> (Design only)</li> </ul>	Yes	<ol style="list-style-type: none"> <li><a href="#">Broadway All the Way</a> (Construction)</li> <li>Construction of the <a href="#">Eastern Parkway Transportation Study</a></li> <li>Design and Construction of the <a href="#">Preston Corridor Plan</a></li> <li>K&amp;I Bridge Shared Use Path</li> <li><a href="#">Louisville Loop</a></li> <li>High priority projects that aren't fitting for other grants</li> </ol>
<b>SS4A:</b> Safe Streets and Roads for All	Safety	Yes, already submitted. Awards announced in Jan. 2023	Yes	<ol style="list-style-type: none"> <li><a href="#">Rightsizing Louisville for Safe Streets</a></li> <li>Construction of <a href="#">FHWA Proven Safety Countermeasures</a> at locations identified in the "Prioritized List of Projects" beginning on page 72 of the <a href="#">Vision Zero Louisville Safety Report Technical Appendix (2021)</a>.</li> </ol>
<b>RCP:</b> Reconnecting Communities Program	Reconnect communities that were previously cut-off from economic opportunities by transportation infrastructure	No	Yes	<ol style="list-style-type: none"> <li>People Friendly Underpasses (I-65, I-64, I-264)</li> <li>Planning Studies for Interstate and/or Ramp Removals</li> </ol>
<b>SMART:</b> Strengthening Mobility and Revolutionizing Transportation	New technologies for: <ul style="list-style-type: none"> <li>Safety</li> <li>Efficiency</li> </ul>	Yes. Application currently being developed. Due 11/18/2022. CIT is lead.	Yes. CIT is lead.	<ol style="list-style-type: none"> <li>SMART Operations Center IoT enablement platform for:               <ul style="list-style-type: none"> <li>V2V, V2I, and/or V2X communications</li> <li>Flooded viaduct warning system</li> <li>Responsive traffic management for emergency responders</li> </ul> </li> </ol>
<b>ATTAIN:</b> Advanced Transportation Technologies and Innovation	New technologies for: <ul style="list-style-type: none"> <li>Safety</li> <li>Mobility</li> <li>Sustainability</li> <li>Economic Vitality</li> </ul>	No	Yes	<ol style="list-style-type: none"> <li>Construction of projects that will be prioritized in the upcoming ITS Implementation Plan (led by Traffic Engineering)               <ul style="list-style-type: none"> <li>Upgraded Signal Controllers</li> </ul> </li> </ol>

# BIL Grants from US DOT

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b>PROTECT (federal):</b> Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation	Resilience to natural disasters	Maybe. No news about when NOFO will be released	Maybe	1. Louisville Flooding Streets Incident Management (LFSIM)
<b>INFRA:</b> Nationally Significant Freight and Highway Projects	Freight	No	Maybe	1. Central Avenue Extension to I-65 2. Reconfiguration of Crittenden at I-65 3. Grade Lane 4. Intermodal Connections to Riverport
<b>MEGA:</b> National Infrastructure Project Assistance Grant	Extremely high-cost projects on the National Highway System or National Freight Network	No	No	Don't expect to have projects large enough in cost or scope to be competitive but keeping this on our radar.
<b>NBIP:</b> National Bridge Investment Program	Bridge Maintenance	No	Maybe	Will need KYTC support to be competitive. KYTC's current priority is the Brent Spence bridge between NKY and Cincinnati.
<b><u>Inflation Reduction Act</u></b>	TBD	TBD	TBD	We are still learning about what transportation-related grant opportunities came from this act. 1. <b><u>Neighborhood Access and Equity Grants</u></b>

# BIL Grants from US DOT

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<u>NEVI</u> : National Electric Vehicle Infrastructure Formula Program	EV charging	Maybe. No news about when NOFO will be released	Maybe	TBD, waiting for more info from DOT
Charging and Fueling Infrastructure Grants Program ( <u>Community EV Charging and Alternative Fuel Corridors</u> )	EV charging prioritizing rural, low- and moderate-income areas, and communities with low ratio of private parking spaces	Maybe. No news about when NOFO will be released	Maybe	TBD, waiting for more info from DOT
<u>Congestion Relief Program</u>	Reduce congestion and related economic and environmental costs	Maybe. No news about when NOFO will be released	Maybe	TBD, waiting for more info from DOT
<u>Wildlife Crossings Safety Pilot Program</u>	Reduce wildlife-vehicle collisions and improve habitat connectivity	Maybe. No news about when NOFO will be released	Maybe	TBD, waiting for more info from DOT
<u>AID</u> : Accelerated Innovation Deployment Demonstration Program	Innovative project delivery including planning, financing, operation, structures, materials, environment, and construction	Maybe. No news about when NOFO will be released	Maybe	TBD, waiting for more info from DOT
<u>Prioritization Process Pilot Program</u>	Data-driven approaches to planning that can be evaluated for public benefit	Maybe. No news about when NOFO will be released.	Maybe	TBD, waiting for more info from DOT

# BIL Grants from US DOT

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b><u>CRISI:</u></b> Consolidated Rail Infrastructure and Safety Improvements	Railroad Safety	No	Maybe	<ol style="list-style-type: none"> <li>1. Deployment of railroad safety technology</li> <li>2. Highway-rail grade crossing improvement projects</li> <li>3. Safety measures to prevent trespassing</li> <li>4. Emergency plans where hazardous materials are transported by rail</li> </ol>
<b><u>Railroad Crossing Elimination Program</u></b>	Railroad Safety	No	Maybe	<ol style="list-style-type: none"> <li>1. Improvement or installation of protective devices, signals, and/or signs.</li> <li>2. Other means to improve safety related to the mobility of people and goods at highway-rail grade crossings.</li> </ol>
<b><u>FTA Transit-Oriented Development Pilot Program</u></b>	Integrate land use and transportation planning for core capacity transit corridors	TARC is lead	TARC is lead	<ol style="list-style-type: none"> <li>1. Support TARC ideas</li> </ol>
<b><u>CIG:</u></b> Capital Investment Program (New Starts, Small Starts, and Core Capacity Improvements)	Capital infrastructure for bus rapid transit	TARC is lead	TARC is lead	<ol style="list-style-type: none"> <li>1. <a href="#">Broadway All the Way</a> (Construction)</li> <li>2. Support TARC ideas</li> </ol>
<b><u>PIDP:</u></b> Port Infrastructure Development Program	Ports	Riverport is lead	Riverport is lead	<ol style="list-style-type: none"> <li>1. Implementation of projects from Riverport's future Master Plan</li> <li>2. Support Riverport ideas</li> </ol>

# Transportation-Related Grants (not from US DOT)

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b>EPA DERA:</b> Diesel Emissions Reduction Act	Improve air quality by reducing emissions from diesel engines	Maybe. No news about when NOFO will be released.	Maybe	<ol style="list-style-type: none"> <li>1. Electrification of Louisville Metro's Heavy-Duty Fleet</li> <li>2. Electrification of JCPS School Buses</li> </ol>
<b>Dept. of Energy:</b> Energy Efficiency and Conservation Block Grant Program	Reduce fossil fuel emissions	Maybe. No news about when NOFO will be released.	Maybe	<ol style="list-style-type: none"> <li>1. TBD, waiting for more info from DOE</li> </ol>
<b>FEMA BRIC:</b> Building Resilient Infrastructure and Communities	Hazard mitigation	Yes. Application currently being developed. Due 11/18/2022. MSD is lead.	MSD is lead	<ol style="list-style-type: none"> <li>1. Rehabilitate and expand capacity of the Western Parkway Flood Pump Station (WPFPS) to improve flood resilience.</li> <li>2. Support MSD ideas</li> </ol>
<b>FEMA Homeland Security Grant Program</b>	Prevent and protect against acts of terror	No	Maybe	<ol style="list-style-type: none"> <li>1. Protect Pedestrians from Threats in the Right-of-Way <ul style="list-style-type: none"> <li>• Fully protected bike lanes</li> <li>• "Drop and Stop" barriers at events</li> </ul> </li> </ol>
<b>BICI:</b> Bloomberg Initiative for Cycling Infrastructure	Transformative cycling infrastructure	Not offered	Maybe	<ol style="list-style-type: none"> <li>1. Convert existing facilities to protected</li> <li>2. Central Bike Network</li> </ol>

**Still researching what else is out there!**



# Discretionary Grants from KYTC

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b>HSIP:</b> Highway Safety Improvement Program	Reduction in traffic fatalities and serious injuries on all public roads	Yes	Yes	<ol style="list-style-type: none"> <li>1. Implementation of VZL projects and priorities</li> <li>2. Data-driven, strategic, performance-focused approaches</li> <li>3. Construction of <a href="#">FHWA Proven Safety Countermeasures</a> at locations identified in the “Prioritized List of Projects” beginning on page 72 of the <a href="#">Vision Zero Louisville Safety Report Technical Appendix (2021)</a>.</li> </ol>
<b>CMAQ:</b> Congestion Mitigation and Air Quality	Reducing transportation-related emissions, improve air quality, decrease traffic congestion	Yes, submitted in Sept. 2022. Governor will select projects for award. Unsure when awards will be announced.	Next NOFO expected in 2024	<ol style="list-style-type: none"> <li>1. LaGrange Road Bicycle &amp; Pedestrian Improvements <ul style="list-style-type: none"> <li>• KYTC ID 5-459.00, KIPDA ID 1634</li> </ul> </li> <li>2. Electrification of Louisville Metro’s Light-Duty Fleet</li> </ol>
<b>PROTECT (state formula):</b> Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation	Resilience to natural disasters	Maybe. Still waiting to hear from KYTC about application process	Maybe	<ol style="list-style-type: none"> <li>1. Louisville Flooding Streets Incident Management (LFSIM)</li> </ol>
<b>SYP (Six Year Plan):</b> KYTC’s Enacted Highway Plan (state routes)		No grant. This is a listing of projects that received state funding voted on by KY State Legislators	Next plan will be approved in April 2024.	Not a grant, but this process is an opportunity to advocate KYTC to award state funding to projects on state routes

# KIPDA Formula Funds in the TIP

Grant Name	Goal of the Grant	Apply in FFY 2022	Apply in FFY 2023	Project Ideas
<b>STBG:</b> Surface Transportation Block Grant	Broad, very flexible	Yes	Next NOFO expected in 2024	<ol style="list-style-type: none"> <li>Fully fund projects that already had TIP funding prior to this current NOFO <ul style="list-style-type: none"> <li><a href="#">Interactive TIP map</a></li> <li><a href="#">TIP Excel Spreadsheet</a></li> </ul> </li> </ol>
<b>TA:</b> Transportation Alternatives	Bike, ped facilities, recreational trails, safe routes to school, historic preservation, vegetation management, environmental mitigation	Yes	Next NOFO expected in 2024	<ol style="list-style-type: none"> <li>Fully fund projects that already had TIP funding prior to this current NOFO <ul style="list-style-type: none"> <li><a href="#">Interactive TIP map</a></li> <li><a href="#">TIP Excel Spreadsheet</a></li> </ul> </li> </ol>
<b>CRP:</b> Carbon Reduction Program	Reduction of transportation-related CO <sub>2</sub> emissions	Yes	Next NOFO expected in 2024	<ol style="list-style-type: none"> <li>EV Charging Infrastructure for Louisville Metro and TARC Fleet</li> <li>Louisville CBD Streetlight Rehabilitation (replace with energy-efficient alternatives)</li> <li>Fully fund projects that already had TIP funding prior to this current NOFO but may need extra funding AND are eligible for CRP (ex: Complete Streets projects)</li> <li>Construction of the <a href="#">Eastern Parkway Transportation Study</a></li> <li>Electrification of Louisville Metro's Heavy-Duty Fleet</li> </ol>