TRANSPORTATION TECHNICAL COORDINATING COMMITTEE
1:00 p.m., Wednesday, April 13, 2022
KIPDA Burke Room
11520 Commonwealth Drive
Louisville, Kentucky 40299

Please review the following notes:

TTCC members and the public may attend the meeting at 11520 Commonwealth Drive, Louisville KY.
TTCC members and the public may participate, observe, and comment online.
All TTCC members will be provided a unique web-link to the Zoom (video conference) in advance of the meeting should they wish to participate online.
The public may review the meeting materials and find the web-link to the video meeting at: https://https://www.kipda.org/committees-and-councils/transportation-technical-coordinating-committee/meeting-information/
There will be a public comment period at the beginning of the TTCC meeting. The public may also submit comments in advance of the meeting by emailing: KIPDA.trans@kipda.org.

AGENDA

1. Call to Order; Welcome, Roll Call


3. Transportation Policy Committee Report – Staff will review the activities of the February and March 2022 TPC Meetings.

4. Public Comment Period – The TTCC Chair will facilitate a review of comments submitted prior to the TTCC meeting and entertain comments offered as part of Agenda Item 4.

5. Air Quality Conformity Update – Staff from the Louisville Metro Air Pollution Control District will provide a presentation on recent changes regarding air quality and ozone in the region.

6. Transportation Technical Coordinating Committee Future Focus - Staff will engage the committee members on future initiatives, presentations, and priorities at the meetings.
7. **Connecting Kentuckiana 2050 Project Evaluation Working Group** – Staff will request the development of a working group to assist with the update of the project evaluation process for the Metropolitan Transportation Plan. **Action Requested.**

8. **Socioeconomic Data: 2050 Update** – Staff will present employment, household, and population data for 2050, the horizon year for the next update of the MTP.

9. **High Density Land Use Clusters** – Staff will provide updated processes and data for regional hot spots including medical, commercial, freight, employment, and housing for project development in Connecting Kentuckiana 2050 Metropolitan Transportation Plan.

10. **Metropolitan Planning Organization Dedicated Funds** – Staff will review proposed cost increases and phase shifts to the MPO dedicated funds. **Action Requested.**

11. **Metropolitan Planning (PL) Funded Planning Studies** – Staff will provide an update on the “Call for Studies” that makes available some of the FY 2023 Metropolitan Planning (PL) funds for local agencies.

12. **Other Business**

13. **Adjourn**
Call to Order
Chair Keith Griffie called the meeting to order at 1:00 p.m. After roll call was taken, it was determined that there was a quorum present.

Review and Approval of Minutes
Jim Silliman, Oldham County, made a motion to approve the minutes for the January TTCC meeting. Barry Armstrong, City of Mt. Washington, seconded the motion and it carried with a unanimous vote.

Transportation Policy Committee (TPC) Report
Andy Rush, KIPDA staff, reported on the January TPC meeting. No action was required.

Public Comment Period
There were no public comments.

Public Participation Plan Update
Greg Burress, KIPDA staff, discussed the public involvement period for the draft Public Participation Plan. Miguel Zamora, Jefferson Riverport International, made a motion to recommend approval to the TPC. Dirk Gowin, Louisville Metro Public Works & Assets, seconded the motion and it carried with a unanimous vote.

Amendment 6 to the Connecting Kentuckiana 2040 Metropolitan Transportation Plan & the FY 2020-2025 Transportation Improvement Program
Nick Vail, KIPDA staff, provided an update to proposed Amendment 6 to the CK2040 MTP and the FY 2020-2025 TIP.

Barry Armstrong, City of Mt. Washington, made a motion to approve the proposed amendment to the MTP. Curtis Hockenbury, City of Shepherdsville, seconded the motion and it carried with a unanimous vote.

Barry Armstrong, City of Mt. Washington, made a motion to approve the proposed amendment to the TIP. Curtis Hockenbury, City of Shepherdsville, seconded the motion and it carried with a unanimous vote.

MPO Dedicated Funding Programs
Nick Vail, KIPDA staff, delivered updates and recommendations on the status of projects funded through the MPO Dedicated Funding Programs. Dirk Gowin, Louisville Metro Public Works & Assets, made a motion to recommend approval to the TPC of the updates and recommendations. Jim Silliman, Oldham County, seconded the motion and it carried with a unanimous vote.

Coordination Human Services Transportation Plan (CHSTP) Amendment
Elizabeth Farc, KIPDA staff, provided an update to the CHSTP. Arthur Jones, City of Shepherdsville, made a motion to recommend approval of the update to the TPC. Dirk Gowin, Louisville Metro Public Works & Assets, seconded the motion and it carried with a unanimous vote.
Performance Management Plan Annual Update
Jeremeih Shaw, KIPDA staff, reviewed proposed modifications to the KIPDA PMP Safety Targets. There was discussion. Dirk Gowin, Louisville Metro Public Works & Assets, made a motion to recommend approval of the proposed modifications to the TPC. Miguel Zamora, Louisville Riverport International, seconded the motion and it carried with a unanimous vote.

Other Business
Andy Rush, KIPDA staff, updated the committee on the status of the upcoming Federal Certification Review.

Andy Rush (KIPDA staff) and Noura Akkad (FHWA) announced there will be upcoming Transportation Performance Measures training.

Chair Kevin Griffee praised KIPDA staff for their hard work.

Adjournment
The meeting was adjourned at 1:48 p.m.

____________________
Andy Rush
Recording Secretary

Members Present:
Keith Griffee (Chair) Bullitt County
Tubby Purcell City of Charlestown
Barry Armstrong City of Mt. Washington
Larry Summers City of New Albany
Curtis Hockenbury City of Shepherdsville
Kenan Stratman City of St. Matthews
Brian Dixon Clark County
*Noura Akkad Federal Highway Administration – Kentucky
Robin Bolte Indiana Department of Transportation – Seymour District
Isidro Delgado Kentucky Transportation Cabinet
Tom Hall Kentucky Transportation Cabinet – District 5
Derek Morris Kentucky Transportation Cabinet – Office of Transportation Delivery
Andy Rush KIPDA
Michelle King Louisville Metro Air Pollution Control District
Michael King Louisville Metro Economic Development
Emily Liu Louisville Metro Planning & Design Services
Dirk Gowin Louisville Metro Public Works & Assets
Miguel Zamora Louisville Riverport International
Jim Silliman Oldham County
Jim Urban Oldham County Planning Commission
Geoffrey Hobin TARC
Alli Woosley TARC Accessibility Advisory Council
Mike Keeling Town of Clarksville
*Vince Robison TRIMARC

Members Absent:
*AARP – Kentucky
*Bullitt County Chamber of Commerce
City of Jeffersontown
City of Jeffersonville
Clark County Air Board
*Clark County Fire Chiefs Association
Clark County Planning Commission
*Federal Aviation Administration – Memphis
*Federal Highway Administration – Indiana
Agenda Item #2

*Federal Transit Administration – Region 4
Floyd County
*Greater Louisville Inc.
Indiana Department of Environmental Management
Indiana Department of Transportation – Public Transportation
Indiana Department of Transportation – Urban & MPO Section
*Indiana Motor Truck Association
Kentucky Division for Air Quality
Kentucky Transportation Cabinet
*Kentucky Trucking Association
Louisville Regional Airport Authority
*Louisville Water Company
*Louisville/Jefferson County Metro Sewer District
*Oldham Chamber & Economic Development
*One Southern Indiana
Ports of Indiana – Jeffersonville
*River Hills Economic Development District
*Southern Indiana Transit Advisory Group
*University of Louisville

Other Attendees
John Callihan AECOM
Brian Meade AECOM
Felicia Harper Bullitt County
Lori Puchino City of Mt. Washington
Arthur Fleming City of Shepherdsville
Karlei Metcalf Indiana Department of Transportation – Seymour District
Tracy Lovell Kentucky Transportation Cabinet – District 5
Greg Burress KIPDA
Elizabeth Farc KIPDA
Aaron Jones KIPDA
Valerie Mohr KIPDA
Jeremeih Shaw KIPDA
Randy Simon KIPDA
Nick Vail KIPDA
Spencer Williams KIPDA
Craig Butler Louisville Metro Air Pollution Control District
Bradley Coomes Louisville Metro Air Pollution Control District
Byron Gary Louisville Metro Air Pollution Control District
Amanda Deatherage Louisville Metro Public Works & Assets
Karen Mohammadi Michael Baker International
Terri Combs Prime Engineering
Max Levy TARC
Stuart Maclean TARC
Chris Ward TARC
Bruce Bohne TRIMARC
Bob Stein United Consulting

* Denotes Advisory Members
MEMORANDUM

TO: Transportation Technical Coordinating Committee

FROM: Andy Rush, Nick Vail, & Elizabeth Farc

DATE: April 6, 2022

SUBJECT: KIPDA Committee Future Focus

The last few years have brought an unprecedented level of change in our region and in society as a whole. Staff presented to the Transportation Policy Committee Meeting last month about the impact and future focus of the committee.

Staff will share a brief presentation that highlights the responsibilities, the expectations, and the future opportunities for the KIPDA TPC and engage with TTCC members about future initiatives from the TTCC.
MEMORANDUM

TO: Transportation Technical Coordinating Committee

FROM: Elizabeth Farc

DATE: April 6, 2022

SUBJECT: Connecting Kentuckiana 2050 Metropolitan Transportation Plan Update – TTCC Project Evaluation Working Group

KIPDA staff will be seeking participation from members of the Transportation Technical Coordinating Committee to assist in review and revision of the project evaluation process for Connecting Kentuckiana 2050. The working group is anticipated to meet no more than two times in April.

At the April TTCC meeting, the Chair will solicit volunteers for the working group, giving consideration to geographic coverage.

**Action is requested to recommend that TPC approve the cost increase and phase shift requests.**
MEMORANDUM

TO: Transportation Technical Coordinating Committee
FROM: Spencer Williams
DATE: April 6, 2022
SUBJECT: 2050 Socioeconomic Data Forecasts

As part of the update to the Metropolitan Transportation Plan (MTP), a major update of the socioeconomic data forecasts for the year 2050 is currently underway. This data is used for several transportation planning purposes, including but not limited to the KIPDA Regional Travel Demand Model, and must be updated as part of the ongoing 2050 MTP update.

To update the forecasts, KIPDA staff developed draft estimates for population, households, and employment for the Horizon Year 2050 at the Transportation Analysis Zone (TAZ) geographic level. Staff will be reaching out to the counties and local jurisdictions to discuss the projections and recommend adjustments based on local knowledge. Staff will use this feedback to create the final 2050 socioeconomic projections.

The process of developing these draft forecasts will be presented at the meeting and is summarized below:

1. A base year of 2019 was developed using Data Axle and Census data. The base year was the foundation on which the future year forecasts were built.

2. Staff analyzed county and local comprehensive plans for current land use, future land use, and zoning information (if applicable).

3. Staff extrapolated the base year data to the horizon year based on growth trends from 2015-2040.
These forecasts will be used for a variety of purposes in Connecting Kentuckiana. They are not only an integral component of the update to KIPDA's Regional Travel Demand Model, but will also be used later this year to assist staff and project sponsors as projects are developed and evaluated.

**No action required.**
MEMORANDUM

TO: Transportation Technical Coordinating Committee
FROM: Zach Herzog
DATE: April 6, 2022
SUBJECT: High-Density Land Use Clusters

KIPDA staff has updated high-density land use clusters for use in the Connecting Kentuckiana 2050 Metropolitan Transportation Plan update. The land use clusters are a data analysis product developed by KIPDA staff to identify areas of with dense land use of a specific type. The analysis helps project sponsors and transportation planners pinpoint locations for infrastructure improvements. Clusters are identified for medical facilities, freight sites, commercial locations, housing, and employment.

Staff will present methodology and results to the Transportation Technical Coordinating Committee. The land use clusters will be available on the Online Resource Center and used in the MTP Project Evaluation.

No action requested.
MEMORANDUM

TO: Transportation Technical Coordinating Committee
FROM: Nick Vail
DATE: March 29, 2022
SUBJECT: MPO Dedicated Funding Programs

As the Metropolitan Planning Organization (MPO) for the Louisville, KY-IN Metropolitan Planning Area (MPA), the Transportation Policy Committee (TPC) has the authority to award and manage Federal funds from four programs in Indiana and two programs in Kentucky. On a quarterly basis, KIPDA staff provides an update on the status of projects funded by these programs, presents any cost increase and phase shift requests, and highlights any project phases for which funds were obligated in the previous three months.

This quarter KIPDA staff held a project review meeting with Indiana and Kentucky project sponsors. Staff received one cost increase request from Kentucky sponsors for FY22 project phases which KIPDA has the funds available to award. In addition to the cost increases, there are 9 phase shift requests. Staff will request that TTCC recommend TPC approval of the cost increase and phase shift requests. Please see the attachments for more information.

Action is requested to recommend that TPC approve the cost increase and phase shift requests.
## STAFF REPORT

### Cost Increases

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Sponsor</th>
<th>Project Name</th>
<th>KIPDA ID</th>
<th>State ID</th>
<th>Funds Requested</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Cannons Lane</td>
<td>2239</td>
<td>05-3212.00</td>
<td>$400,000</td>
</tr>
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</table>

### Phase Shifts

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Sponsor</th>
<th>Project Name</th>
<th>KIPDA ID</th>
<th>State ID</th>
<th>Phase Shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Main Street/Story Avenue Intersection</td>
<td>2388</td>
<td>05-758.00</td>
<td>Construction from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Northeast Louisville Loop MET Section 4</td>
<td>2271</td>
<td>05-3030.40</td>
<td>Utilities from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Northeast Louisville Loop MET Section 4</td>
<td>2271</td>
<td>05-3030.40</td>
<td>Construction from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Ohio River Levee Trail - Phase III</td>
<td>1109</td>
<td>05-505.00</td>
<td>Utilities from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Ohio River Levee Trail - Phase III</td>
<td>1109</td>
<td>05-505.00</td>
<td>Construction from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Olmsted Parkways Multi-Use Path System Sect. 1</td>
<td>2622</td>
<td>05-3709.00</td>
<td>Construction from FY22 to FY23</td>
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<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Olmsted Parkways Multi-Use Path System Sect. 6</td>
<td>2627</td>
<td>TBD</td>
<td>Construction from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Olmsted Parkways Multi-Use Path System Sect. 7</td>
<td>2628</td>
<td>TBD</td>
<td>Construction from FY22 to FY23</td>
</tr>
<tr>
<td>22</td>
<td>Lou. Metro</td>
<td>Stony Brook Drive Sidewalk Connector</td>
<td>2594</td>
<td>05-571.00</td>
<td>Construction from FY22 to FY23</td>
</tr>
</tbody>
</table>
### Funding Obligations During Past Quarter

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Project Name</th>
<th>KIPDA ID</th>
<th>State ID</th>
<th>Phase</th>
<th>Funds Obligated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarksville</td>
<td>Riverside Drive Reconstruction</td>
<td>2393</td>
<td>1700725</td>
<td>PE</td>
<td>$107,000</td>
</tr>
<tr>
<td>Lou. Metro</td>
<td>Kentuckiana Air Education</td>
<td>369</td>
<td>TBD</td>
<td>Pr</td>
<td>$200,000</td>
</tr>
<tr>
<td>New Albany</td>
<td>E. Main Street Reconstruction</td>
<td>2392</td>
<td>1700730</td>
<td>C</td>
<td>$300,874</td>
</tr>
<tr>
<td>Oldham County</td>
<td>Buckner Connector</td>
<td>1808</td>
<td>05-754.00</td>
<td>C</td>
<td>$2,453,968</td>
</tr>
<tr>
<td>U of L</td>
<td>2\textsuperscript{nd} Street/3\textsuperscript{rd} Street/ Museum Drive Improvements</td>
<td>2982</td>
<td>05-581.00</td>
<td>D</td>
<td>$271,695</td>
</tr>
</tbody>
</table>
MEMORANDUM

TO: Transportation Technical Coordinating Committee

FROM: Andy Rush

DATE: April 1, 2022

SUBJECT: Metropolitan Planning (PL) Funded Planning Studies

The new Federal Infrastructure Bill, known as the Infrastructure Investment and Jobs Act (IIJA) or the Bipartisan Infrastructure Law (BIL), has impacted the funding levels across many FHWA funding programs. The Metropolitan Planning (PL) Program is no exception to this. The PL funds are apportioned to each state by FHWA and then are distributed to the MPOs by INDOT and KYTC based on population in the urbanized area. These funds are used to fund the MPO’s operations and to perform transportation planning studies. For FY 2023, the KIPDA MPO is expected to receive an increase in PL funding of about 15%.

In order to effectively utilize these funds in FY 2023, a “Call for Studies” is being established. A total of approximately $225,000 in Federal dollars are expected to be available. Staff will present to the committee the details of this call. Some key details include:

- These funds can only be used for transportation planning studies and data collection.
- The applicant must commit to matching the Federal funds with (at least) a 20% match.
- The planning studies that receive these funds must be completed by June 30, 2023.
- Applications are due to KIPDA by April 18th.
- Applications must be submitted online: https://kipda.formstack.com/forms/pl_funding

The Transportation Policy Committee approved this process at their March 2022 meeting.

See attached.
MPO Planning (PL) Funds
Call for Studies

Guidance and Scoring
Created March 2022

Guidance

The following information is for the fiscal year (FY) 2023 Call for Studies.

Funds Available: $225,000

Application Window: Friday, March 25 - Monday, April 18

Application form available at https://kipda.formstack.com/forms/pl_funding.

Guidelines:

These funds are available exclusively for transportation planning studies or data collection efforts. These funds are not intended to be used for any preliminary engineering, design, right-of-way, utilities, or construction phases for transportation projects. There is no guarantee that the study will result in a funded transportation project.

KIPDA staff will review candidate studies, evaluate them based on the approved scoring system, and provide a recommendation. The Transportation Policy Committee will approve the final funding awards for inclusion in the UPWP.

Expectations:

- Studies and data collection efforts awarded MPO PL funds should anticipate a Notice to Proceed early in the fiscal year or the funds are at risk of being rescinded. Studies must be completed by the end of the fiscal year (June 30, 2023).
- The agency awarded funding will provide monthly progress updates to the Transportation Division Director or their designee.
- The agency will provide regular updates to the Transportation Policy Committee concerning the progress of the study or data collection effort, results of public outreach efforts, and key outcomes of the completed study.
- Studies will consider the public involvement guidelines for "Studies Funded with MPO PL Funds" outlined in the KIPDA Public Participation Plan.
- Results and products from data collection efforts must be shared with the MPO.
## FY 2023 Schedule:

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>February</td>
<td>MPO Director identifies available funds.</td>
</tr>
<tr>
<td>March</td>
<td>Should funds be available, the Transportation Policy Committee (TPC) and Transportation Technical Committee (TTCC) members are informed about the schedule for submitting applications. The application and guidelines for applying, as well as the amount of anticipated MPO PL funds available for the upcoming fiscal year, will be posted under Forms on the Transportation Planning Portal.</td>
</tr>
<tr>
<td>April</td>
<td>KIPDA staff reviews applications and develops a recommendation.</td>
</tr>
<tr>
<td>April 18,</td>
<td>Call for Studies PCL Funding Application Due</td>
</tr>
<tr>
<td>May</td>
<td>The TPC awards funds for selected studies or data collection efforts. The UPWP will be amended with the selected studies.</td>
</tr>
<tr>
<td>June</td>
<td>Studies should begin consultant selection process and anticipate a Notice to Proceed early in the fiscal year.</td>
</tr>
</tbody>
</table>
## Study Evaluation Scoring

### Study Need – 50% (Up to 50 points)

The application should include a description of the study that clearly identifies the purpose, needs, and desired outcomes. Points in this section are divided into two categories: general needs for the study and specific goals the study aims to accomplish.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Studies: Up to 20 points</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>The study supports the implementation of one or more regional plans.</td>
<td>e.g. Connecting Kentuckiana 2040 Metropolitan Transportation Plan, Regional Freight Mobility Study, Coordinated Human Services Transportation Plan, Congestion Mitigation Plan</td>
</tr>
<tr>
<td>0 – 5 pts</td>
<td>The study area or corridor has not been studied within the past five years.</td>
<td>If the area has been studied in the past five years, justify the need to study it again.</td>
</tr>
<tr>
<td>0 – 5 pts</td>
<td>Study is innovative</td>
<td></td>
</tr>
</tbody>
</table>

The remaining points are broken out by study type:

### A. Project Concept Development, Feasibility, or Scoping Studies: Up to 30 points

Complete Streets, Bicycle, Pedestrian, Trails, and/or Safety Projects (0 – 30 pts)

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 10 pts</td>
<td>Project improves multi-modal accessibility and safety for all modes.</td>
<td></td>
</tr>
<tr>
<td>0 – 20 pts</td>
<td>Demand for facility/improvement is documented in the application</td>
<td>e.g. proximity to schools, employment centers, connection to existing facilities, lack of existing sidewalks or bike infrastructure, crash history, etc.</td>
</tr>
</tbody>
</table>

Congestion Mitigation Projects (widenings, traffic ops, ITS, etc.) (0 – 30 pts)

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 10 pts</td>
<td>Project improves multimodal accessibility and safety for all modes.</td>
<td></td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>Scope includes alternatives analysis for traffic operations, ITS/TSMO, and/or access management.</td>
<td></td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>Documentation of current traffic congestion is provided.</td>
<td></td>
</tr>
</tbody>
</table>
### B. General Transportation Planning Studies: Up to 30 points

*Includes sub-area or citywide transportation plans, trail master plans, corridor plans, parking studies, connected or autonomous vehicle studies, or other transportation studies that results in a list of recommended projects.*

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 5 pts</td>
<td>The need for this study was identified in a Comprehensive Transportation Plan or other locally adopted plan.</td>
</tr>
<tr>
<td>0 – 15 pts</td>
<td>The application provides documentation that the study is responding to local or regional transportation need e.g. new large-scale developments, new transit service, new interchange opened, safety concerns, etc.</td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>The goals of the study include reducing single-occupancy vehicle trips and increasing multimodal access and mobility throughout the study area.</td>
</tr>
</tbody>
</table>

### C. Transit Studies: Up to 30 points

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 5 pts</td>
<td>The need for this study was identified in a Comprehensive Transportation Plan or other locally adopted plan.</td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>The study area or transit corridor currently has transit-supportive density, or if not, the application documents the demand for transit e.g. serves large senior population or zero-car households, or current zoning allows for transit-supportive densities</td>
</tr>
<tr>
<td>0 – 10 pts</td>
<td>The study crosses 2+ counties, leverages regional capacity improvements, or provides high capacity, improves transit reliability, high frequency, or dedicated facility.</td>
</tr>
<tr>
<td>0 – 5 pts</td>
<td>All applications must include a letter of support from the transit agency.</td>
</tr>
</tbody>
</table>
**Equity – 15% (Up to 15 points)**
Studies located in or connect to Census tracts with the highest concentrations of racial and ethnic minorities and low-income populations in KIPDA’s Environmental Justice Areas will receive priority. Connecting people and communities to economic and educational opportunities with safe, reliable, and affordable transportation is a key goal of Connecting Kentuckiana 2040 Metropolitan Transportation Plan. Points are allocated as outlined below:

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 pts</td>
<td>Highest concentration of racial/ethnic minorities and low-income populations</td>
<td>Defined as an EJ area, 200% above regional average</td>
</tr>
<tr>
<td>10 pts</td>
<td>High concentration of racial/ethnic minorities and low-income populations</td>
<td>Tracts above regional average</td>
</tr>
<tr>
<td>5 – 10 pts</td>
<td>Does not connect to a high concentration of EJ populations but does serve other vulnerable populations</td>
<td>e.g. seniors, zero-car households, individuals with disabilities, youth</td>
</tr>
<tr>
<td>0 pts</td>
<td>Does not serve EJ populations or other vulnerable populations</td>
<td></td>
</tr>
</tbody>
</table>

**Commitment and Ability to Implement – 15% (Up to 15 points)**
KIPDA staff aim to minimize the risk of project delays and avoid wasting resources on unimplementable plans due to lack of political or public supports, poor agency coordination, or other reasons. Therefore, past performance on plan and project implementation will be considered in the study evaluation.

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 9 pts</td>
<td>Sponsor has history of successfully implementing projects</td>
<td></td>
</tr>
<tr>
<td>0 - 6 pts</td>
<td>Sponsor is committing to match over the minimum 20%</td>
<td>1 pt for every 5% over 20%, up to 50% match (6 pts)</td>
</tr>
</tbody>
</table>

**Consistency with the Metropolitan Transportation Plan – 20%**
The Connecting Kentuckiana 2040 Metropolitan Transportation Plan supports:

- Improved connections
- A safe and reliable transportation system
- Expanded mobility options
- New and innovative approaches to improve the transportation system in a cost-effective and efficient manner
- Responsive to the needs and wants of the users
- More efficient use of the existing transportation system

The goals and objectives of the MTP further outline the policy framework and vision. Studies that are consistent with these goals and objectives, as well as contribute to achieving performance targets, will receive full credit for consistency. Points will be assigned based on the applicant’s response on how the study addresses the Connecting Kentuckiana 2040 Metropolitan Transportation Plan:
<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 - 20</td>
<td>Strongly supports regional goals, objectives, and performance targets</td>
</tr>
<tr>
<td>11 - 15</td>
<td>Supports regional goals, objectives, and performance targets</td>
</tr>
<tr>
<td>1 - 10</td>
<td>Somewhat supports regional goals, objectives, and performance targets</td>
</tr>
<tr>
<td>0</td>
<td>Does not support regional goals, objectives, and performance targets</td>
</tr>
</tbody>
</table>