I. Proposed Action:

Modify the FY 2019-2022 Statewide Transportation Improvement Program (STIP) by adding the attached list of projects to the STIP.

Location:

Various Counties

II. Additional Remarks:

See the attachment for detail information.

This modification will become part of the 2018 STIP end of Federal Fiscal Year 2019 “fiscal constraint” recalculations.

III. Administrative Modification Approval:

Modification Recommended for Approval:

[Signature]
Kentucky Transportation Cabinet
Ronald B. Rigley, Director
Division of Program Management

Date: 11/19
<table>
<thead>
<tr>
<th>County</th>
<th>Applicant Name</th>
<th>Project Title</th>
<th>Project Description</th>
<th>Phase</th>
<th>Total Phase Cost</th>
<th>Federal funds</th>
<th>State funds</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide</td>
<td>KYTC</td>
<td>Statewide survey of KYTC ROW for Pollinator Habitat</td>
<td>Kentucky currently has two pollinator species of concern, the Rusty Patch Bumblebee (listed as endangered) and the Monarch Butterfly (listing decision to be made in June 2019). KYTC maintains thousands of acres of ROW but a systematic survey of existing pollinator habitat has not been conducted. By identifying existing pollinator habitat KYTC could better manage and enhance existing pollinator resources and receive credit from USFWS to offset impacts of new road construction on pollinators and their habitat.</td>
<td>N</td>
<td>$600,000.00</td>
<td>$480,000.00</td>
<td>$120,000.00</td>
<td>Environmental Mitigation</td>
</tr>
<tr>
<td>Statewide</td>
<td>KYTC</td>
<td>Development of Pollinator Plots and travel corridors</td>
<td>Kentucky currently has two pollinator species of concern, the Rusty Patch Bumblebee (listed as endangered) and the Monarch Butterfly (listing decision to be made in June 2019). USFWS has been working with KYTC and FHWA to develop a Pollinator Conservation Strategy in which KYTC would receive credit for creation of pollinator habitat and travel corridors. In turn, these credits would be used to offset impacts to pollinators and their habitat from new road construction or maintenance activities. Current estimates indicate that KYTC/FHWA would realize savings of approximately 2.5M/year through implementation of the Pollinator Conservation Strategy by avoiding costly mitigation fees.</td>
<td>N</td>
<td>$1,000,000.00</td>
<td>$800,000.00</td>
<td>$200,000.00</td>
<td>Environmental Mitigation</td>
</tr>
<tr>
<td>Statewide</td>
<td>KYTC</td>
<td>KYTC MS4 Stormwater Permit</td>
<td>KYTC is mandated by the US Environmental Protection Agency to comply with the Clean Water Act Municipal Separate Storm Sewer System (MS4) program via a permit. The permit regulates water pollution due to highway runoff. New permit requirements will necessitate modifying the KYTC MS4 Manual and providing training for KYTC staff. The permit also requires a Public Education measure, which includes a Media Outreach Program. KYTC contracts with the Kentucky Broadcasters Association to air radio and television spots to educate the public on water pollution runoff.</td>
<td>N</td>
<td>$500,000.00</td>
<td>$400,000.00</td>
<td>$100,000.00</td>
<td>Environmental Mitigation</td>
</tr>
</tbody>
</table>