KVRTA - Charleston, WV - FY 2020 - 2024 Transportation Improvement Program - Transit Projects

Submitted to RIC 11/15/19 for approval in December 2019 Meeting

<table>
<thead>
<tr>
<th>FUNDING PROGRAM</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Federal Programed - 5307</td>
<td>2,296.5</td>
<td>2,412.0</td>
<td>2,552.0</td>
<td>3,402.0</td>
<td>3,756.0</td>
<td>2,902.0</td>
</tr>
<tr>
<td>Total Federal Programed - 5339</td>
<td>1,288.0</td>
<td>280.0</td>
<td>204.0</td>
<td>355.0</td>
<td>305.0</td>
<td>204.0</td>
</tr>
<tr>
<td>Total Local Programed</td>
<td>2,396.1</td>
<td>2,398.0</td>
<td>2,489.0</td>
<td>2,739.3</td>
<td>2,815.3</td>
<td>2,576.5</td>
</tr>
<tr>
<td><strong>Total Funds Programed</strong></td>
<td>5,980.6</td>
<td>5,090.0</td>
<td>5,245.0</td>
<td>6,496.3</td>
<td>6,876.3</td>
<td>5,882.5</td>
</tr>
</tbody>
</table>

Sources of Funding

<table>
<thead>
<tr>
<th>Source</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carryover 5307 Funding from prior years</td>
<td>1,785.2</td>
<td>1,444.0</td>
<td>1,726.4</td>
<td>1,895.8</td>
<td>1,242.3</td>
<td>262.4</td>
</tr>
<tr>
<td>New FFY 5307 Apportionment</td>
<td>2,667.7</td>
<td>2,694.4</td>
<td>2,721.3</td>
<td>2,748.6</td>
<td>2,776.0</td>
<td>2,803.8</td>
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<tr>
<td>5308</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>5309</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>5310</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<td>0.0</td>
</tr>
<tr>
<td>Carryover 5339 (capital only)</td>
<td>0.0</td>
<td>-0.8</td>
<td>1.1</td>
<td>81.9</td>
<td>14.5</td>
<td>0.0</td>
</tr>
<tr>
<td>5339 (Capital only)</td>
<td>279.2</td>
<td>281.9</td>
<td>284.8</td>
<td>287.6</td>
<td>290.5</td>
<td>293.4</td>
</tr>
<tr>
<td>5339 (Capital Only WVDPT pass-thru grant)</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td><strong>Federal Funds Available</strong></td>
<td>4,712.1</td>
<td>4,419.5</td>
<td>4,733.6</td>
<td>5,013.8</td>
<td>4,323.3</td>
<td>3,359.5</td>
</tr>
</tbody>
</table>

KVRTA Local Match Required

<table>
<thead>
<tr>
<th>Source</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add. Funding from Capital Reserve</td>
<td>2,396.1</td>
<td>2,398.0</td>
<td>2,489.0</td>
<td>2,739.3</td>
<td>2,815.3</td>
<td>2,576.5</td>
</tr>
<tr>
<td>Federal Carryover Unrestricted (5307)</td>
<td>1,444.0</td>
<td>1,726.4</td>
<td>1,895.8</td>
<td>1,242.3</td>
<td>262.4</td>
<td>164.2</td>
</tr>
<tr>
<td>Federal Carryover Capital Only (5339)</td>
<td>-0.8</td>
<td>1.1</td>
<td>81.9</td>
<td>14.5</td>
<td>0.0</td>
<td>89.4</td>
</tr>
<tr>
<td><strong>Total Carryover</strong></td>
<td>1,443.2</td>
<td>1,727.5</td>
<td>1,977.6</td>
<td>1,256.8</td>
<td>262.3</td>
<td>253.5</td>
</tr>
</tbody>
</table>

FEDERAL TRANSPORT FUNDING SUMMARY BY CATEGORY (1,000'S)

November 15, 2019
Changes that are new are highlighted in yellow, other changes on spreadsheets were just reallocation of funding sources to complete previously approved items on TIP

**Operating & Planning Assistance, FY 2020 – FY 2024.** Ongoing Section 5307 allocations for operating assistance for Salaries, Wages, Fringes expenses incurred by KVRTA for transit service in the KVRTA service area.

**Purchase 30 ft. & 35 ft. Buses, FY 2020 - FY 2024,** Section 5307, 5339, &/or Other funds secured by KVRTA or State of West Virginia for the replacement and or expansion of existing fleet. Vehicles that will be replaced will, at the time of replacement, have met or exceeded FTA’s required useful life requirements. KVRTA has programmed the replacement of four (4) buses in FY 2022.

*Effect on TAM/PTASP* – the replacement of older fleet assets will improve the overall state of good repair and well as increase system reliability.

**Purchase < 30 ft. Buses, FY 2020 - FY 2024,** 5307, 5339, &/or other funds secured by KVRTA or State of West Virginia for the replacement and or expansion of existing fleet. Vehicles that will be replaced will, at the time of replacement, have met or exceeded FTA’s required useful life requirements. KVRTA will have 5 <30 ft. buses eligible for replacement in 2020 and has programmed the replacement of these buses with 5307 funding, with 5 more <30 ft. buses eligible for replacement in 2022.

*Effect on TAM/PTASP* – the replacement of older fleet assets will improve the overall state of good repair and well as increase system reliability.

**Purchase ADA Converted Lift Equipped Vehicles, FY 2020 - FY 2024,** Section 5307, 5339, &/or Other funds secured by KVRTA or State of West Virginia for the replacement and or expansion of existing fleet. Vehicles that will be replaced will, at the time of replacement, have met or exceeded FTA’s required useful life requirements. KVRTA has programmed the replacement of these vehicles as follows, utilizing 5339 funding: 3 vehicles in each of FY 2021, FY 2022, FY 2023 & FY 2024.

*Effect on TAM/PTASP* – the replacement of older fleet assets will improve the overall state of good repair and well as increase system reliability.

**Purchase Support Vehicle, FY 2020 - FY 2024,** Section 5307, 5339 or other funds for the replacement and or expansion of existing support fleet. Vehicles that will be replaced will, at the time of replacement, have met or exceeded FTA’s required useful life requirements. KVRTA has programmed the replacement of these vehicles as follows, utilizing 5339 funding: 1 vehicle FY 2021 & FY 2024.

*Effect on TAM/PTASP* – the replacement of older fleet assets will improve the overall state of good repair and well as increase system reliability.
Associated Capital Maintenance Items, Shop & Misc. Equipment, FY 2020 - FY 2024,  
Section 5307, 5339 &/or Other funds to be used for the replacement and or expansion of  
the Authority’s equipment inventory including but not limited to: spare engines, **new  
farebox system (FY2024)**, on bus video monitors, transmissions, tire re-grooving  
equipment continuation of the placement of Vehicle equipment and office equipment,  
copiers, phone systems, cash registers, money counting equipment, etc. to ensure the  
Authority operates in an efficient method. Specific items will be identified in grant  
applications based on needs.

**Misc. ADP Hardware and/or Software, FY 2020 - FY 2024,**  
Section 5307, 5339 &/or Other funds to be used for the replacement and or expansion of the Authority’s existing  
computer hardware and software systems including but not limited to: on bus video  
meters, network systems, printers, standalone computers, portable computers, fleet  
fueling systems, automated notification system for paratransit and other computerized  
systems in Administration, Operations and Maintenance Divisions.

**Passenger Shelters & Station Improvements, FY 2020 - FY 2024,**  
Section 5307, 5339 &/or Other funds secured by KVRTA or State of West Virginia for the replacement,  
renovation or expansion of the Authorities bus shelters and stations located throughout  
our service area. In FY 2018 KVRTA will continue the upgrading of passenger waiting  
areas by purchasing additional passenger shelters, benches and installing new signage  
throughout the system using both 5307 & 5339 funds.

**Misc. Renovations, FY 2020 - FY 2024,**  
Section 5307, 5339 &/or Other funds secured by  
KVRTA or State of West Virginia for renovation and maintenance of the facilities  
located at 1550 Fourth Avenue to ensure the facilities are kept up to code and provide a  
safe and efficient working environment. KVRTA has programmed funding annually for  
repairs and renovations to its existing facilities which were constructed in the 1950’s.  
Projects under consideration are improved lighting, replacement of doors, upgrading  
ventilation, installing catwalks on above ground fuel tanks, carpeting, painting facilities,  
etc. Specific items will be identified in grant applications based on needs.

**Purchase Surveillance & Security Equipment, FY 2020 - FY 2024**  
Section 5307, 5339 &/or Other funds for the replacement and or expansion of existing surveillance and  
security equipment currently employed by the Authority to ensure passenger and  
employee safety throughout the system. KVRTA has programmed funding annually for  
replacement cameras (on buses and in facilities), recording equipment upgrades to the  
security system, video monitors, possible installation of automated gates & entry doors.  
Specific items will be identified in grant applications based on needs.

**Misc. Communications Equipment, FY 2020 - FY 2024,**  
Section 5307 &/or Other funds to be used for the replacement and or expansion of the Authority’s existing  
communications equipment systems both on authority vehicles and in our facilities;  
included but not limited to radios, modems, routers, etc., and other communications  
devices to improve efficiencies and passenger amenities.