

## OTO RESPONSE TO U.S. DOT AND MODOT COMMENTS ON FY 2020-2023 TIP

### FHWA COMMENTS

#### PERFORMANCE MEASURES

1. Safety Targets (Pg. Biii) - The first sentences use the CY acronym. If this is the first use of the acronym, please consider spelling out as calendar year (CY).  
*This was fixed.*

#### STATUS OF PRIOR YEAR PROJECTS (C-I & C- II)

2. The City of Springfield (EN1803-18A3) and Battlefield (EN1513) bike/ped projects are shown in the current TIP with a status of reprogrammed to FY2019. Why are these two projects not shown in the table?  
*These were reprogrammed again. They have been added back to the table to clarify this.*
3. Greene County (GR1501) roadway project is shown in the current TIP with a status of reprogrammed to FY2019. Why is this project not shown in the table?  
*This was reprogrammed again. It has been added back to the table to clarify this.*
4. City of Springfield (SP1812-18) roadway project is shown in the current TIP with a status of reprogrammed to FY2019, 2020 and 2022. Why is this project not shown in the table?  
*As this project was reprogrammed into later years of the TIP, it is not included in the status table, as it would not be assumed complete yet.*

#### TRANSPORTATION ALTERNATIVES PROGRAM (PGS. EI & EII)

5. The presentation of information relative to eligible sponsors is a value-added addition to the OTO TIP. Nice job!  
*Thank you*

#### MODOT SPONSORED SCOPING AND ROADWAY PROJECTS

6. Several MoDOT scoping, bike/ped and roadway projects are shown as advanced construction (AC) projects. This is an observed change from the current TIP, that did not show known AC projects. The effort to show MoDOT AC projects in the FY2020-2023 TIP update is commended.  
*Thank you*

#### OPERATION & MAINTENANCE (PGS. H-X THRU H-XI)

7. The MoDOT O&M narrative describes O&O activities as the following:  
*This category includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs and pothole patching; mowing right of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals.*

When soliciting for LPA annual O&M cost estimates for locally owned federal-aid system lane miles, does OTO provide LPAs this description of basic maintenance activities for which the LPA is asked to develop their per lane mile cost estimate?

Yes, OTO has a flyer and form (the form is also available to fill-in online) that we provide to the LPAs. OTO staff also compares the provided information with the LPA's budgets. This was developed in response to comments on a previous TIP regarding this information. A copy of this flyer and form are attached.

8. The City of Nixa's per lane mile cost of \$10,382 is \$2,453 greater than the next highest LPA estimate (Ozark/\$7,929). The City of Nixa's FY2020 estimate is 6.1% greater than their FY2019 estimate (\$9,785) and 310% greater than their FY2018 cost estimate (\$2,530). OTO is encouraged to take steps to ensure that all LPAs are developing cost estimates for the same scope of O&M work.

OTO provides education to LPAs regarding the information used for calculating operations and maintenance expenses. Each jurisdiction is unique in their staffing and budgets. Budgets may also vary from year to year depending on O and M needs. The costs represent the information provided by the LPAs.

## FTA COMMENTS

No comment and thanks for inserting in the performance measures section.

## MODOT COMMENTS

### PERFORMANCE MEASURES

1. Recommend removing all the tables of targets since they are now in your MTP. Targets are NOT required in your TIP and will cause confusion down the road as you update them and they look different than the MTP.  
**Removed Target Tables from TIP as recommended.**
2. Revise text
  - a. Page B-iv (Remove)

OTO has not yet set all of the performance targets based on the National Goals, since the targets are not yet due.

As targets are set for the nationally prescribed performance measures, the Plan and TIP will continue to be amended to address them.

**Removed text as recommended**
  - b. Page B-vii (Revise)

The *Should this have MoDOT in front of it?* LRTP and STIP Prioritization processes  
**No, this is referring to OTO's process to prioritize locally available STIP funding**

In 2020, about 20 percent of funding is dedicated to *Asset Management Taking Care of the System*, though additional funds  
**Revised text as recommended**

## PROJECTS

1. 8S3173 – The current STIP has this project as AC and the draft TIP is not  
**This was changed in the TIP to AC**
2. 8Q3180 – Not in the TIP tool. Do we need to get it added?  
**Yes, this project was added as NX2001-20**

3. 8S3172 – This project is not AC in the STIP, but it's AC in the draft TIP  
Changed to STBG in the TIP to match the STIP
4. 8S3171 – The STIP shows STBG funds and AC. The draft TIP shows NHPP funds and no AC  
Changed TIP to match the STIP
5. 8P0605I – The STIP shows AC, NHPP and the draft TIP does not show AC  
Changed TIP to match the STIP
6. 8P0605J – The STIP shows AC, NHPP and the draft TIP does not show AC  
Changed TIP to match the STIP
7. 8S3092 – The prior cost in the draft TIP has \$9,800 and the STIP has \$5,000 - total project cost is off (\$766,800 in the draft TIP vs. \$762,000 in the STIP)  
Reduced TIP FY 2020 Engineering by \$4,800 as this is reflected in FY 2019. The difference was due to the differences in state and federal fiscal years.
8. 8P3096 – STIP and Draft TIP project cost is off...\$4,586 vs. \$4,611 – the prior cost amount is off  
Changed TIP to match the STIP
9. 8S0836 – STIP is AC and the Draft TIP is not  
Changed TIP to match the STIP
10. 8P3127 – STIP is AC and Draft TIP is not  
Changed TIP to match the STIP
11. 8S3153 – STIP doesn't match the draft TIP - the draft TIP has two STIP numbers listed which might make a difference in the cost amounts  
Yes, that would be the difference. We added to an existing TIP project when this project was added last year.
12. 8P3122B – The STIP shows AC and the draft TIP does not  
Changed TIP to match the STIP
13. 8S3188 – The STIP shows AC and the draft TIP does not  
Changed TIP to match the STIP
14. 0I3006O – STIP shows NHPP and draft TIP shows STBG  
Changed TIP to match the STIP
15. 8Q3181 – Need to tie to MO2104-19 and move MoDOT funding to FY 2021 from FY 2020  
This change was made so MO2104-19 in the TIP corresponds to 8Q3181 in the STIP.
16. 8I3191 – AC-State scoping project missing in TIP  
Added to TIP as MO2010-20

# OPERATIONS & MAINTENANCE IN THE TIP

The Transportation Improvement Program is required to include a financial plan that demonstrates how the TIP can be implemented, indicates resources from public and private sources that are reasonably expected to be made available to carry out the TIP, and recommends any additional financing strategies for needed projects and programs.

For the purposes of transportation operations and maintenance, the financial plan shall contain system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain federal-aid highways and public transportation.

## DEFINING OPERATIONS AND MAINTENANCE

“Operations and Maintenance” includes the salaries, materials, and equipment needed to deliver the roadway and bridge programs for a jurisdiction. This category includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs and pothole patching; mowing right of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals. Performing these activities requires employees; vehicles and other machinery; and materials such as salt, asphalt and fuel.

### Additional examples include:

Bridge Maintenance	Incident Response	Traffic Management
Customer Calls	Litter and Debris Removal	Traffic Signs and Signals
Dead Animal Removal	Mowing	Vegetation Control
Ditches/Drainage	Pavement Repairs and Sealing	Winter Operations
Driveway Maintenance	Permits	
Flood/Road Closures	Striping	

## MODOT

MoDOT provides maintenance costs to OTO as developed for the statewide transportation improvement program (STIP). OTO includes this costs and the accompanying assumptions in the TIP.

## TRANSIT

OTO uses information provided by City Utilities relating to the cost of operating and maintaining the public transit system.

## LOCAL JURISDICTIONS

OTO requests the cost for each operations and maintenance from each jurisdiction. By using reported total reported lane miles and the expected expenditures for operations and maintenance by the jurisdiction, OTO is able to calculate a per lane mile cost and apply that to the number of federal-aid lane miles in each jurisdiction.

THE FORM ON THE FOLLOWING PAGE WILL BE MADE AVAILABLE AS AN ONLINE SURVEY FOR EACH JURISDICTION TO COMPLETE.

# OPERATIONS AND MAINTENANCE

Please use information from the most current budget for your city/agency.

Jurisdiction \_\_\_\_\_

1. HOW MANY LANE MILES (TOTAL) ARE MAINTAINED BY YOUR CITY/COUNTY? IF UNABLE TO PROVIDE LANE MILES, THEN LIST CENTERLINE MILES.

<https://itstillruns.com/centerline-miles-vs-lane-miles-8721056.html>

Lane Miles \_\_\_\_\_

Centerline Miles \_\_\_\_\_

2. TRANSPORTATION BUDGET INFORMATION

Year of most recent budget \_\_\_\_\_

Total Budgeted Revenue \_\_\_\_\_

Sources of Revenue (i.e., sales tax, property tax, motor fuel tax, general revenue)

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3. TOTAL EXPENDITURES FOR TRANSPORTATION OPERATIONS AND MAINTENANCE - FROM YOUR CURRENT BUDGET

*This would include, in total, how much is budgeted for: salaries, fringe benefits, materials, and equipment needed to deliver the roadway and bridge maintenance programs. This includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs, and pothole patching; mowing rights of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals.*

**DO NOT INCLUDE CAPITAL IMPROVEMENTS SUCH AS OVERLAY RESURFACING, TIP PROJECTS, OR OTHER MAJOR ROAD/SIDEWALK PROJECTS.**

Total Transportation Operations and Maintenance Expenditures \_\_\_\_\_