

# **TwinCATS Road Project Prioritization System for the 2020-2023 Transportation Improvement Program. Adopted on September 17, 2018**

The following pages present a methodology to score projects submitted for consideration for TwinCATS' allocation of Surface Transportation Program (STP) dollars for the 2020-2023 Transportation Improvement Program (TIP).

This project prioritization system serves as a guiding document in project selection, but project selection will be made only after debate in an open and public process. A project selection subcommittee will recommend projects to the Technical Advisory Committee, who will then recommend projects to the TwinCATS Policy Committee. During the initial project selection process. The public will have an opportunity to inform project selection at each stage of the process. The ultimate authority for project selection still lies with the TwinCATS Policy Committee.

Each of these scoring categories corresponds to the relevant section on the TIP Application.

## **System Preservation (18 points possible total)**

### **a. PASER Rating (10 points possible)**

- 10 points if the most recent PASER rating is 3-4
- 8 points if the most recent PASER rating is 5-6
- 5 points if the most recent PASER rating is 1-2

### **b. Extension of Remaining Service Life (RSL) per MDOT's "Guidelines for Geometrics on Local Agency Project" (8 points possible)**

- 8 points if the project extends RSL by 15 years or more (4R project)
- 6 points if the project extends RSL by 10-14 years (3R Project)
- 4 points if the project extends RSL by 5 – 9 years (Preventative Maintenance)
- 2 points if the project extends RSL by 2-4 years (Preventative Maintenance)

## **Safety (7 points total possible)**

### **a. Expected Crash Reduction - Based on MDOT approved Crash Reduction Factors (5 points possible)**

- 5 points for reduction of 50% or more
- 4 points for a reduction between 40% and 49.9%
- 3 points for a reduction between 30% and 39.9%
- 2 points for a reduction between 20% and 29.9%
- 1 point for a reduction between 10% and 19.9%
- 0 points for a reduction between of less than 10%

**b. Addressing High Crash Location (2 points possible)**

- Based on the 5 yr. (2013-2017) total crashes per federal aid eligible road segment  
2 points if the number of crashes is 20% higher than MPO median (4 crashes or more)  
1 point if the number of crashes are within 20% of MPO median (2-3 crashes)  
0 points if the number of crashes is lower than 20% of the MPO median (0-1 crashes)

**Complete Streets (6 points possible total)**

**a. Complete Streets Policy (4 points possible)**

4 points if project meets the Complete Streets Policy

**b. Connectivity (2 point possible)**

2 points if the pedestrian and bicycle elements of the project connect to existing bicycle and pedestrian facilities or those that can reasonably expect to be completed during 2020-2023.

**Regional Connectivity (8 Points total possible)**

**a. Traffic Volume (5 points possible)**

- 5 points if ADT is more than 10,000 vehicles per day  
4 points if ADT is between 5,000 and 9,999 vehicles per day  
3 points if ADT is between 2,000 and 4,999 vehicles per day

**b. Functional Classification (3 points possible)**

- 3 points if project is located on a Principal Arterial  
2 points if project is located on a Minor Arterial  
1 point if project is located on a Major Collector

**c. Fixed Route Transit**

2 points if fixed route transit used the road.

**Strategic Planning & Investment (11 points possible)**

**a. Asset Management (3 points possible)**

3 points if the project is identified in an approved asset management plan.

**b. Local Planning Document (1 point possible)**

1 point if project is identified in another local planning document such as a master plan or a parks and recreation plan.

**c. Cross Jurisdictional Coordination (1 points possible)**

1 point if the project crosses jurisdictional boundaries (i.e. city to township) and it is arranged in such a way to be bid as a single project.

**d. Project Continuity (2 points possible)**

2 points if project continues resurfacing, reconstruction or Preventative Maintenance on segment of roadway adjacent to a resurfacing, reconstruction or Preventative project done during the 2017-2020 TIP cycle or through Rural Task Force funding. For example: if Colfax Avenue from May to Britain was resurfaced in 2015, a resurfacing project on Colfax from Britain to BL-94 would count as an adjacent segment.

**e. Additional Local Match (4 points total possible)**

4 points if agency is willing to provide 40% or more of the total construction cost in local match.  
2 point if agency is willing to provide 30% or more of the total construction cost in local match.  
An 18.15% minimum local match is **required** to proceed.

**f. Project Readiness (No Points)**

If the project requires relocation of utilities, purchase of ROW, or railroad crossing permits, these items must be addressed in the project schedule.

**g. Coordination with sewer and water projects (No Points)**

Prioritization of fiscal year if the project is coordinated with a planned sewer and/or water improvement in your community

**A grand total of 52 points are possible.**