

Surface Transportation Block Grant (STBG)

Traditional Program Application: Existing Roadways

| General Project Information | | | |
|--|--|---------|--|
| Project Name: | | | |
| Submittal Date: | | | |
| Lead Agency: | | | |
| Partner Agency/ies (if applicable): | | | |
| Project Type: | | | |
| Description of project in relation to the goals of the FAST Act and the LRTP (see instructions): | | | |
| | | | |
| Contact Person | | | |
| Name: | | Agency: | |
| Address: | | | |
| City, State, Zip: | | | |
| Phone: | | Email: | |

| Project Location | | | |
|--|------------|--------------|-------|
| <i>Attach a map of the project location.</i> | | | |
| Municipality: | | County: | |
| Roadway: | | | |
| Termini: | | | |
| (or) Intersection of: | | | |
| Project Budget | | | |
| <i>Use the table below to show the total project budget. Identify the fiscal year for STBG funding by using the drop-down menu. Engineering, right of way, and utility adjustments are not eligible for STBG funds and may not count toward a community's 30% local match requirement.</i> | | | |
| | | Fiscal Year: | |
| Category | STBG Funds | Local Funds | Total |
| Engineering: | | | |
| Right of Way: | | | |
| Construction (70/30): | | | |
| Utilities: | | | |
| Total: | | | |
| Right of Way | | | |
| Describe any right of way acquisition involved with the project: | | | |
| | | | |
| Utilities | | | |
| Describe any utility relocations involved with the project: | | | |
| | | | |

SELF-SCORED EVALUATION CRITERIA

Project scoring is divided into two sections. **Self-Scored Points** (max 60) are generated based on project information provided by the applicant in the spaces below. **Project Points** (max 40) will be awarded by the Review Subcommittee based on narratives submitted later in this document.

Safety

20 POINTS

Crash Rate (Maximum 10 Points)

Accident rates are normally expressed in terms of accidents per million vehicle miles (MVM) for roadway segments and accidents per million entering vehicles (MEV) for intersections. For purposes of comparison we will only be using the MVM calculation. The calculated crash rate is given a score based on AADT. For number of crashes, include all within logical termini for the project. Please use the three (3) most recent years of data available.

| | | | |
|--------------------|--|--------------------------------------|--|
| Number of Crashes: | | Average Annual Daily Traffic (AADT): | |
| Years of Data: | | Section Length: | |
| Crash Rate: | | | |

Use the Crash Rate calculated above and the table below to determine the projects Crash Rate score.

| AADT | Crash Rate | | | | | | |
|------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 20,000+ | < 2.0 | 2.00-3.99 | 4.00-5.99 | 6.00-7.99 | 8.00-9.99 | 10.0-12.0 | > 12.0 |
| 10,000 – 19,999 | < 1.00 | 1.00-1.99 | 2.00-2.99 | 3.00-3.99 | 4.00-4.99 | 5.00-5.99 | > 6.00 |
| 5,000 – 9,999 | < 0.50 | 0.50-0.99 | 1.00-1.49 | 1.50-1.99 | 2.00-2.49 | 2.50-3.00 | > 3.00 |
| 4,999 or less | < 0.25 | 0.25-0.74 | 0.75-1.24 | 1.25-1.74 | 1.75-2.24 | 2.25-2.75 | > 2.75 |
| Score | 0 | 1 | 2 | 4 | 6 | 8 | 10 |

Crash Rate Score (type in score from table above):

Crash Severity (Maximum 10 Points)

Input the number of fatal (Type K) and personal injury (Type A) in the logical project termini from the three (3) most recent years of available data. Formula details are included in the Instructions.

| | | | |
|------------------------------|--|-----------------------------------|--|
| Fatal (Type K) Crashes: | | Personal Injury (Type A) Crashes: | |
| Crash Severity Score: | | | |

Existing Conditions**15 POINTS****Average Daily Traffic (Maximum 8 Points)**

ADT is based on all vehicles traveling in all lanes through the intersection or corridor. Use the three most recent traffic counts available.

3-Year Average
Passenger ADT3-Year Average
Truck ADT:

3-Year Average Total ADT:

Use the 3-year average ADT calculated above and the table below to determine the project's score.

| Population | 3-YEAR AVERAGE ADT | | | | | |
|--|--------------------|------------------|------------------|------------------|------------------|----------|
| | < 1,999 | 2,000 – 3,999 | 4,000 – 5,999 | 6,000 – 7,999 | 8,000 – 9,999 | > 10,000 |
| Jurisdiction with >16,000 population | 0 | 1 | 2 | 4 | 6 | 8 |
| Jurisdiction with <16,000 population | 1 | 2 | 4 | 6 | 8 | |

Average Daily Traffic Score (type in score from table above):

Volume to Capacity Ratio (Maximum 7 Points)

Volume to Capacity Ratio (V/C) is the ratio of traffic volume to road capacity for a given segment of roadway. V/C is to be calculated using average daily traffic (ADT) and listed roadway capacity. Data is to be based off of the most recent traffic count and corresponding roadway capacity. A V/C of 1.0 indicates that a roadway is being used to its full capacity. A V/C of less than 1.0 indicates a road is under capacity, while a V/C greater than 1.0 indicates that a roadway is over capacity.

Most Recent ADT:

Road Capacity:

V/C Ratio:

**Volume to Capacity
Ratio Score:**

Multi-Modal

20 POINTS

These criteria are used to reward projects that promote convenient intermodal connections between all elements of transportation systems to achieve a seamless travel network which incorporates pedestrian, bike, and transit access; as well as one that maintains efficient, balanced multimodal transportation systems within the urbanized area. Proposed designs for pedestrian and bicycle facilities should reflect surrounding traffic volumes, patterns, speed, and number of access points. For guidance consult the FHWA's *Priorities and Guidelines for Providing Places for Pedestrians to Walk Along Streets and Highways*, FHWA (1999).

| Pedestrian Accommodations (Maximum 5 Points) | |
|---|--|
| Please provide a brief description of the project's pedestrian accommodations. | |
| | |
| Select all that apply. | |
| <ul style="list-style-type: none"> Pedestrian amenities, e.g. benches, bump-outs, pedestrian refuges (1 point) New sidewalks (1 point) Pedestrian-activated signals and crosswalks (1 point) Right-of-way preservation for future pedestrian improvements (1 point) Upgraded ADA compliance to existing sidewalks beyond FHWA requirements (1 point) | |
| Pedestrian Accommodations Score: | |

Bicycle Accommodations (Maximum 5 Points)

Please provide a brief description of the project's bicycle accommodations.

Select all that apply.

- Multi-use path or on-road bicycle lane (3 points)
- Connection to existing bicycle infrastructure (1 point)
- Bicycle signage installation (1 point)

Bicycle Accommodations Score:

Transit Accommodations (Maximum 5 Points)

Please provide a brief description of the project's transit accommodations.

Select all that apply.

- Provides modal choices for the disabled, aging, and/or low-income populations (2 points)
- Route includes existing or planned transit services (2 points)
- Route includes transit infrastructure such as shelters or signage (1 point)

Transit Accommodations Score:

Freight Accommodations (Maximum 5 Points)

Per FHWA guidelines, an intermodal freight facility is a site where freight is conveyed from one mode of freight transportation to another. Examples include water/port to rail or highway movements, and truck/rail interfaces.

Please provide a brief description of the project's freight accommodations.

| |
|--|
| |
|--|

Select all that apply.

Roadway serves an intermodal freight facility within one quarter mile (5 points)

Freight Accommodations Score:

| |
|--|
| |
|--|

Sustainability

5 POINTS

Stormwater Management (Maximum 2 Points)

Permeable paving is a range of sustainable materials and techniques for permeable pavements with a base and subbase that allow the movement of stormwater through the surface. Bioswales are landscape elements designed to remove silt and pollution from surface runoff water. They consist of a swaled drainage course with gently sloped sides (less than 6%) and filled with vegetation and/or compost. When used together or separately, both lessen the impact of stormwater runoff created by a roadway surface.

Provide a brief description of the project's stormwater management.

Select all that apply.

The project includes permeable paving and/or bioswales (2 points)

Stormwater Management Score:

Roundabout and/or Road Diet (Maximum 3 Points)

A roundabout is a type of circular intersection or junction in which road traffic flows almost continuously in one direction around a central island. A road diet is a technique whereby the number of travel lanes and/or effective width of the road is reduced in order to achieve systemic improvements, such as lower traffic speeds, increased safety, and additional space for pedestrian/bicycle accommodations.

Provide a brief description of the project's roundabout and/or road diet.

Select all that apply.

The project includes a roundabout and/or a road diet (3 points)

Roundabout and/or Road Diet Score:

PROJECT POINTS CRITERIA

Each project is evaluated independently in all five categories by a small committee. Each of the five categories may receive a maximum of eight points: eight points if they showed Major Significance, four points if they showed Some Significance and 0 Points if they showed Minimal Significance.

Regional Significance

40 POINTS

Use the boxes to respond to the five prompts. If you need more space, attach a PDF or Word document with your entire response(s).

Regional Connector (Maximum 8 Points)

Connects communities or major roads, resulting in efficiency gains and cooperation

To be considered a municipal connector, the project must serve as a primary route between two municipalities. To be considered a major road connector, the project must serve as one of the primary links between major roads which may include state or US routes (arterial routes).

Employment Center (Maximum 8 Points)

Improves movement of workers and shopping patrons

If a major employment or shopping center is present within the project limits, or if the project serves as a major connector to an employment or shopping center, points will be awarded. Employment centers include major commercial retail areas, shopping malls, office parks, factories, and industrial areas.

Transportation Facilities (Maximum 8 Points)

Improves area access and/or connectivity to a major facility for air, freight, barge, or truck routes

If the project serves as a primary route for heavy vehicles or other freight, points are awarded. Points are also awarded if the project limits contain major transportation facilities such as trucking companies, transit centers, airports, intermodal terminals, bus yards, and so on.

Public Facility (Maximum 8 Points)

Improves area access and/or connectivity to a school, hospital, or other major public place

If public facilities are present within the project limits, or if the project serves as a major connector to a public facility, points are awarded. Facilities may include schools, medical centers, parks, nursing homes, churches, libraries, and so on.

Project Phasing Continuity (Maximum 8 Points)

Supplements existing or funded projects

If the project is a supplementary phase of a project previously funded through STU/STBG or other State or Federal funds, points are awarded.

Congratulations! You have completed the TCRPC STBG FYs 2025-2026 Traditional Program Existing Roadways application for your project. A summary of your submission is on the following page. Your project's total score will be calculated once the Review Committee assigns Project Points.

Submission Summary for

| Funding | | | |
|---|-----------------------------|----------------------------|--------------|
| Category | STBG Funds | Local Funds | Total |
| Engineering: | | | |
| Right of Way: | | | |
| Construction: | | | |
| Utilities: | | | |
| Total: | | | |
| Total Request: | | | |
| Self-Scored Points | | | |
| Criterion | Max Points Available | This Project Scored | |
| Crash Rate | 10 | | |
| Crash Severity | 10 | | |
| Average Daily Traffic | 8 | | |
| Volume to Capacity Ratio | 7 | | |
| Pedestrian | 5 | | |
| Bicycle | 5 | | |
| Transit | 5 | | |
| Freight | 5 | | |
| Stormwater Management | 2 | | |
| Roundabout or Road Diet | 3 | | |
| Self-Scored Subtotal | 60 | | |
| Project Points (Assigned by Review Subcommittee) | | | |
| Regional Connector | 8 | | |
| Employment Center | 8 | | |
| Transportation Facilities | 8 | | |
| Public Facility | 8 | | |
| Project Phasing Continuity | 8 | | |
| Project Points Subtotal | 40 | | |
| Final Score | | | |
| Total | 100 | | |

When you are pleased with your application you may save the document, click the button below, and follow the instructions to submit it to TCRPC staff.

Alternatively, you may save this document and email it to stbg@tricountyrpc.org.