

Application for CRTPO Discretionary Funding Fall 2019

* Required

New Projects: Bicycle - Pedestrian

Complete the following questions to request funding for a new bicycle or pedestrian facility project.



**1. Does the project provide access to destinations of interest?
 Select a maximum of six destination types from the Criteria
 Scoring Guide (multiple locations of the same destination type
 may be selected).**

Trip Generation & Connectivity - High, Moderate, Low Interest Destinations

| | 0 Locations | 1 Location | 2 Locations | 3 Locations | 4 Locations | 5 Locations | 6 Locations |
|-----------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Town Center (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Mixed Use Center (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Major Employment (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Transit Center (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| School within 1/2 Mile (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| University/College (5 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| MultiFamily Development (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Park-n-Ride Lot (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Light Rail Stop/Transit Station (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Park (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Greenway (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Bus Stop Community Scale (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Retail Center (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Religious/Civic Center (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Unique Destination | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |



(qualify "uniqueness") (3 Pts)

| | | | | | | | |
|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Health Care (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Library (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Healthy Food Option (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Hotel (3 Pts) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Low-Density Single Family (1 Pt) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Privately Accessible Property (1 Pt) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Bus Stop Neighborhood Scale (1 Pt) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Rural Road Bike Route (1 Pt) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2. Can above destination(s) be accessed by pedestrian or bicycle modes? How far away is the destination for a pedestrian or bicyclist? Multiply individual destination scores (above) by their respective accessibility multipliers (table below) based on primary travel mode, and enter the total scores. *

Applicants may use the online resource mapping, <http://www.crtpo.org/resources/transportation-alternatives-program>

Your answer

Accessibility Multipliers Table

| Multiplier | 1 | 0.8 | 0.6 | 0.4 | 0.2 | 0 |
|-----------------------------|----------|------------|-------------|------------|-------------|--------|
| Pedestrian Distance (miles) | 0 - 0.25 | .26 - 0.5 | 0.51 - 0.75 | 0.76 - 1.0 | 1.01 - 3.0 | 3.01+ |
| Bicycle Distance (miles) | 0 - 1.0 | 1.01 - 3.0 | 3.01 - 5.0 | 5.01 - 7.5 | 7.51 - 10.0 | 10.01+ |



3. If applicable, does the facility provide the most direct, safe, and feasible route from origin to destination? *

Trip Generation & Connectivity - Directness

Yes (5 Pts)

No (0 Pts)

4. Does the project connect to an existing non-motorized transportation facility/facilities? If so, how many connections are made? *

Trip Generation & Connectivity - Connections to Existing Facilities

3+ Connections (15 Pts)

2 Connections (10 Pts)

1 Connection (5 Pts)

0 Connections (0 Pts)

5. Has the project been identified through a previous/existing planning effort or policy? Examples may include: Transportation Plans (LRTP, MTP, TIP, bicycle/pedestrian plan, other locally adopted transportation plan); Land Use or Comprehensive Plan; Recreation Plan; or Economic Development Plan. *

Trip Generation & Connectivity - Public Significance

Regional Scope Crossing county boundaries (6 Pts)

County or Municipal Scope (5 Pts)

None (0 Pts)



6. Select the following plans in which this proposed project is identified as a recommendation to improve an aspect of a transportation deficiency.

Trip Generation & Connectivity - Identify Adopted Plans

- CRTPO's 2045 MTP
- Capital Improvement Program (CIP)
- Small Area Plan
- CRTPO's Transportation Improvement Program (TIP)
- CRTPO's Comprehensive Transportation Plan (CTP)
- Other:

7. Does the project include desirable amenities? Desirable amenities include, but are not limited to: seating; bicycle racks; repair stands; landscaping; unique way-finding; public art; pedestrian scale lighting; "fitness stations." One point per amenity type (10 pt max). *

Trip Generation & Connectivity - Place-Making Amenities

Your answer

8. Is there a worn path (goat path), pre-existing facility, high volume of cyclists or pedestrians along a roadway, or a documented community request? Please indicate results of any community outreach or community request. *

Trip Generation & Connectivity - Demonstrated Need/Desire

- Yes (7 Pts)
- No (0 Pts)



9. Are there documented safety challenges associated with this project? Examples of documented safety challenges may include, but are not limited to, recorded crash data of any severity or a posted speed limit. *

Safety - Documented Safety Challenge

- Yes (10 Pts)
- No (0 Pts)

10. Does the proposed project reduce the exposure between motor vehicles and vulnerable humans? Reduced exposure should take the form of a physical barrier or defined space. Examples include, but are not limited to: off-road greenway, pedestrian refuge island, bike boulevard separated by a vertical structure, or buffered sidewalk (buffered curb or ditch cross-section). Examples include, but are not limited to: striped bike lanes, back of curb sidewalks, crosswalks. *

Safety - Reduce Human Exposure

- Physical Separation/Barrier (10 Pts)
- Defined Space (5 Pts)
- No Reduced Exposure (0 Pts)

11. Does the proposed project design encourage traffic calming or vehicle lane narrowing, as advanced by the National Association of City Transportation Officials (NACTO)? *

Safety - Traffic Calming (Reference NACTO Guidelines, available at <http://crtpo.org/transportationalalternativesprogram>)

- Yes (5 Pts)
- No (0 Pts)



12. What is the AADT of affected roadway facilities from which exposure would be reduced? *

Safety - Vehicle Traffic (Reference online mapping resources, available at <http://crtpo.org/transportationalalternativesprogram>)

- 40,000+ (20 Pts)
- 35,001 - 40,000 (19 Pts)
- 30,001 - 35,000 (17 Pts)
- 25,001 - 30,000 (15 Pts)
- 24,001 - 25,000 (13 Pts)
- 22,001 - 24,000 (12 Pts)
- 20,001 - 22,000 (11 Pts)
- 18,001 - 20,000 (10 Pts)
- 16,001 - 18,000 (9 Pts)
- 14,001 - 16,000 (8 Pts)
- 12,001 - 14,000 (7 Pts)
- 10,001 - 12,000 (6 Pts)
- 8,001 - 10,000 (5 Pts)
- 6,001 - 8,000 (4 Pts)
- 4,501 - 6,000 (3 Pts)
- 3,001 - 4,500 (2 Pts)
- 2,001 - 3,000 (1 Pt)
- Less than 2,000 (0 Pts)



Not Applicable

13. Will this project result in reducing vehicle miles traveled locally? 1. Estimate the daily usership / number of vehicles affected (list factors considered). 2. Measure roadway miles impacted. 3. Multiply usership by roadway miles to determine vehicle miles reduced *

Health & Environment - Emission & Pollutant Reduction (Vehicle Mile Reduction)

Your answer

14. Does the project provide access (direct or adjacent contact) for environmental justice (EJ) populations? Reference the most current CRTPO EJ Concentration mapping, which identifies geographically based concentrations of racial, carless, and low-income populations. *

Health & Environment - Environmental Justice (EJ Concentration mapping can be viewed using the online mapping tool at <http://crtpo.org/transportationalternativesprogram>)

High Impact (10 Pts)

Moderate Impact (5 Pts)

Low Impact (2 Pts)

No Impact (0 Pts)

15. Does the project include significant benefits which address wildlife safety, water quality, or other improvements? Examples may include, but are not limited to, impervious surfaces, rain gardens, and routing to avoid wildlife habitats. *

Health & Environment - Environmental Quality

Yes (5 Pts)

No (0 Pts)



16. Completion Date of Planning/Environmental Document:

Project Schedule - PE

Date

mm/dd/yyyy

17. Start Date of Right-of-Way Acquisition

Project Schedule - ROW

Date

mm/dd/yyyy

18. Let Date (Opening for Bids)

Project Schedule - CON

Date

mm/dd/yyyy

19. Project Completion Date

Project Schedule - CON

Date

mm/dd/yyyy

20. Preliminary Engineering/Design Total Estimated Cost: *

Budget - Project Phases (NOTE: The completion of the Budget questions does not fulfill the separate requirement to submit a detailed cost estimate and Attachment 1A, found at <http://www.crtpo.org/crtpo-discretionary-projects>)

Your answer

21. Right-of-Way Acquisition Total Estimated Cost: *

Budget - Project Phases

Your answer



22. Construction Total Estimated Cost: *

Budget - Project Phases

Your answer

23. Select the percentage of other funding your municipality has committed to support the project. *

Budget - Match

- 20-24%
- 25-30%
- 31-49%
- Greater than 50%

24. State the source(s) and amount(s) of local match. *

Budget - Match (i.e. General fund, Town of X, CIP: \$X)

Your answer

25. State the total amount of match that is committed. *

Budget - Match (Must match the amount identified in the letter of local commitment and be consistent with the responses provided above.)

Your answer



26. Select the contingency percentage calculated for this project budget. *

Budget - Contingency

- 40% - No preliminary engineering/design completed
- 30% - Preliminary engineering/design complete, but right-of-way not acquired
- 25% - Preliminary engineering/design complete and right-of-way acquired

27. Provide the contingency amount included in the project budget. *

Budget - Contingency

Your answer

28. Provide the Construction Engineering Inspections (CEI) amount included in the project budget. *

Budget - CEI (Note: Preliminary Engineering and CEI cost percentages include the applicable NCDOT Administrative Fees.)

Your answer

29. State the total project cost.

Budget - Total Cost

Your answer

30. State the amount of CRTPO Discretionary funds being requested. *

Budget - Request Amount - Total

Your answer



31. State the amount of the funding request that will be used for Preliminary Engineering/Design. *

Budget - Request Amount - Project Phases

Your answer

32. State the amount of the funding request that will be used for Right-of-Way Acquisition. *

Budget - Request Amount - Project Phases

Your answer

33. State the amount of the funding request that will be used for Construction. *

Budget - Request Amount - Project Phases

Your answer

34. Select the applicable range for the amount being requested for the project. *

Feasibility & Cost - Funding Requested

- \$250,000 - \$800,000 (Project administration costs outweigh benefits) (5 Pts)
- \$800,001 - \$1,200,000 (Most cost effective) (20 Pts)
- \$1,200,001 - \$2,000,000 (Limiting funding for additional cost effective projects) (10 Pts)
- \$2,000,001+ (Severely limiting available funding for additional projects) (0 Pts)



35. Has right-of-way already been acquired or dedicated through the appropriate process, specifically for use by the proposed project? *

Feasibility & Cost - Right-of-Way Acquired/Available

- 76 - 100% (15 Pts)
- 51 - 75% (10 Pts)
- 21 - 50% (5 Pts)
- 0 - 20% (0 Pts)

36. What is the combined Connectivity, Safety, and Environmental benefit of this project per dollar spent? Determining this score will first require the applicant to complete scores for the Trip Generation & Connectivity, Safety, and Health & Environment evaluation categories. *

Feasibility & Cost - Cost Benefit (Use the calculation method shown below.)

- 2.1 or Higher (High Cost Benefit) (15 Pts)
- 0.81 - 2.0 (Desirable Cost Benefit) (10 Pts)
- 0.4 - 0.8 (Moderate Cost Benefit) (5 Pts)
- 0.4 or Lower (Poor Cost Benefit) (0 Pts)

Combined Cost Benefit Calculation

$$\text{Cost Benefit} = \frac{\text{Sum (Trip Generation \& Connectivity Scores + Safety Scores + Health \& Environment Scores)} * 10,000}{\text{Funding Amount Requested (Dollars)}}$$



37. Attachments provided to support application: *

Attachments - Checklist (Email attachments to nburke@charlottenc.gov. In "Other" section, list pertinent project documentation submitted that relates to responses given in the application, including road safety audits, local crash reports, and local crash data.)

- Budget Attachment 1A (<http://www.crtpo.org/crtpo-discretionary-projects>) - Required
- Cost estimate prepared by qualified professional (no more than 6 months old) - Required
- Map attachments (Shapefiles with metadata) - Required
- Letter from jurisdiction confirming local match - Required
- Letters of support
- Other:

A copy of your responses will be emailed to the address you provided.

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