

Transportation Project Proposal Form

Contact Information

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Transportation Project Information

Name/Title of Project Page's Corner Roundabout

Please select the project type(s):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Highway Improvements (operational improvements, access management, intelligent transportation systems, widening, technology operation improvements) | <input type="checkbox"/> Planning Studies (corridor studies, network studies, pedestrian/cyclist safety studies, road diets) |
| <input type="checkbox"/> Asset Management (bridge rehabilitation, bridge replacement, pavement repair/replacement) | <input type="checkbox"/> Infrastructure-related Travel Demand Management (park & ride lots, transit infrastructure, priority signalization, bus shelters, intermodal transportation centers) |
| <input type="checkbox"/> Bicycle and Pedestrian Improvements (sidewalks, bike trails, multi-use paths, traffic calming improvements) | |

Where is this project located? *(road names, nearby facilities/landmarks)*

The intersection of State Routes 77 and 13; see attached Google Earth imagery and CAD drawings.

What is the scale of this project? *(please provide approximate measurements in feet; you can use*

Google Maps measuring tool to estimate distances)

300' +/- Circumference (Google Earth snapshot attached).

Purpose, Need, and Scope

Please provide the Purpose Statement for this project.

ex: "The purpose of this project is to support increased non-motorized activity by addressing safety issues resulting from unsafe vehicle speeds and inadequate protections for pedestrians on Main Street between 1st and 2nd Street."

The purpose of this project is to advocate for a long-term traffic safety solution at the Page's Corner intersection through the construction of a roundabout. High traffic volume at the intersection, combined with the unique three-way stop configuration, contributes to a dangerous and oftentimes confusing traffic pattern.

Please provide the Need Statement for this project.

ex: "The section of Main St between 1st Street and 2nd Street is unsafe for pedestrians. This section is in the center of the city's commercial district concentrated with jobs and small businesses. In the past 5 years there have been 15 crashes in this section of Main St: two resulted in serious injuries to pedestrians and one resulted in a pedestrian fatality. Continued local economic development depends on increased walkability and safety for pedestrians."

The construction of a roundabout at the intersection can help reduce motor vehicle crashes that result in death, personal injury and/or property damage, reduce driver confusion and dangerous driving behaviors, and improve overall traffic flow. The Dunbarton Police Department patrols the intersection as time allows for dangerous driving behaviors such as speeding, stop sign violations and failure to yield the right-of-way. These behaviors would be reduced with a roundabout present. A roundabout would also proactively reduce the chances of collisions involving serious bodily injury or death from occurring at the intersection.

Please outline the project scope.

ex: "Install pedestrian crossings on Main Street at 1st and 2nd street intersections and at mid-block, including pedestrian refuge medians, other streetscaping and traffic calming infrastructure."

A long-term and sustained traffic safety improvement to the intersection would be the construction of a roundabout. Conceptual plans and cost estimates from our 2018 Ten Year Plan submission are attached.

Please provide any additional information about this project. (local knowledge/insight, relevant studies/data, infrastructure needs, etc.)

On the local level, there is a concern and frustration regarding the current configuration of the intersection; many individuals have had "close calls." Although unable to be quantified for the purposes of this proposal, the experiences are certainly plentiful and common as evidenced by the turnout at the 2018 public hearing and the general reputation of the intersection.

Supplementary Information

Please note that these questions are not required to make an initial submission. If you are not able to provide answers to some or all of these questions at this time, please leave the question(s) blank and CNHRPC staff will reach out to provide assistance.

How involved has the public been in this project proposal so far?

(please make note of any dates, agenda items, minutes from public meetings, and decisions influenced by public involvement)

A public hearing was held on November 15th, 2018 to discuss the intersection and the Road Safety Audit ("RSA") submitted by the NH Department of Transportation ("DOT") to the Town of Dunbarton ("Town"). A copy of the Town's November, 2018 response letter to the DOT is attached and contains a summary of traffic safety recommendations that were made at the public hearing.

Are there opportunities for further public discussion of this project in the near future?

Feedback regarding the intersection is always welcome and accepted through formal and informal methods.

Will the project be managed locally?

No; the roads in question are maintained by the State of New Hampshire.

What alternative options or methods have been considered to address this need and what makes this project proposal the best option?

Several short-term solutions were offered in the Road Safety Audit completed in 2018. The RSA also suggested the long-term solution of constructing a roundabout. Suggestions provided by the Town to the DOT following the public hearing are summarized in a DOT response letter received by the Town in March, 2019. Please see attached.

Please provide evidence supporting this project, including letters of support.

(review list of documents, letters of support, data sources, plans, guidance, maps, etc. that will serve as sources of information to bolster the application; please note what and where you are referencing from)

Crash data from 2007-2017 is attached. A manual search of our records from 2018, 2019, and 2020

(thru 9/9/2020) revealed the following crash data:*

2020: 7

2019: 2

2018: 4

*Includes all reported crashes involving single or multiple vehicles, injuries or no injuries, property damage, or a combination thereof, at or in the vicinity of Page's Corner.

Submission

Please return this form to CNHRPC at: 28 Commercial St, Suite 3, Concord NH 03301 or by e-mail to Dean Williams at dwilliams@cnhrpc.org . Please attach any relevant documents, maps, cost estimates, and data to this project along with the form that you have:

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|---|--|--|
| <input type="checkbox"/> Local Plans/Master Plans | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Bike/Pedestrian Surveys |
| <input checked="" type="checkbox"/> Cost Estimate | <input type="checkbox"/> Transit Operator Data | <input type="checkbox"/> Project Scope |
| <input checked="" type="checkbox"/> Local Police Crash Data | <input type="checkbox"/> Development Studies | <input checked="" type="checkbox"/> Conceptual Designs |