



CONNECTICUT DEPARTMENT OF TRANSPORTATION BICYCLE AND PEDESTRIAN TRAVEL NEEDS ASSESSMENT FORM (BPTNA)



In accordance with Connecticut General Statutes, Section 13a-153f, Accommodations and Provisions of Facilities for All Users and the Department's Policy Statement No. EX.0-31, It is the policy of the Department to consider the needs of all users of all abilities and ages (specifically including pedestrians, bicyclists, transit users, and vehicle operators) in the planning, programming, design, construction, retrofit and maintenance activities related to all roads and streets as a means of providing a "safe, efficient transportation network which enhances quality of life and economic vitality." Therefore, the need for inclusion of accommodations specifically for bicyclists and pedestrians, including those with disabilities, must be reviewed for **every** project.

This form shall apply to all Department projects, mainline utility projects within the state right-of-way, the Office of the State Traffic Administration (OSTA) certificate applications receiving state or federal funding, and municipal transportation projects that receive state or federal funding. This form provides designers the documentation and information needed to make decisions on the need and extent of bicycle and pedestrian features that should be included in a project. This form is not intended to dictate what features should be included in a project design, as guidance on those questions can be found in numerous other reference documents. This form should be completed to the extent practical (at least Sections 1 & 2) during the project scoping phase and finalized by the completion of the Preliminary Design. Once signed, this form should be retained with the project documents.

Project Number(s):		Route(s):	
Project Name:			
Municipality(s):		Planning Region(s):	

SECTION 1: APPLICABILITY

Although bicycle and pedestrian accommodations should be considered for all projects, certain types of projects (e.g. bridge deck patching, culvert re-lining, projects on expressway mainlines) do not typically provide reasonable opportunity to provide improvements for these travel modes. Considering the project type answer the question below. If the question below is answered **no**, please explain why, then skip to the last page, sign the form, and file this form with the project documents. If the answer is **yes**, go to Section 2 and complete the rest of the form.

Does this <u>project type</u> provide reasonable opportunity to provide improvements for non-motorized access?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If no, why?		

SECTION 2: ASSESSMENT OF STUDY AREA

2.1 Study Area Map

Identify any non-motorized and/or transit generators located within the Study Area (Study Area is generally defined as approximately ½ mile radius from the project limits). Using the letters in the code column below, create a map from a location plan or aerial photograph indicating the location of existing or planned non-motorized or transit user generators identified below (for planned facilities, precede the letter with a P-).

Non-Motorized/Transit User Generators	Code
<u>Residential Areas:</u> Indicate any general areas of dense residential housing	R
<u>Parks:</u> Include areas that would attract people, whether officially designated as a park or not	P
<u>Recreational Areas:</u> Examples include athletic fields, dog parks	RA
<u>Religious Facilities</u>	C
<u>Schools (including public and private schools, colleges, universities, daycare or other educational institution)</u>	S
<u>Health / Medical Facilities</u>	H
<u>Town Centers:</u> typically would include areas where Town Halls, Libraries and other public facilities exist	TC
<u>Shopping Centers:</u> especially centers with businesses where non-motorized customers might be expected (restaurants, bookstores, drug stores, etc.)	M
<u>Large Employment Businesses:</u> Factories, large office buildings, hospitals, government offices	E
<u>Bus Stops</u>	B
<u>Public Transit Facilities:</u> train/bus stations, airports	T
<u>Shared-use trail access / parking</u>	TA
<u>Other:</u> other known facilities expected to generate or attract non-motorized users _____	O

2.2 Analysis of Study Area

Using the map prepared in Section 2.1, and the resources suggested below, answer the following questions about the study area. **[For State/District-wide or Division of Traffic Engineering projects with many locations use the “Multi-location BPTNA Table” at: https://portal.ct.gov/DO/PP_Policy/Documents/BikePed_Dashboard to answer questions marked with an (*)]**

Explain as needed (attach additional sheet(s) if needed)

a. * Referencing the CTDOT Interactive Bike Map located at: http://www.ctbikepedplan.org/interactivemap.html is this project located on the Connecticut Statewide On-Road or Off-Road Bicycle Planning Network?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
b. * Have all existing bicycle, pedestrian and transit features within and just beyond the project limits (such as: features and ADA accessibility of existing bus stops, sidewalks, shoulder widths, bicycle markings/signs, shared-use paths, etc.) been identified and assessed for condition and need? (If assistance is needed identifying Transit requirements a request can be sent to: DOT.PTransBikePed@ct.gov)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
c. * Are there any areas of concern where physical impediments to non-motorized travel through the study area exist? Physical impediments can be excessive grade, limited width of roads/bridges, gaps or need for sidewalks (indicated by worn foot paths), utility poles or other appurtenances restricting access, etc.	Yes <input type="checkbox"/> No <input type="checkbox"/>	
d. * Is there any reason to anticipate an increase in travel by non-motorized and /or transit users through the project limits in the future?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
e. * Based on the U.S. Access Board’s Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) , are there barriers to mobility inhibiting continuous access between schools, hospitals, senior care, or community centers, etc. for persons with disabilities that cannot be addressed in this project?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
f. * Is there a pattern of bicycle or pedestrian crashes within the project area? Crash information can be found by accessing the UCONN Crash Repository at (https://www.ctcrash.uconn.edu/).	Yes <input type="checkbox"/> No <input type="checkbox"/>	

<p>g. Does the project provide <u>unique or primary access</u> (defined as access which is not otherwise available within approximately one-half mile of the project) :</p> <ul style="list-style-type: none"> • across a river, highway corridor or other natural and/or man-made barrier? • into or out of any of the bicycle and pedestrian generators listed above? • between communities? 	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>h. Is the project located near or provide new access or connectivity to state parks, forests or CT Designated Greenways? Information on State Parks, Forests and Greenways can be found at: http://www.ct.gov/deep/cwp/view.asp?a=2707&q=323852 and http://www.ct.gov/deep/parkmaps If yes, please notify the Trails and Greenways Program Coordinator at the Department of Energy & Environmental Protection, State Parks Division, by sending a location and description of the project to: deep.stateparks@ct.gov. This is for notification and not intended to be a formal review and /or concurrence.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>i. In accordance to the Complete Streets Policy, the Department will include non-motorized users in traffic counts to the extent possible. Has the existing pedestrian and/or bicyclist usage patterns within the project limits, particularly at intersection and midblock crossings, been observed / collected?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>j. Has there been any documented public concern or comments about non-motorized and/or transit needs in the area?</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>k. Are there any comprehensive regional or local planning documents (such as Complete Streets Plan, Sidewalk Plan, Plan of Conservation & Development, etc.) that address bicyclists, pedestrian or transit user conditions within or proximate to the project limits? (Can usually be found on applicable website) Contact the RPO Coordination or Intermodal Planning units in the Bureau of Policy and Planning if assistance is needed.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	

SECTION 3: NON-MOTORIZED AND TRANSIT ACCOMMODATIONS

Identify any non-motorized and/or transit user accommodations/improvements that may be considered as part of this project. This section is provided as a list of countermeasures that may be appropriate and is not intended to dictate what features should be included in the project design. **[For State/District-wide or Division of Traffic Engineering projects with many locations answer this section by considering all sites as if they were one location]**

3.1 Pedestrian Facilities and Crossing Treatments		3.2 Bike Facilities (Cont.)	
a. New sidewalks	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	e. Signage and/or pavement markings	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
b. Pedestrian median crossing island	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	f. Bicycle parking, bike racks/lockers	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
c. Curb extension/bulb-outs	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	g. Trail Improvements, including parking	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
d. Reduced Corner Radius	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	h. Special height railings	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
e. Pedestrian bridge/tunnel	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	3.3 Bike & Pedestrian Treatments	
f. New or relocated unsignalized or mid-block crossing	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	a. Road diet	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
g. Enhanced illumination at pedestrian crossings	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	b. Narrowing travel lane width	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
h. Pedestrian signing and yield lines	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	c. Corridor-wide speed calming	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
i. Parking restrictions near crossings	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	3.4 Transit Facilities	
j. Pedestrian hybrid beacon [PHB; also known as the High intensity Activated crossWalk (HAWK)]	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	a. New or revised bus stops	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
k. Rectangular rapid flashing beacon (RRFB)	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	b. Bus shelters	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
l. Pedestrian fencing on bridges	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	c. Standing pads	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
		d. New or revised crossing for bus stop	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
		3.5 Streetscape Elements	
3.2 Bike Facilities		a. Landscaping, street trees, planters, buffer strips, etc.	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
a. Dedicated bike lane or cycle track	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	b. Decorative lighting	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
b. Shared-used lanes	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	c. Public seating or benches	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
c. Shared-used path	Yes <input type="checkbox"/> N/A <input type="checkbox"/>	3.6 Other (please specify):	
d. Wider shoulders	Yes <input type="checkbox"/> N/A <input type="checkbox"/>		

Once completed this form should be signed, attached to the Preliminary Design Statement, and filed with the project documents in ProjectWise. If the answer to the question under Section 1 "Applicability" is "Yes", please email the link to the completed form in ProjectWise (or a PDF copy) to:

CTDOT.BikePedReviews@ct.gov. Comments will be provided if necessary however, designers are not required to obtain concurrence to move forward with design. This form will be maintained and periodically updated by the Office of Strategic Planning & Projects in the Bureau of Policy & Planning.

Prepared By:

Project Engineer - Print Name

Signature

Date: _____

Approved By:

Project Manager - Print Name

Signature

Date _____