

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

For Office Use Only

EEA#: _____

MEPA Analyst: _____

The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Greenfield-Reconstruction of Wisdom Way, MassDOT Project # 608724		
Street Address: Start: 69-85 Wisdom Way, End: 37 Mill St		
Municipality: Greenfield	Watershed: Deerfield	
Universal Transverse Mercator Coordinates: Wisdom Way Start:696106.28m 4716945.28m End:696509.19m 4717320.98m Zone 18T	Wisdom Way Start: Latitude: 42°34' 48.04" N Longitude: 72°36' 37.10" W End: Latitude: 42°34' 59.89" N Longitude: 72° 36' 18.96" W	
River St/ Mill St Start:696450.98m 4717267.99m End:696553.74m 4717389.26m Zone 18T	River St/Mill St Start: Latitude: 42°34' 58.17" N Longitude: 72°36' 21.59" W End: Latitude: 42°35' 2.01" N Longitude: 72° 36' 16.94" W	
Estimated commencement date: Spring 2022	Estimated completion date: Fall 2024	
Project Type: Roadway Reconstruction	Status of project design: 100 %complete	
Proponent: City of Greenfield, MA DPW		
Street Address: 14 Court Square		
Municipality: Greenfield	State: MA	Zip Code: 01301
Name of Contact Person: Bryan Cordeiro		
Firm/Agency: MassDOT Highway Division	Street Address: 10 Park Plaza, Room 4260	
Municipality: Boston	State: MA	Zip Code: 02116
Phone: 857-368-8813	Fax:	E-mail: bryan.cordeiro@dot.state.ma.us

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?

☐ Yes ☒ No

If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting:

a Single EIR? (see 301 CMR 11.06(8))

☐ Yes ☒ No

a Special Review Procedure? (see 301 CMR 11.09)

☐ Yes ☒ No

a Waiver of mandatory EIR? (see 301 CMR 11.11)

☐ Yes ☒ No

a Phase I Waiver? (see 301 CMR 11.11)

☐ Yes ☒ No

(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)

Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?

11.03(6)(b)(2)(b): Construction, widening or maintenance of a roadway or its right-of-way that will cut five or more living public shade trees of 14 or more inches in diameter at breast height.

Which State Agency Permits will the project require? **None**

Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres: **MassDOT will fund 20% of the construction costs and the Federal Highway Administration will fund the remaining 80% of the construction costs. No land from any Agency of the Commonwealth is required as part of this project.**

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	4.15		
New acres of land altered		0.14	
Acres of impervious area	1.99	0.075	2.065
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		0	
Acres of new non-water dependent use of tidelands or waterways		0	
STRUCTURES			
Gross square footage	0	0	0
Number of housing units	0	0	0
Maximum height (feet)	0	0	0
TRANSPORTATION			
Vehicle trips per day	6034	0	6034
Parking spaces	0	0	0
WASTEWATER			
Water Use (Gallons per day)	0	0	0
Water withdrawal (GPD)	0	0	0
Wastewater generation/treatment (GPD)	0	0	0
Length of water mains (miles)	0	0	0
Length of sewer mains (miles)	0	0	0
Has this project been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			
Has any project on this site been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

Describe the existing conditions and land uses on the project site:

The Massachusetts Department of Transportation - Highway Division (MassDOT) in conjunction with the City of Greenfield proposes the reconstruction of Wisdom Way in Greenfield, Massachusetts.

Wisdom Way is classified as an urban collector under the jurisdiction of the City of Greenfield. The speed limit is posted at 25 mph on Wisdom Way in the project area. One travel lane in each direction is provided on Wisdom Way. A continuous sidewalk with a width varying between 3.0' to 5.0' is provided on the west side of Wisdom Way in the project area. The width of the roadway varies from 24 to 30 feet measured from curb to curb. The land use abutting Wisdom Way includes the Franklin County Fairgrounds, Green River Cemetery, and residential use.

River Street is classified as an urban minor arterial and is under the jurisdiction of the City of Greenfield. The speed limit is posted at 25 mph on River Street in the project area. One travel lane in each direction is provided on River Street. A continuous sidewalk with a width of 5.0' is provided on the north side of River St in the project area. The width of the roadway is about 32 feet measured curb to curb.

Mill Street is classified as an urban minor arterial and is under the jurisdiction of the City of Greenfield. The speed limit is posted at 25 mph on Mill Street in the project area. One travel lane in each direction is provided on Mill Street. A continuous sidewalk with a width of 5.0' is provided on the north side of Mill Street in the project area. The width of the roadway is about 32 feet measured curb to curb.

The following deficiencies exist in the project area:

- Wisdom Way has multiple points of subbase undermining and cracking along an approximately 850ft long retaining wall supporting the road resulting in scour and washout through the wall.
- The slope failures and washouts have caused the retaining wall along the majority of the length of the roadway/sidewalk to move and fail as well.
- The existing sidewalk along Wisdom Way is as narrow as 3 feet in some places, a substandard width.
- There is a lack of bicycle accommodations in the project area. Bicycle lanes are not provided in the project area and the existing shoulders are not wide enough for bicycle travel, leaving cyclists competing for space with vehicle in the travel lanes.
- The existing sidewalks and ramps do not meet ADA/MAAB design standards. Crossings are single apex ramps that necessitate direction changes to be made in the roadway outside the limits of the crosswalk. The existing ramps are constructed without definitive level landing areas or detectable warning panels.
- The lane markings in the project area are in poor condition.

Describe the proposed project and its programmatic and physical elements:

On Wisdom Way, the proposed project begins approximately 480ft east of Petty Plain Rd and ends at the intersection with River Road. On River Road, the project begins 250ft west of the intersection with Wisdom Way and ends at Wisdom Way. On Mill Street the project begins at Wisdom Way and ends at Power Court.

On Wisdom Way, the addition of a 10 ft wide paved shared-use bike path on the west side of the road is proposed to accommodate bicycles and pedestrians. The shared-use path includes two paved rest areas. One rest area, located across from Green River Cemetery Entrance has a 550 square foot rest area containing bench seating. Surrounding the rest area are new public shade trees including 6 Dogwood trees, 3 Elm trees, and 3 Red Maple trees. The proposed new plantings will provide shade on Wisdom Way.

Because of the proposed new shared-use path, the cross section of the road will change from an existing 12 to 15 ft on each side of the centerline to a limit of 12 ft on each side, a 10 ft lane and 2 ft shoulder in each travel direction. Curb ramps and pedestrian crossings will be updated to be in compliance with applicable standards on Wisdom Way.

The alignment of Wisdom Way is proposed to be modified to reduce horizontal curvature. Full-depth pavement reconstruction is proposed for Wisdom Way. Reconstruction is required to facilitate the changes proposed to the crown line, roadway width, and realignment. Replacement of existing underground utilities (drainage structures & pipe, water pipe) and the 850 ft long retaining wall along the west side of Wisdom Way will also create large excavation areas within the roadway necessitating a full roadway structure replacement. Pavement markings, road signs, and street lighting on Wisdom Way will be updated to current MassDOT standards as part of the road reconstruction.

River Street and Mill Street will undergo 1.5 inch pavement milling and 1.5 inch overlay to improve the wearing surface and provide for a seamless pavement transition with the reconstructed Wisdom Way surface. Pavement markings, traffic signs, and street lighting will be updated on River St and Mill St within the project area. Included in the pavement marking improvements to River St and Mill Street will be bike lane markings and a pedestrian crossing that both meet current MassDOT standards.

The project duration is expected to be approximately 1.5 years. Wisdom Way will very likely be closed in both directions for extended periods while the road and adjacent retaining wall are under construction. An exception will be made for the Franklin County Fair. During a two-week period in September, one-way southbound travel on Wisdom Way must be permitted to allow access to the Fairgrounds. Detour plans have been prepared to guide the public during construction and are attached to this document as Attachment 6.

Summary of Impacts

Land Alteration

This project proposes to increase impervious area by 0.075 acres (3,270 sqft) as a result of the net difference between the added shared-use path and the narrowing of the road in some areas to 24ft in total width. Stormwater within the project area discharges to the Green River, an impaired water body with Fecal Coliform. There are no TMDLs for the Green River.

The realignment of Wisdom Way results in a proposed taking of 0.14 acres located at the entrance to Green River Cemetery. The proposed 0.14 acres will become part of the City owned right-of-way layout of the road. The proposed taking is located within the existing Green River Cemetery setback from the road but does not include any Cemetery structure or burial plot.

Bordering Vegetated Wetlands, Bank, and Riverfront Area

Bordering Vegetated Wetlands (BVW) and Bank of the Green River bank have been delineated within or adjacent to the project limits on the proposed conditions plan set in Attachment 11. The bank demarcates the edge of water associated with the Green River.

The Riverfront Area limits extend to include portions of work on River Street, Mill St and Wisdom Way. This project proposes approximately 30,600 sqft of work within the Riverfront Area. Within 100ft there will be 17,400 sqft of proposed work. Between 100ft and 200ft there will be 13,200ft of proposed work.