



The Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
100 Cambridge Street, Suite 900
Boston, MA 02114

Charles D. Baker
GOVERNOR

Karyn E. Polito
LIEUTENANT GOVERNOR

Kathleen A. Theoharides
SECRETARY

Tel: (617) 626-1000
Fax: (617) 626-1081
<http://www.mass.gov/eea>

February 5, 2021

CERTIFICATE OF THE SECRETARY OF ENERGY AND ENVIRONMENTAL AFFAIRS
ON THE
ENVIRONMENTAL NOTIFICATION FORM

PROJECT NAME : Greenfield-Reconstruction of Wisdom Way
PROJECT MUNICIPALITY : Greenfield
PROJECT WATERSHED : Deerfield
EEA NUMBER : 16308
PROJECT PROPONENT : MassDOT, City of Greenfield
DATE NOTICED IN MONITOR : January 6, 2021

Pursuant to the Massachusetts Environmental Policy Act (MEPA; M.G. L. c. 30, ss. 61-62I) and Section 11.06 of the MEPA regulations (301 CMR 11.00), I hereby determine that this project **does not require** an Environmental Impact Report (EIR).

Project Description

As described in the Environmental Notification Form (ENF), the project consists of the full-depth reconstruction of Wisdom Way in the City of Greenfield (the City), from the intersection of Wisdom Way with River Road to approximately 480 feet (ft) east of Petty Plain Road, including a partial realignment of the roadway. The project will also involve the construction of a 10-foot wide shared-use path on the west side of Wisdom Way. Pavement resurfacing is proposed on River Street and Mill Street where they intersect with Wisdom Way. The project is proposed jointly by the Massachusetts Department of Transportation (MassDOT) and the City to improve traffic operations, create and improve bicycle and pedestrian accommodations, and improve safety within the project limits. The project will address operational deficiencies by providing a consistent roadway cross-section on Wisdom Way and by replacing the failing retaining wall associated with the roadway. Deficiencies in bicycle and

pedestrian accommodations will be addressed by the construction of the 10-foot wide shared-use path in accordance with MassDOT's Healthy Transportation Policy (HTP). Additionally, pavement markings, traffic signs, and lighting on River Street and Mill Street will be updated within the project area. Specifically, the project includes the following activities:

- Full-depth reconstruction of Wisdom Way to achieve uniform 10-foot-wide travel lanes and 2-foot shoulders on both sides of the roadway;
- Construction of a paved, 10-foot-wide shared-use bike path on the west side of the Wisdom Way, where a substandard sidewalk currently exists;
- Construction of two paved rest areas along the shared-use path, one of which (located across the Green River Cemetery entrance) will include bench seating and new public shade trees;
- Updates to the curb ramps and pedestrian crossings along Wisdom Way;
- Partial realignment of Wisdom Way to reduce horizontal curvature;
- Replacement of existing underground utilities along Wisdom Way;
- Replacement of the 850-foot long retaining wall along the west side of Wisdom Way;
- Pavement resurfacing (1.5-inch pavement milling followed by a 1.5-inch overlay) on River Road, beginning at the intersection of River Road with Wisdom Way and continuing 250 ft west;
- Pavement resurfacing on Mill Street, from the intersection of Mill Street with Wisdom Way to the intersection of Mill Street with Power Court; and
- Updates to pavement markings, traffic signs, and street lighting along Wisdom Way, River Street, and Mill Street (including bike lane markings and pedestrian crossings within River Street and Mill Street).

Project Site

The 4.15-acre project site includes approximately 1,900 linear feet (lf) of Wisdom Way and portions of Mill Street and River Street where they intersect with Wisdom Way. Wisdom Way ends at a T-intersection with the two roadways, with Mill Street lying to the northeast and River Road to the southwest. All three roadways are under the jurisdiction of the City of Greenfield. Wisdom Way is a two-lane Urban Collector, varying in width from 24 to 30 feet, with a continuous sidewalk on the west side of the roadway that varies in width from 3 to 5 feet, which will be replaced by the 10-foot-wide shared use path. As described in the ENF, Wisdom Way is supported by a failing retaining wall, resulting in pavement fracture and sliding throughout the roadway. River Street and Mill Street are both two-lane Urban Minor Arterials, each with a roadway width of 32 feet and a 5-foot sidewalk on the north side. A bridge (MassDOT Bridge ID G-12-014) is located on Mill Street over Green River (located in the northernmost section of the project site), although pavement improvements on Mill Street are not proposed to extend onto the bridge.

The surrounding land use is characterized primarily as residential. Wisdom Way is abutted to the east by Green River Cemetery within the project corridor. Wisdom Way is abutted to the west by the

Franklin County Fairgrounds on the southernmost extent of the project corridor. The Green River Cemetery and Mill Street Area (which is located partly within the northern portion of the project site) are both listed in the Massachusetts Historical Commission's (MHC) Inventory of Historic and Archaeological Assets of the Commonwealth (Inventory). The Franklin County Fairgrounds are listed in the National Register of Historic Places. The project corridor contains several wetland resource areas, including: Bordering Vegetated Wetlands (BVW), Bordering Land Subject to Flooding (BLSF), and Riverfront Area (RFA) associated with the Green River. The Green River is classified as an impaired water body due to the presence of Fecal Coliform. Portions of the project site are characterized as *Estimated and Priority Habitat of Rare Species* as delineated by the Natural Heritage and Endangered Species Program (NHESP) in the 14th Edition of the Massachusetts Natural Heritage Atlas.

Environmental Impacts and Mitigation

Potential environmental impacts associated with the project include the new alteration of 0.14 acres of land and the creation of 0.075 acres (3,267 square feet (sf)) of impervious area, for a total of 2.065 acres within the project site. The project will impact 30,600 sf (0.70 acres) and will require the removal of seven (7) public shade trees. The project will alter land mapped as Priority and Estimated habitat and proposes the taking a portion of land (0.14 acres) that is a listed historic resource (Green River Cemetery).

Measures to avoid, minimize, and mitigate Damage to the Environment include the planting of 12 new shade trees, improvements to the existing stormwater management system, and use of erosion and sedimentation controls during construction.

Jurisdiction and Permitting

This project is subject to MEPA review and preparation of an ENF pursuant to 301 CMR 11.03(6)(b)(2)(b) because it requires a State Agency Action and involves the 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. The project is being proposed by MassDOT in conjunction with the City of Greenfield and will receive funding from MassDOT.

The Greenfield Conservation Commission issued an Order of Conditions (OOC) approving the project on October 27, 2020 that was not appealed. The project requires a National Pollutant Discharge Elimination System (NPDES) Construction General Permit from the U.S. Environmental Protection Agency (EPA).

Because the project will be undertaken by a State Agency and is receiving Financial Assistance, MEPA jurisdiction is broad in scope and extends to all aspects of the project that may cause Damage to the Environment, as defined in the MEPA regulations.

Review of the ENF

The ENF provided a description of existing and proposed conditions, preliminary project plans, detour plan, correspondence with NHESP and the Greenfield Conservation Commission, and identified measures to avoid, minimize and mitigate environmental impacts. Comments from State Agencies do

not identify any significant impacts that were not reviewed in the ENF, note deficiencies in the alternatives analysis, or identify additional alternatives for further review.

Alternatives Analysis

The ENF evaluated three alternatives (including the Preferred Alternative) based on their ability to avoid impacts to public shade trees while addressing the existing deficiencies in the roadways. The ENF evaluated the following alternatives: the 5-foot Sidewalks and Bike Lanes Alternative (Alternative 2), the 4-foot Sidewalks with No Widening Alternative (Alternative 3), and the Preferred Alternative (Alternative 1).

Alternative 2 would involve providing 5-foot wide on-road bike lanes and a 5-foot wide concrete sidewalk on the northwestern side of Wisdom Way, in addition to the realignment of Wisdom Way to reduce horizontal curvature. According to the ENF, Alternative 2 was not selected as the widening required for the northbound bike lane would require additional public shade trees to be removed and additional creation of impervious surface compared to the Preferred Alternative. The ENF states the widening necessary for Alternative 2 would introduce concerns of a global slope failure of the hillside of Wisdom Way if soil was disturbed. Alternative 3 would involve the existing roadway and sidewalk reconstructed in place, with no realignment of the roadway, improvements to multimodal transportation, or improvements to the existing drainage system. According to the ENF, this Alternative would not result in new impacts to the surrounding environment but was not considered a viable option as it would not accomplish the goals of the project, which is to provide full pedestrian and bicycle facilities and to address the substandard horizontal curvature of the roadway alignment.

The Preferred Alternative (described herein) includes the creation of a consistent roadway cross-section within Wisdom Way, and the replacement of the existing, substandard sidewalk with a paved 10-foot wide shared-use path. The Preferred Alternative also includes the re-alignment of Wisdom Way to move the road away from the fill embankment on the northwestern side of the road, in addition to reducing the horizontal curvature of the roadway. According to the ENF, this Alternative was selected as it addresses the deficiencies in the roadway, addresses pedestrian and bicycle safety concerns, and extends the bicycle network into downtown Greenfield and the Franklin County Fairgrounds, while minimizing the removal of public shade trees.

Wetlands

As noted above, the Greenfield Conservation Commission reviewed the project for its consistency with the Wetlands Protections Act (WPA), the Wetland Regulations (310 CMR 10.00), and associated performance standards including the Stormwater Management Standards (SMS) and issued an Order of Conditions approving the project on October 27, 2020. Comments from the Massachusetts Department of Environmental Protection (MassDEP) indicate the Order of Conditions has not been appealed. As stated in the ENF, the project will permanently impact approximately 30,600 sf of RFA associated with the Green River. The construction of the shared-use path on Wisdom Way will add approximately 275 sf of impervious area within RFA. According to the ENF, all work is located within previously disturbed areas and will not further encroach on the Bank of the Green River. Erosion and sedimentation controls will be implemented during project construction.

Public Shade Trees

The project will result in the cutting of seven (7) living public shade trees, primarily associated with the partial realignment of Wisdom Way. Specifically, six (6) mature White Pines located at the entrance of Green River Cemetery will be removed, with three (3) existing White Pines remaining at the entrance. The remaining public shade tree that is proposed to be removed is associated with the replacement of the retaining wall along Wisdom Way, near River Street. The ENF states that 12 trees are proposed to be planted directly across from the cemetery entrance on Wisdom Way in order to mitigate this impact – three (3) *Acer rubrum* (Red Maple), six (6) *Cornus florida* (Dogwood), and three (3) *Ulmus Americana* (Elm). Of the 12 new trees, eight (8) are proposed to be planted within 10 ft of the curb and are expected to provide shade on Wisdom Way.

Endangered Species

According to the ENF, work proposed in Mill Street and portions of Wisdom Way are located within mapped Estimated Habitat for Rare Wildlife and Priority Habitat for Rare Species listed under the Massachusetts Endangered Species Act (MESA). The ENF states proposed work in this area will be located within previously disturbed areas. The ENF and comments from NHESP included a determination letter from NHESP (dated September 14, 2020) stating the project, as currently proposed, will not adversely affect the Actual Resource Habitat of state-protected rare wildlife species and will not result in a prohibited Take of state-listed rare species. As stated in NHESP's determination letter, should any material changes to the project occur, an additional filing within NHESP may be required in accordance with the MESA (321 CMR 10.00).

Land/Stormwater

The project will result in the new alteration of 0.14 acres of land associated with the realignment of Wisdom Way (further described below). In addition to roadway reconstruction, the project includes the replacement of the existing retaining wall along Wisdom Way. As described above, pavement cracking and sliding has been document in Wisdom Way as a result of the failing retaining wall. The existing wall is estimated to be 670 ft in length with an average width of 2 ft. The retaining wall is proposed to be replaced by a mechanically stabilized earth (MSE) wall system consisting of a large masonry block face wall anchored by a geogrid system, which interlocks with the wall blocks and provides stability to the earth behind the wall. The proposed retaining wall will have a length of 728 ft, with 3-foot wide blocks and 4 ft of earth at the foot of the wall, for an overall footprint of 7 ft. The geogrid system is expected to extend 16 ft into the earth behind the wall.

The project proposes to increase the impervious area within the project site by 0.075 acres for a total of 2.065 acres within the project site. Stormwater runoff within Wisdom Way is presently collected by a series of catch basins piped through a stormwater collection system that outlets into the Green River at the intersection of Wisdom Way and Mill Street. Within the area of work for Mill Street, stormwater is collected by a series of catch basins and piped through a stormwater collection system that connects to the Wisdom Way stormwater collection system. The project proposes new inlet structures but does not propose any new outfalls. Proposed improvements to the existing stormwater management system include replacing a portion of the existing catch basins within the roadway with deep sump catch basins. The ENF states the existing stormwater management system is expected to adequately convey

the stormwater associated with the minor increase in impervious cover once these improvements are made. According to the ENF, additional stormwater management structures were not included as part of the proposed project due to the steep embankments on the shoulder of Wisdom Way (beyond the retaining wall), which would require additional cutting and filling that would result in significant impacts to wetland resources.

Historical Resources

The ENF states 0.14 acres of Green River Cemetery (specifically the entrance area) are proposed to be taken to accommodate the partial realignment of Wisdom Way. The proposed taking is located within the existing Cemetery setback from the road and does not include any cemetery structures. As described in the ENF, Green River Cemetery is designated as open space, held by a non-profit entity. As part of the realignment, a landscaped rest area will be created adjacent to the new shared-use path, across from the cemetery entrance. The ENF states a letter describing the project has been sent to the City of Greenfield Historical Commission, the MassDOT Cultural Resources Unit, and the State Historic Preservation Officer. The project received a finding of No Adverse Effect from the Massachusetts Historical Commission

Construction

The project duration is expected to be approximately 1.5 years. During this time, Wisdom Way will likely be closed in both directions for extended periods while the road and adjacent retaining wall are under construction. According to the ENF, an exception will be made for the Franklin County Fair, such that one-way southbound travel on Wisdom Way will be permitted during a two-week period in September. The ENF included detour plans to be implemented during construction. To avoid any impacts to the surrounding environment during construction, each catch basin that is not proposed to be replaced will be protected by erosion controls in the form of compost filter tubes to avoid any impact of sediment-laden water.

All construction activities should be managed in accordance with applicable MassDEP's regulations regarding Air Pollution Control (310 CMR 7.01, 7.09-7.10), and Solid Waste Facilities (310 CMR 16.00 and 310 CMR 19.00, including the waste ban provision at 310 CMR 19.017). The project should include measures to reduce construction period impacts (e.g., noise, dust, odor, solid waste management) and emissions of air pollutants from equipment, including anti-idling measures in accordance with the Air Quality regulations (310 CMR 7.11). Consistent with the GreenDOT policy directive, MassDOT requires that contractors install emission control devices in all off-road vehicles. MassDOT's Revised Diesel Retrofit Specification also requires that emissions control standards must be met or technology must be used for non-road, diesel-powered construction equipment in excess of 50 horsepower. Contractors will be instructed to limit engine idling and use ultra-low sulfur diesel fuel. If oil and/or hazardous materials are found during construction, the Proponent should notify MassDEP in accordance with the Massachusetts Contingency Plan (310 CMR 40.00). All construction activities should be undertaken in compliance with the conditions of all State and local permits.

Conclusion

The ENF has adequately described and analyzed the project and its alternatives, and assessed its potential environmental impacts and mitigation measures. Based on review of the ENF and comments received on it, and in consultation with State Agencies, I have determined that an EIR is not required.

February 5, 2021

Date

Kathleen A. Theoharides

Comments received:

1/12/2021	Massachusetts Natural Heritage and Endangered Species Program (NHESP)
1/20/2021	Massachusetts Department of Environmental Protection (MassDEP), Western Regional Office (WERO)

KAT/ELM/elm



View Comment

Comment Details

EEA #/MEPA ID*

16308

First Name

David

Address Line 1

1 Rabbit Hill Road

Organization

Massachusetts Division of Fisheries and Wildlife

Comments Submit Date

1/12/2021

Last Name

Paulson

Address Line 2

--

Affiliation Description

State Agency

Review Due By

2/15/2021

Phone

--

State

MASSACHUSETTS

Status

Opened

Reviewer

Eva Murray (857) 408-6381

Email

david.paulson@mass.gov

Zip Code

01581

Comments

Topic: Reconstruction of Wisdom Way (16308/20-39578)

Dear Secretary Theoharides: The Natural Heritage & Endangered Species Program of the Massachusetts Division of Fisheries & Wildlife (the Division) has reviewed the ENF for the proposed Wisdom Way Project and would like to offer the following comments regarding state-listed rare species and their habitats. On September 14, 2020 the Division issued determinations pursuant to the Massachusetts Endangered Species Act and Wetlands Protection Act. Attached is a copy of the determination letter. WETLANDS PROTECTION ACT (WPA) Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, will not adversely affect the actual Resource Area Habitat of state-protected rare wildlife species. Therefore, it is our opinion that this project meets the state-listed species performance standard for the issuance of an Order of Conditions. Please note that this determination addresses only the matter of rare wildlife habitat and does not pertain to other wildlife habitat issues that may be pertinent to the proposed project. MASSACHUSETTS ENDANGERED SPECIES ACT (MESA) Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, will not result in a prohibited Take of state-listed rare species. This determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.18. Any changes to the proposed project or any additional work beyond that shown on the site plans may require an additional filing with the Division pursuant to the MESA. This project may be subject to further review if no physical work is commenced within five years from the date of issuance of this determination, or if there is a change to the project. If you have any questions about this letter, please contact David Paulson, Senior Endangered Species Review Biologist, at (508) 389-6366 or david.paulson@state.ma.us..

Attachments

[Greenfield_20-39578.pdf\(null\)](#)

Update Status

Status

Opened



SUBMIT →

Share Comment



SHARE WITH A REGISTERED USER

[← BACK TO SEARCH RESULTS](#)



MASSWILDLIFE

DIVISION OF FISHERIES & WILDLIFE

1 Rabbit Hill Road, Westborough, MA 01581

p: (508) 389-6300 | f: (508) 389-7890

MASS.GOV/MASSWILDLIFE

September 14, 2020

Greenfield Conservation Commission
Town Hall
14 Court Square
Greenfield MA 01301

Marlo Warner
Town of Greenfield Department of Public Works
189 Wells Street
Greenfield MA 01301

RE: Applicant: Marlo Warner, Town of Greenfield Department of Public Works
Project Location: Wisdom Way
Project Description: Pavement replacement, shared use path, sidewalk, and stormwater
DEP Wetlands File No.: 168-0338
NHESP File No.: **20-39578**

Dear Commissioners & Applicant:

The Natural Heritage & Endangered Species Program of the Massachusetts Division of Fisheries & Wildlife (the "Division") received a Notice of Intent with site plans (dated 6/24/20) in compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.58(4)(b), 10.59). The Division also received the MESA Review Checklist and supporting documentation for review pursuant to the MA Endangered Species Act Regulations (321 CMR 10.18).

WETLANDS PROTECTION ACT (WPA)

Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, **will not adversely affect** the actual Resource Area Habitat of state-protected rare wildlife species. Therefore, it is our opinion that this project meets the state-listed species performance standard for the issuance of an Order of Conditions.

Please note that this determination addresses only the matter of **rare** wildlife habitat and does not pertain to other wildlife habitat issues that may be pertinent to the proposed project.

MASSACHUSETTS ENDANGERED SPECIES ACT (MESA)

Based on a review of the information that was provided and the information that is currently contained in our database, the Division has determined that this project, as currently proposed, **will not result in a prohibited Take** of state-listed rare species. This determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.18. Any changes to the proposed project or any additional work beyond that shown on the site plans may require an additional filing with the Division

MASSWILDLIFE

pursuant to the MESA. This project may be subject to further review if no physical work is commenced within five years from the date of issuance of this determination, or if there is a change to the project.

Please note that this determination addresses only the matter of state-listed species and their habitats. If you have any questions regarding this letter please contact Melany Cheeseman, Endangered Species Review Assistant, at (508) 389-6357.

Sincerely,

A handwritten signature in black ink, reading "Everose Schlüter". The signature is written in a cursive, flowing style.

Everose Schlüter, Ph.D.
Assistant Director

cc: MA DEP Western Region
Nicholas Lapointe, Fuss & O'Neill Inc.
Town of Greenfield Department of Public Works



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Kathleen A. Theoharides
Secretary

Martin Suuberg
Commissioner

January 20, 2021

Kathleen A. Theoharides, Secretary
Executive Office of Energy & Environmental Affairs
Massachusetts Environmental Policy Act Office
Eva Murray No. 16308
100 Cambridge Street, 9th Floor
Boston, MA 02114-2524

Re: Reconstruction of Wisdom Way
Greenfield ENF

Dear Secretary Theoharides,

The Massachusetts Department of Environmental Protection (MassDEP), Western Regional Office (WERO) appreciates the opportunity to comment on the Environmental Notification Form (ENF) submitted for the proposed reconstruction of Wisdom Way in Greenfield, Massachusetts. The project proponents are Mass DPW and the City of Greenfield. A site visit was held on January 15, 2021. The applicable MassDEP regulatory considerations regarding wetlands, air pollution, solid waste, hazardous waste and waste site cleanup are discussed.

I. Project Description

Mass DOT and the City of Greenfield (proponents) are proposing the reconstruction of Wisdom Way. The purpose of the Project is to modernize and improve congestion and multimodal accommodations on Wisdom Way in residential areas that includes abutters Franklin County Fairgrounds and Green River Cemetery. The project begins approximately 480 ft east of Petty Plain Road and ends at the intersection with River Road. On River Road, the project begins 250 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. There will be new pavement on Wisdom Way, some pavement resurfacing at River Street and Mill Street, new sidewalks, new street lighting, new pavement markings, new curbing and new traffic signage. Wisdom Way will undergo a realignment to reduce curvature. Existing utilities

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.

TTY# MassRelay Service 1-800-439-2370

MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

including drainage structures and water piping will be replaced along with an 850 foot long retaining wall along the west side of Wisdom Way. A 10-foot wide shared use bike/pedestrian path will be constructed on Wisdom Way that will include 2 paved rest areas.

Environmental Impacts associated with this project include:

- Total project size: 4.15 acres
- New acres of land altered – 0.14
- 1.99 acres of impervious area – existing
- 0.075 acres new impervious area

II. Required Mass DEP Permits and/or Applicable Regulations

Wetlands

310 CMR 10.000

Waterways

310 CMR 9.00

Air Pollution

310 CMR 7.00

Solid Waste

310 CMR 16.00

Hazardous Waste

310 CMR 30.00

Bureau of Waste Site Cleanup

310 CMR 40.000

III. Permit Discussion

Bureau of Water Resources

Wetlands and Waterways

MassDEP received the Notice of Intent for review on August 31, 2020, and issued file number 168-0338 with comments on September 3, 2020.

On October 27, 2020, the Greenfield Conservation Commission issued an Order of Conditions approving the work and there was no appeal.

Bureau of Air and Waste

Air Quality

Construction and Demolition Activities

The construction and demolition activity must conform to current Air Pollution Control Regulations. The proponent should implement measures to abate asbestos containing materials and alleviate dust, noise, and odor nuisance conditions that may occur during the construction and demolition activities. Such measures must comply with the MassDEP's Bureau of Air and Waste (BAW) Regulations 310 CMR 7.01, 7.09, 7.10 and 7.15.

Construction Equipment

MassDEP believes it is necessary to mitigate the construction-period impacts of diesel emissions to the maximum extent feasible and recommends that the project proponent require the contractors and subcontractors to use diesel equipment/machinery that are fitted with pollution control devices as well as to minimize excessive idling. All non-road engines shall be operated using only ultra-low sulfur diesel (ULSD) with a sulfur content of no greater than 15 ppm pursuant to 40 CFR 80.510.

Solid Waste

The proponent shall properly manage and dispose of all solid waste generated by this proposed project pursuant to 310 CMR 16.00 and 310 CMR 19.000, including the regulations at 310 CMR 19.017 (waste ban).

Asphalt, brick and concrete (ABC) generated through crushing and reuse on-site must be handled in accordance with regulation and policy. More information regarding the handling of ABC, and a copy of the 30-day notification form may be found at the following website: <http://www.mass.gov/eea/agencies/massdep/recycle/reduce/using-or-processing-asphaltpavement-brick-and-concrete-.html>.

The project proponent should be advised that construction activity at the site must comply with both Solid Waste and Air Quality Control regulations. The appropriate Solid Waste provisions addressing this include M.G.L. Chapter 40, Section 54.

In addition, the proponent shall manage regulated asbestos and asbestos-containing waste material as special wastes in accordance with 310 CMR 19.061. Utility infrastructure and drainage systems are known to contain asbestos-cement based utility conduit and pipes and can be located within the concrete sidewalk or below the grade of the roadway.

Solid and Hazardous Waste Management (Contaminated Soils)

If MassDEP determines that either because of the nature of the proposed activity, the amount of the material, and/or the characteristics of the material that the material requires management and disposal as a hazardous or solid waste, then the disposition of the soils must comply with any applicable requirements pursuant to 310 CMR 30.0000, 310 CMR

16.00 or 310 CMR 19.000. In addition, reuse or disposal of the soils at a Massachusetts landfill shall comply with MassDEP COMM-97-001 "*Reuse and Disposal of*

Contaminated Soil at Massachusetts Landfills" and the "Revised Guidelines for Determining Closure Activities at Inactive Unlined Landfill Sites".

Hazardous Waste

Any hazardous wastes exposed during the excavation activities or universal wastes such as mercury containing lamps or mercury thermostats, or lead-based paint from street markings, etc., must be properly managed in accordance with 310 CMR 30.0000.

If any hazardous waste, including waste oil, is generated at the project site during the construction, the proponent must ensure that such generation is properly registered with the Department and managed in accordance with 310 CMR 30.0000.

Bureau of Waste Site Cleanup

There are sites with release tracking numbers (RTNs) within a 0.5-mile radius of the project area with Response Action Outcomes (RAOs) and/or Permanent Solutions with or without conditions (PS/PSC). If soil and/or groundwater contamination is encountered during reconstruction activities, the proponent should retain a Licensed Site Professional (LSP); the MCP details procedures to follow for the parties conducting work. MassDEP staff are available for guidance.

In addition, a spills contingency plan addressing prevention and management of potential releases of oil and/or hazardous materials from pre- and post-construction and agricultural activities should be presented to workers at the site and enforced. The plan should include but not be limited to, refueling of machinery, storage of fuels, and potential releases.

IV. Other Comments/Guidance

The MassDEP permitting process will ensure environmental impacts are avoided where possible and minimized where necessary. MassDEP staff is available for discussions as the project progresses. If you have any questions regarding this comment letter, please do not hesitate to contact Kathleen Fournier at (413) 755-2267.

Sincerely,

This final document copy is being provided to you electronically by the
Department of Environmental Protection. A signed copy of this document
is on file at the DEP office listed on the letterhead.

Michael Gorski
Regional Director

cc: MEPA File