

SCHNEIDER, DAVIGNON & LEONE, INC.

PROFESSIONAL CIVIL ENGINEERS & LAND SURVEYORS

N. DOUGLAS SCHNEIDER, P.E., P.L.S.
MATTHEW C. LEONE, P.L.S.



DAVID M. DAVIGNON, P.E.
JAY MCKINNON, E.I.T.

April 27, 2020

Town of Fairhaven
Conservation Commission
40 Center Street
Fairhaven, MA 02719

Re: Request for a Certificate of Compliance – DEP File No. SE 23-1255

Applicants/Owners: Norman R. & Brenda A. Beauregard
Site Address: 46 Torrington Road
Assessors Lot #271A on Map #29B

Dear Mr. Chairman and Commission Members,

Schneider, Davignon & Leone, Inc. acting as agent for Mr. Beauregard hereby submits the enclosed information to the Fairhaven Conservation Commission's (FCC) for the purposes of issuing a Certificate of Compliance for the above described project.

Specifically, please the following information enclosed:

- \$75.00 COC Application Fee
- WPA – Certificate of Compliance Form
- As Built Inspection Photos
- As Built Boardwalk Plan

The Order of Conditions (OOC) for the project was issued by the FCC on July 17, 2017 permitting the construction of a pile supported timber boardwalk across a wetland to provide access to the beach.

This office performed an As Built survey of the completed work on 3-09-2020 (*see attached As Built Plan*).

Based upon said survey I hereby certify that the project has been completed substantially in compliance with the Order of Conditions and Plan of Record.

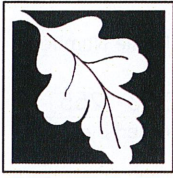
Consequently I respectfully request that the FCC issue a Certificate of Compliance for the project.

If you require additional information or have any questions please call me at (508) 758-7866 (ext. 203).

Sincerely,
Schneider, Davignon & Leone, Inc.

David M. Davignon, P.E.

File: 2707
Norman & Brenda Beauregard

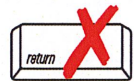


WPA Form 8A – Request for Certificate of Compliance

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Project Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

1. This request is being made by:

Norman R. & Brenda A. Beauregard

Name

46 Torrington Road

Mailing Address

Fairhaven

MA

02719

City/Town

State

Zip Code

(774) 644-0818

Phone Number

2. This request is in reference to work regulated by a final Order of Conditions issued to:

Norman R. & Brenda A. Beauregard

Applicant

July 17, 2017

SE 23-1255

Dated

DEP File Number

3. The project site is located at:

46 Torrington Road

Street Address

#29B

Assessors Map/Plat Number

Fairhaven

City/Town

#271

Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

Norman R. & Brenda A. Beauregard

Property Owner (if different)

Bristol

12141

24

County

Book

Page

Certificate (if registered land)

5. This request is for certification that (check one):

the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.

the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



WPA Form 8A – Request for Certificate of Compliance

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

Yes If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see Attachment).





**NOTICE OF INTENT
WPA Form 3**

for

**BILLY'S WAY
ROADWAY IMPROVEMENT PROJECT**

in

FAIRHAVEN, MASSACHUSETTS

Prepared for

**VINCENT FURTADO
FAIRHAVEN DPW**

April 2020

Prepared by
GCG ASSOCIATES, INC.
84 Main Street, Wilmington, MA 01887

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- WPA Form 3 – Notice of Intent
- NOI Wetland Fee Transmittal Form

Attachment #1: General Project information

- Project Summary
 - Project Narrative
 - Surficial Geology and Soil Information
 - Resource Areas
 - Erosion Control Methods
 - Conclusion
- USGS Topographic Map
- Project Area Assessors Plan – Map 29A

Attachment #2: Project Maps

- NRCS Web Soil Survey
- MassDEP Wetlands, MassGIS – Oliver
- 2017 Natural Heritage & Endangered Species (NHESP) map, MassGIS – Oliver
- Massachusetts Division of Marine Fisheries Map – Town of Fairhaven Website
- FEMA Flood Map Number 25005C0501F, effective date July 7, 2009
 - National Flood Hazard Layer FIRMette and Legend
- Annual High Tide Map, Buzzards Bay National Estuary Program

Attachment #3: Stormwater Compliance

- Mass DEP Stormwater Report Checklist and Certification
- Stormwater Standard #1 – No New Untreated Discharges
 - Stormwater Standard #7 – Redevelopment and Other Projects Subject to the Standards only to the Maximum Extent Practicable
 - Stormwater Standard #8 – Construction Period O&M
 - Stormwater Standard #9 – Long Term O&M
 - Stormwater Standard #10 – Illicit Discharge Statement
 - Hydro-Kleen Filtration System Catch Basin Insert – Specification and Testing

Attachment #4: Abutters

- Abutter Notifications
- List of Abutters
- Abutters Plan

Attachment #5: NOI Plans

- Plans enclosed separately – Sheets 1 through 6: Town of Fairhaven, Massachusetts, Billy's Way Roadway Improvement Project, Dated March 17, 2020, By GCG Associates, Inc.

**THE BILLY'S WAY
ROADWAY IMPROVEMENT PROJECT
FAIRHAVEN, MASSACHUSETTS**

Project Narrative

The Town of Fairhaven proposes to improve Billy's Way from the intersection of Scoticut Neck Road westerly approximately 450 feet to the end with the installation of roadway pavement, curbing and a closed drainage system that connects to the existing outfall pipe off Reservation Road. The topography of Billy's Way slopes downward to the west end toward Fairhaven Harbor at approximately a 2.7% slope with 12 feet of elevation change throughout the project area. Please refer to the attached USGS Topographic Map, Project Area Assessors Plan and the Cover Sheet to the NOI construction plans for project location.

Existing Site Conditions:

In addition, please refer to the attached NOI construction plans for the following existing site conditions.

There are five (5) single family homes located along both sides of the roadway. The existing infrastructure includes a 20' to 24' road width on Billy's Way and 40' Right of Way extending westerly from Scoticut Neck Road toward Fairhaven Harbor for approximately 450' to the end. The roadway infrastructure consists of a gravel roadway, sanitary sewer system, a water system, surface drainage system, a natural gas system and overhead utilities.

Billy's Way does not have a conventional closed drainage system and stormwater flows down the gravel roadway to the end and often onto the private property of #2 Billy's Way or down the walking path and then flows into Fairhaven Harbor. During major rainfall events the end of the road overflows onto the adjacent property and coastal beach causing erosion and deposition.

Proposed Site Work

In addition, please refer to the attached NOI construction plans for the following proposed site work:

Road: The road would be graded and paved to a uniform 22' width with bituminous asphalt to the back of the "cape cod" bituminous berm on both sides and to the closed drainage system at the end of Billy's Way.

Drainage: The proposed drainage system for Billy's Way will treat and convey stormwater and connect to an existing drainage system and 18" outfall pipe on Reservation Road. The proposed drainage system consists of one (1) drain manhole and two (2) catch basins installed at the west end of Billy's Way connected to approximately 275 linear feet of 12" diameter DI/PVC pipe and two (2) drain manholes installed along Treasure Bay Lane to Reservation Road. The proposed 12" pipe will be connected to the drainage system on Reservation

Road through a converted manhole and proposed catch basin. The proposed precast concrete catch basins are constructed with four-foot deep sumps for trapping of debris and sediment into the system and the outlets will be fitted with hoods to trap and contain floating debris and oils. Stormwater flowing into the catch basins on Billy's Way will receive additional treatment from storm filter inserts containing 3-stage filter system that removes hydrocarbons, sediments and other organics and exceed 80% sediment removal efficiency. A built in bypass prevents flooding or ponding during high-flow storm events. See Attachment #2

Surficial Geology and Soil Information

The Natural Resource Conservation Service (NRCS) Soil Survey classifies the soil within the project area as Paxton fine sandy loam (305B) which is a Group C soil and has a slow infiltration rate and a moderately high runoff potential. See Attachment #2 for hydrological soil group and map.

Resource Areas

The project limits are within the 50' and 100' Buffer Zone for the Buzzards Bay - Fairhaven Harbor coastal resources designated as 'Coastal Beach and Dune' per 310 CMR 10.27 as shown on DEP Wetlands Map obtained from Mass GIS, Oliver, Attachment #2. Offset buffer lines are shown on NOI Construction Plans.

There are no Estimated or Priority Habitats of Rare Wildlife Species within the proposed area of construction as shown on the map obtained from Mass GIS, Oliver, Attachment #2.

Massachusetts Division of Marine Fisheries designates the waters adjacent to the beach at the end of Billy's Way as "Conditionally Approved for Shellfish Growing" as shown on the attached Massachusetts Division of Fisheries Map, Attachment #2, downloaded from the Town of Fairhaven website.

The proposed area of construction is shown on FEMA Map Number 25005C0501F, effective date July 7, 2009 within a Special Flood Hazard Area as Zone VE with base flood elevation of 16 FT. which is a coastal flood zone subject to velocity wave action and as Zone AE which is a coastal flood zone with a base flood elevation of 14FT. The beginning of Billy's Way at Sconticut Neck Road is within an area of Minimal Flood Hazard. The FEMA - National Flood Hazard Layer FIRMetete and Legend is included in Attachment #2.

Annual tide map obtained from Buzzards Bay National Estuary Program is included in Attachment #2.

Erosion Control Methods

Sediment barriers consisting of straw filter tubes and catch basin silt sacks are to be installed at the site prior to construction to protect all water bodies and resource areas from sediment and erosion. Additionally, the construction specifications and requirements related to this project will require the construction process to adhere to

Construction Best Management Practices regarding dewatering, erosion and sedimentation control. (See NOI construction plans.) There is no anticipated increase in stormwater flow due to the proposed improvements. There is to be no adverse effect to the Resource Area. The proposed project is designed to match the existing grades.

Conclusion

Measures have been implemented to the best extent practicable to address urban runoff and water quality issues associated with the roadway improvement project and are an improvement to the existing condition of the Billy's Way. Further safety and maintenance concerns should be alleviated.

Billy's Way



Billy's Way



**NOTICE OF INTENT
WPA Form 3**

for

**THE FARMFIELD STREET AND
HARBOR VIEW AVENUE
ROADWAY IMPROVEMENT PROJECT**

in

FAIRHAVEN, MASSACHUSETTS

Prepared for

**VINCENT FURTADO
FAIRHAVEN DPW**

MARCH 2020

Prepared by
GCG ASSOCIATES, INC.
84 Main Street, Wilmington, MA 01887

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 - Erosion Control Methods
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- USGS Topographic Map
- Project Area Assessors Plan – Map 2

Attachment #2: Project Maps

- NRCS Web Soil Survey
- MassDEP Wetlands, MassGIS - Oliver
- 2017 Natural Heritage & Endangered Species (NHESP) map, MassGIS – Oliver
- Massachusetts Division of Fisheries Map downloaded, Town of Fairhaven website.
- FEMA Flood Map Number 25005C0393G, effective date July 16, 2014
 - National Flood Hazard Layer FIRMette
- Annual High Tide Map, Buzzards Bay National Estuary Program

Attachment #3: Stormwater Compliance

- Mass DEP Stormwater Report Checklist and Certification
- Stormwater Standard #1 – No New Untreated Discharges
 - Stormwater Standard #7 – Redevelopment and Other Projects Subject to the Standards only to the Maximum Extent Practicable
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Attachment #4: Abutters

- Abutter Notifications
- List of Abutters
- Abutters Plan

Attachment #5: NOI Plans

- Plans enclosed separately – Sheets 1 through 8: Town of Fairhaven, Massachusetts, Farmfield Street and Harbor View Avenue Roadway Improvement Project, Dated March 18, 2020, By GCG Associates, Inc.

**THE FARMFIELD STREET AND HARBOR VIEW AVENUE
ROADWAY IMPROVEMENT PROJECT
FAIRHAVEN, MASSACHUSETTS**

Project Narrative

The Town of Fairhaven proposes to improve Farmfield Street and Harbor View Avenue from the intersection of Turner Avenue and Farmfield Street, south approximately 500 feet to the intersection of Carlton Avenue and Harbor View Avenue by installing a closed drainage system and connecting to the existing outfall pipe off Harbor View Avenue, paving and adding a berm to the end of Farmfield Street and replacing the existing 2" galvanized water main. Harbor View Avenue parallels a coastal beach and Buzzards Bay. The topography of Farmfield Street and Harbor View Avenue is flat with approximately 1 foot of elevation change throughout the project area. Please refer to the attached USGS Topographic Map, Project Area Assessors Plan and the Cover Sheet to the NOI construction plans for project location.

Existing Site Conditions:

In addition, please refer to the attached NOI construction plans for the following existing site conditions.

There are six (6) single family homes located along both sides of the roadway in the project area. The existing infrastructure includes a 22' paved road width on Farmfield Street to the intersection of Stetson Avenue. Beyond Stetson Avenue, Farmfield Street becomes a 20' wide gravel road continuing onto Harbor View Avenue which narrows to a 15' wide gravel road. The roadway infrastructure consists of a sanitary sewer system, a water system, surface drainage system, a natural gas system and overhead utilities. The existing 2" galvanized steel water main is undersized, aged and frequent breaks are causing concern from the water department.

The section of Farmfield Street and Harbor View Avenue within the project area does not have a conventional closed drainage system and stormwater flows along the road and gutters of Farmfield Street and Harbor View Avenue to a drainage swale located at the end of Farmfield Street which flows then flows along a pathway into Buzzards Bay. During major rainfall events the roadway often floods and overflows to adjoining properties and erodes the coastal beach. Flooding and beach erosion most recently occurred at 1 Stetson Avenue and water often puddles on the roads and front yards of 16 and 20 Harbor View Avenue and flows down the driveway to #17 Harbor View Avenue.

Proposed Site Work

In addition, please refer to the attached NOI construction plans for the following proposed site work:

Road: Farmfield Street is a mix of pavement and gravel and will be graded and paved to the intersection of Harbor View Avenue where washouts occur. A "Cape Cod" style

bituminous curb and grassed berm along the shoulder is proposed in front of #1 Stetson Avenue to direct stormwater away and into the closed drainage system. The existing pathway at the end of Farmfield Street will remain as an overflow behind the proposed catch basin. Harbor View Avenue is gravel and would be graded to ensure proper drainage patterns to the proposed closed drainage system and not paved.

Drainage: The proposed drainage system which will treat and convey stormwater and connect to an existing drain manhole and 15" diameter discharge pipe at the south end of Harbor View Avenue. The proposed drainage system consists of approximately 350 linear feet of 12"/15" diameter reinforced concrete pipe and five (5) drain manholes and six (6) catch basins. The proposed precast concrete catch basins are constructed with four-foot deep sumps for trapping of debris and sediment into the system and the outlets will be fitted with hoods to trap and contain floating debris and oils. Stormwater flowing into the catch basins on Farmfield Street will receive additional treatment from storm filter inserts containing 3-stage filter system that removes hydrocarbons, sediments and other organics and exceed 80% sediment removal efficiency. A built in bypass prevents flooding or ponding during high-flow storm events. See Attachment #2

Water System: A proposed 6" ductile iron water main will replace approximately 500 feet of existing 2" water main and a hydrant will be installed near Carlton Avenue.

Surficial Geology and Soil Information

The Natural Resource Conservation Service (NRCS) Soil Survey classifies the soil within the project area as Ridgebury fine sandy loam (70A) which has a high infiltration rate and a low runoff potential. See Attachment #2 for hydrological soil group and map.

Resource Areas

The project limits are within 50' and 100' Buffer Zone for the Buzzards Bay coastal resource designated as 'Coastal Beach' per 310 CMR 10.27 as shown on DEP Wetlands Map obtained from Mass GIS, Oliver, Attachment #2. Offset buffer lines are shown on NOI Construction Plans.

There are no Estimated or Priority Habitats of Rare Wildlife Species within the proposed area of construction as shown on the map obtained from Mass GIS, Oliver, Attachment #2.

Massachusetts Division of Marine Fisheries designates the waters adjacent to the beach at the end of Farm Street and Harbor View Avenue as "Conditionally Restricted for Shellfish Growing" as shown on the attached Massachusetts Division of Fisheries Map, Attachment #2, downloaded from the Town of Fairhaven website.

The proposed area of construction is shown on FEMA Map Number 25005C0394G, effective date July 16, 2014 as Zone VE with base flood elevation of 15 FT. and is a coastal flood zone subject to velocity wave action. The FEMA - National Flood Hazard Layer FIRMette and Legend is included in Attachment #2.

Annual tide map obtained from Buzzards Bay National Estuary Program is included in Attachment #2.

Erosion Control Methods

Sediment barriers consisting of straw filter tubes and catch basin silt sacks are to be installed at the site prior to construction to protect all water bodies and resource areas from sediment and erosion. Additionally, the construction specifications and requirements related to this project will require the construction process to adhere to Construction Best Management Practices regarding dewatering, erosion and sedimentation control. (See NOI construction plans.) There is no anticipated increase in stormwater flow due to the proposed improvements. There is to be no adverse effect to the Resource Area. The proposed project is designed to match the existing grades.

Conclusion

Measures have been implemented to the best extent practicable to address urban runoff and water quality issues associated with the roadway improvement project and are an improvement to the existing condition of the Farmfield Street and Harbor View Avenue. Further safety and maintenance concerns should be alleviated.

Farmfield Street



Farmfield Street



Farmfield Street

