

TOWN OF MEDWAY

Planning & Economic Development

155 Village Street Medway, Massachusetts 02053 RECEIVED

AUG 2 7 2015

TOWN CLERK

Andy Rodenhiser, Chairman Robert K. Tucker, Vice-Chairman Thomas A. Gay, Clerk Matthew J. Hayes, P.E. Rich Di Iulio

August 25, 2015

SCENIC ROAD WORK PERMIT

Southwest Corners of Main/Franklin and Main/Elm Streets Route 109 Reconstruction Project

APPLICANT - Town of Medway Department of Public Services

LOCATION – Southwest corners of Main/Franklin Streets and Main/Elm Streets. Elm and Franklin Street are designated *Medway Scenic Roads*.

PROJECT DESCRIPTION – The Town of Medway is undertaking a major reconstruction project of Route 109/Main Street from Holliston Street west to the intersection of Main, Milford, Franklin and Highland Streets in west Medway. As a whole, the project involves adding sidewalks on the south side of Main Street, installing decorative street lights, a complete roadway and sidewalk reconstruction, intersection improvements to improve sight lines and access, new traffic signals, landscaping and a new entrance to Choate Park/Thayer House.

At two locations along the Route 109 improvement route, the construction necessitates removal of some trees and the relocation of a stone wall located in the Town's right of way where two scenic roads (Franklin and Elm Streets) intersect with Main Street. These locations are adjacent to 121 and 201 Main Street.

DATE OF PUBLIC HEARING – Pursuant to Section 15C of Chapter 40 (the Scenic Roads Act) and Chapter 87 (Shade Trees Act) of M.G.L., the Medway Planning and Economic Development Board and the Tree Warden held a public hearing on August 25, 2015.

ADVERTISEMENT – The public hearing notice was published in the *Milford Daily News* on August 11 and 17, 2015.

POSTED NOTICE

- The public hearing notice was posted with the Medway Town Clerk and to the Town of Medway web page on August 6, 2015
- Tree Warden Fred Sibley posted the public hearing notice on the applicable tree(s) and stone wall at least seven (7) days prior to the public hearing.

ABUTTER NOTICE - The public hearing notice was sent by first class mail to all abutters on August 10, 2015.

PUBLIC HEARING – At the public hearing, Medway Department of Public Services Deputy Director Dave D'Amico presented information about the two locations where trees and stone walls are located in the right-of-way adjacent to Medway Scenic Roads. He also reviewed what the Route 109 landscaping plan shows for replacement trees for these two areas. Abutter Matthew Buckley, owner of 201 Main Street, also provided comments about the proposed plans.

DECISION CRITERIA - Pursuant to s. 405 – 7 of the Scenic Road Rules and Regulations, the Planning Board shall consider the following in making its determination on an application for a Scenic Road Work Permit:

- A. Public safety;
- B. Scenic and aesthetic characteristics and quality of the area;
- C. Quality and extent of shade and *tree* canopy;
- D. Accident history within five hundred (500) feet of tree(s) and stone walls at issue;
- E. Commentary contributed by the Tree Warden, town agencies, *abutters* and other interested parties;
- F. Preservation of natural resources and environmental systems;
- G. Preservation of historical and cultural resources values;
- H. Compatibility with surrounding neighborhood;
- I. Recreational uses of the proposed Scenic Road, taking into account the nature and extent of such uses;
- J. Relationship of the *road* design to the standards of the Planning Board's *Subdivision Rules* and *Regulations* but recognizing that a variance from the standards should be allowed when a way has been designated as a Scenic Road by the Town Meeting;
- K. Adequacy and value of compensatory actions proposed, such as replacement of *trees* or *stone walls* or restoration of the same;
- L. Traffic patterns, volume, congestion and posted speed limit;
- M. Consistency with articulated Town policies and the Medway Master Plan;
- N. Feasibility for avoiding disturbance to *trees* or *stone walls* by proposing a safe location for a walkway, driveway or *road* elsewhere; and
- O. Other sound planning principles and considerations.

SPECIFIC FINDINGS

Main and Franklin Streets

- 1. There are three trees located in the Town's right-of-way adjacent to 201 Main Street that are planned for removal one 16" diameter tree and two 10" diameter trees. See attached Scenic Road Permit Application dated June 10, 2015 with attached photos. No stone walls in the Town's right-of-way are affected.
- 2. Section 405-8 B of the *Scenic Road Rules and Regulations* provides for tree replacement on a 1 sq. inch per 2 sq. inch replacement basis as follows:

Radius of tree² x $3.14 \div 2 = \text{total sq. in. of replacement tree diameters}$

3 Trees

18 x 18 = 324 sq. inches

$$x = 3.14$$
1017.36 sq. inches

 $\frac{\div}{2}$
508.68 sq. inches of replacement tree diameters

 $\frac{\div}{7}$
73 three-inch (3") caliper replacement trees

Total Tree Replacement = 73 three-inch (3") caliper trees

- 3. The trees to be removed are not distinctive.
- 4. Section 405 8 B. of the *Scenic Road Rules and Regulations* authorizes the Planning Board to waive full compliance with the tree restoration provisions and authorizes the Tree Warden to determine an appropriate compensatory value.
- 5. The Route 109 reconstruction plan specifies that the removed trees at the southwest corner of Main and Elm Streets will be replaced with one red oak and three serviceberry trees.

Main and Elm Streets

- 1. There are two trees located in the Town's right-of-way adjacent to 121 Main Street that are planned for removal one 9" diameter tree and one 11" diameter tree. There is also a portion of the existing stone wall/fence that needs to be removed, relocated and reconstructed further back on the site to allow for a reconfiguration of the roadway intersection.
- 2. Section 405-8 B of the *Scenic Road Rules and Regulations* provides for tree replacement on a 1 sq. inch per 2 sq. inch replacement basis as follows:

Radius of tree² x $3.14 \div 2 = \text{total sq. in. of replacement tree diameters}$

2 Trees

10 x 10 = 100 sq. inches

$$\frac{x + 3.14}{314}$$
314 sq. inches

 $\frac{\div}{2}$
157 sq. inches

 $\frac{\div}{157}$
23 three-inch (3") caliper replacement trees

Route 109 Reconstruction Project Scenic Road Work Permit August 25, 2015

- 3. The trees to be removed are not distinctive.
- 4. Section 405 8 B. of the *Scenic Road Rules and Regulations* authorizes the Planning Board to waive full compliance with the tree restoration provisions and authorizes the Tree Warden to determine an appropriate compensatory value.
- 5. The Route 109 reconstruction plan specifies that the removed trees at the southwest corner of Main and Elm Streets will be replaced with one red oak tree. The stone wall will be deconstructed and reconstructed further back on the site in the same style and appearance.

GENERAL FINDINGS – The Route 109 Reconstruction project is a significant infrastructure improvement for the Town of Medway. The total project cost is estimated at \$ 13 million. The overall scope of the proposed work as described herein constitutes substantial mitigation for the limited nature of tree removal and stone wall relocation required by this reconstruction project.

DECISION – On August 25, 2015, the Planning and Economic Development Board and Tree Warden Fred Sibley voted to approve a Scenic Road Work Permit allowing removal of the three trees in the right-of-way at the southwest corner of Franklin and Main Streets and two trees and the relocation of the stone wall in the right-of way at the southwest corner of Elm and Main Streets subject to the following conditions:

- 1. All replacement plants will be indigenous the region.
- 2. The replacement oak trees shall be at least 3" caliper.

The provisions of this Permit shall apply and be binding upon the Applicant and all successors and assigns in interest. Failure to comply with all conditions stated herein shall be deemed cause to revoke or modify this Permit. This Permit does not relieve the Applicant or any other person of complying with all other applicable federal, state or local statutes, by-laws or regulations.

VOTING THIS 25th day of August, 2015 IN FAVOR:

Planning and Economic Development Board Members:

Andy Rodenhiser Robert K. Tucker Thomas A. Gay Matthew J. Hayes Richard Di Iulio

Assistant Tree Warden: Fred Sibley

Susan E. Affleck-Childs

Planning and Economic Development Coordinator

cc: Michael Boynton, Town Administrator

Fred Sibley, Tree Warden

ATTEST

David D'Amico, Department of Public Services

Jack Mee, Inspector of Buildings

MEDWAY SCENIC ROAD WORK PERMIT APPLICATION

Medway Planning Board 155 Village Street, Medway, MA 02053 508-533-3291

This application for a Scenic Road Work Permit is made pursuant to the Planning Board's *Rules and Regulations for Review and Issuance of Scenic Road Work Permits* (adopted July 16, 2002). Please refer to the *Rules and Regulations* for specific definitions of all *italicized* words included in this application.

				Date:June 10, 2015		
	Applicant/Location Information: Intersection of Main & Elm, Evergreen, Franklin,					
	Location/Address on Scenic Road: High, Highland, Lincoln, and Winthrop					
	Name of Applic	ant:	Town of Medway			
	Primary Contact		David D'Amico, Medwa	D'Amico, Medway DPS Deputy Director		
	Mailing Address:			Street, Medway, MA 02053		
	Telephone:	508-533-3275		ddamico@townofmedway.org		
2.	Describe the <i>repair</i> , <i>maintenance</i> , <i>paving or reconstruction</i> work you wish to do in the Town's <i>right-of-way</i> on the Scenic Road: Main Street from Holliston Street to Franklin/Highland Street will be reconstructed					
	way on the Scenic Road:					
				de sidewalk, changes in profile, and		
				ne tree removal and stone wall relocation.		
		See attached sheet	s for more information.			
3A.	maintain, reconstruct or at Town Hall, 155 Villag must visit the site to a	r pave? You must ge Street, 508-533 nswer Questions 3	contact the Medway -3275 to answer this 3A and 3B and sign b			
	X YES - If YES, please answer 3B			NO - If NO, skip 3B and go to 4A		
	The of	nico		June 10, 2015		
	Signature of Medway DPS Representative			Date		
	Town's right-of-way of a portion thereof?	a Scenic Road invol	ve the tearing down o	r destruction of a stone wall or any		
	X YESNO To be relocated and reconstructed.					
A.	Are there any $tree(s)$ located within the Town's right-of-way of the Scenic Road? You must contact the Medway Tree Warden Brutus Cantoreggi to answer this question. Leave a message for him at 50 533-3275. The Tree Warden must visit the site to answer Questions 4A and 4B and sign below.					
	X YES III	XES, please answe	r 4B1	NO - If NO, skip 4B and go to 5		
	1 CAN MES	9		June 10, 2015		
/	Signature of Me	dway Tree Warden		Date		
В.				intain, reconstruct or pave in the g or removal of a tree(s)?		
	X YES	NO				
A.	•	f question 3B OR 4B was answered YES, a Scenic Road public hearing and Work Permit are equired. You must complete the remainder of this application on the reverse side.				
В.	NOT required; you do not application with the Med	ot need to complete Iway Planning Boar	the rest of this applicand. No further action is	June 10, 2015		
	Signature of Ap	pplicant		Date		

MEDWAY SCENIC ROAD WORK PERMIT APPLICATION

Medway Planning Board

155 Village Street, Medway, MA 02053 508-533-3291

If you answered YES to Question 3B or 4B, a Scenic Road Public Hearing and Work Permit are required. Please complete the rest of this application. Prepare the following items as attachments. Sign below and file this application with all required supplemental materials to the Medway Planning Board, 155 Village Street, Medway, MA 02053. Submit the original application and 8 copies of each item A – E noted below.

below.			
	rea (where work is proposed involvation of stone walls), the location	wings showing the location of the proposed ving the <i>cutting or removal</i> of <i>trees</i> or the of <i>trees</i> and <i>stone walls</i> , and the boundaries	tearing
	Written statement explaining the parties walls, or portions thereof.	purpose and need to cut or remove tree(s)	or tear down
	lacement trees or the reconstruction o	atives, proposed compensatory actions (sufficiency states) and mitigation measures (payroul of tree(s) or the tearing down or destruction	ment in lieu of
D)	Photographs of all stone walls and	d trees within and adjacent to the proposed	l disturbance
E) evaluating yo		at you believe may be useful to the Plannin	g Board in
		Board of Assessors. (For purposes of Scenly adjacent to and directly opposite from the reet or way.)	
G) wall(s); \$200 of Medway.)		fee - \$100.00 if the project involves a <i>tree</i> (stone walls. (<i>Please make check payable</i>)	
acknowledge to (adopted July responsible for If my project in temporarily affi project involved ays before the and/or comper	hat I have read the Rules and Regulation (6, 2002). I understand that, in addition the additional expense of advertising to volves a stone wall, I will post notice of exing a ribbon or other flagging material is a tree(s), I understand the Tree Wards public hearing. I will abide by the decipation in the property of the decipation in the tree was a stree of the decipation of the tree was a stree of the decipation in the dec	Road Work Permit to the Medway Planning Boad ons for Review and Issuance of Scenic Road I to the Scenic Road Work Permit Application Fishe public hearing as specified in the Rules and the public hearing at least seven (7) days before to the stone wall such that it is visible from the len will post a notice directly on the tree(s) at least of the Medway Planning Board regarding Rules and Regulations. I understand that I may	Work Permits Fee, I am d Regulations. ore by e road. If my east seven (7) restoration
0 20	Thries	June 10, 2015	
Signat	ure of Applicant	Date	

MEDWAY SCENIC ROAD PERMIT APPLICATION

RT 109 RECONSTRUCTION PROJECT

- A) RT 109 Main Street is currently on the State's transportation improvement project list for reconstruction beginning in 2016. The project extends from Holliston Street to Franklin/Highland Street. Seven scenic roads intersect Main Street within the project limits. These are Elm, Evergreen, Franklin, High, Highland, Lincoln, and Winthrop. The project as a whole involves adding sidewalk to the south side of Main Street, adding decorative streetlights, complete roadway and sidewalk reconstruction, new traffic signals, added street trees, a new Choate Park/Thayer House entrance, and much more. Total project cost will be \$13 million. Construction plans at each scenic road is included.
- B) As part of the roadway work, all vertical curves will be adjusted as much as possible to improve sightline distance. In addition, all intersections are widened and geometry improved, again, to improve access and sightlines. With this work, every scenic road will have some pavement and sidewalk work performed within the first 100 feet or so of Main Street. In two cases, Franklin and Elm, the work to be performed is substantial enough that trees and stone walls are impacted.
 - Franklin Street will have trees removed as indicated on the plans at the west side of the intersection with Main Street. Elm Street requires additional work due to its poor geometry. Again the west side is impacted. An existing stone wall will be curved to the south to allow for the change in approach. This will also require removal of trees in this location.
- C) MassDOT governs the design as it relates to vertical curves and intersections in accordance with best safety practices. Waivers can be granted in some cases, however Medway DPS believes that the changes as proposed are in the best interests of the community. Since the impacts are at the intersection of Main Street, the actual impact to the scenic nature of the roadways is negligible. Main Street will be gaining cement sidewalks on both sides with granite curbing, ornamental streetlights, added street trees, a new Choate Park/Thayer House entrance, and more. The proposed work will more than compensate for the tree removal and stone wall relocation required.

D) Franklin Street Impacted Area























