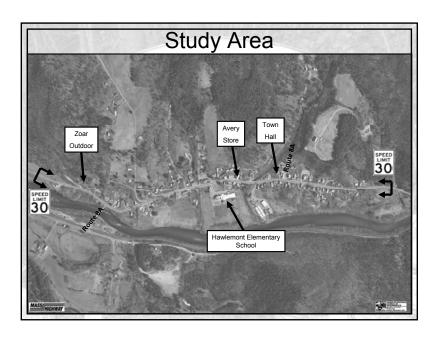
Background

- April 1999 Select Board letter to FRCOG expressing interest in participating in a Study to evaluate Traffic Calming Measures, specifically to reduce vehicle speeds through the Village Center.
- July 1999 FRCOG Conducted Traffic Counts to quantify extent of speeding problem.
- August 1999 FRCOG met with MassHighway District 1 to discuss applicability of Traffic Calming Measures along Route 2. MassHighway agreed to include Village Center work in designs for the reconstruction of 11 miles of Route 2 through Charlemont.
- November 1999 FRCOG met with the Select Board to discuss Traffic Calming and the collected Speed Data.
- August 2000 Brainstorming meeting with Town Representative, Business Representatives, MassHighway and FRCOG. Outcome - MassHighway to investigate feasibility of various measures.
- October 2000 Site walk to identify possible locations for new sidewalks and crosswalks along the length of Village Center.

MASS





Background

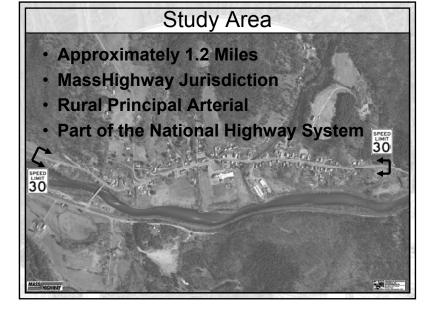
- 2000 through 2006 Project on hold due to change in priorities to resolve bridge and culvert issues along Route 2.
- March 2006 Met with Charlemont Master Plan Committee to provide update on Status of Project.
- April 2006 MassHighway and FRCOG met to develop plan to restart project.
- September 2006 FRCOG repeated Traffic Counts.
- March 2007 MassHighway completed review of applicable traffic calming measures and sidewalk and crosswalk improvements.
- · February 2008 Public Information Meeting.
- Future Review feedback from Community and develop preliminary plans.

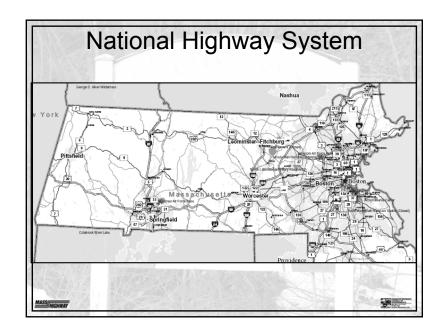
Present preliminary plans to the Community for further feedback.

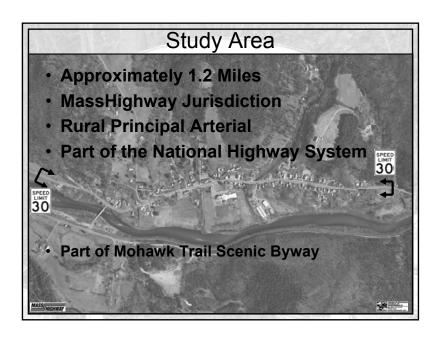
Develop detailed plans.

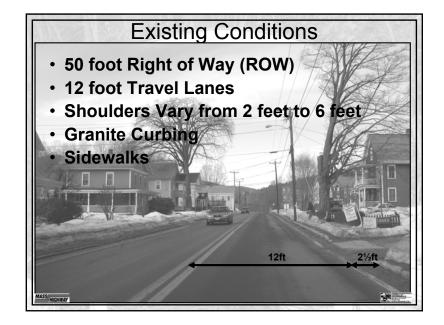
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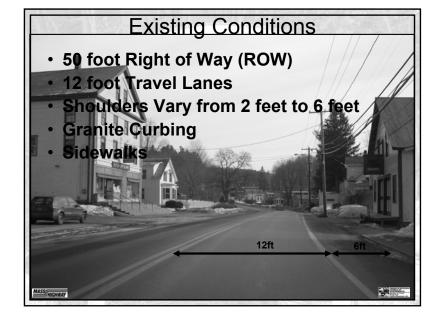


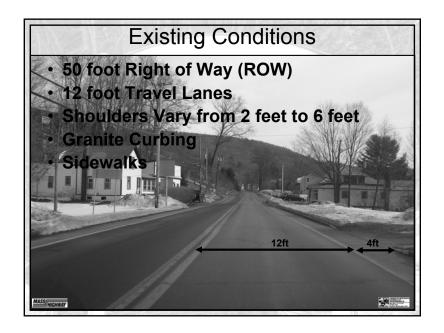


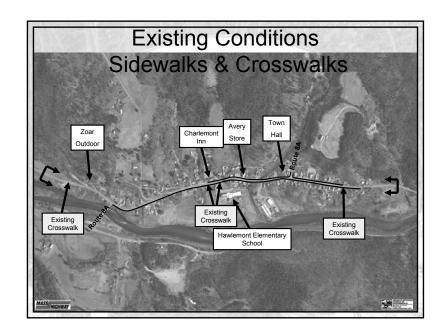


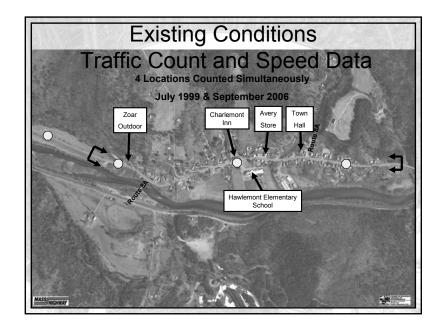


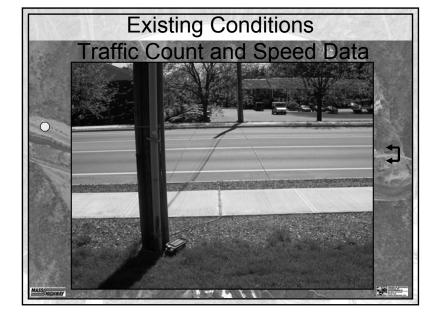


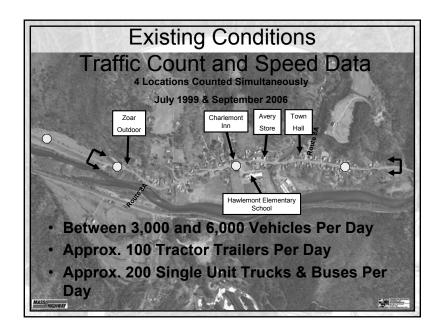


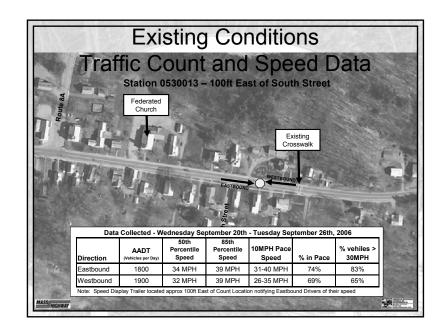


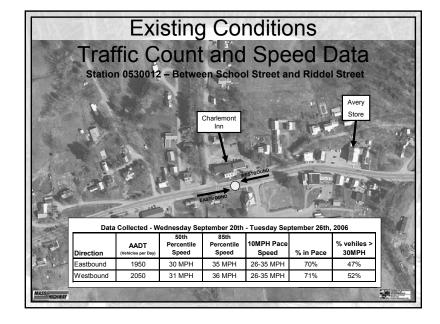


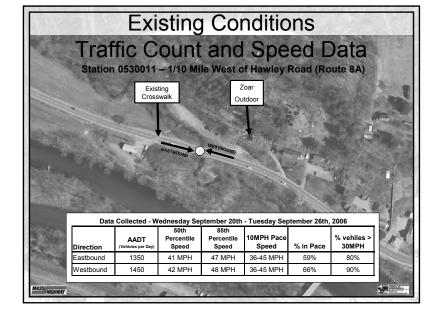


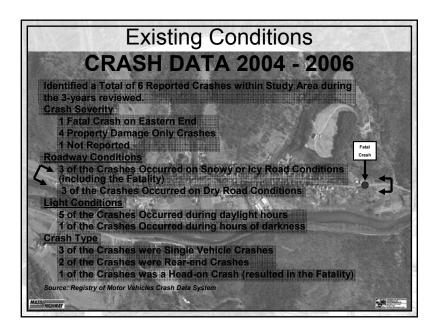












		Traffic Calming and Traffic Management Applicability by Roadway Type				
	Arterials	Major Collectors	Minor Collectors	Local Roads		
Street Narrowing						
Narrow Lanes		Δ				
Raised Curbs						
Street Furniture		•	•	•		
Street Trees						
Street Lighting	•	•	•	•		
Spot Narrowing	Δ					
Medians and Crossing Islands						
Curb Extensions			•	•		
Road Diets	Δ	Δ		•		
Building Siting			•	-		
Horizontal Deflection Chicanes Crossing Islands/Short Medians		•		÷		
Mid-Block Traffic Circles			Δ	•		
Roundabouts			•	•		
Lane Offsets		Δ	Δ	•		
Profile Alterations						
Speed Humps		Δ	Δ	•		
		Δ				
Raised Crosswalks		Δ		•		
Raised Crosswalks Raised Intersections		- 4				
	•	•	•	•		

Traffic Calming

- Traffic calming measures are physical road design elements intended to reduce vehicle speeds and improve driver attentiveness.
- Traffic calming incorporates three major categories of design measures:
- 1. Narrowing the real or apparent width of the street.
- 2. Deflecting (introducing curvature to) the vehicle path.
- 3. Altering the vertical profile of the vehicle path.

Source: MassHighway Project Development and Design Guide - Chapter 16

Traffic Calming Exhibit 16-2 Traffic Calming and Traffic Management Applicability by Roadway Type Street Narrowing Narrow Lanes Note: Does not mean that Raised Curbs Street Furniture these measures are suitable for all locations Street Lighting on Arterials Road Diets **Building Siting** Horizontal Deflection Chicanes Crossing Islands/Short Medians Mid-Block Traffic Circles Lane Offsets Profile Alterations Speed Humps Raised Crosswalk Raised Intersections Textured Pavemen Source: MassHighway Project Development and Design Guide - Chapter 16

Measures Considered

- Speed Humps/Tables
- Crossing Islands/Short Medians
- Crosswalk Curb Extensions (Build Outs)
- Intersection Curb Extensions
- Shoulder Treatment
- · Gateway Treatment
- Enhanced Signage
- Enhanced Crosswalk Markings
- Enhanced Pavement Markings ("SLOW", "PED XING", SCHOOL, etc.)
- Landscaping sidewalk buffers
- Pedestrian Level Street Lighting

MASS



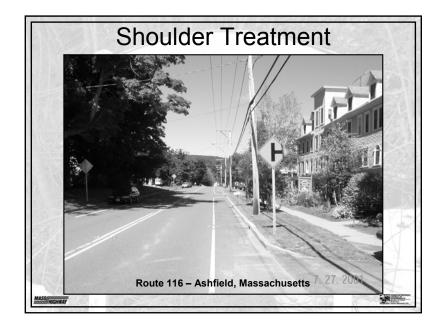
Measures Explored Further

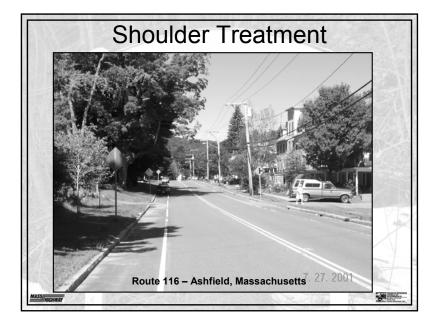
- Shoulder Treatment
- Gateway Treatment
- · Enhanced Signage
- Enhanced Crosswalk Markings
- Enhanced Pavement Markings ("SLOW", "PED XING", SCHOOL, etc.)
- Intersection Curb Extensions

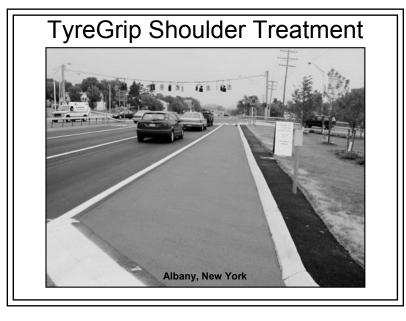
Have applicability, but felt their Traffic Calming Benefits were limited:

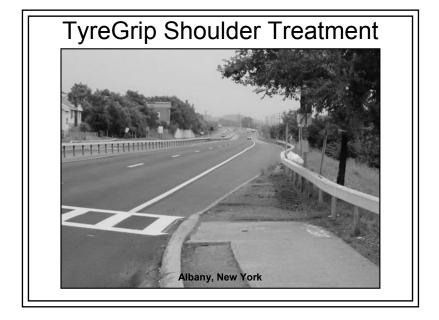
- Landscaping sidewalk buffers
- Pedestrian Level Street Lighting

ASSTHIGHWAY

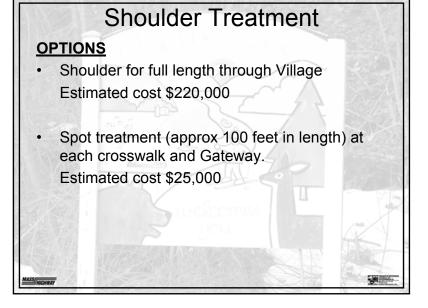


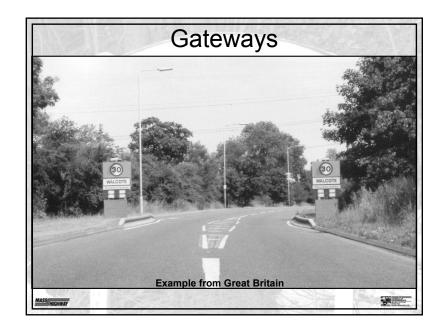


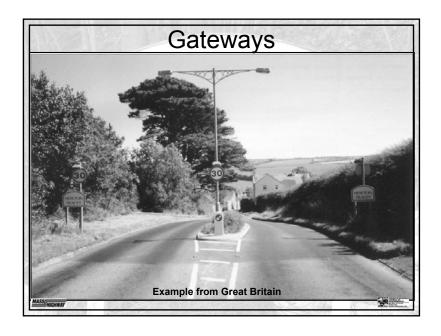


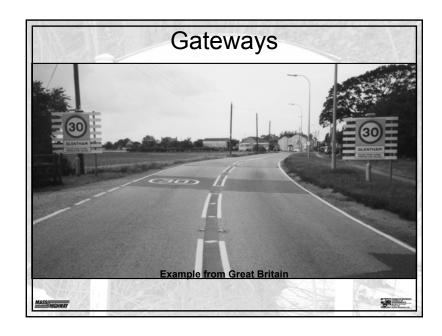


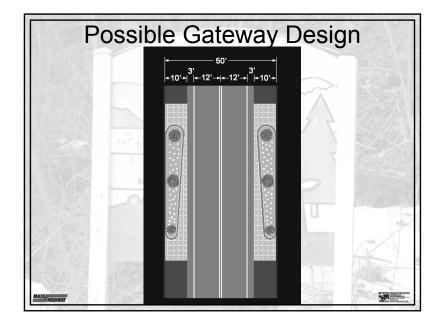


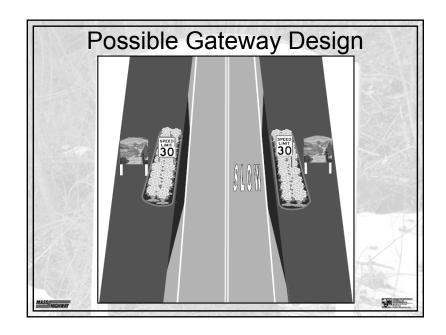




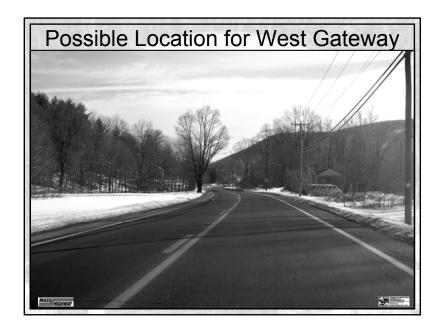


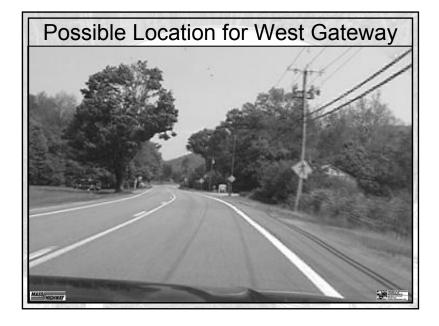


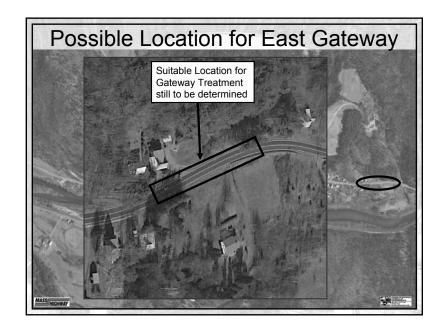


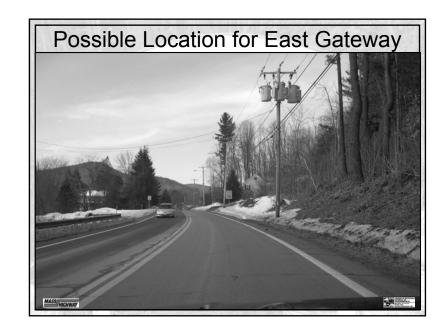


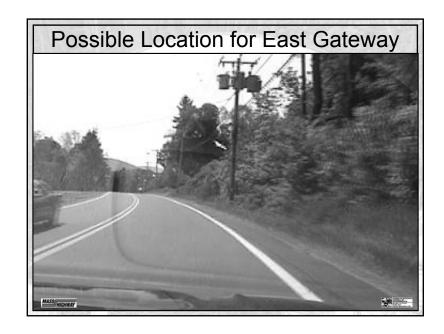


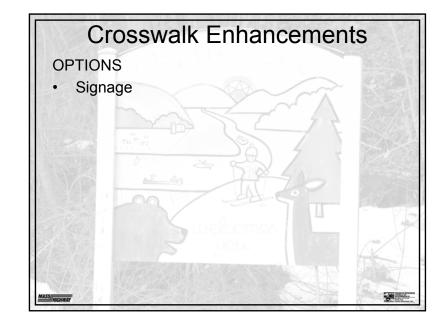


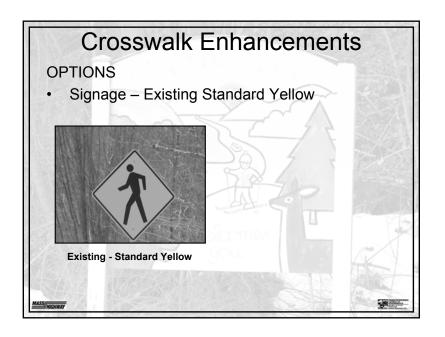


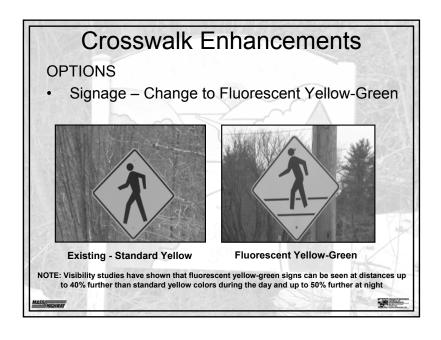






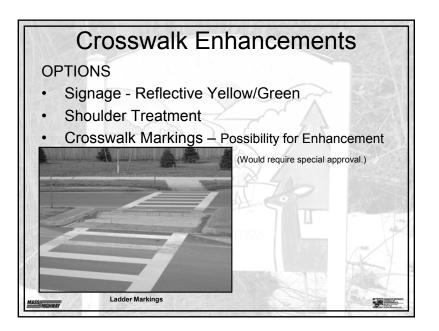




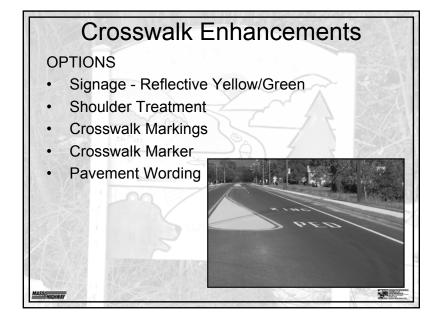


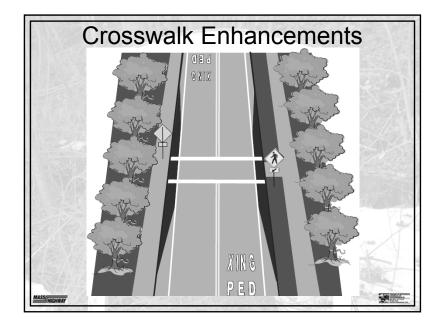


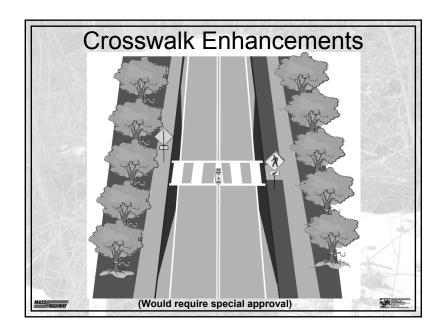


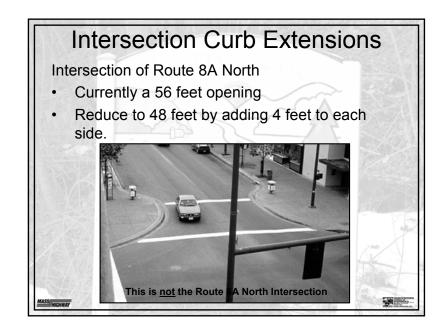


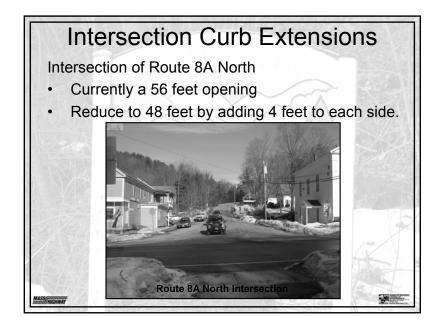




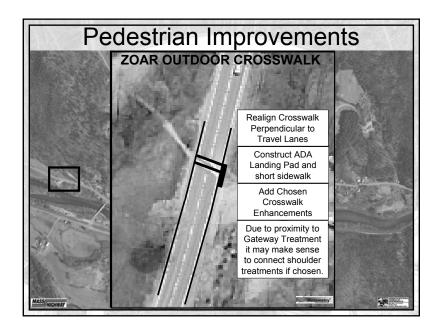




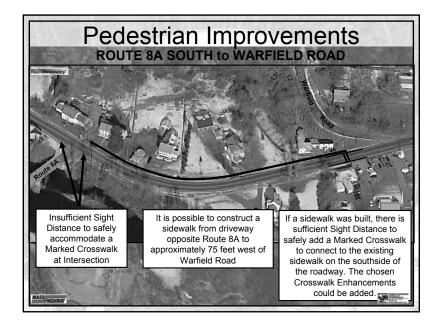


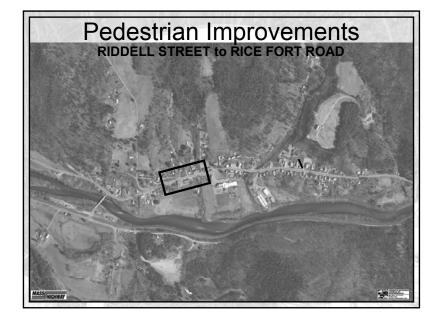


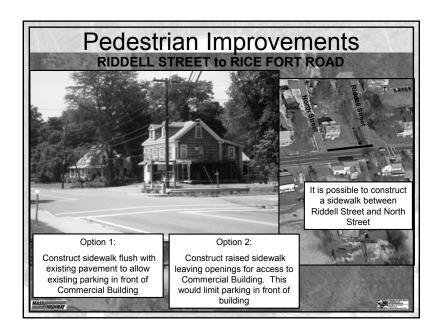


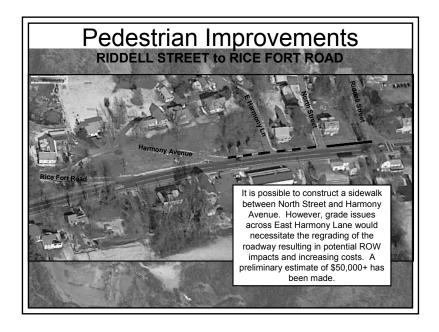






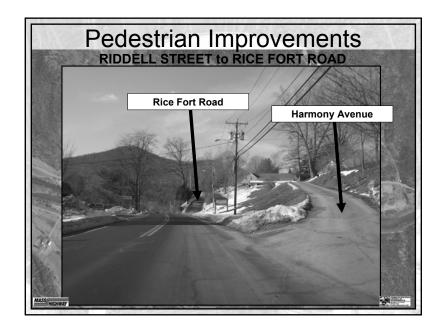


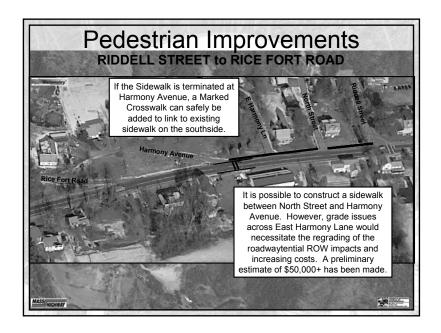


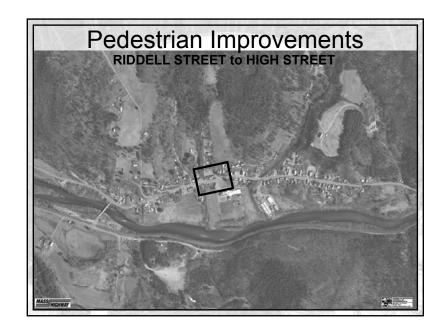






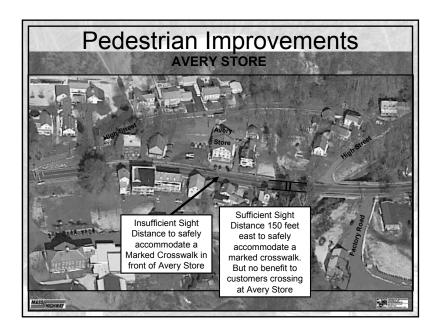






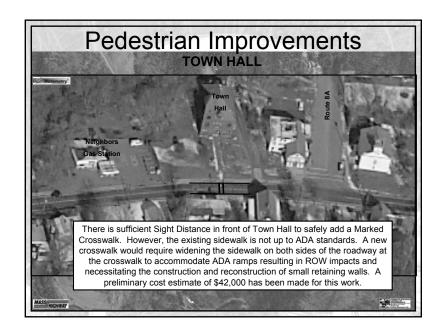


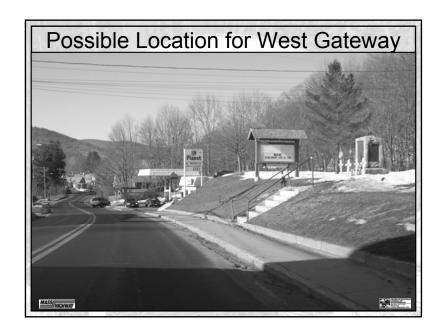


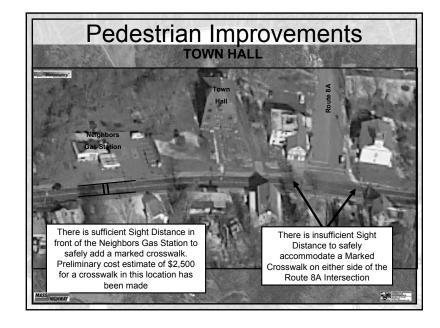


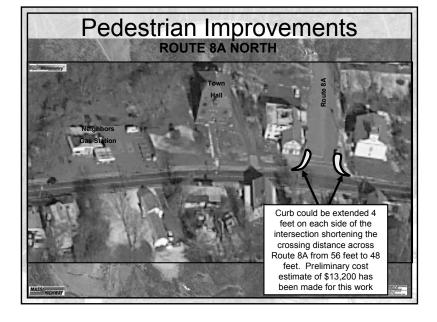


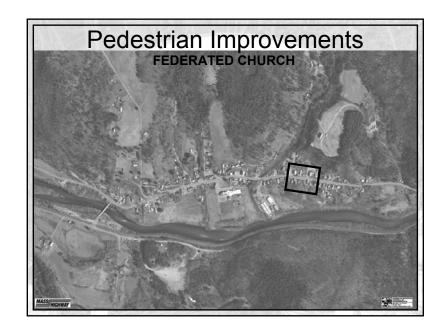








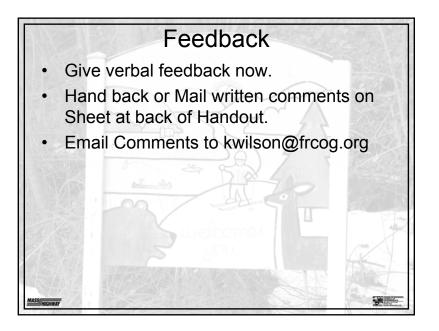


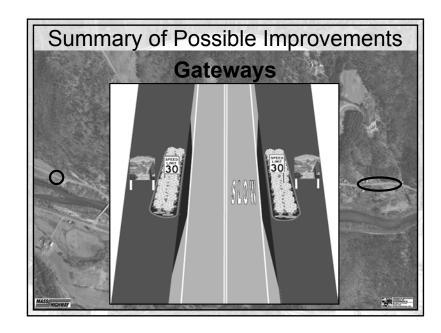


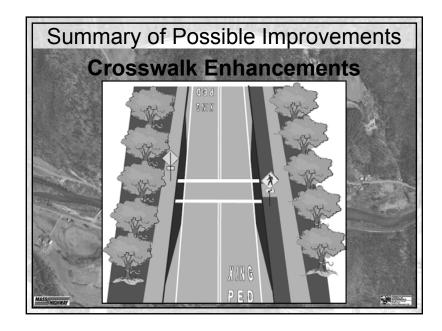


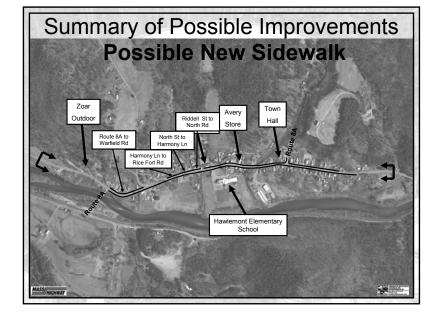


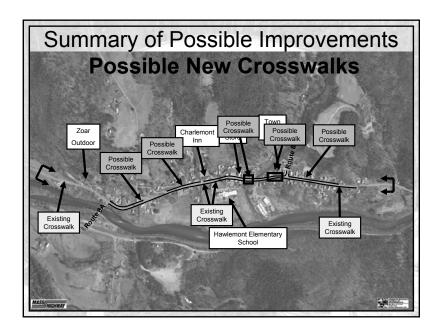


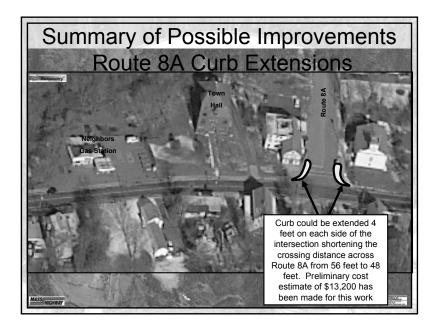












Next Phase

- Review Feedback
- Work with MassHighway District 1 to develop more detailed plans based on feedback.
- Bring back revised plans to the Town for Review.

Thank you for your participation.

Keith P Wilson
Transportation Planning Engineer
Franklin Regional Council of Governments
425 Main Street, Suite 20
Greenfield, MA 01301
413-774-1194 x109
kwilson@frcog.org