

Planning Board

Public Meeting on Roads/Bikeways/Traffic Calming November 28, 2018

Attendees. Board members: Jenks, Eiseman (recording), Laurie, Dewey, Wilson

Others: Becky Basch and Corrine Meise-Munn (PVPC presenters), Joe Larson, Bruce Klotz,

Kristin DeBoer, Ann McNeal, Tilman Lukas, John Trickey, Fran Ozereko, Jonathan Woodbridge, others not recorded.

Topics covered in the presentation.

Overview: This effort is the result of a grant for Technical Assistance from the Pioneer Valley Planning Commission with the intention of creating a conceptual design for the West Pelham Village Center to address traffic speed and traffic calming possibilities as well as to begin planning for possible bike and pedestrian access to the Village Center. In 2016 the average daily traffic count (ADT) was between 1900 to 2000 vehicles contrasted with Daniel Shays Highway at 4500 to 7500; these numbers have an affect upon what designations the state will permit as well as the feasibility of some sorts of businesses wanting to locate in Pelham.

For an outline of the topics and information presented, see the accompanying document entitled Walking, Biking and Traffic Calming in West Pelham Village Center.

Comments/Breakout Groups

The audience expressed interest having a traffic light and questioned the designation of “thickly settled.” Phased vs. prioritized installation of speed tables was discussed. A clearly perceived need was expressed to slowing speeds to 20 or 25 mph in the Mixed Use District and for an enforced speed limit of 35 mph for the remainder of Amherst Road in the Village Center District, beginning with a slow down from Arnold

and/or Jones Road and signage from there to the town line with appropriate notice and speed table design. Member Wilson heard the following additional comments during the breakout groups: the town needs to get it right before development starts; the town has a moral obligation not to endanger pedestrians and cyclists who use the road; the Town has a responsibility not to put pedestrians in harm's way by placing sidewalks and cross walks on a dangerous road.

It was noted that a Complete Streets prioritization project requires engineer being hired to look at all forms of transportation. Eiseman observed that money would be an issue and that more deliberation would be needed but that the first step should be a traffic study to understand just what is going on. Many seemed to agree that speed reduction was a critical first step toward making the Village Center work to reach the vision of a "real" center for the town.

The PVPC consultants will provide a report and map of the possible designs for further discussion and potential action steps.

Meeting adjourned at 8:45 pm with some attendees remaining to discuss issues informally.

Walking, Biking & Traffic Calming in West Pelham Village Center

Public Forum

November 28, 2018



Agenda

1. Overview & Purpose of tonight's meeting
2. Existing Conditions
 - a) Traffic Counts, Crash Data & Traffic Speeds
 - b) Road Widths & Right-of-Way (ROW)
3. Traffic Calming in West Pelham - Conceptual Plan based on new Village Center Zoning standards
4. Planning for walking and biking townwide
5. Comments/Breakout Groups

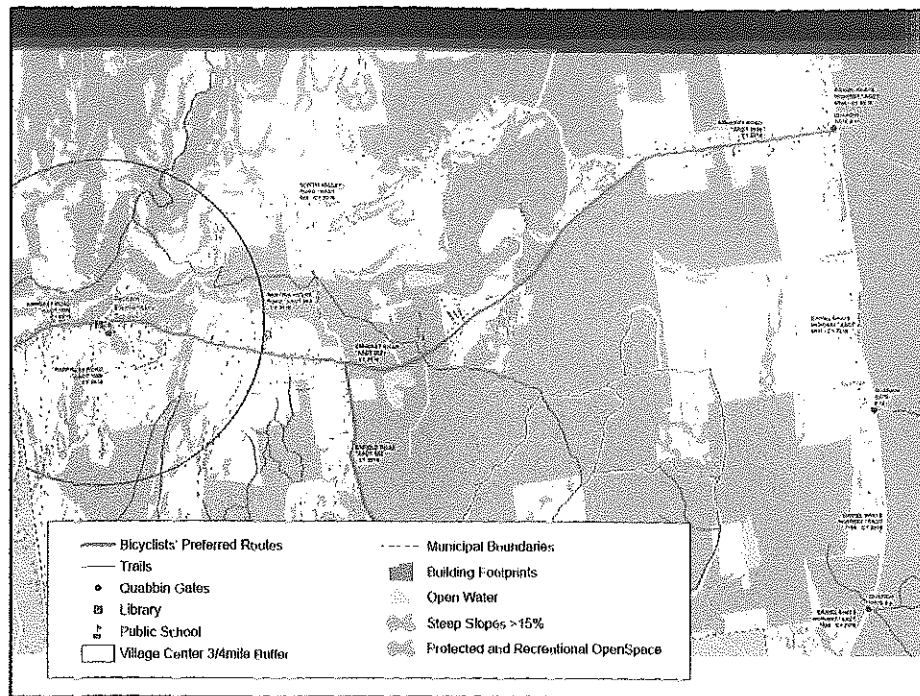
Overview

2018 District Local Technical Assistance (DLTA) Grant

- Review streets & traffic data for bike and pedestrian needs in Pelham
- Prepare conceptual design for West Pelham Village Center to address traffic speed and walkability; use standards included in **Village Center Zoning**
- Gather feedback on priorities for roadway modifications for bicycle and pedestrian use

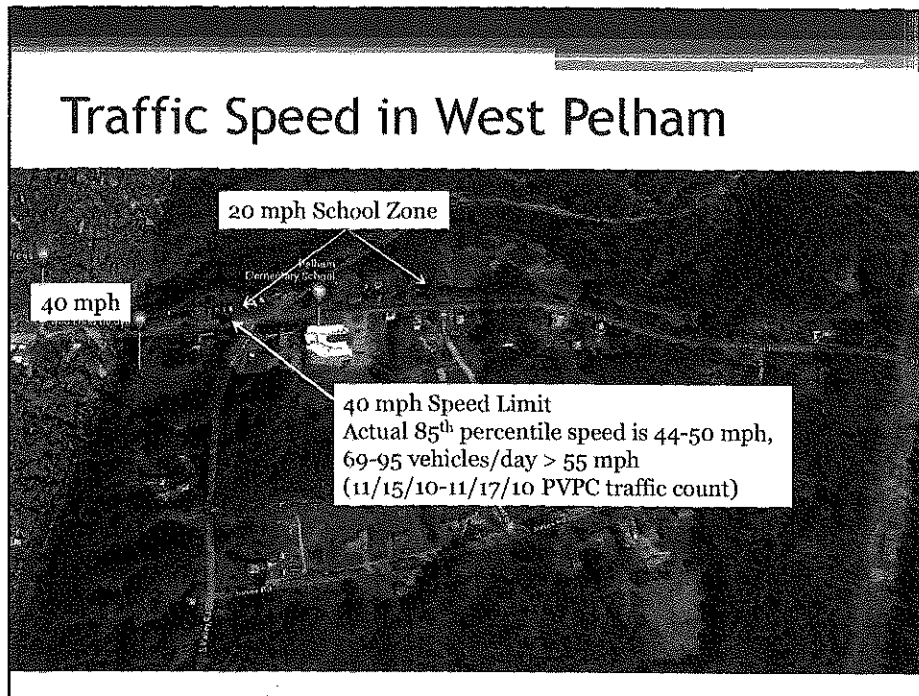
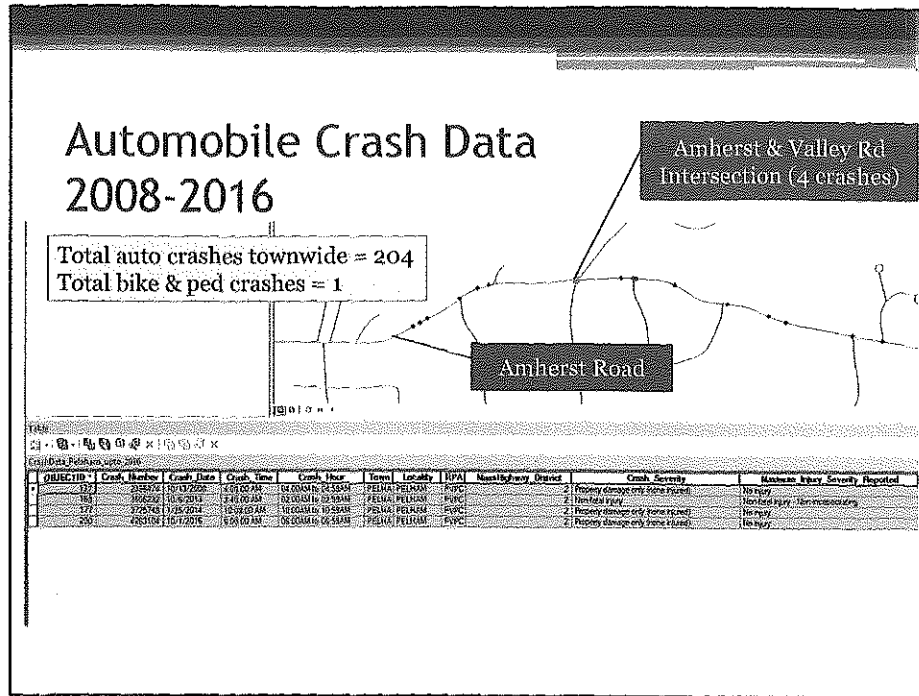
Existing Conditions

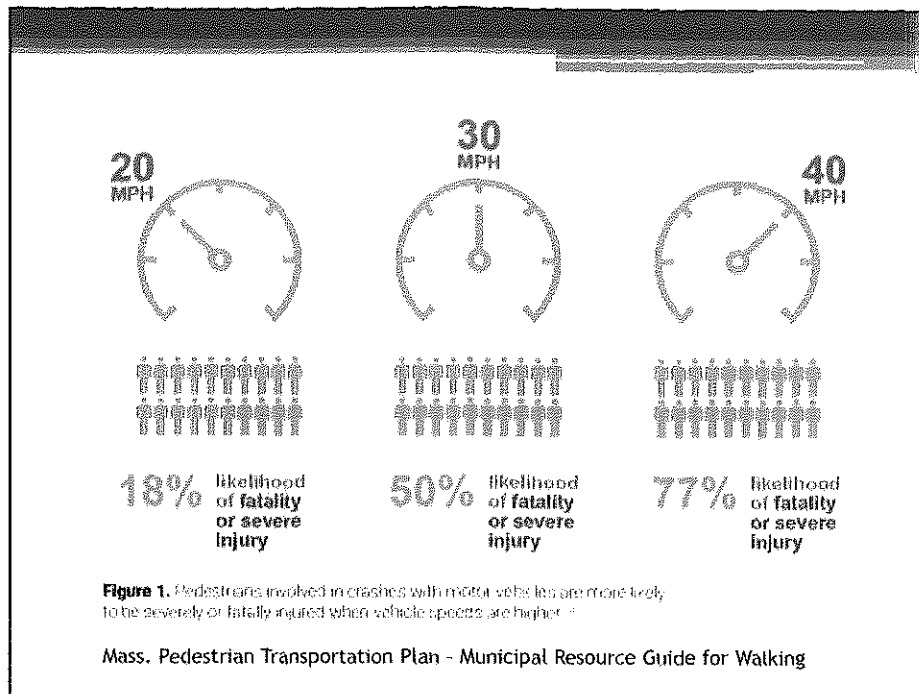
- Primarily rural roads with **low Average Daily Traffic (ADT)** counts – exceptions on Rte 202 & Amherst Road
- **Low numbers of crashes** (1 bike & ped, 204 auto spread out on town roads over last 5 years)
- Traffic traveling at **high speed** on Amherst Rd downhill into West Pelham Village Center
- No bike lanes or sidewalks
- Challenging topography and visibility for biking and walking on roads



Average Daily Traffic (ADT)

- Highest counts on Rte. 202/Daniel Shays Highway – **4,500 – 7,500** ADT (CY 2016)
- Amherst Road –
 - 1,900-2,000 ADT in 2016 (special Mass DOT count)
 - 3,000 ADT West of Valley Road, 5,000 East of Valley Road (PVPC count in 2010)
- Harkness Road – ~ 1,000 ADT
- Most other roads – ~500 ADT





Village Center Conceptual Plan Goals:

1. Reduce traffic speed
2. Create a walkable village center with connections to neighborhood streets, school, library
3. Work within parameters of new Village Center Zoning
4. Work within existing Town Right-of-Way and road widths

Village Center Zoning

H. Site Design and Landscaping

(3) Sidewalk Requirements for the Village Center Mixed-Use District:

- (a) A minimum 5' wide sidewalk and/or side path shall be built along the full width of all parcels in the Village Center Mixed-Use District... Sidewalks shall be constructed within the road right of way where possible.

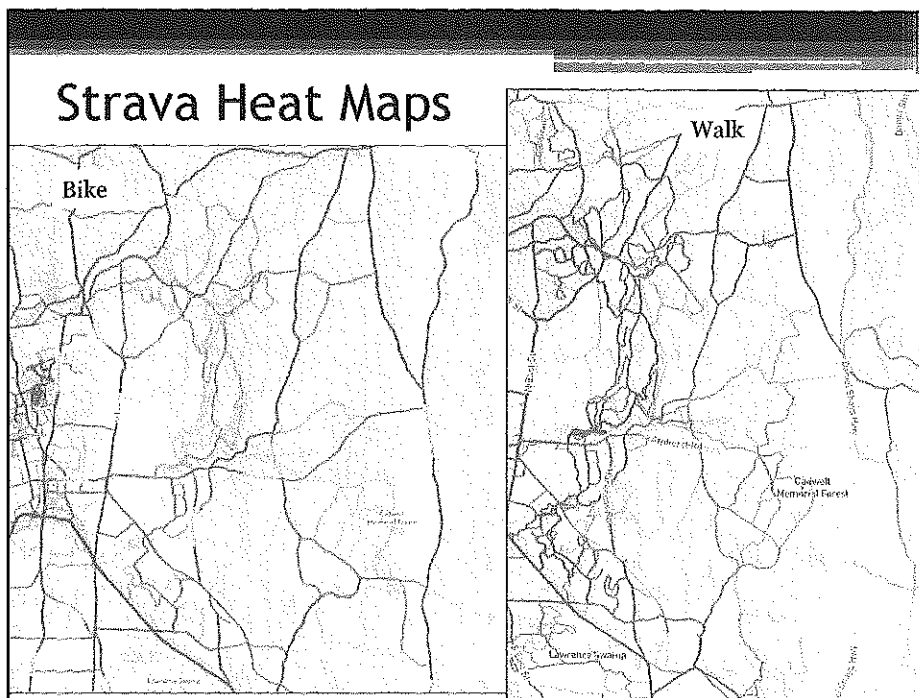
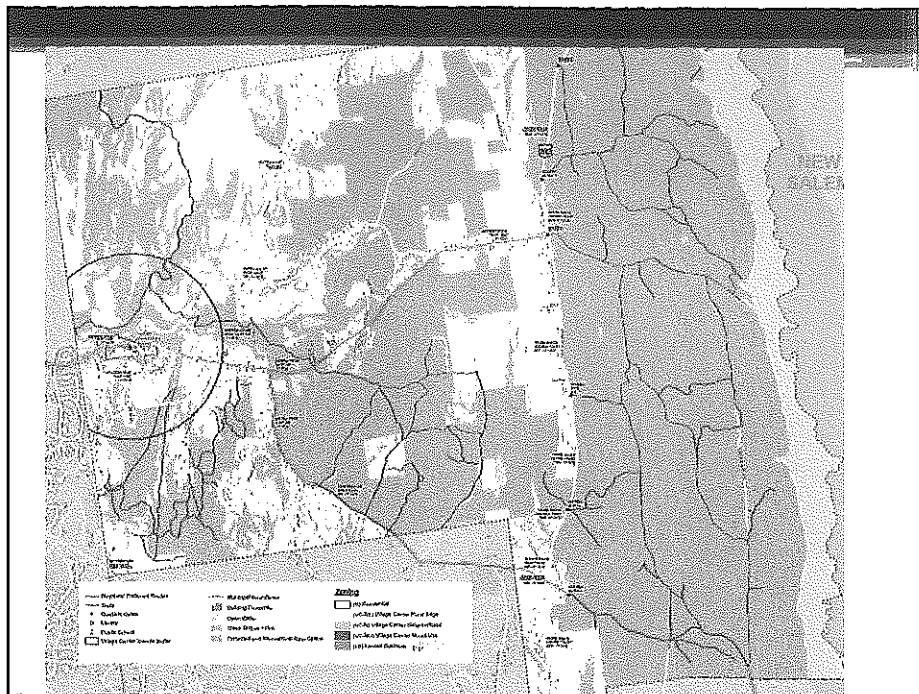
Village Center Zoning (cont.)

- (b) A tree belt that is **at least six feet wide** shall be provided between a sidewalk and the street edge.
- (c) **Street Trees.** Street trees shall be planted at regular intervals within the street right-of-way parallel to the street along all streets. When possible, street trees shall be planted in the tree belt. Spacing of street trees shall be determined by the species chosen, with the intent that street trees will form a complete canopy upon maturity.

Questions & Comments

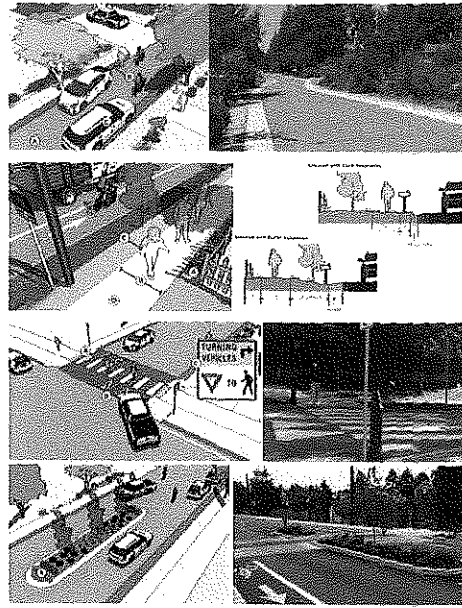
Planning for Biking & Walking in Pelham

1. Identify routes for recreation and/or commuting by walking or biking
2. Identify where road modifications are needed to encourage safe biking & walking
3. Consider adopting a **Complete Streets** policy
 - Apply for funding for a Complete Streets Prioritization Plan (\$38K)
 - Apply for funding for priority projects (~\$400K)

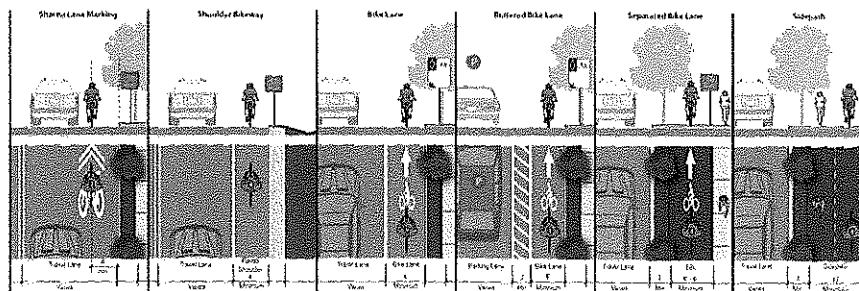


Pedestrian Facility Types

- Local Shared Roadway
- Sidewalk
- Raised Crosswalk
- Center Islands

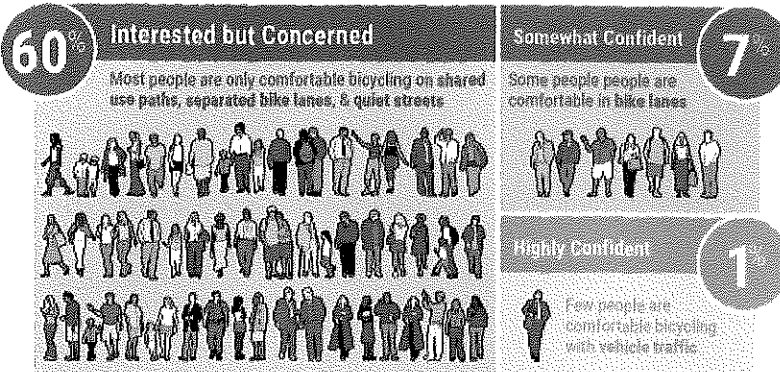


Bikeway Facility Types



- National Association of City Transportation Officials (NACTO) **Urban Bikeway Design Guidelines** and
- Urban, Rural and Suburban Complete Streets Design Manual for the City of Northampton and Communities in Hampshire County











Biking must be safe, comfortable, & convenient to appeal to a broad range of people



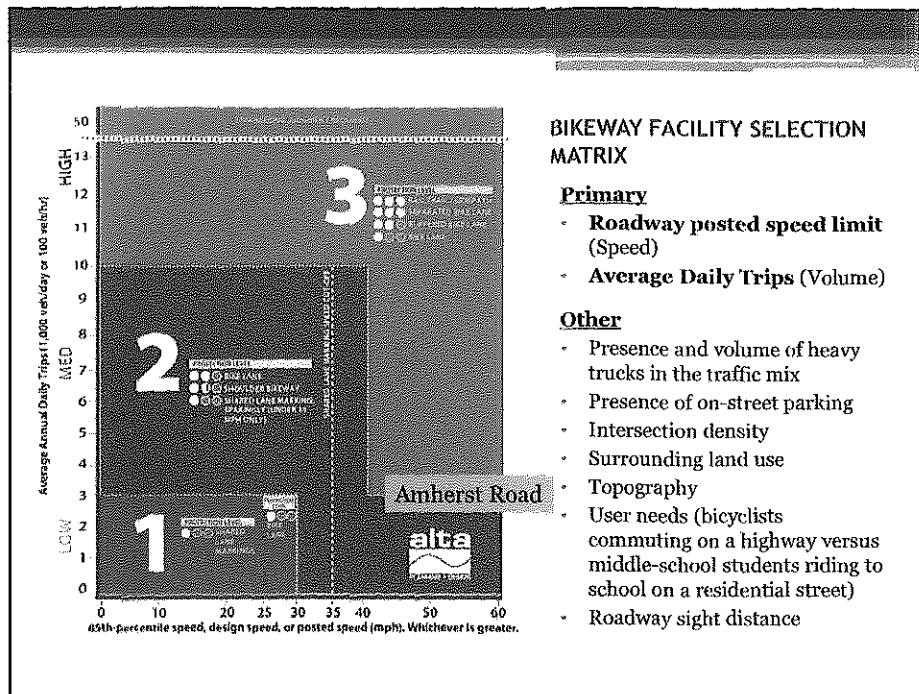
Massachusetts Bicycle Transportation Plan - DRAFT Municipal Resource Guide

Bicycle Level of Comfort (draft)

Example from Cambridge Bike Network Plan

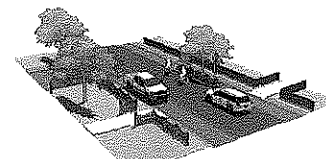
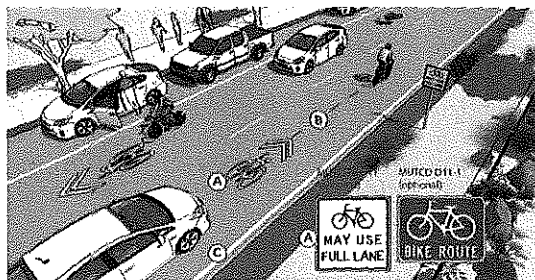
Bicycle Level of Comfort	Typical Criteria	Examples
1	Protected/Separated or Shared with ADT <2K or Shared with Speed <30 mph	  
2	Wide/Buffered Shared Lane or Bike Lane without Adjacent Parking or Shared with ADT <4K or Shared with Speed <40 mph	 
3	Bike Lane with Adjacent Parking or Shared with Speed 40-50 mph or Shared with ADT 4-6K or Narrow/Operating Street	 
4	Shared with Speed 50+ mph or Shared with ADT 6-15K or High Frequency Bus	 
5	Shared with Speed 35+ mph or Shared with ADT >15K	 

Source: Cambridge Bike Network Plan presentation



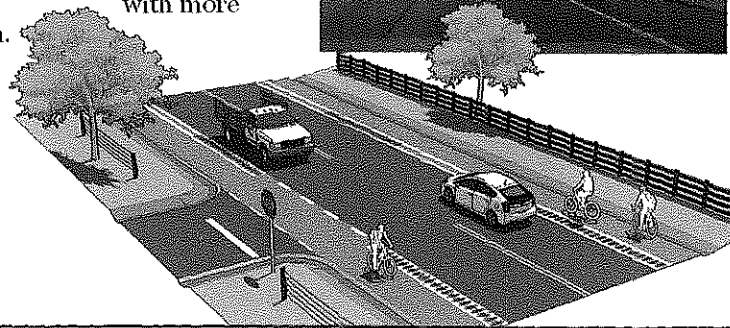
Yield Roadway/Shared Lane Marking

A yield roadway is designed to serve pedestrians, bicyclists, and motor vehicle traffic in the same slow-speed travel area. Yield roadways serve bidirectional motor vehicle traffic without lane markings in the roadway travel area.

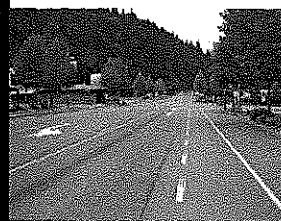


Shoulder Bikeway

Paved shoulders on the edge of roadways can be enhanced to serve as a functional space for bicyclists and pedestrians to travel in the absence of other facilities with more separation.

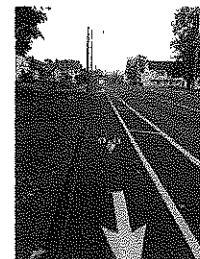


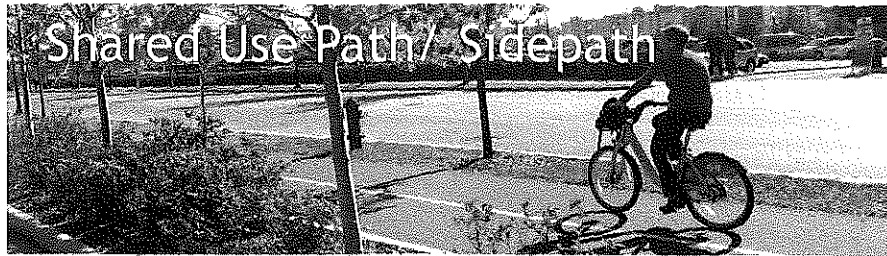
On Road Bike Lane



Designates an exclusive space for bicyclists through the use of pavement markings and signage. Located adjacent to travel lanes and flows in the same direction as car/bus/truck traffic.

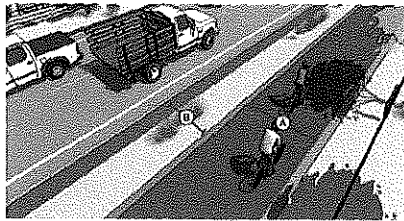
The preferred min width of a bike lane is 6.5 ft (2.0 m) to allow cyclists to ride side-by-side or pass each other without leaving bike lane.



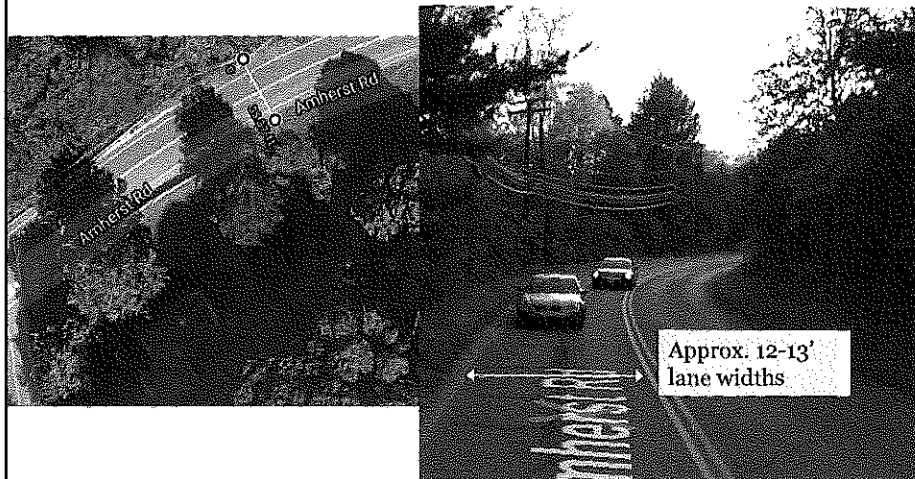


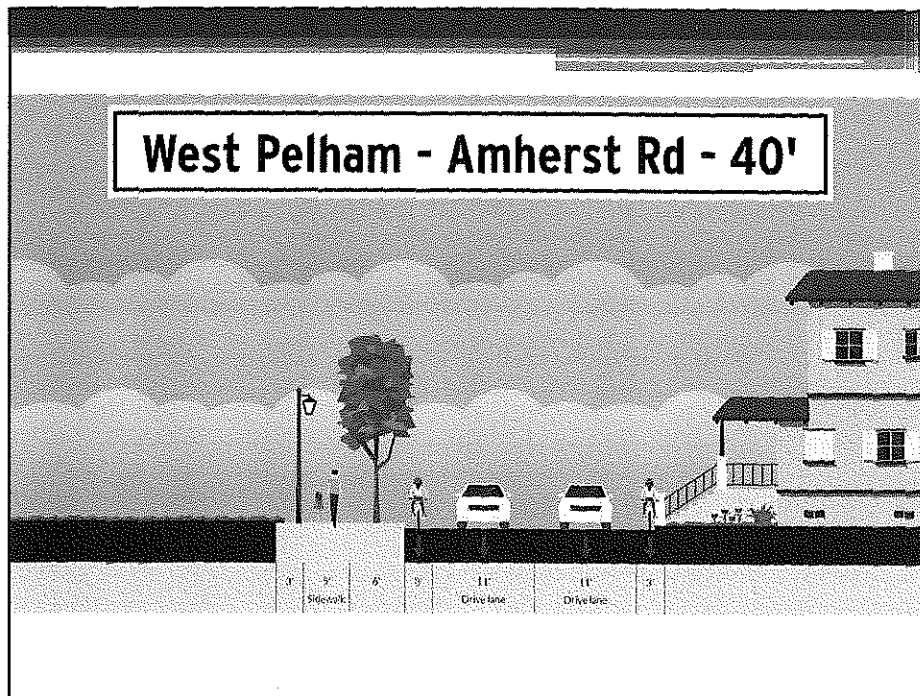
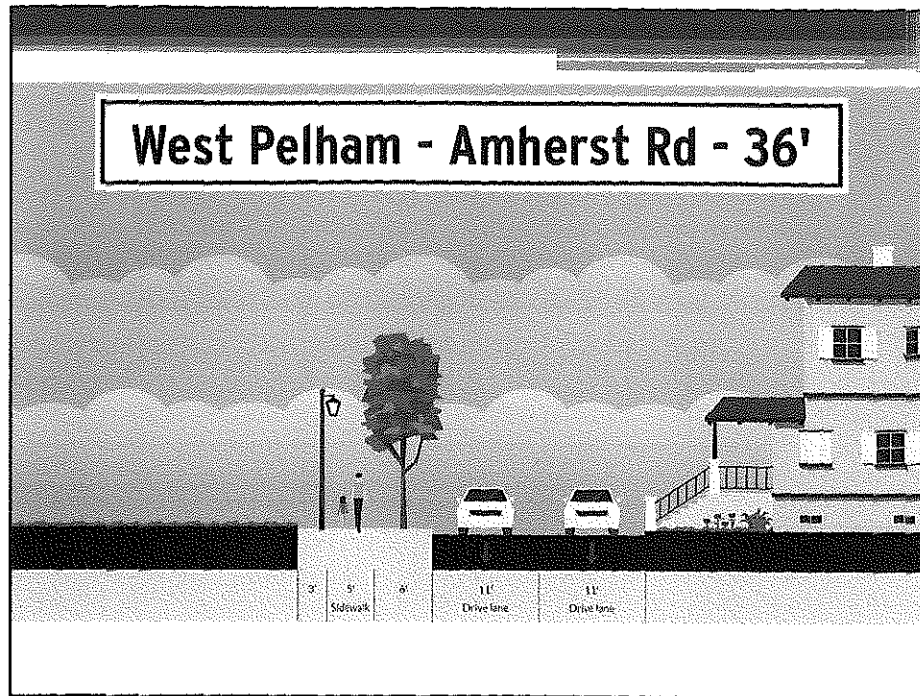
Sidepaths typically provide a more comfortable bicycle facility than on-road bikeways, especially for less experienced riders or children.

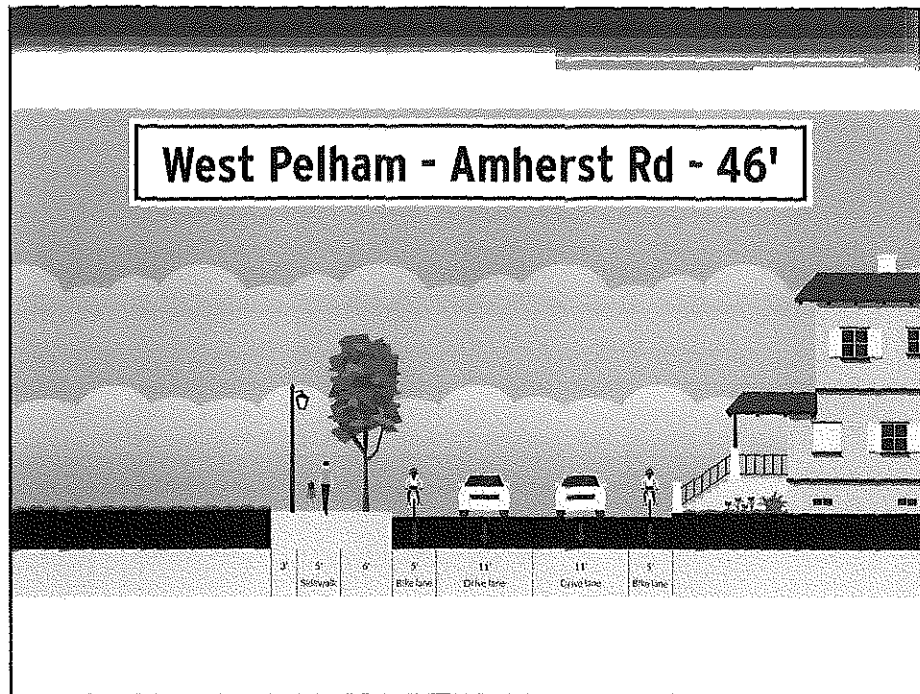
A bidirectional shared use path located immediately adjacent and parallel to a roadway.



Road & Right-of-Way Widths







Break-out Groups

Instructions

1. Mark desired routes for Biking (BLUE) and Walking (RED) on large map. Use Post-Its for comments. (10 min)
2. Add comments to Conceptual Plan of Village Center. Use Post-Its for comments. (10 min)
3. List Priority Streets/Sections for Biking & Walking
4. Report back (10 min)

Contact info & Resources

- Becky Basch -- bbasch@PVPC.org
- Corrin Meise-Munns -- cmeisemunns@PVPC.org
- MassDOT Municipal Resource Guide for Walkability - https://www.mass.gov/files/documents/2018/09/17/MunicipalResourcesGuideForWalkability_2018-08-24.pdf
- MassDOT Municipal Resource Guide for Bikeability - <https://www.mass.gov/service-details/bicycle-plan>
- Complete Streets - <https://www.mass.gov/complete-streets-funding-program>
- Safe Routes to School - <https://www.mass.gov/safe-routes-to-school>
- Manual on Uniform Traffic Control Devices - <https://mutcd.fhwa.dot.gov/hlm/2009/part4/part4c.htm>

Pioneer Valley Planning Commission

60 Congress Street
Springfield, MA 01104
(413) 781-6045 / www.pvpc.org

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Location: Pelham
Operator: MB, JR
Counter #: 1456
Road Class: US

Site Code: 9637

WB	Start	1	18	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96	101	106	111	116	121	126	131	136	141	146	151	156	161	166	171	176	181	186	191	196	201	206	211	216	221	226	231	236	241	246	251	256	261	266	271	276	281	286	291	296	301	306	311	316	321	326	331	336	341	346	351	356	361	366	371	376	381	386	391	396	401	406	411	416	421	426	431	436	441	446	451	456	461	466	471	476	481	486	491	496	501	506	511	516	521	526	531	536	541	546	551	556	561	566	571	576	581	586	591	596	601	606	611	616	621	626	631	636	641	646	651	656	661	666	671	676	681	686	691	696	701	706	711	716	721	726	731	736	741	746	751	756	761	766	771	776	781	786	791	796	801	806	811	816	821	826	831	836	841	846	851	856	861	866	871	876	881	886	891	896	901	906	911	916	921	926	931	936	941	946	951	956	961	966	971	976	981	986	991	996	1001	1006	1011	1016	1021	1026	1031	1036	1041	1046	1051	1056	1061	1066	1071	1076	1081	1086	1091	1096	1101	1106	1111	1116	1121	1126	1131	1136	1141	1146	1151	1156	1161	1166	1171	1176	1181	1186	1191	1196	1201	1206	1211	1216	1221	1226	1231	1236	1241	1246	1251	1256	1261	1266	1271	1276	1281	1286	1291	1296	1301	1306	1311	1316	1321	1326	1331	1336	1341	1346	1351	1356	1361	1366	1371	1376	1381	1386	1391	1396	1401	1406	1411	1416	1421	1426	1431	1436	1441	1446	1451	1456	1461	1466	1471	1476	1481	1486	1491	1496	1501	1506	1511	1516	1521	1526	1531	1536	1541	1546	1551	1556	1561	1566	1571	1576	1581	1586	1591	1596	1601	1606	1611	1616	1621	1626	1631	1636	1641	1646	1651	1656	1661	1666	1671	1676	1681	1686	1691	1696	1701	1706	1711	1716	1721	1726	1731	1736	1741	1746	1751	1756	1761	1766	1771	1776	1781	1786	1791	1796	1801	1806	1811	1816	1821	1826	1831	1836	1841	1846	1851	1856	1861	1866	1871	1876	1881	1886	1891	1896	1901	1906	1911	1916	1921	1926	1931	1936	1941	1946	1951	1956	1961	1966	1971	1976	1981	1986	1991	1996	2001	2006	2011	2016	2021	2026	2031	2036	2041	2046	2051	2056	2061	2066	2071	2076	2081	2086	2091	2096	2101	2106	2111	2116	2121	2126	2131	2136	2141	2146	2151	2156	2161	2166	2171	2176	2181	2186	2191	2196	2201	2206	2211	2216	2221	2226	2231	2236	2241	2246	2251	2256	2261	2266	2271	2276	2281	2286	2291	2296	2301	2306	2311	2316	2321	2326	2331	2336	2341	2346	2351	2356	2361	2366	2371	2376	2381	2386	2391	2396	2401	2406	2411	2416	2421	2426	2431	2436	2441	2446	2451	2456	2461	2466	2471	2476	2481	2486	2491	2496	2501	2506	2511	2516	2521	2526	2531	2536	2541	2546	2551	2556	2561	2566	2571	2576	2581	2586	2591	2596	2601	2606	2611	2616	2621	2626	2631	2636	2641	2646	2651	2656	2661	2666	2671	2676	2681	2686	2691	2696	2701	2706	2711	2716	2721	2726	2731	2736	2741	2746	2751	2756	2761	2766	2771	2776	2781	2786	2791	2796	2801	2806	2811	2816	2821	2826	2831	2836	2841	2846	2851	2856	2861	2866	2871	2876	2881	2886	2891	2896	2901	2906	2911	2916	2921	2926	2931	2936	2941	2946	2951	2956	2961	2966	2971	2976	2981	2986	2991	2996	3001	3006	3011	3016	3021	3026	3031	3036	3041	3046	3051	3056	3061	3066	3071	3076	3081	3086	3091	3096	3101	3106	3111	3116	3121	3126	3131	3136	3141	3146	3151	3156	3161	3166	3171	3176	3181	3186	3191	3196	3201	3206	3211	3216	3221	3226	3231	3236	3241	3246	3251	3256	3261	3266	3271	3276	3281	3286	3291	3296	3301	3306	3311	3316	3321	3326	3331	3336	3341	3346	3351	3356	3361	3366	3371	3376	3381	3386	3391	3396	3401	3406	3411	3416	3421	3426	3431	3436	3441	3446	3451	3456	3461	3466	3471	3476	3481	3486	3491	3496	3501	3506	3511	3516	3521	3526	3531	3536	3541	3546	3551	3556	3561	3566	3571	3576	3581	3586	3591	3596	3601	3606	3611	3616	3621	3626	3631	3636	3641	3646	3651	3656	3661	3666	3671	3676	3681	3686	3691	3696	3701	3706	3711	3716	3721	3726	3731	3736	3741	3746	3751	3756	3761	3766	3771	3776	3781	3786	3791	3796	3801	3806	3811	3816	3821	3826	3831	3836	3841	3846	3851	3856	3861	3866	3871	3876	3881	3886	3891	3896	3901	3906	3911	3916	3921	3926	3931	3936	3941	3946	3951	3956	3961	3966	3971	3976	3981	3986	3991	3996	4001	4006	4011	4016	4021	4026	4031	4036	4041	4046	4051	4056	4061	4066	4071	4076	4081	4086	4091	4096	4101	4106	4111	4116	4121	4126	4131	4136	4141	4146	4151	4156	4161	4166	4171	4176	4181	4186	4191	4196	4201	4206	4211	4216	4221	4226	4231	4236	4241	4246	4251	4256	4261	4266	4271	4276	4281	4286	4291	4296	4301	4306	4311	4316	4321	4326	4331	4336	4341	4346	4351	4356	4361	4366	4371	4376	4381	4386	4391	4396	4401	4406	4411	4416	4421	4426	4431	4436	4441	4446	4451	4456	4461	4466	4471	4476	4481	4486	4491	4496	4501	4506	4511	4516	4521	4526	4531	4536	4541	4546	4551	4556	4561	4566	4571	4576	4581	4586	4591	4596	4601	4606	4611	4616	4621	4626	4631	4636	4641	4646	4651	4656	4661	4666	4671	4676	4681	4686	4691	4696	4701	4706	4711	4716	4721	4726	4731	4736	4741	4746	4751	4756	4761	4766	4771	4776	4781	4786	4791	4796	4801	4806	4811	4816	4821	4826	4831	4836	4841	4846	4851	4856	4861	4866	4871	4876	4881	4886	4891	4896	4901	4906	4911	4916	4921	4926	4931	4936	4941	4946	4951	4956	4961	4966	4971	4976	4981	4986	4991	4996	5001	5006	5011	5016	5021	5026	5031	5036	5041	5046	5051	5056	5061	5066	5071	5076	5081	5086	5091	5096	5101	5106	5111	5116	5121	5126	5131	5136	5141	5146	5151	5156	5161	5166	5171	5176	5181	5186	5191	5196	5201	5206	5211	521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