

Wheelock Village Summer '23 Walk Audit Results



A WHEELOCK COMMUNITY PROJECT
SUPPORTED BY AN AARP VERMONT GRANT



OUR AUDIT TEAM

WHEELOCK COMMUNITY INITIATIVE (WCI)



WCI

- ENID ELLIS
- ANN LAWLESS
- EILEEN BOLAND
- LINDA RHODES
- CAROLYN NOLAN
- TANYA BREWER

COMMUNITY

- PATRICK BOUTIN
- TUNE FAULKNER



OUR EXPERT ADVISORS



• KELLY STODDARD POOR



• LOGAN PERRON

• JOSH TAYLOR



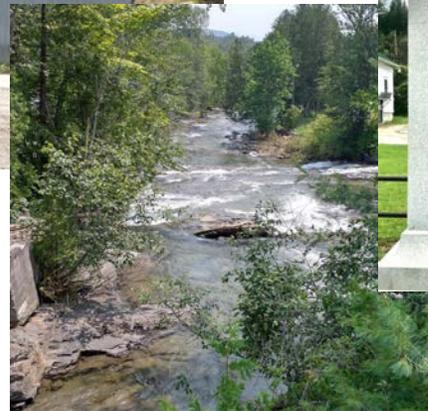
• LIAM ABBATE



**Vermont Sheriffs'
Association**

• JAMES HEMOND

Important Village Assets Along Rte. 122



**Rte.
122 in
the
Village
is used
by...**



It is NOT used by...



Village Speed Limit

HIT BY A VEHICLE
TRAVELING AT:

20
MPH



9 out of 10 pedestrians survive

HIT BY A VEHICLE
TRAVELING AT:

30
MPH



5 out of 10 pedestrians survive



HIT BY A VEHICLE
TRAVELING AT:

40
MPH



Only 1 out of 10 pedestrians survives

Seconds = Safety For Children/Elders

Time to travel through Wheelock Village (.5 mile)

	MPH		SECONDS	
	25		72	
	30		60	
	35		51	
	40		45	
	45		40	
	50		36	

Walking Challenges

**NARROW, UNEVEN,
SANDY SHOULDERS**



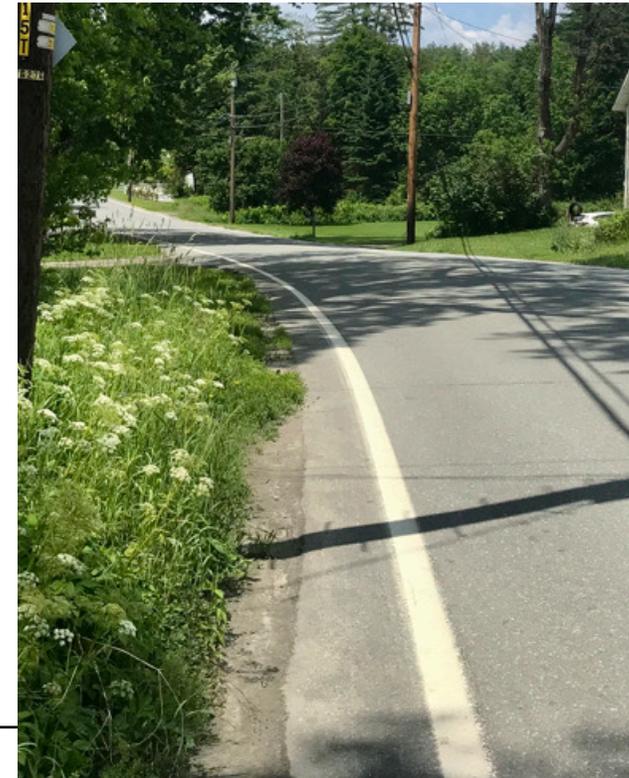
**NO CROSSWALKS
NO SIDEWALKS**



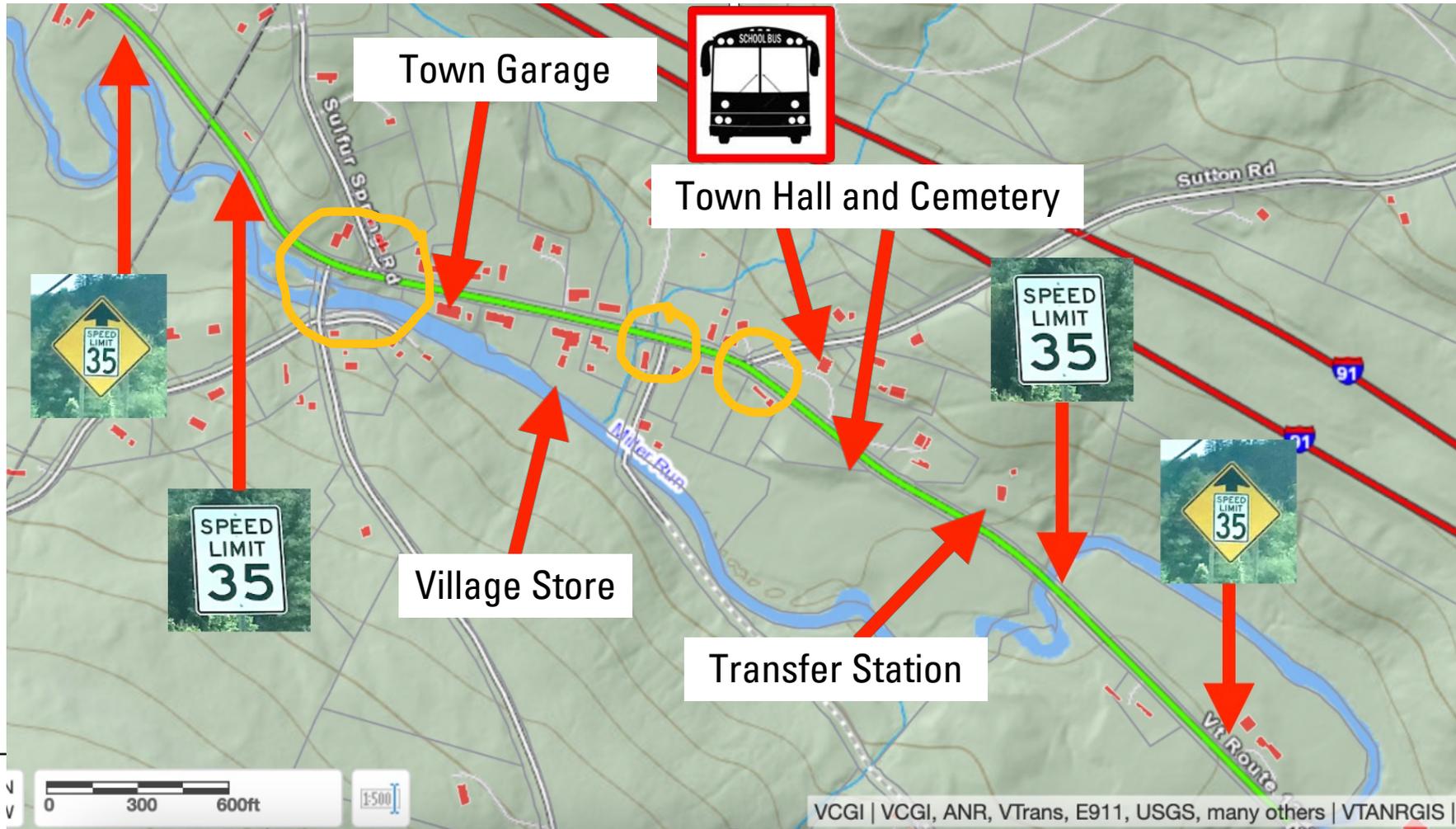
SPEEDING VEHICLES



**POOR LINE OF
SIGHT FOR
WALKERS AND
DRIVERS**



Reduced Speed Warnings



Intersections

Eastbound (> Lyndon) Speeding

Day of Week	Location of Speed Gun		#Vehicles Heading E	Avg. Speed of Ebound	% Speeders Ebound
Wednesday	Walking along Rt. 122		44	34.23	45.45%
Saturday	Gazebo at Town Hall (event at TH)		162	32	19.80%
Saturday	Gazebo at Town Hall (event at TH)		133	33.2	21%
Friday	Nolan's porch (next to Gen'l Store)		92	38.2	68.50%

Sheriff's Speed Trailer

Information from Sheriff's Speed Trailer 7/13 - 7/20 (only Ebound)

Highest volume of cars: 6AM-10AM and 3PM-5PM			#Vehicles Heading E	% Speeders Ebound
		overall counts	5467	33.80%
7/14: 24 hours	Friday	by Peak Road	843	37.84%
7/15: 24 hours	Saturday	by Peak Road	824	33.98%
7/16: 24 hours	Sunday	by Peak Road	570	31.58%
7/17: 24 hours	Monday	by Peak Road	850	30.82%
7/18: 24 hours	Tuesday	by Peak Road	796	32.16%
7/19: 24 hours	Wednesday	by Peak Road	870	31.38%
7/20: 12AM-12PM	Thursday	by Peak Road	385	39.74%

Westbound (<Sheffield) Speeding

Day of Week	Location of Speed Gun	#Vehicles Heading W	Avg. Speed of Wbound	% Speeders Wbound
Wednesday	Walking along Rt. 122	68	33.9	42.65%
Saturday	Gazebo at Town Hall (event at TH)	145	31	25.50%
Saturday	Gazebo at Town Hall (event at TH)	135	34	30%
Friday	Nolan's porch (next to Gen'l Store)	108	35.8	52.80%

% Speeders/Max Speeds

Day of Week	Location of Speed Gun	Total # vehicles	Overall % Speeders	Max Speed
Wednesday	Walking along Rt. 122	112	43.75%	53
Saturday	Gazebo at Town Hall (event at TH)	307	22.48%	49
Saturday	Gazebo at Town Hall (event at TH)	268	25%	53
Friday	Nolan's porch (next to Gen'l Store)	200	60.00%	50



**Are there Ways
to Make the
Village Safer
For Walking and
Other People
Activities?**

**Safety Ideas from
Vermont's Agency
of Transportation
& other Vermont
Communities**



**Most drivers drive at a speed
that they consider to be
comfortable and safe,
regardless of the posted
speed limit.**

The Truth About Speed Limits

Start with Enforcement



A 74-year-old man uses his hair dryer to slow traffic near his home

SPEED ENFORCEMENT AND TICKETING

CALEDONIA COUNTY SHERIFF

RTE. 122 VILLAGE

SO. WHEELLOCK ROAD

2 DAYS@ WEEK

LAST WEEK OF AUGUST THROUGH OCTOBER: \$3078

**Lower
Speed
Limit**



**Add New
Signs**



**Install
Crosswalks**

**“Calm” Traffic
Example:
Temporary
Walking Path**

Lower Speed Limit



WHEN SETTING A SPEED LIMIT VTRANS LOOKS AT:

- ROAD CHARACTERISTICS (SURFACE, CURVES, ETC.)
 - SPEEDS VEHICLES ARE TRAVELING
- TYPE AND DENSITY OF ROADSIDE DEVELOPMENT
- SAFE SPEEDS FOR CURVES, INTERSECTIONS, HAZARDS
 - AREA PARKING AND PEDESTRIAN ACTIVITY
- RECENT 12-MONTH PERIOD CRASH EXPERIENCE

**VILLAGE SPEED LIMITS ARE USUALLY
15 MPH LOWER THAN THE HIGHWAY**



Install Crosswalks



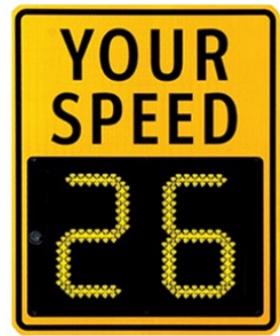
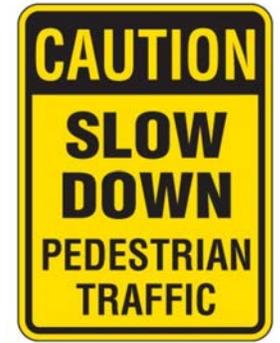
BASIC CROSSING ELEMENTS:

- THE CROSSWALK IS CLEARLY MARKED
- + SIGNS TO SLOW OR STOP TRAFFIC
 - TACTILE GROUND SURFACE INDICATORS (FOR VISION IMPAIRMENT)
- LEVEL "LANDING PAD" FOR A WHEELCHAIR USER

MARKED CROSSWALKS ARE AT INTERSECTIONS OR MID-STREET
BASED ON ENGINEERING JUDGEMENT



Add New Signs



“Calm” Traffic

A TYPICAL TWO-LANE MAIN STREET
OFTEN HAS
WIDER THAN NECESSARY LANES

WIDE LANES
ENCOURAGE HIGHER SPEEDS

**NARROWING LANES,
CREATES SPACE
FOR OTHER USES**



ISLAND POND, VT

Temporary Demo Project



Northfield VT

“Advisory Shoulder” or “Bike Lane”



Hanover NH

Other Ideas?