



Westwood Traffic Calming

Board of Selectmen

C/E/F Presentation



October 20, 2008

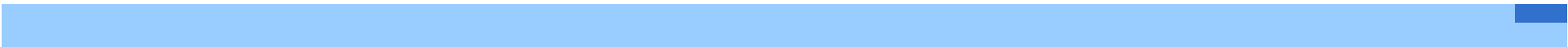
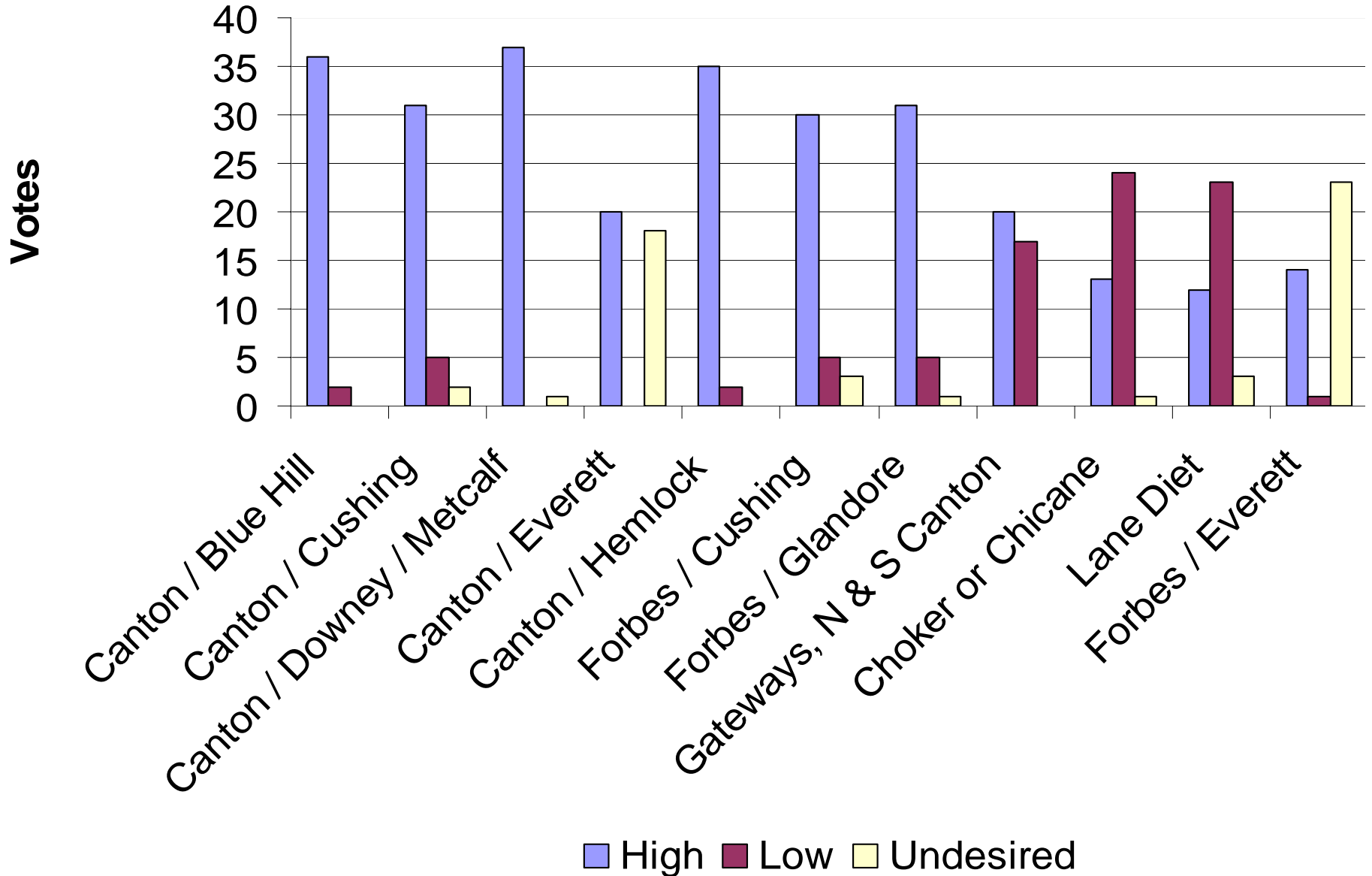




C/E/F Traffic Calming Objectives

- “Calm” Traffic
- Reduce Vehicle Speeds on Canton Street
- Reduce Cut-thru traffic on Canton Street
- Discourage Traffic from Westwood Station Boulevard from using Canton Street

Overall Votes, by Numbers





Traffic Calming Analysis

Research



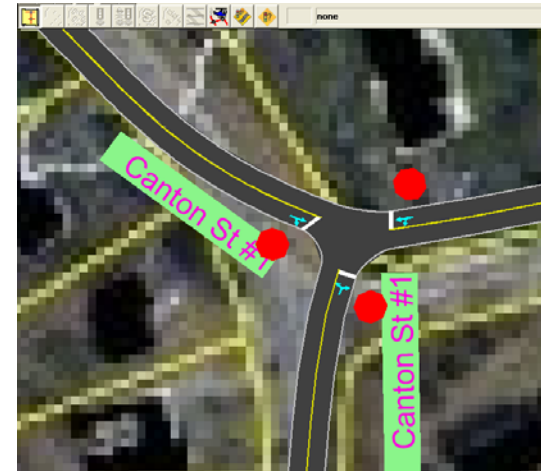
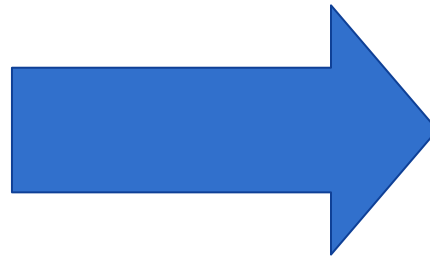
Traffic Data



Homework



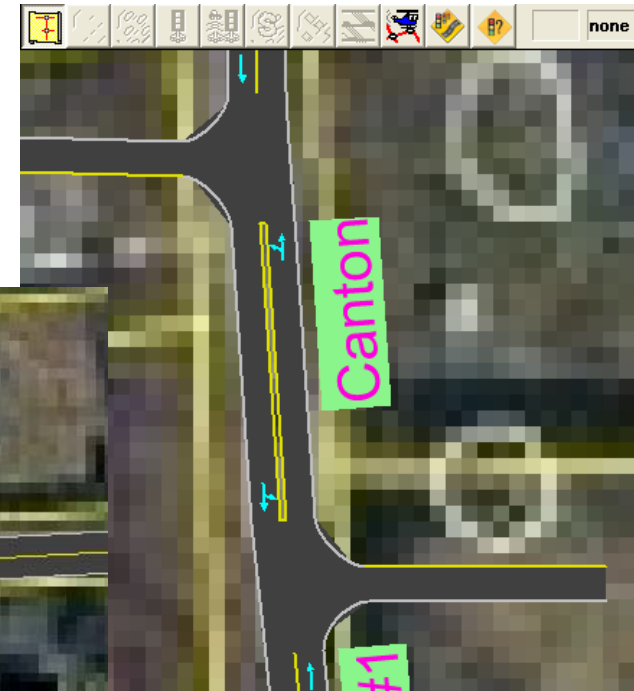
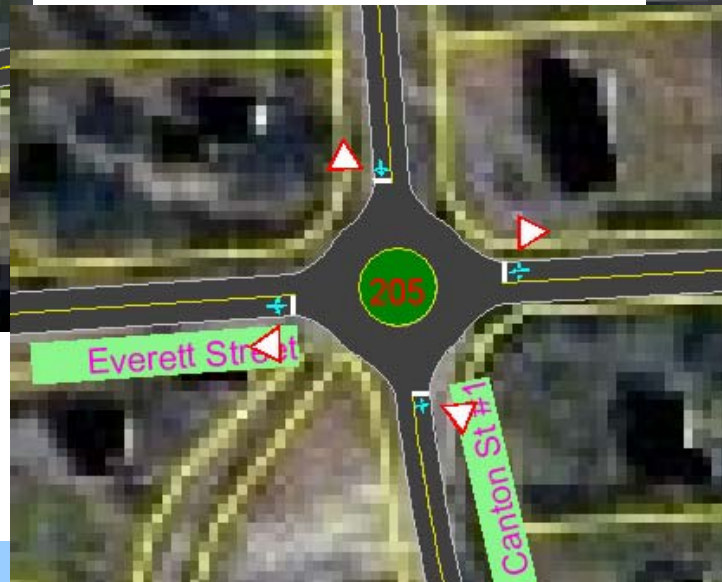
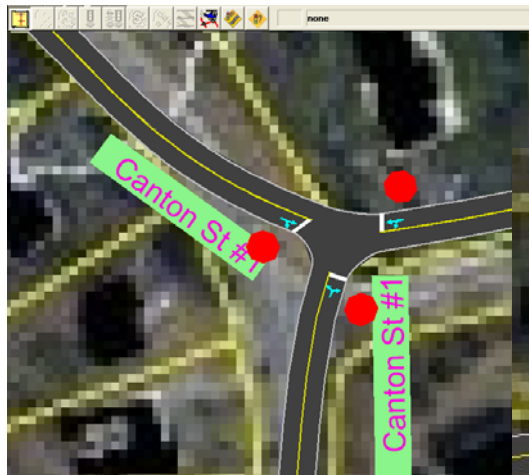
Designs





Canton St Traffic Analysis

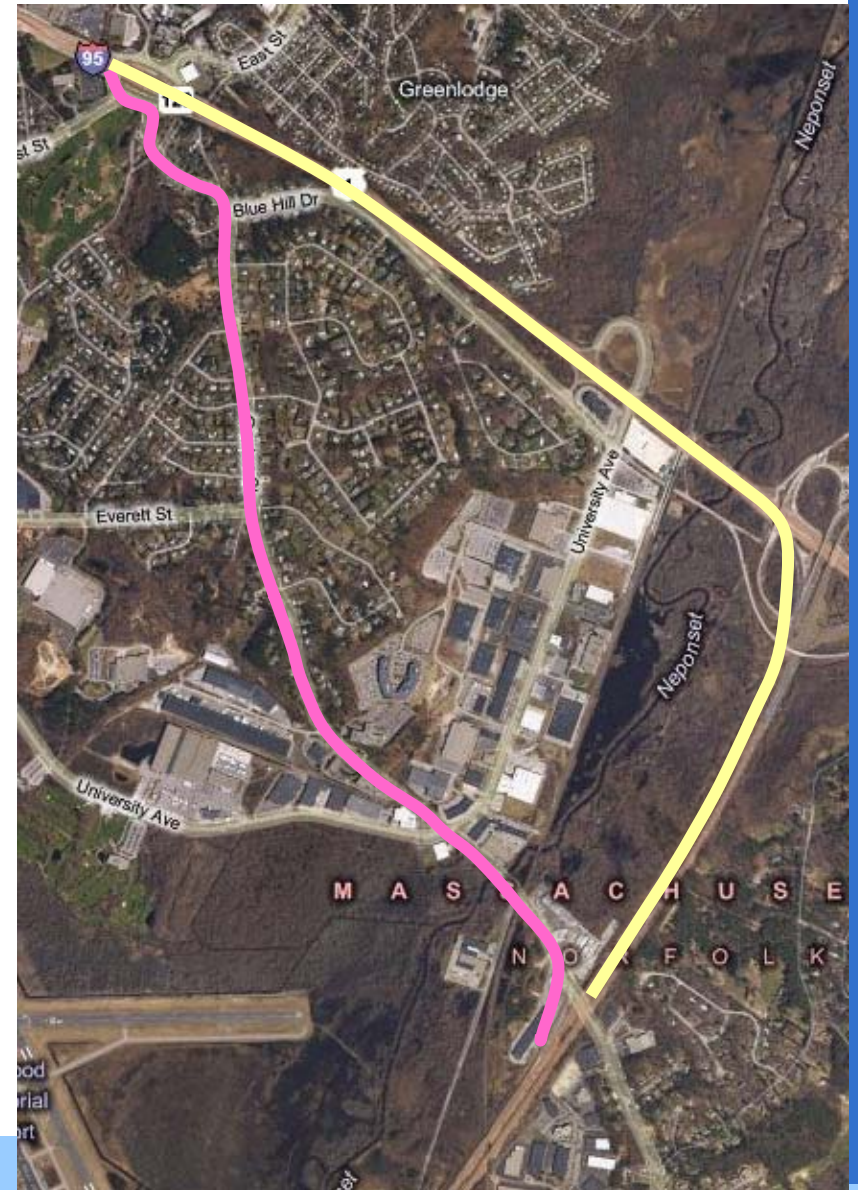
- **2015** Volumes (Corresponds to major completion of the Westwood Station development)
- Examined the Proposed Traffic Calming Devices in 2 phases





Traffic Analysis Summary

- Summary
 - Average Canton Street speeds decrease by 22% to 32% (32-35mph to 22-27mph)
 - Canton Street travel times increase by 28% to 47% (1-1½ minutes)





Potential Volume Reduction

Canton Street, Westwood, Massachusetts

	2015 (No TC)	13% (Ohio-Low)	17% (Level 1)	20% (Level 2)	24% (Ohio-Hi)	37% (Level 1+2)
AM Peak	910	-118	-155	-182	-218	-337
PM Peak	1070	-139	-182	-214	-257	-396
Daily	8126	-1056	-1381	-1625	-1950	-3006

Potential Volume Reduction between 13% and 37%



Results



Do you approve the level 1 measures along with some added measure on Everett Street?

“Yes” votes: 29

“No” votes: 1

Note: Committee members expressed a desire for speed tables on Everett Street



Voting: Level 1 Measures

Locations	Proposed Treatment
Canton Street at Blue Hill Drive	Realigned Intersection
Canton Street at Cushing Rd/Perry Dr	Realigned Intersection
Canton Street at Downey St/Metcalf Rd	Speed Tables (2)
Canton Street at Hemlock Dr	Realigned Intersection
Canton Street at Forbes Road	Realigned Intersection
Canton Street at Everett Street	Roundabout
Forbes Road and Cushing Rd	Realigned Intersection
Forbes Road and Everett Street	Median/Channelized Intersection
Forbes Road and Glandore Road	Realigned Intersection
Everett Street	Speed Tables (2)



Cost: Level 1 Measures

Locations	Proposed Treatment	Cost
Canton Street at Blue Hill Drive	Realigned Intersection	\$143K
Canton Street at Cushing Rd/Perry Dr	Realigned Intersection	\$60K
Canton Street at Downey St/Metcalf Rd	Speed Tables	\$76K
Canton Street at Hemlock Dr	Realigned Intersection	\$139K
Canton Street at Forbes Road	Realigned Intersection	\$32K
Canton Street at Everett Street	Roundabout	\$338K
Forbes Road and Cushing Rd	Realigned Intersection	\$34K
Forbes Road and Everett Street	Median/Channelized Intersection	\$135K
Forbes Road and Glandore Road	Realigned Intersection	\$107K
Everett Street at Lyons	Speed Tables	\$76K
	Sub Total	\$1.140M
	With 15% Contingency	\$1.311M



Westwood Traffic Calming

Questions

