

Canton/Everett/Forbes
Neighborhood Traffic Calming

Follow-Up Study

Public Meeting

Wednesday, November 2, 2016

Project Background

- January 14, 2015 – Neighborhood Liaison Meetings
- January 29, 2015 – First Neighborhood Public Meeting
- April 29, 2015 – County Commissioner Meeting
- June 4, 2015 – Second Neighborhood Public Meeting
- June 22, 2015 – Board of Selectman Meeting
- July 2015 – 1st Construction Documents Submittal
- September 2015 – 2nd Construction Documents Submittal and Contract Awarded
- November 2015 – Phase 1 Construction Begins
- March 2016 – Phase 2 Construction Begins
- August 2016 – Construction Completed

Study Area

- Primary Roads
 - Canton Street
 - Everett Street
 - Forbes Road
- Neighborhood Roads
 - Kilronan Road
 - Cushing Road
 - Spellman Road
 - Adams Street
 - Perry Drive



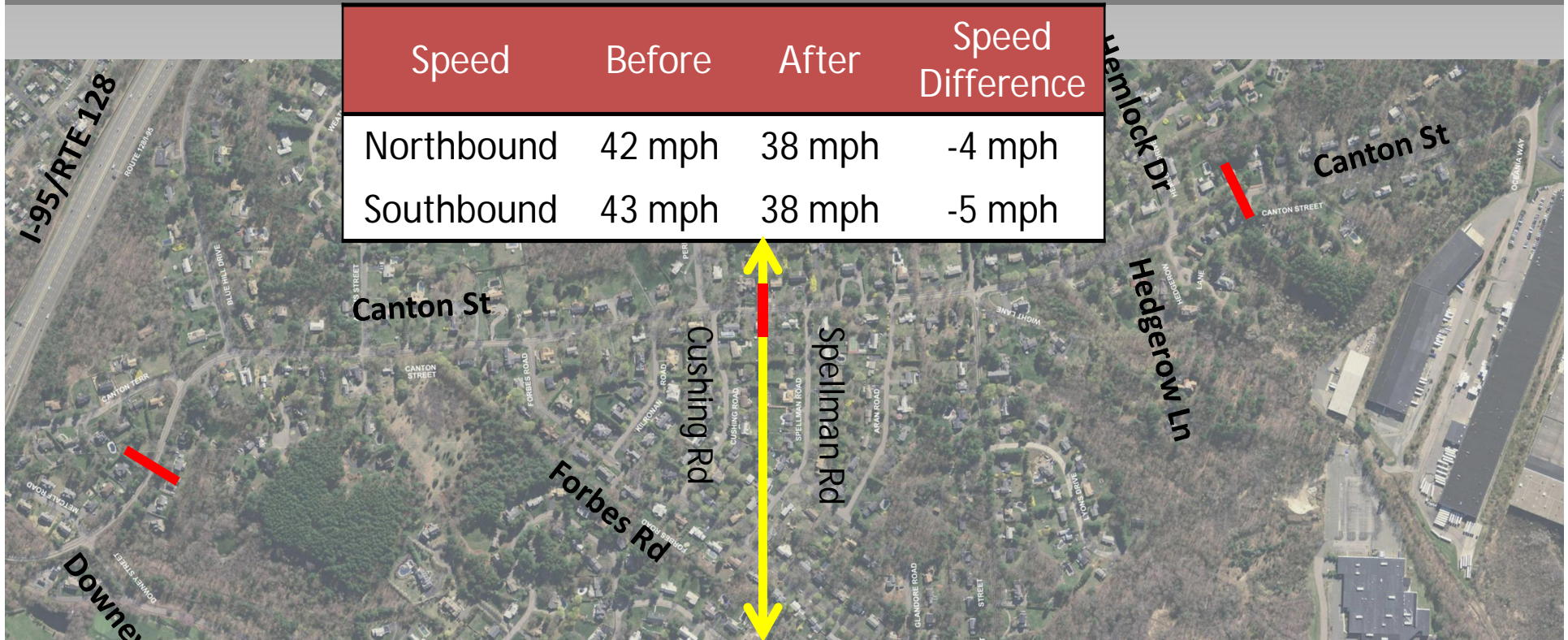
Canton Street Speeds and Volumes

Speed	Before	After	Speed Difference
Northbound	40 mph	37 mph	-3 mph
Southbound	43 mph	36 mph	-7 mph



Volume	Before	After	Volume Difference
Weekday	10,539	9,242	-1,297
Saturday	6,579	5,640	-939

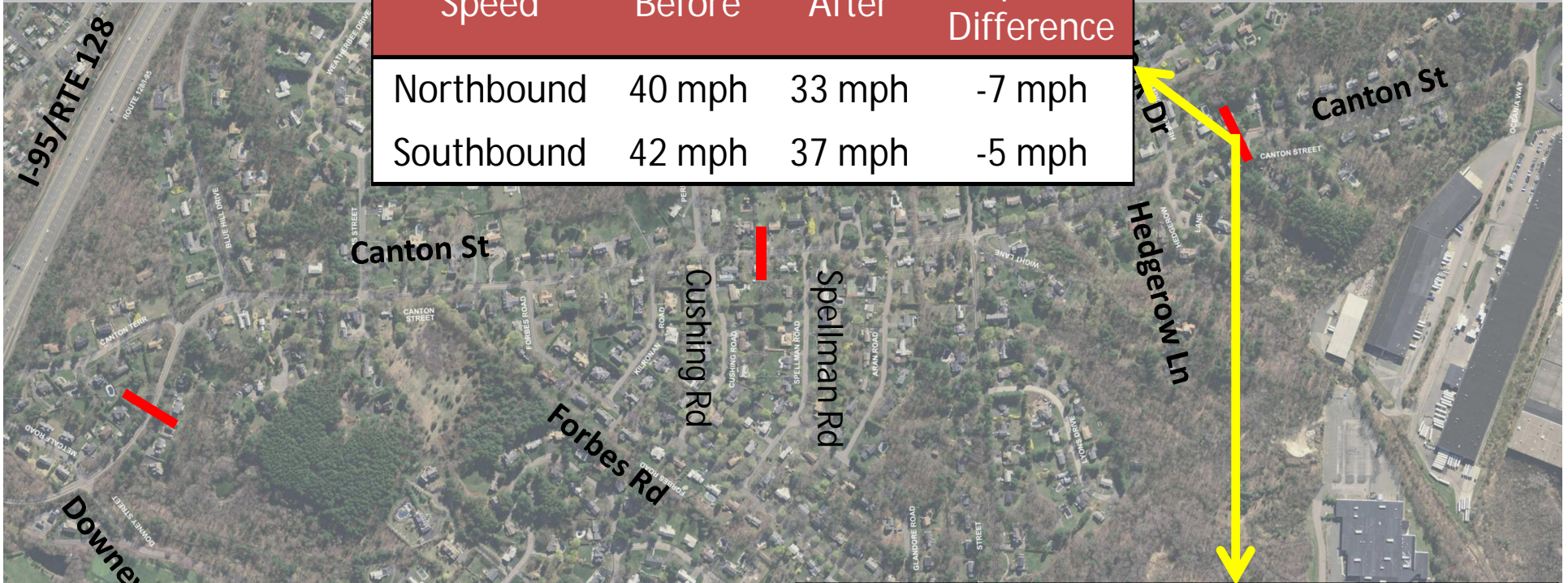
Canton Street Speeds and Volumes



Speed	Before	After	Speed Difference
Northbound	42 mph	38 mph	-4 mph
Southbound	43 mph	38 mph	-5 mph

Volume	Before	After	Volume Difference
Weekday	8,390	7,631	-759
Saturday	4,894	4,330	-564

Canton Street Speeds and Volumes

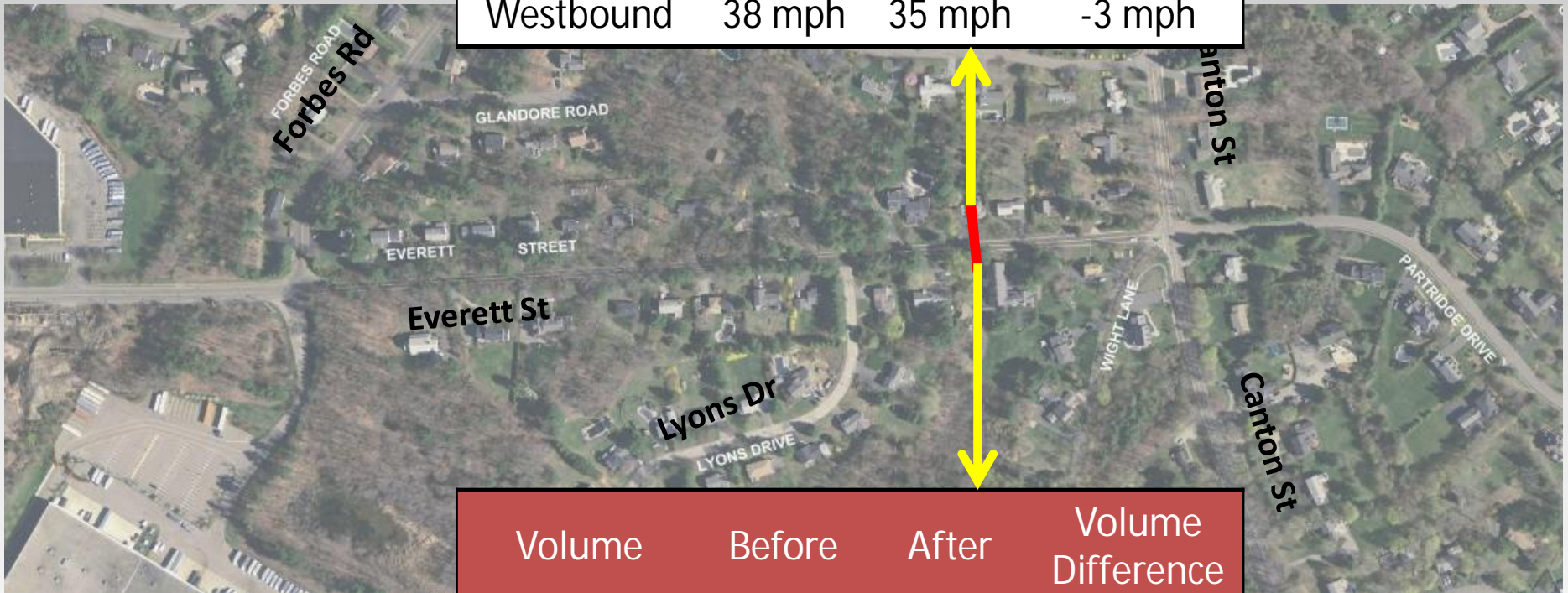


Speed	Before	After	Speed Difference
Northbound	40 mph	33 mph	-7 mph
Southbound	42 mph	37 mph	-5 mph

Volume	Before	After	Volume Difference
Weekday	6,692	6,661	-32
Saturday	3,162	3,380	+218

Everett Street Speeds and Volumes

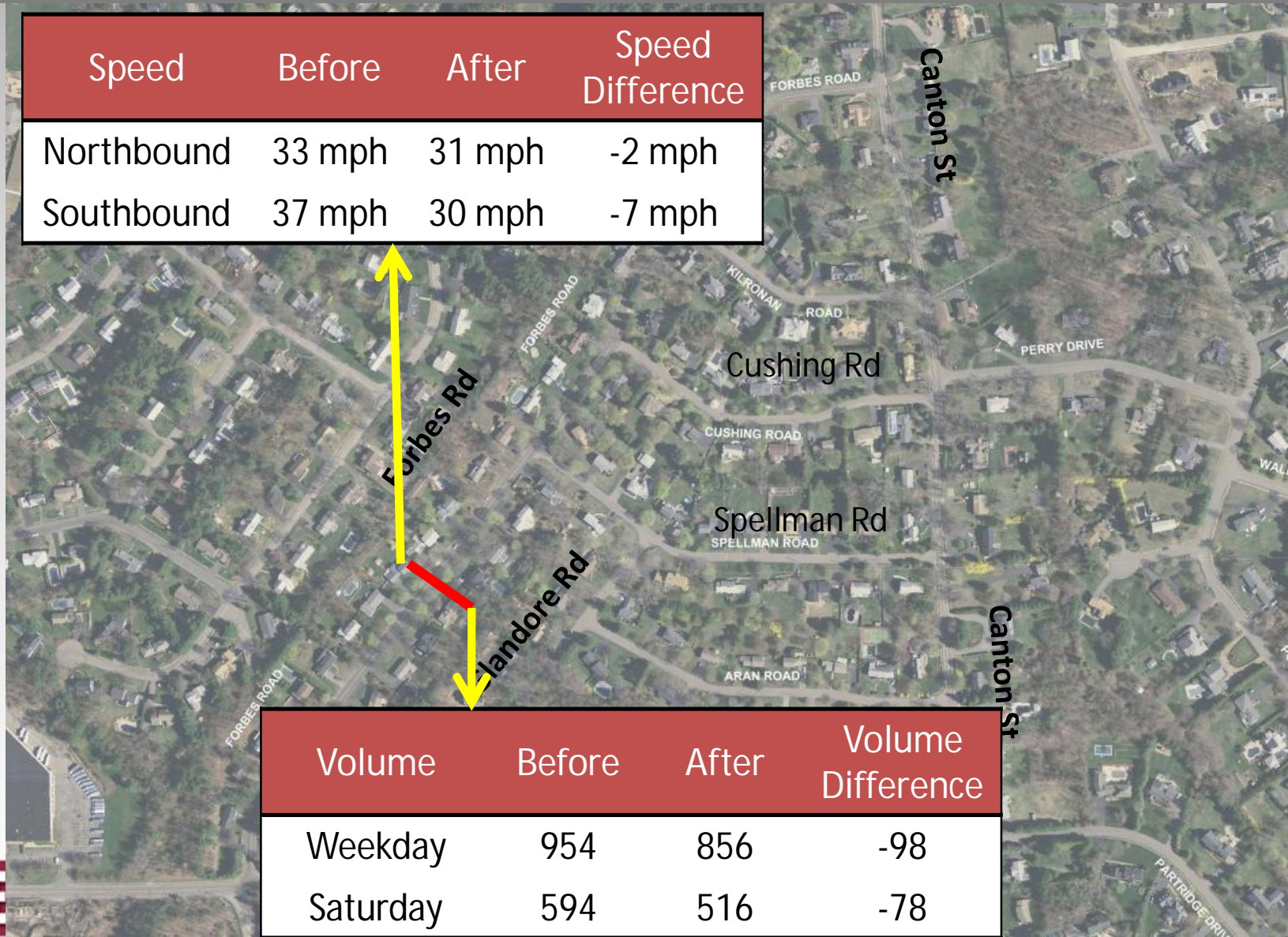
Speed	Before	After	Speed Difference
Eastbound	39 mph	34 mph	-5 mph
Westbound	38 mph	35 mph	-3 mph



Volume	Before	After	Volume Difference
Weekday	2,318	2,048	-270
Saturday	1,753	1,320	-433

Forbes Road Speeds and Volumes

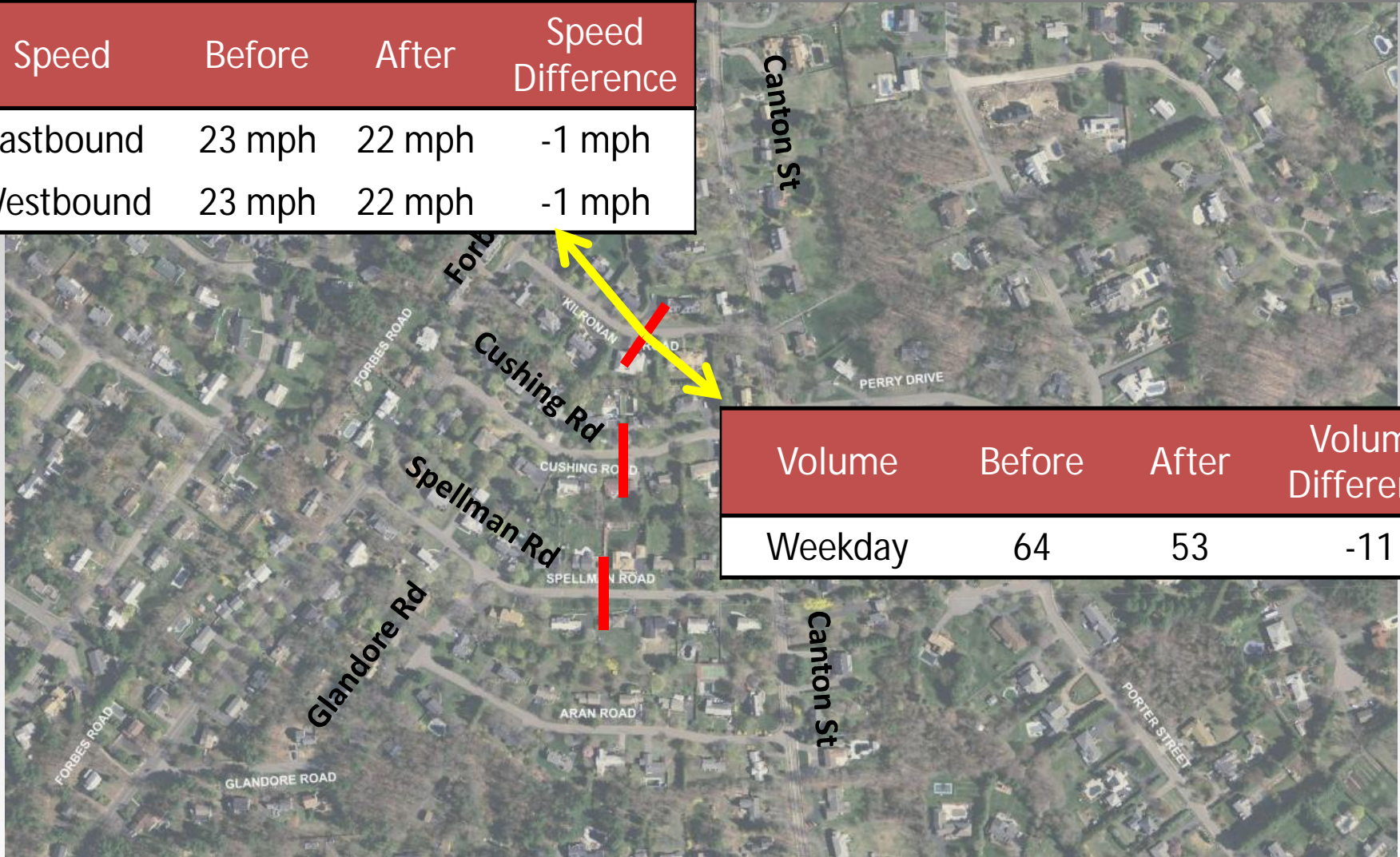
Speed	Before	After	Speed Difference
Northbound	33 mph	31 mph	-2 mph
Southbound	37 mph	30 mph	-7 mph



Volume	Before	After	Volume Difference
Weekday	954	856	-98
Saturday	594	516	-78

Kilronan Road Speeds and Volumes

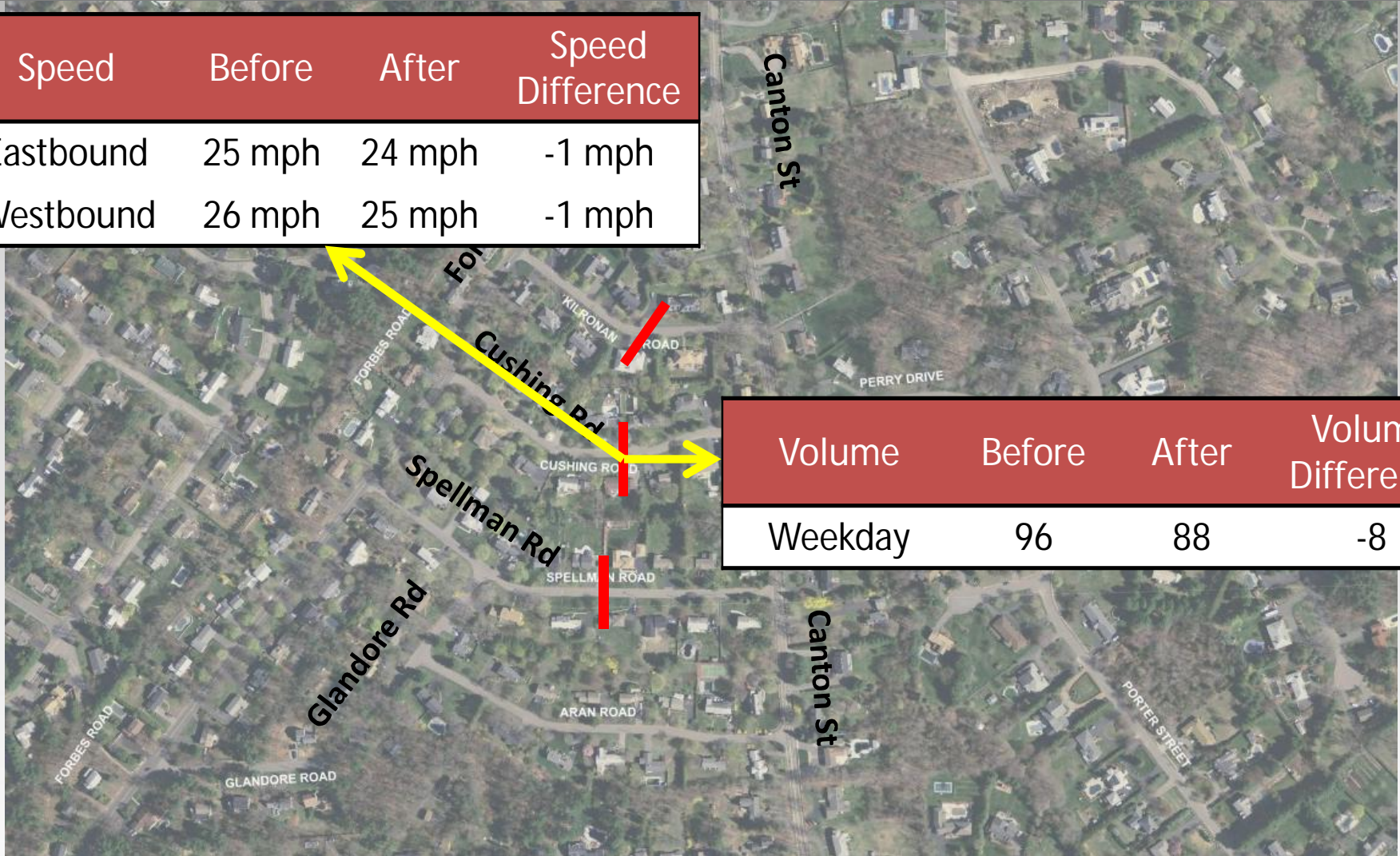
Speed	Before	After	Speed Difference
Eastbound	23 mph	22 mph	-1 mph
Westbound	23 mph	22 mph	-1 mph



Volume	Before	After	Volume Difference
Weekday	64	53	-11

Cushing Road Speeds and Volumes

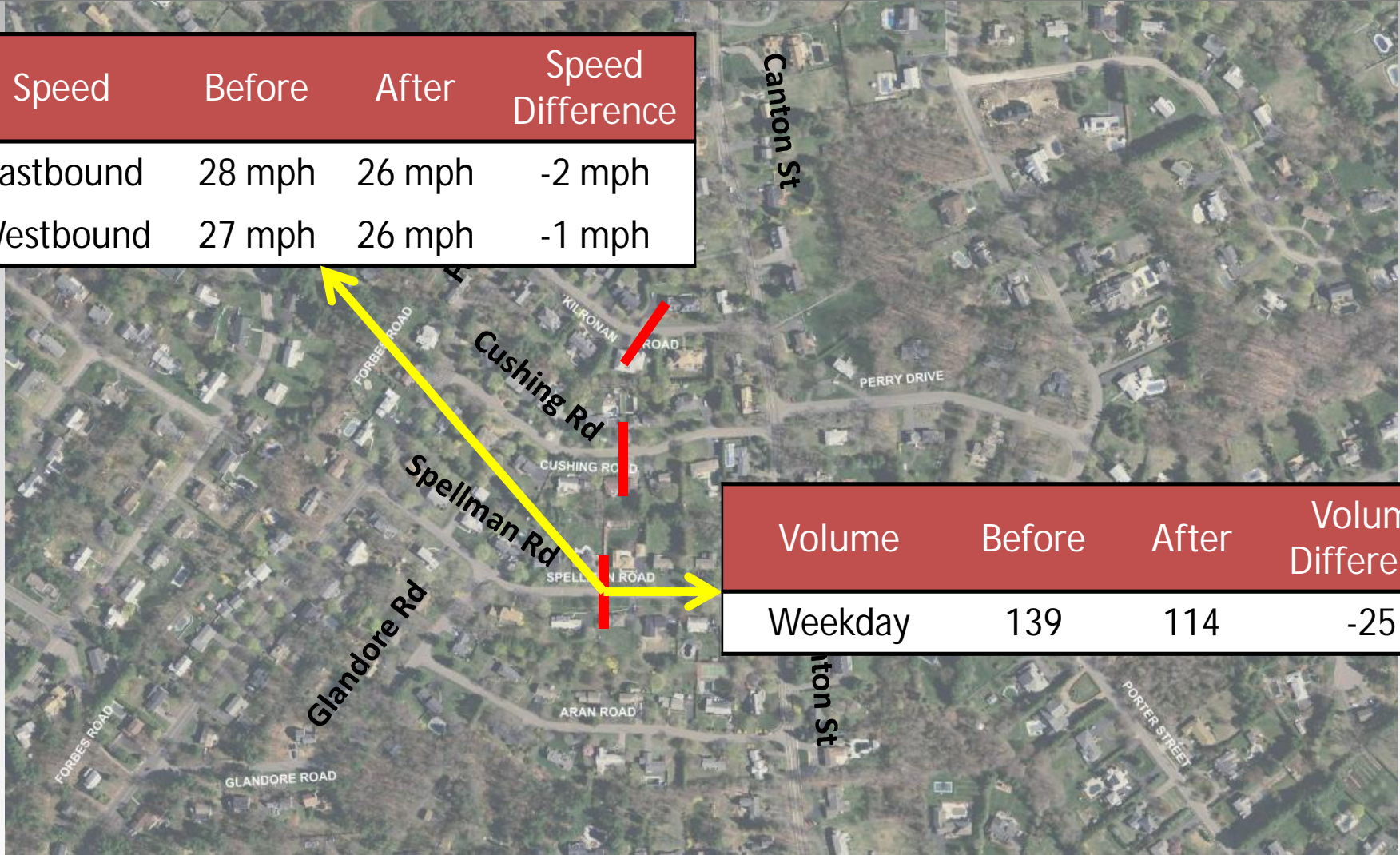
Speed	Before	After	Speed Difference
Eastbound	25 mph	24 mph	-1 mph
Westbound	26 mph	25 mph	-1 mph



Volume	Before	After	Volume Difference
Weekday	96	88	-8

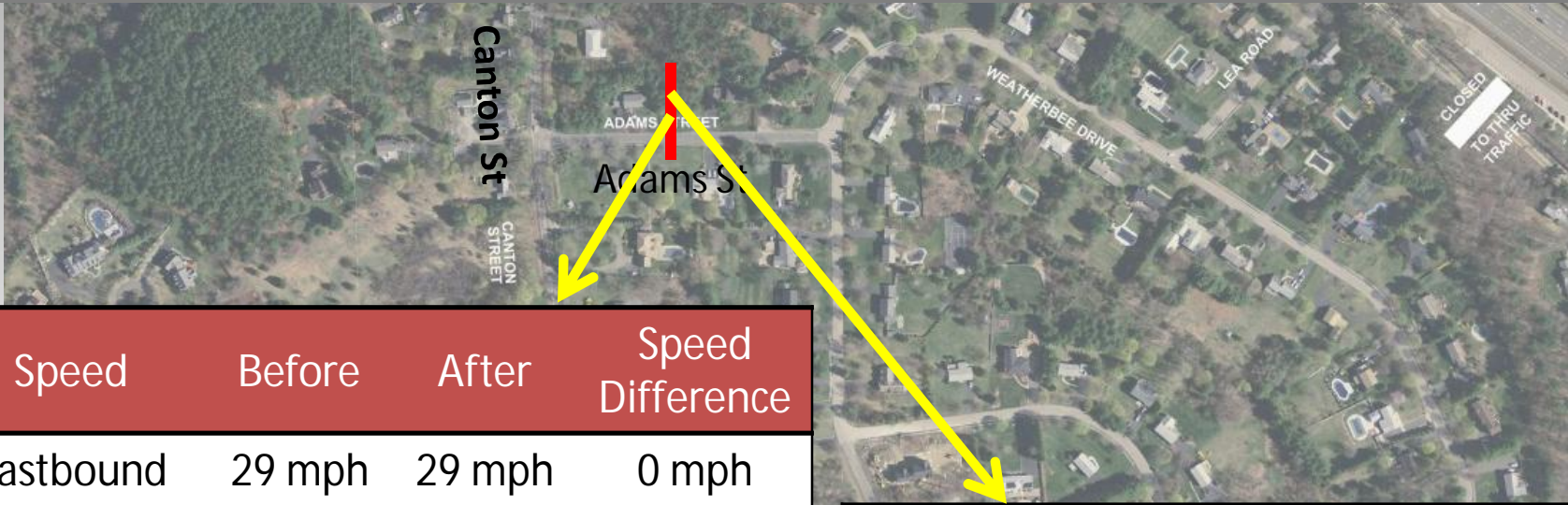
Spellman Road Speeds and Volumes

Speed	Before	After	Speed Difference
Eastbound	28 mph	26 mph	-2 mph
Westbound	27 mph	26 mph	-1 mph



Volume	Before	After	Volume Difference
Weekday	139	114	-25

Adams/Perry Speeds

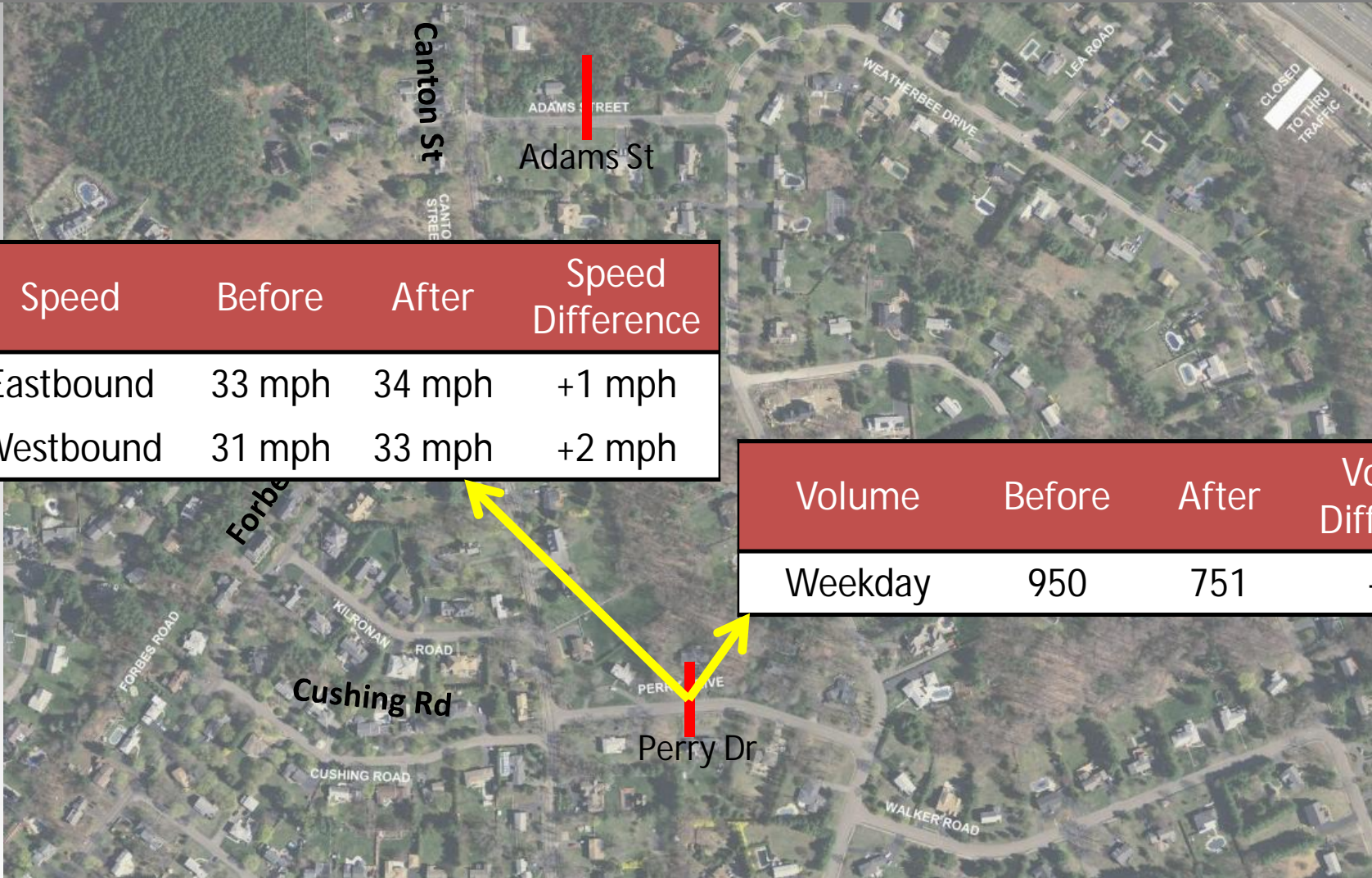


Speed	Before	After	Speed Difference
Eastbound	29 mph	29 mph	0 mph
Westbound	29 mph	30 mph	+1 mph

Volume	Before	After	Volume Difference
Weekday	622	460	-162



Adams/Perry Volumes



Speed	Before	After	Speed Difference
Eastbound	33 mph	34 mph	+1 mph
Westbound	31 mph	33 mph	+2 mph

Volume	Before	After	Volume Difference
Weekday	950	751	-199

Conclusions - Speeds

1. Canton Street - DECREASED up to 7 mph
2. Everett Street - DECREASED up to 5 mph
3. Forbes Road - DECREASED up to 7 mph
4. No impact to side street neighborhoods.

Conclusions - Volumes

1. Canton Street - DECREASED up to 1,297 vpd
2. Everett Street - DECREASED up to 433 vpd
3. Forbes Road - DECREASED up to 98 vpd
4. No impact to side street neighborhoods.

Post-Construction Comments

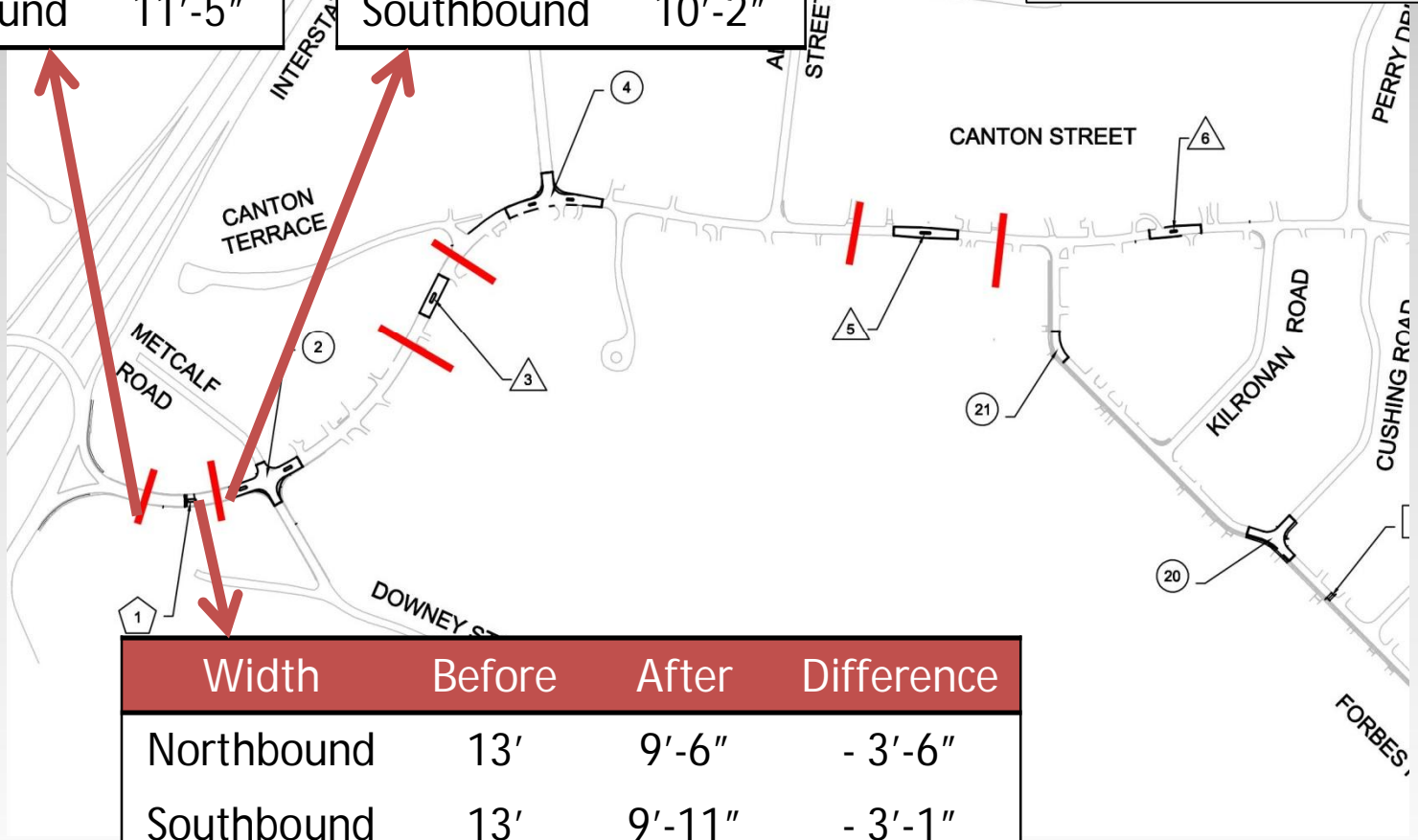
1. Travel Lane Widths on Canton Street
2. Glandore Road Double Yellow Center Line

1. Canton Street Travel Lane Widths

	Width*
Northbound	13'
Southbound	11'-5"

	Width*
Northbound	10'-2"
Southbound	10'-2"

*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.



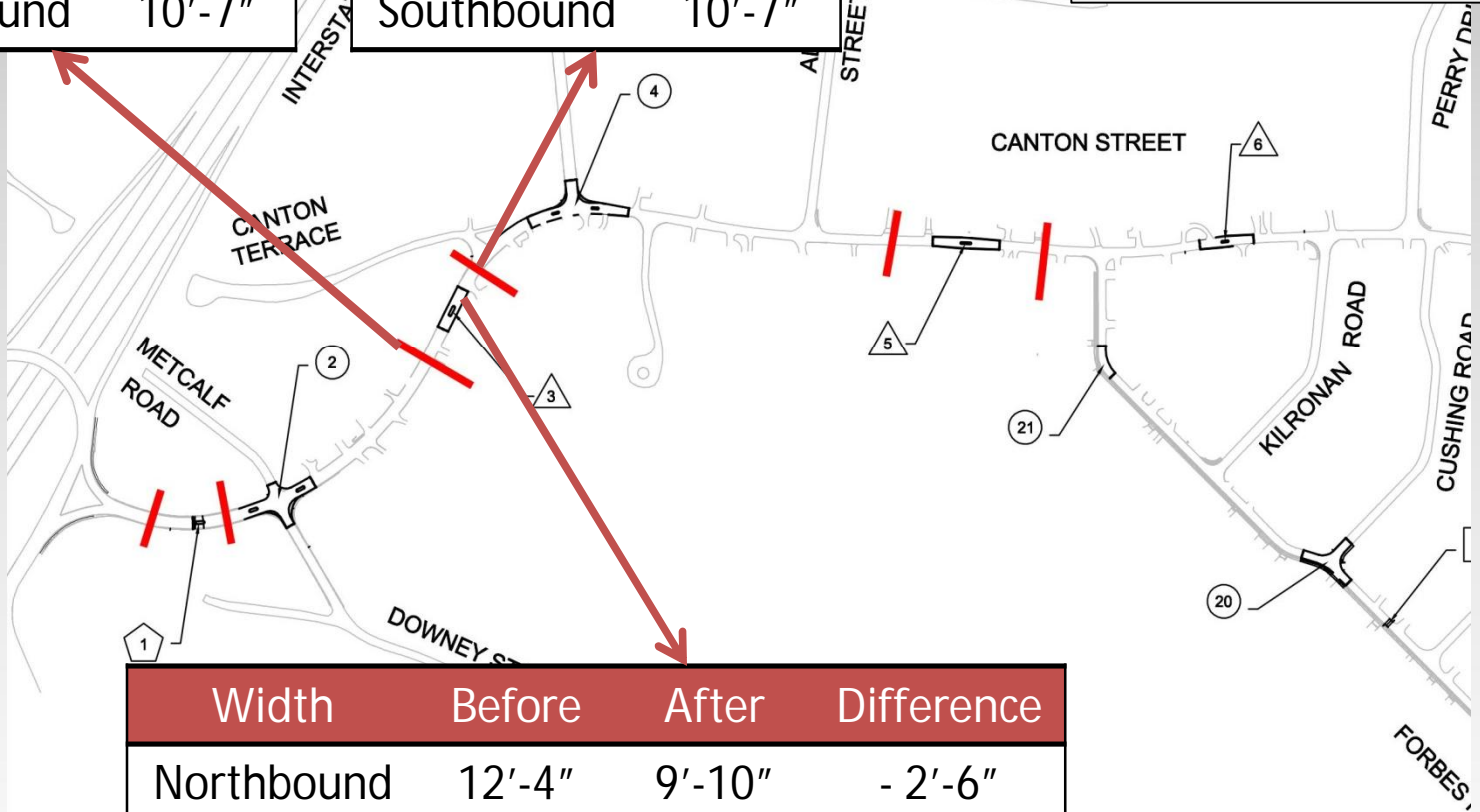
Width	Before	After	Difference
Northbound	13'	9'-6"	- 3'-6"
Southbound	13'	9'-11"	- 3'-1"

1. Canton Street Travel Lane Widths

	Width*
Northbound	11'-10"
Southbound	10'-7"

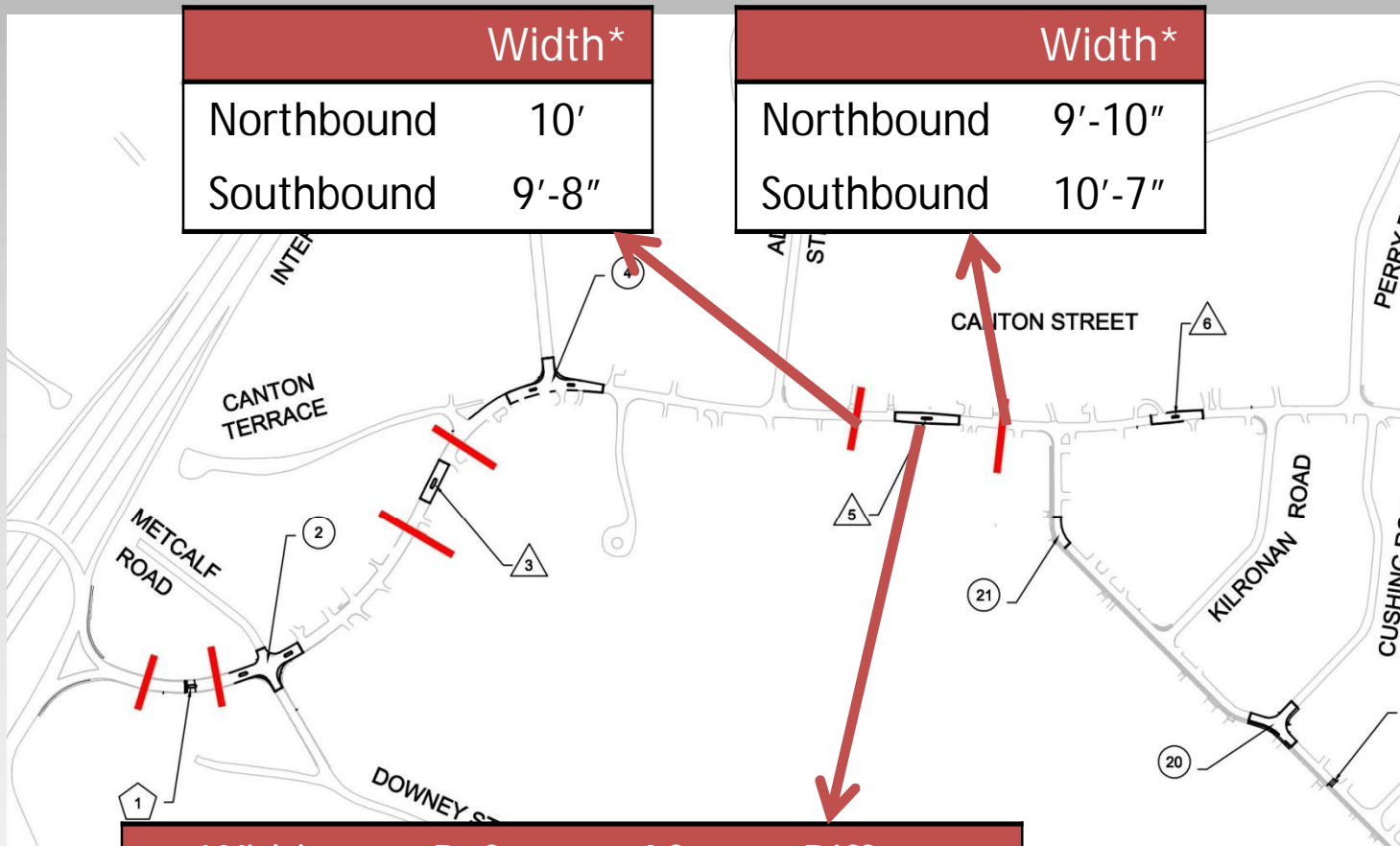
	Width*
Northbound	11'-10"
Southbound	10'-7"

*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.



Width	Before	After	Difference
Northbound	12'-4"	9'-10"	- 2'-6"
Southbound	11'-6"	9'-8"	- 1'-10"

1. Canton Street Travel Lane Widths



Width	Before	After	Difference
Northbound	10'	9'-10"	- 2"
Southbound	10'-6"	10'	- 6"

Width*	
Northbound	9'-10"
Southbound	10'-7"

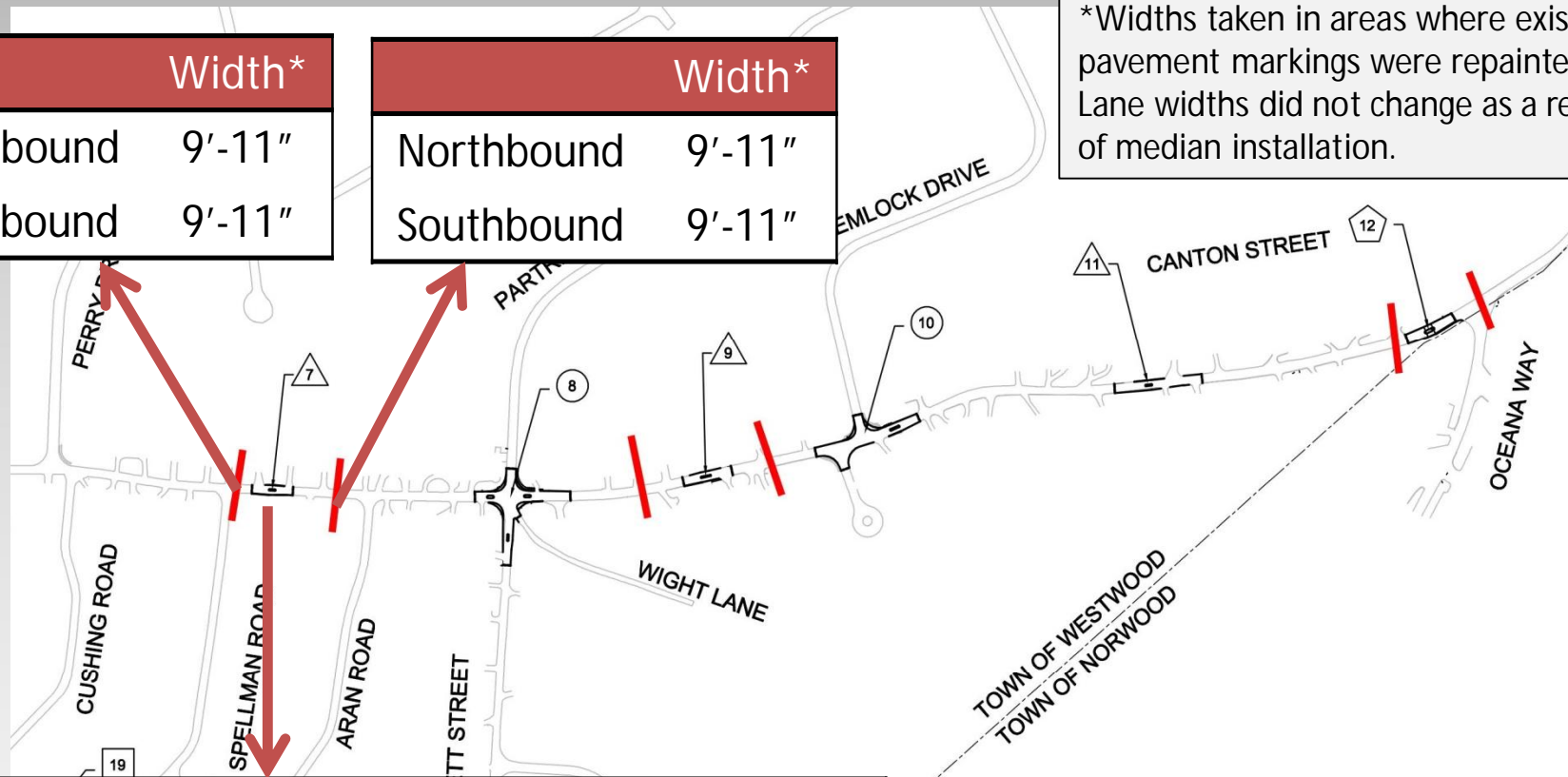
*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.

1. Canton Street Travel Lane Widths

	Width*
Northbound	9'-11"
Southbound	9'-11"

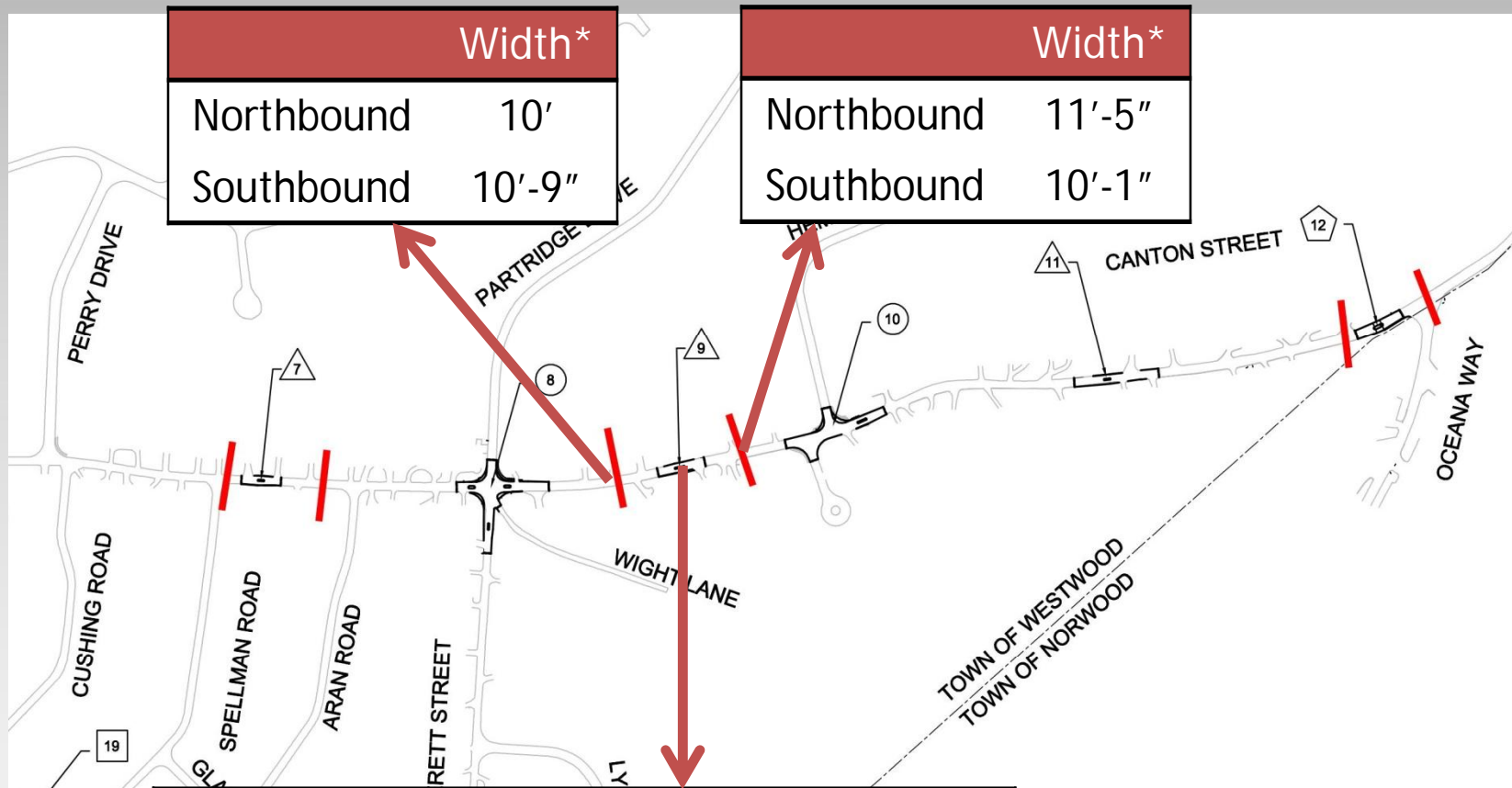
	Width*
Northbound	9'-11"
Southbound	9'-11"

*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.



Width	Before	After	Difference
Northbound	9'-11"	10'-4"	+ 5"
Southbound	9'-11"	9'-11"	0"

1. Canton Street Travel Lane Widths



Width*	
Northbound	10'
Southbound	10'-9"

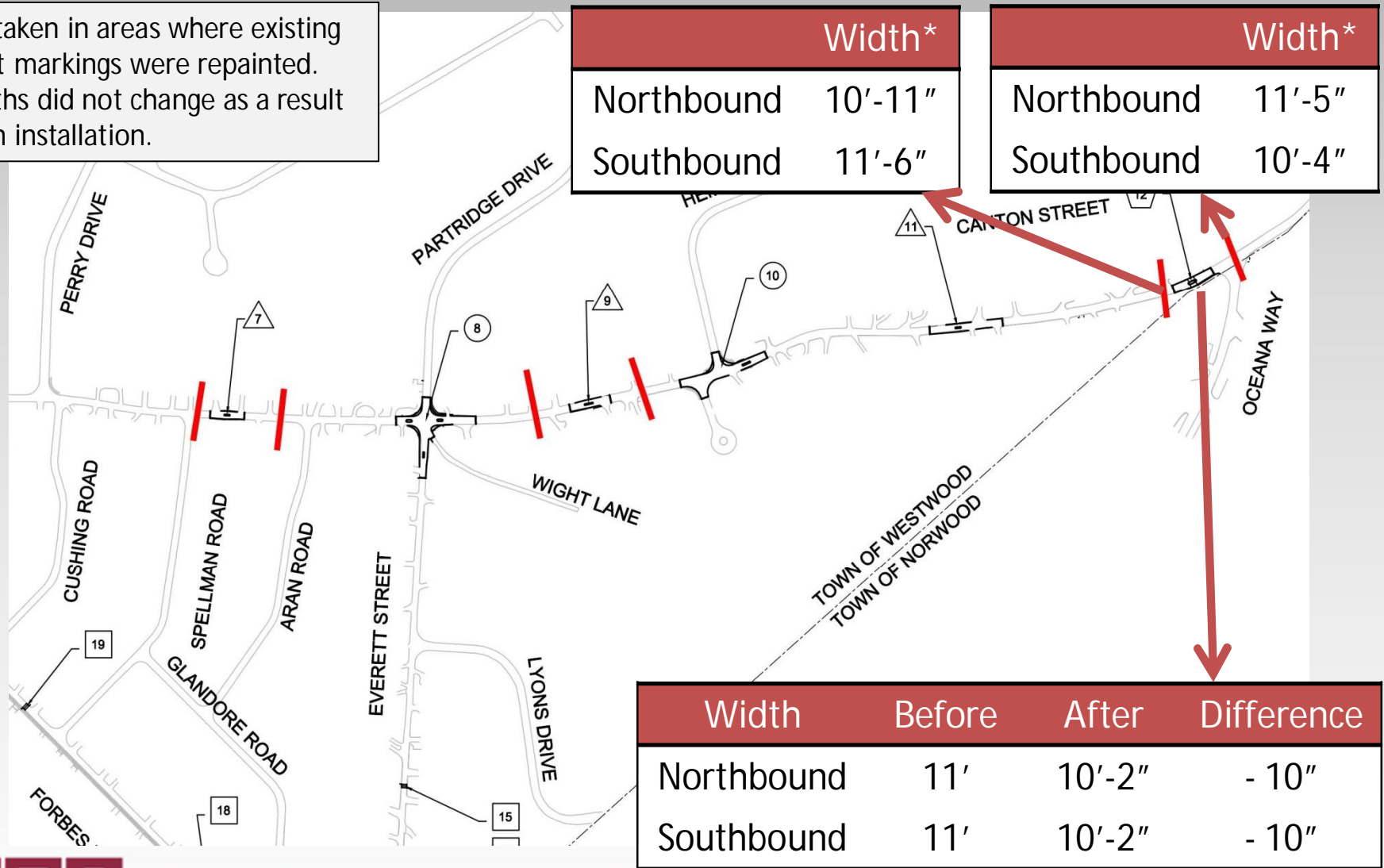
Width*	
Northbound	11'-5"
Southbound	10'-1"

Width	Before	After	Difference
Northbound	10'-9"	9'-11"	- 10"
Southbound	10'-9"	10'-5"	- 4"

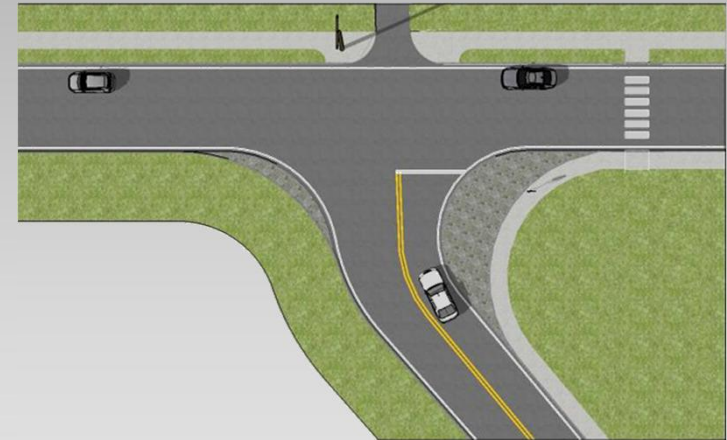
*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.

1. Canton Street Travel Lane Widths

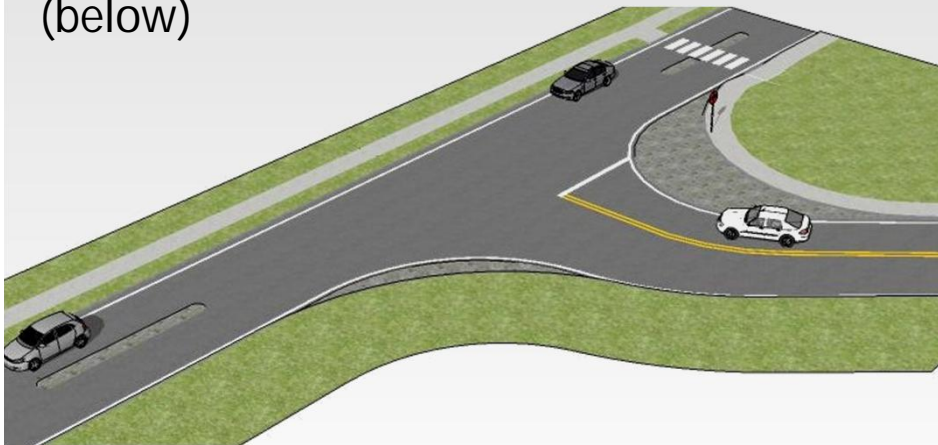
*Widths taken in areas where existing pavement markings were repainted. Lane widths did not change as a result of median installation.



2. Glandore Road Double Yellow Center Line

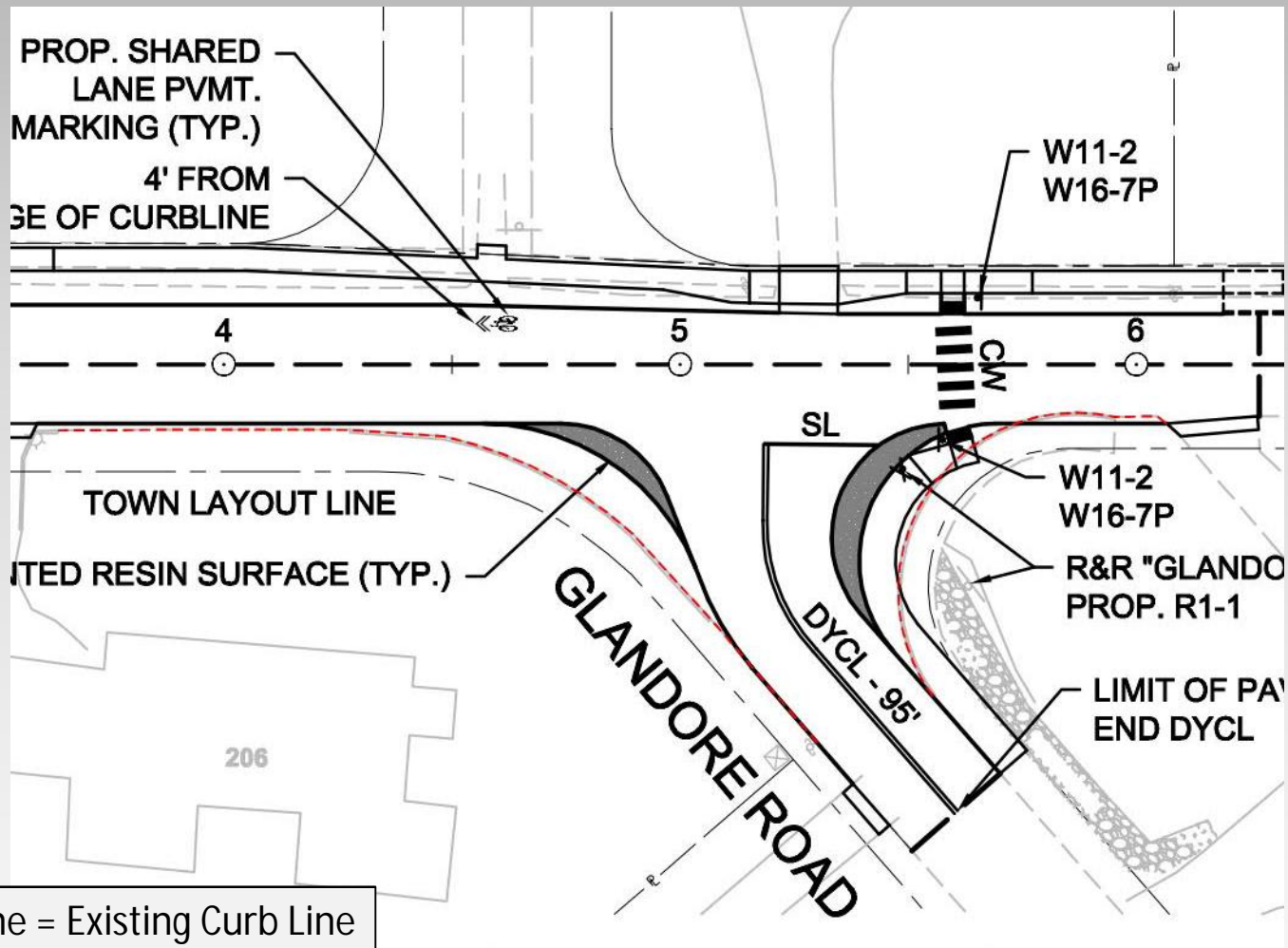


Conceptual Designs presented & posted on January 29, 2015 (above) and June 4, 2015 (below)



Presented on June 22, 2015 (above) and posted to Town website June 25th

2. Glandore Road Double Yellow Center Line



Dashed Red Line = Existing Curb Line

Plan submitted on September 15, 2015 (above).

Thank You