

Town of Westwood

C/E/F Neighborhood Traffic Calming Update







Tonight's Agenda



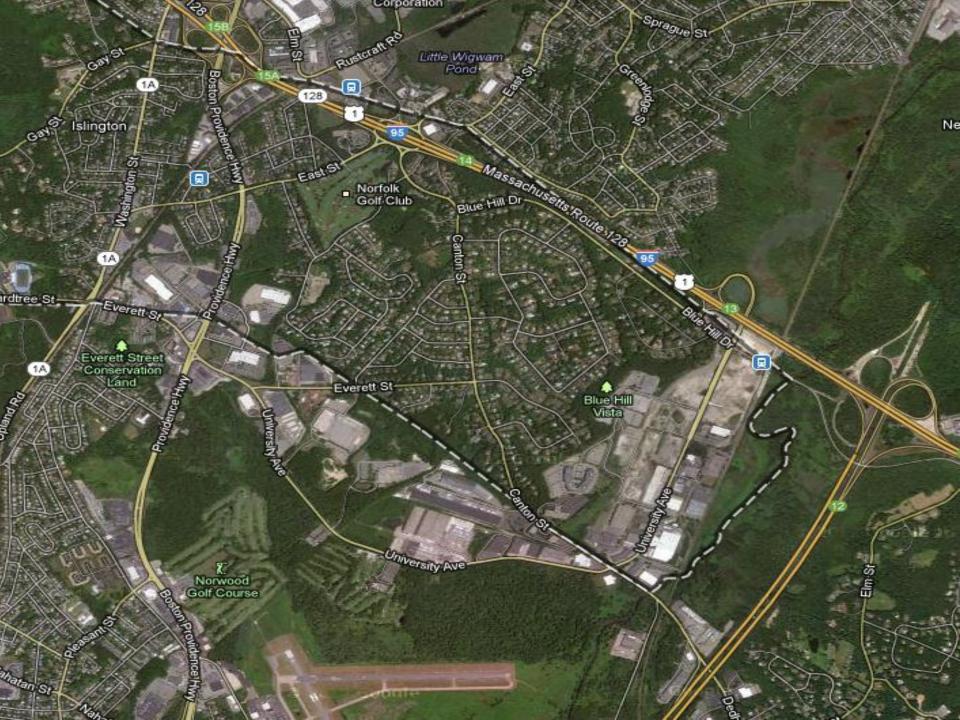
- History
- WWS vs. US Then / Now
- Issues
 - Neighborhood Traffic
 - UA / Canton Street Intersection
- Next Steps



History – WWS to US



- 09/09 C/E/F Approves Plan
- 11/09 NCC Hearing
- 12/09 NCC Decision
- 04/10 C/E/F Approves Phased Plan
- 05/10 5/12 WWS Sale Process
- 05/12 NED/ERE Acquires WWS
- 12/12 Agreement to Fund \$2.1M
- Tonight and Future





Then and Now



	<u>WWS</u> - 2008	<u>US</u> - 2013
Project Size	4.5M Sq. Ft.	2M Sq. Ft.
I-95 Ramp	Open Prior to Project	Open in 2022
Peak AM Counts	NB - 538 / SB - 478	NB - 487 / SB - 402
Peak PM Counts	NB - 521 / SB - 826	NB - 429 / SB - 718
Canton Street Speeds	Avg: NB 34; SB 33 85 th : NB 40; SB 39	Avg: NB 35; SB 34 85 th : NB 40; SB 39
Add-A-Lane	Not Started	Complete
I-95 S Double Ramp	In Progress	Complete
WWS Boulevard	Part of Plan	Not Planned
Traffic Calming	\$2.1 M	\$2.1M



Traffic Calming



- \$2.1 M From Developer
 - \$350K Immediately Speed Reduction
- First Phase
 - C/E/F NTCAG Approved On 4/29/2010
 - More Effective Phase for Speed Reduction?
- Next Phases
 - Develop Monitoring Process
 - Develop Threshold for Deployment
 - Approval (Neighborhood)



Traffic Calming Locations



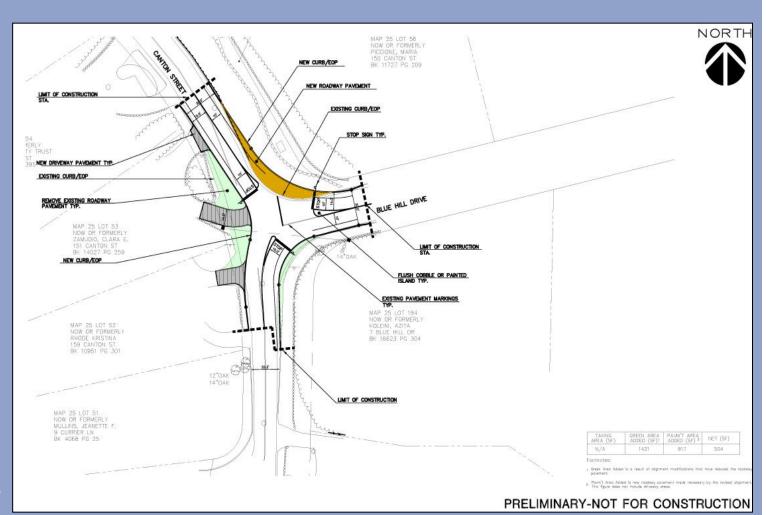
Canton at Blue Hill Drive	Realigned Intersection
Canton at Cushing Road / Perry Drive	Realigned Intersection
Canton at Hemlock Drive	Realigned Intersection
Canton at Forbes Road	Realigned Intersection
Canton at Everett Street	Roundabout
Canton at Downey Street / Metcalf Road	Speed Tables
Everett at Lyons Drive	Speed Tables
Everett at Forbes Road	Diverter
Canton North of Downey Street / Metcalf Road	Gateway
Everett East of Forbes	Gateway
Canton North of Oceana Drive	Gateway
Canton Between Downey Street / Metcalf Road and Canton Terrace	Median
Canton Between Spellman Road and Aran Road	Median
Canton Between Everett Street and Hemlock Drive	Median
Canton Between Hemlock Drive and Oceana Way	Median
Forbes Between Glandore Road and Spellman Road	Median
Forbes Between Canton Street and Kilronan Road	Median



Realigned Intersections



- Reduce Speeds
- Interrupt Long Straight Road Sections
- > 2000 ft. on Canton Street
- Stop Sign Required?





University Avenue – Canton Street

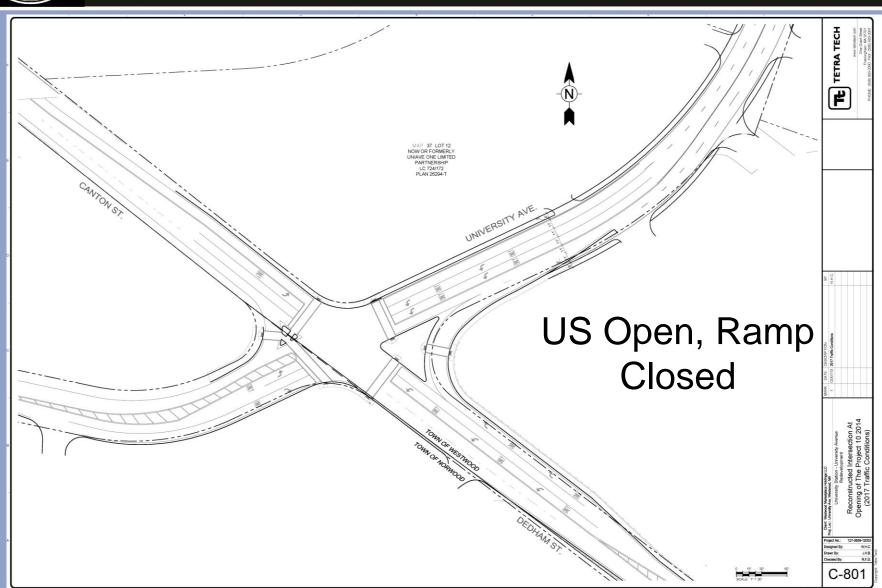


- Turn Restrictions
 - No Left Turn From Canton / No Right Turn From University
 - Commercial Vehicles to 95 N / 93 N Rt. 1
 - Employees to 95 / 93 N Canton Street



In 2017

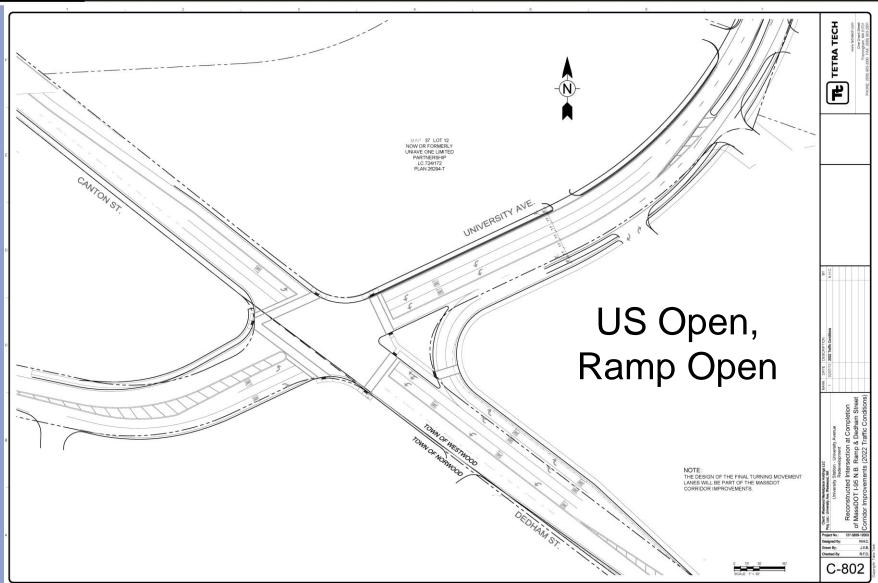






In 2022







Next Steps

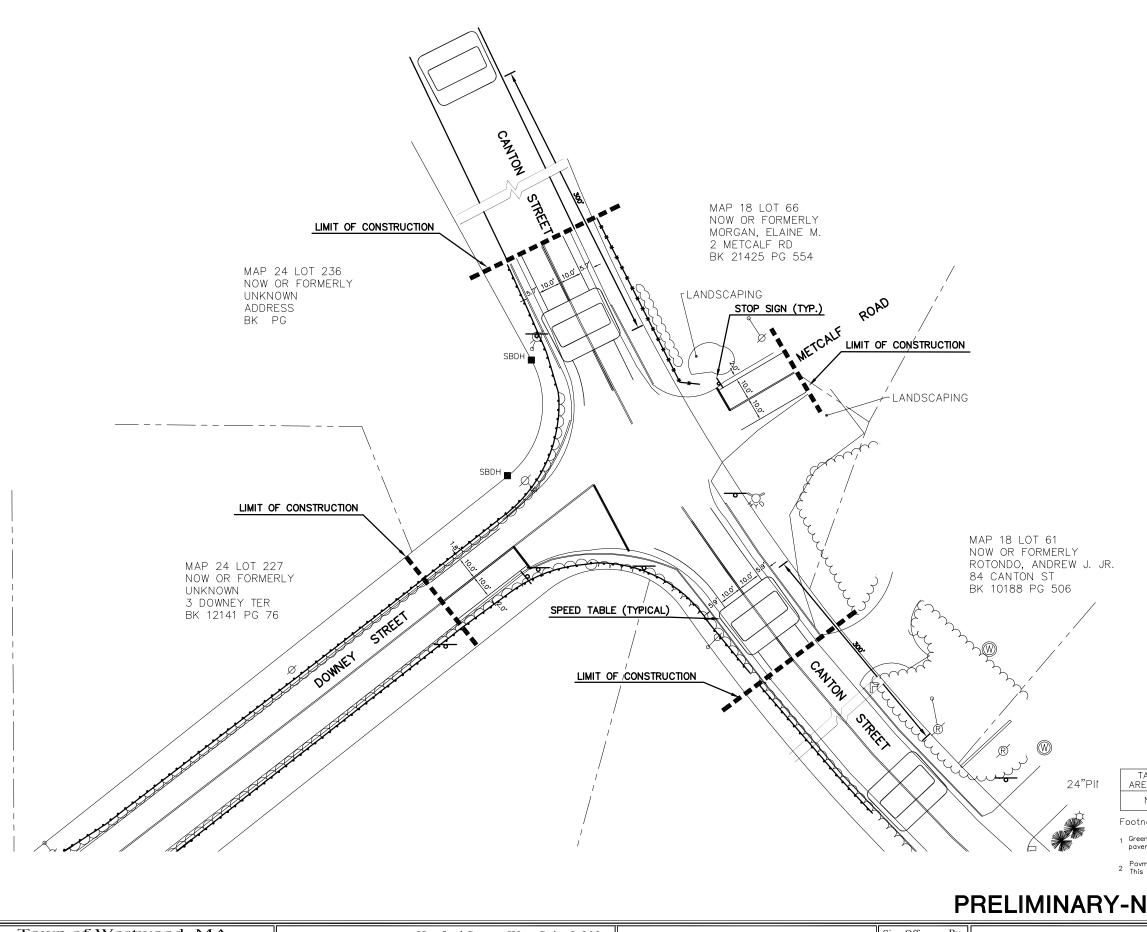


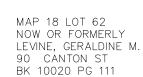
- Identify Baseline Data
- BETA Propose
 - New Phase 1
 - Thresholds
- US Approval Implement Phase 1
- US Opens
 - Monitor East Street Rotary to Left onto UA
 - Monitor UA Right to East Street Rotary
 - Threshold Exceeded, Implement Next Phase
- Set Next Meeting Date Tonight?
 - February 28th?



Questions?







TAKING AREA (SF)	GREEN AREA ADDED (SF) ¹	PAVM'T AREA ADDED (SF) ²	NET (SF)
N/A	N/A	N/A	N/A

Footnotes:

- 1 Green Area Added is a result of alignment modifications that have reduced the roadway
- $_{\rm 2}$ Pavm't Area Added is new roadway pavement made necessary by the revised alignment. This figure does not include driveway areas.

PRELIMINARY-NOT FOR CONSTRUCTION



Town of Westwood, MA Department of Public Works 50 Carby Street, Westwood, MA 02090

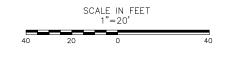
CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING



Drawing No.

Hartford Square West Suite 2-303 75 Charter Oak Avenue Hartford, Connecticut, 06106 Tel. (860)-246-7200 Fax (860) 246-7211

Job No. 8057-00 Date: September 2008



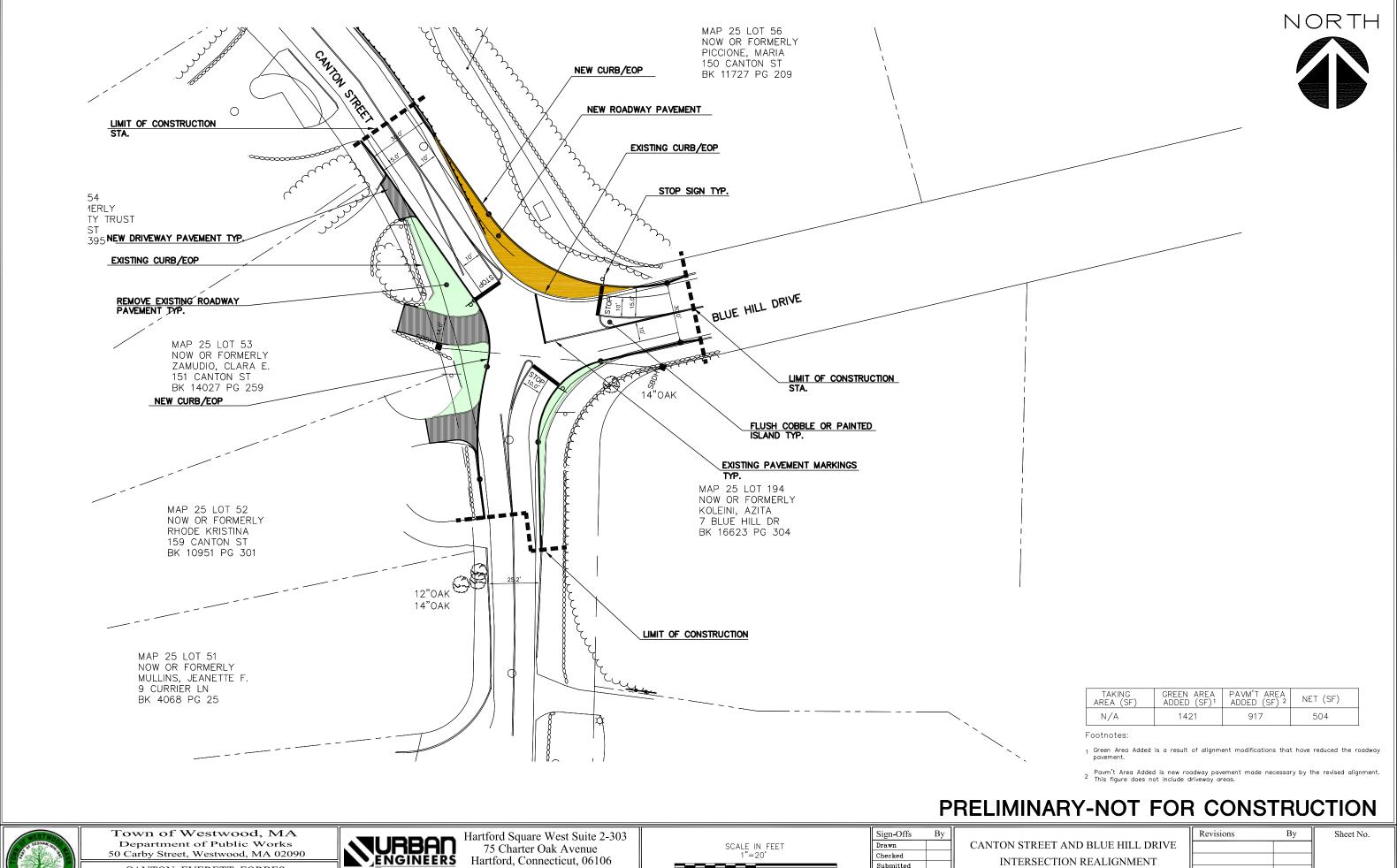
Sign-Offs	By	
Drawn		
Checked		
Submitted		
Recommended		
Approved		

Recorded

CANTON STREET, DOWNEY STREET, AND METCALF ROAD INTERSECTION REALIGNMENT

٦	Revisions	Ву	Sheet No.
١			
١			File No.

NORTH



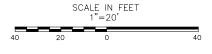
CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING



Drawing No.

Tel. (860)-246-7200 Fax (860) 246-7211

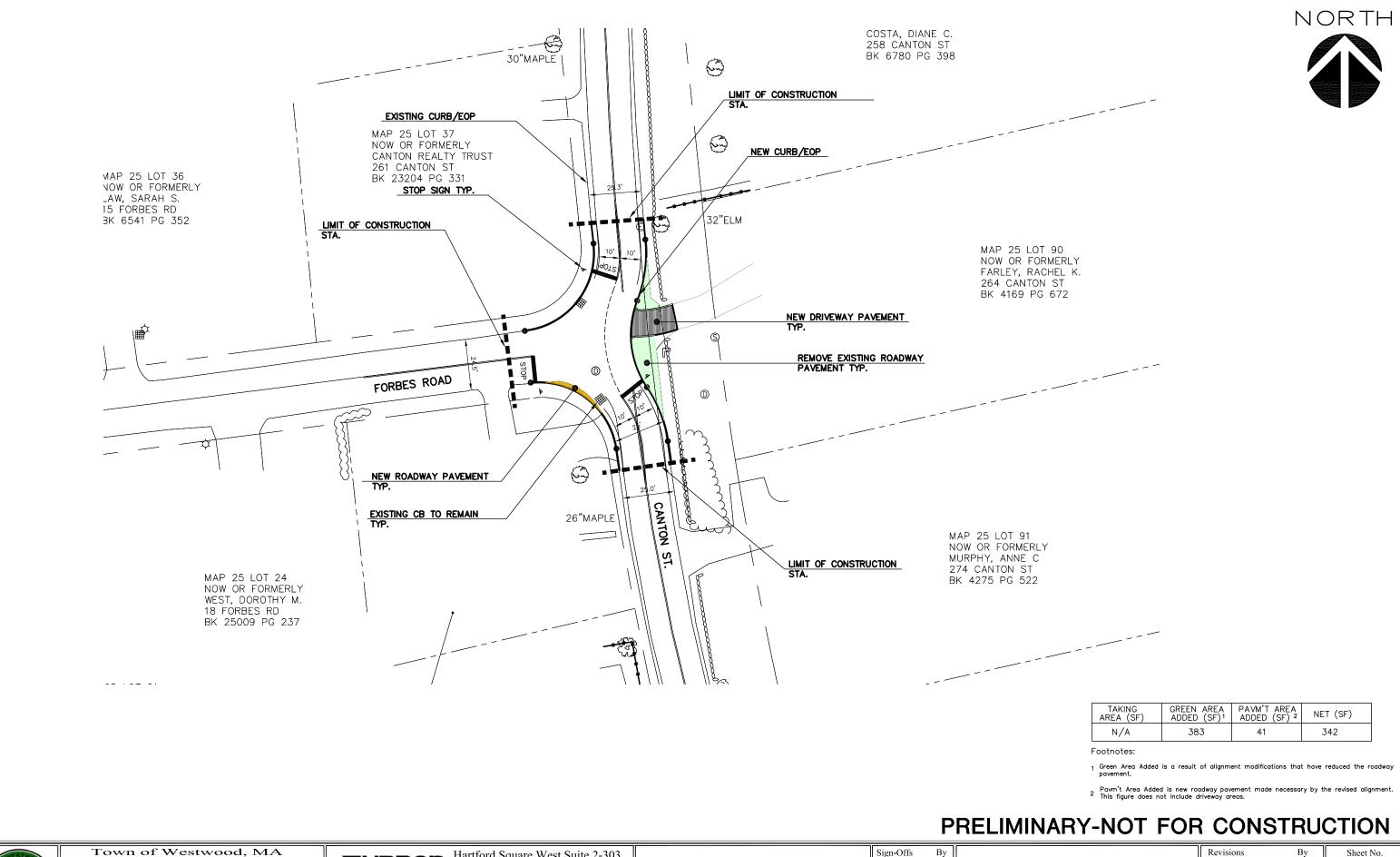
Job No. 8057-00 Date: September 2008



Submitted Recommended Approved

CONSTRUCTION PLAN

Revisions	Ву	Sheet No.
		File No.





Town of Westwood, MA
Department of Public Works
50 Carby Street, Westwood, MA 02090

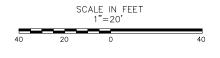
CANTON, EVERETT, FORBES
NEIGHBORHOOD TRAFFIC CALMING

URBAN ENGINEERS Formulating Excellence

Drawing No.

Hartford Square West Suite 2-303 75 Charter Oak Avenue Hartford, Connecticut, 06106 Tel. (860)-246-7200 Fax (860) 246-7211

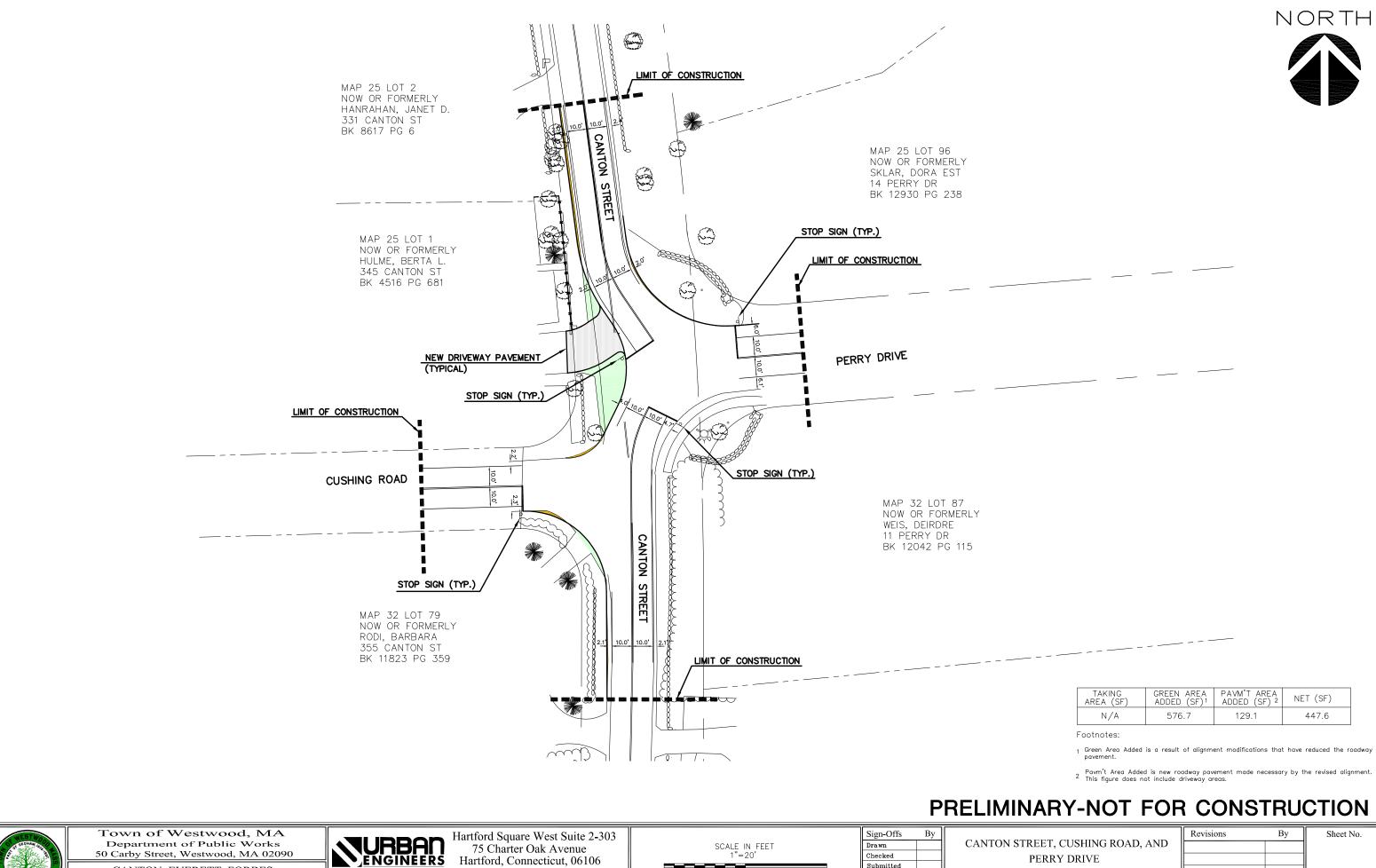
Job No. 8057-00 Date: September 2008



Sign-Offs By
Drawn
Checked
Submitted
Recommended
Approved

CANTON STREET AND FORBES ROAD INTERSECTION REALIGNMENT CONSTRUCTION PLAN

Revisions	Ву	Sheet No.
		E'I M
		File No.





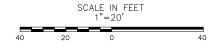
CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING



Drawing No.

Hartford, Connecticut, 06106 Tel. (860)-246-7200 Fax (860) 246-7211

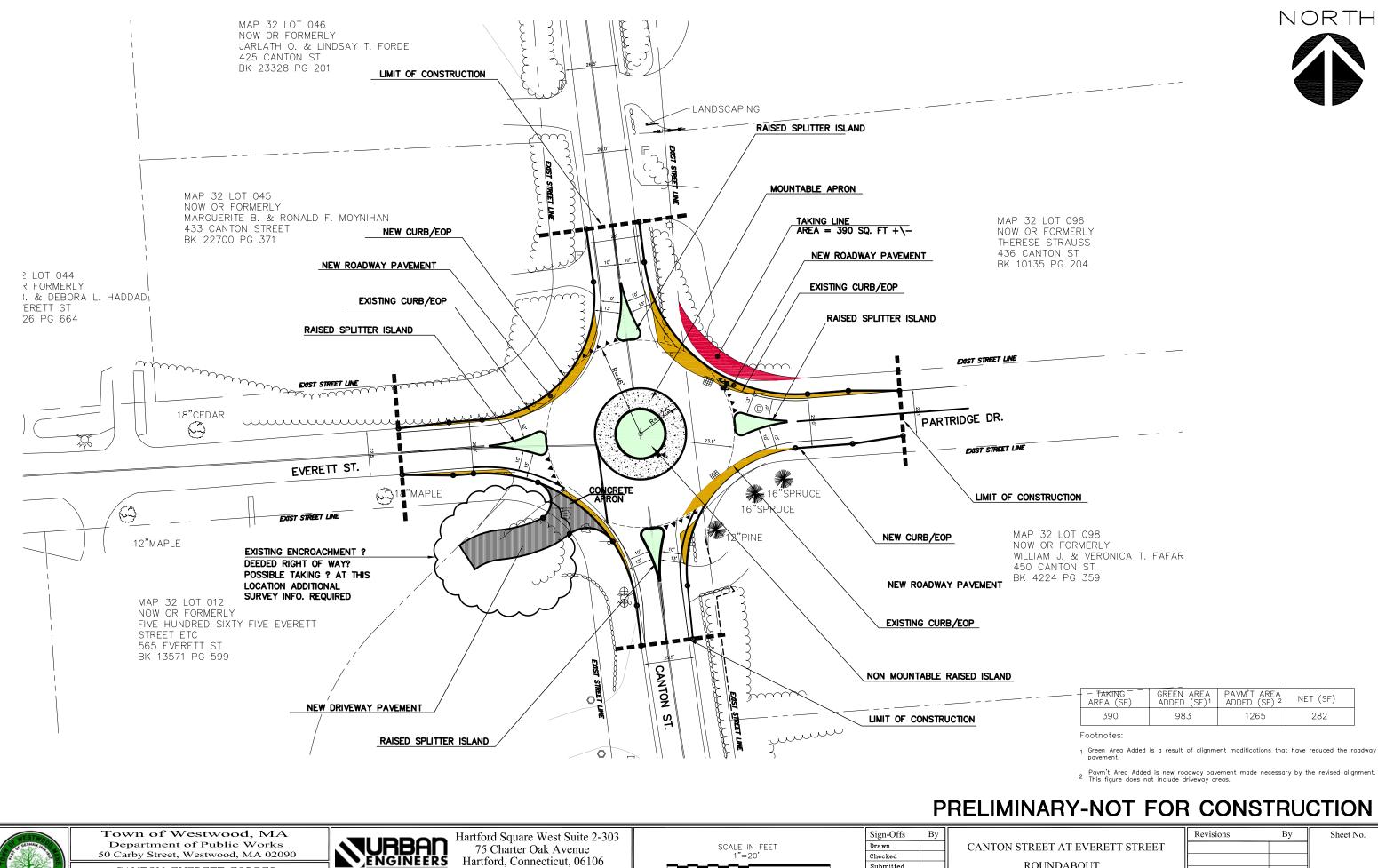
Job No. 8057-00 Date: September 2008



Submitted Recommended Approved

PERRY DRIVE INTERSECTION REALIGNMENT

Revisions	1	Ву	Sheet No.
			File No.

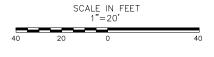


CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING

Drawing No.

Tel. (860)-246-7200 Fax (860) 246-7211

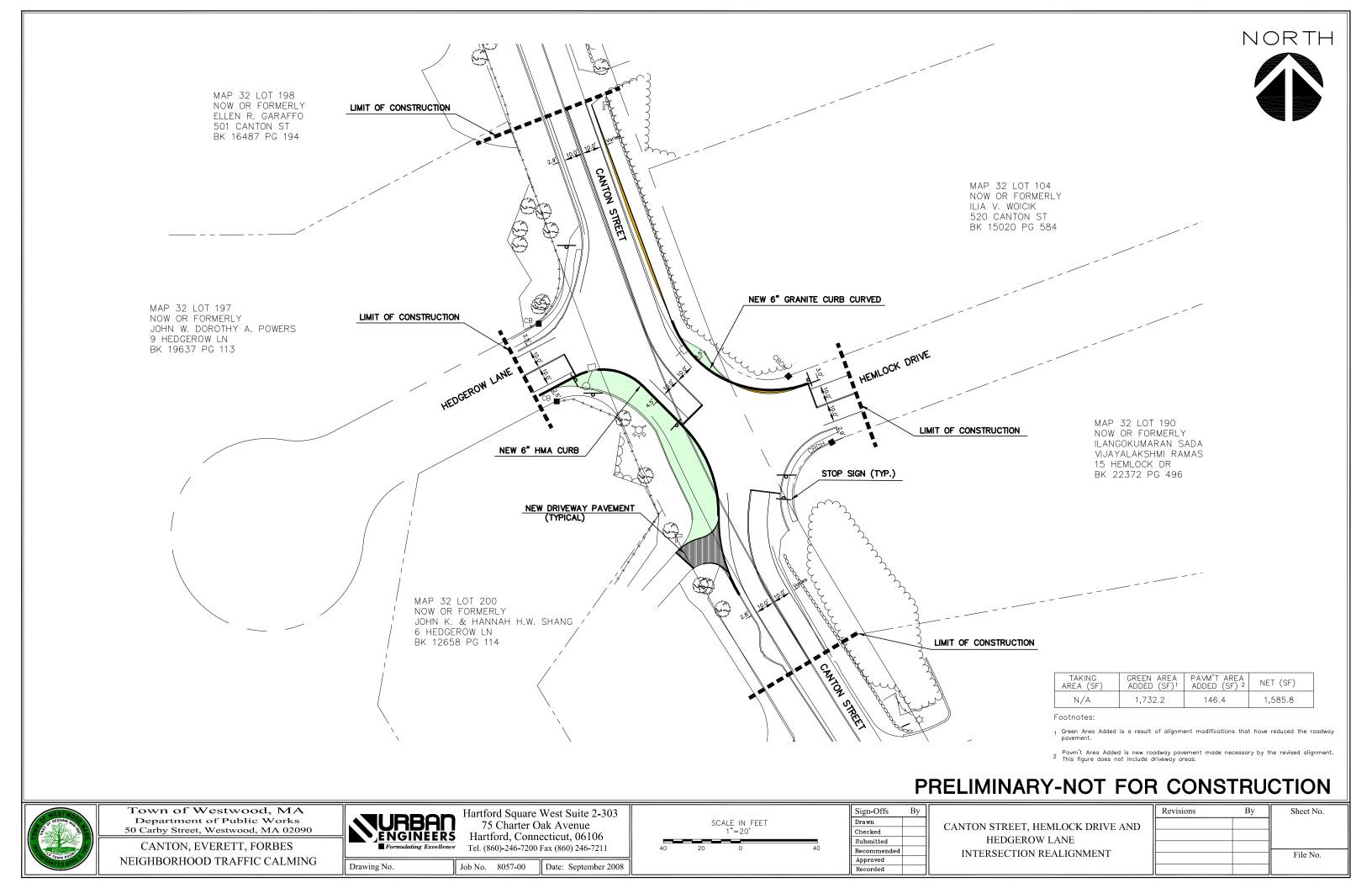
Job No. 8057-00 Date: September 2008

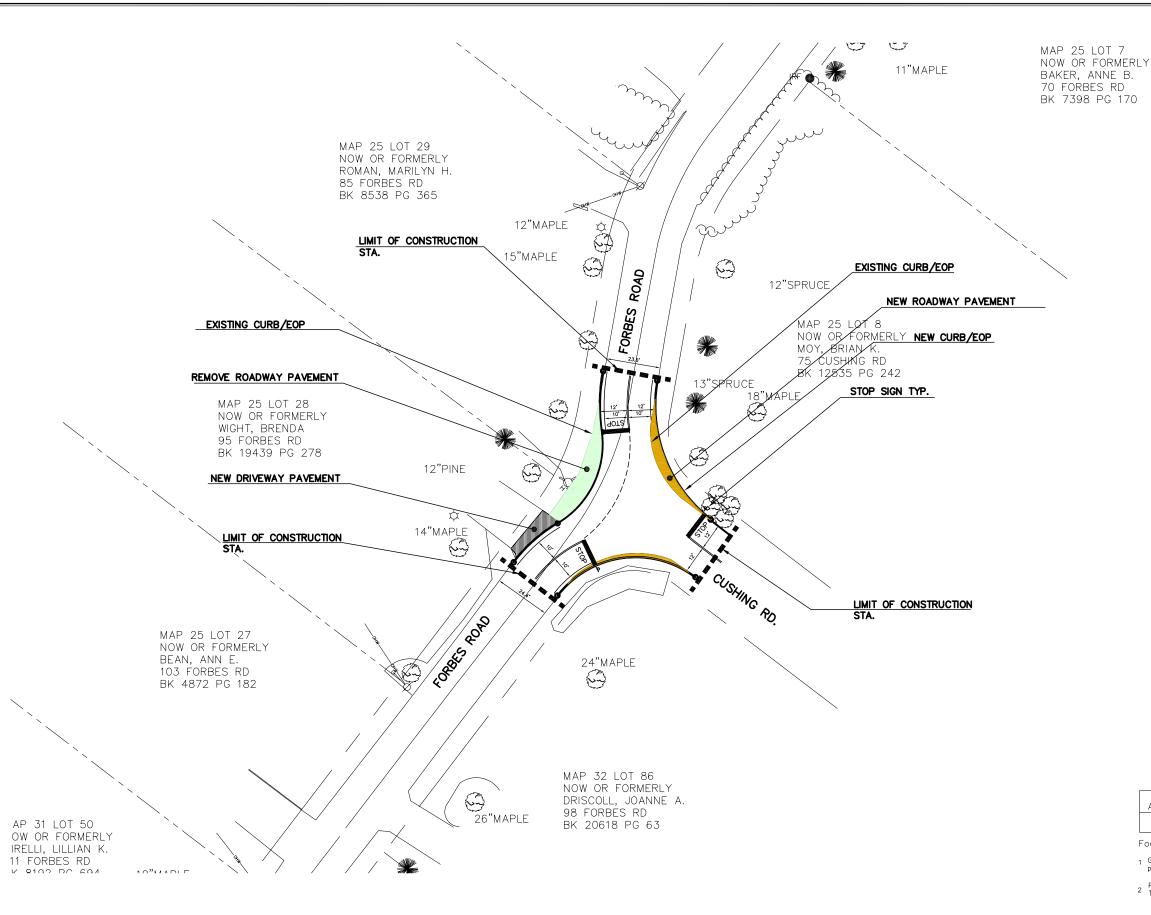


Sign-Offs	Ву
Drawn	
Checked	
Submitted	
Recommended	
Approved	
Recorded	

ROUNDABOUT CONSTRUCTION PLAN

Revisions	Ву	Sheet No.
		File No.







TAKING AREA (SF) GREEN AREA ADDED (SF) ADDED (SF) N/A S11 221 90

Footnotes:

- 1 Green Area Added is a result of alignment modifications that have reduced the roadway pavement.
- Pavm't Area Added is new roadway pavement made necessary by the revised alignment. 2 This figure does not include driveway areas.

PRELIMINARY-NOT FOR CONSTRUCTION



Town of Westwood, MA
Department of Public Works
50 Carby Street, Westwood, MA 02090

CANTON, EVERETT, FORBES
NEIGHBORHOOD TRAFFIC CALMING

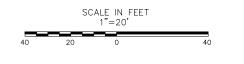


Drawing No.

Hartford Square West Suite 2-303 75 Charter Oak Avenue Hartford, Connecticut, 06106 Tel. (860)-246-7200 Fax (860) 246-7211

Date: September 2008

Job No. 8057-00

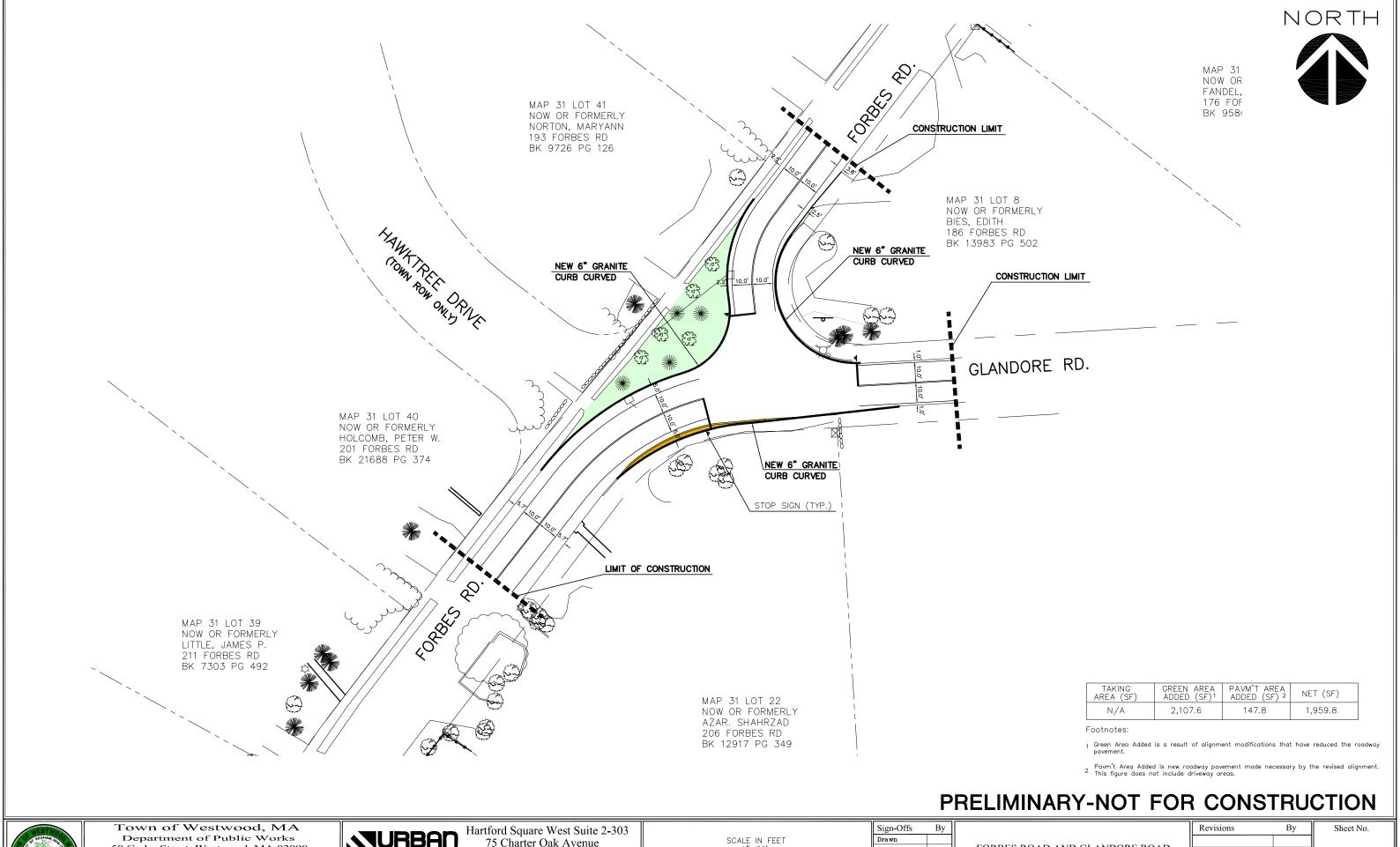


Sign-Offs	Ву	
Drawn		
Checked		
Submitted		
Recommended		
Approved		

Recorded

FORBES ROAD AND CUSHING ROAD INTERSECTION REALIGNMENT CONSTRUCTION PLAN

Revisions	Ву	Sheet No.
		File No.





50 Carby Street, Westwood, MA 02090

CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING

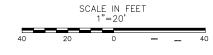


Drawing No.

75 Charter Oak Avenue Hartford, Connecticut, 06106 Tel. (860)-246-7200 Fax (860) 246-7211

Date: September 2008

Job No. 8057-00

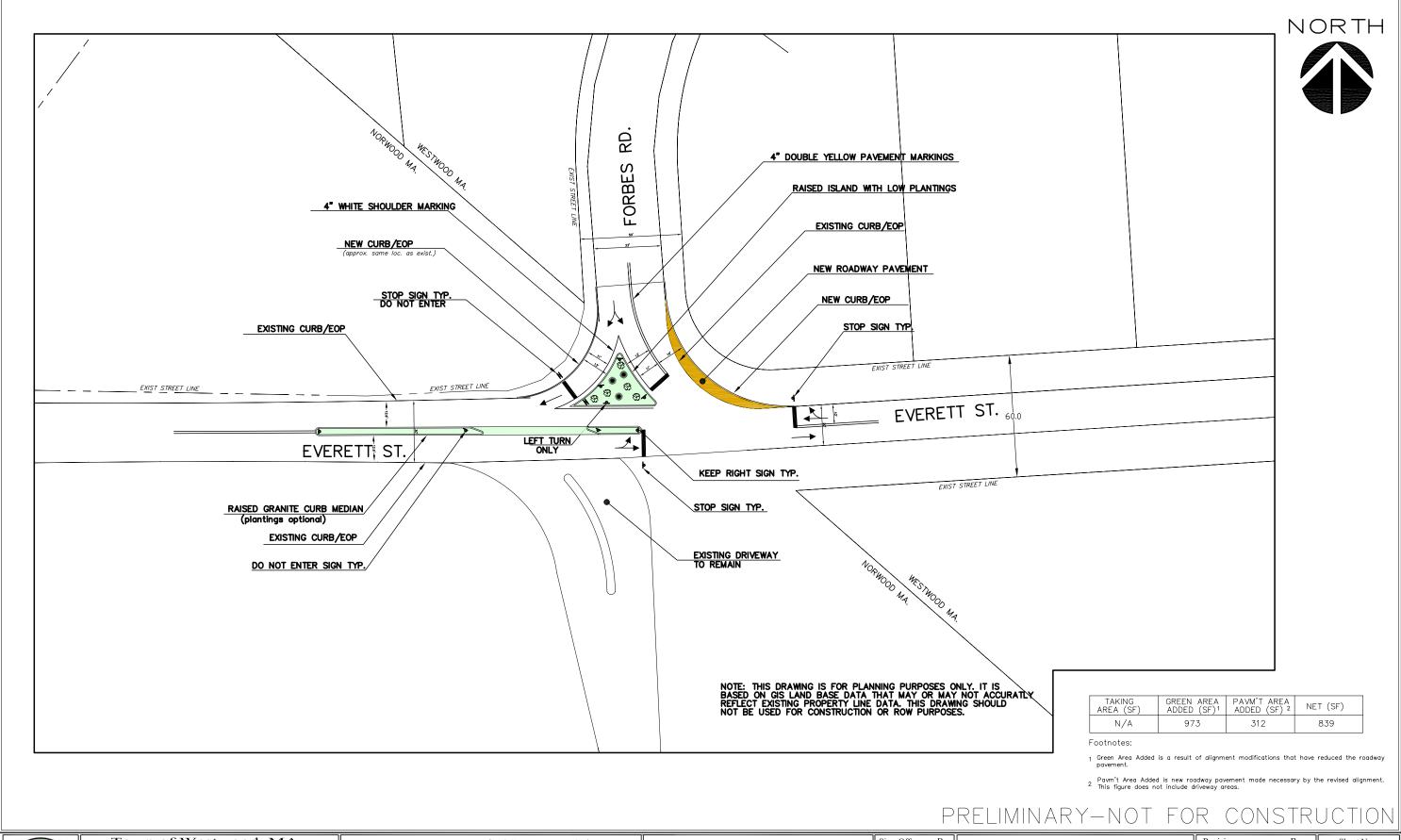


Sign-Offs	Ву
Drawn	
Checked	
Submitted	
Recommended	
Approved	

Recorded

FORBES ROAD AND GLANDORE ROAD INTERSECTION REALIGNMENT

Revisions	Ву	Sheet No.
		P.1. M.
		File No.





Town of Westwood, MA
Department of Public Works
50 Carby Street, Westwood, MA 02090

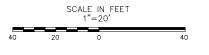
CANTON, EVERETT, FORBES NEIGHBORHOOD TRAFFIC CALMING



Drawing No.

Hartford Square West Suite 2-303 75 Charter Oak Avenue Hartford, Connecticut, 06106

Hartford, C	rtford, Connecticut, 06106 (860)-246-7200 Fax (860) 246-7211			1 =
Tel. (860)-246-			20	
Job No. 8057-0	Date: September 2008]		



Sign-Offs	Ву	
Drawn		
Checked		
Submitted		
Recommended		
Approved		
Decembed		I

FORBES ROAD AT EVERETT STREET
INTERSECTION DIVERTER
CONSTRUCTION PLAN

Revisions	Ву	Sheet No.
		File No.