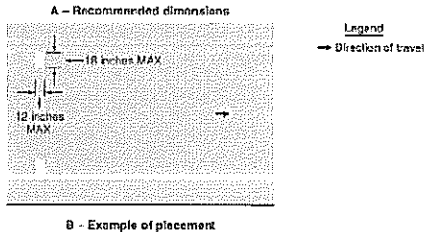
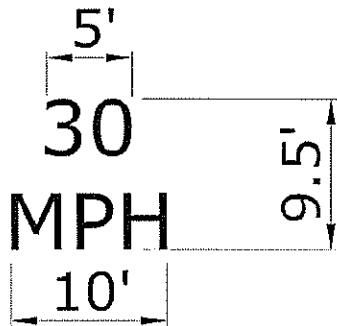


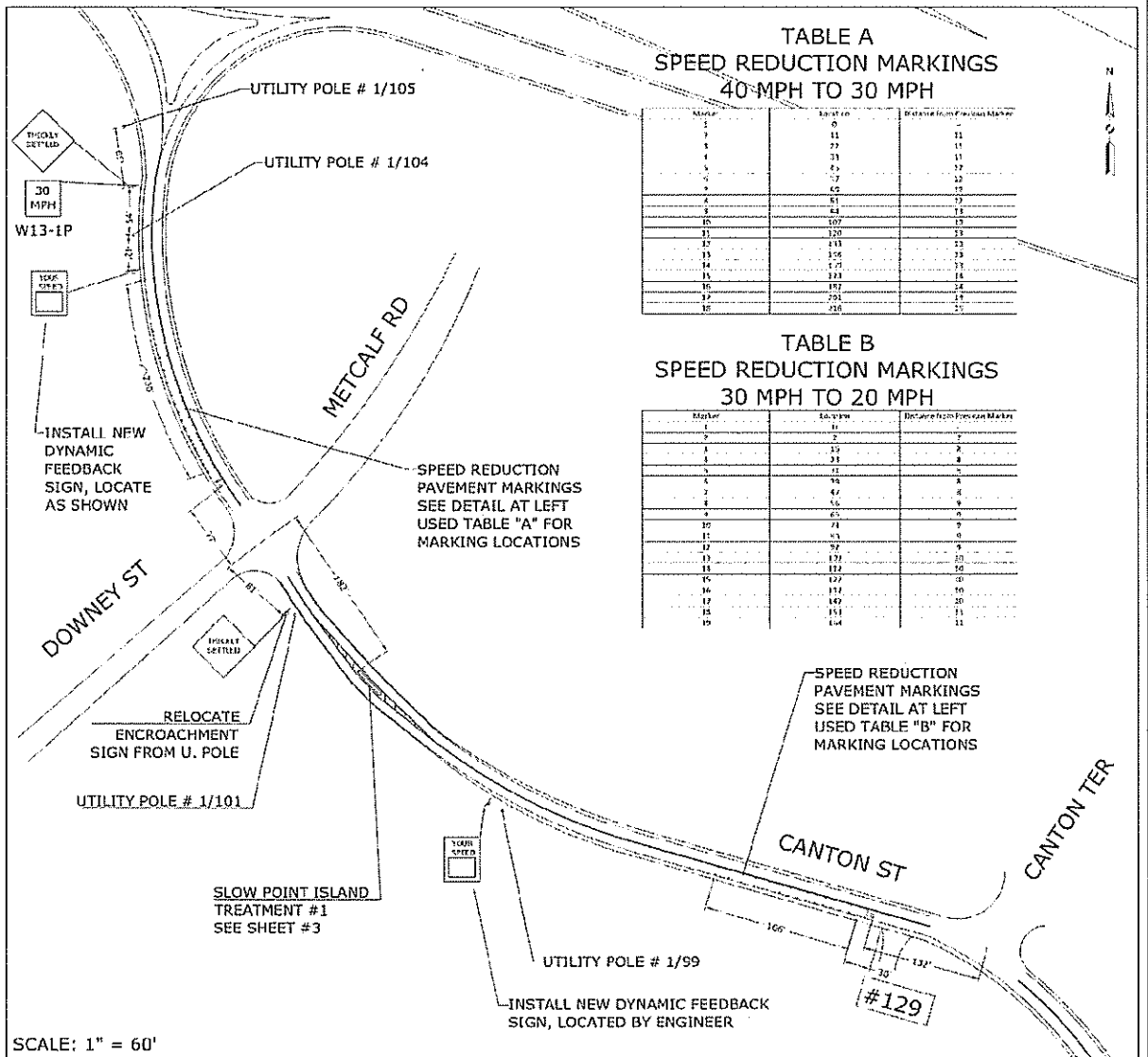
Figure 3B-26. Example of the Application of Speed Reduction Markings



DETAIL FOR STRIPPING AT END OF SPEED REDUCTION PAVEMENT MARKINGS



NOT TO SCALE



**TABLE A
SPEED REDUCTION MARKINGS
40 MPH TO 30 MPH**

Marker	Location	Distance from Previous Marker
1	0	0
2	11	11
3	22	11
4	33	11
5	44	11
6	55	11
7	66	11
8	77	11
9	88	11
10	99	11
11	110	11
12	121	11
13	132	11
14	143	11
15	154	11
16	165	11
17	176	11
18	187	11
19	198	11
20	209	11

**TABLE B
SPEED REDUCTION MARKINGS
30 MPH TO 20 MPH**

Marker	Location	Distance from Previous Marker
1	0	0
2	7	7
3	15	7
4	22	7
5	30	7
6	38	7
7	46	7
8	54	7
9	62	7
10	70	7
11	78	7
12	86	7
13	94	7
14	102	7
15	110	7
16	118	7
17	126	7
18	134	7
19	142	7
20	150	7
21	158	7
22	166	7
23	174	7
24	182	7
25	190	7
26	198	7

SCALE: 1" = 60'

Revisions	By	Date	Notice	Sign-Offs	By	Date	Project Information		Sheet Information
			Manual revisions to this drawing are prohibited. The use of this drawing by any contractor, or by any person for any reason without written authorized consent of the Town of Westwood is prohibited.	Drawn	NMT	8/14	C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT WESTWOOD, MASSACHUSETTS Scale: 1" = 60' TOWN OF WESTWOOD DEPARTMENT OF PUBLIC WORKS	TOWN OF WESTWOOD DEPARTMENT OF PUBLIC WORKS	Sheet Number 2
				Checked	JMT	8/14			SPEED REDUCTION PAVEMENT MARKINGS & TRAFFIC SIGNS Project No. 1926
				Recommended	KDH	8/14			
				Approved			HB-1A Proj. No. 2926 Date August 2014		

3:00pm Westwood Traffic Calming Meeting 7/26/14 11:12 AM Shared Files C:\2009 Equipment Models & Sign Files 1926.dwg

Map # 4-112-215

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Drawn	NMF	8/24
Checked	JMP	8/24
Recommended		
Approved	KOH	8/24
Recorded		

C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT
WESTWOOD, MASSACHUSETTS

BH-1A (Pro. No. 3926) Date August 2014

BETA Engineering & Construction, Inc.
200 Main Street, Westwood, MA 01981
Tel: 978-261-8000 Fax: 978-261-8001
www.betaeng.com

Scale: 1" = 20'


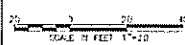
Town of Westwood, MA
Department of Public Works

SLOW POINT TREATMENT AREA #1
TEMPORARY APPLICATION

Sheet Number	3
Project No.	3926

1. New York Technical Drawing, 2nd Edition, McGraw-Hill, 1992, p. 24. 2. 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025.



Revisions	By	Date	Notice	Sign-Offs	By	Date	C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT WESTWOOD, MASSACHUSETTS BR-1A (Proj. No. 3926)	 BETA ENGINEERING & ARCHITECTURE 100 WESTWOOD AVENUE, SUITE 200 WESTWOOD, MASSACHUSETTS 01981 TEL: 508-335-1100 FAX: 508-335-1101 WWW.BETA-MA.COM	Town of Westwood, MA Department of Public Works	Sheet Number		
			Annual revisions to this drawing are prohibited. The use of this drawing by any person, or by any person for any reason without written authority of the Town of Westwood is prohibited.	Drawn	KME	8/2/14				 SCALE IN FEET 1"=20'	SLOW POINT TREATMENT AREA #2 TEMPORARY APPLICATION	4
				Checked	JWF	8/14						Project No. 3926
				Recommended								
				Approved	KOH	8/14						
			Recorded									
						Date August 2014						

1000 State Street, Westwood, MA 01981
 Tel: 508-226-1234
 Fax: 508-226-1235
 www.beta-engineering.com
 BETA ENGINEERING, INC.
 1000 State Street, Westwood, MA 01981
 Tel: 508-226-1234
 Fax: 508-226-1235
 www.beta-engineering.com



Revisions	By	Date	Notice

Sign-Offs	By	Date
Drawn	SHC	8/14
Checked	IMP	8/14
Recommended		
Approved	NOH	8/14
Recorded		

C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT
WESTWOOD, MASSACHUSETTS
 BR: 1A Proj. No. 3926 Date August 2014

BETA ENGINEERING, INC.
 1000 STATE STREET
 WESTWOOD, MASSACHUSETTS 01981
 TEL: 508-226-1234
 FAX: 508-226-1235
 WWW.BETA-ENGINEERING.COM

SCALE IN FEET 1"=20'
 0 20 40

Town of Westwood, MA
Department of Public Works
SLOW POINT TREATMENT AREA #3
TEMPORARY APPLICATION

Sheet Number	5
Project No.	3926

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 100: Not to Scale



Revisions	By	Date

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Sign-Offs	By	Date
Drawn	JMF	8/14
Checked	JMF	8/14
Recommended		
Approved	XOH	8/14
Recorded		

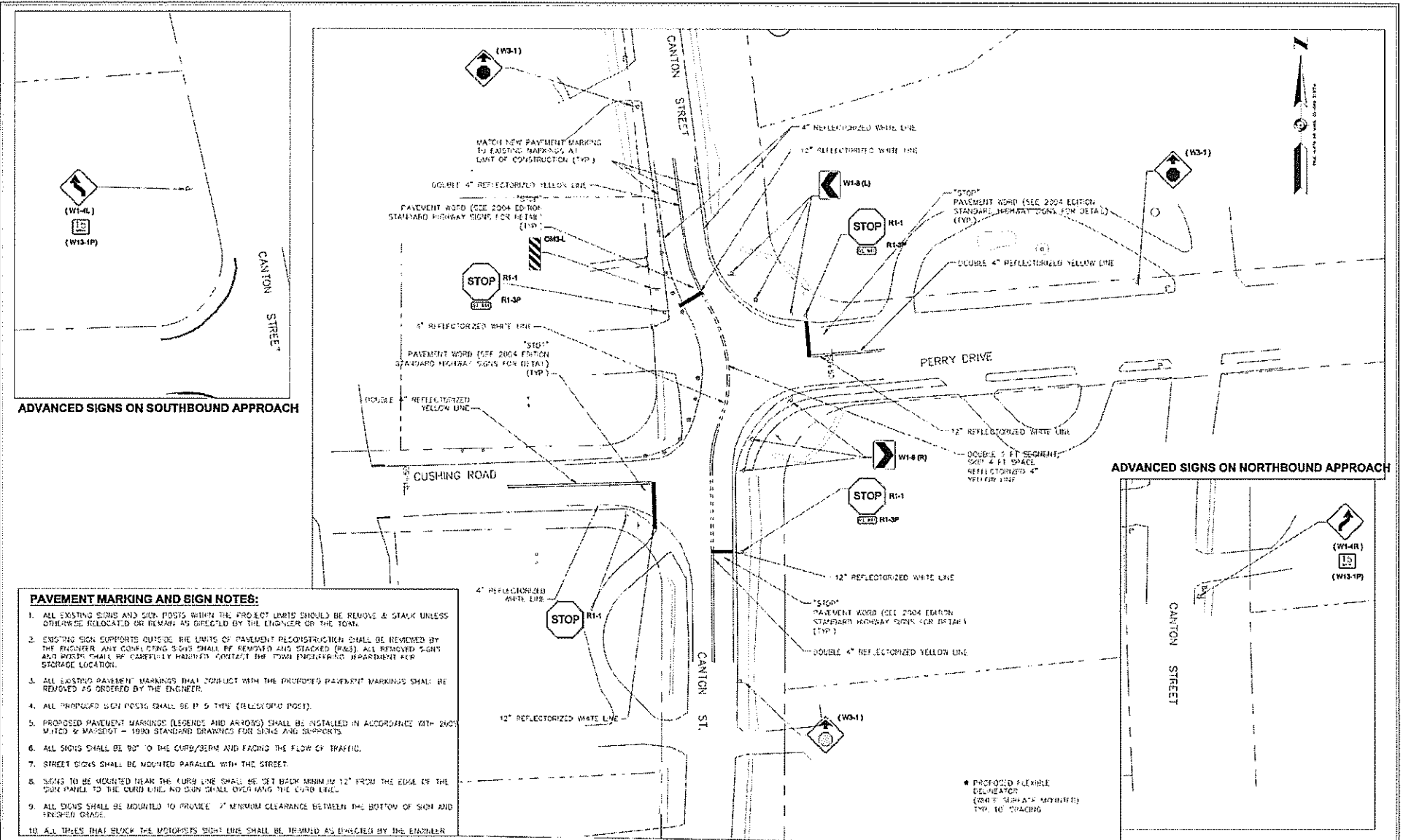
C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT
WESTWOOD, MASSACHUSETTS
 BR-1A (Proj. No. 3926) Date August 2014

BETA
 ENGINEERING & ARCHITECTURE
 100 WESTWOOD AVENUE
 WESTWOOD, MASSACHUSETTS 02156
 TEL: 781.326.1000
 FAX: 781.326.1001
 WWW.BETA-MA.COM

SCALE: IN FEET: 1"=20'

Town of Westwood, MA
Department of Public Works
SLOW POINT TREATMENT AREA #4
TEMPORARY APPLICATION

Sheet Number	6
Project No.	3926



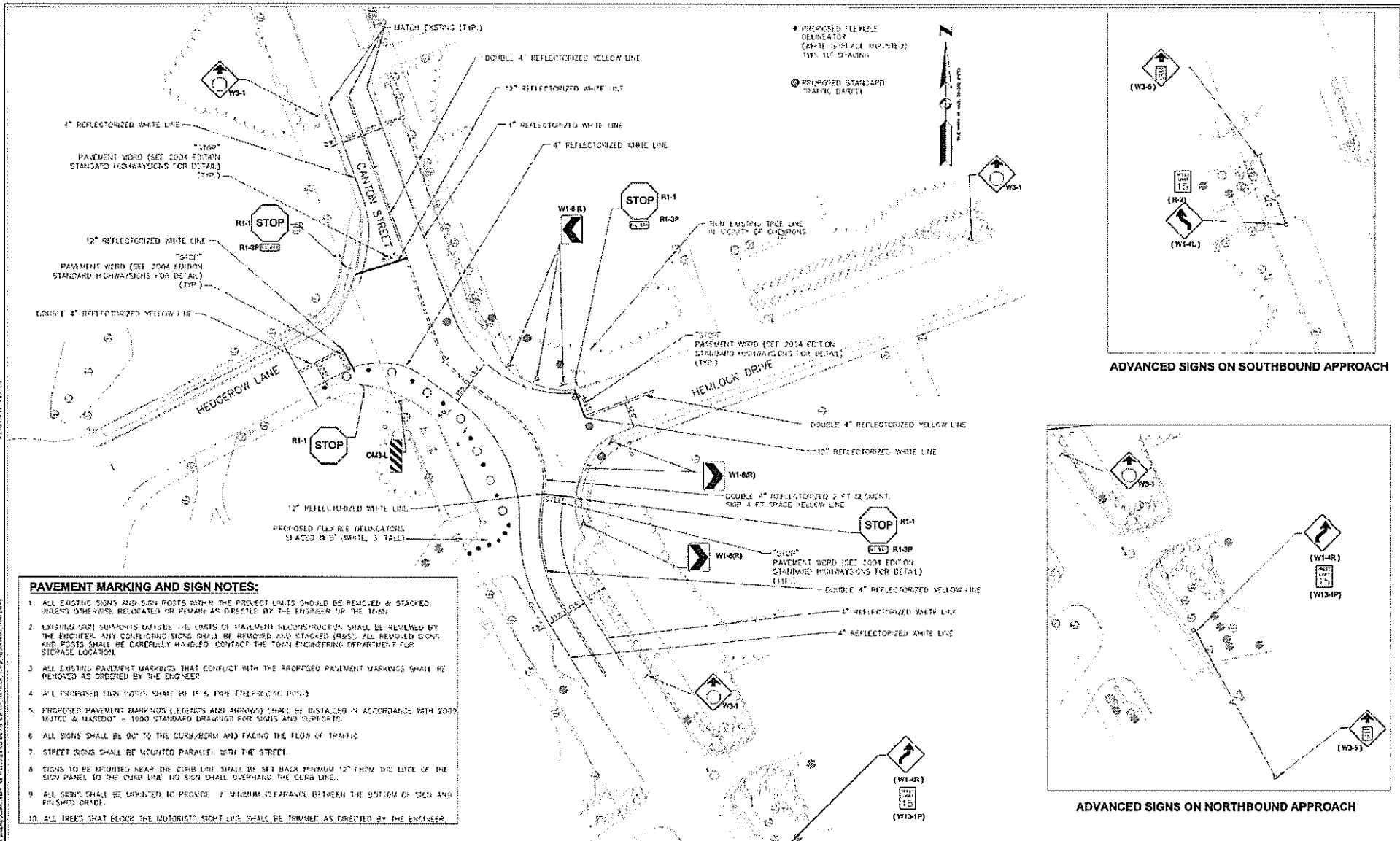
ADVANCED SIGNS ON SOUTHBOUND APPROACH

ADVANCED SIGNS ON NORTHBOUND APPROACH

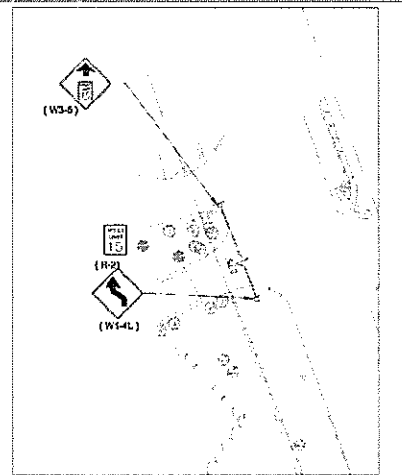
- PAVEMENT MARKING AND SIGN NOTES:**
1. ALL EXISTING SIGNS AND SIGN POSTS WITHIN THE PROJECT LIMITS SHOULD BE REMOVED & STACKED UNLESS OTHERWISE RELOCATED OR REMAIN AS DIRECTED BY THE ENGINEER OR THE TOWN.
 2. EXISTING SIGN SUPPORTS OUTSIDE THE LIMITS OF PAVEMENT RECONSTRUCTION SHALL BE REMOVED BY THE ENGINEER. ANY CONFLICTING SIGNS SHALL BE REMOVED AND STACKED (R&S). ALL REMOVED SIGNS AND POSTS SHALL BE CAREFULLY HANDLED, CONTACT THE TOWN ENGINEERING DEPARTMENT FOR STORAGE LOCATION.
 3. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED AS ORDERED BY THE ENGINEER.
 4. ALL PROPOSED SIGN POSTS SHALL BE 12" DIA (TELESCOPE POST).
 5. PROPOSED PAVEMENT MARKINGS (LEGENDS AND ARROWS) SHALL BE INSTALLED IN ACCORDANCE WITH: 2003 MUTCD & MASSDOT - 1030 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS.
 6. ALL SIGNS SHALL BE 90° TO THE CURB/SIDE AND FACING THE FLOW OF TRAFFIC.
 7. STREET SIGNS SHALL BE MOUNTED PARALLEL WITH THE STREET.
 8. SIGNS TO BE MOUNTED NEAR THE CURB LINE SHALL BE SET BACK MINIMUM 12" FROM THE EDGE OF THE CURB (PARALLEL TO THE CURB LINE, NO SIGN SHALL OVERLAP THE CURB LINE).
 9. ALL SIGNS SHALL BE MOUNTED TO PROVIDE 7' MINIMUM CLEARANCE BETWEEN THE BOTTOM OF SIGN AND FRESH GRADE.
 10. ALL TREES THAT BLOCK THE MOTORISTS SIGHT LINE SHALL BE TRIMMED AS DIRECTED BY THE ENGINEER.

<table border="1"> <thead> <tr> <th>Revisions</th> <th>By</th> <th>Date</th> <th>Notice</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Revisions	By	Date	Notice					<table border="1"> <thead> <tr> <th>Sign Offs</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Drawn</td> <td>LSF</td> <td>8/14</td> </tr> <tr> <td>Checked</td> <td>JMP</td> <td>8/24</td> </tr> <tr> <td>Recommended</td> <td> </td> <td> </td> </tr> <tr> <td>Approved</td> <td>RKH</td> <td>9/14</td> </tr> <tr> <td>Recorded</td> <td> </td> <td> </td> </tr> </tbody> </table>	Sign Offs	By	Date	Drawn	LSF	8/14	Checked	JMP	8/24	Recommended			Approved	RKH	9/14	Recorded			<p align="center">C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT WESTWOOD, MASSACHUSETTS</p>	<p align="center">BETA</p> <p>SCALE: 1" = 20'</p>	<p align="center">Town of Westwood, MA Department of Public Works</p> <p align="center">CANTON ST AT CUSHING RD/PERRY DR TEMPORARY PAVEMENT MARKING AND SIGN PLAN</p>	<p align="center">Sheet Number 7</p> <p align="center">Project No 3926</p>
Revisions	By	Date	Notice																													
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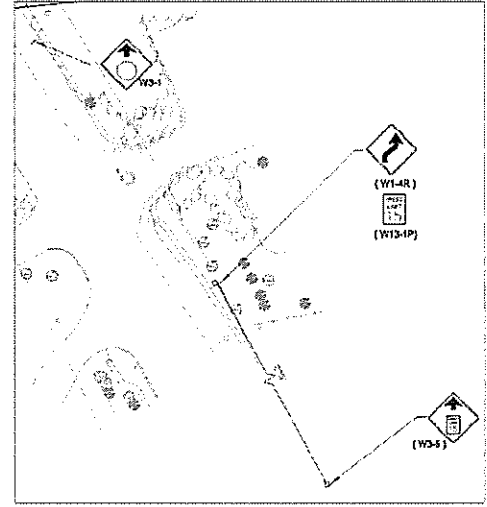
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- PAVEMENT MARKING AND SIGN NOTES:**
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 3. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 4. ALL PROPOSED SIGN POSTS SHALL BE D-5 TYPE (INTERSECTION POST).
 5. PROPOSED PAVEMENT MARKINGS (LEGENDS AND APPROACH) SHALL BE INSTALLED IN ACCORDANCE WITH 2009 MUTCD & MASHDOT - 1000 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS.
 6. ALL SIGNS SHALL BE 90° TO THE CURB/BERM AND FACING THE FLOW OF TRAFFIC.
 7. STREET SIGNS SHALL BE MOUNTED PARALLEL WITH THE STREET.
 8. SIGNS TO BE MOUNTED NEAR THE CURB LINE SHALL BE SET BACK MINIMUM 12" FROM THE EDGE OF THE SIGN PANEL TO THE CURB LINE. NO SIGN SHALL OVERHANG THE CURB LINE.
 9. ALL SIGNS SHALL BE MOUNTED TO PROVIDE 7' MINIMUM CLEARANCE BETWEEN THE BOTTOM OF SIGN AND FINISHED GROUND.
 10. ALL TREES THAT BLOCK THE MOTORIST'S SIGHT LINES SHALL BE TRIMMED AS DIRECTED BY THE ENGINEER.



ADVANCED SIGNS ON SOUTHBOUND APPROACH



ADVANCED SIGNS ON NORTHBOUND APPROACH

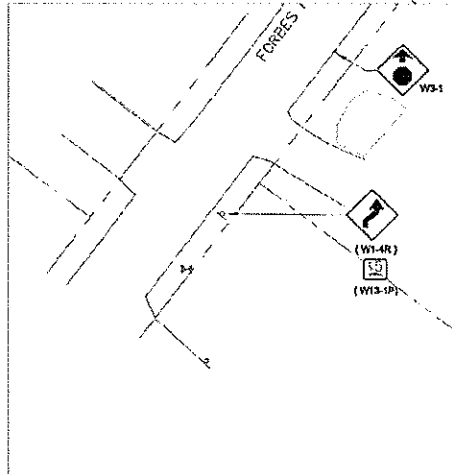
<table border="1"> <thead> <tr> <th>Revisions</th> <th>By</th> <th>Date</th> <th>Notice</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Revisions	By	Date	Notice													<table border="1"> <thead> <tr> <th>Sign Offs</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Drawn</td> <td>JNF</td> <td>8/14</td> </tr> <tr> <td>Checked</td> <td>JNF</td> <td>8/14</td> </tr> <tr> <td>Recommended</td> <td> </td> <td> </td> </tr> <tr> <td>Approved</td> <td>RKH</td> <td>8/14</td> </tr> <tr> <td>Recorded</td> <td> </td> <td> </td> </tr> </tbody> </table>		Sign Offs	By	Date	Drawn	JNF	8/14	Checked	JNF	8/14	Recommended			Approved	RKH	8/14	Recorded			<p>C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT WESTWOOD, MASSACHUSETTS</p> <p>BETA CONSULTING ENGINEERS & ARCHITECTS 100 WESTWOOD AVENUE, SUITE 200 WESTWOOD, MA 01981 TEL: 508-335-1100 FAX: 508-335-1101 WWW.BETA-MA.COM</p> <p>Town of Westwood, MA Department of Public Works</p> <p>CANTON ST AT HEMLOCK DR TEMPORARY PAVEMENT MARKING AND SIGN PLAN</p> <p>BETA Proj. No. 3926 Date: August 2014 SCALE: 1" = 40'</p>		<p>Sheet Number 8</p> <p>Project No 3926</p>	
Revisions	By	Date	Notice																																						
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PAVEMENT MARKING AND SIGN NOTES:

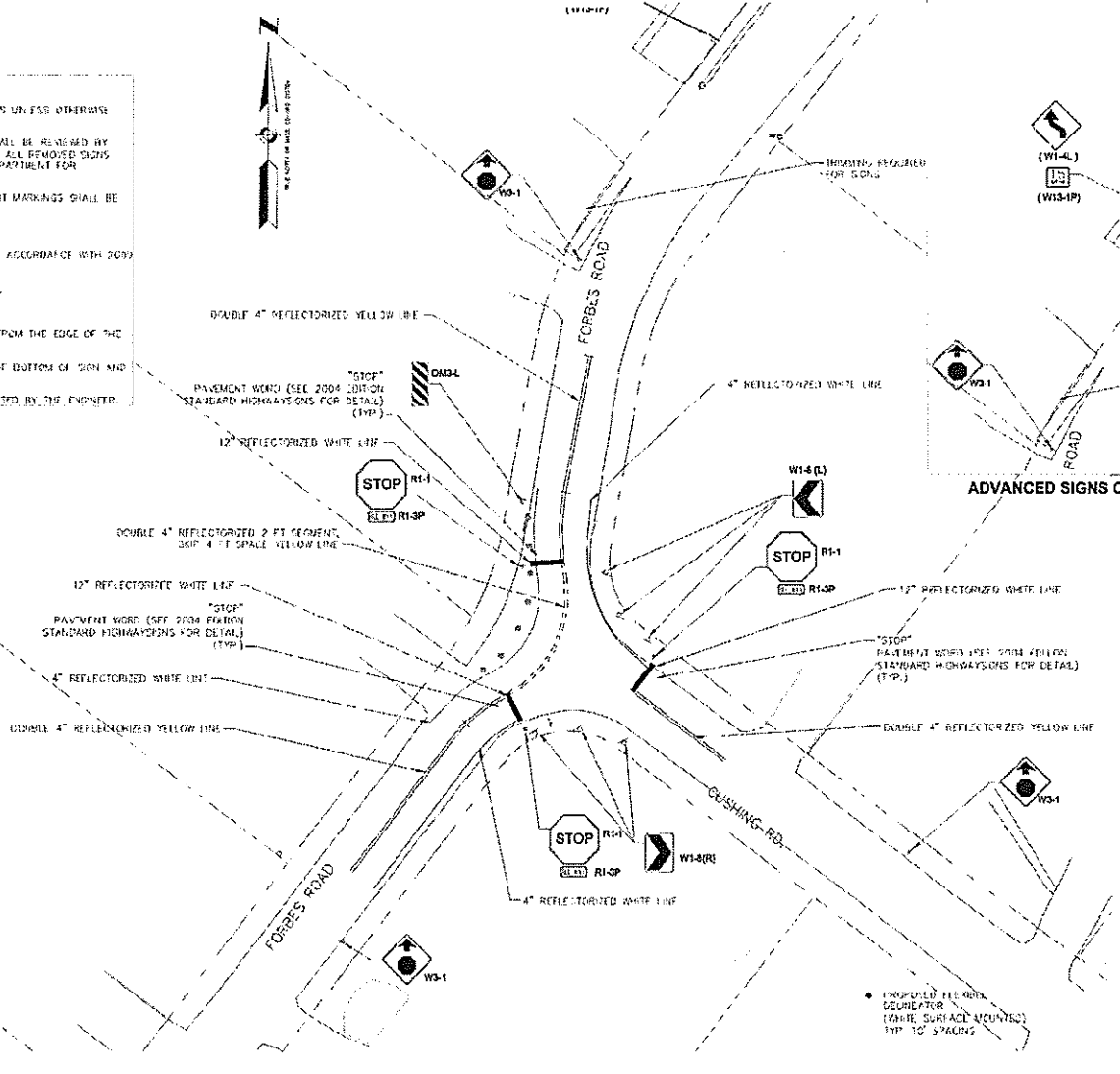
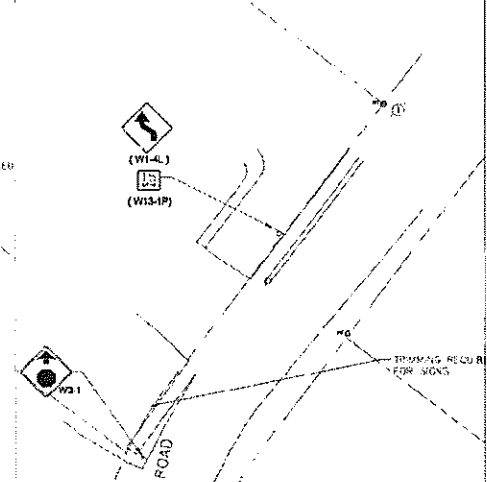
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3. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED AS ORDERED BY THE ENGINEER.
4. ALL PROPOSED SIGN POSTS SHALL BE P-5 TYPE (TELESCOPIC POST).
5. PROPOSED PAVEMENT MARKINGS (LETTERS AND ARROWS) SHALL BE INSTALLED IN ACCORDANCE WITH 2009 MUTCD & MASSDOT - 1999 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS.
6. ALL SIGNS SHALL BE 90° TO THE CURB/VERM AND FACING THE FLOW OF TRAFFIC.
7. STREET SIGNS SHALL BE MOUNTED PARALLEL WITH THE STREET.
8. SIGNS TO BE MOUNTED NEAR THE CURB LINE SHALL BE SET BACK MINIMUM 12" FROM THE EDGE OF THE SIGN PANEL TO THE CURB LINE. NO SIGN SHALL OVERHANG THE CURB LINE.
9. ALL SIGNS SHALL BE MOUNTED TO PROVIDE 7' MINIMUM CLEARANCE BETWEEN THE BOTTOM OF SIGN AND FINISHED GRADE.
10. ALL TREES THAT BLOCK OR OBSCURE SIGN LINE SHALL BE TRIMMED AS DIRECTED BY THE ENGINEER.



ADVANCED SIGNS ON NORTHBOUND APPROACH



ADVANCED SIGNS ON SOUTHBOUND APPROACH



Revisions	By	Date	Notice	Sign-Offs	By	Date	BETA ENGINEERING 200 WESTWOOD AVENUE WESTWOOD, MASSACHUSETTS 01981 TEL: 508-335-1100 FAX: 508-335-1101 WWW.BETA-ENGINEERING.COM	Town of Westwood, MA Department of Public Works	Sheet Number 9 Project No. 3926	
			Manual revisions to this drawing are prohibited. The use of this drawing by any corporation, or by any person, for any reason, without written authorized consent of the Town of Westwood is prohibited.	Drawn	JNY	0/14				
				Checked	JNY	0/14				
				Recommended						
				Approved	RQH	0/14				
				Recorded						
				C/E/F NEIGHBORHOOD TRAFFIC CALMING PROJECT WESTWOOD, MASSACHUSETTS			HETA Proj No 3926	Date August 2014	SCALE: 1" = 25'	FORBES RD AT CUSHING RD TEMPORARY PAVEMENT MARKING AND SIGN PLAN

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