

SIGN LEGEND

D11-1 (24"x18")		R1-1 (30"x30") R1-1S (18"x18")		R5-1 (30"x30")		R9-3bPR (MOD) (24"x12")		R9-5 (MOD) (12"x18")		W16-7P (24"x12")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		R9-3bPL (MOD) (24"x12")		W11-15 (30"x30")			
M6-4 (12"x6")											



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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CONTINUED ON SHEET NO. 2

ENVIRONMENTAL PARTNERS
— An Apex Company —

MARK	DATE	DESCRIPTION

Scale	AS NOTED
Date	JULY 2021
Job No.	R326-1705.00
Designed by	SS
Drawn by	RTK / SS
Checked by	GEL
Approved by	BLH

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COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT MELROSE STREET AND ELBERTA TERRACE

Sheet No.
01

SIGN LEGEND

D11-1 (24"x18")		R1-1S (18"x18")		R9-5 (MOD) (12"x18")		W11-15 (30"x30")	
M6-3 (12"x9")		R9-3bPL (MOD) (24"x12")		R9-6 (MOD) (12"x18")		W16-7P (24"x12")	
M6-4 (12"x6")							



CONTINUED ON SHEET NO. 1

NOTES:

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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS






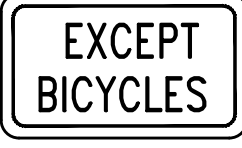



SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT LEXINGTON STREET AND ELBERTA TERRACE

Sheet No.

02

Drawing file: I:\Newton\326-1705-Newton - On Call Engineering Service 2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 23, 2021 - 2:03pm

SIGN LEGEND



D11-1 (24"x18")		R1-1S (18"x18")		R5-1 (30"x30")		R9-3bPL (MOD) (24"x12")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		R9-5 (MOD) (12"x18")	
M6-4 (12"x6")							



NOTES:


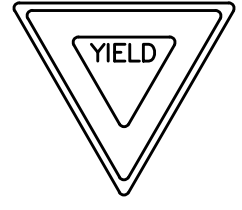




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 <p>ENVIRONMENTAL PARTNERS — An Apex Company —</p>			Scale	AS NOTED	 <p>THIS LINE IS ONE INCH LONG WHEN PLOTTED AT FULL SCALE ON A 22" X 34" DRAWING</p>	<p>COMMONWEALTH AVENUE CARRIAGEWAY CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS NEWTON, MASSACHUSETTS</p> <p>SIGN AND PAVEMENT MARKING CONCEPT PLANS CARRIAGEWAY AT AUBURN STREET</p>	Sheet No.
	MARK	DATE	DESCRIPTION	Date			JULY 2021
			Job No.	R326-1705.00			
			Designed by	SS			
			Drawn by	RTK / SS			
			Checked by	GEL			
			Approved by	BLH			

Drawing file: I:\Newton\326-1705 Newton - On Call Engineering Service 2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:25pm

SIGN LEGEND

D11-1 (24"X18")		R1-2 (36"X36")		R5-1 (30"X30")		W16-7P (24"X12")	
M6-3 (12"X9")		R3-7b (18"X12")		W11-15 (30"X30")			



NOTES:

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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT CENTRAL STREET

Sheet No.
04

Drawing file: I:\Newton\326-1705-Newton - On Call Engineering Service 2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:26pm

SIGN LEGEND

R1-1S
(18"X18")



R9-5 (MOD)
(12"X18")



R9-3bPL (MOD)
(24"X12")



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT ARAPAHOE ROAD & WASHINGTON STREET

Sheet No.

05

SIGN LEGEND

D11-1 (24"X18")		R1-1 (30"X30") R1-1S (18"X18")		R5-1 (30"X30")		W11-15 (30"X30")	
M6-3 (12"X9")		R3-7b (18"X12")		R6-1R (36"X12")		W16-7P (24"X12")	
M6-4 (12"X6")							



CONTINUED ON SHEET NO. 5

- NOTES:**
1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS
 SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT OLDHAM ROAD

Sheet No.
06

SIGN LEGEND


D11-1 (24"x18")		R1-1 (30"x30") R1-1S (18"x18")		R5-1 (30"x30")		W11-15 (30"x30")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		W16-7P (24"x12")	
M6-4 (12"x6")							



NOTES:













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		MARK	DATE	DESCRIPTION																																
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Drawing file: I:\Newton\326-1705-Newton - On Call Engineering Service\2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\CAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:26pm

SIGN LEGEND


D11-1 (24"x18")		R1-1 (30"x30") R1-1S (18"x18")		R5-1 (30"x30")		R9-3bPR (MOD) (24"x12")		R9-5 (MOD) (12"x18")		W16-7P (24"x12")	
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NOTES:







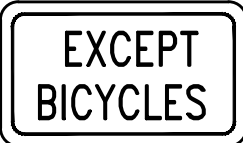




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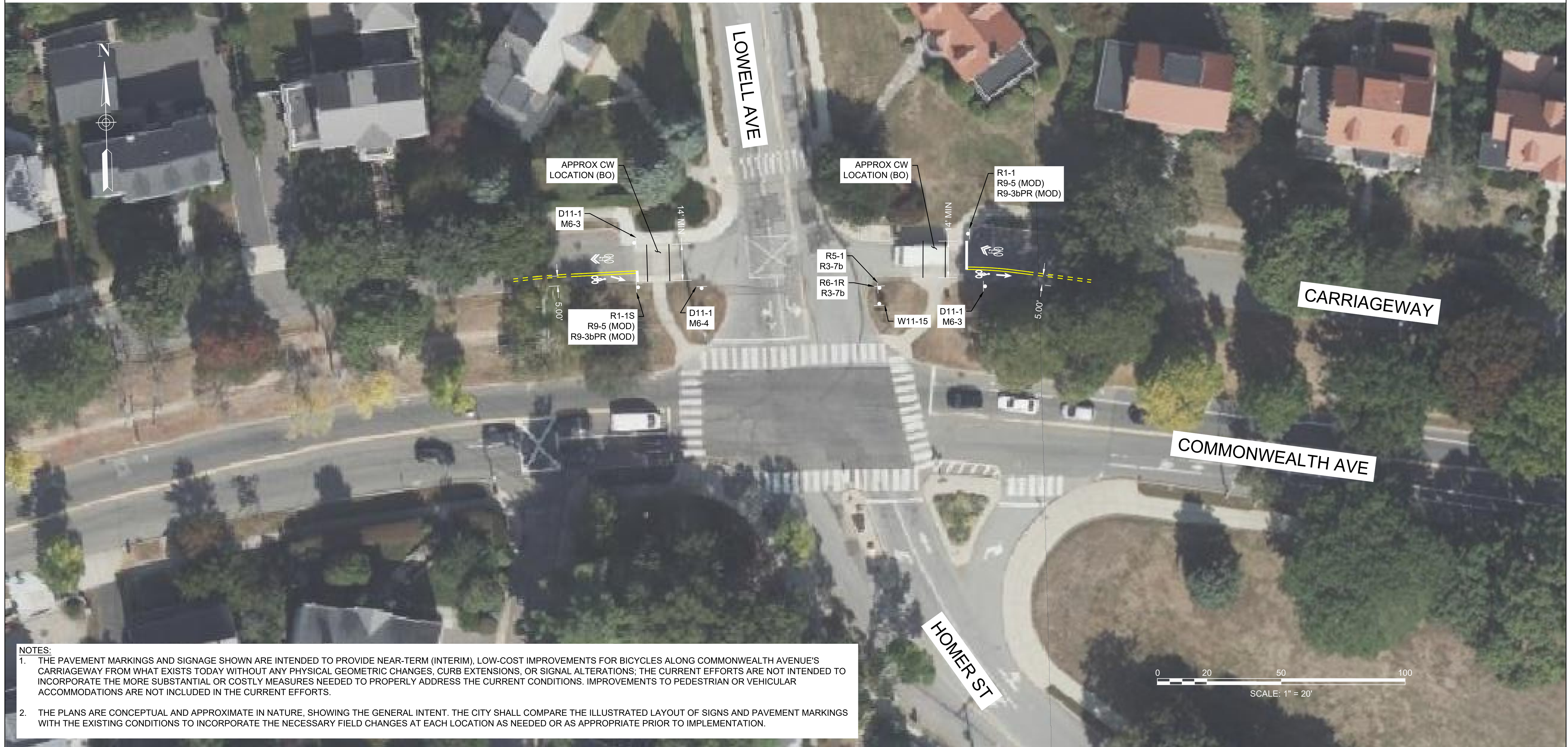
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		MARK	DATE	DESCRIPTION																																	
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SIGN LEGEND

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M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		R9-5 (MOD) (12"x18")		W16-7P (24"x12")	
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CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT LOWELL AVENUE

Sheet No. **09**

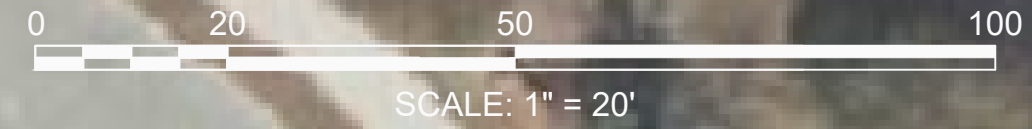
SIGN LEGEND

- D11-1 (24"x18") 
- M6-3 (12"x9") 
- M6-4 (12"x6") 
- R1-1S (18"x18") 
- W11-15 (30"x30") 
- W16-7P (24"x12") 



NOTES:

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 NEWTON, MASSACHUSETTS

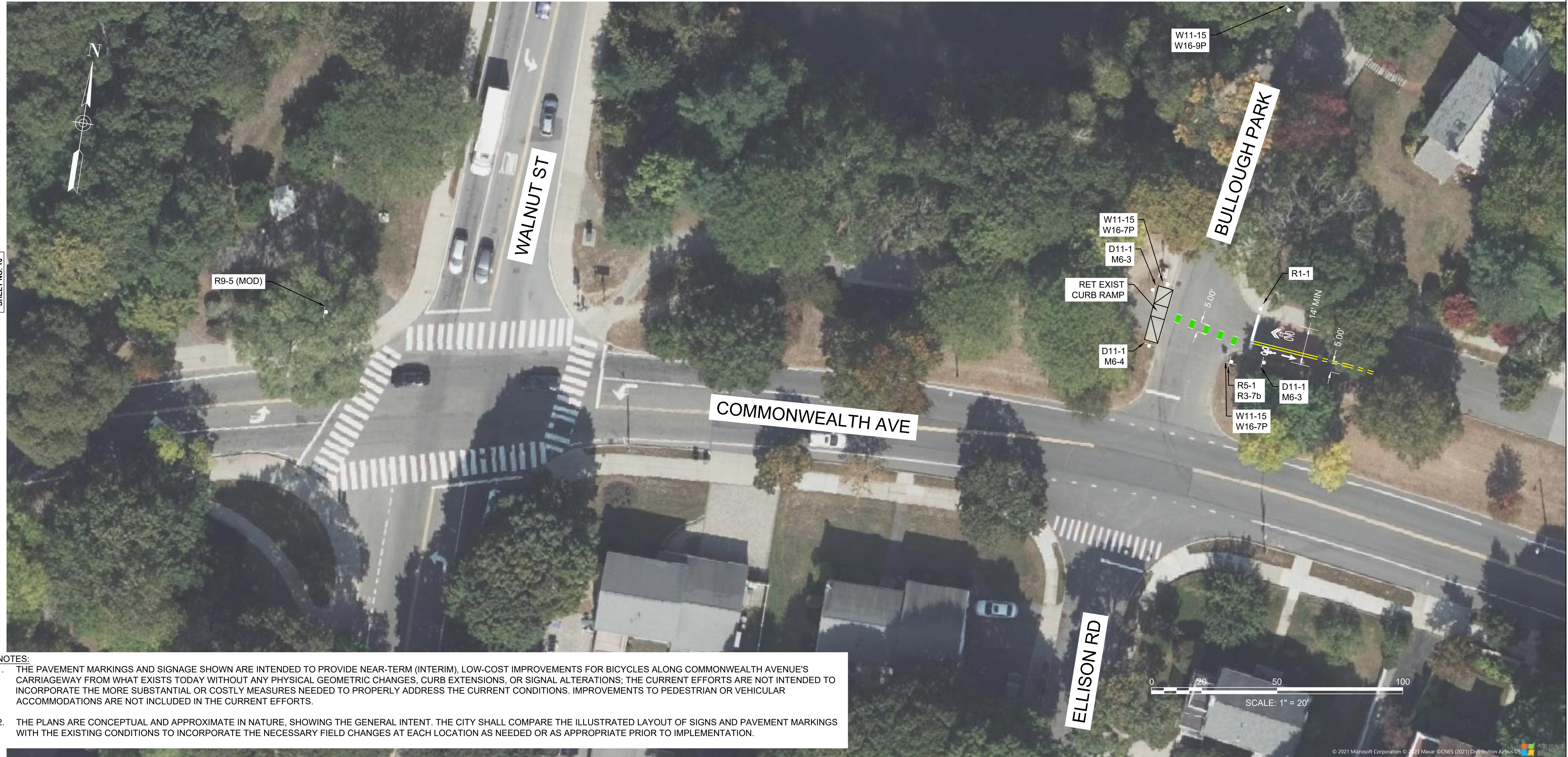
SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT BEAUMONT AVENUE

Sheet No.
10

CONTINUED ON SHEET NO. 11
 Drawing file: I:\Newton\326-1705-Newton - On Call Engineering Service\2018\Task Orders (Projects)\Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:26pm

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D11-1 (24"X18")		R1-1 (30"X30")		R5-1 (30"X30")		W11-15 (30"X30")		W16-9P (24"X12")	
M6-3 (12"X9")		R3-7b (18"X12")		R9-5 (MOD) (12"X18")		W16-7P (24"X12")			



CONTINUED ON SHEET NO. 10

- NOTES:**
1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
 2. THE PLANS ARE CONCEPTUAL AND APPROXIMATE IN NATURE, SHOWING THE GENERAL INTENT. THE CITY SHALL COMPARE THE ILLUSTRATED LAYOUT OF SIGNS AND PAVEMENT MARKINGS WITH THE EXISTING CONDITIONS TO INCORPORATE THE NECESSARY FIELD CHANGES AT EACH LOCATION AS NEEDED OR AS APPROPRIATE PRIOR TO IMPLEMENTATION.



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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT WALNUT STREET AND BULLOUGH PARK

Sheet No.

11

SIGN LEGEND

D11-1 (24"X18")		R1-1 (30"X30")		W16-7P (24"X12")	
M6-3 (12"X9")		W11-15 (30"X30")			



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT WATER STREET

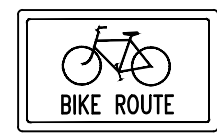
Sheet No.

13

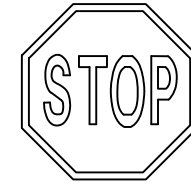
Drawing file: I:\Newton\326-1705 Newton - On Call Engineering Service\2018\Task Orders (Projects)\7 Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:26pm

SIGN LEGEND

D11-1
(24"x18")



R1-1
(30"x30")
R1-1S
(18"x18")



R5-1
(30"x30")



R9-3bPR (MOD)
(24"x12")



W11-15
(30"x30")



M6-3
(12"x9")



R3-7b
(18"x12")



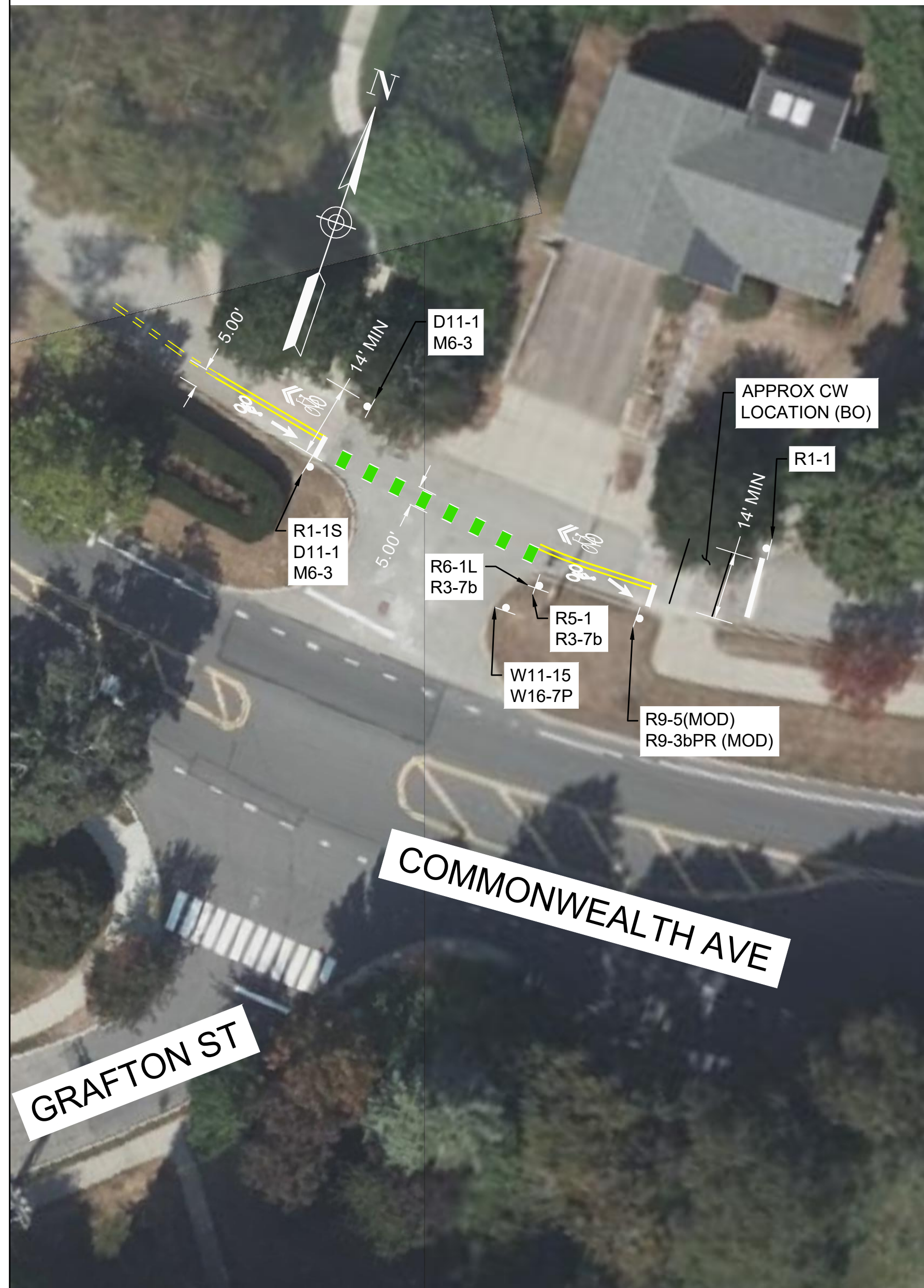
R6-1L
(36"x12")



R9-5 (MOD)
(12"x18")



W16-7P
(24"x12")



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT GRAFTON STREET AND CENTRE STREET

Sheet No.

14

SIGN LEGEND

D11-1 (24"x18")		R1-1 (30"x30") R1-1S (18"x18")		R5-1 (30"x30")		W11-15 (30"x30")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		W16-7P (24"x12")	
M6-4 (12"x6")							



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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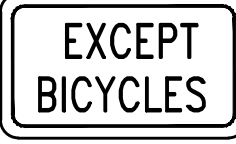




COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

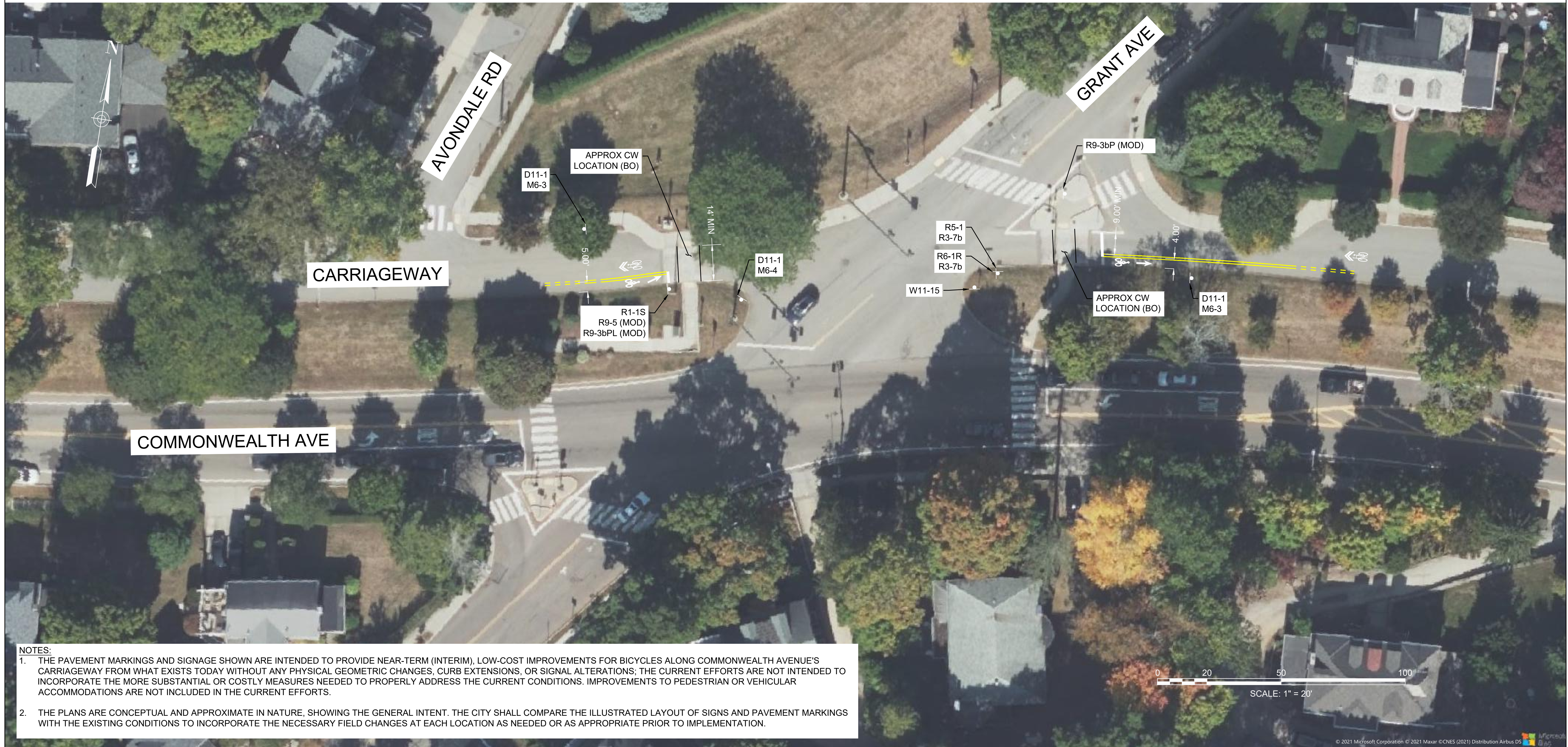
SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT SUMNER STREET

Sheet No.
15

Drawing file: I:\Newton\326-1705 Newton - On Call Engineering Service 2018\Task Orders (Projects)\Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:26pm

SIGN LEGEND

D11-1 (24"x18")		R1-1S (18"x18")		R5-1 (30"x30")		R9-3bPR (MOD) (24"x12")		R9-3bP (MOD) (24"x12")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		R9-3bPL (MOD) (24"x12")		R9-5 (MOD) (12"x18")	
M6-4 (12"x6")									



NOTES:

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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT GRANT AVENUE

SIGN LEGEND

- D11-1 (24"X18") 
- M6-3 (12"X9") 
- M6-4 (12"X6") 
- R6-1R (36"X12") 
- R3-7b (18"X12") 



NOTES:

1. THE PAVEMENT MARKINGS AND SIGNAGE SHOWN ARE INTENDED TO PROVIDE NEAR-TERM (INTERIM), LOW-COST IMPROVEMENTS FOR BICYCLES ALONG COMMONWEALTH AVENUE'S CARRIAGEWAY FROM WHAT EXISTS TODAY WITHOUT ANY PHYSICAL GEOMETRIC CHANGES, CURB EXTENSIONS, OR SIGNAL ALTERATIONS; THE CURRENT EFFORTS ARE NOT INTENDED TO INCORPORATE THE MORE SUBSTANTIAL OR COSTLY MEASURES NEEDED TO PROPERLY ADDRESS THE CURRENT CONDITIONS. IMPROVEMENTS TO PEDESTRIAN OR VEHICULAR ACCOMMODATIONS ARE NOT INCLUDED IN THE CURRENT EFFORTS.
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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT NOBSCOT ROAD
 TYPICAL INTERSECTION - TYPE 2

Sheet No.
18

Drawing file: I:\Newton\326-1705 Newton - On Call Engineering Service 2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:27pm

SIGN LEGEND

D11-1 (24"x18")		R1-1S (18"x18")		R5-1 (30"x30")		R9-3bPL (MOD) (24"x12")	
M6-3 (12"x9")		R3-7b (18"x12")		R6-1R (36"x12")		R9-5 (MOD) (12"x18")	
M6-4 (12"x6")							



NOTES:

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COMMONWEALTH AVENUE CARRIAGEWAY
 CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
 NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
 CARRIAGEWAY AT HAMMOND STREET

Sheet No.
19

SIGN LEGEND

D11-1 (24"x18")		R1-1 (30"x30") R1-1S (18"x18")		R6-1L (36"x12")		R9-5 (MOD) (12"x18")		W11-15 (30"x30")		W16-7P (24"x12")	
M6-3 (12"x9")		R5-1 (30"x30")		R9-3bPR (MOD) (24"x12")		W11-1 (30"x30")		W16-1P (18"x24")		M4-6 (12"x6")	
M6-4 (12"x6")											



NOTES:

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COMMONWEALTH AVENUE CARRIAGEWAY
CONCEPT DEVELOPMENT OF BICYCLE IMPROVEMENTS
NEWTON, MASSACHUSETTS

SIGN AND PAVEMENT MARKING CONCEPT PLANS
CARRIAGEWAY AT MOUNT ALVERNIA ROAD

Sheet No.
20

Drawing file: I:\Newton\326-1705-Newton - On Call Engineering Service\2018\Task Orders (Projects)\7. Commonwealth Ave Carriageway Pavement Marking\ACAD\Drawn/Commonwealth Ave Carriageway Pavement Marking (2021-09-21).dwg Plot Date: Sep 21, 2021 1:27pm