

Filename: J:\Watertown\18-000 Watertown 2018\18-008.01 Watertown Barr Foundation Grant Assistance Drawings\Mt.Auburn Street Bus Priority Pilot Plan (4-11s).dwg

CLIENT:

**TOWN OF
WATERTOWN**

**DEPARTMENT OF
PUBLIC WORKS**

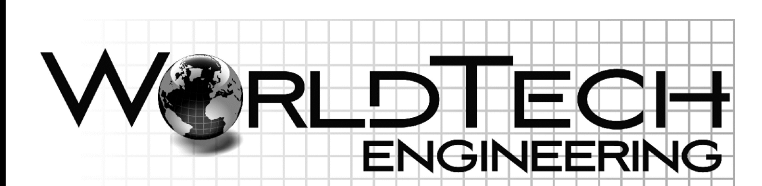
124 ORCHARD STREET
WATERTOWN, MA 02472
PHONE: 617-924-1379

PROJECT:

**MT. AUBURN STREET
BUS PRIORITY PILOT**

WATERTOWN, MA

PREPARED BY:



300 TRADECENTER, SUITE 5580
WOBURN, MA 01801
T: 781-933-4800
F: 781-933-4801

PROFESSIONAL CIVIL ENGINEER FOR
WORLDTECH ENGINEERING, LLC

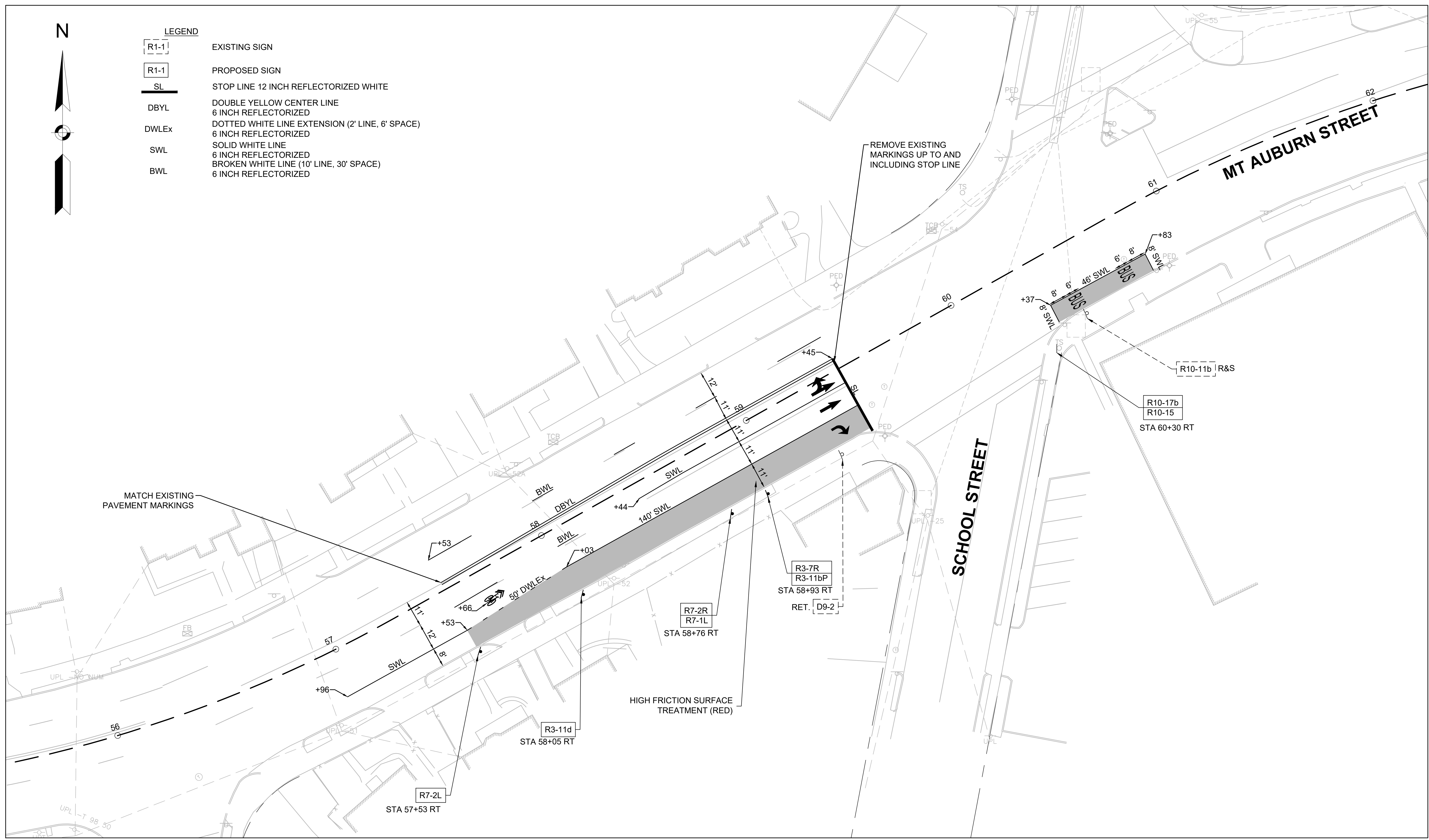
NO.	DATE	REVISION

SCALE:	AS NOTED
DATE:	JUN. 2018
PROJECT NO.	18-008.01
DESIGNED BY:	AP
CHECKED BY:	MP

DRAWING TITLE:

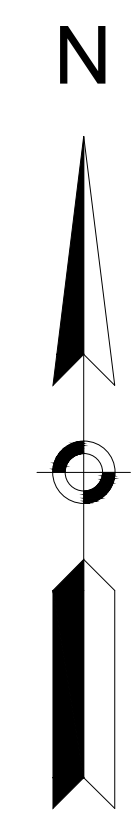
**SIGN AND PAVEMENT
MARKING PLANS
SHEET 1 OF 2**

SHEET NO. **2** OF **5**

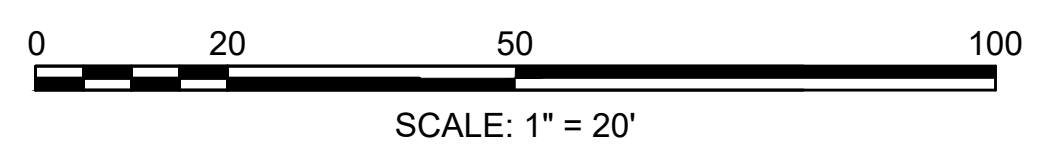
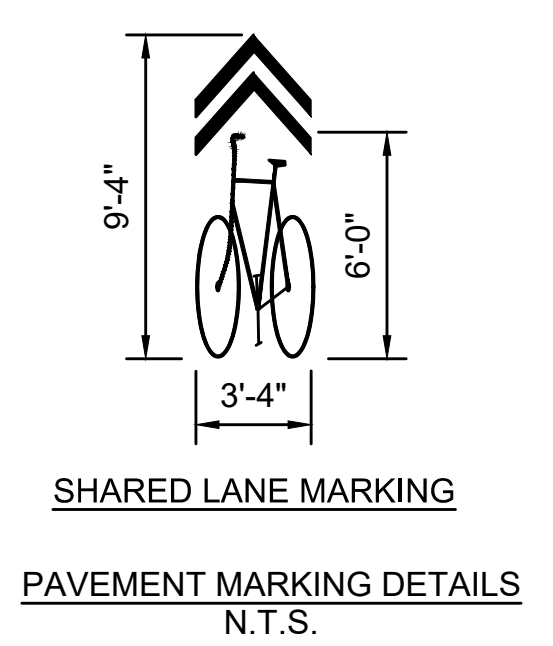


LEGEND

	EXISTING SIGN
	PROPOSED SIGN
	STOP LINE 12 INCH REFLECTORIZED WHITE
	DOUBLE YELLOW CENTER LINE 6 INCH REFLECTORIZED
	DOTTED WHITE LINE EXTENSION (2' LINE, 6' SPACE) 6 INCH REFLECTORIZED
	SOLID WHITE LINE 6 INCH REFLECTORIZED
	BROKEN WHITE LINE (10' LINE, 30' SPACE) 6 INCH REFLECTORIZED



- GENERAL NOTES**
- ALL SIGNS SHALL HAVE A 2' MINIMUM CLEARANCE BETWEEN EDGE OF SIGN AND FACE OF CURB.
 - ALL SIGNS SHALL HAVE A 7' MINIMUM VERTICAL CLEARANCE BETWEEN BOTTOM OF SIGN AND THE TOP OF SIDEWALK.
 - ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE RETAINED UNLESS OTHERWISE NOTED.
 - ANY EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED.



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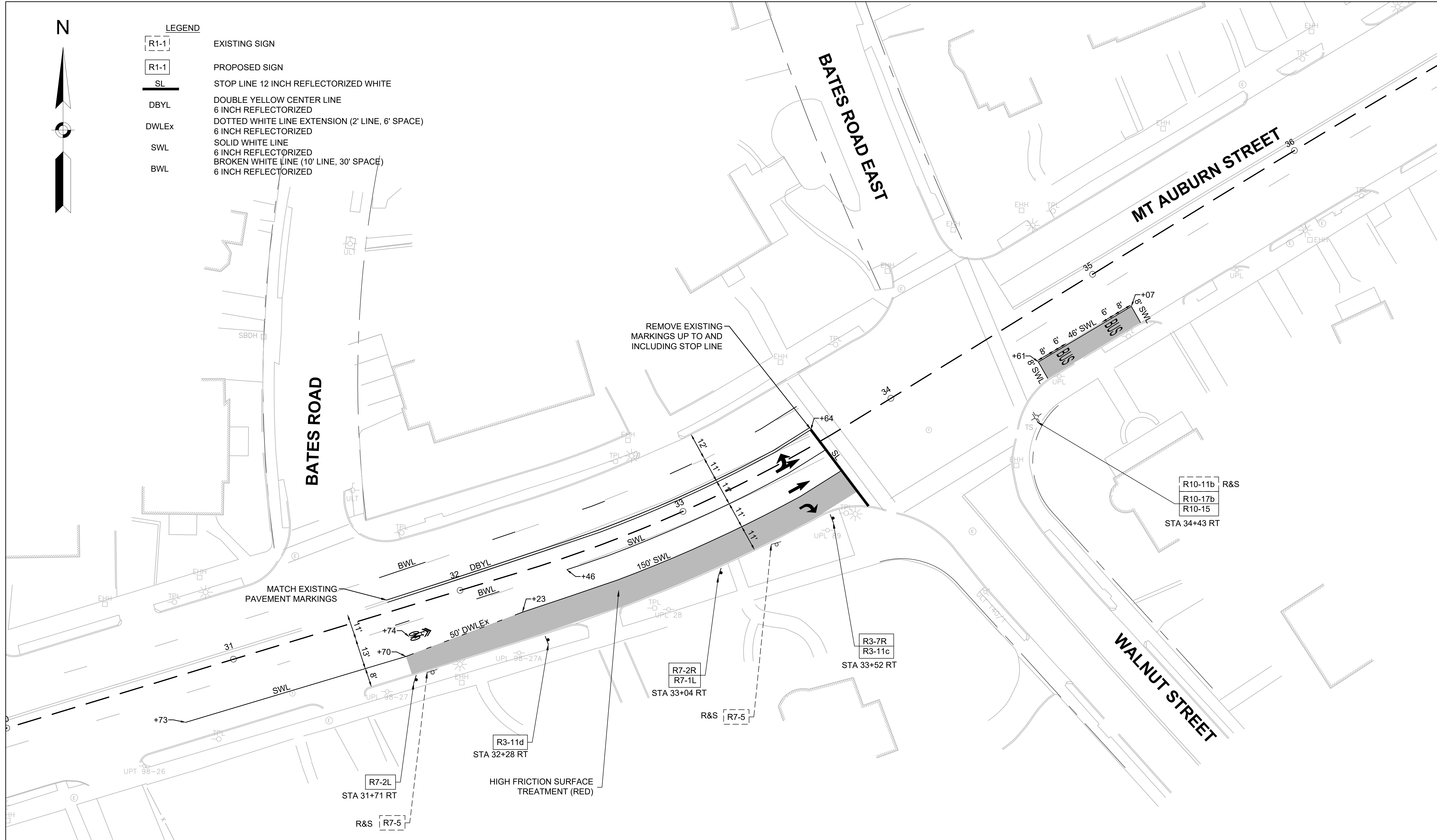
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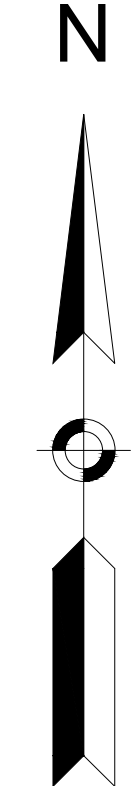
DRAWING TITLE:

SIGN AND PAVEMENT
MARKING PLANS
SHEET 2 OF 2

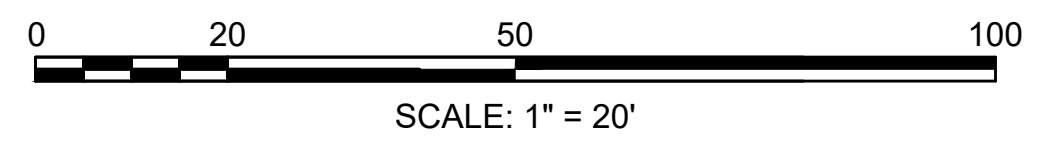
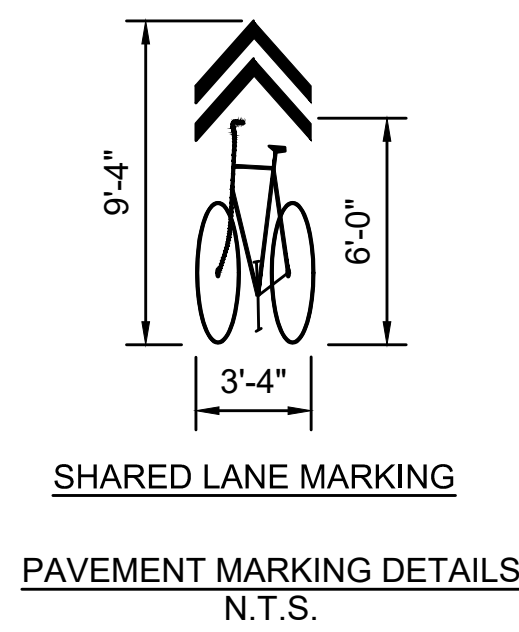
SHEET NO. 3 OF 5



- LEGEND**
- EXISTING SIGN
 - PROPOSED SIGN
 - STOP LINE 12 INCH REFLECTORIZED WHITE
 - DOUBLE YELLOW CENTER LINE 6 INCH REFLECTORIZED
 - DOTTED WHITE LINE EXTENSION (2' LINE, 6' SPACE) 6 INCH REFLECTORIZED
 - SOLID WHITE LINE 6 INCH REFLECTORIZED
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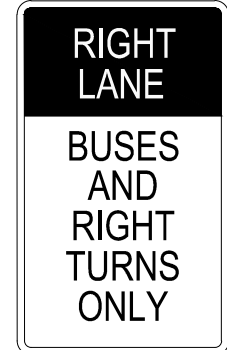







- GENERAL NOTES**
- ALL SIGNS SHALL HAVE A 2' MINIMUM CLEARANCE BETWEEN EDGE OF SIGN AND FACE OF CURB.
 - ALL SIGNS SHALL HAVE A 7' MINIMUM VERTICAL CLEARANCE BETWEEN BOTTOM OF SIGN AND THE TOP OF SIDEWALK.
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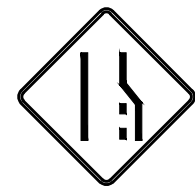
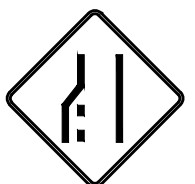





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TRAFFIC SIGN SUMMARY

SIGN ID NUMBER	SIZE		MESSAGE	DIMENSIONS (IN)			NUMBER REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	TOTAL AREA (S.F.)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
R3-7R	30	30		2009 MUTCD STD.	2009 MUTCD STD.	2009 MUTCD STD.	2	WHITE	BLACK	BLACK	P5 2 REQ'D	6.25	12.50
R3-11bP	30	12		4C	4 4		2	WHITE	BLACK	BLACK	MOUNT WITH R3-7RM (2)	2.50	5.00
R3-11d	30	42		3D 3D 3D 3D 3D 3D	2.625 2 2.125 2.125 2.25 2.25 2.25 3.125		2	BLACK WHITE	WHITE BLACK	BLACK	P5 2 REQ'D	8.75	17.50
R7-1L	12	18		2009 MUTCD STD.	2009 MUTCD STD.	2009 MUTCD STD.	2	WHITE	RED	RED	P5 2 REQ'D	1.50	3.00
R7-2L	12	18					2	WHITE	RED	RED	P5 2 REQ'D	1.50	3.00
R7-2R	12	18					2	WHITE	RED	RED	MOUNT WITH R7-1L (2)	1.50	3.00
R10-15	30	30					2	FLUOR. YELLOW GREEN WHITE	BLACK RED	BLACK	MOUNT ON MAST ARM (2)	6.25	12.50
R10-17b	30	36		4D 4D 4D 4D 4D	3.5 2.25 2.25 2.25 2.25 3.5		2	WHITE	BLACK	BLACK	MOUNT WITH R10-15 (2)	7.50	15.00
TOTAL AREA OF SIGNS (SQUARE FEET)												71.50	

TEMPORARY TRAFFIC SIGN SUMMARY

SIGN ID NUMBER	SIZE		MESSAGE	DIMENSIONS (IN)			NUMBER REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA (S.F.)	TOTAL AREA (S.F.)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW/ SYMBOL/ RTE. MKR.		BACK-GROUND	LEGEND	BORDER			
W4-2L	30	30		N/A	N/A	20	2	ORANGE	BLACK	BLACK	P5 (2)	6.25	12.50
W4-2R	30	30		N/A	N/A	20	2	ORANGE	BLACK	BLACK	P5 (2)	6.25	12.50
W13-1	18	18		8 E 3 E	2.5 2 2.5	N/A	2	ORANGE	BLACK	BLACK	MOUNT W/ WR-2 SIGNS (2)	2.25	2.25
W20-5L	30	30		5 C 5 C 5 C	2.75 2.75	N/A	2	ORANGE	BLACK	BLACK	P5 (2)	3.00	6.00
W20-5R	30	30		5 C 5 C 5 C	2.75 2.75	N/A	2	ORANGE	BLACK	BLACK	P5 (2)	3.00	6.00

SIGN SUMMARY NOTES:

- HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING SHALL BE USED FOR ALL SIGNS. THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2009 EDITION, THE 1996 MASSDOT CONSTRUCTION AND TRAFFIC STANDARD DETAILS, AND ALL AMENDMENTS WILL GOVERN.

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DRAWING TITLE:

**TRAFFIC SIGN
SUMMARY
SHEET 1 OF 1**

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