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6	QUANTITY SHEET
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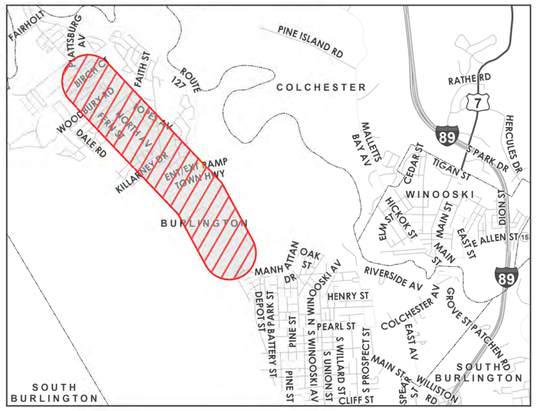
9-36	PROJECT LAYOUT SHEETS
37-40	TRAFFIC SIGN SUMMARY SHEETS

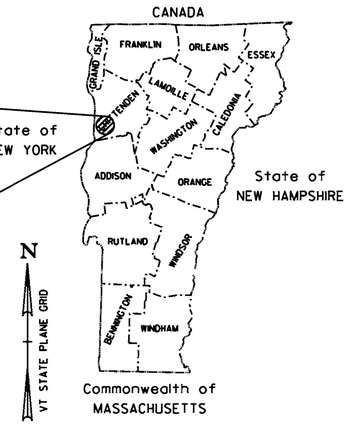
VAOT STANDARDS

C-2A	10-14-2005
C-2B	10-14-2005
C-3A	03-10-2008
C-3B	03-10-2008
C-10	02-11-2008
E-145A	12-23-1994
E-190	06-30-2003
E-191	02-01-1999
E-192	10-12-2000
E-193	08-18-1995
E-194	03-15-2005
T-1	08-06-2012
T-2	02-12-2016
T-10	08-06-2012
T-17	08-06-2012
T-24	08-06-2012
T-28	08-06-2012
T-29	08-06-2012
T-30	08-06-2012
T-45	01-02-2013
T-56	10-26-2015

CITY OF BURLINGTON



LOCATION MAP
PROJECT LOCATION
BURLINGTON (NORTH AVENUE)
195311184



PROPOSED IMPROVEMENT
CLASS 2 TOWN HIGHWAY
COUNTY OF CHITTENDEN
NORTH AVENUE PILOT PROJECT

BEGINNING IN THE CITY OF BURLINGTON ON NORTH AVENUE AT THE INTERSECTION WITH PLATTSBURGH AVENUE STA. 0+00.00 (MM 0.000) AND EXTENDING SOUTHBOUND FOR A DISTANCE OF 13,167 FEET (2.493 MILES)

PROJECT DATA:	LENGTH (FEET)	LENGTH (MILES)
CITY OF BURLINGTON		
NORTH AVENUE		
STA. 0+00.00 TO STA. 131+67	13,167	
MM 0.000 TO 2.493		2.493
TOTAL LENGTH OF PROJECT:	13,167	
TOTAL LENGTH OF ROADWAY:		2.493

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES NEW PAVEMENT MARKINGS, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

NOTE: THESE PLANS ARE CONCEPTUAL IN NATURE AND INTENDED AS GUIDANCE FOR THE CITY OF BURLINGTON TO COMPLETE THIS PROJECT. PLANS AND QUANTITIES MAY BE ADJUSTED BASED ON INPUT FROM THE CITY OF BURLINGTON.

0 500 1000
SCALE IN FEET

CONCEPTUAL PLANS
4/25/2016

QUALITY ASSURANCE PROGRAM : LEVEL 3	
SURVEYED BY : VERMONT SURVEY & ENGINEERING	
SURVEYED DATE : 2012 & 2015	
DATUM	
VERTICAL NAVD 88 FT	
HORIZONTAL NAD 83 (2011) sFT LSQ	

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

DIRECTOR OF MAINTENANCE AND OPERATIONS
APPROVED _____ DATE _____

PROJECT MANAGER : GREG GOYETTE, P.E.

PROJECT NAME : NORTH AVENUE PILOT PROJECT
PROJECT NUMBER : 195311184

SHEET 1 OF 40 SHEETS

Stantec
Stantec Consulting Services Inc.
55 Green Mountain Drive
South Burlington VT U.S.A. 05403
Phone: (802) 864-0223
Fax: (802) 864-0165
www.stantec.com

195311184title.dgn

TYPICAL SECTION 1

NORTH AVENUE TYPICAL SECTION 1

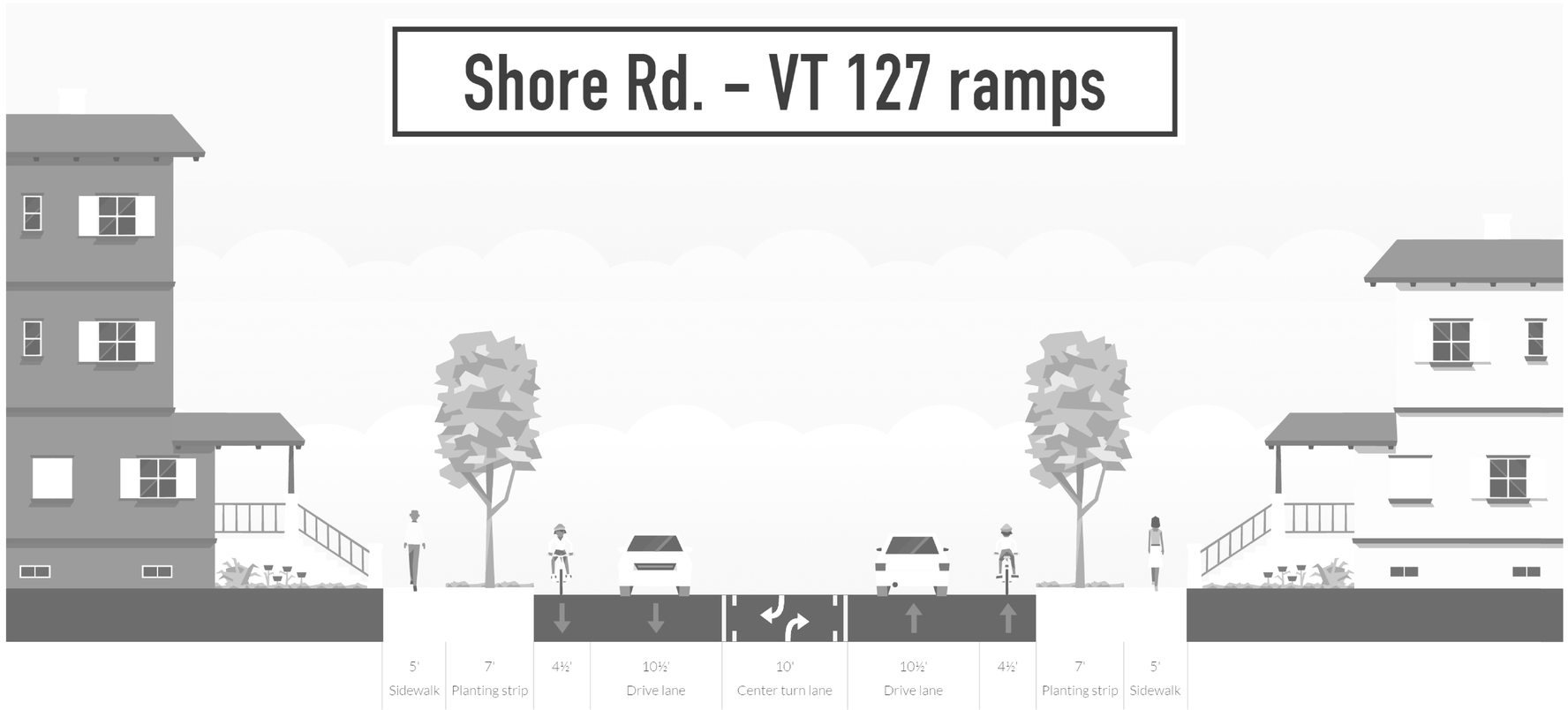
STA. 0+00 TO 31+07, LT & RT

Stantec

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195311184

FILE NAME: 195311184typ.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
TYPICAL SHEET 1	SHEET 2 OF 40

TYPICAL SECTION 2



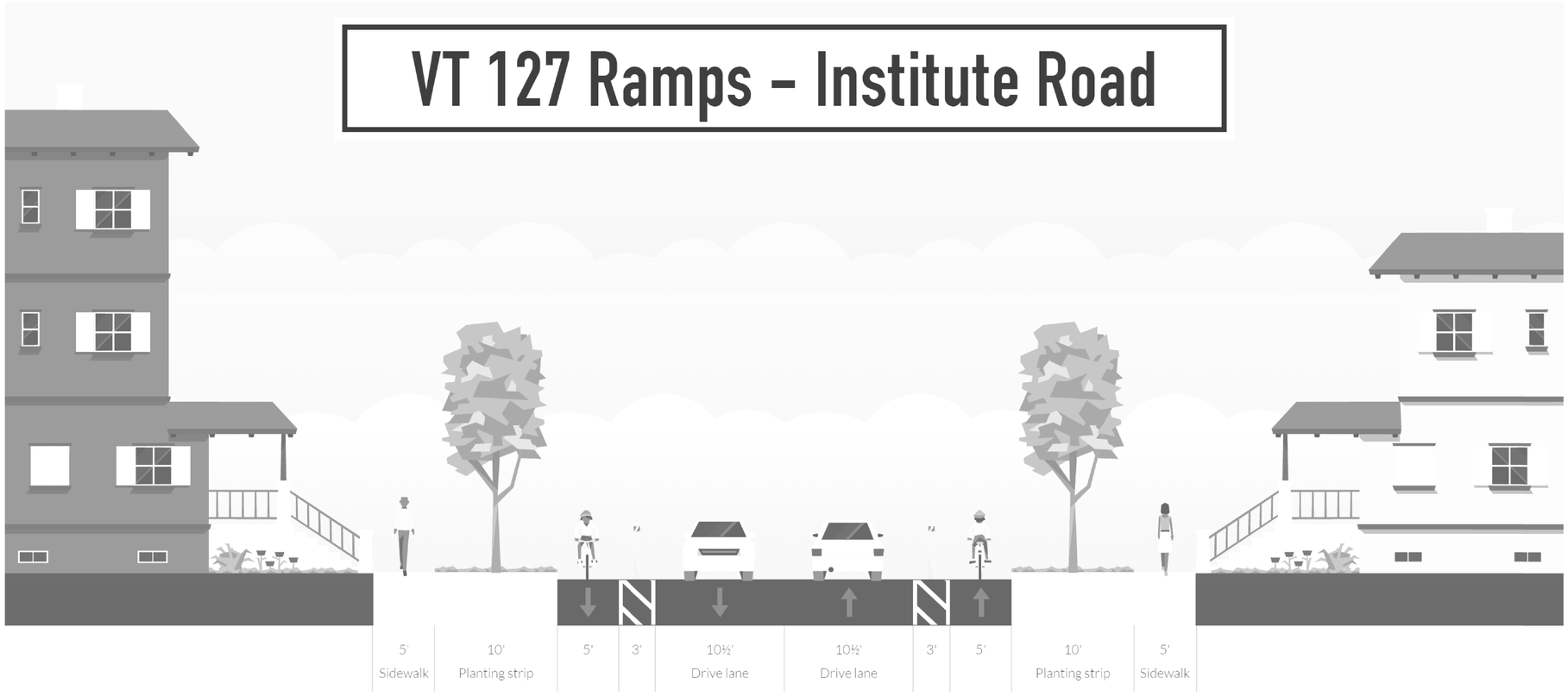
NORTH AVENUE TYPICAL SECTION 2

STA. 31+07 TO 74+52, LT & RT

Stantec

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195311184
FILE NAME: 195311184typ.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
TYPICAL SHEET 2	SHEET 3 OF 40

TYPICAL SECTION 3



NORTH AVENUE TYPICAL SECTION 3

STA. 74+52 TO 96+02, LT & RT

Stantec

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195111184
FILE NAME: 195111184typ.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
TYPICAL SHEET 3	SHEET 4 OF 40

TYPICAL SECTION 4

NORTH AVENUE TYPICAL SECTION 4

STA. 96+02 TO 131+67, LT & RT

Stantec

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195311184
FILE NAME: 195311184typ.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
TYPICAL SHEET 4	SHEET 5 OF 40

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES	TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
90	90		CY	COMMON EXCAVATION	203.15	6			
70	70		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	3			
4	4		CWT	EMULSIFIED ASPHALT	404.65	-			
108	108		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	2			
106	106		LF	REMOVAL OF EXISTING CURB	616.41	2			
10	10		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	1			
20	20		SF	DETECTABLE WARNING SURFACE	618.30	-			
100	100		HR	FLAGGERS	630.15	EST			
1	1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
1	1		LS	TRAFFIC CONTROL	641.10	-			
3600	3600		LF	4 INCH WHITE LINE, WATERBORNE PAINT	646.201	-			
16500	16500		LF	4 INCH YELLOW LINE, WATERBORNE PAINT	646.2111	-			
37600	37600		LF	6 INCH WHITE LINE, WATERBORNE PAINT	646.2141	-			
270	270		LF	24 INCH STOP BAR, WATERBORNE PAINT	646.261	-			
180	180		EACH	LETTER OR SYMBOL, WATERBORNE PAINT	646.301	-			
9000	9000		SF	REMOVAL OF EXISTING PAVEMENT MARKINGS	646.85	7			
1	1		LB	SEED	651.15	0.6			
0.01	0.01		TON	HAY MULCH	651.25	-			
3	3		CY	TOPSOIL	651.35	0.5			
190	190		SF	TRAFFIC SIGNS, TYPE A	675.20	2			
500	500		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	5			
12	12		EACH	REMOVING SIGNS	675.50	12			
2	2		EACH	ERECTING SALVAGED SIGNS	675.60	2			
57	57		EACH	SPECIAL PROVISION (BIKE LANE SYMBOL)	900.620	-			
80	80		EACH	SPECIAL PROVISION (CIRCLE FLEX DELINEATOR POST)	900.620	80			
150	150		EACH	SPECIAL PROVISION (RAISED LANE SEPERATORS)	900.620	6			
25	25		TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	900.680	1			

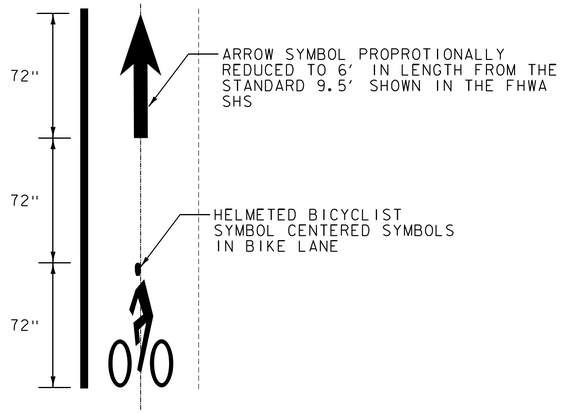
NOTE: THE ESTIMATED QUANTITIES ABOVE ARE BASED ON THE CONCEPTUAL DESIGN AND ARE CONSIDERED APPROXIMATE. ACTAUAL QUANTITIES MAY VARY. THE LIST OF ITEMS SHOWN ABOVE ARE SUBJECT TO CHANGE. ITEMS MAY BE ADDED, REMOVED OR ALTERED BASED ON CITY OF BURLINGTON RECOMMENDATIONS.

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184tysheet.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
QUANTITY SHEET

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 6 OF 40

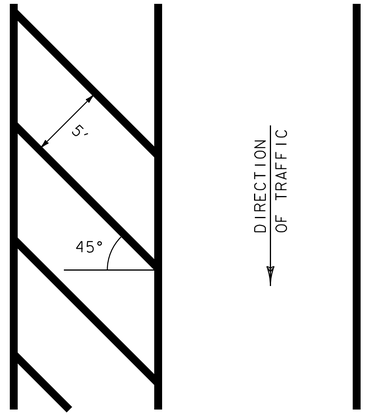


BIKE LANE MARKING

NOT TO SCALE

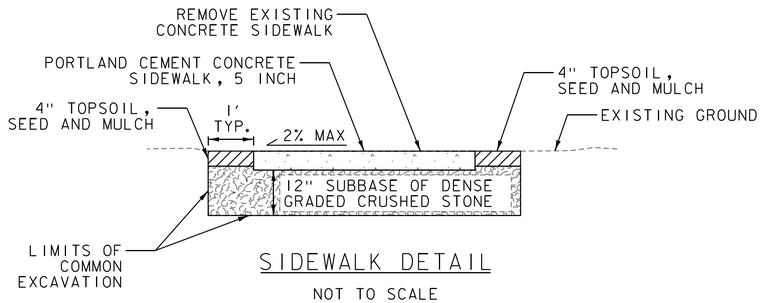
BIKE LANE MARKING NOTES:

1. SEE FHWA SHS FOR HELMETED BICYCLIST SYMBOL AND ARROW STENCIL.
2. A BIKE LANE MARKING CONSITING OF AN ARROW AND BICYCLIST SYMBOL IS PAID FOR AS ITEM 900.680 SPECIAL PROVISION (BIKE LANE SYMBOL).



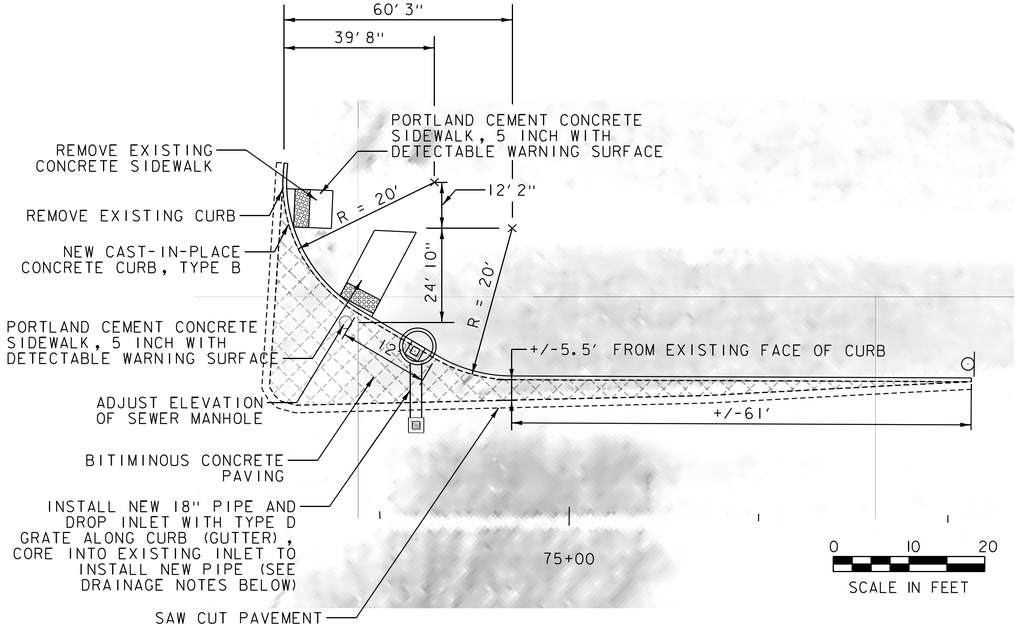
HATCHING DETAIL

NOT TO SCALE



SIDEWALK DETAIL

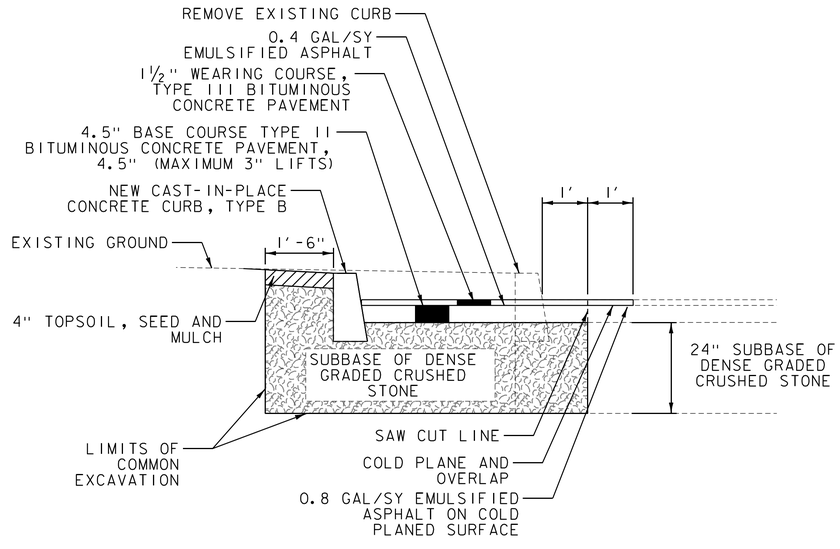
NOT TO SCALE



VT127 CONSTRUCTION DETAIL

DRAINAGE NOTES:

1. DESIGN STANDARDS FOR NEW PIPE AND DROP INLET:
   - INVERT OF NEW PIPE MUST BE GREATER THAN OUTLET OF EXISTING STRUCTURE
   - TOP OF NEW PIPE SHALL BE BELOW SUBBASE MATERIAL
   - MINIMUM 0.5% PIPE SLOPE, MAX 10%
2. CONTRACTOR TO ACQUIRE INLET DETAIL FROM THE CITY AND VERIFY THAT THE PIPE MATERIAL USED IS APPROVED BY THE CITY



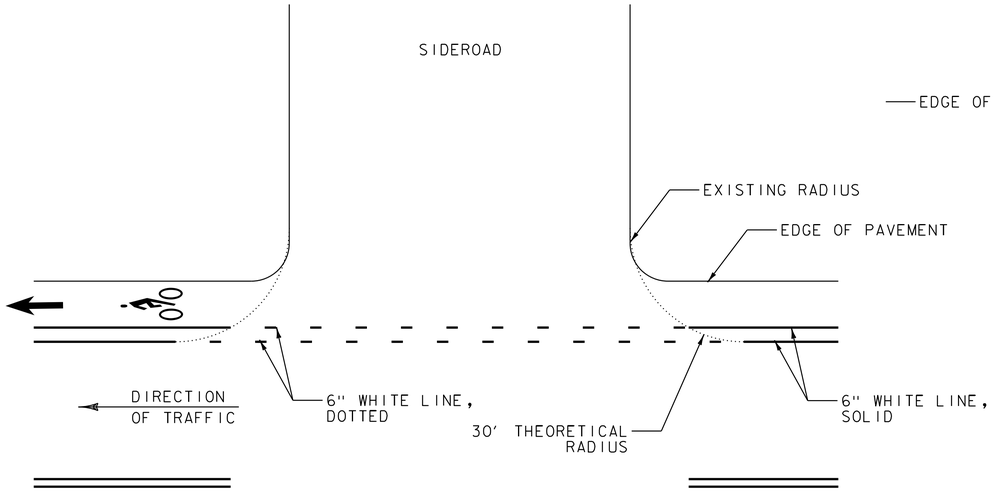
ROADWAY TYPICAL

NOT TO SCALE

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195311184

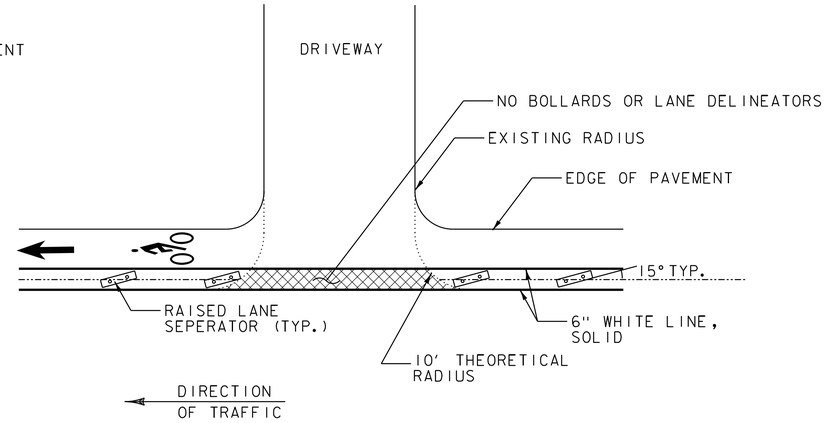
FILE NAME: 195311184details.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
DETAIL SHEET 1	SHEET 7 OF 40

Stantec



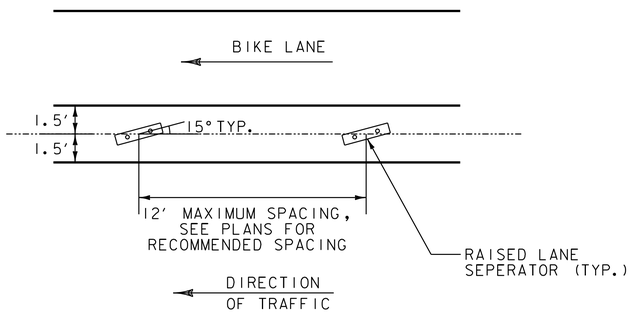
SIDEROAD DETAIL

NOT TO SCALE



DRIVEWAY DETAIL

NOT TO SCALE



RAISED LANE SEPERATOR DETAIL

NOT TO SCALE

NOTES:

1. RAISED LANE SEPERATOR SHALL BE 3" ZICLA "ZEBRA 9" LANE SEPERATOR OR APPROVED EQUAL INSTALLED PER MANUFACTURES RECOMMENDATIONS UNLESS OTHERWISED NOTED IN THE PLANS OR DIRECTED BY THE CITY.

2. RAISED LANE SEPERATORS SHALL BE FASTENED TO THE PAVEMENT SO THEY CAN EASILY BE REMOVED DURING THE WINTER MONTHS TO ACCOMADATE SNOW PLOWING AND EASILY REPLACED DURING THE SPRING AND SUMMER MONTHS. CAPS TO PREVENT CORROSION OF THE THREADING IN THE ANCHOR WILL BE REQUIRED. PERMANENT EPOXY COATED ANCHORS WITH REMOVABLE BOLTS ARE RECOMMENDED SUCH AS TIMCOLOC TM OR APPROVED EQUAL.

Stantec

PROJECT NAME:	NORTH AVENUE PILOT PROJECT
PROJECT NUMBER:	195111184
FILE NAME: 195111184details.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
DETAIL SHEET 2	SHEET 8 OF 40

4 INCH WHITE LINE
STA. 0+00 TO 0+30, SOLID LT (LANE LINE)
STA. 0+00 TO 0+30, SOLID LT (EDGE LINE)
STA. 0+30 TO 0+90, DOTTED LT (X 2)

6 INCH WHITE LINE
STA. 0+26 TO 3+86, SOLID RT (EDGE LINE X 2)
STA. 0+90 TO 1+67, SOLID LT (EDGE LINE X 2)
STA. 1+67 TO 2+43, DOTTED LT (X 2)

LETTER OR SYMBOL
STA. 0+12, LT ARROW
STA. 0+31, LT "ONLY"
STA. 0+64, RT BIKE LANE SYMBOL
STA. 0+98, LT ARROW
STA. 1+16, LT SHARROW
STA. 1+32, LT "ONLY"
STA. 1+53, LT SHARROW
STA. 1+67, LT ARROW
STA. 1+81, LT CHEVRON

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 0+00 TO 0+32, LT (LANE LINE)
STA. 0+04 TO 0+12, LT (RT ARROW)
STA. 0+22 TO 0+32, LT "ONLY"
STA. 0+32 TO 0+75, LT (LANE LINE)
STA. 0+90 TO 0+98, LT (RT ARROW)
STA. 1+24 TO 1+32, LT "ONLY"
STA. 1+59 TO 1+67, LT (RT ARROW)

NOTES:

1. PLANS WERE PREPARED BASED ON A HISTORICAL ORTHO PHOTO PROVIDED BY VCGI AND MAY BE OUT OF DATE.
2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 1
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 9 OF 40

6 INCH WHITE LINE
STA. 2+43 TO 3+91, SOLID LT (EDGE LINE X 2)
STA. 3+67 TO 4+57, RT SEE SIDEROAD DETAIL
STA. 3+91 TO 4+77, LT SEE SIDEROAD DETAIL
STA. 4+57 TO 8+97, SOLID RT (EDGE LINE X 2)
STA. 4+77 TO 6+28, SOLID LT (EDGE LINE X 2)
STA. 6+28 TO 7+14, LT SEE SIDEROAD DETAIL
STA. 7+14 TO 9+22, SOLID LT (EDGE LINE X 2)

LETTER OR SYMBOL
STA. 2+01, LT CHEVRON
STA. 2+21, LT CHEVRON
STA. 2+41, LT CHEVRON
STA. 3+62, LT BIKE LANE SYMBOL
STA. 4+84, RT BIKE LANE SYMBOL
STA. 5+98, LT BIKE LANE SYMBOL

NOTES:

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2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

SCALE IN FEET 0 20 40

Stantec

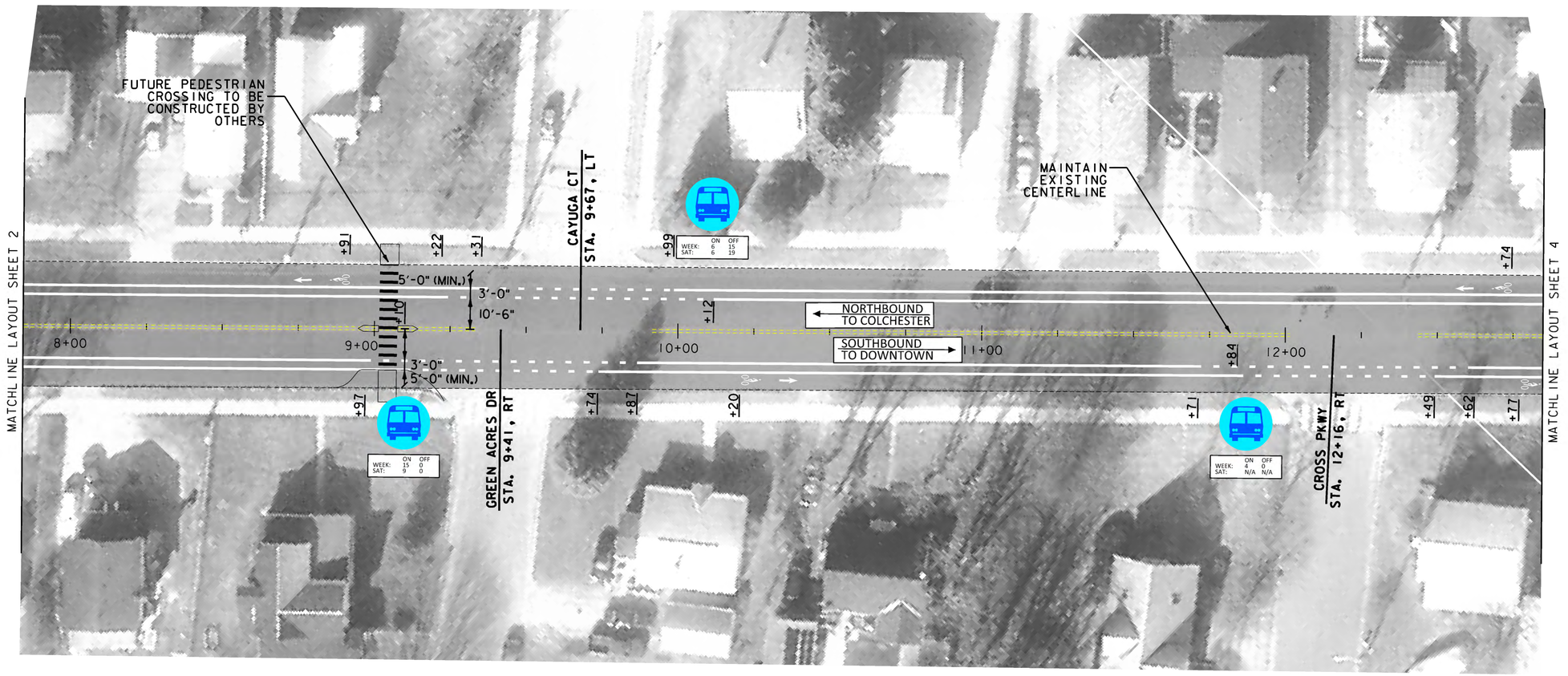
PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 2

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 10 OF 40

6 INCH WHITE LINE
STA. 8+97 TO 9+87, RT SEE SIDEROAD DETAIL
STA. 9+22 TO 10+12, LT SEE SIDEROAD DETAIL
STA. 9+87 TO 11+71, SOLID RT (EDGE LINE X 2)
STA. 10+12 TO 13+07, SOLID LT (EDGE LINE X 2)
STA. 11+71 TO 12+62, RT SEE SIDEROAD DETAIL
STA. 12+52 TO 15+90, SOLID RT (EDGE LINE X 2)

LETTER OR SYMBOL
STA. 8+91, LT BIKE LANE SYMBOL
STA. 10+20, RT BIKE LANE SYMBOL
STA. 12+74, LT BIKE LANE SYMBOL
STA. 12+77, RT BIKE LANE SYMBOL



NOTES:

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2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

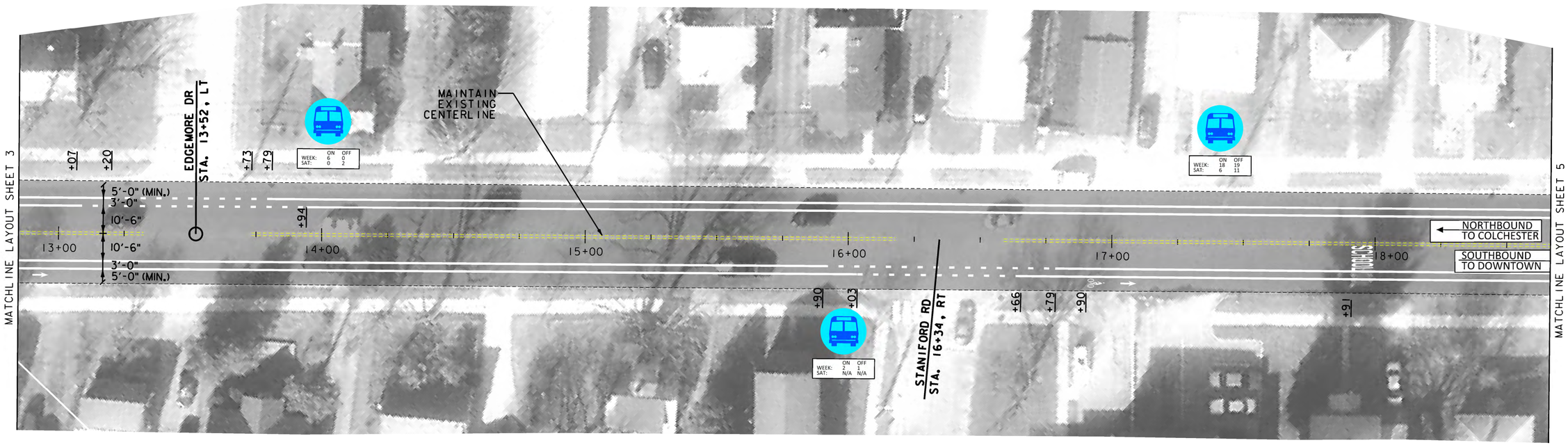
FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 3
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 11 OF 40

6 INCH WHITE LINE
STA. 13+07 TO 13+79, LT SEE SIDEROAD DETAIL
STA. 13+79 TO 19+62, SOLID LT (EDGE LINE X 2)
STA. 15+90 TO 16+79, RT SEE SIDEROAD DETAIL
STA. 16+79 TO 19+59, SOLID RT (EDGE LINE X 2)

LETTER OR SYMBOL
STA. 16+90, LT BIKE LANE SYMBOL
STA. 17+91, RT "SCHOOL"

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 17+91 TO 17+99, RT "SCHOOL"

N
VT STATE PLANE GRID



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3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

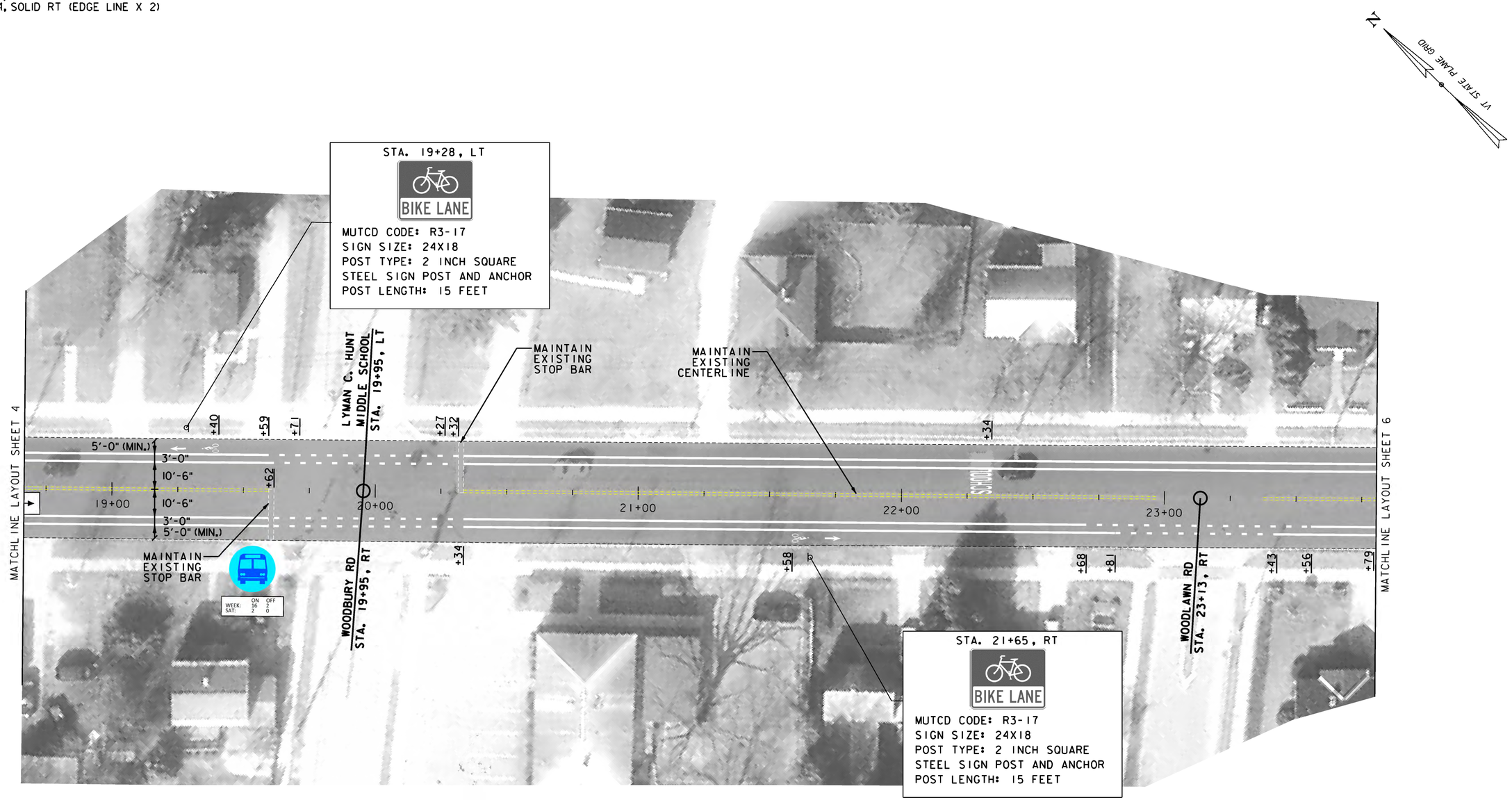
FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 4

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 12 OF 40

6 INCH WHITE LINE
STA. 19+59 TO 20+32, DOTTED LT (EDGE LINE X 2)
STA. 19+62 TO 20+34, DOTTED RT (EDGE LINE X 2)
STA. 20+32 TO 24+77, SOLID LT (EDGE LINE X 2)
STA. 20+34 TO 22+68, SOLID RT (EDGE LINE X 2)
STA. 22+68 TO 23+56, RT SEE SIDEROAD DETAIL
STA. 23+56 TO 25+64, SOLID RT (EDGE LINE X 2)

LETTER OR SYMBOL
STA. 19+40, LT BIKE LANE SYMBOL
STA. 21+58, RT BIKE LANE SYMBOL
STA. 22+34, LT "SCHOOL"

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 22+26 TO 22+35, LT "SCHOOL"



NOTES:

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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 5

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 13 OF 40

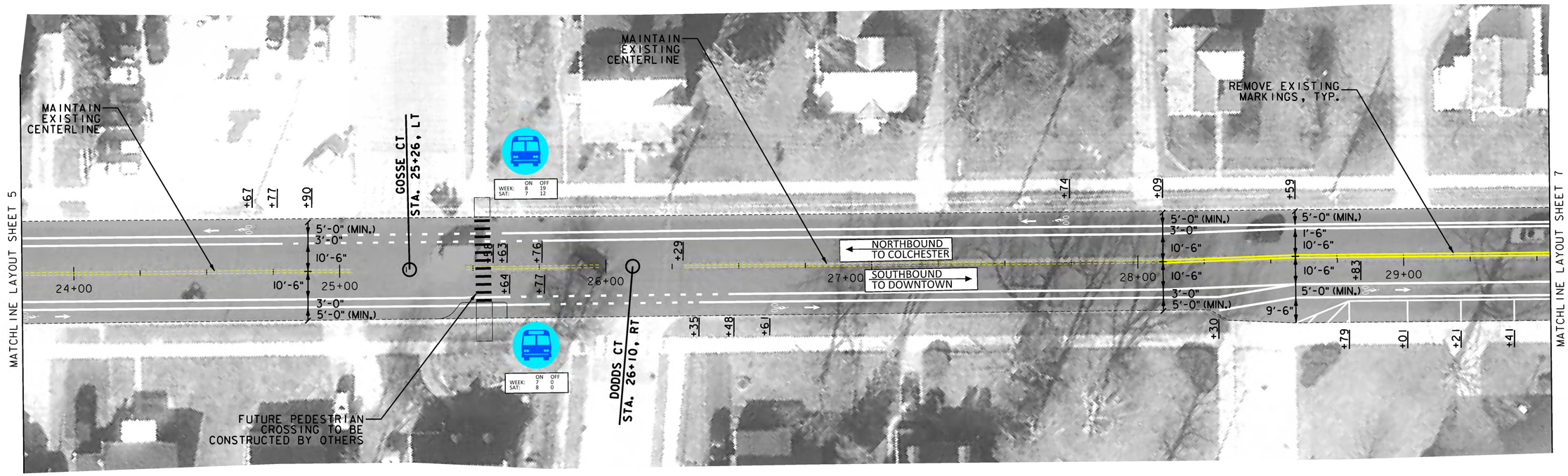
4 INCH WHITE LINE
STA. 28+59 TO 31+05, SOLID RT (PARKING SPACES & DIAGONALS)

6 INCH WHITE LINE
STA. 24+77 TO 25+76, LT SEE SIDEROAD DETAIL
STA. 25+76 TO 31+07, SOLID LT (EDGE LINE X 2)
STA. 25+64 TO 26+48, RT SEE SIDEROAD DETAIL
STA. 26+48 TO 28+30, SOLID RT (EDGE LINE X 2)
STA. 28+30 TO 28+59, SOLID RT (EDGE LINE X 3)
STA. 28+59 TO 30+81, SOLID RT (EDGE LINE X 2)

4 INCH YELLOW LINE
STA. 28+09 TO 31+05, DOUBLE SOLID LT

LETTER OR SYMBOL
STA. 24+67, LT BIKE LANE SYMBOL
STA. 26+61, RT BIKE LANE SYMBOL
STA. 27+74, LT BIKE LANE SYMBOL
STA. 28+83, RT BIKE LANE SYMBOL

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 28+09 TO 31+08, CL (DOUBLE YELLOW)
STA. 28+74 TO 31+03, RT (LANE LINE)



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3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 6

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 14 OF 40

4 INCH WHITE LINE
STA. 32+24 TO 32+87, SOLID LT (LANE LINE)
STA. 32+87 TO 33+71, DOTTED LT

6 INCH WHITE LINE
STA. 31+05 TO 32+22, DOTTED RT (X 2)
STA. 31+07 TO 31+77, DOTTED LT (X 2)
STA. 32+22 TO 44+92, SOLID RT (EDGE LINE)
STA. 31+77 TO 36+08, SOLID LT (EDGE LINE)

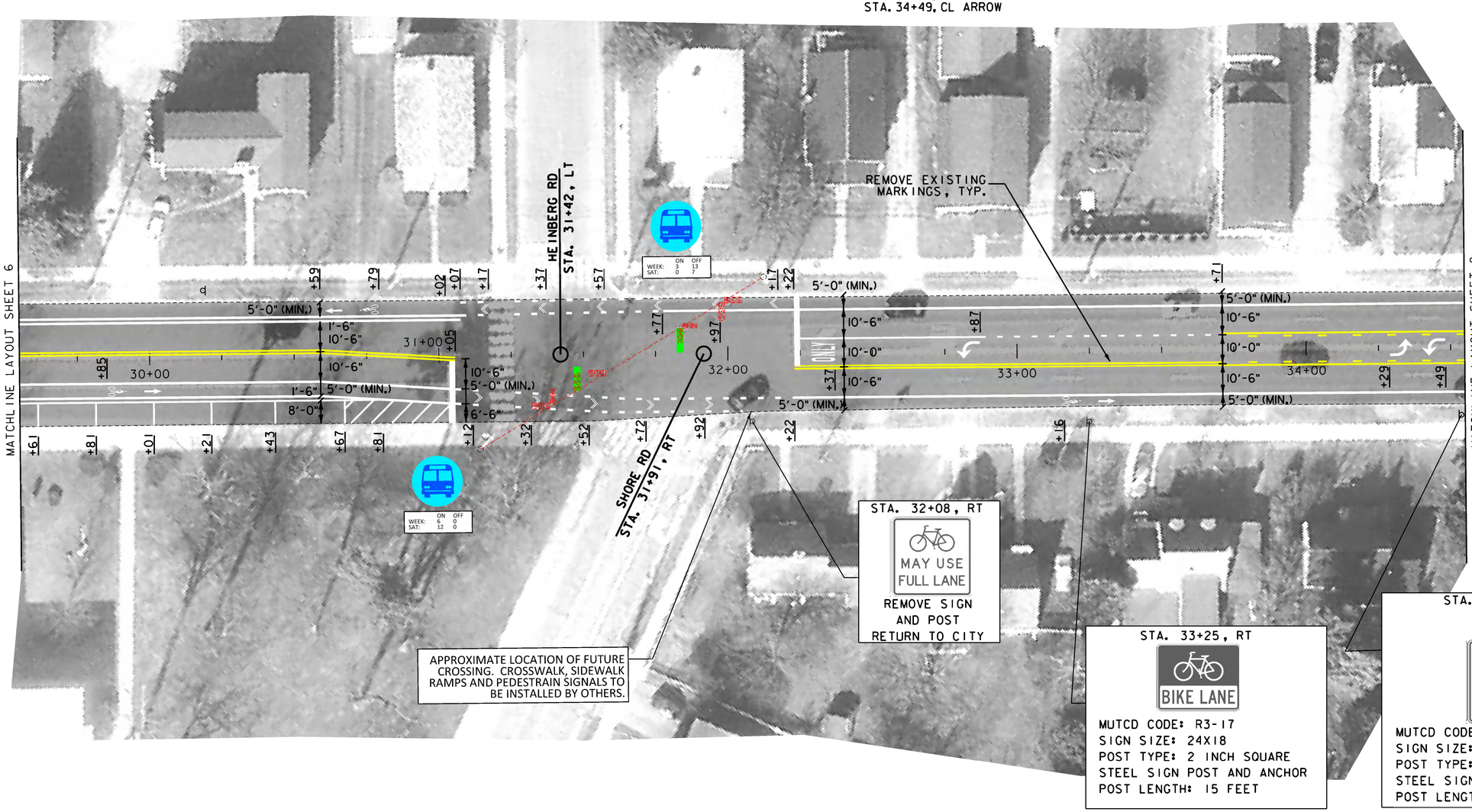
4 INCH YELLOW LINE
STA. 32+24 TO 33+71, DOUBLE SOLID RT
STA. 33+71 TO 36+28, SOLID LT & RT
STA. 33+71 TO 36+28, DASHED LT & RT

24 INCH STOP BAR
STA. 31+05, RT
STA. 32+22, RT TO LT

LETTER OR SYMBOL
STA. 29+85, RT BIKE LANE SYMBOL
STA. 30+79, LT BIKE LANE SYMBOL
STA. 31+12, RT CHEVRON
STA. 31+17, LT CHEVRON
STA. 31+32, RT CHEVRON
STA. 31+37, LT CHEVRON
STA. 31+52, RT CHEVRON
STA. 31+57, LT CHEVRON
STA. 31+72, RT CHEVRON
STA. 31+77, LT CHEVRON
STA. 31+92, RT CHEVRON
STA. 31+97, LT CHEVRON
STA. 32+17, LT CHEVRON
STA. 32+37, CL "ONLY"
STA. 32+87, CL ARROW
STA. 33+16, RT BIKE LANE SYMBOL
STA. 34+29, CL ARROW
STA. 34+49, CL ARROW

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 31+02 TO 31+04, RT (STOP BAR)
STA. 32+23 TO 32+25, LT (STOP BAR)
STA. 32+25 TO 36+28, CL (DOUBLE YELLOW)
STA. 32+25 TO 33+21, LT (LANE LINE)
STA. 32+29 TO 32+37, LT (LT ARROW)
STA. 32+32 TO 44+92, RT (DASHED 10-30)
STA. 32+70 TO 32+79, LT "ONLY"
STA. 33+12 TO 33+20, LT (LT ARROW)
STA. 33+21 TO 44+92, LT (DASHED 10-30)

REMOVING SIGNS
AS SHOWN - 1



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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 7

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 15 OF 40

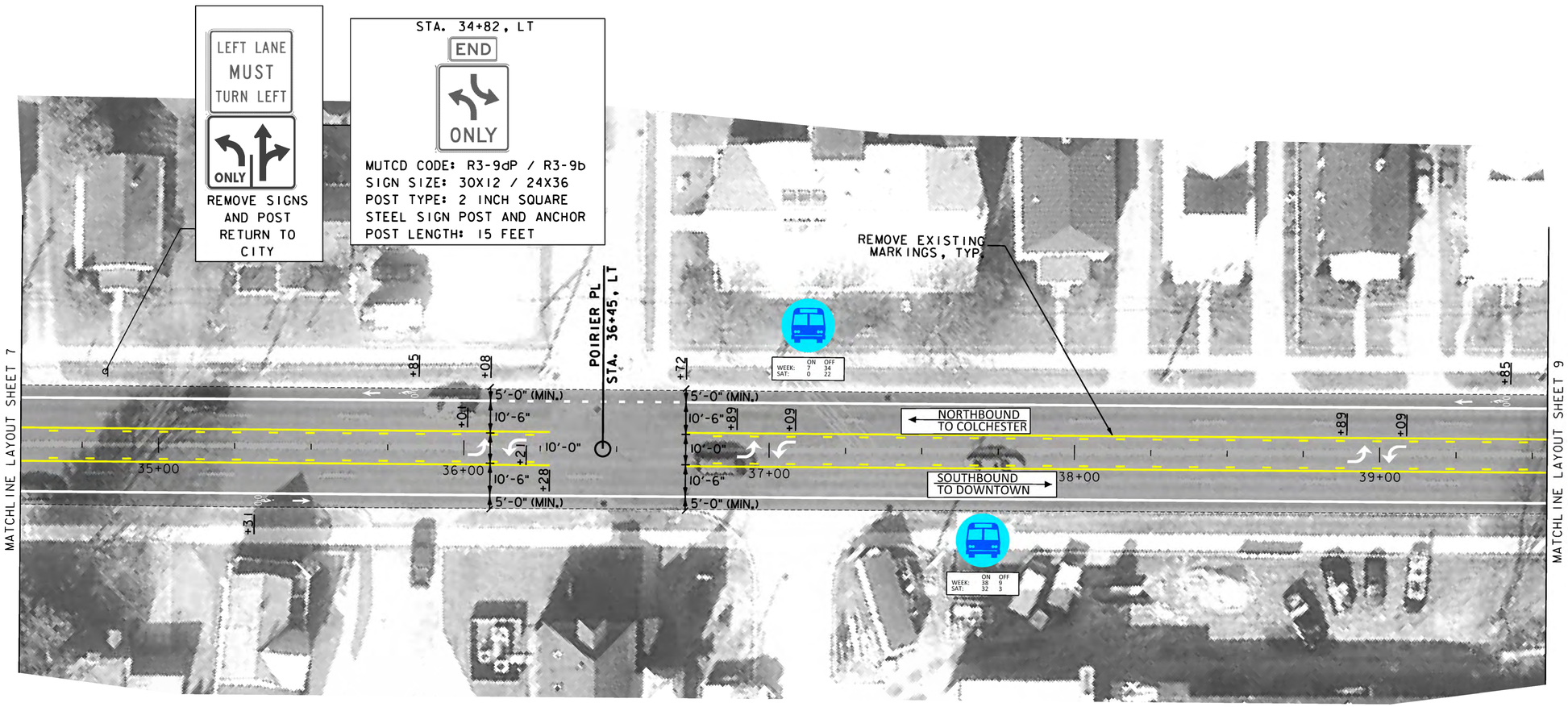
6 INCH WHITE LINE
STA. 36+08 TO 36+72, DOTTED LT
STA. 36+72 TO 45+00, SOLID LT (EDGE LINE)

4 INCH YELLOW LINE
STA. 36+72 TO 42+60, SOLID LT & RT
STA. 36+72 TO 42+60, DASHED LT & RT

LETTER OR SYMBOL
STA. 35+31, RT BIKE LANE SYMBOL
STA. 35+85, LT BIKE LANE SYMBOL
STA. 36+01, CL ARROW
STA. 36+21, CL ARROW
STA. 36+89, CL ARROW
STA. 37+09, CL ARROW
STA. 38+89, CL ARROW
STA. 39+09, CL ARROW
STA. 39+42, LT BIKE LANE SYMBOL

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 36+73 TO 44+92, CL (DOUBLE YELLOW)

REMOVING SIGNS
AS SHOWN - 2



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SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 8

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 16 OF 40

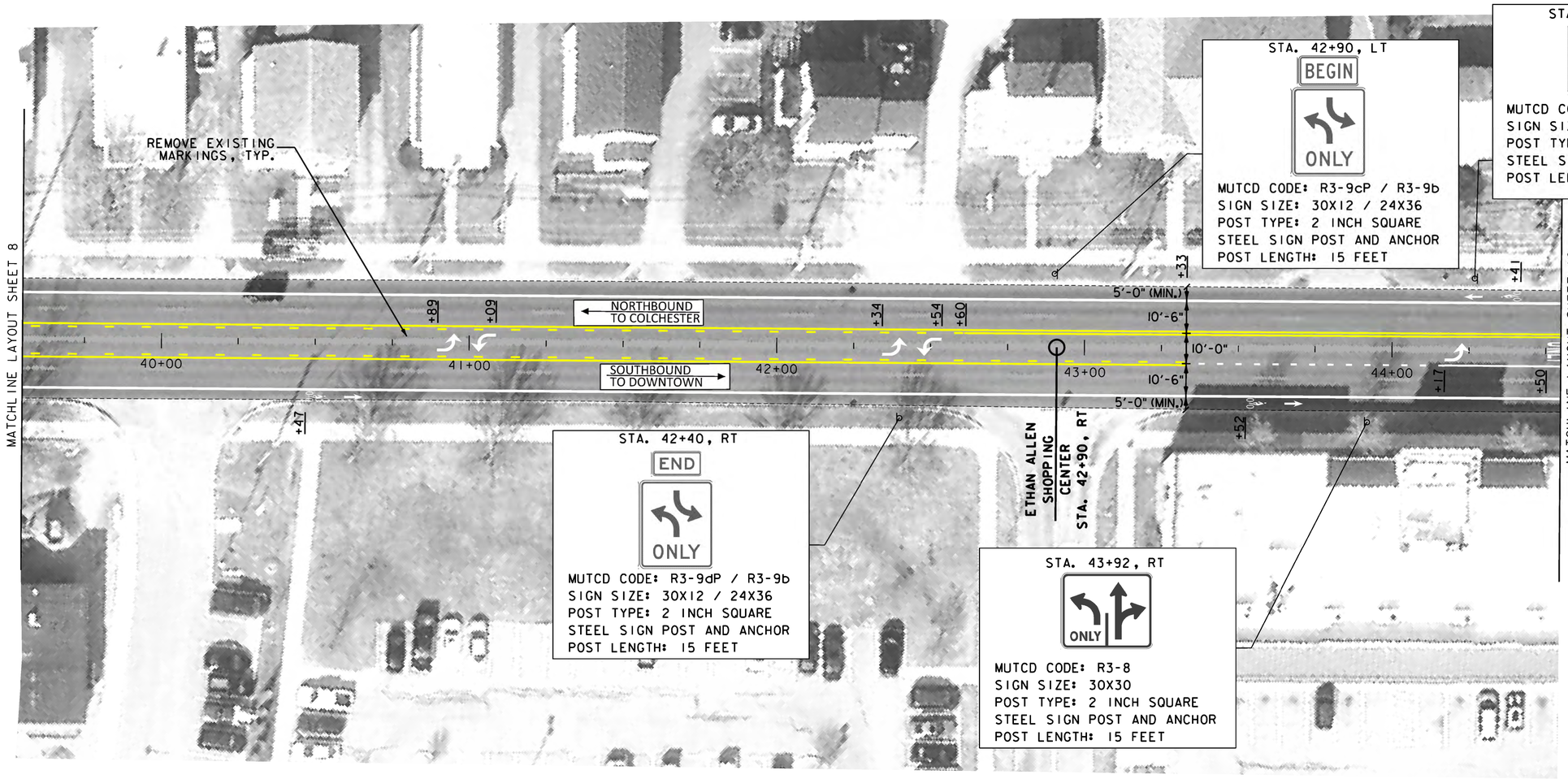
4 INCH WHITE LINE
STA. 43+33 TO 44+17, DOTTED RT
STA. 44+17 TO 44+92, SOLID RT (LANE LINE)

4 INCH YELLOW LINE
STA. 42+60 TO 44+94, DOUBLE SOLID LT
STA. 42+60 TO 43+33, SOLID RT
STA. 42+60 TO 43+33, DASHED RT

LETTER OR SYMBOL
STA. 40+47, RT BIKE LANE SYMBOL
STA. 40+89, CL ARROW
STA. 41+09, CL ARROW
STA. 42+34, CL ARROW
STA. 42+54, CL ARROW
STA. 43+52, RT BIKE LANE SYMBOL
STA. 44+17, CL ARROW
STA. 44+41, LT BIKE LANE SYMBOL
STA. 44+50, CL "ONLY"

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 44+93 TO 44+95, RT (STOP BAR)

VT STATE PLANE GRID N



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SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 9
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 17 OF 40

4 INCH WHITE LINE
STA. 45+74 TO 46+98, SOLID LT (LANE LINE)
STA. 46+98 TO 47+77, DOTTED LT

6 INCH WHITE LINE
STA. 44+94 TO 45+74, DOTTED RT (X 2)
STA. 45+08 TO 45+26, SOLID LT (EDGE LINE)
STA. 45+26 TO 45+72, DOTTED LT (X 2)
STA. 45+74 TO 59+27, SOLID LT (EDGE LINE)
STA. 45+74 TO 47+74, SOLID RT
STA. 47+74 TO 48+31, DOTTED RT
STA. 48+31 TO 49+16, SOLID RT (EDGE LINE)

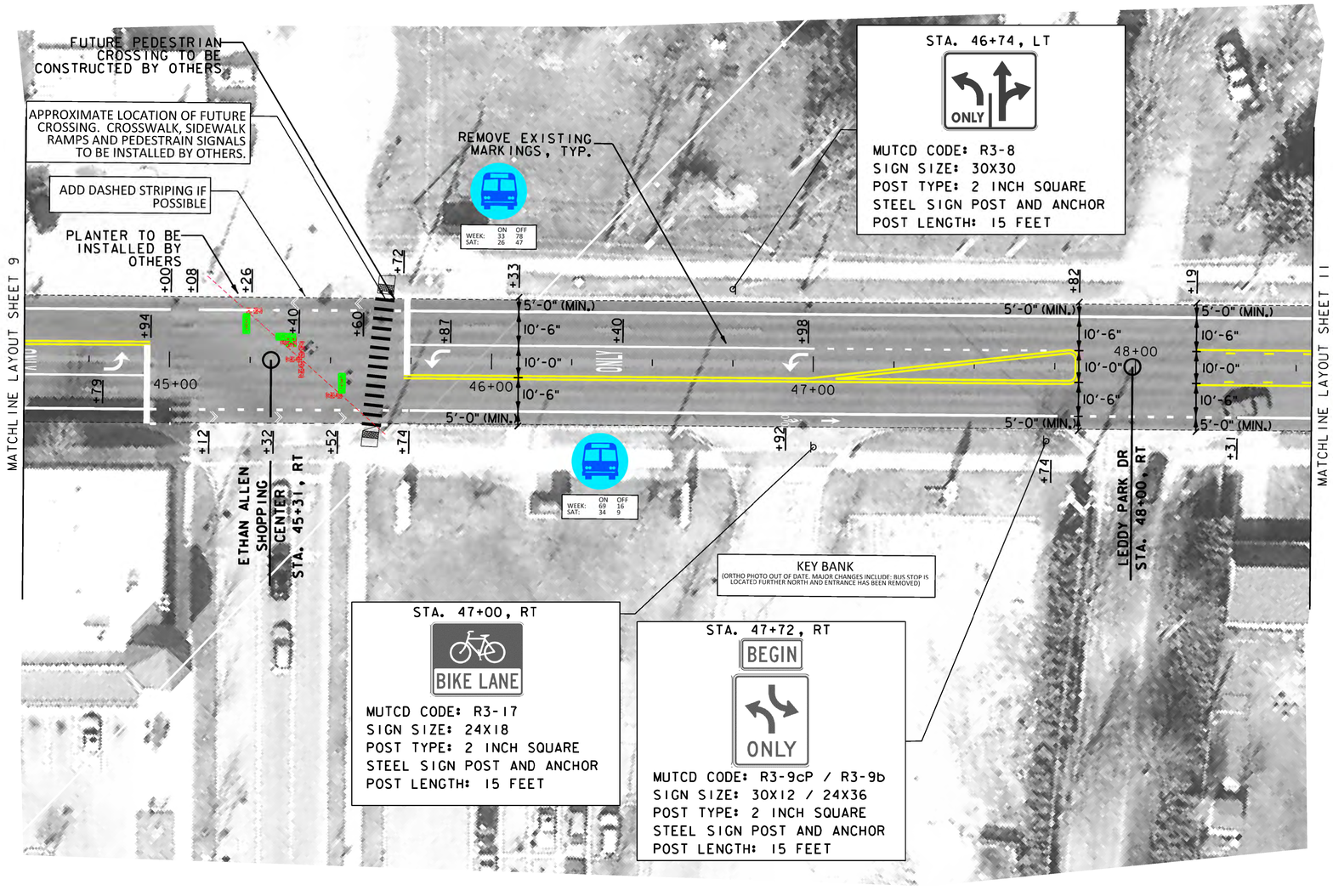
4 INCH YELLOW LINE
STA. 45+72 TO 46+98, DOUBLE SOLID RT
STA. 46+98 TO 47+82, DOUBLE SOLID LT & RT (PAINTED ISLAND)
STA. 48+19 TO 49+21, SOLID LT & RT
STA. 48+19 TO 49+21, DASHED LT & RT

24 INCH STOP BAR
STA. 44+94, LT TO RT
STA. 45+72, RT TO LT

LETTER OR SYMBOL
STA. 44+79, CL ARROW
STA. 45+12, RT CHEVRON
STA. 45+32, RT CHEVRON
STA. 45+40, LT CHEVRON
STA. 45+52, RT CHEVRON
STA. 45+60, LT CHEVRON
STA. 45+87, CL ARROW
STA. 46+40, CL "ONLY"
STA. 46+92, RT BIKE LANE SYMBOL
STA. 46+98, CL ARROW

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 45+72 TO 45+74, LT (STOP BAR)
STA. 45+75 TO 47+82, CL (DOUBLE YELLOW)
STA. 45+75 TO 59+25, LT (DASHED 10-30)
STA. 45+75 TO 59+28, RT (DASHED 10-30)
STA. 48+18 TO 49+21, CL (DOUBLE YELLOW)

VT STATE PLANE GRID



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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 10
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 18 OF 40

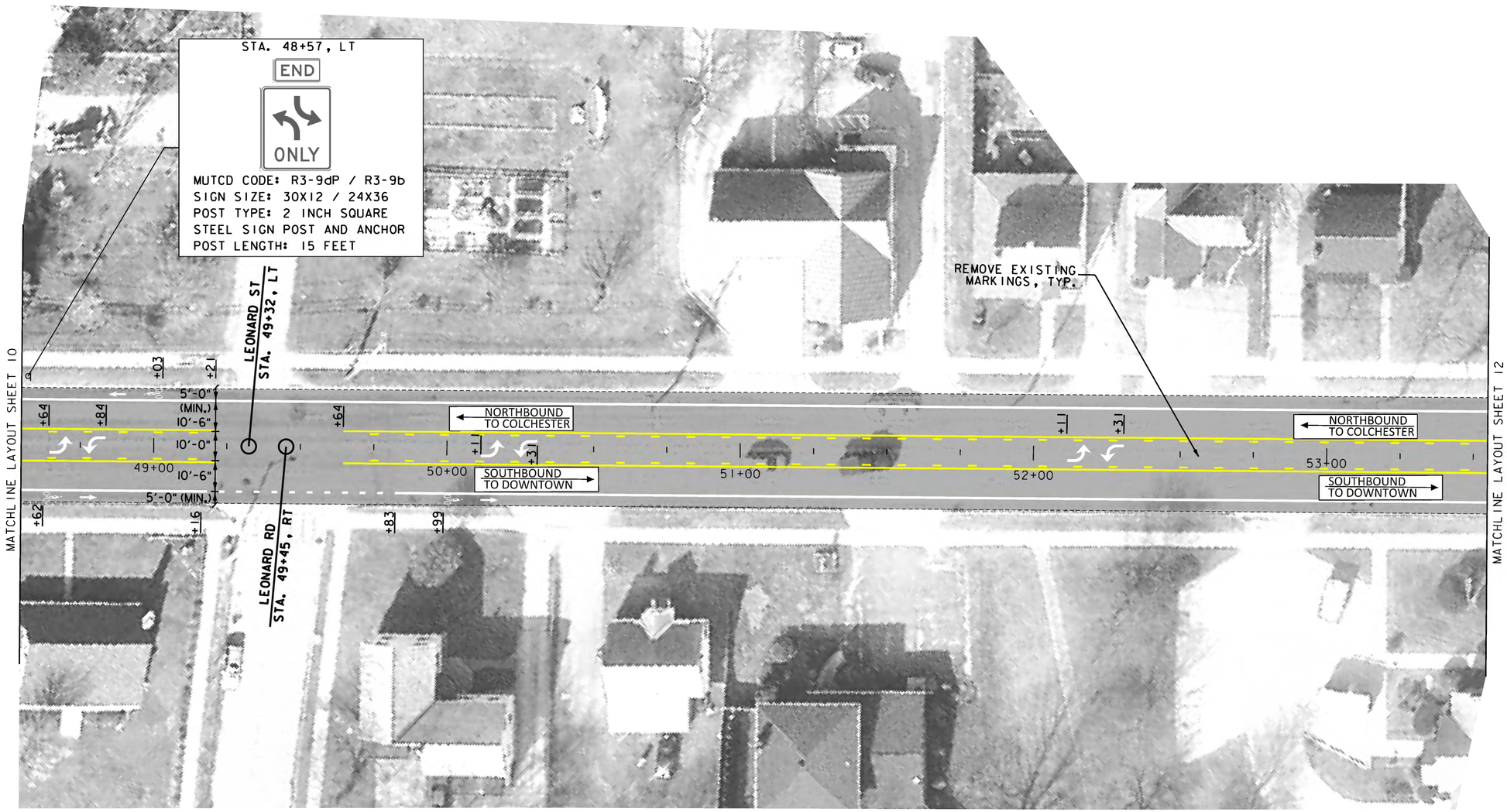
6 INCH WHITE LINE
STA. 49+16 TO 49+83, DOTTED RT
STA. 49+83 TO 54+50, SOLID RT (EDGE LINE)

4 INCH YELLOW LINE
STA. 49+64 TO 54+50, SOLID LT & RT
STA. 49+64 TO 54+50, DASHED LT & RT

OR SYMBOL
STA. 48+62, RT BIKE LANE SYMBOL
STA. 48+64, CL ARROW
STA. 48+84, CL ARROW
STA. 49+03, LT BIKE LANE SYMBOL
STA. 49+99, RT BIKE LANE SYMBOL
STA. 50+11, CL ARROW
STA. 50+31, CL ARROW
STA. 52+11, CL ARROW
STA. 52+31, CL ARROW

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 49+64 TO 54+50, CL (DOUBLE YELLOW)

N
VT STATE PLANE GRID



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SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 11
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 19 OF 40

4 INCH WHITE LINE
STA. 55+42 TO 55+91, SOLID LT (LANE LINE)
STA. 55+91 TO 56+51, DOTTED LT
STA. 55+91 TO 57+61, DOTTED RT
STA. 57+61 TO 59+25, SOLID RT (LANE LINE)

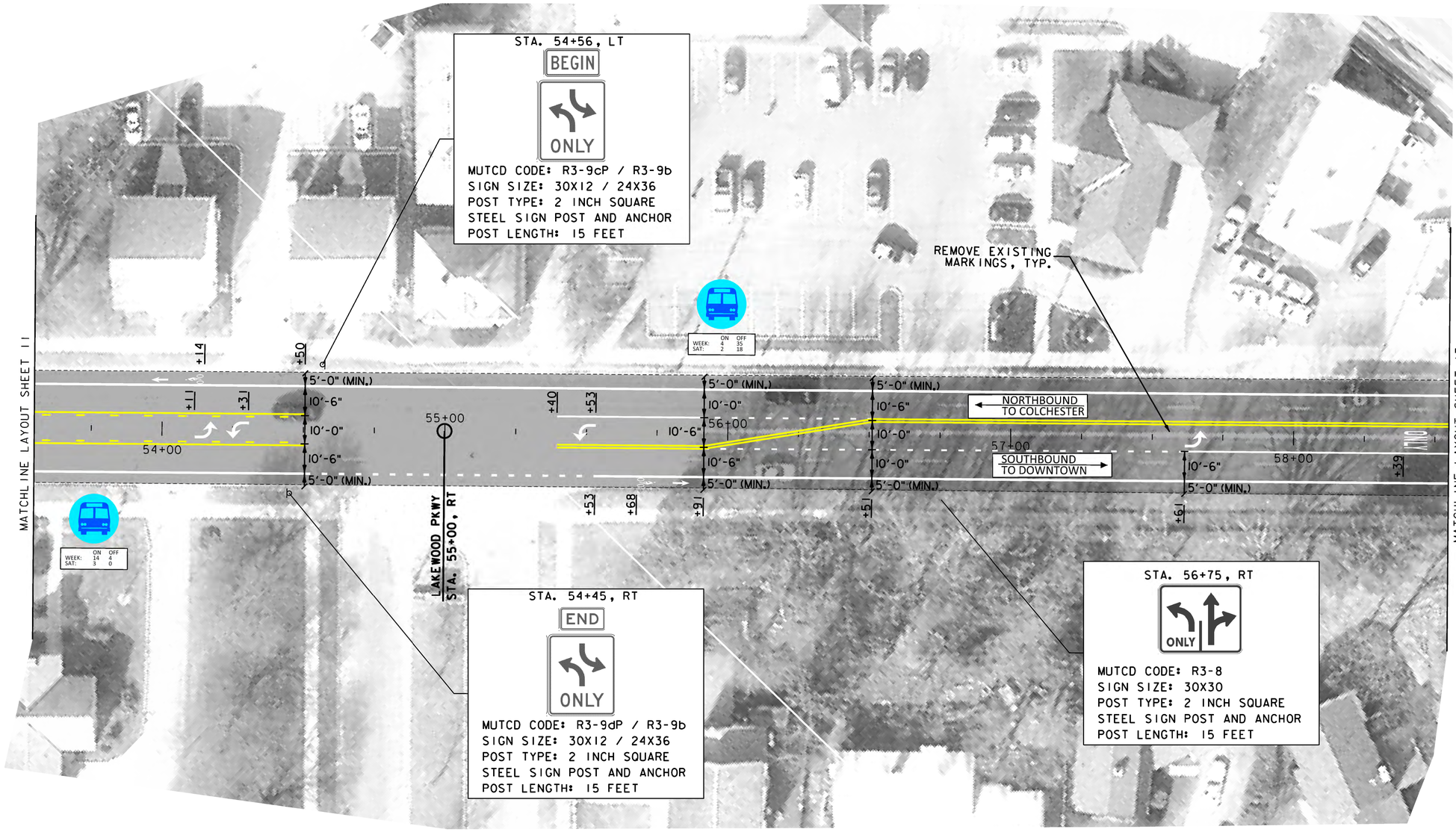
6 INCH WHITE LINE
STA. 54+50 TO 55+53, DOTTED RT
STA. 55+53 TO 59+25, SOLID RT (EDGE LINE)

4 INCH YELLOW LINE
STA. 55+40 TO 59+27, DOUBLE SOLID LT & RT

LETTER OR SYMBOL
STA. 54+11, CL ARROW
STA. 54+14, LT BIKE LANE SYMBOL
STA. 54+31, CL ARROW
STA. 55+53, CL ARROW
STA. 55+68, RT BIKE LANE SYMBOL
STA. 57+61, CL ARROW
STA. 58+39, CL "ONLY"

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 55+39 TO 59+25, CL (DOUBLE YELLOW)

VT STATE PLANE GRID



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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195111184

FILE NAME: 195111184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 12
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 20 OF 40

4 INCH WHITE LINE
STA. 60+65 TO 61+02, SOLID LT (LANE LINE)
STA. 61+02 TO 61+86, DOTTED LT & RT
STA. 61+86 TO 62+23, SOLID RT (LANE LINE)

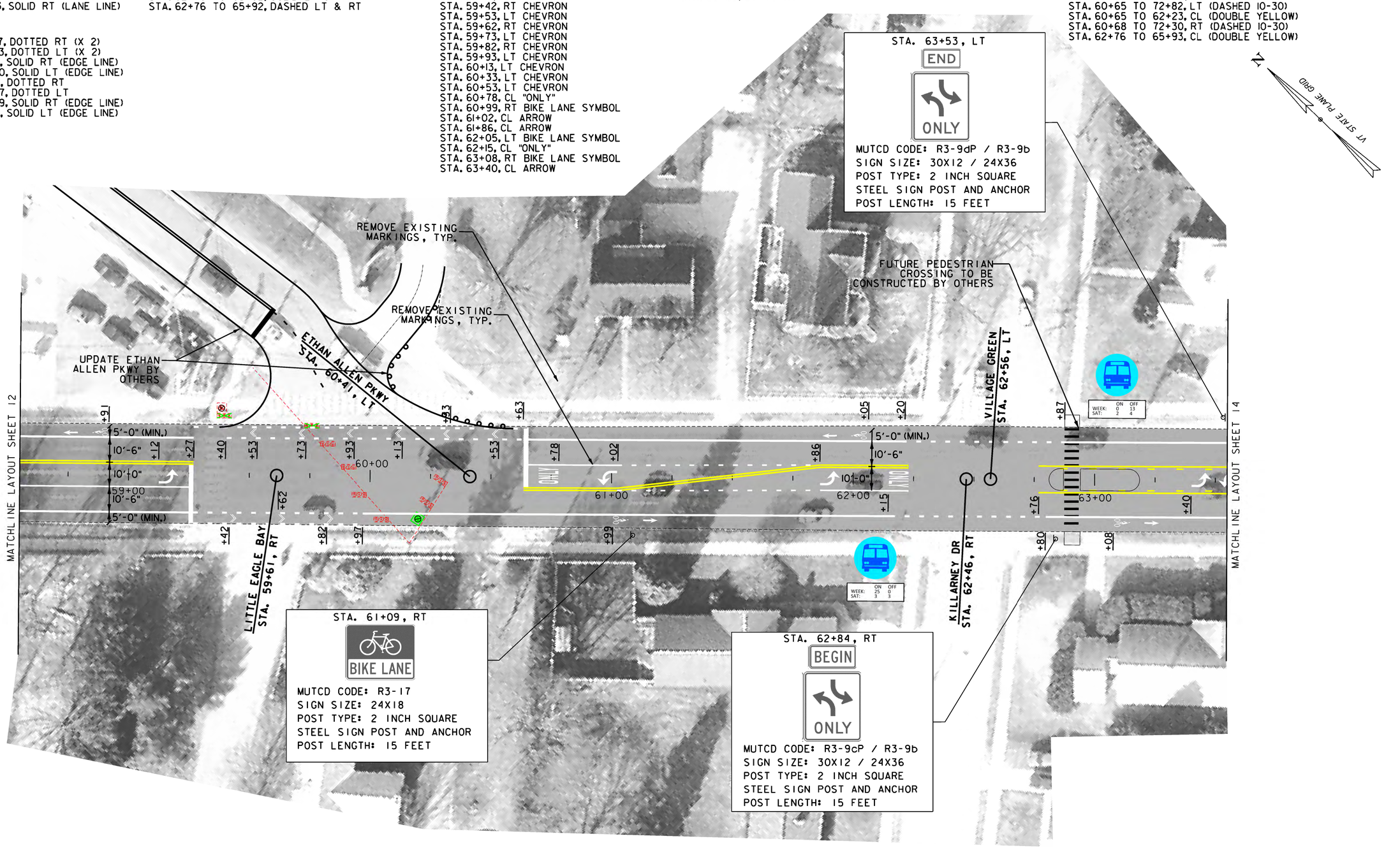
6 INCH WHITE LINE
STA. 59+27 TO 59+97, DOTTED RT (X 2)
STA. 59+27 TO 60+63, DOTTED LT (X 2)
STA. 59+97 TO 62+15, SOLID RT (EDGE LINE)
STA. 60+65 TO 62+20, SOLID LT (EDGE LINE)
STA. 62+15 TO 62+76, DOTTED RT
STA. 62+20 TO 62+87, DOTTED LT
STA. 62+80 TO 67+29, SOLID RT (EDGE LINE)
STA. 62+87 TO 65+81, SOLID LT (EDGE LINE)

4 INCH YELLOW LINE
STA. 60+65 TO 62+23, DOUBLE SOLID RT TO LT
STA. 62+76 TO 65+92, SOLID LT & RT
STA. 62+76 TO 65+92, DASHED LT & RT

LETTER OR SYMBOL
STA. 58+91, LT BIKE LANE SYMBOL
STA. 59+12, CL ARROW
STA. 59+42, RT CHEVRON
STA. 59+53, LT CHEVRON
STA. 59+62, RT CHEVRON
STA. 59+73, LT CHEVRON
STA. 59+82, RT CHEVRON
STA. 59+93, LT CHEVRON
STA. 60+13, LT CHEVRON
STA. 60+33, LT CHEVRON
STA. 60+53, LT CHEVRON
STA. 60+78, CL "ONLY"
STA. 60+99, RT BIKE LANE SYMBOL
STA. 61+02, CL ARROW
STA. 61+86, CL ARROW
STA. 62+05, LT BIKE LANE SYMBOL
STA. 62+15, CL "ONLY"
STA. 63+08, RT BIKE LANE SYMBOL
STA. 63+40, CL ARROW

24 INCH STOP BAR
STA. 59+27, LT TO RT
STA. 60+63, LT TO RT

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 59+26 TO 59+28, RT (STOP BAR)
STA. 60+63 TO 60+65, LT (STOP BAR)
STA. 60+65 TO 72+82, LT (DASHED 10-30)
STA. 60+65 TO 62+23, CL (DOUBLE YELLOW)
STA. 60+68 TO 72+30, RT (DASHED 10-30)
STA. 62+76 TO 65+93, CL (DOUBLE YELLOW)



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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 13

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 21 OF 40

4 INCH WHITE LINE
STA. 66+57 TO 73+94, SOLID LT (EDGE LINE)

6 INCH WHITE LINE
STA. 65+81 TO 66+57, DOTTED LT
STA. 66+57 TO 73+94, SOLID LT (EDGE LINE X 2)
STA. 67+29 TO 73+78, SOLID RT (EDGE LINE X 2)

4 INCH YELLOW LINE
STA. 66+44 TO 69+94, SOLID LT & RT
STA. 66+44 TO 69+94, DASHED LT & RT

LETTER OR SYMBOL
STA. 63+59, CL ARROW
STA. 65+40, CL ARROW
STA. 65+44, LT BIKE LANE SYMBOL
STA. 65+59, CL ARROW
STA. 67+33, CL ARROW
STA. 67+53, CL ARROW
STA. 68+27, RT BIKE LANE SYMBOL

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 66+44 TO 73+78, CL (DOUBLE YELLOW)

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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 14

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE

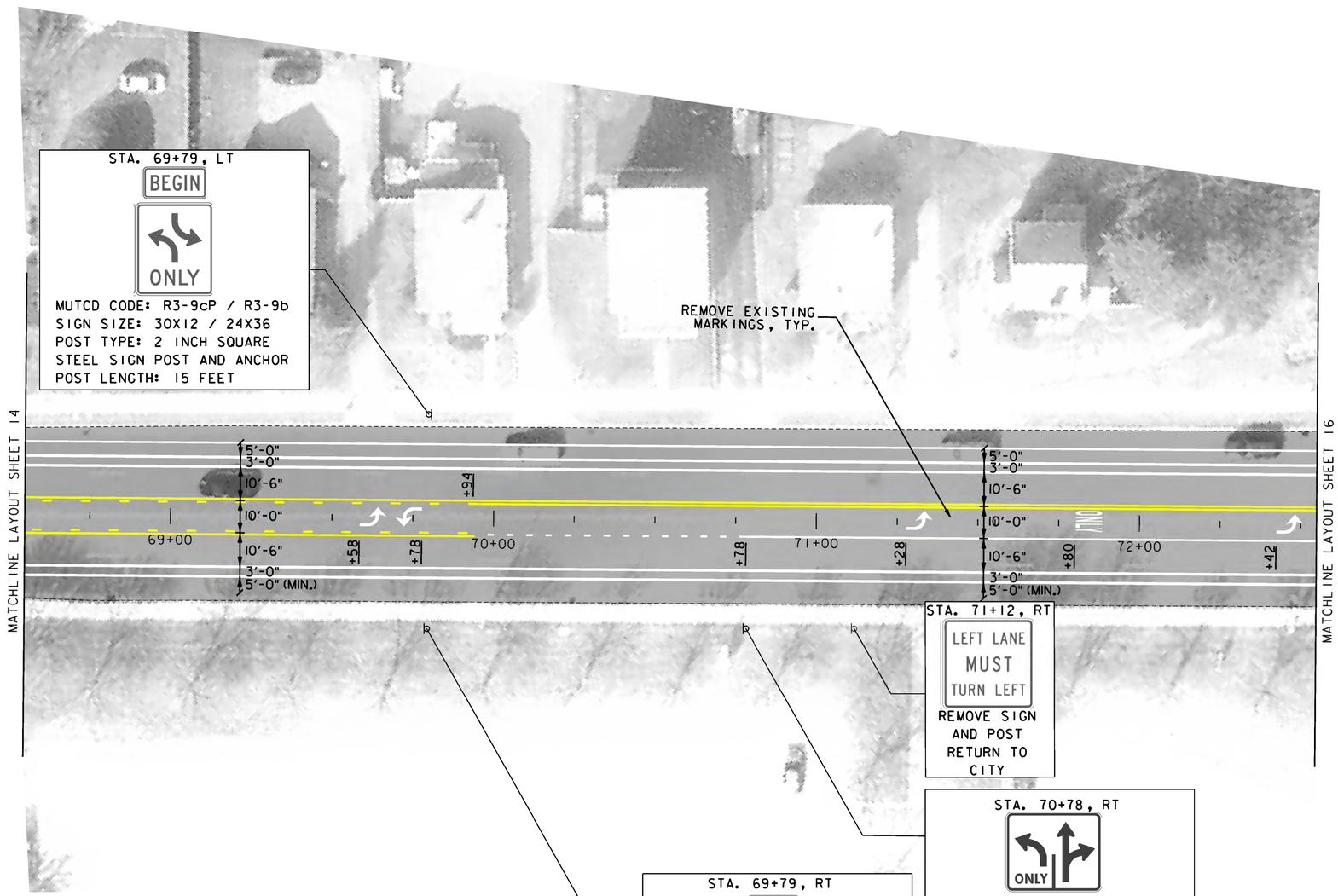
6 INCH WHITE LINE
STA. 69+94 TO 70+78, DOTTED RT
STA. 70+78 TO 73+78, SOLID RT (LANE LINE)

4 INCH YELLOW LINE
STA. 69+94 TO 73+80, DOUBLE SOLID LT

LETTER OR SYMBOL
STA. 69+58, CL ARROW
STA. 69+78, CL ARROW
STA. 71+28, CL ARROW
STA. 71+80, CL "ONLY"
STA. 72+42, CL ARROW

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 72+30 TO 73+77, RT (LANE LINE)

REMOVING SIGNS
AS SHOWN - 1



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SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 15
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 23 OF 40

BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY
STA. 74+60 TO 75+53, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 74+60 TO 75+53, LT

REMOVAL OF EXISTING CURB
STA. 74+60 TO 75+53, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 74+65, LT
STA. 74+73, LT

DETECTABLE WARNING SURFACE
STA. 74+65, LT
STA. 74+73, LT

REMOVE EXISTING ISLAND
STA. 73+68, LT TO 74+22

4 INCH WHITE LINE
STA. 73+25 TO 74+19, SOLID LT (DIAGONALS)
STA. 73+98 TO 74+19, SOLID LT (EDGE LINE FOR VT ROUTE 127)
STA. 74+50 TO 75+58, SOLID RT (DIAGONALS)
STA. 74+75 TO 75+51, SOLID CL (LANE LINE)
STA. 75+51 TO 77+11, DOTTED CL
STA. 75+56 TO 79+55, SOLID LT (EDGE LINE)

6 INCH WHITE LINE
STA. 73+80 TO 74+52, DOTTED RT (X 2)
STA. 73+94 TO 74+63, DOTTED LT (X 2)
STA. 74+52 TO 89+27, SOLID RT (EDGE LINE X 2)
STA. 74+75 TO 91+54, SOLID LT (EDGE LINE X 2)

4 INCH YELLOW LINE
STA. 74+73 TO 75+74, DOUBLE SOLID RT
STA. 75+74 TO 82+21, DOUBLE SOLID LT & RT

LETTER OR SYMBOL
STA. 73+03, CL "ONLY"
STA. 73+50, LT BIKE LANE SYMBOL
STA. 73+66, CL ARROW
STA. 73+93, RT CHEVRON
STA. 74+13, RT CHEVRON
STA. 74+09, LT CHEVRON
STA. 74+29, LT CHEVRON
STA. 74+33, RT CHEVRON
STA. 74+49, LT CHEVRON
STA. 74+56, RT BIKE LANE SYMBOL
STA. 74+88, RT ARROW
STA. 75+17, RT "ONLY"
STA. 75+51, RT ARROW

24 INCH STOP BAR
STA. 73+80, LT TO RT
STA. 74+73, LT TO RT

CROSSWALK MARKING
STA. 74+63 TO 74+75, LT

TEMPORARY TRAFFIC BARRIER
STA. 75+85 TO 76+46, LT

REMOVING SIGNS
AS SHOWN - 5

SALVAGE SIGN
STA. 75+53, RT

CIRCLE FLEX DELINEATOR POSTS (SEE DETAIL SHEET)
STA. 73+82 TO 74+16, LT (5'-0" SPACING)
STA. 74+92 TO 77+72, LT (10'-0" SPACING)

RAISED LANE SEPARATORS
STA. 74+66 TO 74+76, RT (8'-6" SPACING)
STA. 75+50 TO 75+87, RT (8'-6" SPACING)
STA. 76+45 TO 76+73, RT (8'-6" SPACING)
STA. 77+32 TO 77+68, RT (8'-6" SPACING)

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 72+56 TO 72+64, RT ("ONLY")
STA. 72+67 TO 72+75, RT (LT ARROW)
STA. 73+39 TO 73+48, RT ("ONLY")
STA. 73+50 TO 73+58, RT (LT ARROW)
STA. 73+77 TO 73+80, RT (STOP BAR)
STA. 74+76 TO 92+46, CL (DOUBLE YELLOW)

VT STATE PLANE GRID

STA. 73+42, LT
BIKE LANE
MUTCD CODE: R3-17
SIGN SIZE: 24X18
POST TYPE: 2 INCH SQUARE STEEL SIGN POST AND ANCHOR
SEE VAOT STANDARD T-45
POST LENGTH: 15 FEET

STA. 75+52, LT
ONLY
MUTCD CODE: R3-8
SIGN SIZE: 30X30
POST TYPE: 2 INCH SQUARE STEEL SIGN POST AND ANCHOR
POST LENGTH: 15 FEET

STA. 76+93, LT (APPROXIMATELY)
127 RETAINED
NEW
MUTCD CODE: M5-1R
SIGN SIZE: 21X15
POST TYPE: EXISTING

127 RETAIN
BIKE LANE ENDS
REMOVE SIGNS AND POST RETURN TO CITY

REMOVE EXISTING PORKCHOP ISLAND (SEE DETAIL ON THIS SHEET)
SEE VERMONT 127 CONSTRUCTION DETAIL
REMOVE EXISTING OBJECT MARKER
CLOSE RAMP WITH TEMPORARY TRAFFIC BARRIER. TEMPORARY TRAFFIC BARRIER TO REMAIN IN-PLACE AT END OF CONTRACT
RADIUS = 35'-0"
REMOVE EXISTING MARKINGS, TYP.
VT ROUTE 127 STA. 74+27, LT
31'-0"
11'-6"
13'-6"
5'-0"
3'-0"
10'-6"
10'-0"
5'-0" (MIN.)
73+00
74+00
75+00
76+00
77+00
ONLY
MATCHLINE LAYOUT SHEET 15
MATCHLINE LAYOUT SHEET 17
SEE CONSTRUCTION NOTES FOR SPACING (TYP.)

STA. 73+53, RT
BIKE LANE
REMOVE SIGN AND INSTALL AT STA. 75+84, RT

STA. 75+84, RT
BIKE LANE
MUTCD CODE: R3-17
SIGN SIZE: 24X18
POST TYPE: 2 INCH SQUARE STEEL SIGN POST AND ANCHOR
POST LENGTH: 15 FEET

WEEK: ON 3 OFF 2
SAT: 1 0

REMOVE EXISTING PORKCHOP ISLAND, PAID FOR AS COMMON EXCAVATION
0.4 GAL/SY EMULSIFIED ASPHALT
4.5" BASE COURSE TYPE II BITUMINOUS CONCRETE PAVEMENT, 4.5" (MAXIMUM 3" LIFTS)
1½" WEARING COURSE, TYPE III BITUMINOUS CONCRETE PAVEMENT
SAW CUT LINE (TYP.)
0.8 GAL/SY EMULSIFIED ASPHALT ON COLD PLANED SURFACE (TYP.)
1' COLD PLANE AND OVERLAP JOINT, COLD PLANE INCIDENTAL TO COMMON EXCAVATION (TYP.)
1' TYP.
24" SUBBASE OF DENSE GRADED CRUSHED STONE
LIMITS OF COMMON EXCAVATION

ISLAND REMOVAL DETAIL
NOT TO SCALE

NOTES:

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2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 16

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 24 OF 40

4 INCH YELLOW LINE
STA. 82+21 TO 92+46, DOUBLE SOLID LT & RT

4 INCH WHITE LINE
STA. 79+05 TO 79+55, SOLID LT (DIAGONAL)

LETTER OR SYMBOL
STA. 77+80, LT BIKE LANE SYMBOL
STA. 79+55, LT BIKE LANE SYMBOL
STA. 80+59, LT BIKE LANE SYMBOL
STA. 80+67, RT BIKE LANE SYMBOL
STA. 81+29, RT BIKE LANE SYMBOL
STA. 81+67, LT BIKE LANE SYMBOL
STA. 81+83, RT BIKE LANE SYMBOL

RAISED LANE SEPARATORS
STA. 78+17 TO 78+37, RT
(8'-6" SPACING)
STA. 78+87 TO 79+16, RT
(8'-6" SPACING)
STA. 79+66 TO 80+11, RT
(8'-6" SPACING)
STA. 80+27 TO 80+47, LT
(8'-6" SPACING)
STA. 80+71 TO 80+79, RT
(4'-3" SPACING)
STA. 80+94 TO 81+67, LT
(8'-6" SPACING)
STA. 81+34 TO 81+41, RT
(4'-3" SPACING)
STA. 81+88 TO 81+95, RT
(4'-3" SPACING)
STA. 82+07 TO 82+53, LT
(8'-6" SPACING)
STA. 82+45 TO 82+57, RT
(4'-3" SPACING)

NOTES:

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3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 17

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 25 OF 40

4 INCH WHITE LINE
STA. 85+58 TO 87+40, SOLID RT
(EDGE LINE & DIAGONALS)

6 INCH WHITE LINE
STA. 84+83 TO 86+08, DOTTED RT

LETTER OR SYMBOL
STA. 82+41, RT BIKE LANE SYMBOL
STA. 82+64, LT BIKE LANE SYMBOL
STA. 83+03, RT BIKE LANE SYMBOL
STA. 84+83, RT BIKE LANE SYMBOL
STA. 85+08, RT "BUS"
STA. 85+50, RT "STOP"
STA. 85+99, LT BIKE LANE SYMBOL
STA. 86+03, RT BIKE LANE SYMBOL

RAISED LANE SEPARATORS
STA. 84+97 TO 85+50, RT
(8-6" SPACING)
STA. 85+58 TO 85+86, LT
(8-6" SPACING)
STA. 86+61 TO 86+68, LT
(4-3" SPACING)
STA. 87+14 TO 87+30, LT
(4-3" SPACING)

CIRCLE FLEX DELINEATOR POSTS (SEE DETAIL SHEETS)
STA. 83+00 TO 84+32, RT
(10'-0" SPACING)
STA. 83+26 TO 85+47, LT
(10'-0" SPACING)
STA. 86+58 TO 89+10, RT
(10'-0" SPACING)

NOTES:

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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 18

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 26 OF 40

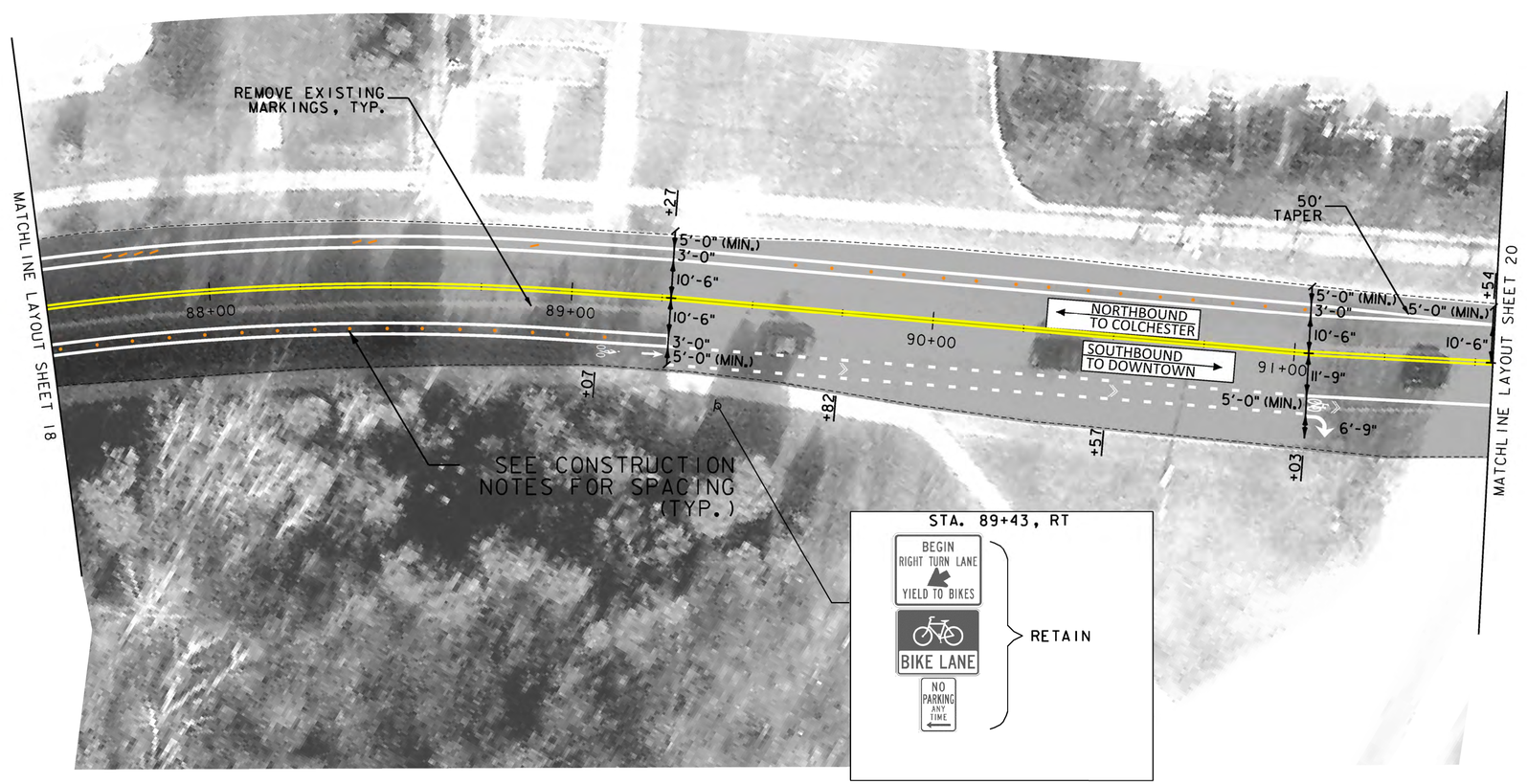
6 INCH WHITE LINE
STA. 89+27 TO 91+03, DOTTED RT (X 2)
STA. 91+03 TO 92+44, SOLID RT (LANE LINE)
STA. 91+54 TO 92+44, SOLID LT (EDGE LINE)

LETTER OR SYMBOL
STA. 89+07, RT BIKE LANE SYMBOL
STA. 89+82, RT CHEVRON
STA. 90+57, RT CHEVRON
STA. 91+03, RT SHARROW
STA. 91+03, RT ARROW

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 89+59 TO 91+04, RT (DOTTED 3-9)
STA. 91+04 TO 92+43, RT (LANE LINE)

RAISED LANE SEPARATORS
STA. 87+72 TO 87+87, LT
(4'-3" SPACING)
STA. 88+39 TO 88+46, LT
(4'-3" SPACING)
STA. 88+89, LT

CIRCLE FLEX DELINEATOR POSTS (SEE DETAIL SHEETS)
STA. 89+60 TO 91+11, LT
(10'-0" SPACING)



NOTES:

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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 19

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 27 OF 40

4 INCH WHITE LINE
STA. 93+32 TO 95+20, SOLID LT (LANE LINE)
STA. 93+84 TO 95+37, SOLID RT (EDGE LINE)
STA. 95+20 TO 96+30, DOTTED LT

6 INCH WHITE LINE
STA. 91+94 TO 92+44, DOTTED LT
STA. 92+44 TO 93+30, DOTTED LT (X 2)
STA. 92+46 TO 93+32, DOTTED RT (X 2)
STA. 93+32 TO 93+84, SOLID RT (EDGE LINE)
STA. 93+32 TO 95+20, SOLID LT (LANE LINE)
STA. 93+32 TO 96+30, SOLID LT (EDGE LINE)
STA. 93+84 TO 94+32, DOTTED RT
STA. 93+84 TO 95+37, SOLID RT (EDGE LINE)
STA. 94+32 TO 96+02, SOLID RT (EDGE LINE)
STA. 95+20 TO 96+30, DOTTED LT
STA. 96+02 TO 122+62, SOLID RT (EDGE LINE)
STA. 96+30 TO 122+62, SOLID LT (EDGE LINE)

4 INCH YELLOW LINE
STA. 93+30 TO 96+81, SOLID LT & RT

24 INCH STOP BAR
STA. 92+46, RT
STA. 93+30, LT

LETTER OR SYMBOL
STA. 91+70, RT "ONLY"
STA. 92+11, LT BIKE LANE SYMBOL
STA. 92+32, RT ARROW
STA. 92+32, RT SHARROW
STA. 92+48, LT CHEVRON
STA. 92+51, RT CHEVRON
STA. 92+68, LT CHEVRON
STA. 92+71, RT CHEVRON
STA. 92+88, LT CHEVRON
STA. 92+91, RT CHEVRON
STA. 93+08, LT CHEVRON
STA. 93+11, RT CHEVRON
STA. 93+28, LT CHEVRON
STA. 93+30, RT CHEVRON
STA. 93+32, RT "BUS"
STA. 93+44, LT ARROW
STA. 93+51, LT BIKE LANE SYMBOL
STA. 93+54, RT SHARROW
STA. 93+75, RT "STOP"
STA. 94+32, RT BIKE LANE SYMBOL
STA. 94+41, LT "ONLY"
STA. 95+20, LT ARROW

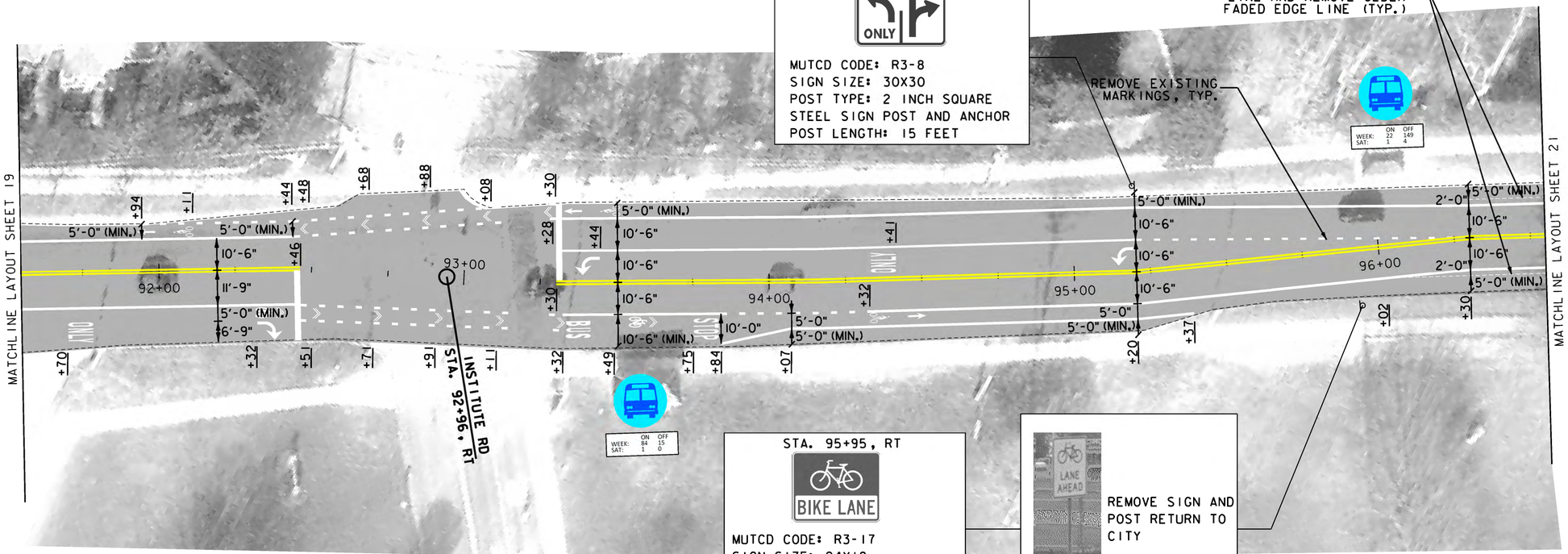
REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 92+43 TO 92+47, RT (STOP BAR)
STA. 93+29 TO 93+31, LT (STOP BAR)
STA. 93+31 TO 95+60, LT (LANE LINE)
STA. 93+31 TO 96+82, CL (DOUBLE YELLOW)
STA. 93+37 TO 93+44, LT (LT ARROW)
STA. 93+48 TO 93+57, LT "ONLY"
STA. 94+61 TO 94+68, LT (LT ARROW)
STA. 94+71 TO 94+80, LT "ONLY"
STA. 95+48 TO 95+56, LT (LT ARROW)
STA. 95+55 TO 122+62, RT (EDGE LINE, OLD)
STA. 96+30 TO 122+62, LT (EDGE LINE, OLD)

REMOVING SIGNS
AS SHOWN - 1

VT STATE PLANE GRID

STA. 95+20, LT

MUTCD CODE: R3-8
SIGN SIZE: 30X30
POST TYPE: 2 INCH SQUARE
STEEL SIGN POST AND ANCHOR
POST LENGTH: 15 FEET



STA. 95+95, RT

MUTCD CODE: R3-17
SIGN SIZE: 24X18
POST TYPE: 2 INCH SQUARE
STEEL SIGN POST AND ANCHOR
POST LENGTH: 15 FEET

REMOVE SIGN AND POST RETURN TO CITY

NOTES:

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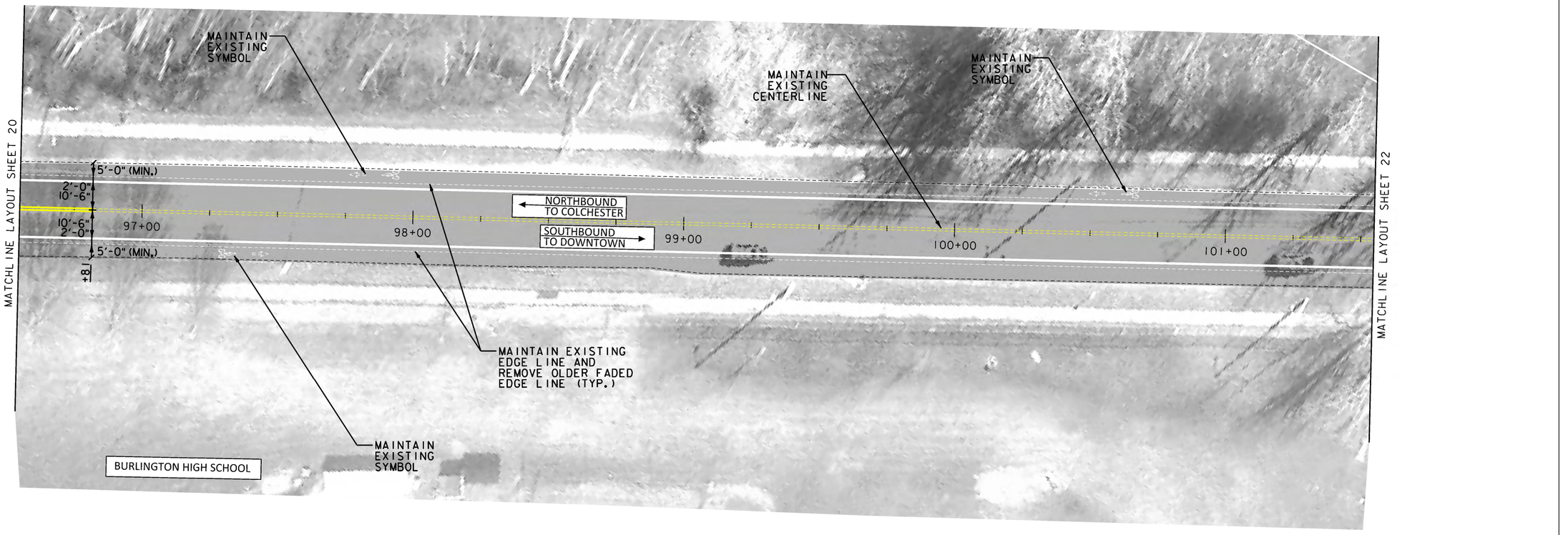
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 20
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 28 OF 40



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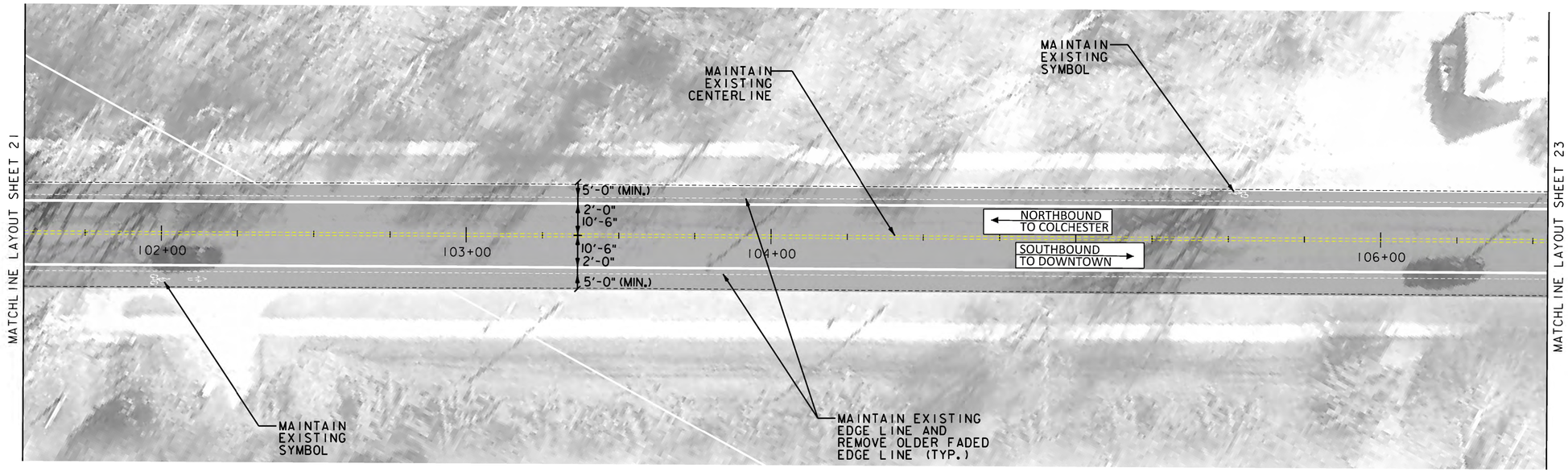
0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 21

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 29 OF 40



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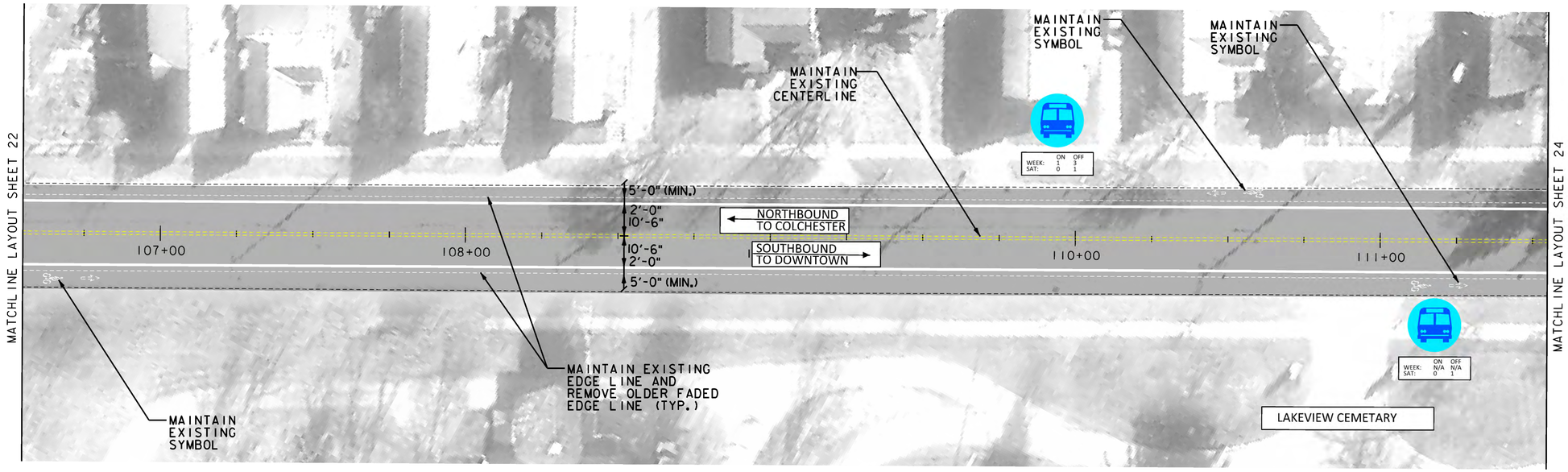
0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT	
PROJECT NUMBER: 195311184	
FILE NAME: 195311184bdr.dgn	PLOT DATE: 4/25/2016
PROJECT LEADER: G. GOYETTE	DRAWN BY: C. GENDRON
DESIGNED BY: C. GENDRON	CHECKED BY: G. GOYETTE
LAYOUT SHEET 22	SHEET 30 OF 40



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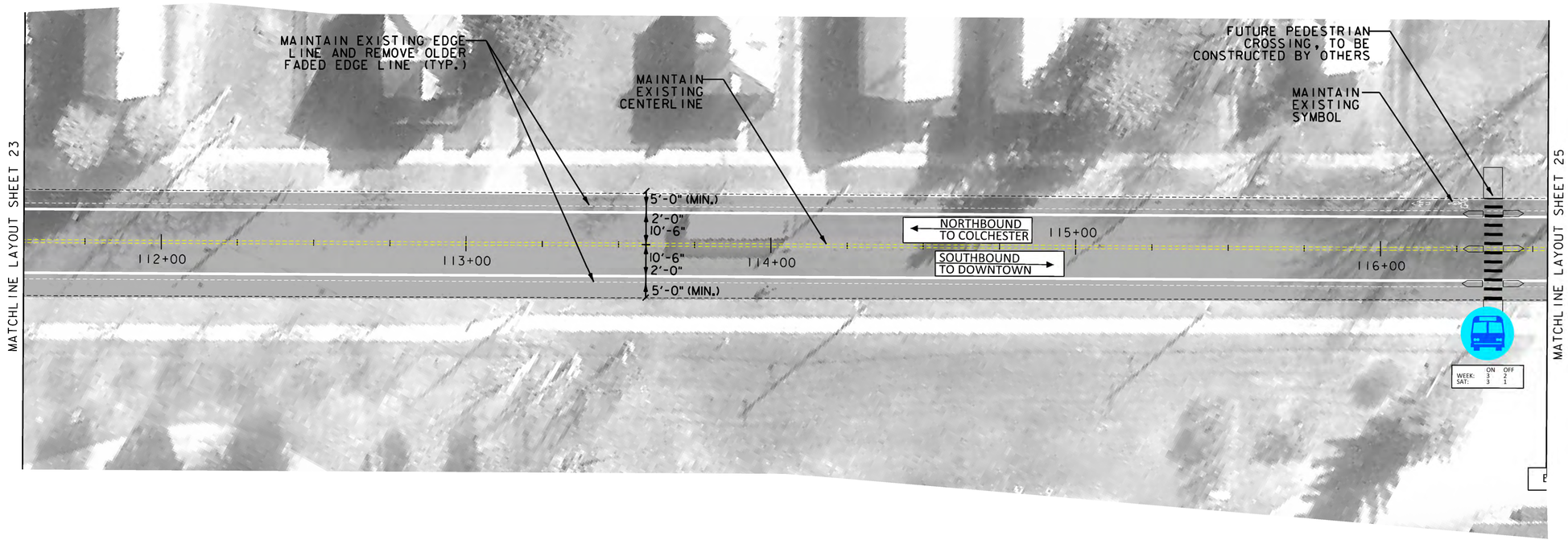
0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 23

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 31 OF 40



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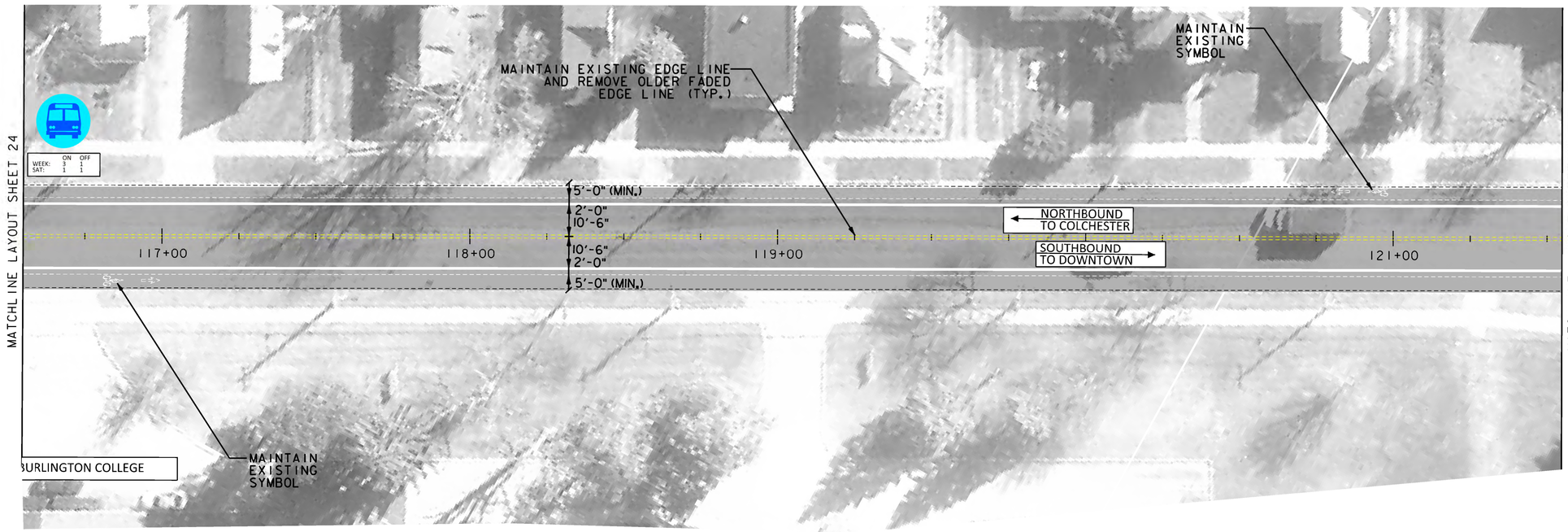
0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195111184

FILE NAME: 195111184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 24

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 32 OF 40



NOTES:

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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 25

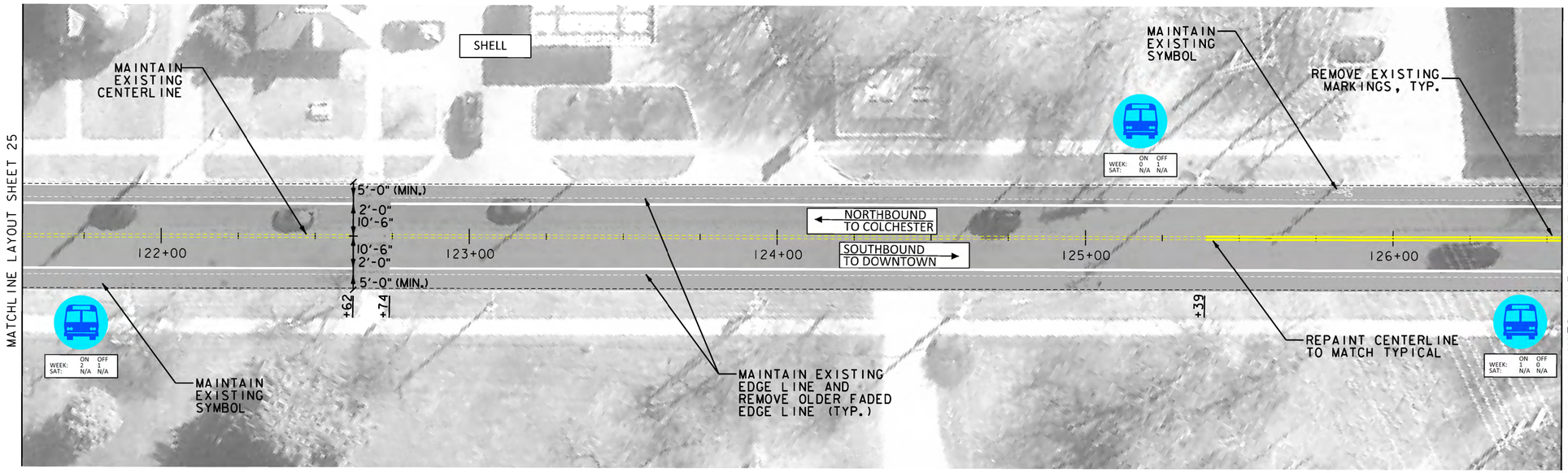
PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 33 OF 40

6 INCH WHITE LINE
STA. 122+74 TO 129+52, SOLID RT (EDGE LINE)
STA. 122+74 TO 127+84, SOLID LT (EDGE LINE)

4 INCH YELLOW LINE
STA. 125+39 TO 128+03, SOLID LT & RT

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 122+74 TO 127+94, LT (FOG LINE)
STA. 122+74 TO 131+68, RT (FOG LINE)
STA. 125+39 TO 128+04, CL (DOUBLE YELLOW)

N
VT STATE PLANE GRID



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2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 26

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 34 OF 40

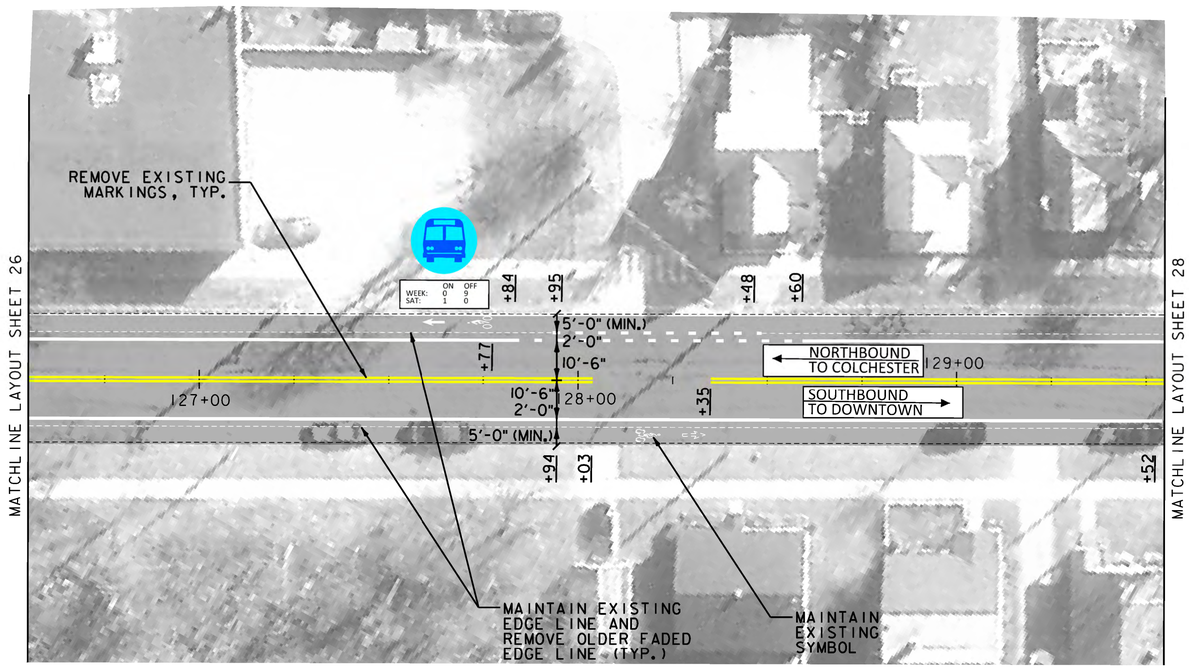
6 INCH WHITE LINE
STA. 127+84 TO 128+60, LT SEE SIDEROAD DETAIL
STA. 128+60 TO 131+27, SOLID LT (EDGE LINE X 2)
STA. 129+52 TO 130+30, RT SEE SIDEROAD DETAIL

4 INCH YELLOW LINE
STA. 128+35 TO 131+34, SOLID LT & RT

LETTER OR SYMBOL
STA. 127+77, LT BIKE LANE SYMBOL

REMOVAL OF EXISTING PAVEMENT MARKINGS
STA. 128+35 TO 131+18, CL (DOUBLE YELLOW)

N
VT STATE PLANE GRID



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0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 27

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 35 OF 40

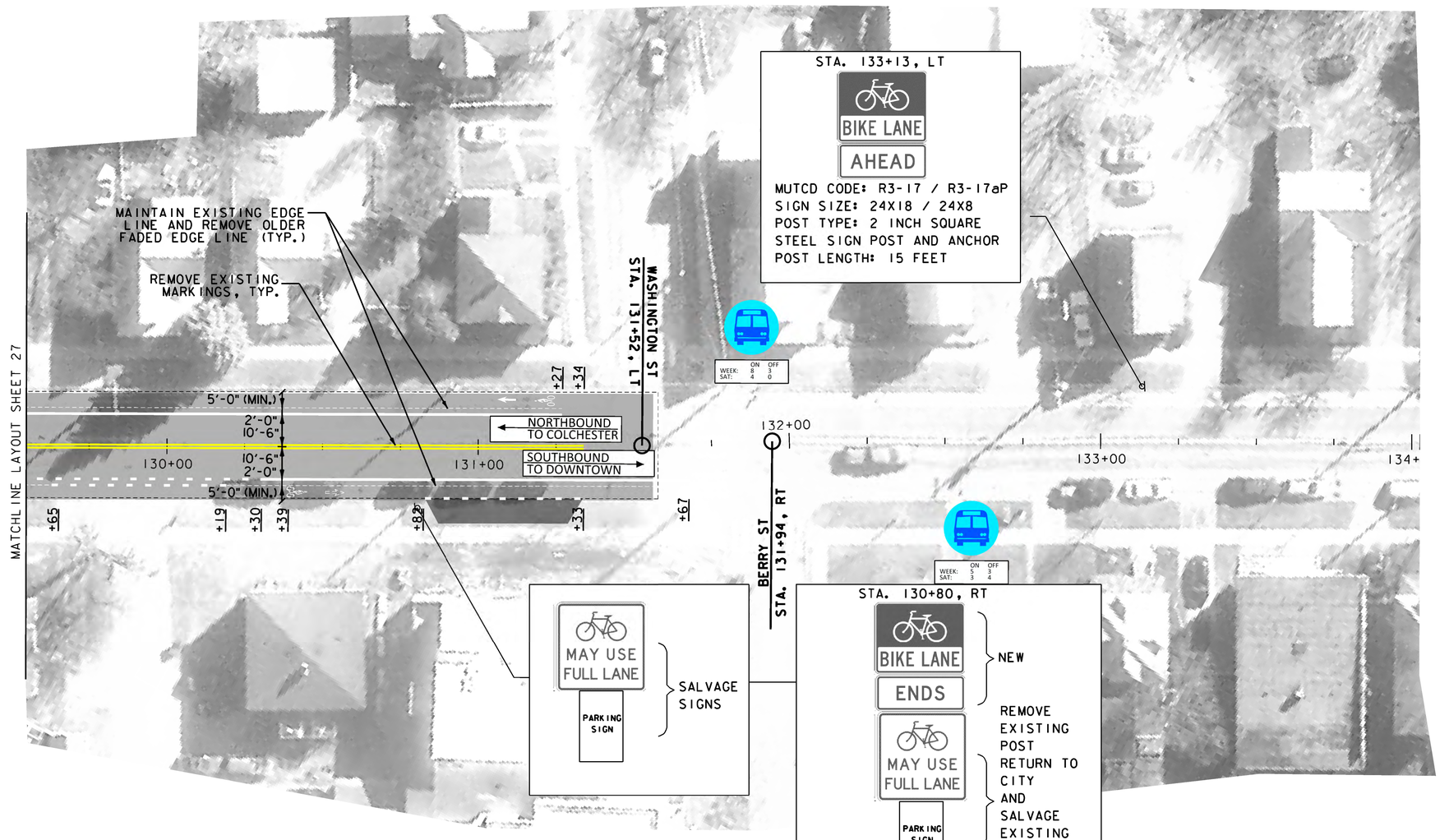
6 INCH WHITE LINE
STA. 130+30 TO 131+67, SOLID RT (EDGE LINE)
STA. 130+82 TO 131+33, DOTTED RT

LETTER OR SYMBOL
STA. 130+39, RT BIKE LANE SYMBOL
STA. 131+27, LT BIKE LANE SYMBOL

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 2

N
VT STATE PLANE GRID



NOTES:

1. PLANS WERE PREPARED BASED ON A HISTORICAL ORTHO PHOTO PROVIDED BY VCGI AND MAY BE OUT OF DATE.
2. EXISTING PAINT MARKINGS AND SYMBOLS RECOMMENDED TO REMAIN ARE SHOWN AS DASHED, HOLLOW AND/OR A LOWER LINE WEIGHT. CONTRACTOR TO VERIFY PROPOSED LANE WIDTHS SHOWN CAN FIT WITHOUT RELOCATING THE EXISTING MARKINGS.
3. SIGNS AND BOLLARDS SHALL BE LOCATED IN LOCATIONS CONSISTENT WITH DETAIL ON THE DETAIL SHEET.

0 20 40
SCALE IN FEET

Stantec

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 195311184

FILE NAME: 195311184bdr.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
LAYOUT SHEET 28

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 36 OF 40

TRAFFIC SIGN SUMMARY SHEET 01

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE														
SEE REMARKS		1 1	24 24	18 8	3.00 1.33				1		15.0		X	MUTCD CODE: R3-17 INSTALL ON RIGHT SIDE 235 FEET BACK FROM STA. 0+00 MUTCD CODE: R3-17aP
1+60, RT		1	24	18	3.00				1		15.0		X	MUTCD CODE: R3-17
3+83, LT		1 1	24 24	18 8	3.00 1.33				1		15.0		X	MUTCD CODE: R3-17 MUTCD CODE: R3-17bP
19+28, LT		1	24	18	3.00				1		15.0		X	MUTCD CODE: R3-17
21+65, RT		1	24	18	3.00				1		15.0		X	MUTCD CODE: R3-17
32+08, RT														REMOVE SIGN AND POST RETURN TO CITY OF BURLINGTON
										FT	FT 75	FT		
TRAFFIC SIGN SUMMARY SHEET 1 TOTALS					SF 17.66	EA.				FT 75				

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE														
33+25, RT		1	24	18	3.00				1		15.0		X	MUTCD CODE: R3-17
34+53, RT		1 1	30 24	12 36	2.50 6.00				1		15.0		X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
34+82, LT														REMOVE SIGNS AND POST RETURN TO CITY OF BURLINGTON
34+82, LT		1 1	30 24	12 36	2.50 6.00				1		15.0		X	MUTCD CODE: R3-9dP MUTCD CODE: R3-9b
42+40, RT		1 1	30 24	12 36	2.50 6.00				1		15.0		X	MUTCD CODE: R3-9dP MUTCD CODE: R3-9b
42+90, LT		1 1	30 24	12 36	2.50 6.00				1		15.0		X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
										FT	FT 75	FT		
					SF 37	EA.				FT 75				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184tsss.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
TRAFFIC SIGN SUMMARY SHEET 1

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 37 OF 40

TRAFFIC SIGN SUMMARY SHEET 02

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75	2.0	2.5	lb/ft 1.88	2.42	3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE																	
43+92, RT		1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
44+27, LT		1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
46+74, LT		1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
47+00, RT		1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
47+72, RT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
48+57, LT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9dP MUTCD CODE: R3-9b
54+45, RT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
										FT	FT 105	FT					
TRAFFIC SIGN SUMMARY SHEET 2 TOTALS					SF 44.00	EA.				FT 105							

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75	2.0	2.5	lb/ft 1.88	2.42	3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE																	
54+56, LT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
56+75, RT		1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
61+09, RT		1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
62+84, RT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
63+53, LT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9dP MUTCD CODE: R3-9b
69+79, LT		1 1	30 24	12 36	2.50 6.00				1		15.0					X	MUTCD CODE: R3-9cP MUTCD CODE: R3-9b
										FT	FT 90	FT					
					SF 43.25	EA.				FT 90							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184tsss.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
TRAFFIC SIGN SUMMARY SHEET 2

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 38 OF 40

TRAFFIC SIGN SUMMARY SHEET 03

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75	2.0	2.5	lb/ft 1.88	2.42	3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE																	
69+79, RT	END ONLY	1	30	12	2.50				1		15.0					X	MUTCD CODE: R3-9dP
		1	24	36	6.00												MUTCD CODE: R3-9b
70+78, RT	ONLY	1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
71+12, RT	LEFT LANE MUST TURN LEFT																REMOVE SIGN AND POST RETURN TO CITY OF BURLINGTON
73+42, LT	BIKE LANE	1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
73+53, RT	BIKE LANE AHEAD																REMOVE SIGN AND INSTALL AT STA. 75+84, RT
75+52, LT	ONLY	1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
75+84, RT	BIKE LANE	1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
										FT	FT 75	FT					
TRAFFIC SIGN SUMMARY SHEET 3 TOTALS					SF 27.00	EA.				FT 75							

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75	2.0	2.5	lb/ft 1.88	2.42	3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE																	
76+93, LT	127 BIKE LANE ENDS							1									RETAIN SIGN
																	REMOVE AND RETURN TO CITY OF BURLINGTON
																	REMOVE AND RETURN TO CITY OF BURLINGTON
																	REMOVE AND RETURN TO CITY OF BURLINGTON
76+93, LT		1	21	15	2.19												MUTCD CODE: M5-1R
89+43, RT	BEGIN RIGHT TURN LANE YIELD TO BIKES; BIKE LANE; NO PARKING ANY TIME							1									RETAIN SIGNS
95+20, LT	ONLY	1	30	30	6.25				1		15.0					X	MUTCD CODE: R3-8
95+95, RT	BIKE LANE AHEAD																REMOVE SIGN AND POST RETURN TO CITY OF BURLINGTON
95+95, RT	BIKE LANE	1	24	18	3.00				1		15.0					X	MUTCD CODE: R3-17
										FT	FT 45	FT					
					SF 11.44	EA.				FT 45							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184tsss.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 39 OF 40

TRAFFIC SIGN SUMMARY SHEET 04

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS SALV SIGN	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75	2.0	2.5	lb/ft 1.88	2.42	3.35	ANCHOR	REMARKS
BURLINGTON NORTH AVENUE																	
130+80, RT	MAY USE FULL LANE / PARKING SIGN																REMOVE EXISTING POST AND SALVAGE EXISTING SIGNS TO NEW POST WITH NEW SIGNS (SEE BELOW)
130+80, RT	BIKE LANE	1	24	18	3.00												MUTCD CODE: R3-17
	ENDS	1	24	8	1.33												MUTCD CODE: R3-17bP
	MAY USE FULL LANE					1			1		15.0				X		SALVAGED SIGN
	PARKING SIGN					1											SALVAGED SIGN
133+13, LT	BIKE LANE	1	24	18	3.00				1		15.0				X		MUTCD CODE: R3-17
	AHEAD	1	24	8	1.33												MUTCD CODE: R3-17aP
										FT	FT 30	FT					

	SF	EA.	FT
TRAFFIC SIGN SUMMARY SHEET 1 TOTALS	54.66		150
TRAFFIC SIGN SUMMARY SHEET 2 TOTALS	87.25		195
TRAFFIC SIGN SUMMARY SHEET 3 TOTALS	38.44		120
TRAFFIC SIGN SUMMARY SHEET 4 TOTALS	8.66	2	30
TRAFFIC SIGN SUMMARY SHEETS SUBTOTAL	189.01	2	495
ROUNDING	0.99	-	5
TRAFFIC SIGN SUMMARY SHEETS TOTAL	190	2	500

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: NORTH AVENUE PILOT PROJECT
PROJECT NUMBER: 19531184

FILE NAME: 19531184tsss.dgn
PROJECT LEADER: G. GOYETTE
DESIGNED BY: C. GENDRON
TRAFFIC SIGN SUMMARY SHEET 4

PLOT DATE: 4/25/2016
DRAWN BY: C. GENDRON
CHECKED BY: G. GOYETTE
SHEET 40 OF 40