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STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
CITY OF WINOOSKI
COUNTY OF CHITTENDEN
U.S. ROUTE 7

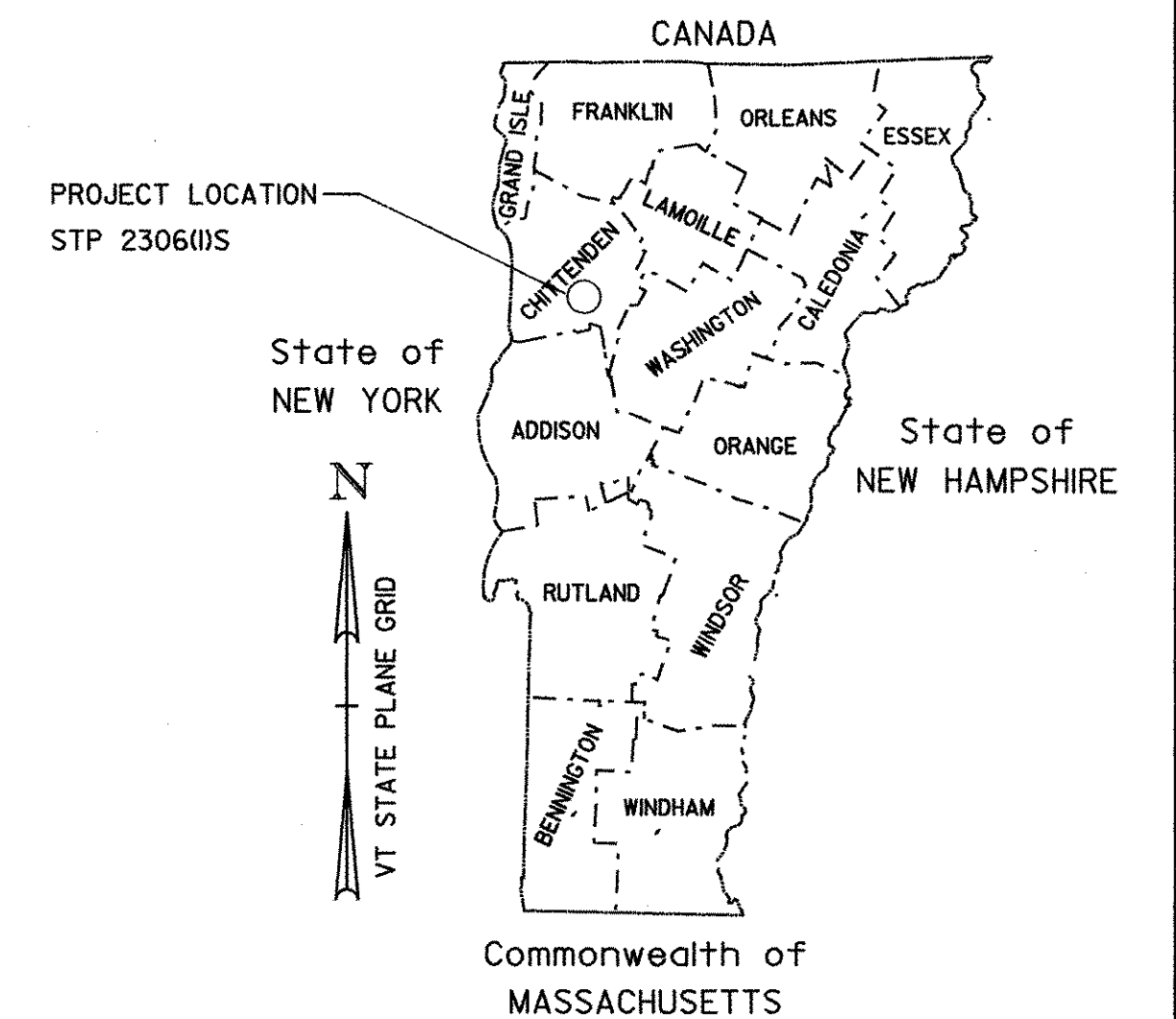
BEGINNING IN THE CITY OF WINOOSKI ON U.S. ROUTE 7 AT STATION 14+05 (M.M. 0.265) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 7 A DISTANCE OF 3,715 FEET (0.703 MILES) TO THE WINOOSKI/COLCHESTER TOWN LINE AT STATION 51+20 (M.M. 0.969).

PROJECT DATA

FROM STATION 14+05 (M.M. 0.265) (WINOOSKI) TO STATION 51+20 (M.M. 0.969) (WINOOSKI)

LENGTH OF ROADWAY = 3,715 FEET (0.704 MILES)
LENGTH OF PROJECT = 3,715 FEET (0.704 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE ROADWAY WITH NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	5,700,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64-28

TRAFFIC DATA

M.M. 0.274 (WINOOSKI) TO M.M. 0.969 (WINOOSKI)	
2006 ADT	= 17,900
2006 DHV	= 2,100
2016 ADT	= 21,600
2016 DHV	= 2,600
2006-2016 ESALS	= 1,998,000
2006-2026 ESALS	= 5,452,000

RECORD PLANS

CONTRACTOR: FW WHITCOMB CONSTRUCTION CORP. - WALPOLE, NH

RESIDENT ENGINEER: DELVIN WARNER

CONSTRUCTION BEGAN:

CONSTRUCTION COMPLETE:

RECORD PLANS BY: D. WARNER & N. GARBACIK

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

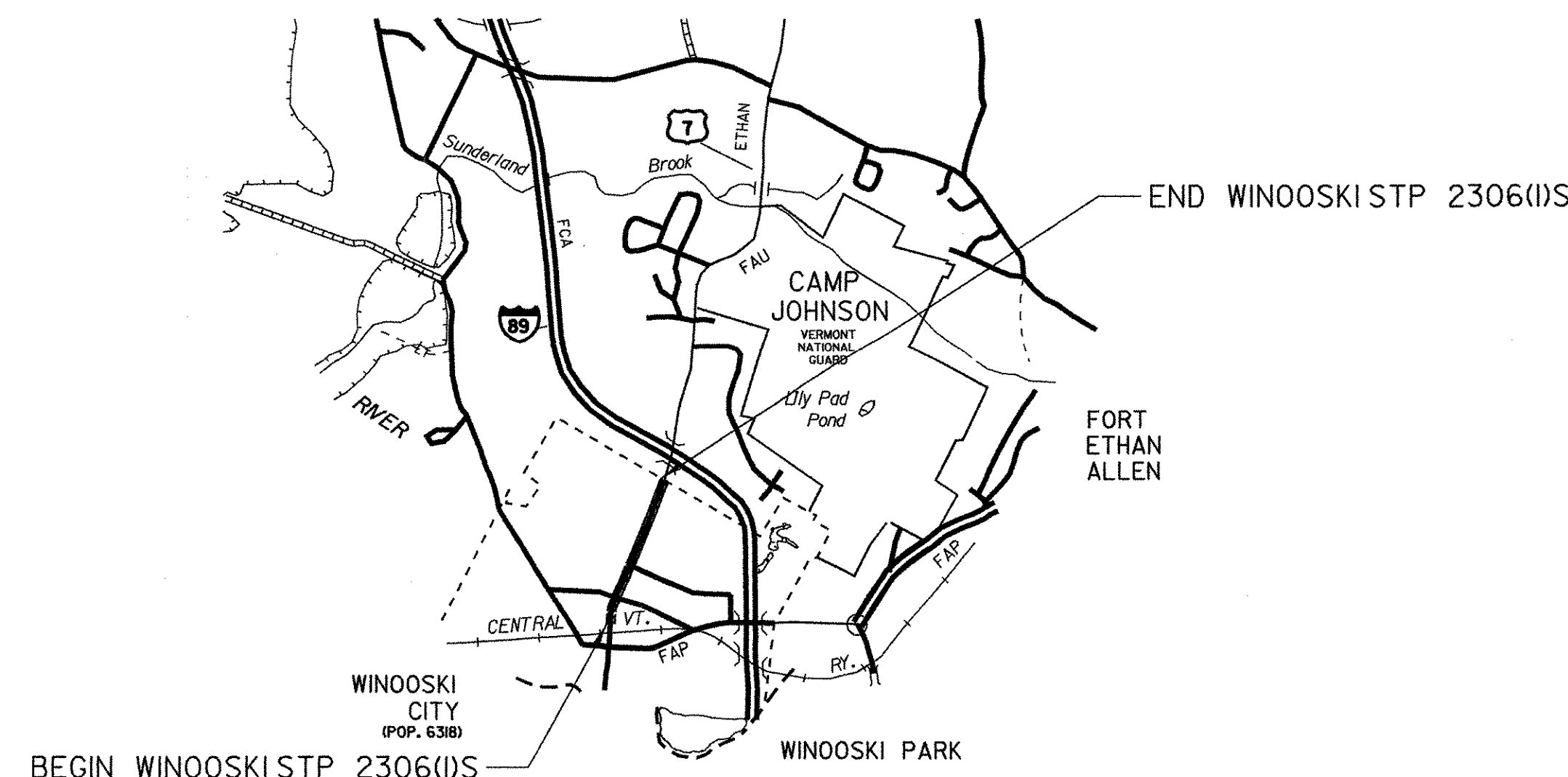
BY *Delvin Warner* RESIDENT ENGINEER

DATE 11/8/08 *DW*

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

CONVENTIONAL SYMBOLS

COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED *Richard J. ...* DATE 9-19-06

PROJECT MANAGER :

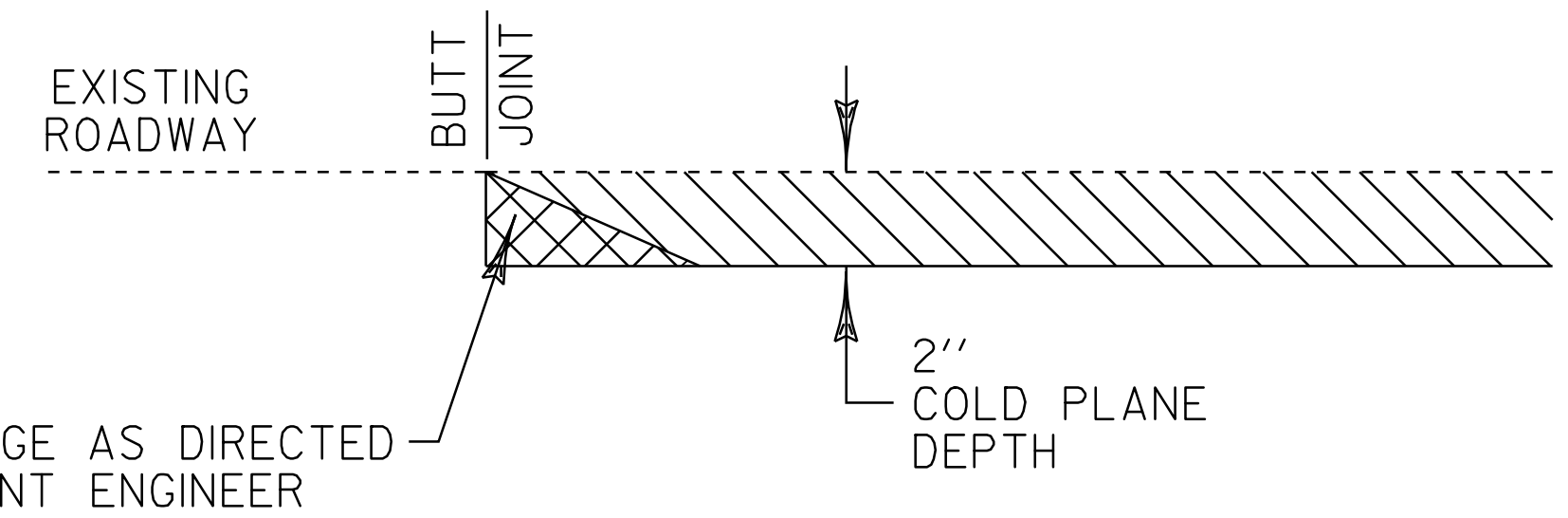
PROJECT NAME : WINOOSKI

PROJECT NUMBER : STP 2306(1)S

SHEET 1 OF 23

NOTES

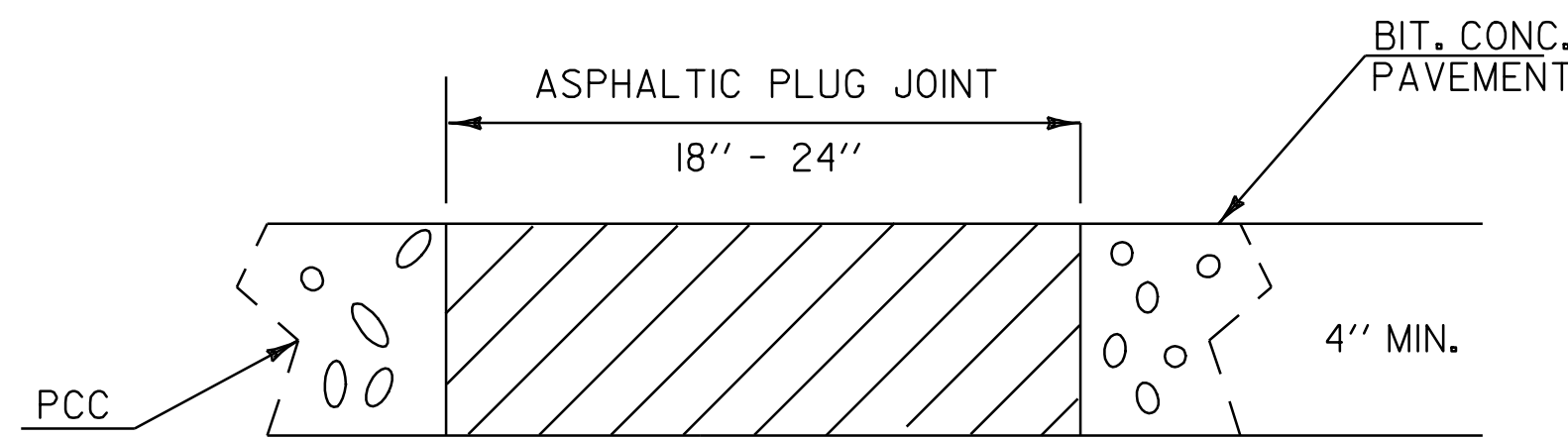
1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS. ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 64-28.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL./SY. OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).
4. ALL PAVING WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVEWAYS, AROUND DROP INLETS, ETC.) SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 64-28).
5. A FULL-DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE BEGIN OF THE PROJECT AT ALL SIDE ROAD APPROACHES AS INDICATED ON THE PROJECT PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
6. ITEMS 604.412, 604.42, AND 629.20 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.



MAINLINE APPROACH AREA DETAIL

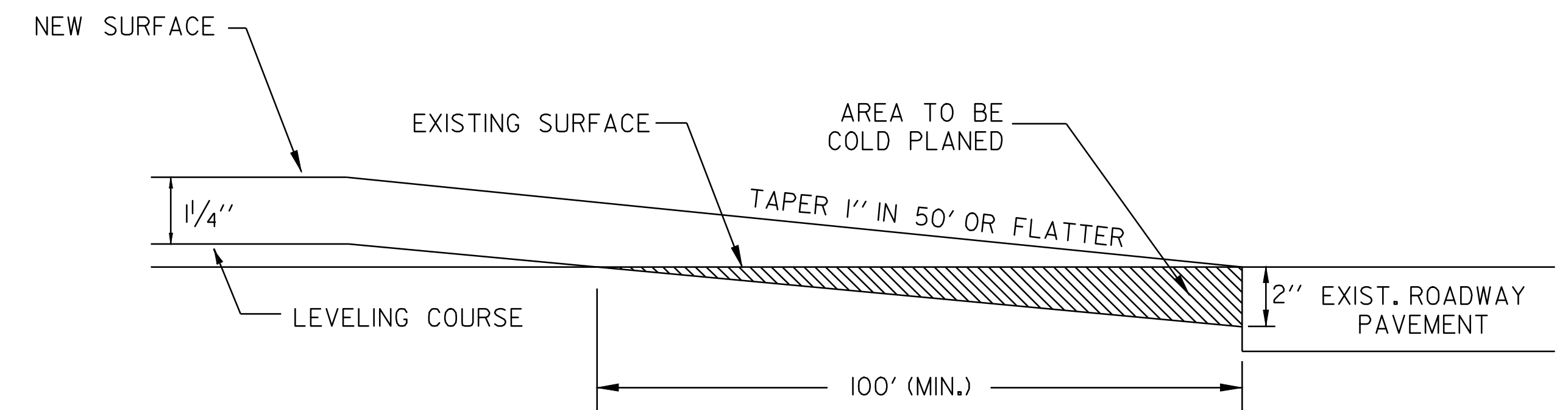
N.T.S.

WINOOSKI STA. 14+05 - BEGINNING OF PROJECT

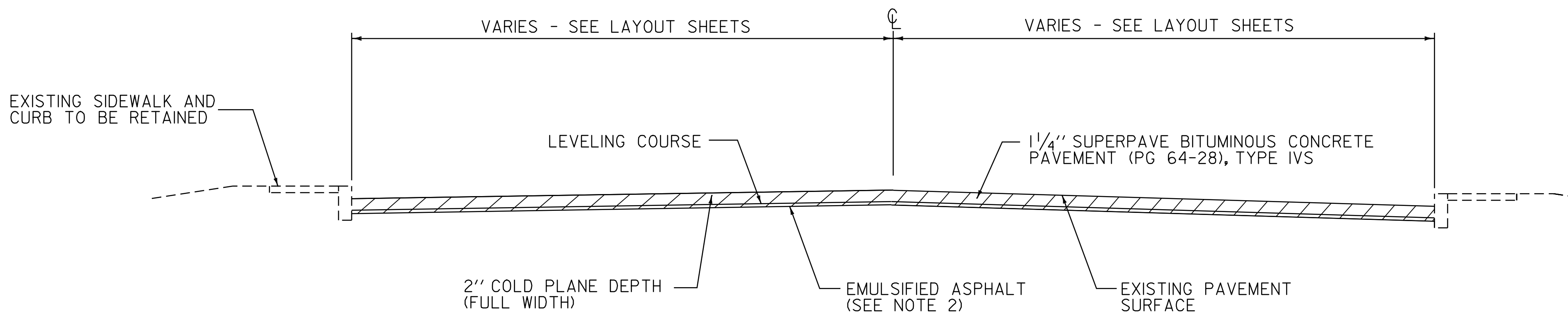


ASPHALTIC PLUG - TYPE JOINT DETAIL (BUTT JOINT)

STA. 14+05



-APPROACH AREA DETAIL- WINOOSKI STA 50+20 TO 51+20 (END PROJECT)



COLD PLANE TYPICAL SECTION - CURBED

U.S. ROUTE 7 WINOOSKI STA. 14+47 TO STA. 51+20

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN	END	LANE TYPICAL	WEARING DEPTH	LEVELING 3/4"	NOTES
WINOOSKI U.S. ROUTE 7	14+05	51+20	VARIES - SEE LAYOUT SHEETS	1/4"	3/4"	COLD PLANE 2", LEVEL WITH 3/4" TYPE IVS AND PAVE WITH 1 1/4" TYPE IVS

NTS

PROJECT TYPICAL SHEET

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 2 OF 23
IPARM NAME : p05d144typs01.i	

LOCATION			CURBED SIDEWALKS					DROP INLETS			GUARDRAIL							MISC.			REMARKS		
STATION	STATION	POS.	203.15 COMM. EXCAV.	301.28 SUBBASE OF CRUSHED GRAVEL (FINE GRADED) CY	616.21 VERTICAL GRANITE CURB LF	616.41 REMOVAL OF EXISTING CURB LF	618.10 PORT. CEM. CONC. SDWK. 5 '' SY	604.412 REHAB. D.I. CLASS I EA	604.42 CHANGE ELEVATION OF SMH EA	629.20 ADJUST ELEVATION OF VALVE BOX EA	621.20 STEEL BEAM G.R. LF	621.20 S.B. G.R. 8' POST) (MOD) LF	621.21 H.D. BEAM G.R. LF	621.505 M.T.S. EA	621.52 M.T.S. (TRAILING END TERMINAL) EA	621.60 ANCHOR FOR G.R. EA	621.75 REMOVE & RESET G.R. LF	621.80 REMOVE & DISP. G.R. LF	621.81 REMOVE & DISP. G.P. EA				
U.S. ROUTE 7			CY	CY	LF	LF	SY	EA	EA	EA	LF	LF	LF	EA	EA	EA	LF	LF	EA				
14+05	51+20	LT&RT	120	110	300	300	300																TO BE USED TO CONSTRUCT NEW SIDEWALK RAMPS
14+16		16' LT.																					
14+26		28' LT.																					
14+26		9' RT.																					
14+47		@ CURB																					
15+08		36' LT.																					
15+57		@ CURB																					
15+57		48' LT.																					
16+29		33' LT.																					
16+38		15' LT.																					
16+51		34' LT.																					
16+76		58' LT.																					
16+97		44' LT.																					
16+99		37' LT.																					
17+07		48' LT.																					
17+38		20' LT.																					
17+38		11' RT.																					
17+59		@ CURB																					
17+88		40' LT.																					
17+93		2' RT.																					GSO
18+89		34' LT.																					
18+96		@ CURB																					
19+42		35' LT.																					
20+21		36' LT.																					
20+24		44' LT.																					
20+65		34' LT.																					
20+73		37' LT.																					
20+84		18' RT.																					
20+95		55' LT.																					
21+02		@ CURB																					
21+02		19' RT.																					
21+02		14' LT.																					
21+07		27' LT.																					
21+14		9' RT.																					
21+19		19' RT.																					
21+28		24' LT.																					
21+46		@ CURB																					
21+46		48' LT.																					
23+27		@ CURB																					
23+54		48' LT.																					
24+39		24' LT.																					
24+98		@ CURB																					
25+08		48' LT.																					
26+47		48' LT.																					
26+53		@ CURB																					
27+96		24' LT.																					
27+99		@ CURB																					
28+16		48' LT.																					
28+28		24' LT.																					
28+32		50' LT.																					
28+59		48' LT.																					
28+59		17' LT.																					
28+60		19' LT.																					
28+88		8' RT.																					
28+91		16' LT.																					
29+09		17' LT.																					
29+23		@ CURB																					
29+52		48' LT.																					
30+47		24' LT.																					
30+51		48' LT.																					
30+87		@ CURB																					
32+56		@ CURB																					
32+70		48' LT.																					
33+25		20' LT.																					
33+42		20' LT.																					
33+51		24' LT.																					
33+51		13' LT.																					
33+56		17' RT.																					
SHEET 05 TOTALS								25	21	21													

**ITEM
DETAIL
SHEET 1**

PROJECT NAME: **WINOOSKI**
PROJECT NUMBER: **STP 2306(1)S**
FILE NAME: **/pave /05d144 /p05d144.dgn** PLOT DATE: 18-JAN-2008 11:43
PROJECT LEADER: **WOOLAVER** DRAWN BY: **WILDER**
IPARM NAME: **p05d144id01.i** CHECKED BY: **PAVT MGMT**
SHEET 5 OF 23

646.40 - DURABLE 4" WHITE LINE

(TYPE I, TAPE)
 14+91 - 15+70 (DIAGONALS) (775')
 15+15 - 15+78 (8' LT.)
 15+78 - 16+43 (40' LT.)
 17+10 - 17+39 (40' LT.)
 17+71 - 17+91 (40' LT.)
 18+34 (24' LT.) - 19+32 (20' LT.) (DOTTED LINE)
 18+42 - 18+68 (8' LT.)
 19+00 - 19+26 (8' LT.)
 19+32 (24' LT.) - 20+26 (20' LT.) (LANE LINE)
 19+62 - 20+00 (8' LT.)

646.60 - TEMPORARY 4" WHITE LINE

(PAINT)
 15+15 - 15+78 (8' LT.) (2 APPLICATIONS)
 15+78 - 16+43 (40' LT.) (2 APPLICATIONS)
 17+10 - 17+39 (40' LT.) (2 APPLICATIONS)
 17+71 - 17+91 (40' LT.) (2 APPLICATIONS)
 18+34 (24' LT.) - 19+32 (20' LT.) (DOTTED LINE) (2 APPLICATIONS)
 18+42 - 18+68 (8' LT.) (2 APPLICATIONS)
 19+00 - 19+26 (8' LT.) (2 APPLICATIONS)
 19+32 (24' LT.) - 20+26 (20' LT.) (LANE LINE) (2 APPLICATIONS)
 19+62 - 20+00 (8' LT.) (2 APPLICATIONS)

646.81 - PAINTED CURB

14+35 - 14+89 (0' LT) (54')
 16+02 - 16+40 (0' LT) (38')

646.50 - DURABLE LETTER OR SYMBOL

(THERMOPLASTIC)
 MANSION ST. (S,T,O,P)
 UNION ST. (S,T,O,P)
 PLATT ST. (S,T,O,P)
 19+35 (14' LT.)
 19+35 (26' LT.)
 19+74 (26' LT.) (O,N,L,Y)

646.70 - TEMPORARY LETTER OR SYMBOL

(PAINT)
 MANSION ST. (S,T,O,P) (2 APPLICATIONS)
 UNION ST. (S,T,O,P) (2 APPLICATIONS)
 PLATT ST. (S,T,O,P) (2 APPLICATIONS)
 19+35 (14' LT.) (2 APPLICATIONS)
 19+35 (26' LT.) (2 APPLICATIONS)

646.41 - DURABLE 4" YELLOW LINE

(TYPE I, TAPE)
 14+41 (32' LT.) - 15+05 (24' LT.) (DBL.)
 15+05 - 16+49 (24' LT.) (DBL.)
 16+89 - 17+06 (24' LT.) (DBL.)
 17+46 - 18+34 (24' LT.) (DBL.)
 18+34 (24' LT.) - 19+32 (34' LT.) (DBL.)
 19+32 - 20+00 (34' LT.) (DBL.)
 14+21 RT. 15' (MANSION ST.) (DBL.)
 16+69 LT. 35' (UNION ST.) (DBL.)
 17+26 RT. 17' (PLATT ST.) (DBL.)

646.61 - TEMPORARY 4" YELLOW LINE

(PAINT)
 14+41 (32' LT.) - 15+05 (24' LT.) (DBL.) (2 APPLICATIONS)
 15+05 - 16+49 (24' LT.) (DBL.)
 16+89 - 17+06 (24' LT.) (DBL.) (2 APPLICATIONS)
 17+46 - 18+34 (24' LT.) (DBL.) (2 APPLICATIONS)
 18+34 (24' LT.) - 19+32 (34' LT.) (DBL.) (2 APPLICATIONS)
 19+32 - 20+00 (34' LT.) (DBL.) (2 APPLICATIONS)
 14+21 RT. 15' (MANSION ST.) (DBL.) (2 APPLICATIONS)
 16+69 LT. 35' (UNION ST.) (DBL.) (2 APPLICATIONS)
 17+26 RT. 17' (PLATT ST.) (DBL.) (2 APPLICATIONS)

646.46 - DURABLE 24" WHITE LINE

(THERMOPLASTIC)
 MANSION ST. (15')
 UNION ST. (15')
 PLATT ST. (16')

646.66 - TEMPORARY 24" WHITE LINE

(PAINT)
 MANSION ST. (15') (2 APPLICATIONS)
 UNION ST. (15') (2 APPLICATIONS)
 PLATT ST. (16') (2 APPLICATIONS)

618.10 - PORTLAND CEMENT CONCRETE SIDEWALK, 5" (MOD.)

14+00 RT - 14.55 SY
 14+38 RT - 7.56 SY
 16+55.5 LT - 15 SY
 16+82.5 LT - 13.89 SY
 17+02 RT - 13.78 SY
 17+40 RT - 16.45 SY

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES (MOD.)

(THERMOPLASTIC)
 MANSION ST. (33')
 UNION ST. (33')
 PLATT ST. (35')

646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES (MOD.)

(PAINT)
 MANSION ST. (33') (2 APPLICATIONS)
 UNION ST. (33') (2 APPLICATIONS)
 PLATT ST. (35') (2 APPLICATIONS)

675.50 REMOVING SIGNS

AS SHOWN - 12

516.10 BRIDGE EXPANSION JOINT

14+05 (48')

604.412 - REHABING DI,CB OR MH

14+47 - @ CURB RT (DI)
 15+57 - @ CURB RT (DI)
 15+57 - 48' LT (DI)
 17+07 - 48' LT (DI)
 17+59 - @ CURB RT (DI)
 18+96 - @ CURB RT (DI)
 18+98 LT (DI)
 14+30 LT

629.20 - ADJUST ELEVATION OF VALVE BOXES

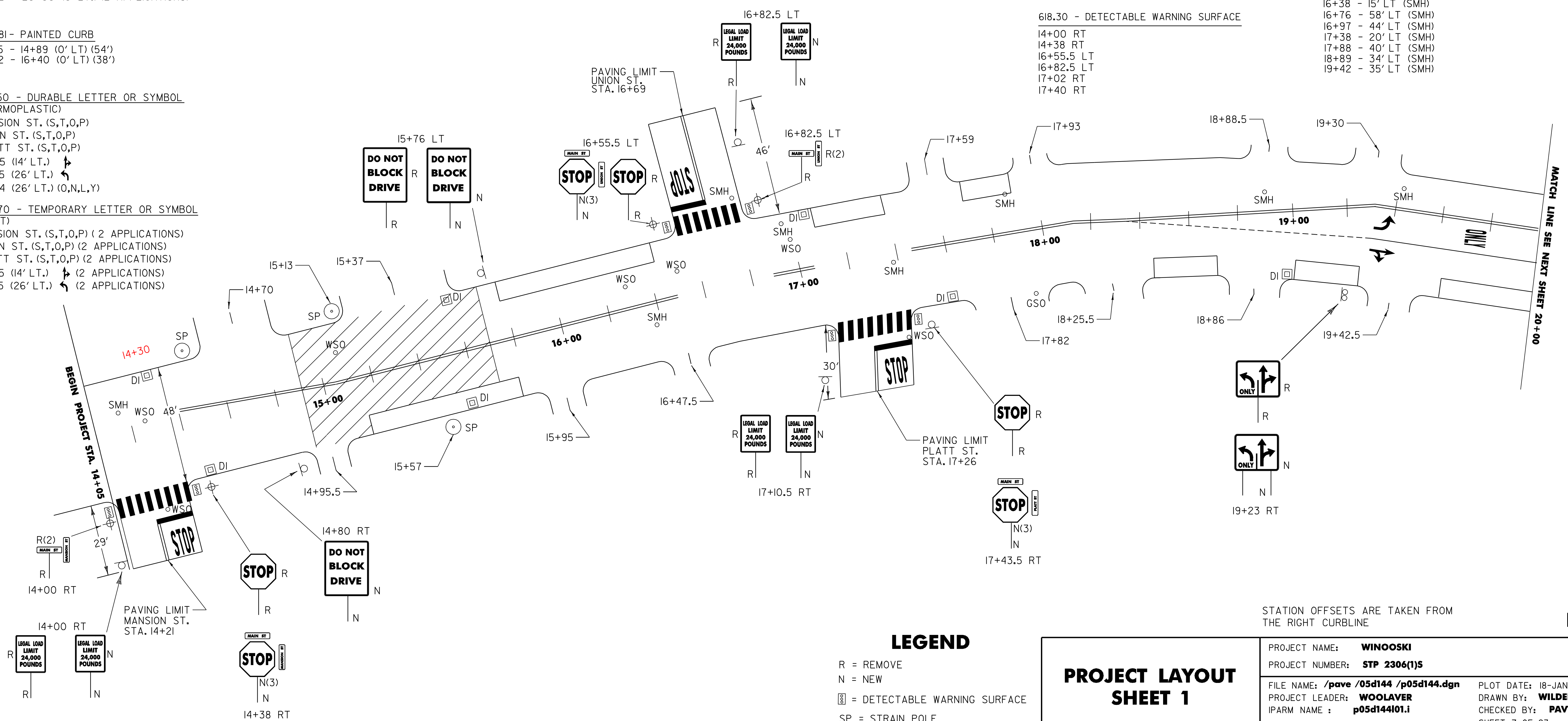
14+26 - 28' LT (WSO)
 14+26 - 9' RT (WSO)
 15+08 - 36' LT (WSO)
 16+29 - 33' LT (WSO)
 16+51 - 34' LT (WSO)
 16+99 - 37' LT (WSO)
 17+38 - 11' RT (WSO)
 17+93 - 2' RT (GSO)

618.30 - DETECTABLE WARNING SURFACE

14+00 RT
 14+38 RT
 16+55.5 LT
 16+82.5 LT
 17+02 RT
 17+40 RT

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

14+16 - 16' LT (SMH)
 16+38 - 15' LT (SMH)
 16+76 - 58' LT (SMH)
 16+97 - 44' LT (SMH)
 17+38 - 20' LT (SMH)
 17+88 - 40' LT (SMH)
 18+89 - 34' LT (SMH)
 19+42 - 35' LT (SMH)



LEGEND

- R = REMOVE
- N = NEW
- [Symbol] = DETECTABLE WARNING SURFACE
- SP = STRAIN POLE

PROJECT LAYOUT SHEET 1

STATION OFFSETS ARE TAKEN FROM THE RIGHT CURBLINE

NTS

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 7 OF 23
IPARM NAME : p05d144i01.i	

646.40 - DURABLE 4" WHITE LINE (TYPE I, TAPE)

- 20+00 - 20+80 (8' LT.)
- 20+00 - 20+80 (DIAGONALS)
- 20+93 (W. SPRING ST.)(LANE LINE)(66')
- 21+04 (E. SPRING ST.)(LANE LINE)(68')
- 21+23 - 22+41 RT. (8' LT.)
- 21+49 - 22+47 (LANE LINE) (32' LT.)
- 22+23 - 22+01 (DIAGONALS)
- 22+47 (32' LT.) - 23+47 (24' LT.) (DOTTED LINE)
- 23+09 - 23+49 (8' LT.)
- 23+73 - 24+13 (8' LT.)
- 24+07 - 24+28 (40' LT.)
- 24+46 - 24+68 (8' LT.)
- 24+57 - 24+78 (40' LT.)
- 25+04 - 25+26 (8' LT.)
- 25+11 - 25+34 (40' LT.)
- 25+62 - 25+84 (8' LT.)
- 25+69 - 25+90 (40' LT.)
- 25+69 - 25+90 (40' LT.)

646.41 - DURABLE 4" YELLOW LINE (TYPE I, TAPE)

- 20+00 - 20+31 (34' LT.) (DBL.)
- 21+86 - 22+48 (20' LT.) (DBL.)
- 22+48 (20' LT.) - 23+46 (24' LT.) (DBL.)
- 23+46 - 26+00 (24' LT.) (DBL.)
- WEST SPRING ST. (66') (DBL.)
- EAST SPRING ST. (68') (DBL.)

646.61 - TEMPORARY 4" YELLOW LINE (PAINT)

- 20+00 - 20+31 (34' LT.) (DBL.) (2 APPLICATIONS)
- 21+86 - 22+48 (20' LT.) (DBL.) (2 APPLICATIONS)
- 22+48 (20' LT.) - 23+46 (24' LT.) (DBL.) (2 APPLICATIONS)
- 23+46 - 26+00 (24' LT.) (DBL.) (2 APPLICATIONS)
- WEST SPRING ST. (66') (DBL.) (2 APPLICATIONS)
- EAST SPRING ST. (68') (DBL.) (2 APPLICATIONS)

646.46 - DURABLE 24" WHITE LINE (THERMOPLASTIC)

- 20+31 (24')
- 21+48 (12')
- 21+86 (12')
- WEST SPRING ST. (24')
- EAST SPRING ST. (23')

646.66 - TEMPORARY 24" WHITE LINE (PAINT)

- 20+31 (24') (2 APPLICATIONS)
- 21+48 (12') (2 APPLICATIONS)
- 21+86 (12') (2 APPLICATIONS)
- WEST SPRING ST. (24') (2 APPLICATIONS)
- EAST SPRING ST. (23') (2 APPLICATIONS)

675.50 REMOVING SIGNS

AS SHOWN - 3

646.50 DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

- 20+21 (14' LT.) (1 EA.) ↶
- 20+21 (26' LT.) (2 EA.) ↷
- 21+79 (38' LT.) (2 EA.) ↷
- 21+94 (26' LT.) (1 EA.) ↶
- 22+31 (4' LT.) (1 EA.) &
- 22+45 (26' LT.) (1 EA.) ↶
- 22+45 (38' LT.) (2 EA.) ↷
- WEST SPRING ST. (4 EA.) ↷
- WEST SPRING ST. (4 EA.) ↶
- EAST SPRING ST. (4 EA.) ↷
- EAST SPRING ST. (1 EA.) ↶
- EAST SPRING ST. (4 EA.) ↷

646.70 TEMPORARY LETTERS OR SYMBOLS (PAINT)

- 20+21 (14' LT.) (1 EA.) ↶ (2 APPLICATIONS)
- 20+21 (26' LT.) (2 EA.) ↷ (2 APPLICATIONS)
- 21+79 (38' LT.) (2 EA.) ↷ (2 APPLICATIONS)
- 21+94 (26' LT.) (1 EA.) ↶ (2 APPLICATIONS)
- 22+31 (4' LT.) (1 EA.) & (2 APPLICATIONS)
- 22+45 (26' LT.) (1 EA.) ↶ (2 APPLICATIONS)
- 22+45 (38' LT.) (2 EA.) ↷ (2 APPLICATIONS)
- WEST SPRING ST. (4 EA.) ↷ (2 APPLICATIONS)
- WEST SPRING ST. (4 EA.) ↶ (2 APPLICATIONS)
- EAST SPRING ST. (4 EA.) ↷ (2 APPLICATIONS)
- EAST SPRING ST. (1 EA.) ↶ (2 APPLICATIONS)

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES (MOD.) (THERMOPLASTIC)

- 21+18 (48')
 - WEST SPRING ST. (40')
 - EAST SPRING ST. (40')
- 646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES (MOD.) (PAINT)**
- 21+18 (48') (2 APPLICATIONS)
 - WEST SPRING ST. (40') (2 APPLICATIONS)
 - EAST SPRING ST. (40') (2 APPLICATIONS)

604.42 - REHABING DI, CB OR MH

- 20+84 - 18' RT (DI)
- 21+19 - 19' RT (DI)
- 21+46 - @ CURB RT (DI)
- 21+46 - 48' LT (DI)
- 23+27 - @ CURB RT (DI)
- 23+54 - 48' LT (DI)
- 24+98 - @ CURB RT (DI)
- 25+08 - 48' LT (DI)

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

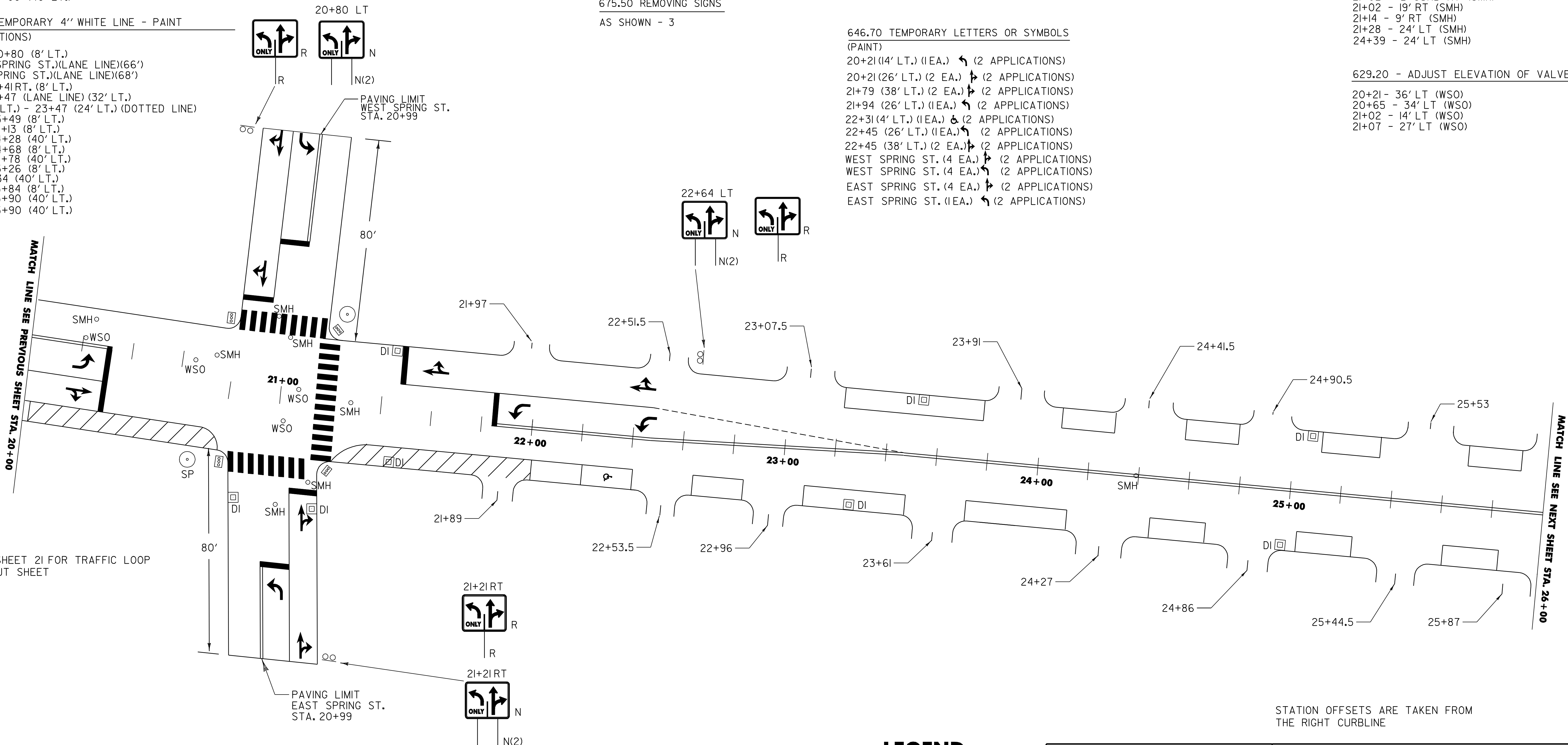
- 20+24 - 44' LT (SMH)
- 20+73 - 37' LT (SMH)
- 20+95 - 55' LT (SMH)
- 21+02 - @ CURB RT (SMH)
- 21+02 - 19' RT (SMH)
- 21+14 - 9' RT (SMH)
- 21+28 - 24' LT (SMH)
- 24+39 - 24' LT (SMH)

629.20 - ADJUST ELEVATION OF VALVE BOXES

- 20+21 - 36' LT (WSO)
- 20+65 - 34' LT (WSO)
- 21+02 - 14' LT (WSO)
- 21+07 - 27' LT (WSO)

646.60 - TEMPORARY 4" WHITE LINE - PAINT (2 APPLICATIONS)

- 20+00 - 20+80 (8' LT.)
- 20+93 (W. SPRING ST.)(LANE LINE)(66')
- 21+04 (E. SPRING ST.)(LANE LINE)(68')
- 21+23 - 22+41 RT. (8' LT.)
- 21+49 - 22+47 (LANE LINE) (32' LT.)
- 22+47 (32' LT.) - 23+47 (24' LT.) (DOTTED LINE)
- 23+09 - 23+49 (8' LT.)
- 23+73 - 24+13 (8' LT.)
- 24+07 - 24+28 (40' LT.)
- 24+46 - 24+68 (8' LT.)
- 24+57 - 24+78 (40' LT.)
- 25+04 - 25+26 (8' LT.)
- 25+11 - 25+34 (40' LT.)
- 25+62 - 25+84 (8' LT.)
- 25+69 - 25+90 (40' LT.)
- 25+69 - 25+90 (40' LT.)



SEE SHEET 21 FOR TRAFFIC LOOP LAYOUT SHEET

STATION OFFSETS ARE TAKEN FROM THE RIGHT CURBLINE

LEGEND

- R = REMOVE
- N = NEW
- ☒ = DETECTABLE WARNING SURFACE
- SP = STRAIN POLE

PROJECT LAYOUT SHEET 2

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 8 OF 23
IPARM NAME: p05d144i02.i	

NTS

646.40 - DURABLE 4" WHITE LINE

(TYPE I, TAPE)
 26+15 - 26+77 (8' LT.)
 26+19 - 26+59 (40' LT.)
 27+11 - 27+33 (8' LT.)
 27+67 - 27+88 (8' LT.)
 29+68 - 29+97 (40' LT.)
 30+16 - 31+94 (8' LT.)
 30+84 - 31+24 (40' LT.)
 31+87 - 32+00 (40' LT.)

646.60 - TEMPORARY 4" WHITE LINE

(PAINT)
 26+15 - 26+77 (8' LT.) (2 APPLICATIONS)
 26+19 - 26+59 (40' LT.) (2 APPLICATIONS)
 27+11 - 27+33 (8' LT.) (2 APPLICATIONS)
 27+67 - 27+88 (8' LT.) (2 APPLICATIONS)
 29+68 - 29+97 (40' LT.) (2 APPLICATIONS)
 30+16 - 31+94 (8' LT.) (2 APPLICATIONS)
 30+84 - 31+24 (40' LT.) (2 APPLICATIONS)
 31+87 - 32+00 (40' LT.) (2 APPLICATIONS)

646.81 - PAINTED CURB

28+20 - 28+60 (0' LT) (40')

646.41- DURABLE 4" YELLOW LINE

(TYPE I, TAPE)
 26+00 - 28+01 (24' LT.) (DBL.)
 28+41 - 28+48 (24' LT.) (DBL.)
 28+56 - 28+66 (24' LT.) (DBL.)
 29+06 - 32+00 (24' LT.) (DBL.)
 STEVENS ST. (18') (DBL.)
 LAFOUNTAIN ST. (26') (DBL.)

646.61- TEMPORARY 4" YELLOW LINE

(PAINT)
 26+00 - 28+01 (24' LT.) (DBL.) (2 APPLICATIONS)
 28+41 - 28+48 (24' LT.) (DBL.) (2 APPLICATIONS)
 28+56 - 28+66 (24' LT.) (DBL.) (2 APPLICATIONS)
 29+06 - 32+00 (24' LT.) (DBL.) (2 APPLICATIONS)
 STEVENS ST. (18') (DBL.) (2 APPLICATIONS)
 LAFOUNTAIN ST. (26') (DBL.) (2 APPLICATIONS)

618.10 - PORTLAND CEMENT CONCRETE SIDEWALK, 5" (MOD.)

28+07 LT - 6.22 SY
 28+35 LT - 11.12 SY
 28+70 RT - 21.11 SY
 29+03 RT - 7.11 SY

618.30 - DETECTABLE WARNING SURFACE

28+07 LT
 28+35 LT
 28+70 RT
 29+03 RT

646.46 - DURABLE 24" WHITE LINE

(THERMOPLASTIC)
 STEVENS ST. (15')
 LAFOUNTAIN ST. (16')

646.66 - TEMPORARY 24" WHITE LINE

(PAINT)
 STEVENS ST. (15') (2 APPLICATIONS)
 LAFOUNTAIN ST. (16') (2 APPLICATIONS)

646.50 DURABLE LETTER OR SYMBOL

(THERMOPLASTIC)
 STEVENS ST. (S,T,O,P) (4 EA.)
 LAFOUNTAIN ST. (S,T,O,P) (4 EA.)
 28+31 (4' LT.) (B,U,S) (3 EA.)
 28+49 (4' LT.) (O,N,L,Y) (4 EA.)

646.70 TEMPORARY LETTERS OR SYMBOLS

(PAINT)
 STEVENS ST. (S,T,O,P) (4 EA.) (2 APPLICATIONS)
 LAFOUNTAIN ST. (S,T,O,P) (4 EA.) (2 APPLICATIONS)
 28+31 (4' LT.) (B,U,S) (3 EA.) (2 APPLICATIONS)
 28+49 (4' LT.) (O,N,L,Y) (4 EA.) (2 APPLICATIONS)

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES (MOD.)

(THERMOPLASTIC)
 28+51 (48')
 STEVENS ST. (33')
 LAFOUNTAIN ST. (37')

646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES (MOD.)

(PAINT)
 28+51 (48') (2 APPLICATIONS)
 STEVENS ST. (33') (2 APPLICATIONS)
 LAFOUNTAIN ST. (37') (2 APPLICATIONS)

675.60 ERECTING SALVAGED SIGNS

AS SHOWN - 1

675.50 REMOVING SIGNS

AS SHOWN - 10

604.412 - REHABING DI, CB OR MH

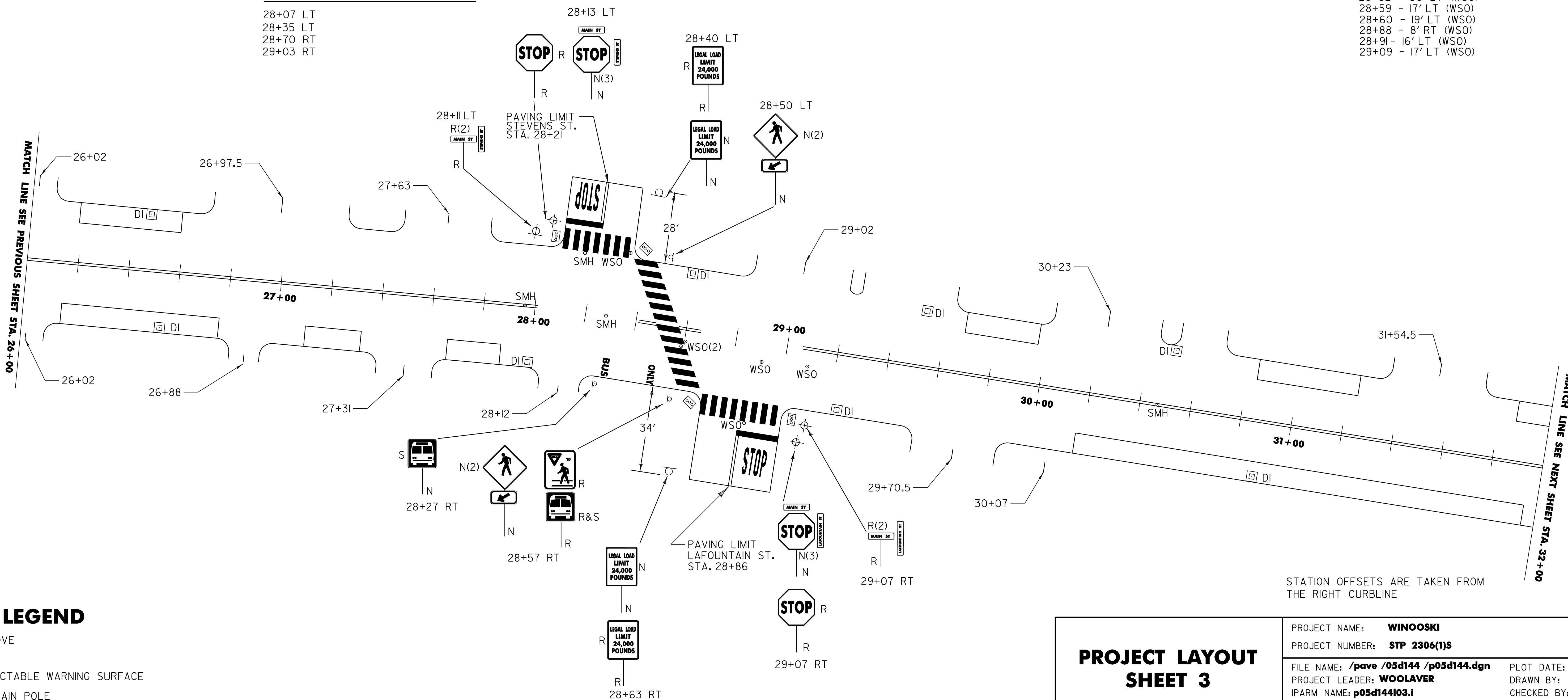
26+47 - 48' LT (DI)
 26+53 - @ CURB RT (DI)
 27+99 - @ CURB RT (DI)
 28+59 - 48' LT (DI)
 29+23 - @ CURB RT (DI)
 29+52 - 48' LT (DI)
 30+51 - 48' LT (DI)
 30+87 - @ CURB RT (DI)

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

27+96 - 24' LT (SMH)
 28+16 - 48' LT (SMH)
 28+24 - 24' LT (SMH)
 30+47 - 24' LT (SMH)

629.20 - ADJUST ELEVATION OF VALVE BOXES

28+32 - 50' LT (WSO)
 28+59 - 17' LT (WSO)
 28+60 - 19' LT (WSO)
 28+88 - 8' RT (WSO)
 28+91 - 16' LT (WSO)
 29+09 - 17' LT (WSO)



LEGEND

R = REMOVE
 N = NEW
 = DETECTABLE WARNING SURFACE
 SP = STRAIN POLE

PROJECT LAYOUT SHEET 3

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 9 OF 23
IPARM NAME: p05d144i03.i	

NTS

646.40 - DURABLE 4" WHITE LINE
(TYPE I, TAPE)

32+00 - 32+08 (40' LT.)
32+54 - 35+40 (40' LT.)
34+88 - 35+72 (8' LT.)
36+15 - 37+01 (40' LT.)
36+34 - 38+00 (8' LT.)
37+25 - 38+00 (40' LT.)

646.60 - TEMPORARY 4" WHITE LINE
(PAINT)

32+00 - 32+08 (40' LT.) (2 APPLICATIONS)
32+54 - 35+40 (40' LT.) (2 APPLICATIONS)
34+88 - 35+72 (8' LT.) (2 APPLICATIONS)
36+15 - 37+01 (40' LT.) (2 APPLICATIONS)
36+34 - 38+00 (8' LT.) (2 APPLICATIONS)
37+25 - 38+00 (40' LT.) (2 APPLICATIONS)

646.81 - PAINTED CURB

33+60 - 34+60 (0' LT) (100')

646.41 - DURABLE 4" YELLOW LINE
(TYPE I, TAPE)

32+00 - 32+13 (24' LT.) (DBL.)
32+21 - 33+19 (24' LT.) (DBL.)
33+59 - 35+92 (24' LT.) (DBL.)
36+00 - 38+00 (24' LT.) (DBL.)
BURLINGTON ST. (16') (DBL.)

646.61 - TEMPORARY 4" YELLOW LINE
(PAINT)

32+00 - 32+13 (24' LT.) (DBL.) (2 APPLICATIONS)
32+21 - 33+19 (24' LT.) (DBL.) (2 APPLICATIONS)
33+59 - 35+92 (24' LT.) (DBL.) (2 APPLICATIONS)
36+00 - 38+00 (24' LT.) (DBL.) (2 APPLICATIONS)
BURLINGTON ST. (16') (DBL.) (2 APPLICATIONS)

618.10 - PORTLAND CEMENT CONCRETE SIDEWALK, 5" (MOD.)

32+16 LT. - 15.56 SY
32+16 RT. - 8.89 SY
33+23 RT. - 3.56 SY
33+60 RT. - 2.78 SY
35+93 LT. - 7.11 SY
36+00 RT. - 7.11 SY

618.30 - DETECTABLE WARNING SURFACE

32+16 LT
32+16 RT
33+23 RT
33+60 RT
35+93 LT.
36+00 RT.

646.46 - DURABLE 24" WHITE LINE
(THERMOPLASTIC)

BURLINGTON ST. (18')

646.66 - TEMPORARY 24" WHITE LINE
(PAINT)

BURLINGTON ST. (18') (2 APPLICATIONS)

646.50 DURABLE LETTER OR SYMBOL
(THERMOPLASTIC)

BURLINGTON ST. (S,T,O,P) (4 EA.)
34+00 (4' LT.) (B,U,S) (3 EA.)
34+18 (4' LT.) (S,T,O,P) (4 EA.)

646.70 TEMPORARY LETTERS OR SYMBOLS
(PAINT)

BURLINGTON ST. (S,T,O,P) (4 EA.) (2 APPLICATIONS)
34+00 (4' LT.) (B,U,S) (3 EA.) (2 APPLICATIONS)
34+18 (4' LT.) (S,T,O,P) (4 EA.) (2 APPLICATIONS)

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES (MOD.)
(THERMOPLASTIC)

~~32+17 (48')~~
~~35+96 (48')~~
BURLINGTON ST. (40')

646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES (MOD.)
(PAINT)

32+17 (48') (2 APPLICATIONS)
35+96 (48') (2 APPLICATIONS)
BURLINGTON ST. (40') (2 APPLICATIONS)

675.50 REMOVING SIGNS
AS SHOWN - 4

604.412 - REHABING DI, CB OR MH

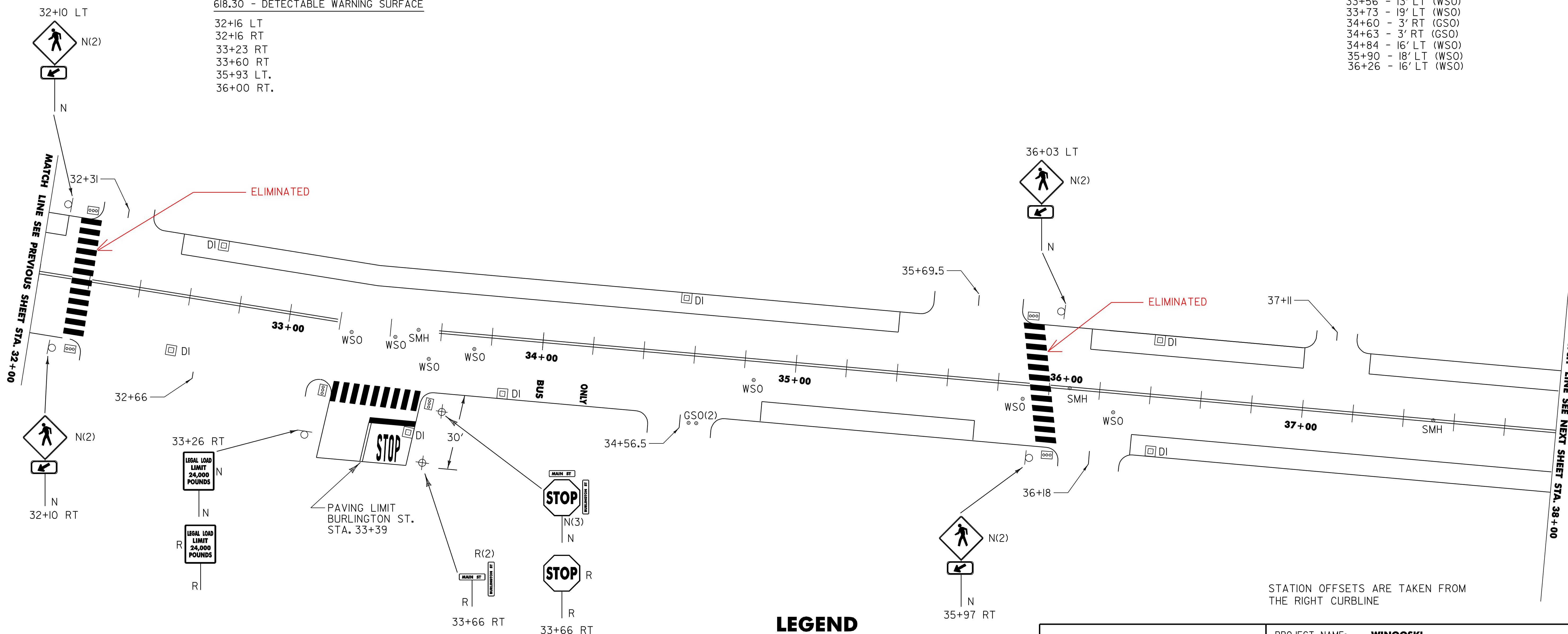
32+56 - @ CURB RT (DI)
32+70 - 48' LT (DI)
33+51 - 17' RT (DI)
33+85 - @ CURB RT (DI)
34+55 - 48' LT (DI)
36+42 - @ CURB RT (DI)
36+42 - 48' LT (DI)

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

33+51 - 24' LT (SMH)
36+08 - 24' LT (SMH)
37+52 - 24' LT (SMH)

629.20 - ADJUST ELEVATION OF VALVE BOXES

33+42 - 20' LT (WSO)
33+25 - 20' LT (WSO)
33+56 - 13' LT (WSO)
33+73 - 19' LT (WSO)
34+60 - 3' RT (GSO)
34+63 - 3' RT (GSO)
34+84 - 16' LT (WSO)
35+90 - 18' LT (WSO)
36+26 - 16' LT (WSO)



LEGEND

- R = REMOVE
- N = NEW
- [Symbol] = DETECTABLE WARNING SURFACE
- SP = STRAIN POLE

PROJECT LAYOUT SHEET 4

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 10 OF 23
IPARM NAME: p05d144104.i	

NTS

646.40 - DURABLE 4" WHITE LINE

(TYPE I, TAPE)
 38+00 - 38+32 (40' LT.)
 38+00 - 38+14 (8' LT.)
 38+36 - 38+56 (8' LT.)
 38+75 - 39+32 (40' LT.)
 39+92 - 40+38 (40' LT.)
 41+00 - 41+23 (8' LT.)
 41+27 - 41+66 (40' LT.)
 41+52 - 41+77 (8' LT.)
 42+05 - 41+45 (8' LT.)
 42+17 - 42+37 (40' LT.)
 42+73 - 43+20 (8' LT.)
 42+82 - 43+60 (40' LT.)

646.60 - TEMPORARY 4" WHITE LINE

(PAINT)
 38+00 - 38+32 (40' LT.) (2 APPLICATIONS)
 38+00 - 38+14 (8' LT.) (2 APPLICATIONS)
 38+36 - 38+56 (8' LT.) (2 APPLICATIONS)
 38+75 - 39+32 (40' LT.) (2 APPLICATIONS)
 39+92 - 40+38 (40' LT.) (2 APPLICATIONS)
 41+00 - 41+23 (8' LT.) (2 APPLICATIONS)
 41+27 - 41+66 (40' LT.) (2 APPLICATIONS)
 41+52 - 41+77 (8' LT.) (2 APPLICATIONS)
 42+05 - 41+45 (8' LT.) (2 APPLICATIONS)
 42+17 - 42+37 (40' LT.) (2 APPLICATIONS)
 42+73 - 43+20 (8' LT.) (2 APPLICATIONS)
 42+82 - 43+60 (40' LT.) (2 APPLICATIONS)

646.41 - DURABLE 4" YELLOW LINE

(TYPE I, TAPE)
 35+00 - 39+35 (24' LT.) (DBL.)
 39+75 - 43+60 (24' LT.) (DBL.)
 BELLEVUE ST. (15') (DBL.)

646.61 - TEMPORARY 4" YELLOW LINE
 (PAINT)
 35+00 - 39+35 (24' LT.) (DBL.) (2 APPLICATIONS)
 39+75 - 43+60 (24' LT.) (DBL.) (2 APPLICATIONS)
 BELLEVUE ST. (15') (DBL.) (2 APPLICATIONS)

646.43 - DURABLE 8" YELLOW LINE

(TYPE I, TAPE)
 42+89 - 43+60 (DIAG.)

618.10 - PORTLAND CEMENT CONCRETE PAVEMENT, 5" (MOD.)

39+40 RT - 5.78 SY
 39+82 RT - 14.33 SY

618.30 - DETECTABLE WARNING SURFACE

39+40 RT
 39+82 RT

646.46 - DURABLE 24" WHITE LINE

(THERMOPLASTIC)
 BELLEVUE ST. (18')

646.66 - TEMPORARY 24" WHITE LINE

(PAINT)
 BELLEVUE ST. (18') (2 APPLICATIONS)

646.81 - PAINTED CURB

38+80 - 39+40 (0' LT) (60')

646.50 DURABLE LETTER OR SYMBOL

(THERMOPLASTIC)
 BELLEVUE ST. (S,T,O,P) (4 EA.)
 39+00 (4' LT.) (B,U,S) (3 EA.)
 39+18 (4' LT.) (O,N,L,Y) (4 EA.)

646.70 TEMPORARY LETTERS OR SYMBOLS

(PAINT)
 BELLEVUE ST. (S,T,O,P) (4 EA.) (2 APPLICATIONS)
 39+00 (4' LT.) (B,U,S) (3 EA.) (2 APPLICATIONS)
 39+18 (4' LT.) (O,N,L,Y) (4 EA.) (2 APPLICATIONS)

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES (MOD.)

(THERMOPLASTIC)
 BELLEVUE ST. (39')

646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES (MOD.)

(PAINT)
 BELLEVUE ST. (39') (2 APPLICATIONS)

675.50 REMOVING SIGNS

AS SHOWN - 6

604.412 - REHABING DI, CB OR MH

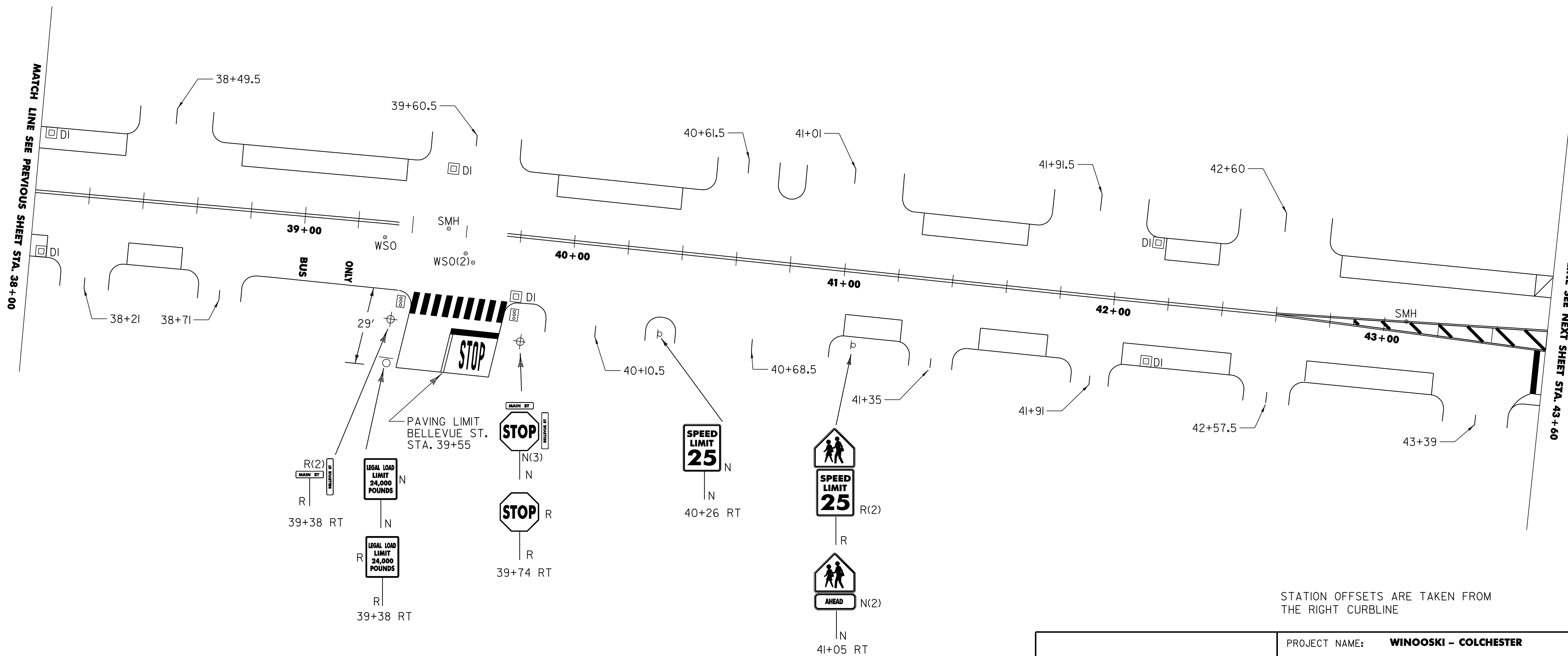
38+04 - @ CURB RT (DI)
 38+04 - 48' LT (DI)
 39+53 - 48' LT (DI)
 39+87 - @ CURB RT (DI)
 42+14 - @ CURB RT (DI)
 42+14 - 48' LT (DI)

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

39+53 - 24' LT (SMH)
 43+08 - 26' LT (SMH)
 43+89 - 28' LT (SMH)

629.20 - ADJUST ELEVATION OF VALVE BOXES

39+30 - 19' LT (WSO)
 39+58 - 16' LT (WSO)
 39+65 - 13' LT (WSO)



LEGEND

R = REMOVE
 N = NEW
 = DETECTABLE WARNING SURFACE
 SP = STRAIN POLE

PROJECT LAYOUT SHEET 5

PROJECT NAME: WINOOSKI - COLCHESTER	PLOT DATE: 18-JAN-2008 11:43
PROJECT NUMBER: STP 2307(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 11 OF 23
IPARM NAME: p05d144i05.i	

NTS

STATION OFFSETS ARE TAKEN FROM THE RIGHT CURBLINE

646.40 - DURABLE 4" WHITE LINE
(TYPE I, TAPE)

43+60 - 43+85 (4' LT.)
43+96 - 44+38 (DIAGONALS) (208')
44+38 - 49+20 (4' LT.)
43+60 - 46+00 (40' LT.)
43+60 - 46+00 (DIAGONALS) (40' LT.)
45+58 - 45+12 (28' LT.) (LANE LINE)
45+12 - 45+40 (28' LT.) (DOTTED LINE)
45+12 - 45+40 (16' LT.) (DOTTED LINE)
45+40 - 46+00 (16' LT.) (LANE LINE)
46+40 - 46+63 (40' LT.)
47+26 - 48+07 (40' LT.)
48+66 - 49+20 (40' LT.)

646.60 - TEMPORARY 4" WHITE LINE
(PAINT)

43+60 - 43+85 (4' LT.) (2 APPLICATIONS)
44+38 - 49+20 (4' LT.) (2 APPLICATIONS)
43+60 - 46+00 (40' LT.) (2 APPLICATIONS)
45+58 - 45+12 (28' LT.) (LANE LINE) (2 APPLICATIONS)
45+12 - 45+40 (28' LT.) (DOTTED LINE) (2 APPLICATIONS)
45+12 - 45+40 (16' LT.) (DOTTED LINE) (2 APPLICATIONS)
45+40 - 46+00 (16' LT.) (LANE LINE) (2 APPLICATIONS)
46+40 - 46+63 (40' LT.) (2 APPLICATIONS)
47+26 - 48+07 (40' LT.) (2 APPLICATIONS)
48+66 - 49+20 (40' LT.) (2 APPLICATIONS)

646.41 - DURABLE 4" YELLOW LINE
(TYPE I, TAPE)

43+60 - 43+79 (16' LT.) (DBL.)
43+60 - 43+79 (28' LT.) (DBL.)
44+58 - 45+12 (15' LT.) (DBL.)
45+12 (15' LT.) - 45+42 (27' LT.) (DBL.)
45+42 - 45+97 (27' LT.) (DBL.)
46+00 (28' LT.) - 46+70 (16' LT.) (DOTTED)
46+70 - 49+20 (16' LT.) (DBL.)

646.61 - TEMPORARY 4" YELLOW LINE
(PAINT)

43+60 - 43+79 (16' LT.) (DBL.) (2 APPLICATIONS)
43+60 - 43+79 (28' LT.) (DBL.) (2 APPLICATIONS)
44+58 - 45+12 (15' LT.) (DBL.) (2 APPLICATIONS)
45+12 (15' LT.) - 45+42 (27' LT.) (DBL.) (2 APPLICATIONS)
45+42 - 45+97 (27' LT.) (DBL.) (2 APPLICATIONS)
46+00 (28' LT.) - 46+70 (16' LT.) (DOTTED) (2 APPLICATIONS)
46+70 - 49+20 (16' LT.) (DBL.) (2 APPLICATIONS)

646.43 - DURABLE 8" YELLOW LINE
(TYPE I, TAPE)

43+60 - 43+79 (DIAG.)

646.46 - DURABLE 24" WHITE LINE
(THERMOPLASTIC)

44+57 (24')
45+98 (28')
46+71 (24')
TIGAN ST. (17')

646.66 - TEMPORARY 24" WHITE LINE
(PAINT)

44+57 (24') (2 APPLICATIONS)
45+98 (28') (2 APPLICATIONS)
46+71 (24') (2 APPLICATIONS)
TIGAN ST. (17') (2 APPLICATIONS)

646.70 TEMPORARY LETTERS OR SYMBOLS
(PAINT)

45+08 (21' LT.) (2 APPLICATIONS)
45+46 (21' LT.) (2 APPLICATIONS)
46+80 (34' LT.) (2 APPLICATIONS)
46+80 (22' LT.) (2 APPLICATIONS)
48+24 (34' LT.) (2 APPLICATIONS)
48+24 (22' LT.) (2 APPLICATIONS)

646.50 DURABLE LETTER OR SYMBOL
(THERMOPLASTIC)

45+08 (21' LT.) (2 APPLICATIONS)
45+46 (21' LT.) (2 APPLICATIONS)
46+80 (34' LT.) (2 APPLICATIONS)
46+80 (22' LT.) (2 APPLICATIONS)

646.51 DURABLE CROSSWALK MARKING W/DIAG. LINES
(MOD.) (THERMOPLASTIC)

46+56 (48')
TIGAN ST. (37')

646.71 TEMPORARY CROSSWALK MARKING W/DIAG LINES
(MOD.) (PAINT)

46+56 (48') (2 APPLICATIONS)
TIGAN ST. (37') (2 APPLICATIONS)

618.10 - PORTLAND CEMENT CONCRETE SIDEWALK, 5' (MOD.)

43+85 LT. - 13.55 SY
43+95 RT. - 15.66 SY
44+40 RT. - 14.22 SY
45+96 LT. - 6.22 SY
46+40 LT. - 20 SY
46+56 RT. - 8.34 SY

618.30 - DETECTABLE WARNING SURFACE

43+85 LT.
43+95 RT.
44+40 RT.
45+96 LT.
46+40 LT.
46+56 RT.

675.50 REMOVING SIGNS
AS SHOWN - 28

604.412 - REHABING DI, CB OR MH

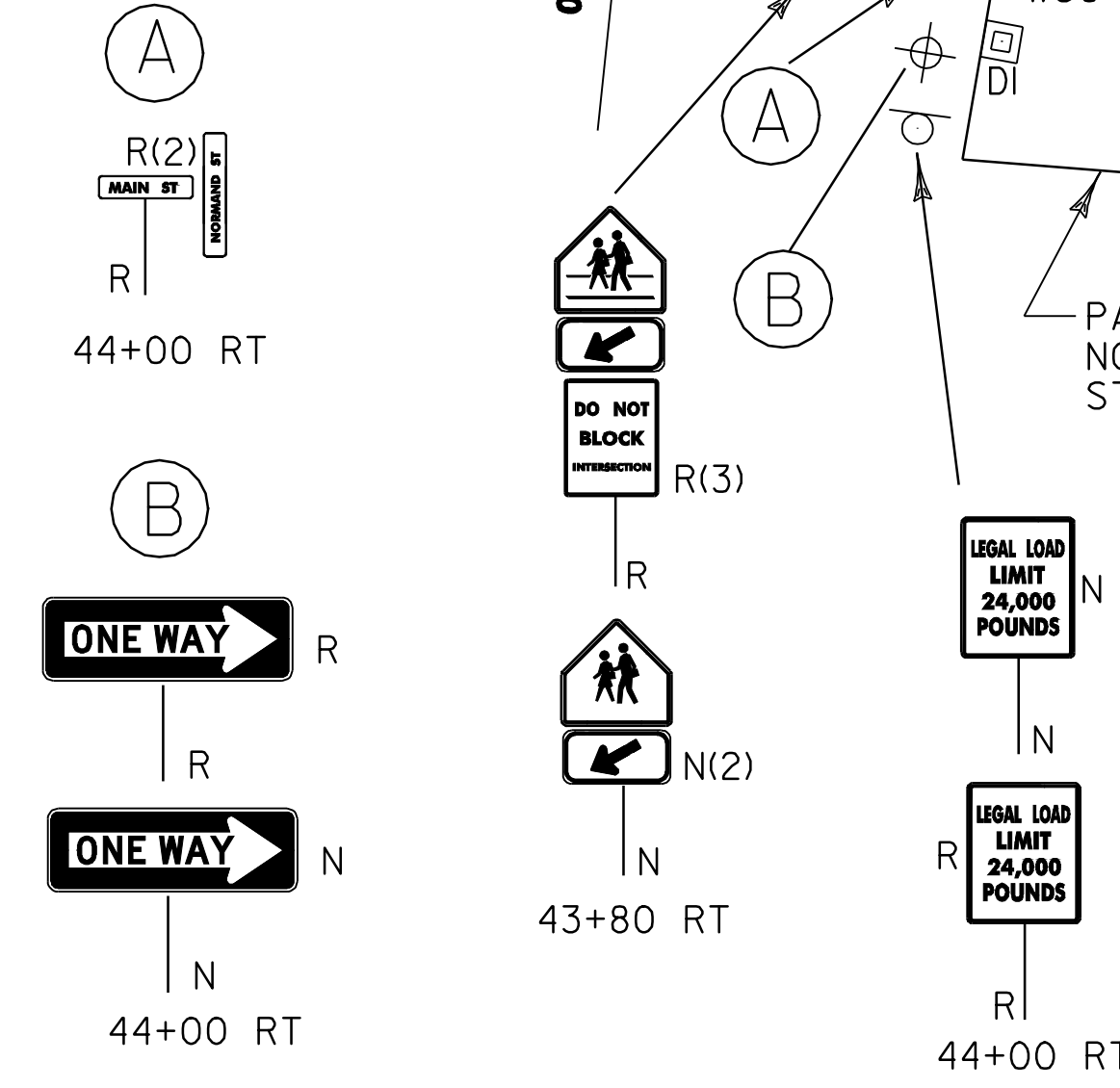
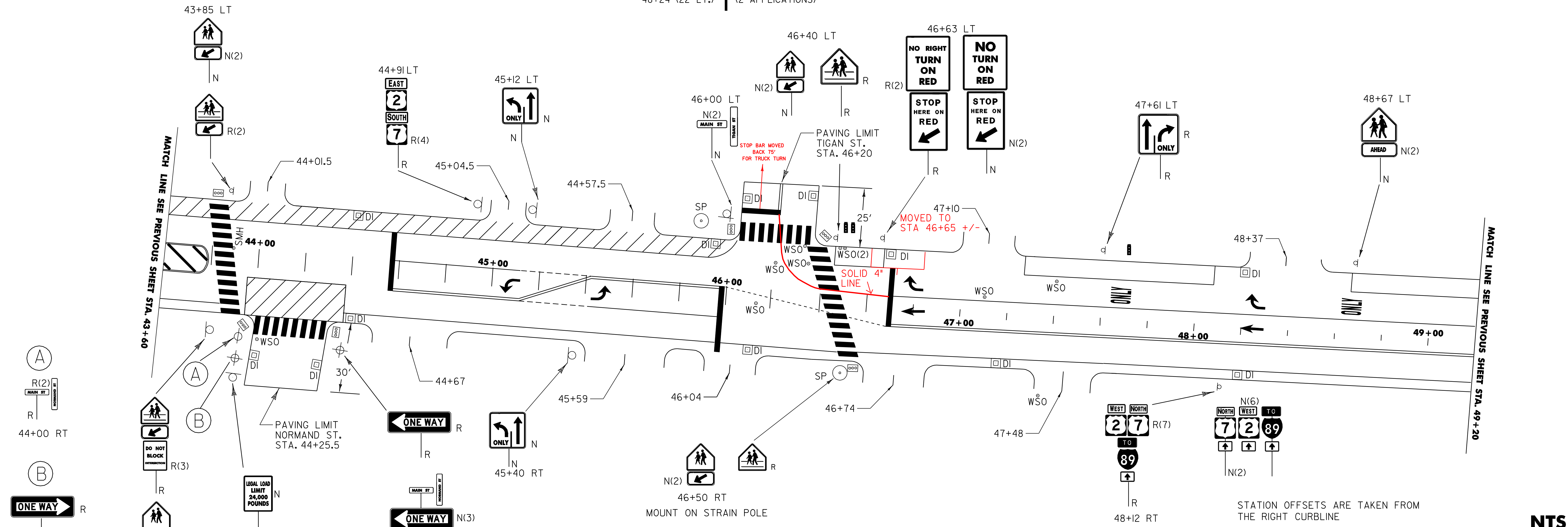
43+97 - 17' RT (DI)
44+24 - 18' RT (DI)
44+41 - @ CURB RT (DI)
44+41 - 48' LT (DI) 46+10 TIGAN STR. LT
46+11 - @ CURB RT (DI)
46+69 - 48' LT (DI)
47+17 - @ CURB RT (DI)
48+20 - @ CURB RT (DI)
48+20 - 48' LT (DI)

604.42 - CHANGE ELEVATION OF SEWER MANHOLES

39+53 - 24' LT (SMH)

629.20 - ADJUST ELEVATION OF VALVE BOXES

44+02 - 10' RT (WSO)
46+13 - 22' LT (WSO)
46+19 - 40' LT (WSO)
46+33 - 48' LT (WSO)
46+35 - 40' LT (WSO)
46+47 - 48' LT (WSO)
46+49 - 48' LT (WSO)
47+37 - 38' LT (WSO)
47+39 - 11' RT (WSO)



LEGEND

R = REMOVE
N = NEW
[Symbol] = DETECTABLE WARNING SURFACE
SP = STRAIN POLE

PROJECT LAYOUT SHEET 6

PROJECT NAME: WINOOSKI	PLOT DATE: 18-JAN-2008 14:43
PROJECT NUMBER: STP 2306(1)S	DRAWN BY: WILDER
FILE NAME: /pave /05d144 /p05d144.dgn	CHECKED BY: PAVT MGMT
PROJECT LEADER: WOOLAVER	SHEET 12 OF 23
IPARM NAME: p05d144106.i	

NTS

646.40 - DURABLE 4" WHITE LINE
(TYPE I, TAPE)

49+20 (4' LT.) - 51+20 (2' LT.)
 49+20 - 49+22 (40' LT.)
 49+20 - 50+20 (28' LT.) (LANE LINE)
 50+20 (28' LT.) - 51+20 (40' LT.) (DOTTED LINE)
 49+63 - 50+25 (40' LT.)
 50+60 - 51+20 (40' LT.)

646.60 - TEMPORARY 4" WHITE LINE
(PAINT)

49+20 (4' LT.) - 51+20 (2' LT.) (2 APPLICATIONS)
 49+20 - 49+22 (40' LT.) (2 APPLICATIONS)
 49+20 - 50+20 (28' LT.) (LANE LINE) (2 APPLICATIONS)
 50+20 (28' LT.) - 51+20 (40' LT.) (DOTTED LINE) (2 APPLICATIONS)
 49+63 - 50+25 (40' LT.) (2 APPLICATIONS)
 50+60 - 51+20 (40' LT.) (2 APPLICATIONS)

646.41 - DURABLE 4" YELLOW LINE
(TYPE I, TAPE)

49+20 - 50+20 (16' LT.)(DBL.)
 50+20 (16' LT.) - 51+20 (24' LT.)(DBL.)

646.61 - TEMPORARY 4" YELLOW LINE
(PAINT)

49+20 - 50+20 (16' LT.)(DBL.)(2 APPLICATIONS)
 50+20 (16' LT.) - 51+20 (24' LT.)(DBL.)(2 APPLICATIONS)

629.20 - ADJUST ELEVATION OF VALVE BOXES

50+19 - 11' LT (WSO)

675.50 REMOVING SIGNS

AS SHOWN - 1

604.412 - REHABING DI, CB OR MH

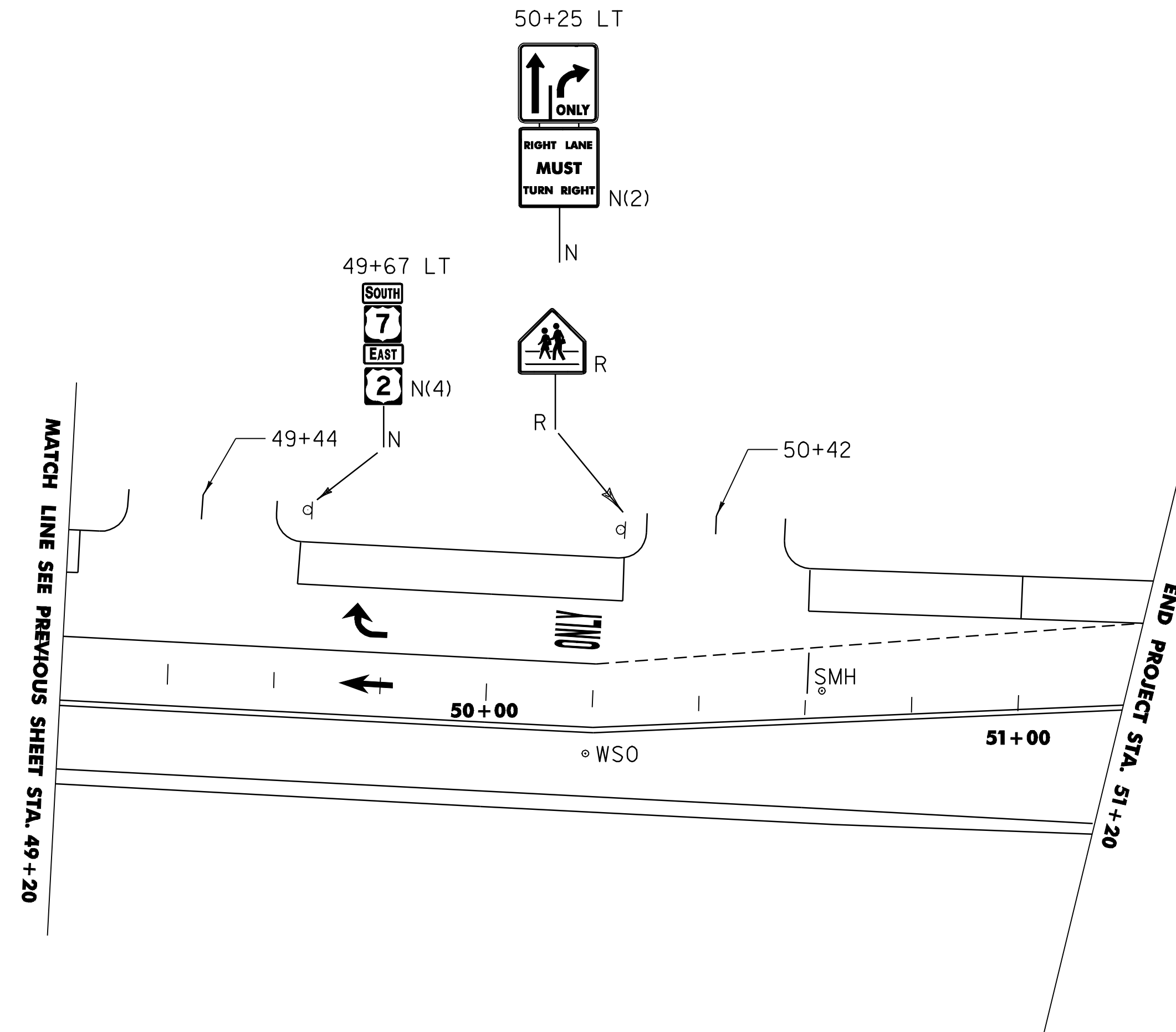
50+63 - 25' LT (DI)

646.50 DURABLE LETTER OR SYMBOL
(THERMOPLASTIC)

49+78 (24' LT.) ↑
 49+78 (34' LT.) ↗

646.70 TEMPORARY LETTERS OR SYMBOLS
(PAINT)

49+78 (24' LT.) ↑ (2 APPLICATIONS)
 49+78 (34' LT.) ↗ (2 APPLICATIONS)



LEGEND

- R = REMOVE
- N = NEW
- ☒ = DETECTABLE WARNING SURFACE
- SP = STRAIN POLE

STATION OFFSETS ARE TAKEN FROM
THE RIGHT CURBLINE

NTS

PROJECT LAYOUT SHEET 7

PROJECT NAME: **WINOOSKI**
 PROJECT NUMBER: **STP 2306(1)S**

FILE NAME: /pave /05d144 /p05d144.dgn PLOT DATE: 18-JAN-2008 11:43
 PROJECT LEADER: **WOOLAVER** DRAWN BY: **WILDER**
 IPARM NAME: **p05d144i07.i** CHECKED BY: **PAVT MGMT**
 SHEET 13 OF 23

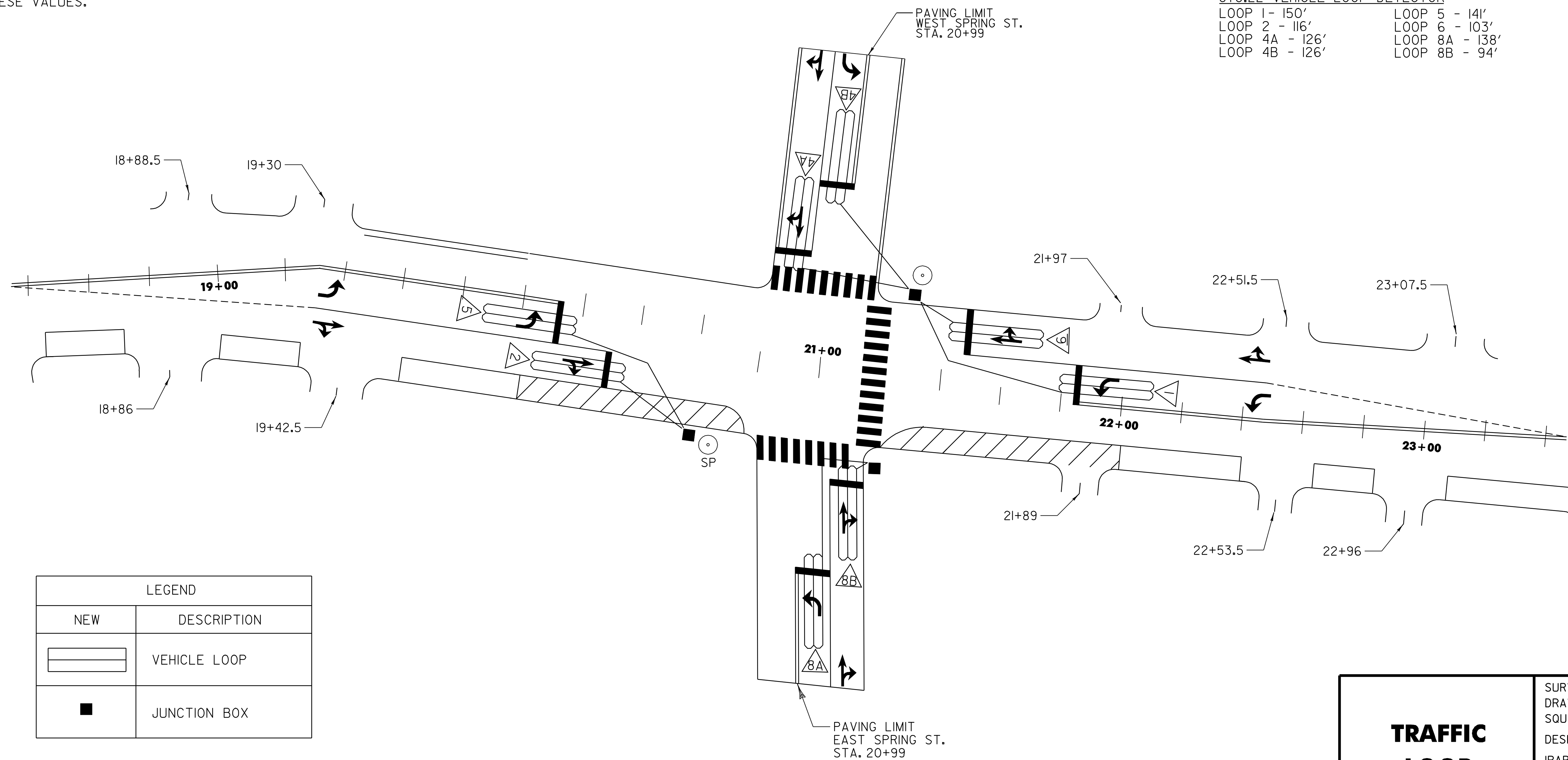
NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR LOOP PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. LOOPS ARE TO BE TERMINATED AT THE JUNCTION BOX WITH 3 FEET SLACK PER LOOP WIRE COILED NEATLY WITHIN THE BOX. LOOPS WILL NOT BE CONNECTED TO THE CONTROLLER AT THIS TIME.
3. ALL LOOPS WILL EXTEND 5 FEET PAST THE CENTER OF THE STOP BAR ON EACH APPROACH.
4. LOOPS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
5. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS THE RESIDENT ENGINEER MUST APPROVE LAYOUT PRIOR TO INSTALLATION.
6. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.
7. CALCULATED VALUES AT CONTROLLER ARE BASED ON DIRECT CONDUIT ROUTING TO THE NEAREST SIGNAL POLE AND CROSSING THE SPAN WIRE AS NECESSARY TO THE EXISTING CONTROLLER LOCATION. ANY SIGNAL MODIFICATION AND/OR CONTROLLER RELOCATION PRIOR TO LOOP CONNECTION WILL REQUIRE RECALCULATION OF THESE VALUES.

VEHICLE LOOP DETECTORS							TEST RESULTS AT JUNCTION BOX				
LANE	LOOP NO.	SIZE	TYPE	NO TURNS	MODE	AMP	INDUCTANCE (uH)		RESISTANCE Ω @ 77°F		(M Ω) LEAKAGE TO GROUND
							CALCULATED	MEASURED	CALCULATED	MEASURED	
SB LEFT	1	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	267		0.85		
NB THRU/RT	2	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	277		0.88		
EB THRU/RT	4A	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY					
EB LT	4B	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	263		0.84		
NB LT	5	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	278		0.88		
SB THRU/RT	6	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	266		0.85		
WB THRU/LT	8A	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY					
WB RT	8B	6' x 30'	QUAD.	2	PRESENCE	NON-DELAY	278		0.88		

678.22 VEHICLE LOOP DETECTOR

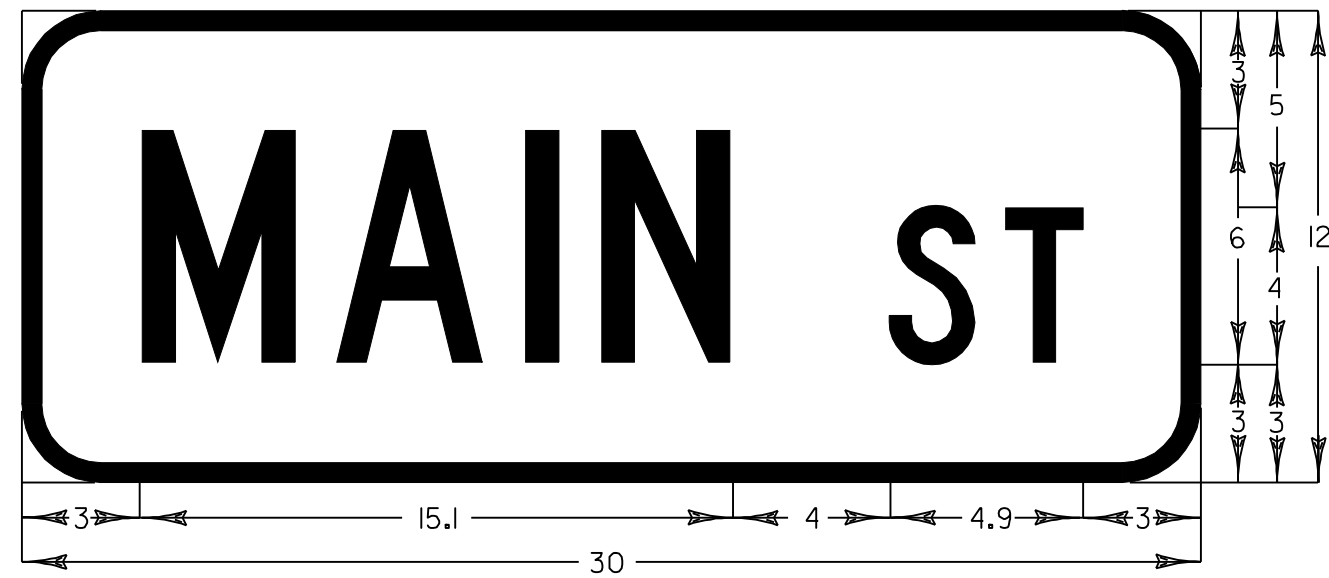
LOOP 1 - 150'	LOOP 5 - 141'
LOOP 2 - 116'	LOOP 6 - 103'
LOOP 4A - 126'	LOOP 8A - 138'
LOOP 4B - 126'	LOOP 8B - 94'



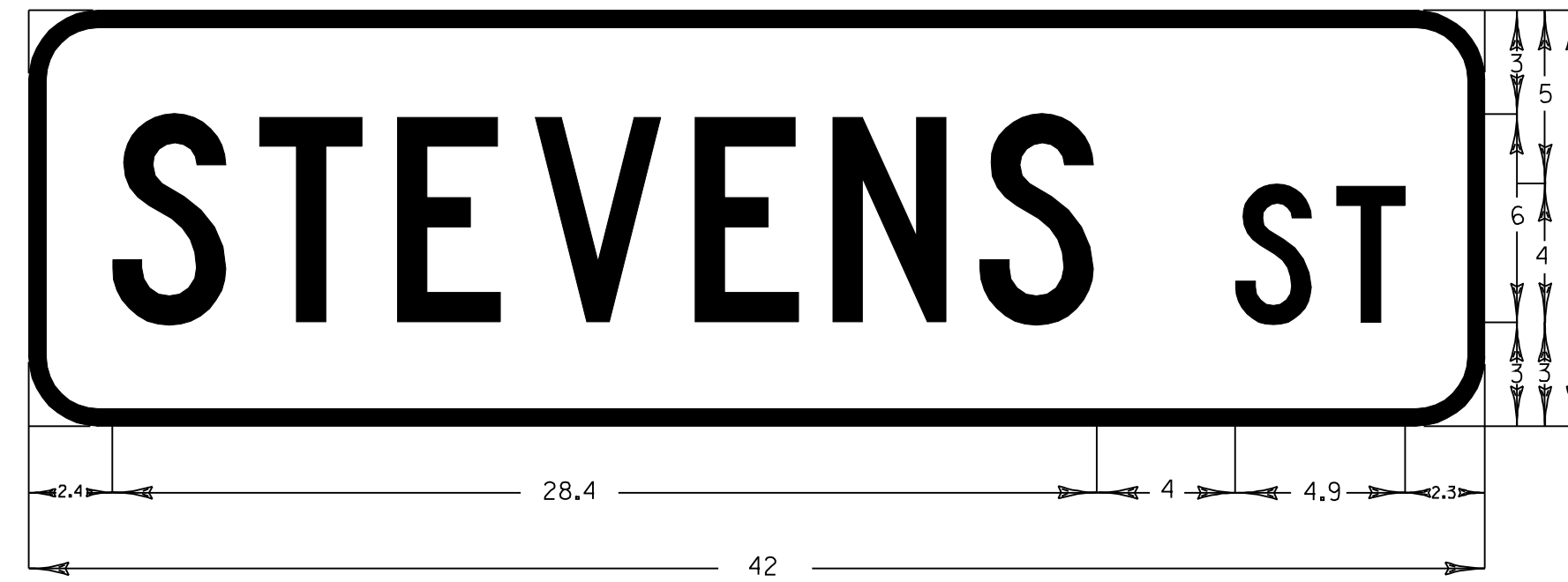
TRAFFIC LOOP LAYOUT

SURVEYED BY **LSWKML** DATE **2005**
 DRAWN BY **WILDER** DATE **2005**
 SQUAD LEADER **WOOLAVER**
 DESIGN FILE NO. /pave /05d144 /p05d144.dgn
 IPARM FILE **p05d144h101.i** DATE PLOTTED **10-JAN-2008 11:4**
 PROJ. NAME **WINOOSKI**
 PROJ. NO. **STP 2306(1)S**
 SHEET 21 OF 23

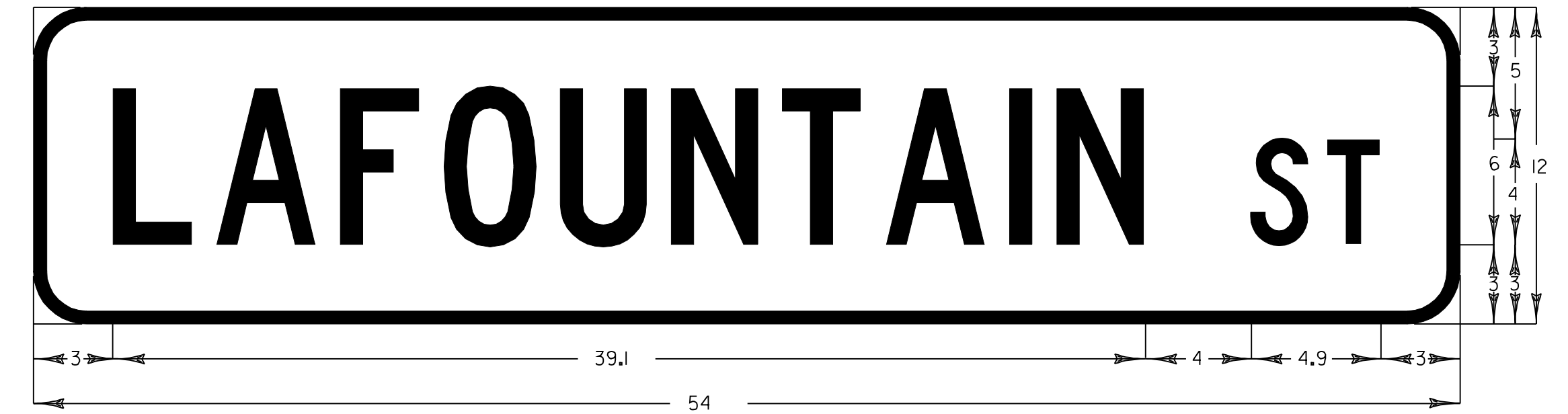
NTS



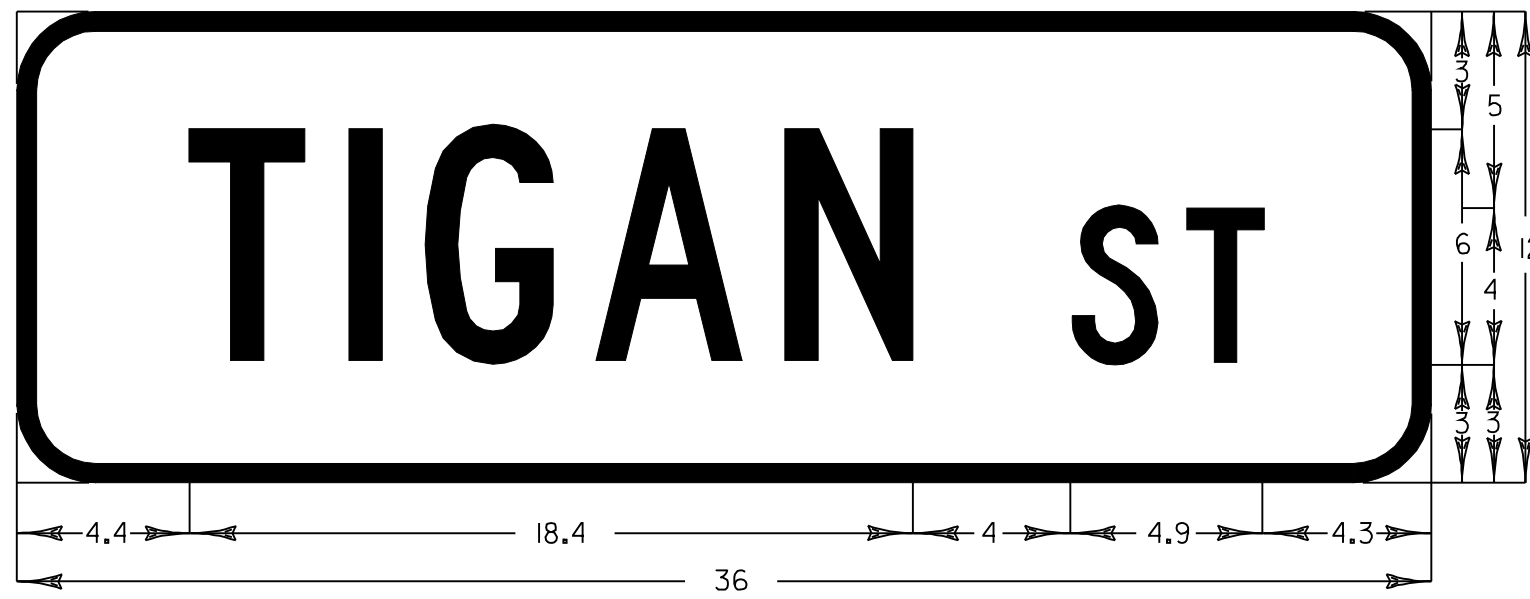
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
MAIN ST C;



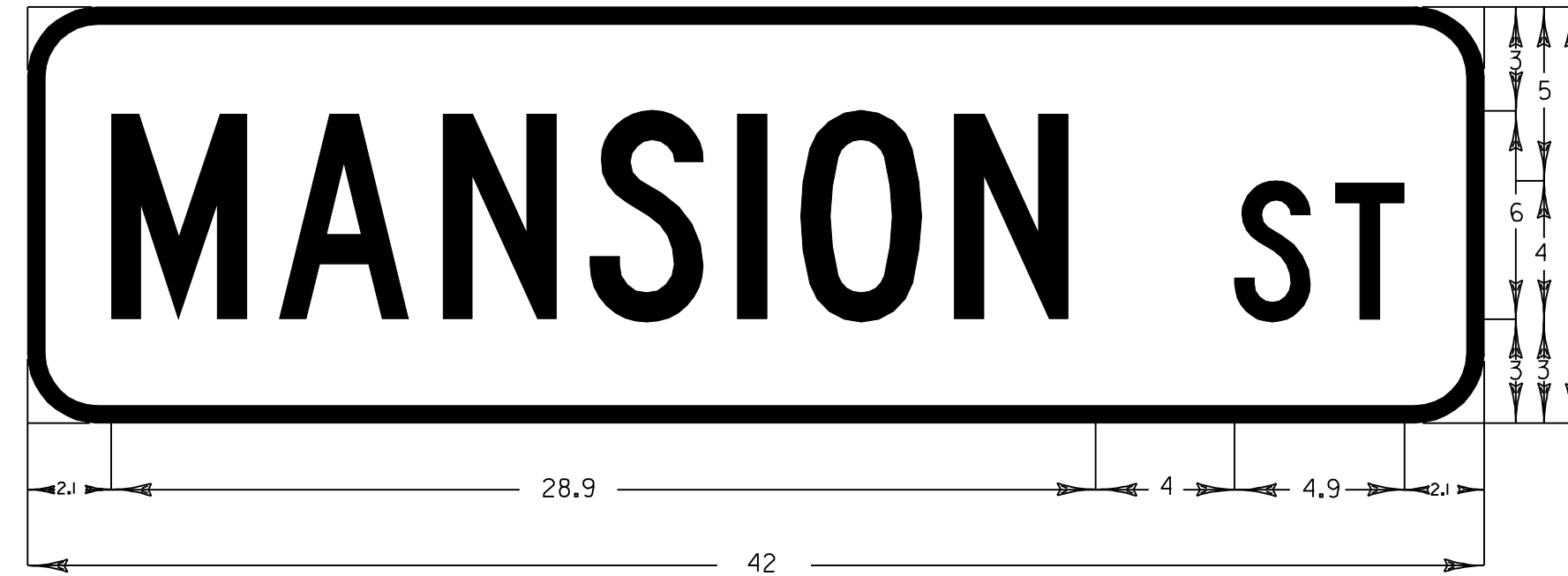
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
STEVENS ST C;



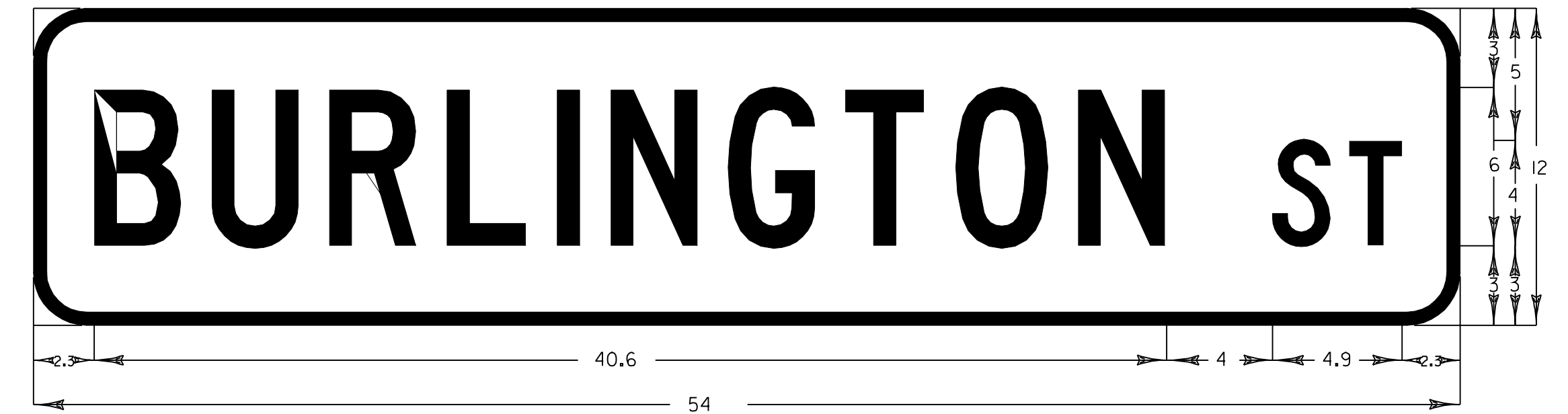
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
LAFOUNTAIN ST C;



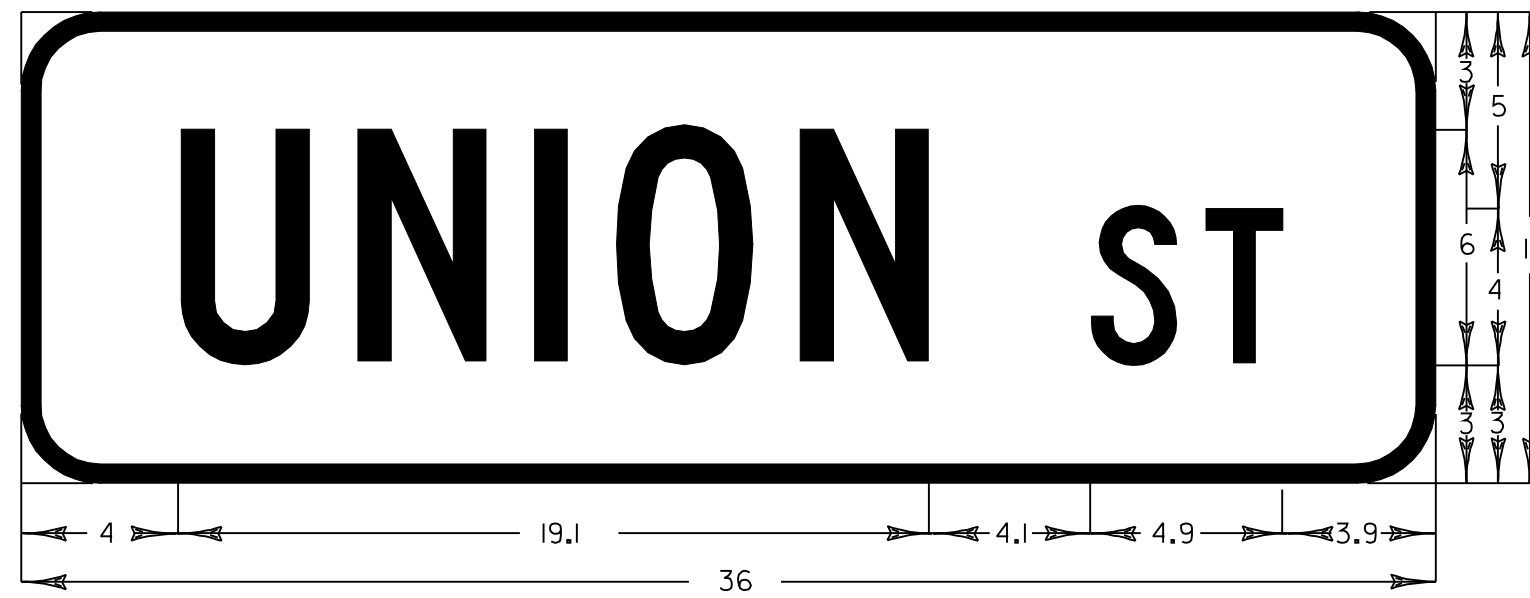
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
TIGAN ST C;



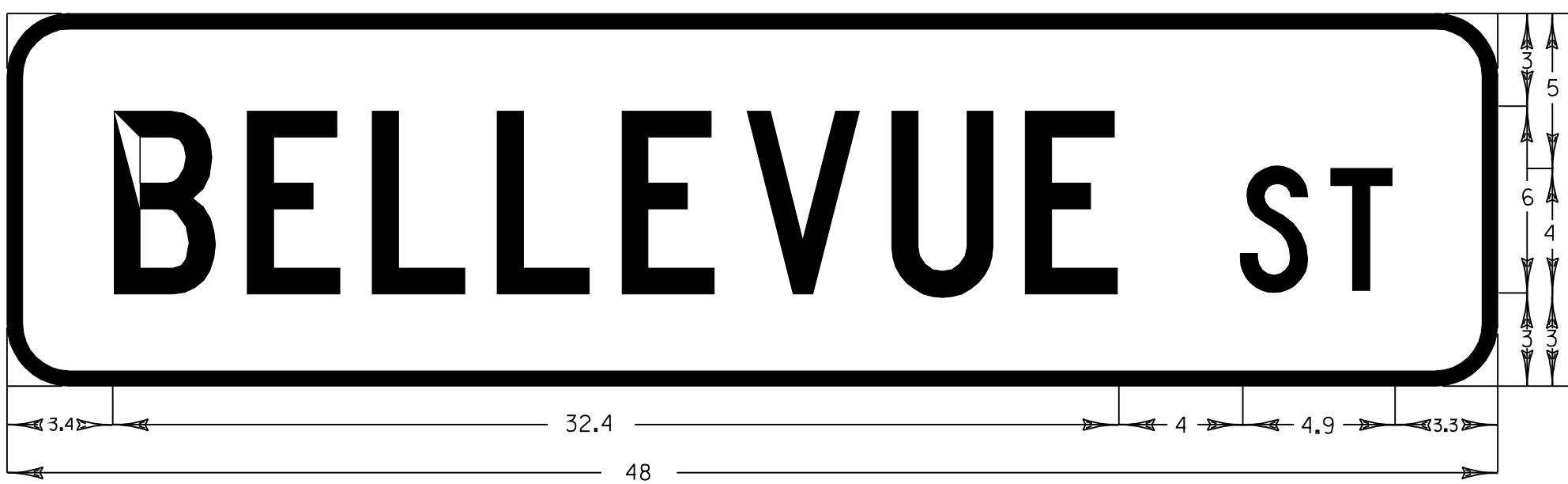
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
MANSION ST C;



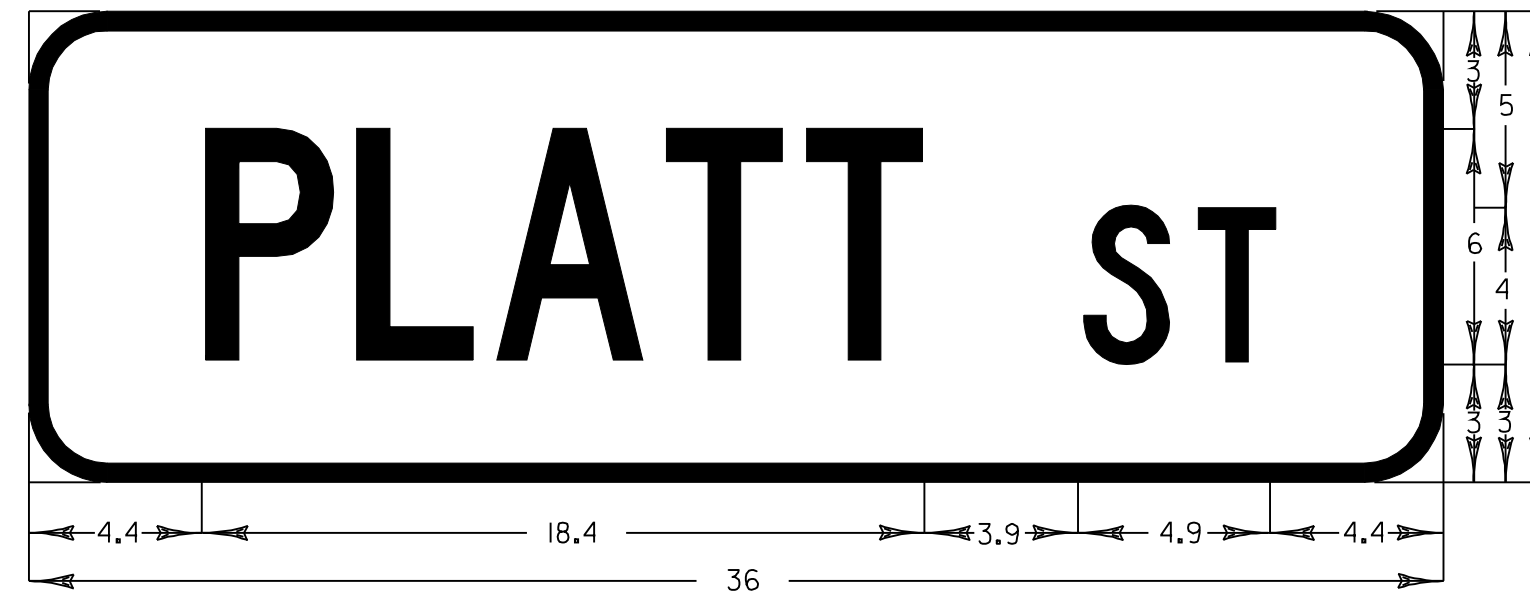
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
BURLINGTON ST C;



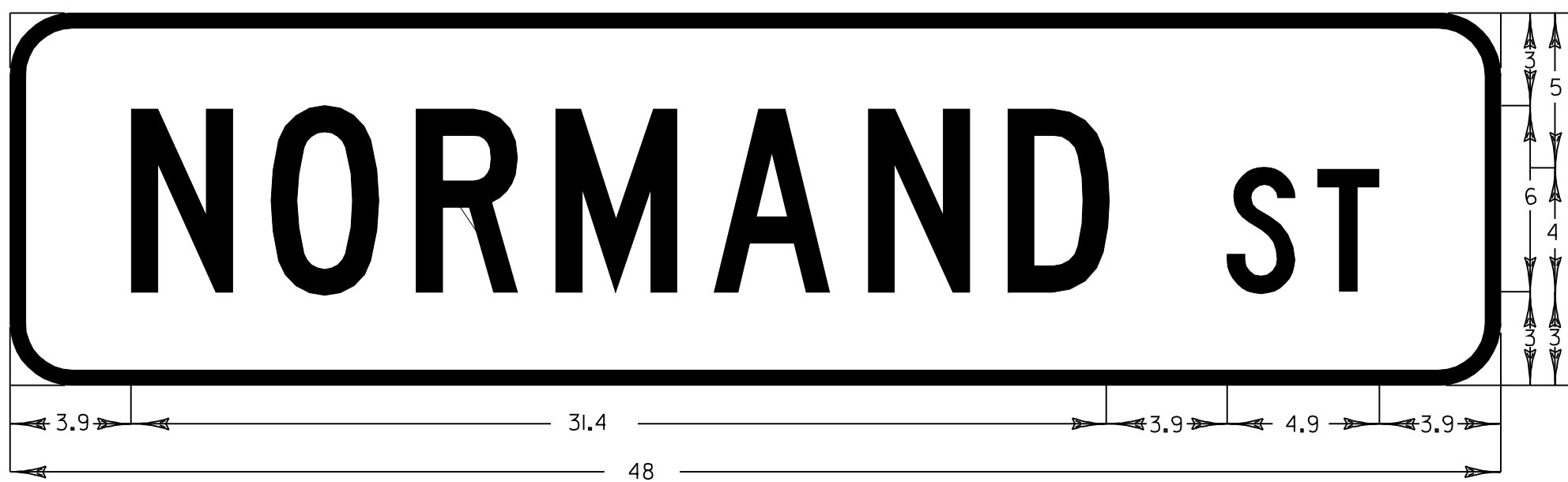
1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
UNION ST C;



1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
BELLEVUE ST C;



1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
PLATT ST C;



1.5" RADIUS, 0.5" BORDER, WHITE ON GREEN;
NORMAND ST C;

NTS

**SIGN
DETAIL SHEET**

PROJECT NAME: **WINOOSKI**
PROJECT NUMBER: **STP 2306(1)S**

FILE NAME: /pave /05d144 /p05d144.dgn
PROJECT LEADER: **WOOLAVER**
IPARM NAME: **p05d144sd1.i**

PLOT DATE: 18-JAN-2008 11:44
DRAWN BY: **WILDER**
CHECKED BY: **PAVT MGMT**
SHEET 22 OF 23

