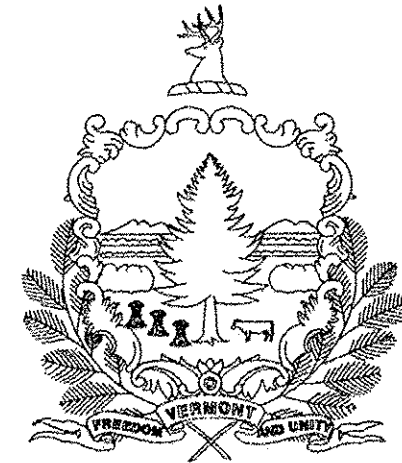
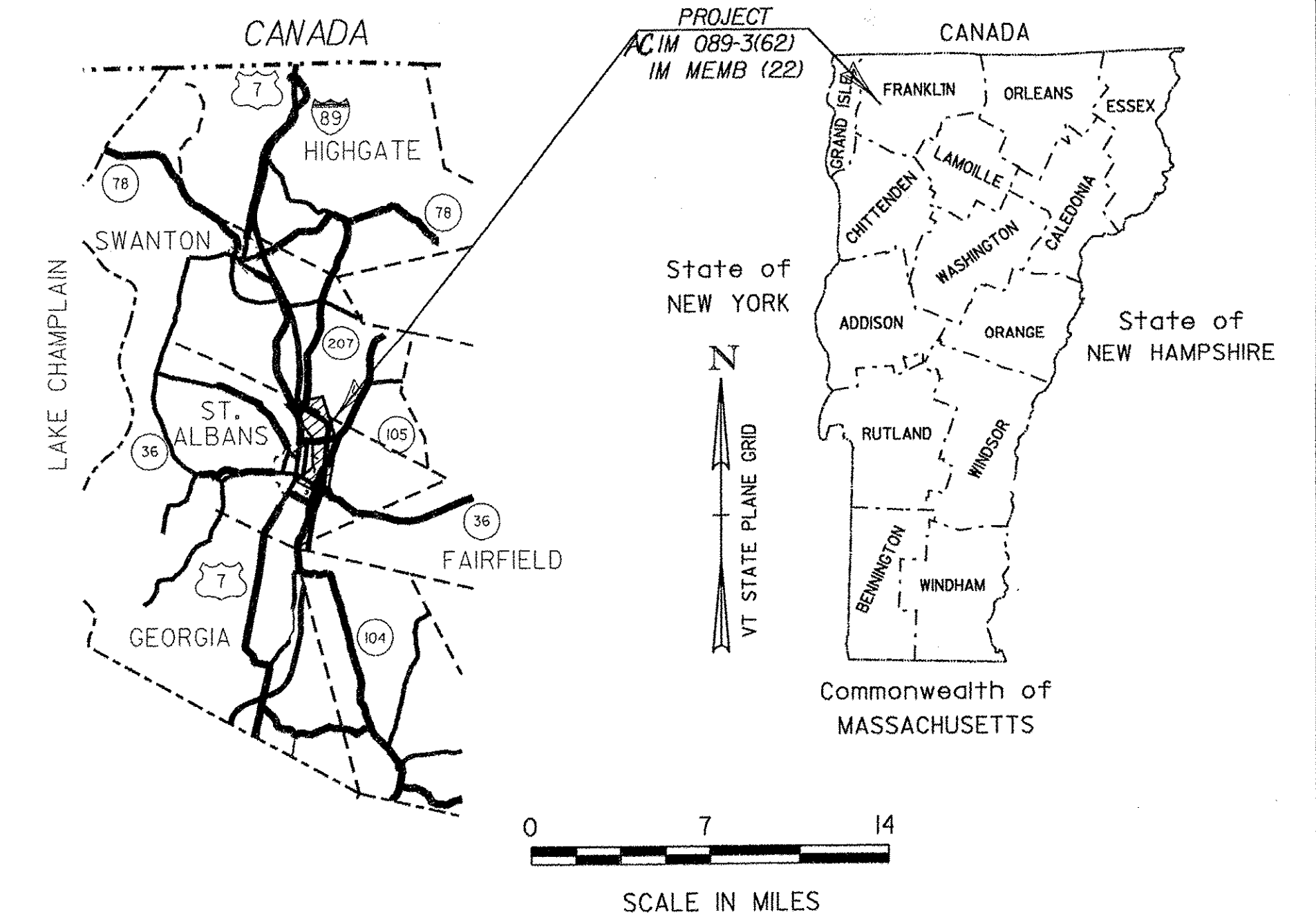


INDEX OF SHEETS
(SEE SHEET 2)

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF ST. ALBANS AND SWANTON COUNTY OF FRANKLIN INTERSTATE ROUTE 89



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	JON DAY
CONSTRUCTION BEGAN:	APRIL 19, 2010
CONSTRUCTION COMPLETE:	NOVEMBER 12, 2010
RECORD PLANS BY:	JON DAY & AMOS KEMPTON
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	<i>John P. Day</i> RESIDENT ENGINEER
DATE:	09-22-11
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.	

ST. ALBANS - SWANTON
AC IM 089-3(62)
SEE SHEET 7
FOR ADDITIONAL PROJECT INFORMATION

ST. ALBANS
IM MEMB (22)
SEE SHEET 100
FOR ADDITIONAL PROJECT INFORMATION

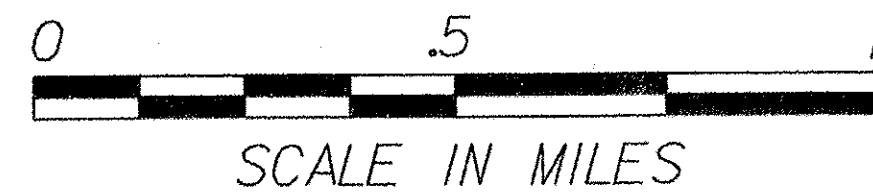
NB MM 114.10 (NB STA. 3442+29)
SB MM 114.10 (SB STA. 3442+54)
BEGIN PROJECT ACIM 089-3(62)

NB MM 117.98 (NB STA. 3647+15)
SB MM 117.98 (SB STA. 3647+40)
END PROJECT ACIM 089-3(62)

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	

SURVEYED BY : L. ORVIS
SURVEYED DATE : 9-2000

DATUM
VERTICAL NAVD88
HORIZONTAL NAD83(92)



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 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

D96A058TLE.I DATED PLOTTED: 26-AUG-2009

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED <i>Mark D. Richter</i>	DATE 9-22-09
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>Ken Robie</i>	DATE 8/26/09
PROJECT MANAGER : KEN ROBIE	
PROJECT NAME AND NUMBER :	
ST. ALBANS - SWANTON ACIM 089-3(62) ST. ALBANS IM MEMB(22)	
SHEET 1 OF 117 SHEETS	

SNOW BARRIER, GALVANIZED
 VT 36 - I46' LT I36.4
 VT 36 - I46' RT I36.4

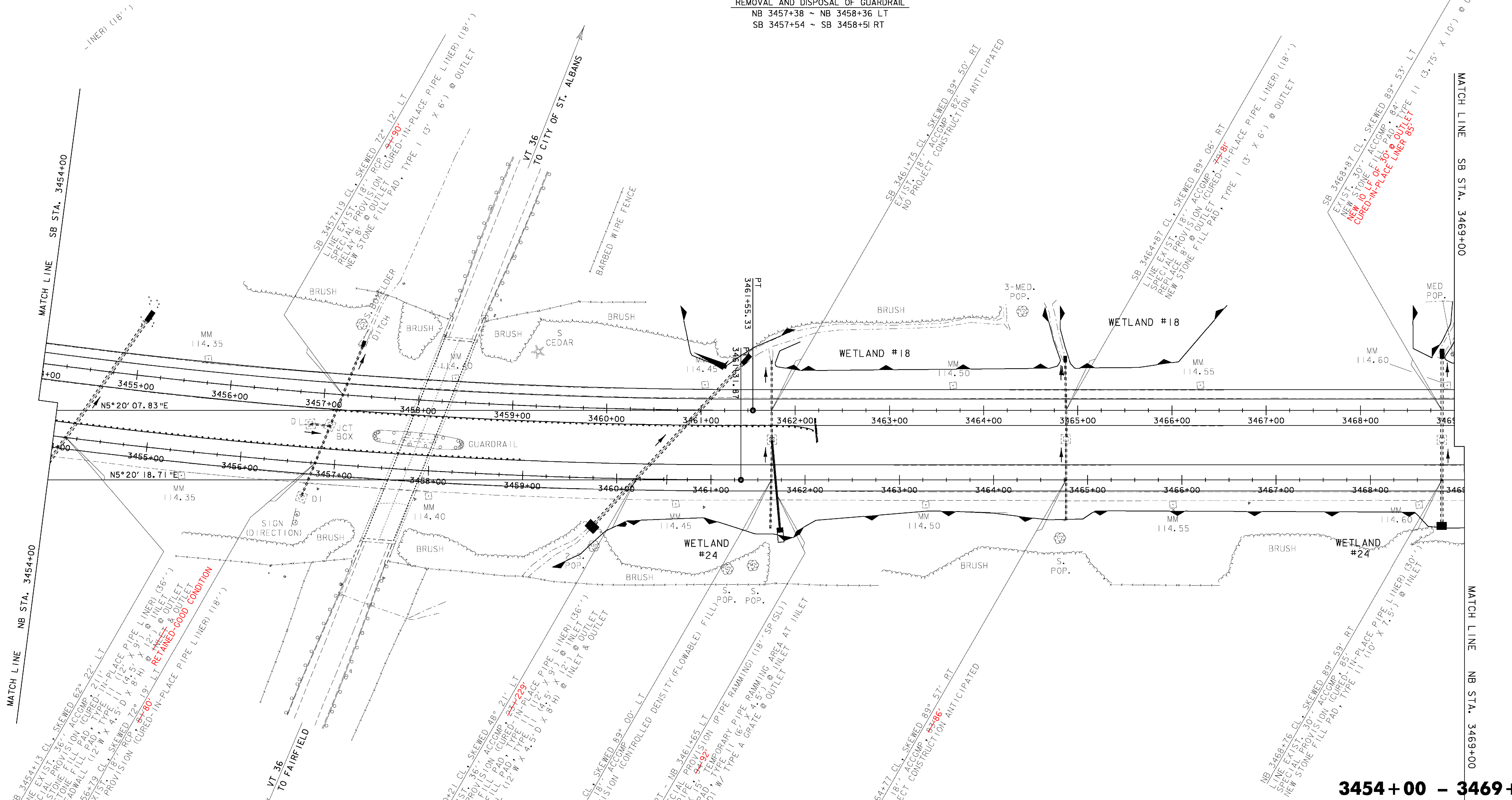
REMOVAL OF EXISTING FENCE
 NB 3442+30 ~ NB 3457+25 RT
 NB 3457+64 ~ NB 3489+73 RT
 SB 3442+54 ~ SB 3458+25 LT
 SB 3458+67 ~ SB 3491+93 LT

WOVEN WIRE FENCE, W/STEEL POSTS
 NB 3442+30 ~ NB 3457+25 RT
 NB 3457+64 ~ NB 3489+73 RT
 SB 3442+54 ~ SB 3458+25 LT
 SB 3458+67 ~ SB 3491+93 LT

STEEL BEAM GUARDRAIL, GALVANIZED
 3454+00 NB 3453+76 ~ NB 3459+01 LT
 SB 3457+10 ~ SB 3461+85 RT

MANUFACTURED TERMINAL SECTION, FLARED
 NB 3453+38.5 ~ NB 3453+76 LT
 SB 3461+85 ~ SB 3462+22.5 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3457+38 ~ NB 3458+36 LT
 SB 3457+54 ~ SB 3458+51 RT

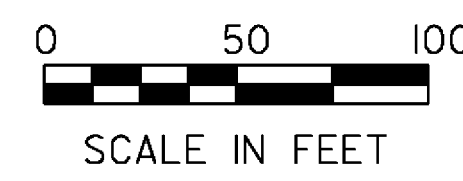


MATCH LINE NB STA. 3454+00
 NB 3454+13 CL, SKEWED 62° 22' LT
 SPECIAL PROVISION ACCOMP. 21' LT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET
 NB 3456+79 CL, SKEWED 72° 19' LT
 SPECIAL PROVISION ACCOMP. 19' LT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET
 RETAINED, GOOD CONDITION

NB 3460+21 CL, SKEWED 48° 21' LT
 SPECIAL PROVISION ACCOMP. 21' LT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET
 NB 3461+64 CL, SKEWED 89° 00' LT
 SPECIAL PROVISION ACCOMP. 00' LT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET

NB 3461+73 RT - NB 3461+65 LT
 SPECIAL PROVISION ACCOMP. 08' LT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET
 NB 3464+77 CL, SKEWED 89° 57' RT
 SPECIAL PROVISION ACCOMP. 57' RT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET

NB 3468+76 CL, SKEWED 89° 59' RT
 SPECIAL PROVISION ACCOMP. 59' RT
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (18' x 6') @ INLET & OUTLET



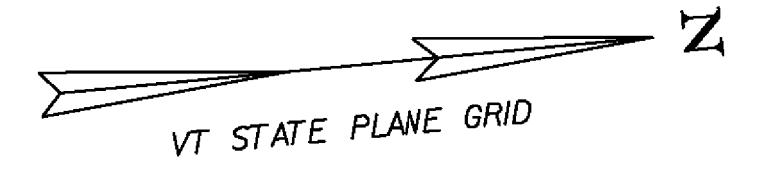
LAYOUT SHEET #3

PROJECT NAME: ST. ALBANS - SWANTON	
PROJECT NUMBER: IM 089-3(62)	
FILE NAME: D96A058BDR.DGN	PLOT DATE: 26-AUG-2009
PROJECT LEADER: K. ROBBIE	DRAWN BY: P. BEYOR
DESIGNED BY: P. BEYOR	CHECKED BY: A. BOMBARDIER
D96A058L02.I	SHEET 24 OF 117

3454+00 - 3469+00

REMOVAL OF EXISTING FENCE
 NB 3457+64 ~ NB 3489+73 RT
 SB 3458+67 ~ SB 3491+93 LT

WOVEN WIRE FENCE, W/STEEL POSTS
 69+00 NB 3457+64 ~ NB 3489+73 RT 84+00
 69+00 SB 3458+67 ~ SB 3491+93 LT 84+00

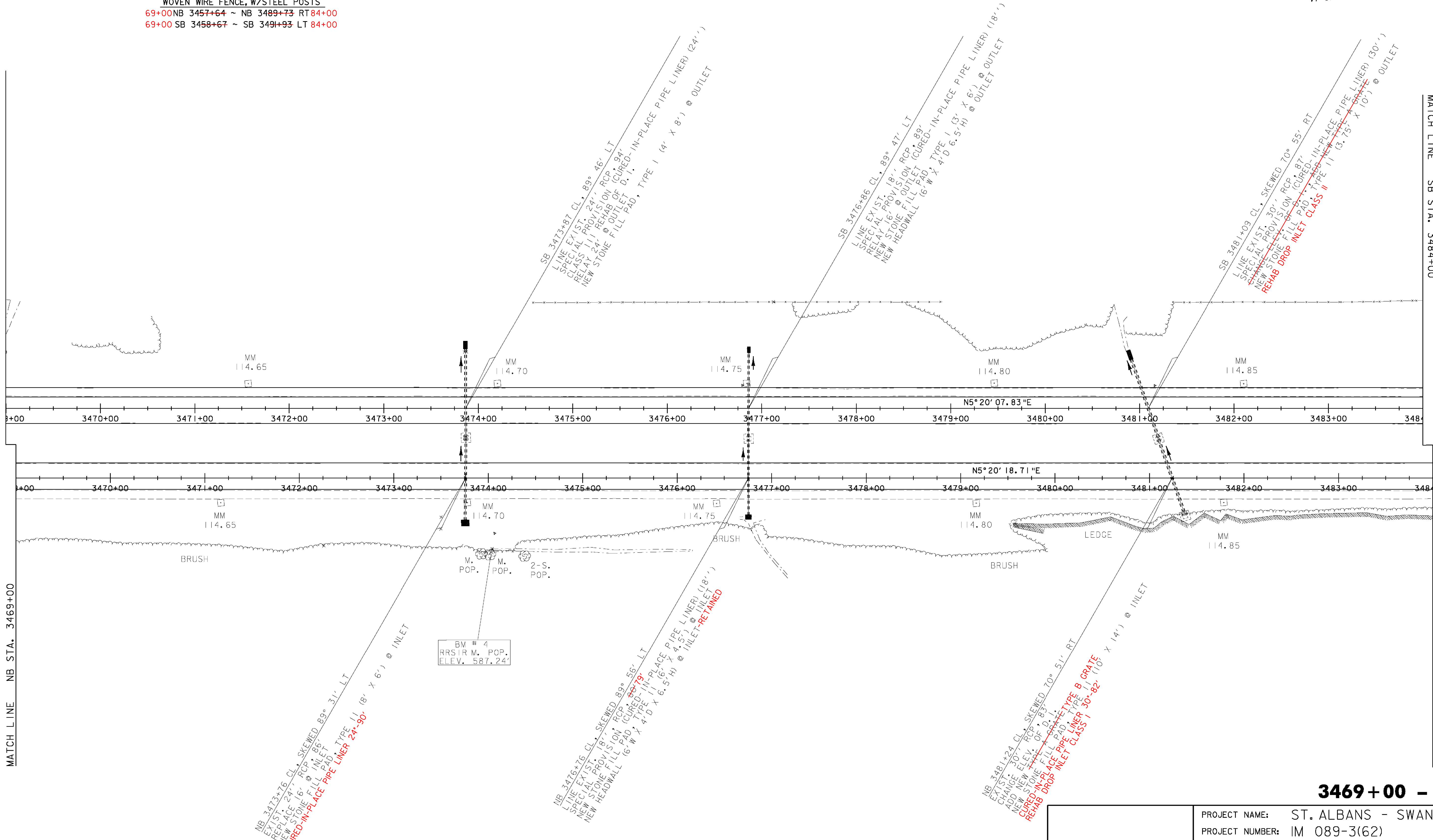


MATCH LINE SB STA. 3469+00

MATCH LINE SB STA. 3484+00

MATCH LINE NB STA. 3469+00

MATCH LINE NB STA. 3484+00



SB 3473+87 CL, 89° 46' LT
 LINE EXIST. SPECIAL PROVISION RCP 89' NEW STONE FILL PAD @ INLET (CURED, 9' NEW HEADMALL 6' W X 4' D X 6.5'H) @ INLET (18'')

SB 3476+86 CL, 89° 47' LT
 LINE EXIST. SPECIAL PROVISION RCP 89' NEW STONE FILL PAD @ INLET (CURED, 9' NEW HEADMALL 6' W X 4' D X 6.5'H) @ INLET (18'')

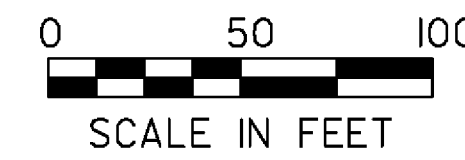
SB 3481+09 CL, SKEWED TO° 55' RT
 LINE EXIST. SPECIAL PROVISION RCP 87' NEW STONE FILL PAD @ INLET (CURED, 9' REHAB DROP INLET CLASS II (3.75' X 10') @ OUTLET

MB 3473+76 CL, SKEWED 89° 31' LT
 EXIST. 24' RCP INLET 16' NEW STONE FILL PAD @ INLET (CURED, 9' NEW HEADMALL 6' W X 4' D X 6.5'H) @ INLET (18'')

MB 3476+76 CL, SKEWED 89° 56' LT
 LINE EXIST. SPECIAL PROVISION RCP 89' NEW STONE FILL PAD @ INLET (CURED, 9' NEW HEADMALL 6' W X 4' D X 6.5'H) @ INLET (18'')

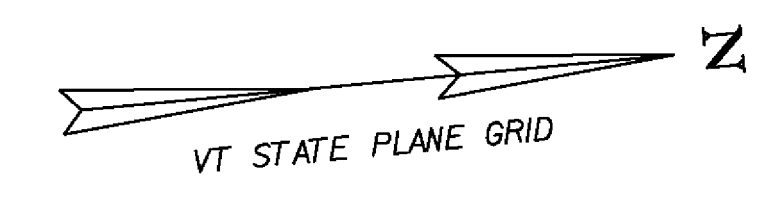
MB 3481+24 CL, SKEWED TO° 51' RT
 EXIST. 30' RCP INLET 16' NEW STONE FILL PAD @ INLET (CURED, 9' NEW HEADMALL 6' W X 4' D X 6.5'H) @ INLET (18'')

BM # 4
 RRSIR M. POP.
 ELEV. 587.24'



3469 + 00 - 3484 + 00

LAYOUT SHEET #4	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: D96A058BDR.DGN	PLOT DATE: 26-AUG-2009
	PROJECT NUMBER: IM 089-3(62)	DESIGNED BY: P. BEYOR	DRAWN BY: P. BEYOR
		D96A058L03.I	CHECKED BY: A. BOMBARDIER
			SHEET 25 OF 117



REMOVAL OF EXISTING FENCE
 NB 3457+64 ~ NB 3494+73 RT
 NB 3495+11 ~ NB 3546+82 RT
 SB 3458+67 ~ SB 3491+93 LT
 SB 3492+51 ~ SB 3546+22 LT

WOVEN WIRE FENCE, W/STEEL POSTS
 84+00 SB 3458+67 ~ SB 3491+93 LT
 84+00 NB 3457+64 ~ NB 3489+73 RT
 SB 3497+71 ~ SB 3499+00 LT

CHAIN-LINK FENCE, 6 FEET
 SB 3492+51 ~ SB 3514+00 LT
 NB 3489+73 ~ NB 3494+73 RT
 NB 3495+11 ~ NB 3508+27 RT
 SB 3499+00

SNOW BARRIER, GALVANIZED
 VT 104 - 204' LT
 VT 104 - 210' RT
 INSTALLED BY VT 104
 PAVING PROJECT

REMOVAL AND DISPOSAL OF GUARDRAIL
 3484+97 NB 3484+94 ~ NB 3487+97 RT
 3491+32.5 NB 3491+31 ~ NB 3494+70 RT
 3492+75 NB 3492+74 ~ NB 3494+53 LT
 3486+25 SB 3486+26 ~ SB 3489+25 LT
 3492+36 SB 3492+37 ~ SB 3495+61 LT
 SB 3493+10 ~ SB 3494+85 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 NB 3485+34.5 ~ NB 3487+97 RT
 NB 3491+70 ~ NB 3494+70 RT
 NB 3493+12.5 ~ NB 3494+50 LT
 SB 3486+25 ~ SB 3488+87.5 LT
 SB 3492+36 ~ SB 3495+23.5 LT
 SB 3493+10 ~ SB 3494+47.5 RT

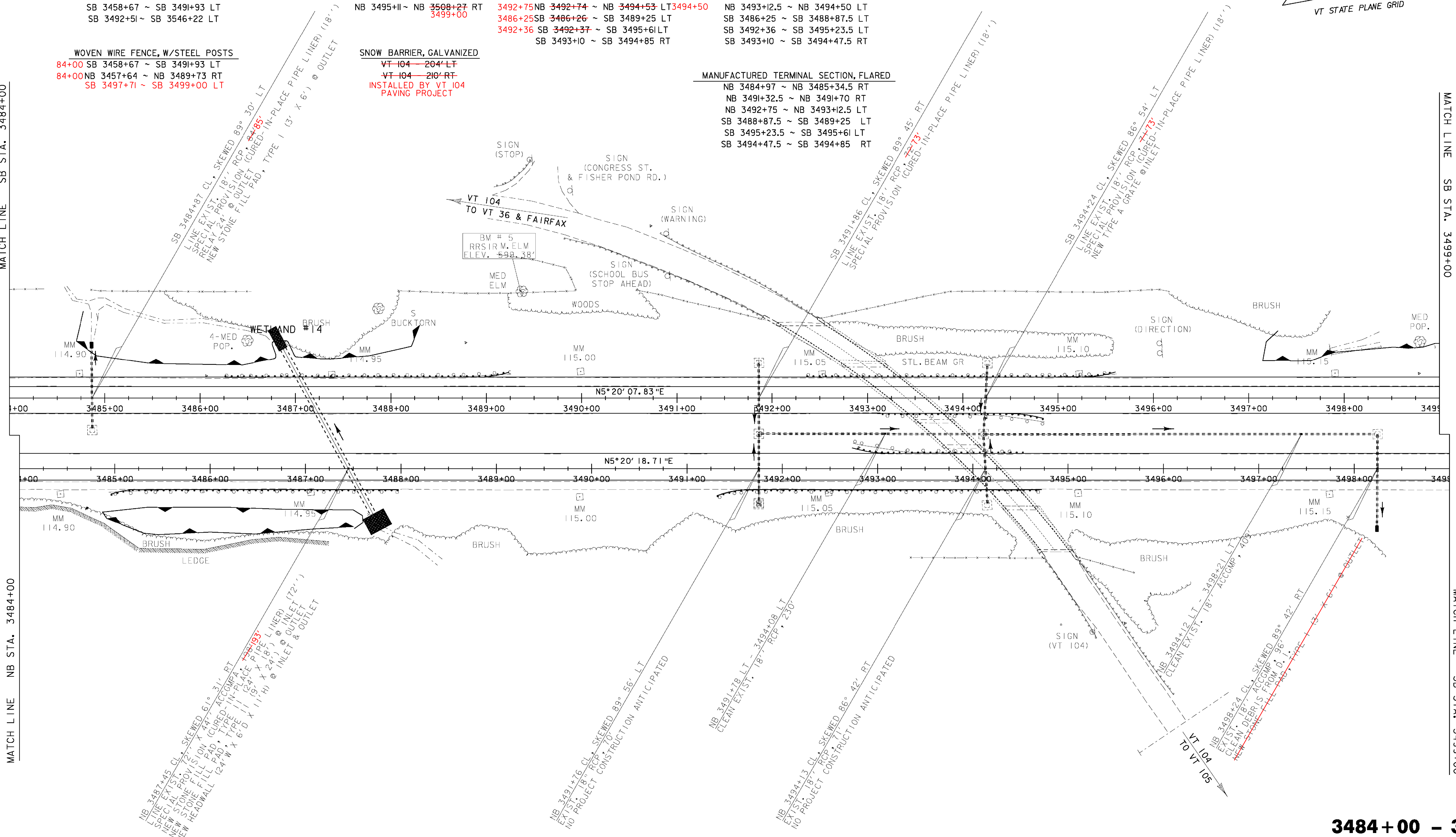
MANUFACTURED TERMINAL SECTION, FLARED
 NB 3484+97 ~ NB 3485+34.5 RT
 NB 3491+32.5 ~ NB 3491+70 RT
 NB 3492+75 ~ NB 3493+12.5 LT
 SB 3488+87.5 ~ SB 3489+25 LT
 SB 3495+23.5 ~ SB 3495+61 LT
 SB 3494+47.5 ~ SB 3494+85 RT

MATCH LINE SB STA. 3484+00

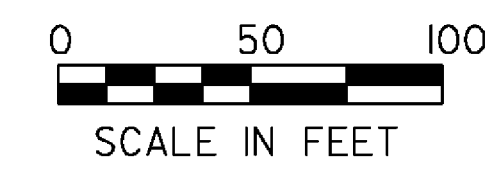
MATCH LINE SB STA. 3499+00

MATCH LINE NB STA. 3484+00

MATCH LINE SB STA. 3499+00



3484+00 - 3499+00



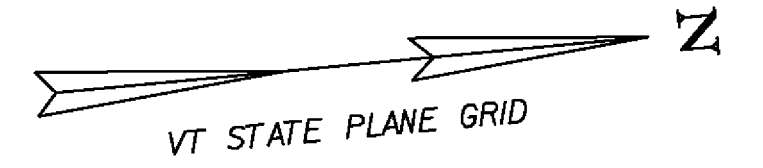
LAYOUT SHEET #5

PROJECT NAME:	ST. ALBANS - SWANTON	PLOT DATE:	03-SEP-2009
PROJECT NUMBER:	IM 089-3(62)	DRAWN BY:	P. BEYOR
FILE NAME:	D96A058BDR.DGN	CHECKED BY:	A. BOMBARDIER
PROJECT LEADER:	K. ROBE	SHEET	26 OF 117
DESIGNED BY:	P. BEYOR		
D96A058L04.I			

REMOVAL OF EXISTING FENCE
 NB 3495+11 ~ NB 3546+82 RT
 SB 3492+51 ~ SB 3546+22 LT

CHAIN LINK FENCE, 6 FEET
 3502+37 SB 3492+51 ~ SB 3514+00 LT
 NB 3495+11 ~ NB 3508+27 RT
 99+00

WOVEN WIRE FENCE, W/STEEL POSTS
 NB 3508+27 ~ NB 3546+82 RT
 SB 3499+00 ~ SB 3502+37 LT

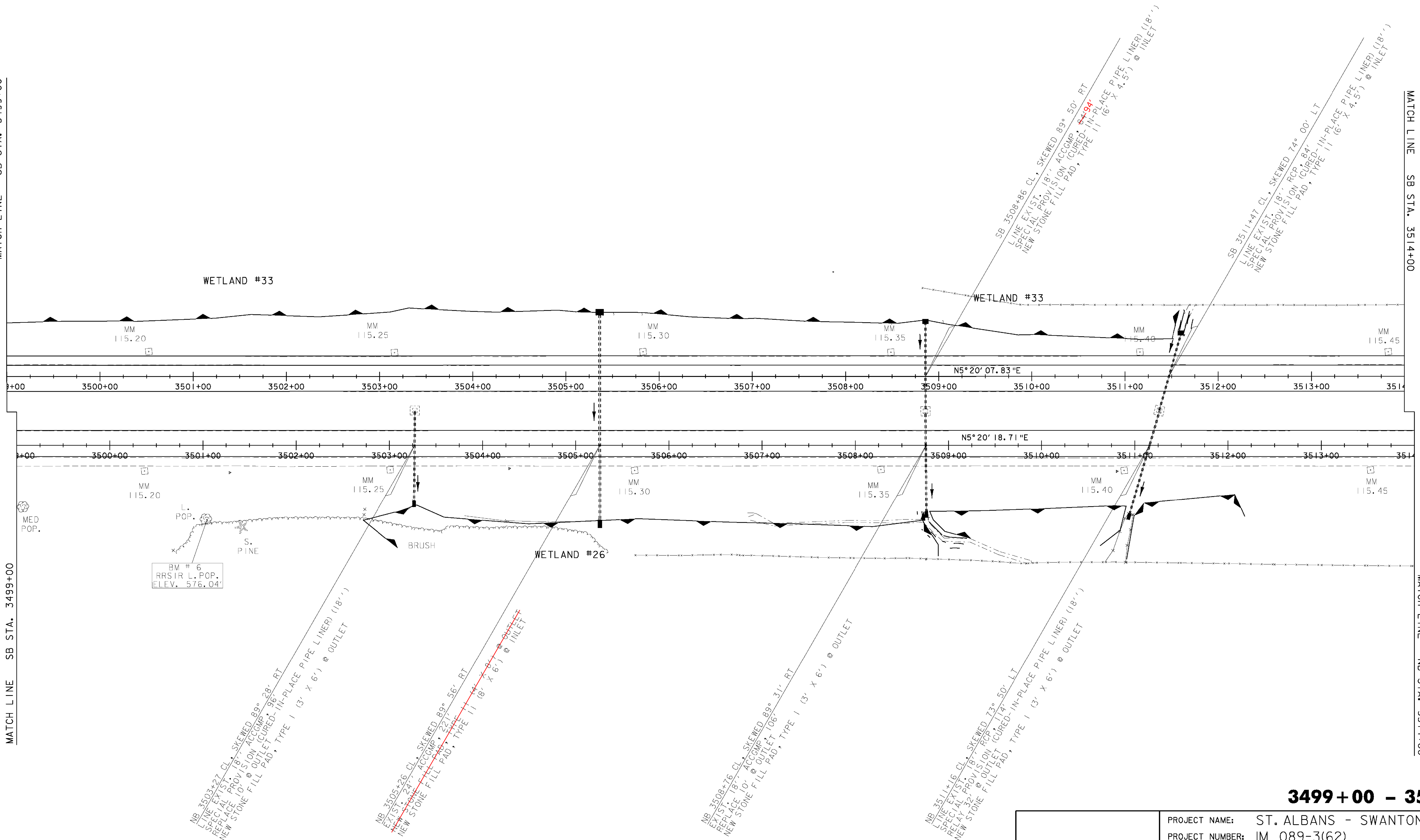


MATCH LINE SB STA. 3499+00

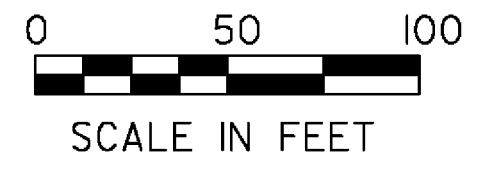
MATCH LINE SB STA. 3514+00

MATCH LINE SB STA. 3499+00

MATCH LINE NB STA. 3514+00

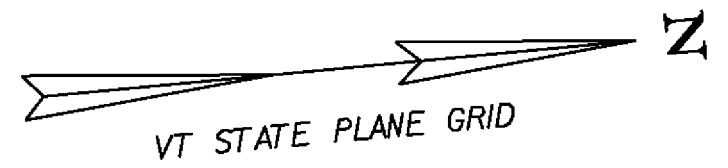


3499+00 - 3514+00



LAYOUT SHEET #6

PROJECT NAME:	ST. ALBANS - SWANTON	
PROJECT NUMBER:	IM 089-3(62)	
FILE NAME:	D96A058BDR.DGN	PLOT DATE: 26-AUG-2009
PROJECT LEADER:	K. ROBBIE	DRAWN BY: P. BEYOR
DESIGNED BY:	P. BEYOR	CHECKED BY: A. BOMBARDIER
D96A058L05.I		SHEET 27 OF 117



REMOVAL OF EXISTING FENCE
 NB 3495+11 ~ NB 3546+82 RT
 SB 3492+51 ~ SB 3546+22 LT

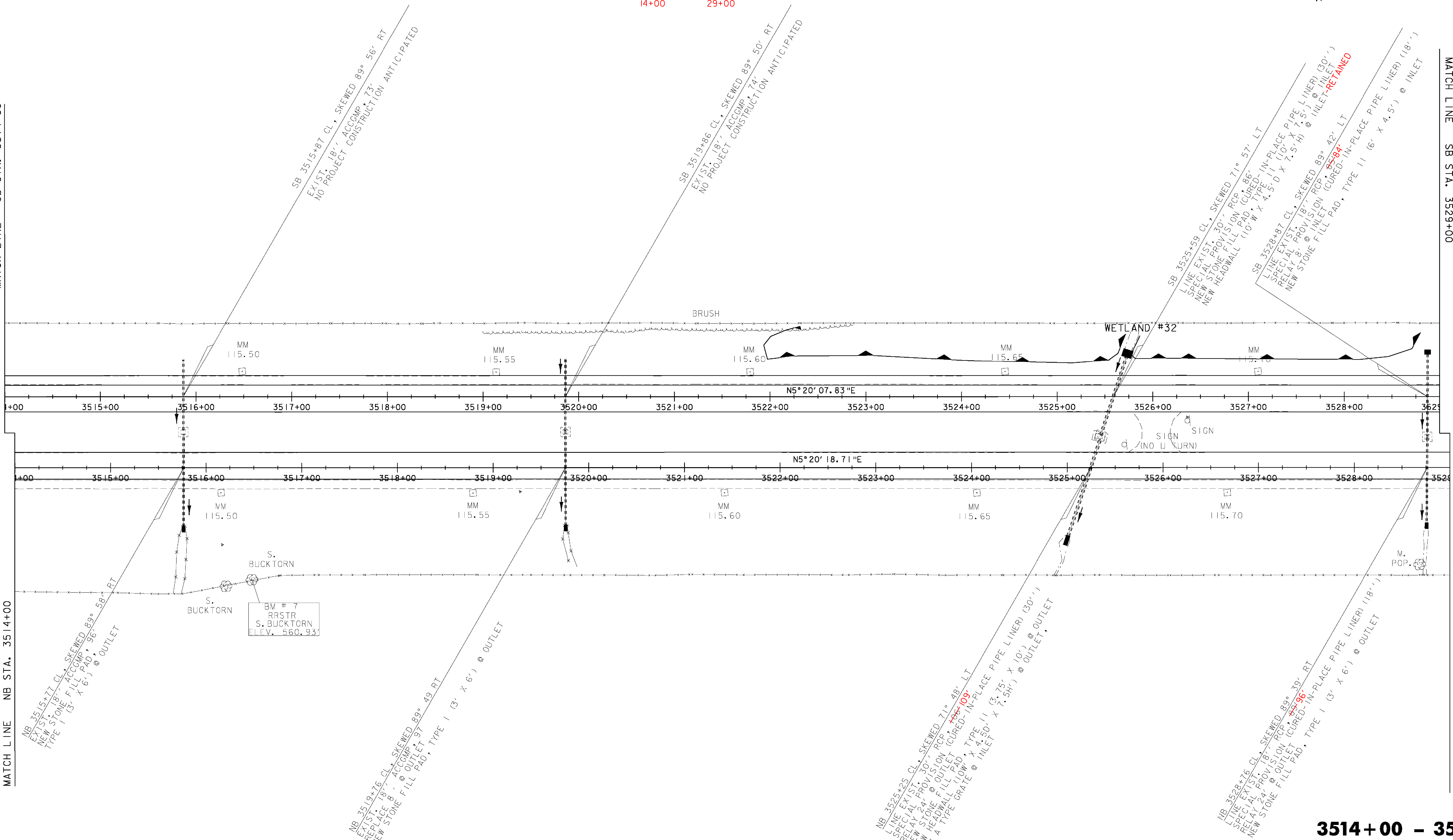
WOVEN WIRE FENCE, W/STEEL POSTS
 SB 3514+00 ~ SB 3540+38 LT 29+00
 NB 3508+27 ~ NB 3546+82 RT
 14+00 29+00

MATCH LINE SB STA. 3514+00

MATCH LINE NB STA. 3514+00

MATCH LINE SB STA. 3529+00

MATCH LINE NB STA. 3529+00



SB 3515+87 CL, SKEWED 89° 56' RT
 EXIST. 18" ACCOMP. 73'
 NO PROJECT CONSTRUCTION ANTICIPATED

SB 3519+86 CL, SKEWED 89° 50' RT
 EXIST. 18" ACCOMP. 74'
 NO PROJECT CONSTRUCTION ANTICIPATED

SB 3525+59 CL, SKEWED 71° 57' LT
 LINE EXIST. 30" RCP
 SPECIAL PROVISION RCP
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (10' W X 4.5' D X 7.5' H) @ INLET
 NEW HEADWALL (10' W X 4.5' D X 7.5' H) @ INLET

SB 3528+87 CL, SKEWED 89° 42' LT
 LINE EXIST. 18" RCP
 SPECIAL PROVISION RCP
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (30' W X 7.5' D X 7.5' H) @ INLET
 NEW STONE FILL PAD, TYPE I (6' X 4.5') @ INLET

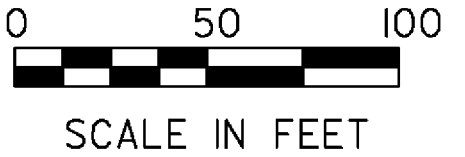
NB 3515+77 CL, SKEWED 89° 58' RT
 EXIST. 18" ACCOMP. 96'
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (10' W X 4.5' D X 7.5' H) @ OUTLET

NB 3519+76 CL, SKEWED 89° 49' RT
 EXIST. 18" ACCOMP. 97'
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (10' W X 4.5' D X 7.5' H) @ OUTLET

NB 3525+75 CL, SKEWED 71° 48' LT
 LINE EXIST. 30" RCP
 SPECIAL PROVISION RCP
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (10' W X 4.5' D X 7.5' H) @ INLET
 NEW HEADWALL (10' W X 4.5' D X 7.5' H) @ INLET
 NEW TYPE GRATE @ INLET X (7.5' H) @ OUTLET

NB 3528+76 CL, SKEWED 89° 39' RT
 LINE EXIST. 18" RCP
 SPECIAL PROVISION RCP
 NEW STONE FILL PAD (CURED-IN-PLACE PIPE LINER) (30' W X 7.5' D X 7.5' H) @ OUTLET
 NEW STONE FILL PAD, TYPE I (3' X 6') @ OUTLET

3514+00 - 3529+00



LAYOUT SHEET #7

PROJECT NAME:	ST. ALBANS - SWANTON	
PROJECT NUMBER:	IM 089-3(62)	
FILE NAME:	D96A058BDR.DGN	PLOT DATE: 26-AUG-2009
PROJECT LEADER:	K. ROBBIE	DRAWN BY: P. BEYOR
DESIGNED BY:	P. BEYOR	CHECKED BY: A. BOMBARDIER
D96A058L06.J		SHEET 28 OF 117

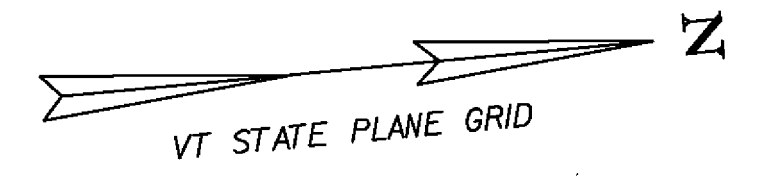
STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 NB 3541+65 ~ NB 3547+65 LT
 NB 3541+40 ~ NB 3544+00 LT

REMOVAL OF EXISTING FENCE
 NB 3495+11 ~ NB 3546+82 RT
 SB 3492+51 ~ SB 3546+22 LT

WOVEN WIRE FENCE, W/STEEL POSTS
 3529+00 SB 3514+00 ~ SB 3540+38 LT
 3529+00 NB 3508+27 ~ NB 3546+82 RT 3534+56

CHAIN-LINK FENCE, 6 FEET
 SB 3540+38 ~ SB 3546+22 LT 3544+00
 NB 3534+56 ~ NB 3546+82 RT 3544+00

MANUFACTURED TERMINAL SECTION, FLARED
 NB 3541+27.5 ~ NB 3541+65 LT
 NB 3541+02.5 ~ NB 3541+40 LT

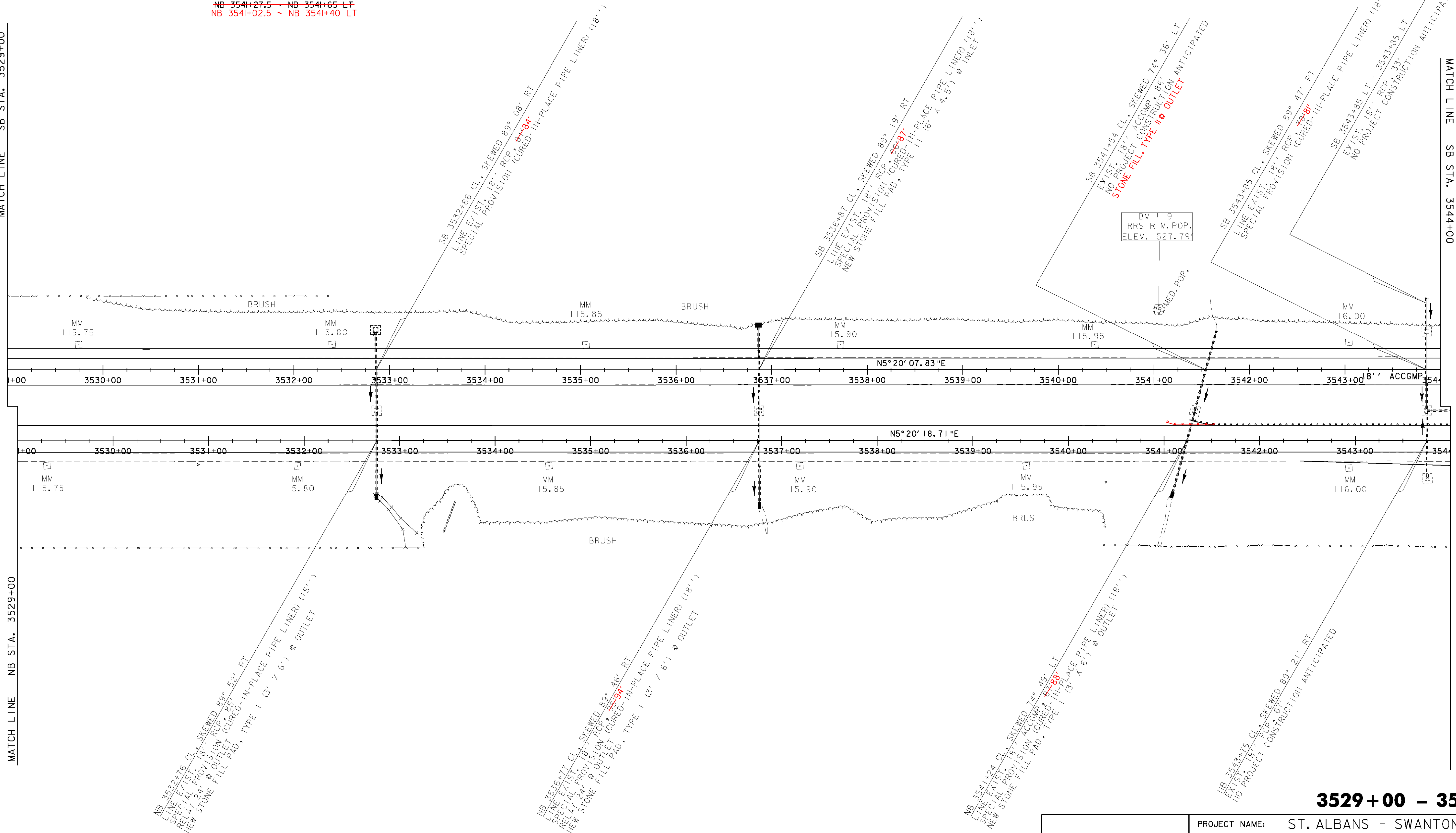


MATCH LINE SB STA. 3529+00

MATCH LINE NB STA. 3529+00

MATCH LINE SB STA. 3544+00

MATCH LINE NB STA. 3544+00

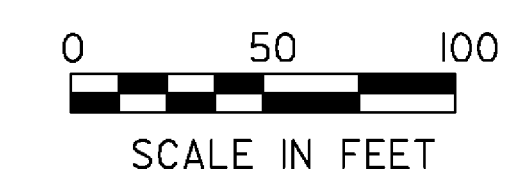


NB 3532+76 CL, SKEWED 89° 52' RT
 LINE EXIST. ACCOMP. CONSTRUCTION ANTICIPATED
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (18\"/>

NB 3536+77 CL, SKEWED 89° 46' RT
 LINE EXIST. ACCOMP. CONSTRUCTION ANTICIPATED
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (18\"/>

NB 3541+24 CL, SKEWED 74° 49' LT
 LINE EXIST. ACCOMP. CONSTRUCTION ANTICIPATED
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (18\"/>

NB 3543+75 CL, SKEWED 89° 21' RT
 LINE EXIST. ACCOMP. CONSTRUCTION ANTICIPATED
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (18\"/>



LAYOUT SHEET #8	PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: D96A058BDR.DGN	PLOT DATE: 26-AUG-2009
	PROJECT NUMBER: IM 089-3(62)	DESIGNED BY: P. BEYOR	DRAWN BY: P. BEYOR
		D96A058L07.J	CHECKED BY: A. BOMBARDIER
			SHEET 29 OF 117

3529+00 - 3544+00

REMOVAL OF EXISTING FENCE
 NB 3495+11 ~ NB 3546+82 RT
 NB 3547+20 ~ NB 3583+18 RT
 SB 3492+51 ~ SB 3546+22 LT
 SB 3546+61 ~ SB 3582+77 LT

CHAIN-LINK FENCE, 6 FEET
 3544+00 SB 3540+38 ~ SB 3546+22 LT
 SB 3546+61 ~ SB 3582+77 LT 3559+00
 3544+00 NB 3534+56 ~ NB 3546+82 RT
 NB 3547+20 ~ NB 3555+80 RT

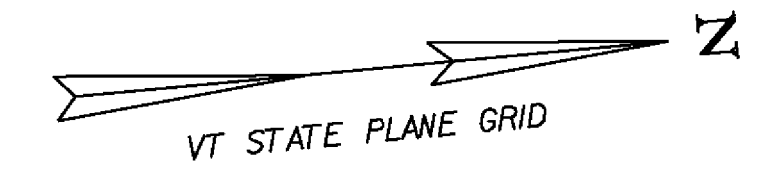
WOVEN WIRE FENCE, W/STEEL POSTS
 NB 3508+27 ~ NB 3546+82 RT
 NB 3555+80 ~ NB 3579+56 RT
 3559+00

STEEL BEAM GUARDRAIL, GALVANIZED
 3544+00 NB 3541+65 ~ NB 3547+65 LT
 SB 3546+00 ~ SB 3550+12.5 RT

MANUFACTURED TERMINAL SECTION, FLARED
 SB 3550+12.5 ~ SB 3550+50 RT

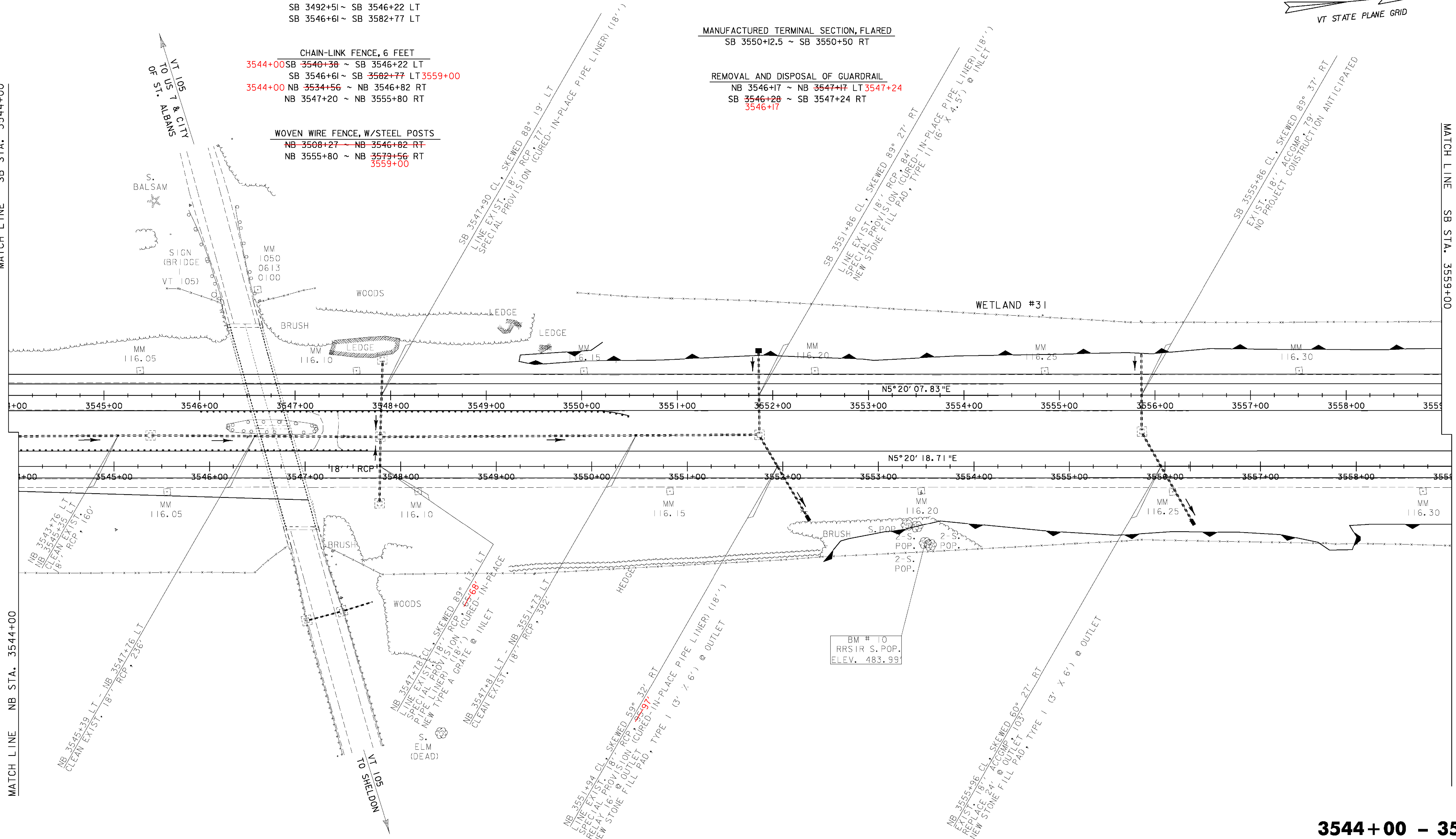
REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3546+17 ~ NB 3547+17 LT 3547+24
 SB 3546+28 ~ SB 3547+24 RT
 3546+17

SNOW BARRIER, GALVANIZED
 VT 105 - 144' LT 134.6
 VT 105 - 144' RT 134.6



MATCH LINE SB STA. 3544+00

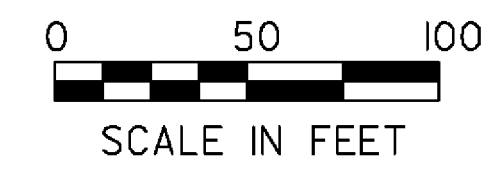
MATCH LINE SB STA. 3559+00



MATCH LINE NB STA. 3544+00

MATCH LINE NB STA. 3559+00

3544+00 - 3559+00



LAYOUT SHEET #9

PROJECT NAME:	ST. ALBANS - SWANTON	
PROJECT NUMBER:	IM 089-3(62)	
FILE NAME:	D96A058BDR.DGN	PLOT DATE: 03-SEP-2009
PROJECT LEADER:	K. ROBBIE	DRAWN BY: P. BEYOR
DESIGNED BY:	P. BEYOR	CHECKED BY: A. BOMBARDIER
D96A058L08.I		SHEET 30 OF 117

REMOVAL OF EXISTING FENCE
 NB 3547+20 ~ NB 3583+18 RT
 SB 3546+61 ~ SB 3582+77 LT

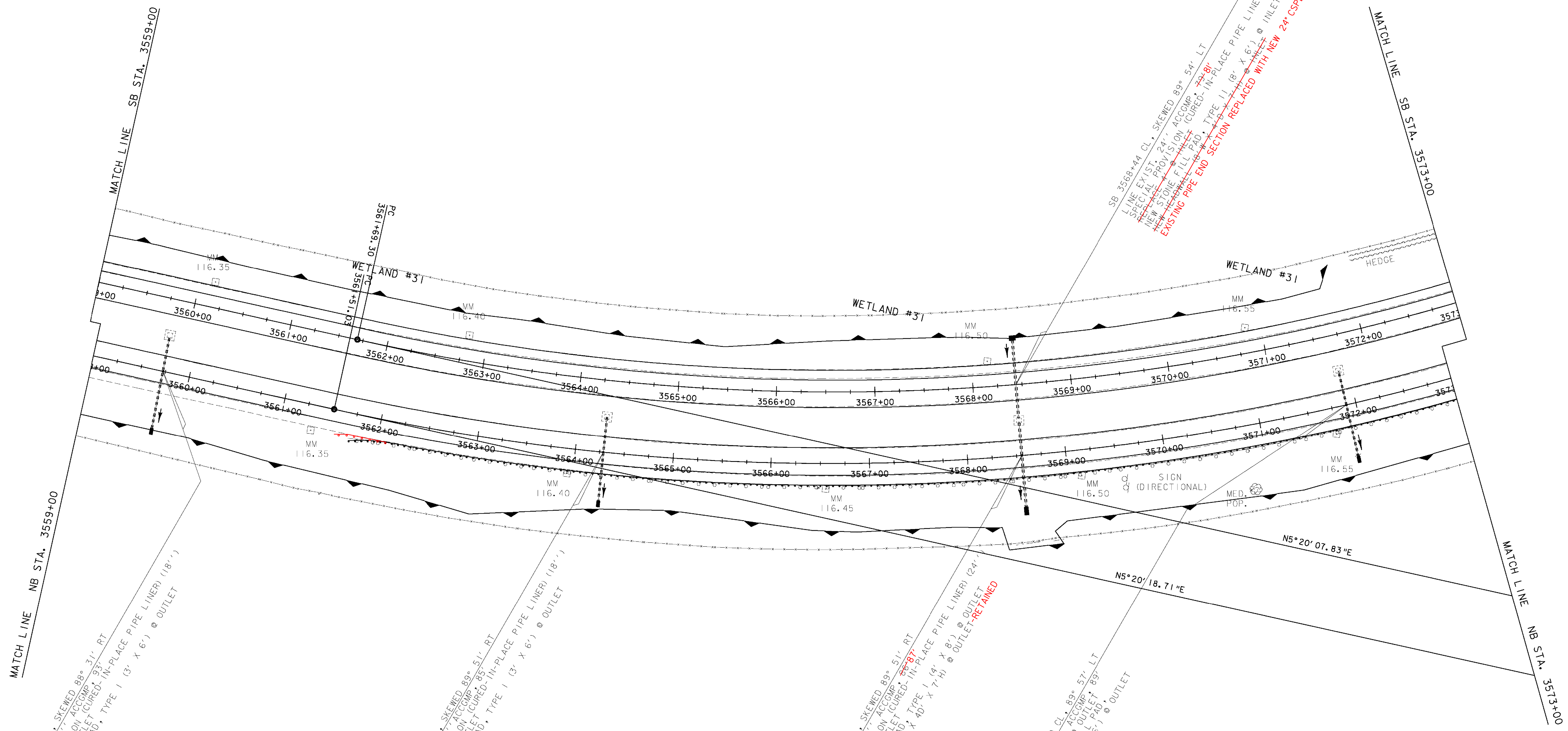
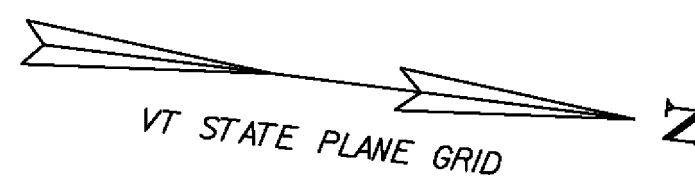
STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 NB 3562+10 ~ NB 3582+92 RT
 NB 3561+92 ~ NB 3573+00 RT

CHAIN-LINK FENCE, 6 FEET
 SB 3546+61 ~ SB 3582+77 LT
 3559+00 3573+00

MANUFACTURED TERMINAL SECTION, FLARED
 NB 3561+72.5 ~ NB 3562+10 RT
 NB 3561+54.5 ~ NB 3561+92 RT

WOVEN WIRE FENCE, W/STEEL POSTS
 NB 3555+80 ~ NB 3579+56 RT
 3559+00 3573+00

REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3561+71 ~ NB 3582+92 RT
 NB 3561+92 ~ NB 3573+00 RT

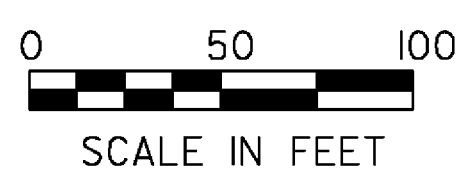


MATCH LINE NB STA. 3559+00
 NB 3559+72 CL, SKEWED 88° 31' RT
 SPECIAL PROVISION ACCOMP. 93'
 REPLACE 18\"/>

MATCH LINE SB STA. 3573+00
 NB 3564+29 CL, SKEWED 89° 51' RT
 SPECIAL PROVISION ACCOMP. 85'
 REPLACE 18\"/>

MATCH LINE NB STA. 3573+00
 NB 3568+55 CL, SKEWED 89° 51' RT
 SPECIAL PROVISION ACCOMP. 87'
 REPLACE 18\"/>

MATCH LINE SB STA. 3573+00
 NB 3571+80 CL, 89° 57' LT
 REPLACE 46\"/>



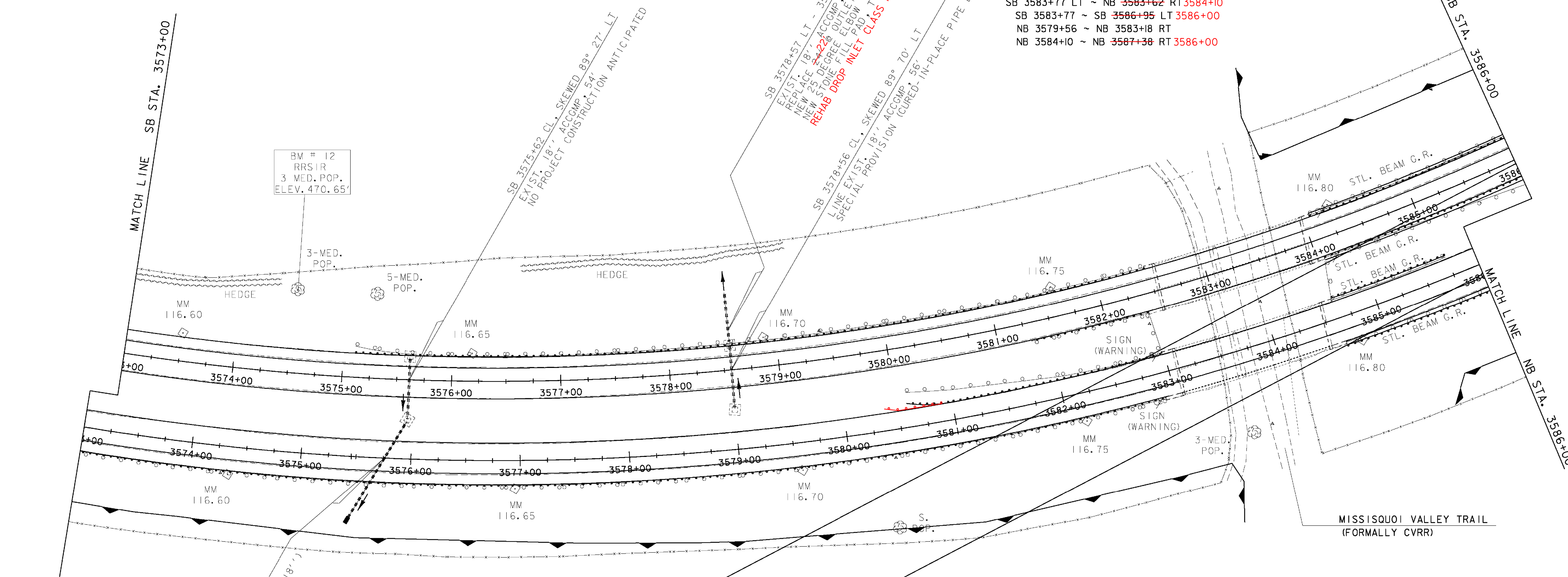
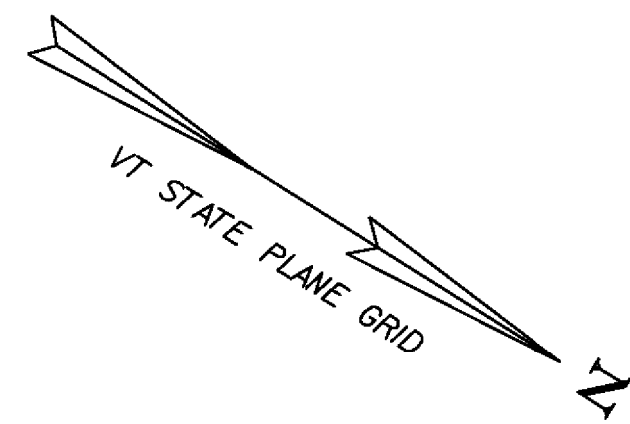
3559+00 - 3573+00

LAYOUT SHEET #10	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 03-SEP-2009
	PROJECT NUMBER: IM 089-3(62)	DRAWN BY: P. BEYOR
	DESIGNED BY: P. BEYOR	CHECKED BY: A. BOMBARDIER
	D96A058L09.J	SHEET 31 OF 117

WOVEN WIRE FENCE, W/STEEL POSTS
 NB 3555+80 ~ NB 3579+56 RT
 3573+00

REMOVAL OF EXISTING FENCE
 NB 3547+20 ~ NB 3583+18 RT
 NB 3584+10 ~ NB 3620+51 RT
 SB 3546+61 ~ SB 3582+77 LT
 SB 3582+77 LT ~ NB 3582+92 RT
 SB 3583+77 LT ~ NB 3583+62 RT
 SB 3583+78 ~ SB 3620+92 LT

CHAIN-LINK FENCE, 6 FEET
 3573+00 SB 3546+61 ~ SB 3582+77 LT
 SB 3582+77 LT ~ NB 3582+92 RT 3583+18
 SB 3583+77 LT ~ NB 3583+62 RT 3584+10
 SB 3583+77 ~ SB 3586+95 LT 3586+00
 NB 3579+56 ~ NB 3583+18 RT
 NB 3584+10 ~ NB 3587+38 RT 3586+00



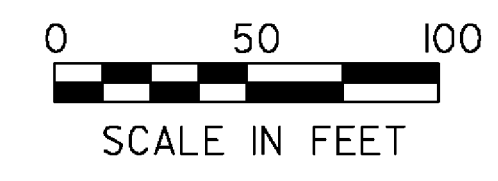
STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 NB 3573+00 NB 3562+10 ~ NB 3582+92 RT NB 3582+67 RT
 NB 3580+97 ~ NB 3582+97 LT
 NB 3584+99.5 NB 3584+62 ~ NB 3585+74.5 LT
 NB 3584+99.5 NB 3584+62 ~ NB 3604+74.5 RT SB 3586+00 RT
 SB 3575+13.1 ~ SB 3582+46 LT 3582+09
 SB 3581+27 ~ SB 3582+39.6 RT SB 3582+02 RT
 SB 3584+31 SB 3584+06 ~ SB 3603+93.5 LT SB 3586+00 LT
 SB 3584+07 ~ SB 3586+32 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 SB 3584+07 ~ SB 3586+00 RT
 NB 3580+72 ~ NB 3582+72 LT

SNOW BARRIER, GALVANIZED
 BRIDGE 92N 38.3' LT & 39.0' RT
 BRIDGE 92S 38.8' LT & 38.8' RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 3573+00 NB 3564+71 ~ NB 3582+92 RT
 NB 3580+59 ~ NB 3582+97 LT 3582+72
 NB 3584+99.5 NB 3584+62 ~ NB 3604+81 RT NB 3586+00 RT
 NB 3584+99.5 NB 3584+62 ~ NB 3585+74.5 LT NB 3585+74.5 LT
 SB 3575+13.1 ~ SB 3582+46 LT 3582+09
 SB 3581+27 ~ SB 3582+39.6 RT SB 3582+02 RT
 SB 3584+31 SB 3584+06 ~ SB 3604+35 LT SB 3586+00 LT
 SB 3584+07 ~ SB 3586+66 RT

MANUFACTURED TERMINAL SECTION, FLARED
 NB 3580+59.5 ~ NB 3580+97 LT
 NB 3580+34.5 ~ NB 3580+72 LT



3573+00 - 3586+00

LAYOUT SHEET #11

PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 26-AUG-2009
PROJECT NUMBER: IM 089-3(62)	DRAWN BY: P. BEYOR
FILE NAME: D96A058BDR.DGN	CHECKED BY: A. BOMBARDIER
PROJECT LEADER: K. ROBBE	SHEET 32 OF 117
DESIGNED BY: P. BEYOR	

REMOVAL OF EXISTING FENCE
 NB 3584+10 ~ NB 3620+51 RT
 SB 3583+78 ~ SB 3620+92 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3586+00 ~ NB 3584+62 ~ NB 3604+81 RT NB 3601+00 RT
 SB 3586+00 ~ SB 3584+06 ~ SB 3604+35 LT SB 3601+00 LT
 SB 3586+00 ~ SB 3584+07 ~ SB 3586+16 RT SB 3586+66 RT

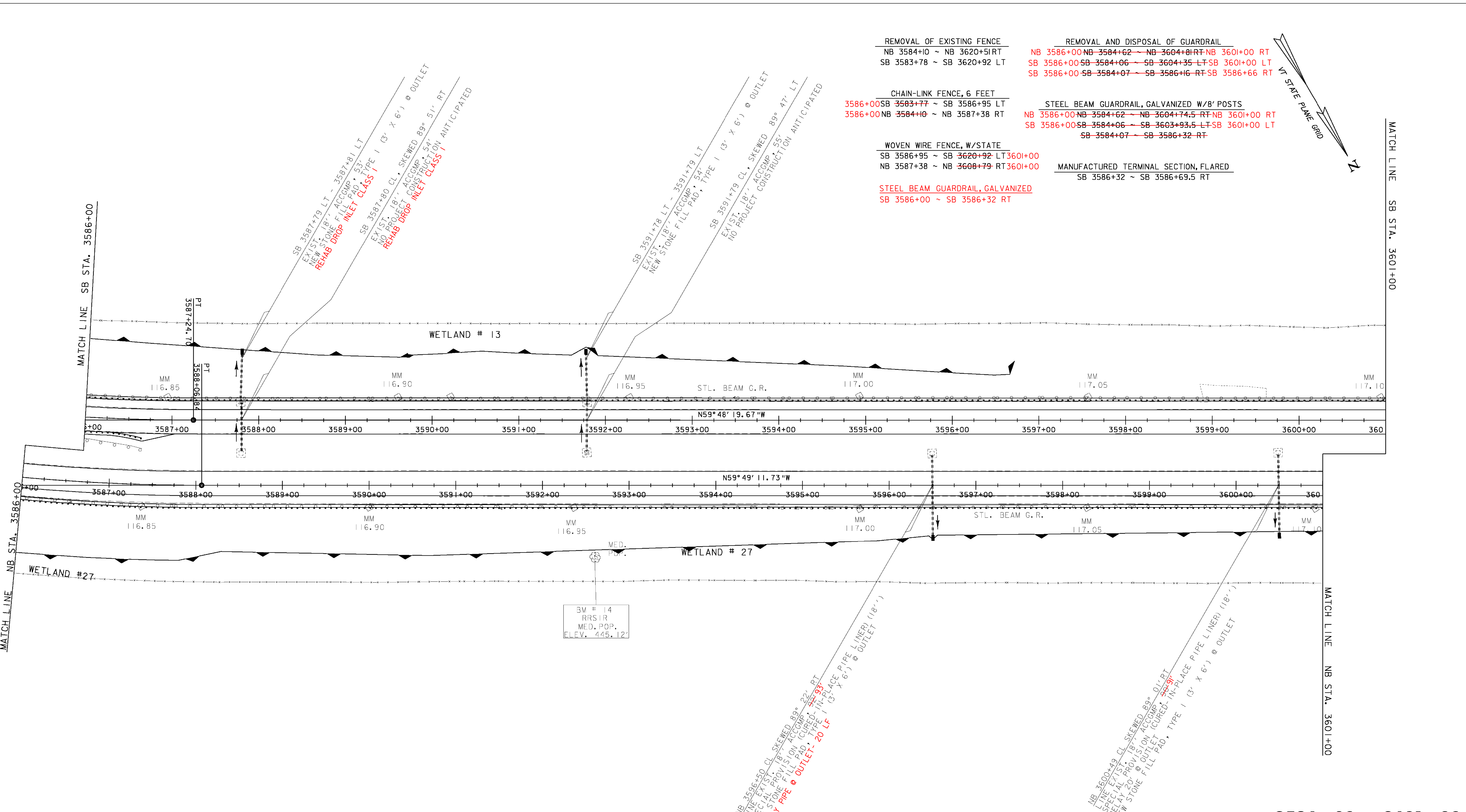
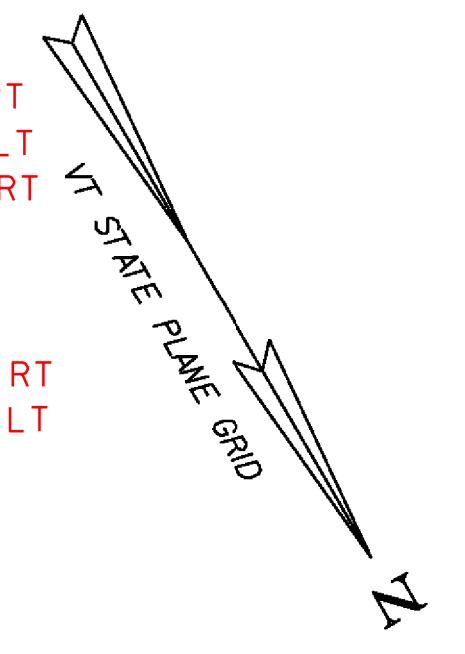
CHAIN-LINK FENCE, 6 FEET
 3586+00 SB 3583+77 ~ SB 3586+95 LT
 3586+00 NB 3584+10 ~ NB 3587+38 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 NB 3586+00 ~ NB 3584+62 ~ NB 3604+74.5 RT NB 3601+00 RT
 SB 3586+00 ~ SB 3584+06 ~ SB 3603+93.5 LT SB 3601+00 LT
 SB 3584+07 ~ SB 3586+32 RT

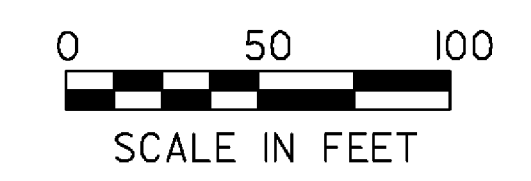
WOVEN WIRE FENCE, W/STATE
 SB 3586+95 ~ SB 3620+92 LT 3601+00
 NB 3587+38 ~ NB 3608+79 RT 3601+00

MANUFACTURED TERMINAL SECTION, FLARED
 SB 3586+32 ~ SB 3586+69.5 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 SB 3586+00 ~ SB 3586+32 RT



3586+00 - 3601+00



LAYOUT SHEET #12	PROJECT NAME: ST. ALBANS - SWANTON	
	PROJECT NUMBER: IM 089-3(62)	
	FILE NAME: D96A058BDR.DGN	PLOT DATE: 03-SEP-2009
	PROJECT LEADER: K. ROBIE	DRAWN BY: P. BEYOR
DESIGNED BY: P. BEYOR	CHECKED BY: A. BOMBARDIER	
D96A05L111		SHEET 33 OF 117

REMOVAL OF EXISTING FENCE
 NB 3584+10 ~ NB 3620+51 RT
 SB 3583+78 ~ SB 3620+92 LT

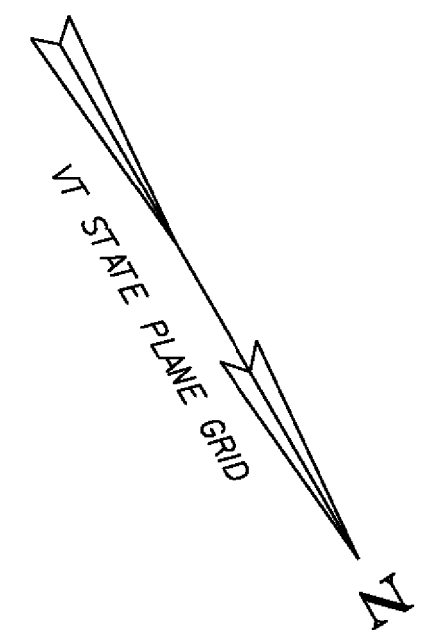
WOVEN WIRE FENCE, W/STEEL POSTS
 3601+00 SB 3586+95 ~ SB 3620+92 LT 3616+00
 3601+00 NB 3587+38 ~ NB 3608+79 RT

CHAIN-LINK FENCE, 6 FEET
 NB 3608+79 ~ NB 3620+51 RT
 3616+00

REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3601+00 NB 3584+62 ~ NB 3604+81 RT NB 3604+89 RT
 SB 3601+00 SB 3584+06 ~ SB 3604+35 LT SB 3604+31 LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
 NB 3601+00 NB 3584+62 ~ NB 3604+74.5 RT NB 3604+89 RT
 3601+00 SB 3584+06 ~ SB 3603+93.5 LT

MANUFACTURED TERMINAL SECTION, FLARED
 SB 3603+93.5 ~ SB 3604+31 LT

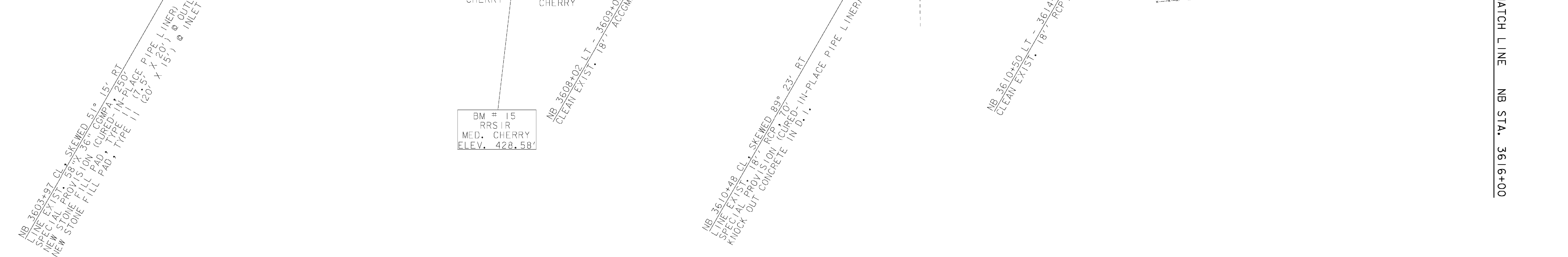
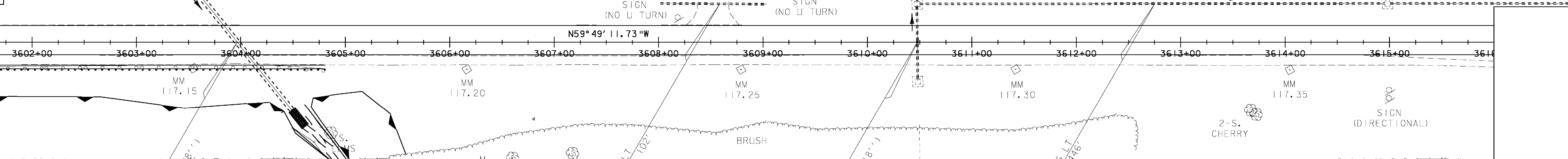
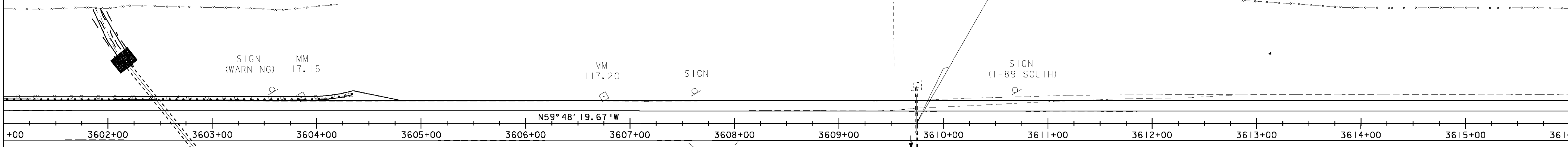


MATCH LINE SB STA. 3601+00

MATCH LINE SB STA. 3616+00

MATCH LINE NB STA. 3601+00

MATCH LINE NB STA. 3616+00



BM # 15
 RRS IR
 MED. CHERRY
 ELEV. 428.58'

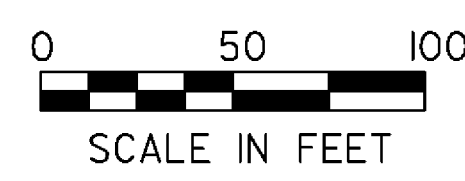
NB 3603+97 CL SKEWED 51° 15' RT
 LINE EXIST. 18' RCP
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER)
 NEW STONE FILL PAD, TYPE III (20' X 15') @ INLET

NB 3608+02 LT - 3609+03 LT
 CLEAN EXIST. 18' RCP
 ACCUM. 102'

NB 3610+48 CL SKEWED 89° 23' RT
 LINE EXIST. 18' RCP
 SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER)
 KNOCK OUT CONCRETE IN D.I.

NB 3614+50 LT - 3614+36 LT
 CLEAN EXIST. 18' RCP
 446'

3601+00 - 3616+00



LAYOUT SHEET #13

PROJECT NAME: ST. ALBANS - SWANTON	FILE NAME: D96A058BDR.DGN	PLOT DATE: 03-SEP-2009
PROJECT NUMBER: IM 089-3(62)	PROJECT LEADER: K. ROBBE	DRAWN BY: P. BEYOR
	DESIGNED BY: P. BEYOR	CHECKED BY: A. BOMBARDIER
	D96A058L12.J	SHEET 34 OF 117

REMOVAL OF EXISTING FENCE
 NB 3584+10 ~ NB 3620+51 RT
 NB 3620+51 RT ~ RAMP 'D' 49+46 RT
 RAMP 'B' 20+83 RT ~ 3643+28 RT
 SB 3583+78 ~ SB 3620+92 LT
 SB 3620+92 LT ~ RAMP 'C' 30+49 RT
 RAMP 'A' 21+37 RT ~ SB 3640+49 LT

WOVEN WIRE FENCE, W/STEEL POSTS
 SB 3586+95 ~ SB 3620+92 LT

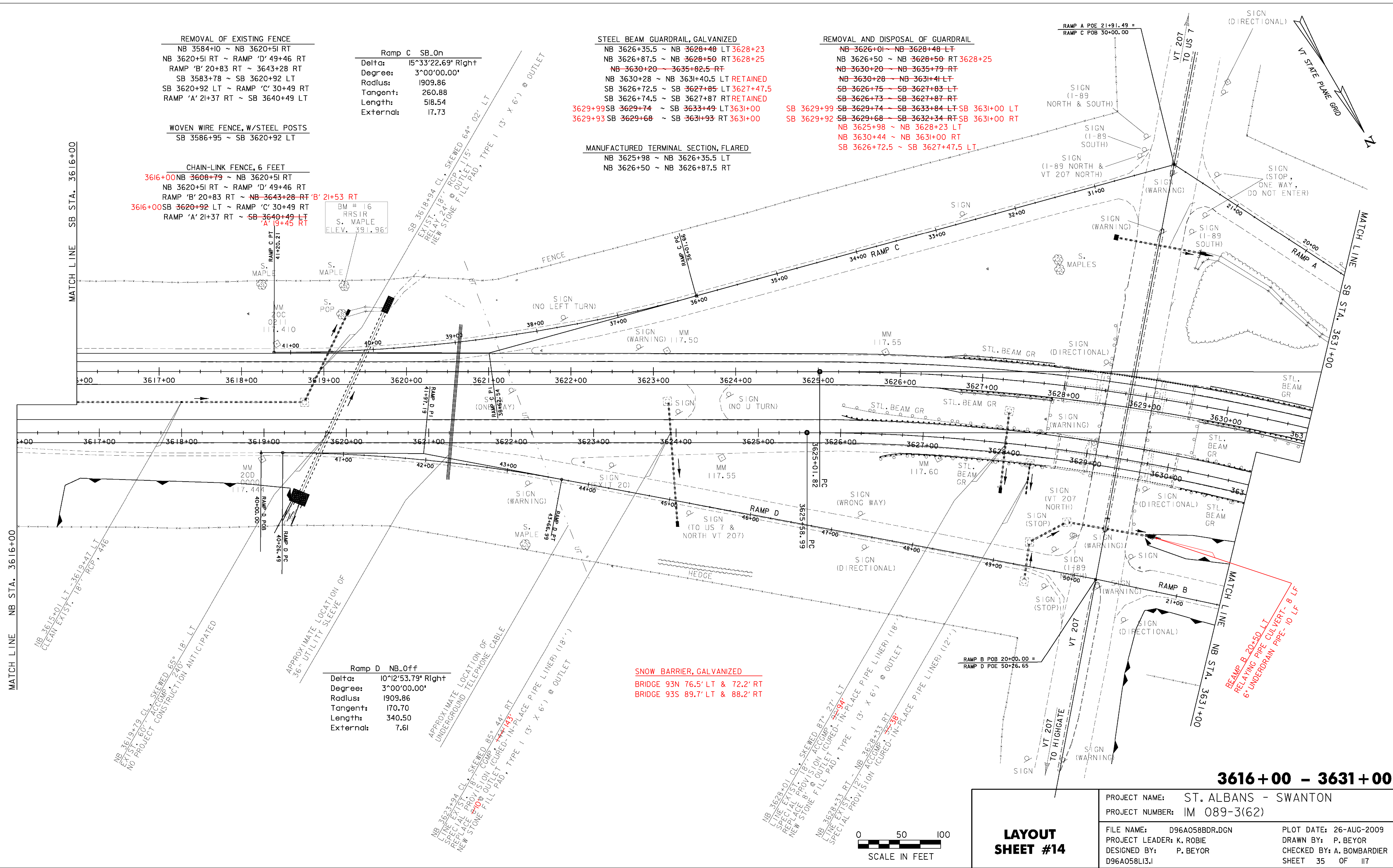
CHAIN-LINK FENCE, 6 FEET
 3616+00 NB 3600+79 ~ NB 3620+51 RT
 NB 3620+51 RT ~ RAMP 'D' 49+46 RT
 RAMP 'B' 20+83 RT ~ NB 3643+28 RT 'B' 21+53 RT
 3616+00 SB 3620+92 LT ~ RAMP 'C' 30+49 RT
 RAMP 'A' 21+37 RT ~ SB 3640+49 LT 'A' 19+45 RT

Ramp C SB_On
 Delta: 15°33'22.69" Right
 Degree: 3°00'00.00"
 Radius: 1909.86
 Tangent: 260.88
 Length: 518.54
 External: 17.73

STEEL BEAM GUARDRAIL, GALVANIZED
 NB 3626+35.5 ~ NB 3628+48 LT 3628+23
 NB 3626+87.5 ~ NB 3628+50 RT 3628+25
 NB 3630+20 ~ 3635+82.5 RT
 NB 3630+28 ~ NB 3631+40.5 LT RETAINED
 SB 3626+72.5 ~ SB 3627+85 LT 3627+47.5
 SB 3626+74.5 ~ SB 3627+87 RT RETAINED
 3629+99 SB 3629+74 ~ SB 3633+49 LT 3631+00
 3629+93 SB 3629+68 ~ SB 3631+93 RT 3631+00

REMOVAL AND DISPOSAL OF GUARDRAIL
 NB 3626+01 ~ NB 3628+48 LT
 NB 3626+50 ~ NB 3628+50 RT 3628+25
 NB 3630+20 ~ NB 3635+79 RT
 NB 3630+28 ~ NB 3631+41 LT
 SB 3626+75 ~ SB 3627+83 LT
 SB 3626+73 ~ SB 3627+87 RT
 SB 3629+99 SB 3629+74 ~ SB 3633+84 LT SB 3631+00 LT
 SB 3629+92 SB 3629+68 ~ SB 3632+34 RT SB 3631+00 RT
 NB 3625+98 ~ NB 3628+23 LT
 NB 3630+44 ~ NB 3631+00 RT
 SB 3626+72.5 ~ SB 3627+47.5 LT

MANUFACTURED TERMINAL SECTION, FLARED
 NB 3625+98 ~ NB 3626+35.5 LT
 NB 3626+50 ~ NB 3626+87.5 RT



MATCH LINE SB STA. 3616+00

MATCH LINE SB STA. 3631+00

MATCH LINE NB STA. 3616+00

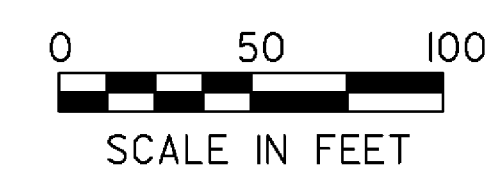
MATCH LINE NB STA. 3631+00

Ramp D NB_Off
 Delta: 10°12'53.79" Right
 Degree: 3°00'00.00"
 Radius: 1909.86
 Tangent: 170.70
 Length: 340.50
 External: 7.61

SNOW BARRIER, GALVANIZED
 BRIDGE 93N 76.5' LT & 72.2' RT
 BRIDGE 93S 89.7' LT & 88.2' RT

BEAM B 20+50 LT
 RELAYING PIPE CULVERT- 8 LF
 6" UNDERDRAIN PIPE- 10 LF

3616+00 - 3631+00



LAYOUT SHEET #14

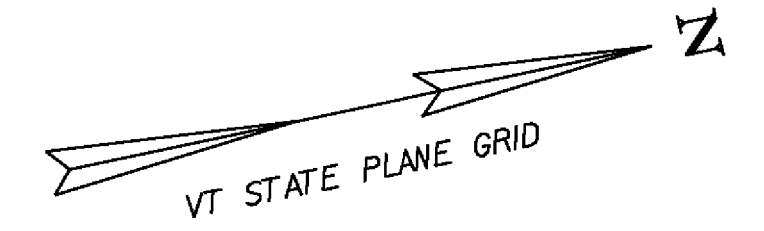
PROJECT NAME:	ST. ALBANS - SWANTON	PLOT DATE:	26-AUG-2009
PROJECT NUMBER:	IM 089-3(62)	DRAWN BY:	P. BEYOR
FILE NAME:	D96A058BDR.DGN	CHECKED BY:	A. BOMBARDIER
PROJECT LEADER:	K. ROBBE	SHEET	35 OF 117
DESIGNED BY:	P. BEYOR		
D96A058LI3J			

REMOVAL OF EXISTING FENCE
 NB 3643+28 ~ NB 3647+15 RT
 SB 3640+49 ~ SB 3647+40 LT

WOVEN WIRE FENCE W/STEEL POSTS
 3644+00 NB 3643+28 ~ NB 3647+15 RT
 3644+00 SB 3640+49 ~ SB 3647+40 LT

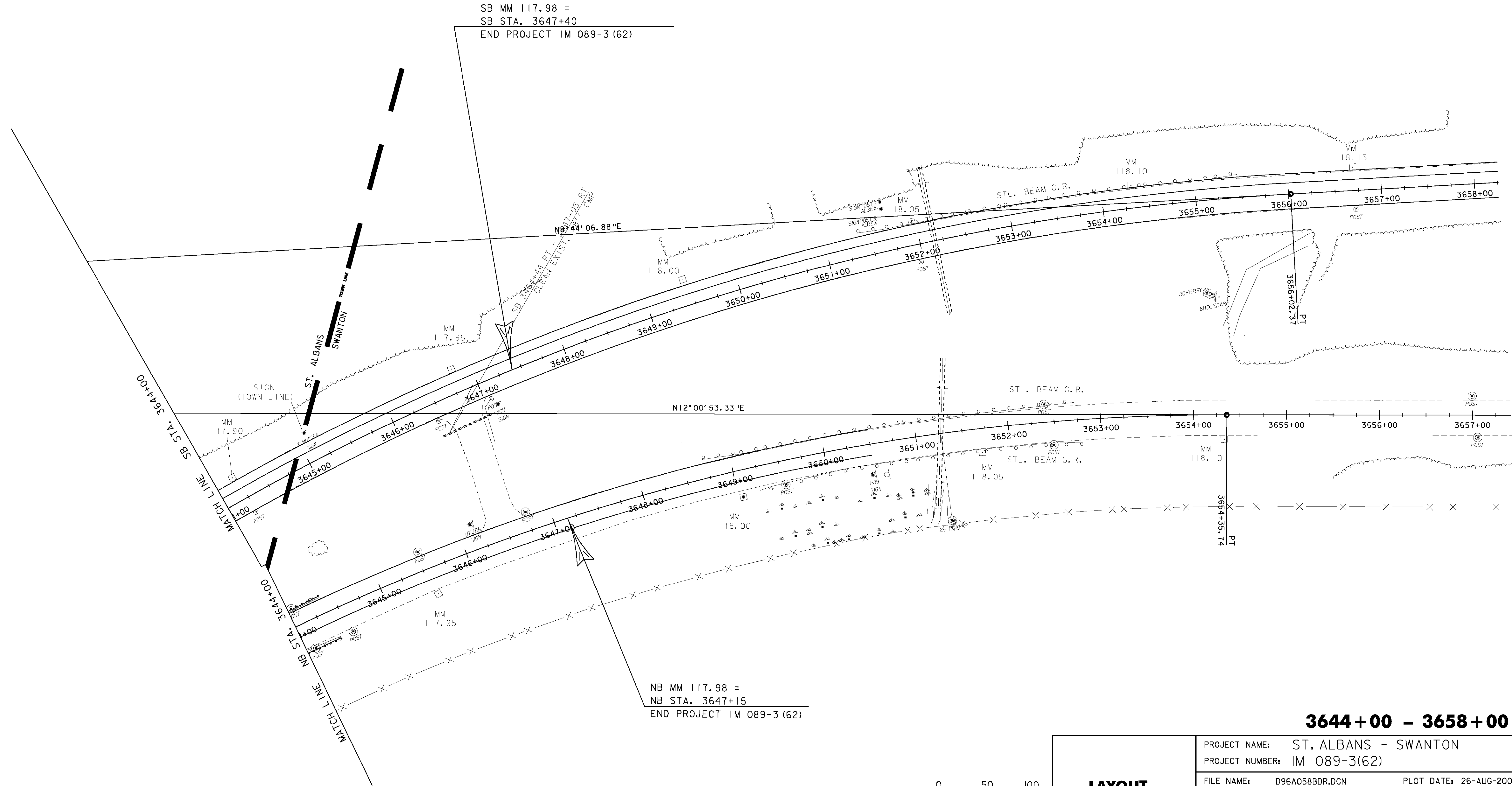
REMOVAL & DISPOSAL OF GUARDRAIL
 NB 3644+00 ~ NB 3644+36 LT
 RAMP 'B' 3644+00 RT ~ 3644+40 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 NB 3644+00 ~ NB 3644+34 LT
 RAMP 'B' 3644+00 RT ~ 3644+40 RT

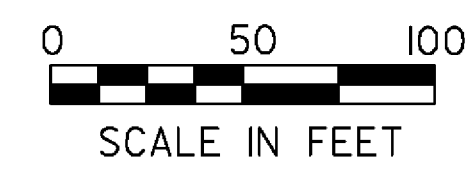


SB MM 117.98 =
 SB STA. 3647+40
 END PROJECT IM 089-3 (62)

NB MM 117.98 =
 NB STA. 3647+15
 END PROJECT IM 089-3 (62)



3644+00 - 3658+00

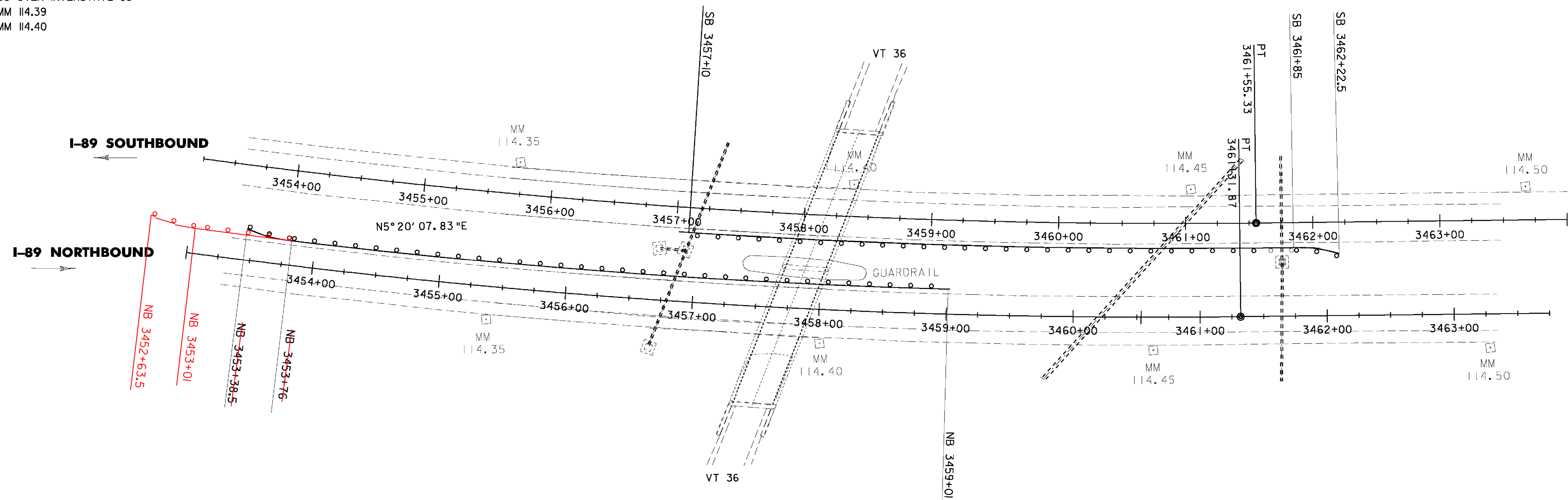


LAYOUT SHEET #16

PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 26-AUG-2009
PROJECT NUMBER: IM 089-3(62)	DRAWN BY: P. BEYOR
FILE NAME: D96A058BDR.DGN	CHECKED BY: A. BOMBARDIER
PROJECT LEADER: K. ROBBIE	SHEET 37 OF 117
DESIGNED BY: P. BEYOR	
D96A058L15.J	

GUARDRAIL LOCATIONS

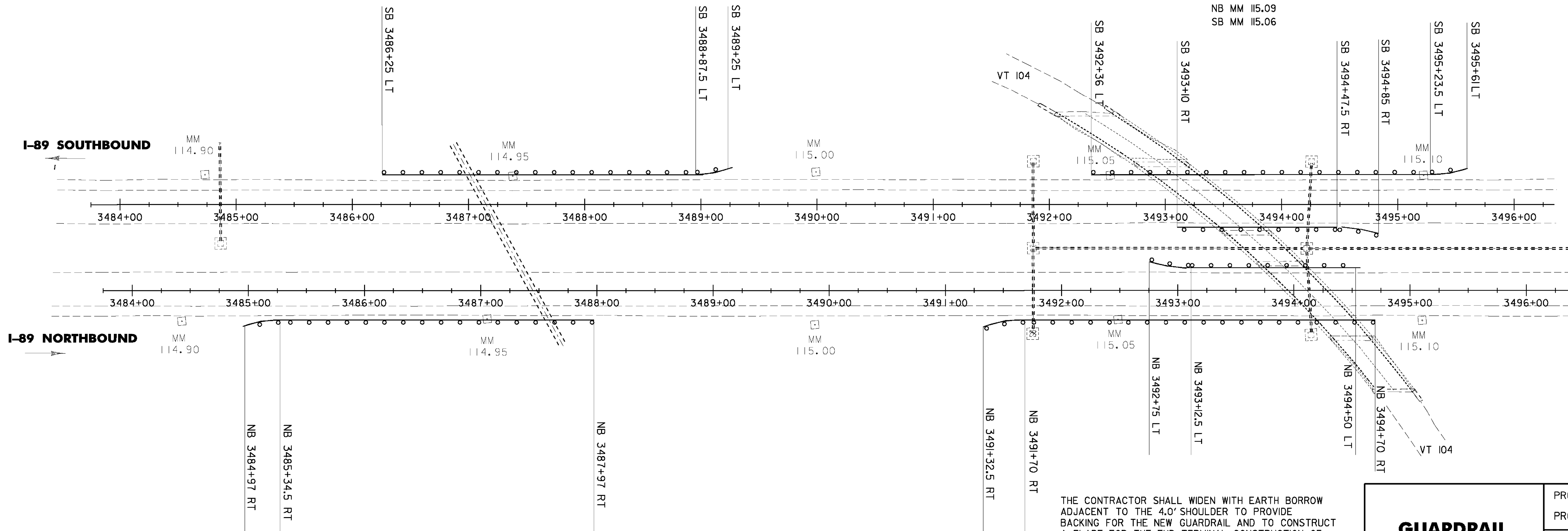
LOCATION:
 VT 36 OVER INTERSTATE 89
 NB MM 114.39
 SB MM 114.40



- 62I.20 STEEL BEAM GUARDRAIL, GALVANIZED
- 3453+0I NB 3453+76 LT ~ NB 3459+0I LT
- SB 3457+0I RT ~ SB 3461+85 RT
- 62I.50 MANUFACTURED TERMINAL SECTION, FLARED
- NB 3453+38.5 LT ~ NB 3453+76 LT
- SB 3461+85 RT ~ SB 3462+22.5 RT
- NB 3452+63.5 LT ~ NB 3453+0I LT
- 62I.60 ANCHOR FOR STEEL BEAM RAIL
- NB 3459+0I LT
- SB 3457+0I RT
- 62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- NB 3457+38 LT ~ 3458+36 LT
- SB 3457+54 RT ~ 3458+5I RT

GUARDRAIL LOCATIONS

LOCATION:
 VT 104 OVER INTERSTATE 89
 NB MM 115.09
 SB MM 115.06



- 62I.20 STEEL BEAM GUARDRAIL, GALVANIZED
- NB 3485+34.5 RT ~ NB 3487+97 RT
- NB 3491+70 RT ~ NB 3494+70 RT
- NB 3493+12.5 LT ~ NB 3494+50 LT
- SB 3486+25 LT ~ SB 3488+87.5 LT
- SB 3492+36 LT ~ SB 3495+23.5 LT
- SB 3493+0I RT ~ SB 3494+47.5 RT
- 62I.50 MANUFACTURED TERMINAL SECTION, FLARED
- NB 3484+97 RT ~ NB 3485+34.5 RT
- NB 3491+32.5 RT ~ NB 3491+70 RT
- NB 3492+75 LT ~ NB 3493+12.5 LT
- SB 3488+87.5 LT ~ SB 3489+25 LT
- SB 3495+23.5 LT ~ SB 3495+6I LT
- SB 3494+47.5 RT ~ SB 3494+85 RT
- 62I.60 ANCHOR FOR STEEL BEAM RAIL
- NB 3487+97 RT
- NB 3494+70 RT
- NB 3494+50 LT
- SB 3486+25 LT
- SB 3492+36 LT
- SB 3493+0I RT
- 62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- 3484+97 NB 3484+94 RT ~ NB 3487+97 RT
- 3491+32.5 NB 3491+3I RT ~ NB 3494+70 RT
- 3492+75 NB 3492+74 LT ~ NB 3494+53 LT 3494+50
- 3486+25 SB 3486+26 LT ~ SB 3489+25 LT
- 3492+36 SB 3492+37 LT ~ SB 3495+6I LT
- SB 3493+0I RT ~ SB 3494+85 RT

THE CONTRACTOR SHALL WIDEN WITH EARTH BORROW ADJACENT TO THE 4.0' SHOULDER TO PROVIDE BACKING FOR THE NEW GUARDRAIL AND TO CONSTRUCT A FLARE FOR THE END TERMINAL. CONSTRUCTION OF THE WIDENING AND TERMINAL FLARE SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD G-19.

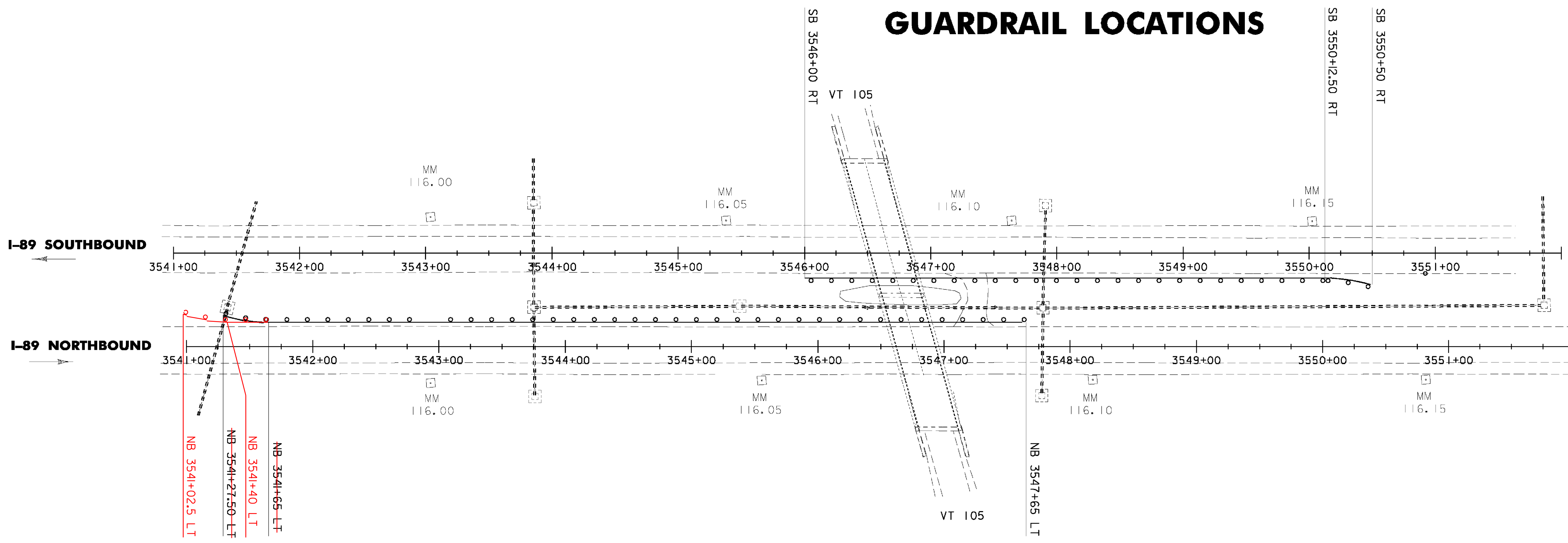
DETAILS ARE NOT TO SCALE

GUARDRAIL TREATMENT DETAIL SHEET 1

PROJECT NAME: ST. ALBANS - SWANTON
 PROJECT NUMBER: IM 089-3(62)

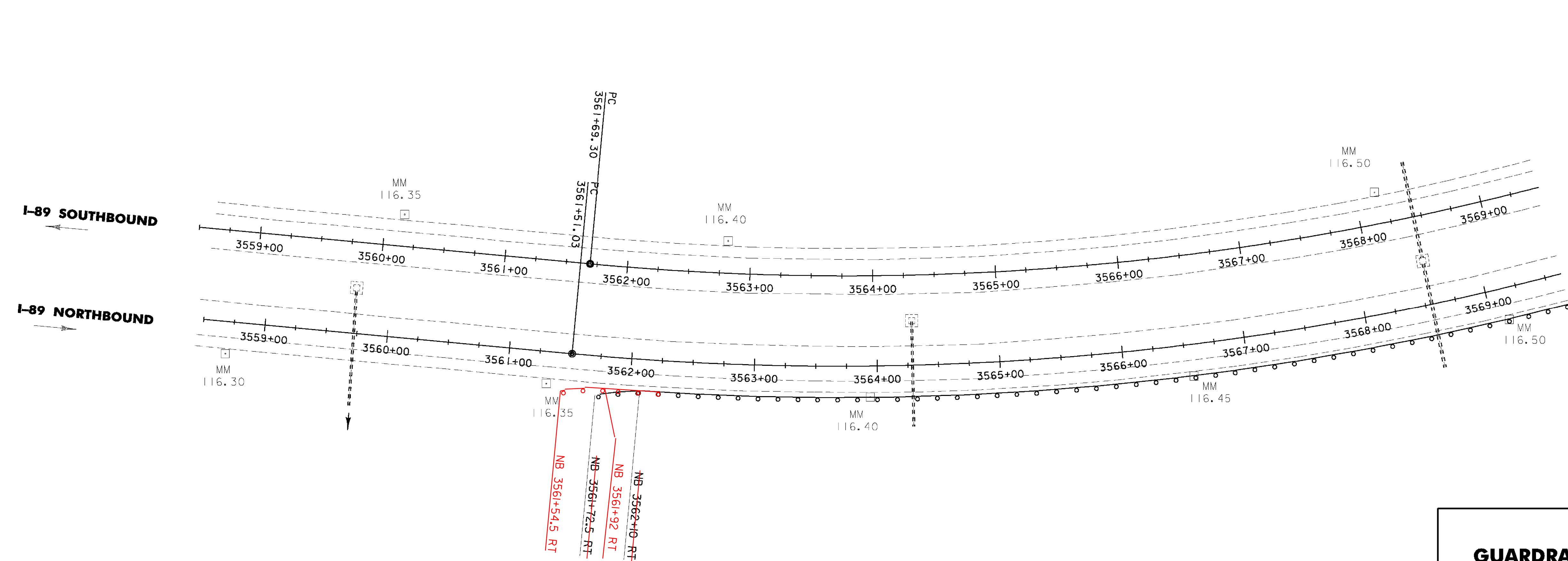
FILE NAME: D96A058FRM.DGN PLOT DATE: 26-AUG-2009
 PROJECT LEADER: K. ROBBIE DRAWN BY: P. BEYOR
 DESIGNED BY: P. BEYOR CHECKED BY: S. MENARD
 PLOT FILE: D96A058GRTI.I SHEET 38 OF 117

GUARDRAIL LOCATIONS



- 62I.20 STEEL BEAM GUARDRAIL, GALVANIZED
- 3541+40 NB 3541+65 LT ~ NB 3547+65 LT
- SB 3546+00 RT ~ SB 3550+12.50 RT
- 62I.50 MANUFACTURED TERMINAL SECTION, FLARED
- NB 3541+27.50 LT ~ NB 3541+65 LT
- SB 3550+12.50 RT ~ SB 3550+50 RT
- NB 3541+02.5 LT ~ NB 3541+40 LT
- 62I.60 ANCHOR FOR STEEL BEAM RAIL
- NB 3547+65 LT
- SB 3546+00 RT
- 62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- NB 3546+17 LT ~ NB 3547+14 LT 3547+24
- SB 3546+28 RT ~ SB 3547+24 RT
- 3546+17

GUARDRAIL LOCATIONS



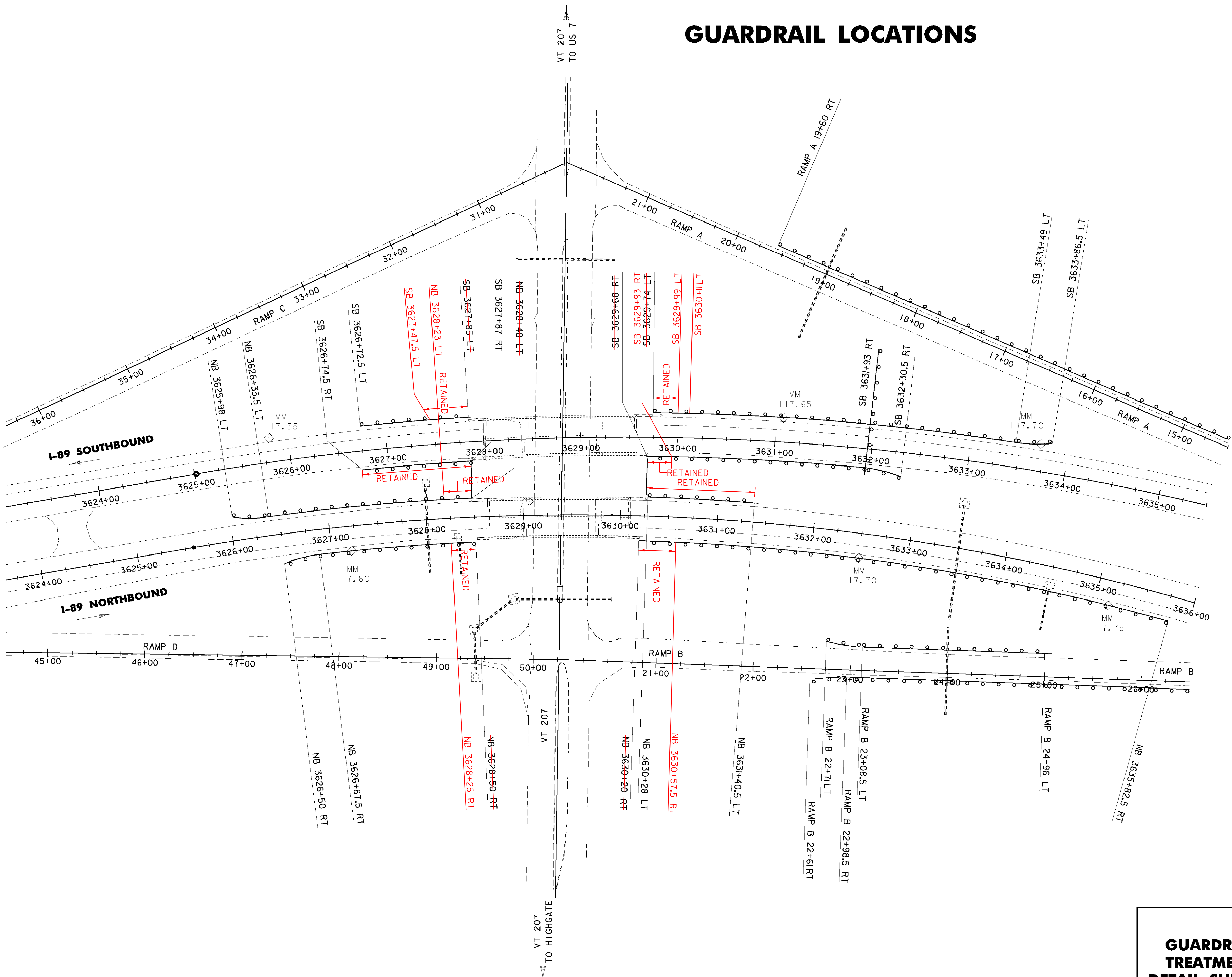
- 62I.205 STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FEET POSTS
- NB 3562+10 RT ~ NB 3582+92 RT
- NB 3561+92 RT ~ NB 3582+67 RT
- 62I.50 MANUFACTURED TERMINAL SECTION, FLARED
- NB 3561+72.5 RT ~ NB 3562+10 RT
- NB 3561+54.5 RT ~ NB 3561+92 RT
- 62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL
- NB 3561+71 RT ~ NB 3582+92 RT
- NB 3561+92 RT ~ NB 3582+67 RT

DETAILS ARE NOT TO SCALE

GUARDRAIL TREATMENT DETAIL SHEET 2

PROJECT NAME:	ST. ALBANS - SWANTON	
PROJECT NUMBER:	IM 089-3(62)	
FILE NAME:	D96A058FRM.DGN	PLOT DATE: 03-SEP-2009
PROJECT LEADER:	K. ROBBIE	DRAWN BY: P. BEYOR
DESIGNED BY:	P. BEYOR	CHECKED BY: S. MENARD
PLOT FILE:	D96A058GRT2.1	SHEET 39 OF 117

GUARDRAIL LOCATIONS



62I.20 STEEL BEAM GUARDRAIL, GALVANIZED

~~NB 3626+35.5 LT ~ NB 3628+48 LT NB 3628+23 LT~~
~~NB 3626+87.5 RT ~ NB 3628+50 RT NB 3628+25 RT~~
~~NB 3630+20 RT ~ NB 3635+82.5 RT~~
 NB 3630+28 LT ~ NB 3631+40.5 LT **RETAINED**
 SB 3626+74.5 RT ~ SB 3627+87 RT **RETAINED**
 SB 3626+72.5 LT ~ ~~SB 3627+85 LT SB 3627+47.5 LT~~
 SB 3629+93 RT ~~SB 3629+68 RT~~ ~ SB 3631+93 RT
 SB 3629+99 LT ~~SB 3629+74 LT~~ ~ SB 3633+49 LT
 RAMP A 19+60 RT ~ SB 3641+57.5 LT
 RAMP B 22+98.5 RT ~ NB 3644+40 RT
 RAMP B 23+08.5 LT ~ RAMP B 24+96 LT

62I.50 MANUFACTURED TERMINAL SECTION, FLARED

NB 3625+98 LT ~ NB 3626+35.5 LT
 NB 3626+50 RT ~ NB 3626+87.5 RT
 SB 3631+93 RT ~ SB 3632+30.5 RT
 SB 3633+49 LT ~ SB 3633+86.5 LT
 RAMP B 22+61 RT ~ RAMP B 22+98.5 RT
 RAMP B 22+71 LT ~ RAMP B 23+08.5 LT

62I.60 ANCHOR FOR STEEL BEAM RAIL

~~NB 3631+40.5 LT~~ SB 3630+11 LT
~~NB 3635+82.5 RT~~ SB 3627+47.5 LT
~~SB 3626+74.5 RT~~ SB 3629+93 RT
 SB 3626+72.5 LT NB 3630+57.5 RT
 RAMP A 19+60 RT
 RAMP B 24+96 LT

62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL

NB 3625+98 LT ~~NB 3626+01 LT~~ ~ NB 3628+48 LT NB 3628+23 LT
 NB 3626+50 RT ~ NB 3628+50 RT NB 3628+25 RT
 NB 3630+44 RT ~~NB 3630+20 RT~~ ~ NB 3635+79 RT NB 3635+75 RT
~~NB 3630+28 LT~~ ~ ~~NB 3631+41 LT~~
 SB 3626+72.5 LT ~~SB 3626+73 RT~~ ~ ~~SB 3627+87 RT~~ SB 3627+47.5 LT
~~SB 3626+75 LT~~ ~ ~~SB 3627+83 LT~~
 SB 3629+92 RT ~~SB 3629+68 RT~~ ~ ~~SB 3632+34 RT~~ SB 3632+33 RT
 SB 3629+99 LT ~~SB 3629+74 LT~~ ~ ~~SB 3633+84 LT~~ SB 3633+86.5 RT
 RAMP A 19+60 RT ~ SB 3641+95 LT
 RAMP B 22+61 RT ~ NB 3644+40 RT
 RAMP B 22+71 LT ~ RAMP B 24+96 LT

62I.205 STEEL BEAM GUARDRAIL, GALVANIZED W/ 8 FOOT POSTS

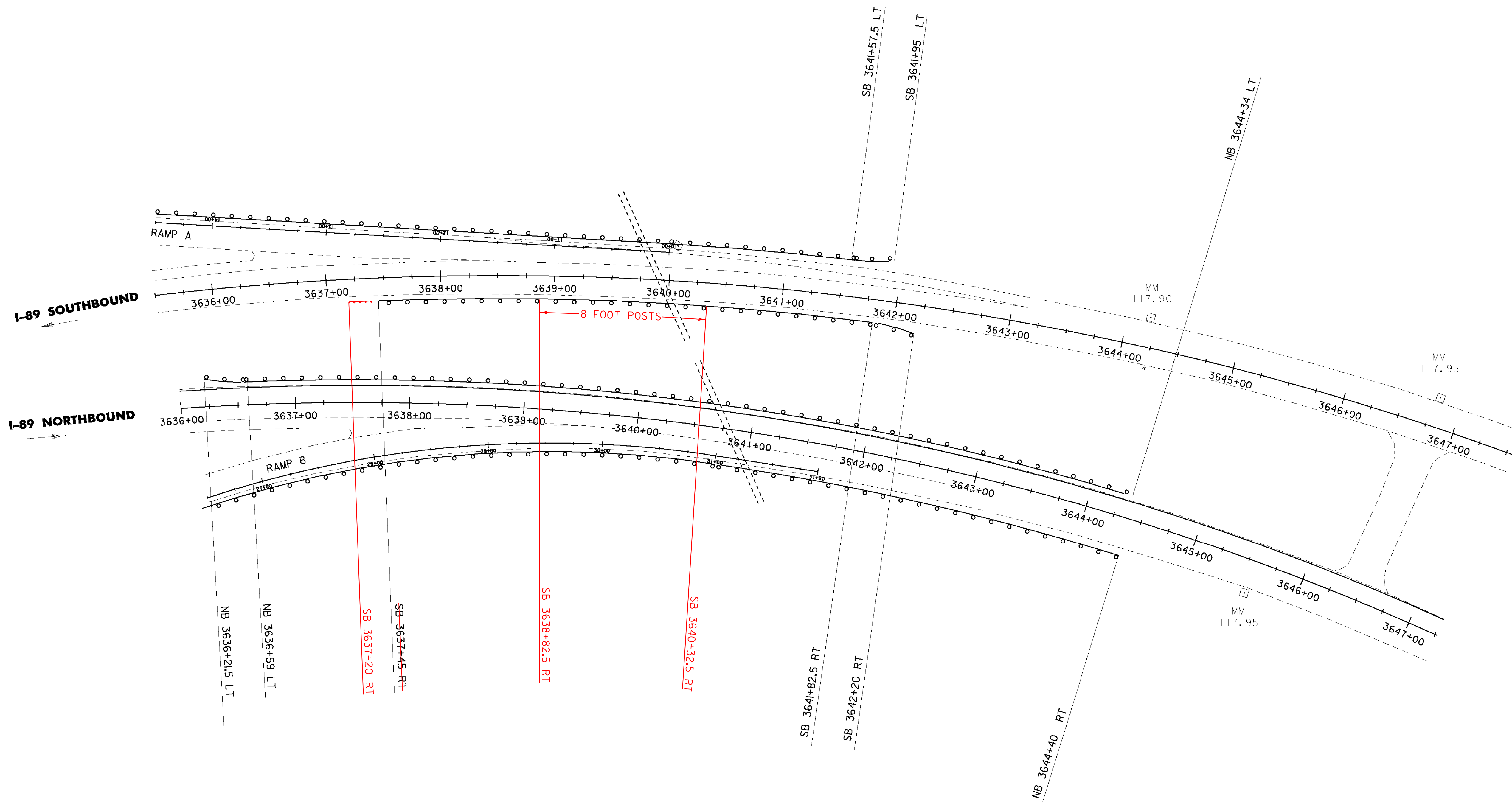
NB 3630+57.5 RT ~ NB 3635+84.5 RT

THE CONTRACTOR SHALL WIDEN WITH EARTH BORROW ADJACENT TO THE 4.0' SHOULDER TO PROVIDE BACKING FOR THE NEW GUARDRAIL AND TO CONSTRUCT A FLARE FOR THE END TERMINAL. CONSTRUCTION OF THE WIDENING AND TERMINAL FLARE SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD G-19.

GUARDRAIL TREATMENT DETAIL SHEET 4	PROJECT NAME: ST. ALBANS - SWANTON
	PROJECT NUMBER: IM 089-3(62)
	FILE NAME: D96A058FRM.DGN PLOT DATE: 03-SEP-2009
	PROJECT LEADER: K. ROBBIE DRAWN BY: P. BEYOR
DESIGNED BY: P. BEYOR CHECKED BY: S. MENARD	
PLOT FILE: D96A058GRT4.1 SHEET 41 OF 117	

DETAILS ARE NOT TO SCALE

GUARDRAIL LOCATIONS



62I.20 STEEL BEAM GUARDRAIL, GALVANIZED

RAMP A 19+60 RT ~ SB 3641+57.5 LT
~~SB 3637+45 RT ~ SB 3641+82.5 RT~~
 RAMP B 22+98.5 RT ~ NB 3644+40 RT
 NB 3636+59 LT ~ NB 3644+34 LT
 SB 3637+20 RT ~ SB 3638+82.5 RT
 SB 3640+32.5 RT ~ SB 3641+82.5 RT

62I.50 MANUFACTURED TERMINAL SECTION, FLARED

SB 3641+82.5 RT ~ SB 3642+20 RT
 SB 3641+57.5 LT ~ SB 3641+95 LT
 NB 3636+21.5 LT ~ NB 3636+59 LT

62I.60 ANCHOR FOR STEEL BEAM RAIL

NB 3644+34 LT
 NB 3644+40 RT
~~SB 3637+45 RT~~
~~SB 3637+20 RT~~

62I.80 REMOVAL AND DISPOSAL OF GUARDRAIL

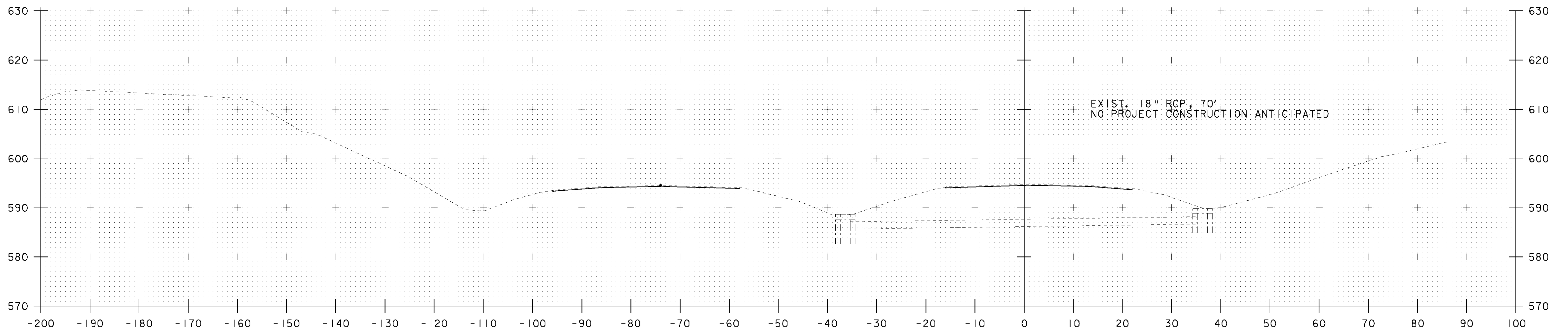
RAMP A 19+60 RT ~ SB 3641+95 LT
 SB 3637+35 RT ~ SB 3642+20 RT
 RAMP B 22+61 RT ~ NB 3644+40 RT
 NB 3636+23 LT ~ NB 3644+36 LT

62I.205 STEEL BEAM GUARDRAIL, GALV. W/ 8' POSTS
 SB 3638+82.5 RT ~ SB 3640+32.5 RT

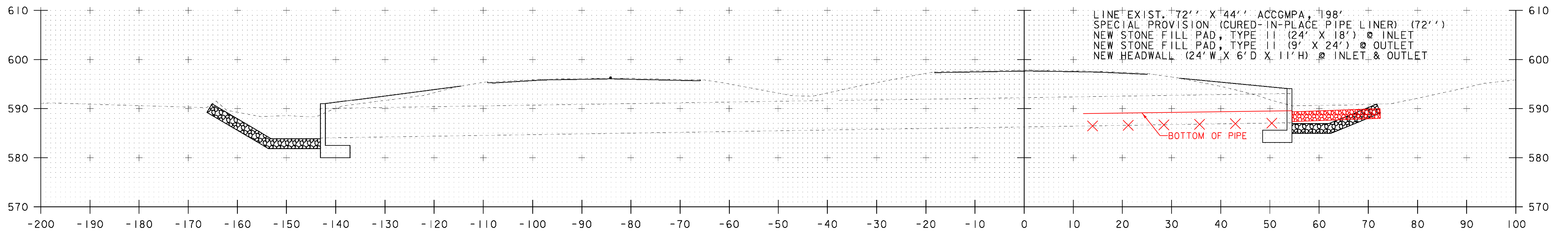
THE CONTRACTOR SHALL WIDEN WITH EARTH BORROW ADJACENT TO THE 4.0' SHOULDER TO PROVIDE BACKING FOR THE NEW GUARDRAIL AND TO CONSTRUCT A FLARE FOR THE END TERMINAL. CONSTRUCTION OF THE WIDENING AND TERMINAL FLARE SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD G-19.

GUARDRAIL TREATMENT DETAIL SHEET 5	PROJECT NAME: ST. ALBANS - SWANTON	PLOT DATE: 26-AUG-2009
	PROJECT NUMBER: IM 089-3(62)	DRAWN BY: P. BEYOR
	FILE NAME: D96A058FRM.DGN	CHECKED BY: S. MENARD
	PROJECT LEADER: K. ROBIE	SHEET 42 OF 117
	DESIGNED BY: P. BEYOR	
	PLOT FILE: D96A058GRT5.1	

DETAILS ARE NOT TO SCALE



NB 3491+76 CL
 SKEW: 89° 56' LT



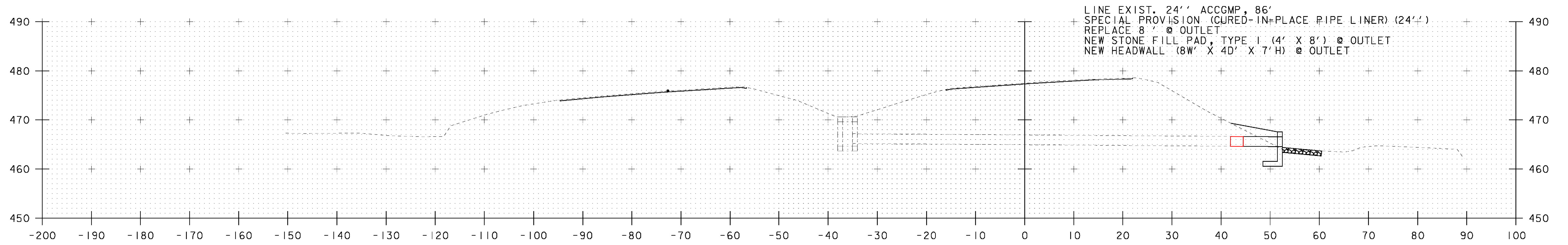
NB 3487+45 CL
 SKEW: 61° 31' RT

NB DRAINAGE CROSS SECTIONS #7

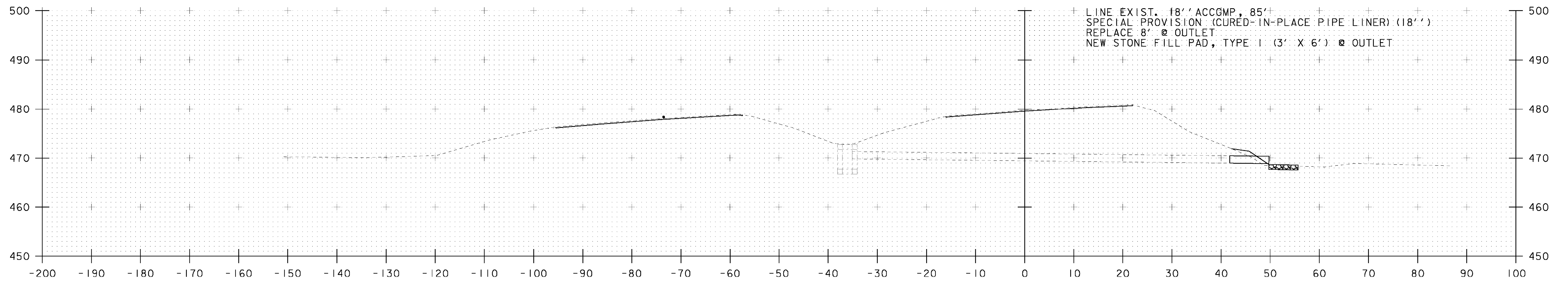
PROJECT NAME: ST. ALBANS - SWANTON
 PROJECT NUMBER: IM 089-3(62)

FILE NAME: D96A058NBXS.DGN PLOT DATE: 26-AUG-2009
 PROJECT LEADER: K. ROBBIE DRAWN BY: P. PELOQUIN
 DESIGNED BY: P. PELOQUIN CHECKED BY: S. MENARD
 D96A058NDS7.I SHEET 54 OF 117

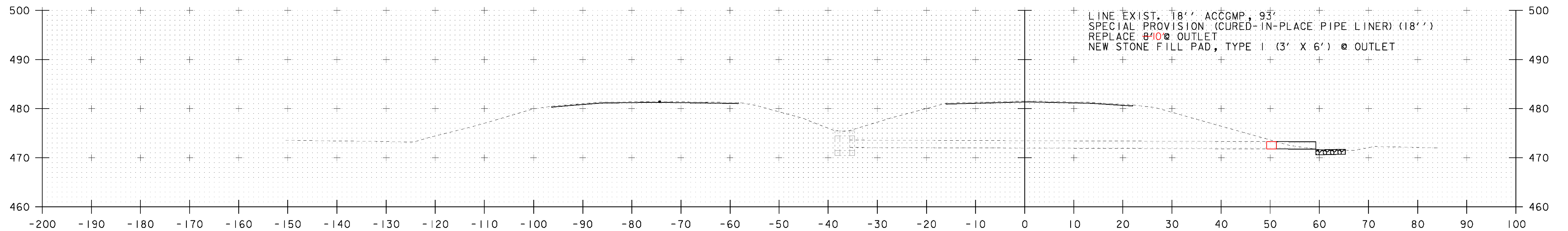
STA. 3487+45 TO STA. 3491+76



NB 3568+55 CL
SKEW: 89° 51' RT



NB 3564+29 CL
SKEW: 89° 51' RT



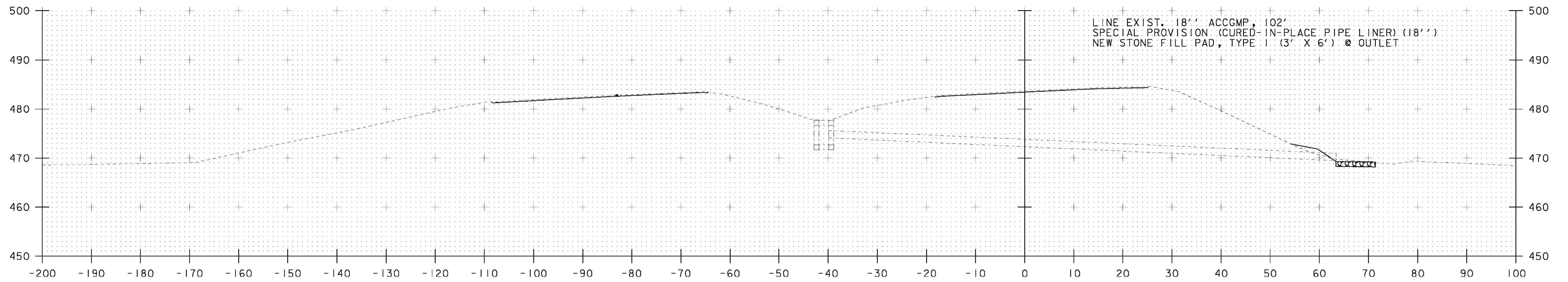
NB 3559+72 CL
SKEW: 88° 31' RT

NB DRAINAGE CROSS SECTIONS #15

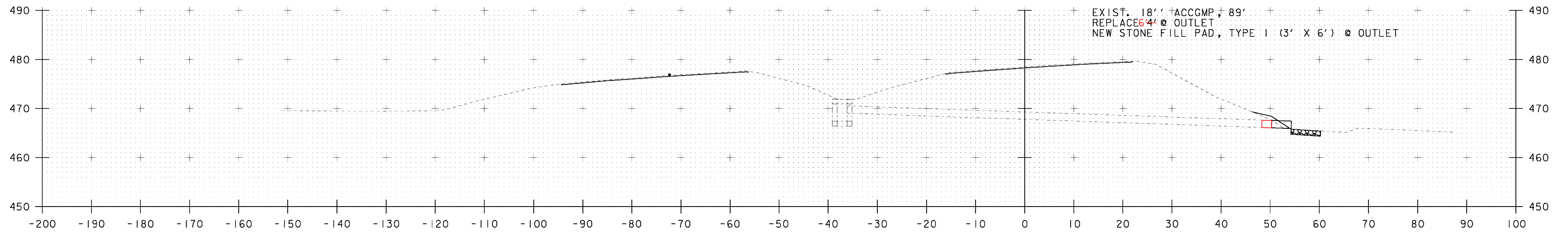
PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: IM 089-3(62)

FILE NAME: D96A058NBXS.DGN PLOT DATE: 26-AUG-2009
PROJECT LEADER: K. ROBBIE DRAWN BY: P. PELOQUIN
DESIGNED BY: P. PELOQUIN CHECKED BY: S. MENARD
D96A058NDXS15.J SHEET 62 OF 117

STA. 3559+72 TO STA. 3568+55



NB 3575+76 CL
 SKEW: 61° 07' LT



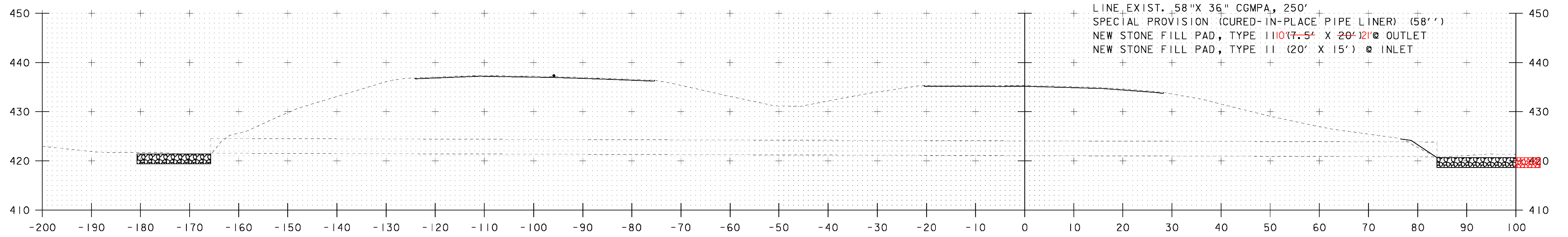
NB 3571+90 CL
 SKEW: 89° 57' LT

NB DRAINAGE CROSS SECTIONS #16

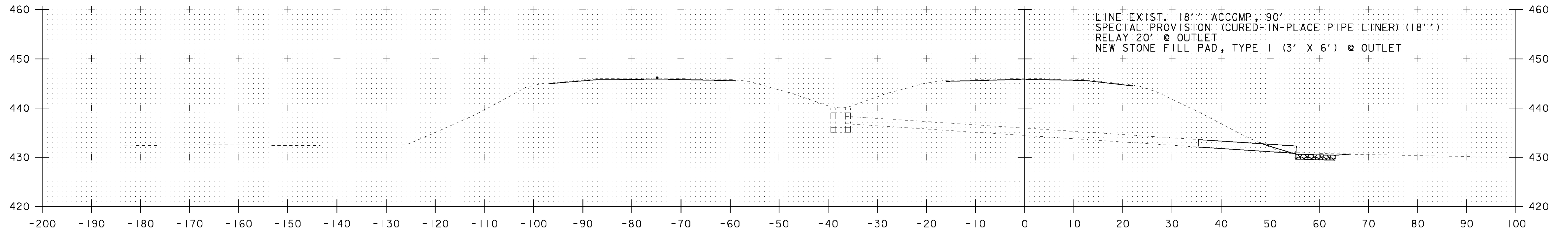
PROJECT NAME: ST. ALBANS - SWANTON
 PROJECT NUMBER: IM 089-3(62)

FILE NAME: D96A058NBXS.DGN PLOT DATE: 26-AUG-2009
 PROJECT LEADER: K. ROBBIE DRAWN BY: P. PELOQUIN
 DESIGNED BY: P. PELOQUIN CHECKED BY: S. MENARD
 D96A058NDXS16.I SHEET 63 OF 117

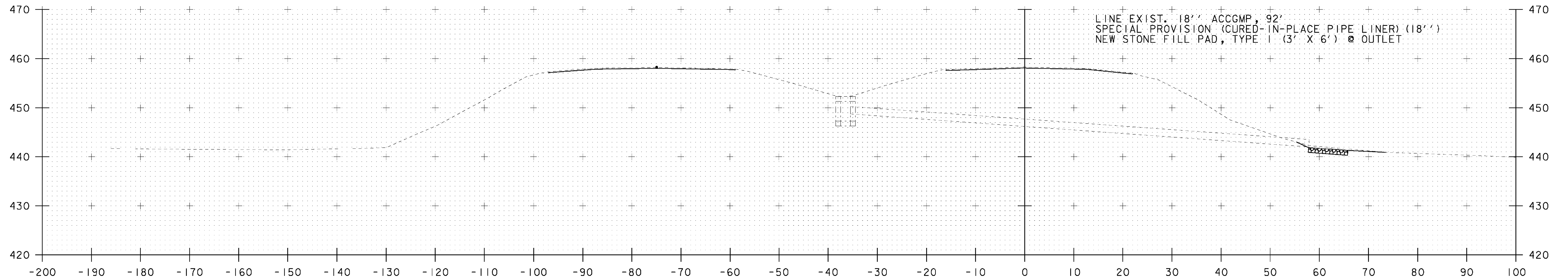
STA. 3571+90 TO STA. 3575+76



NB 3603+97 CL
 SKEW: 51° 15' RT



NB 3600+49 CL
 SKEW: 89° 01' RT



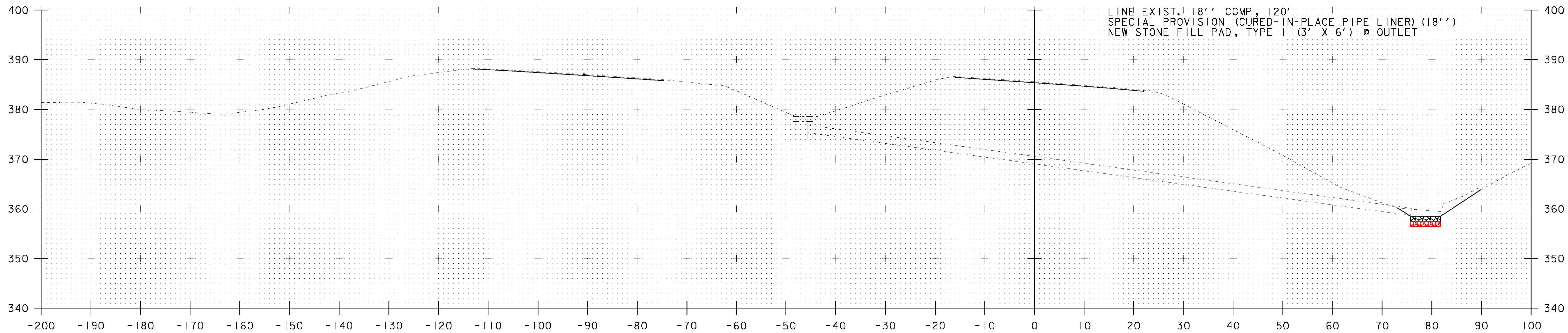
NB 3596+50 CL
 SKEW: 89° 22' RT

NB DRAINAGE CROSS SECTIONS #17

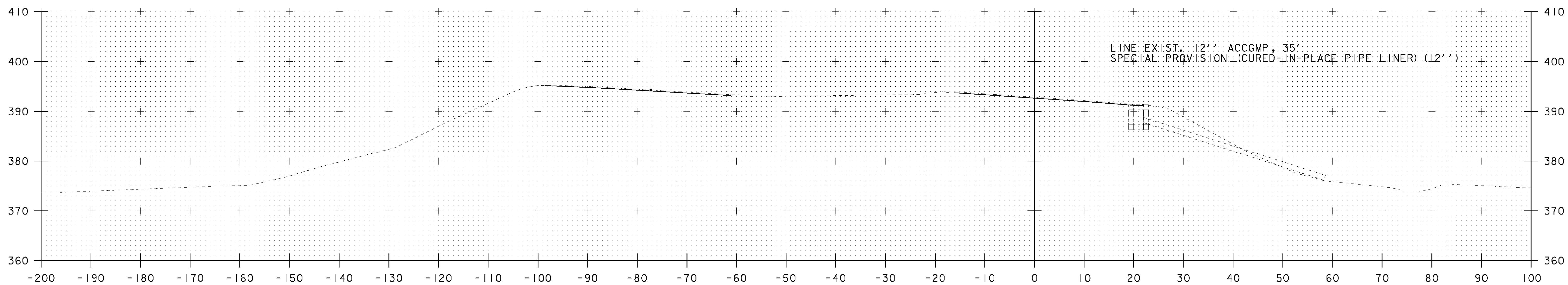
PROJECT NAME: ST. ALBANS - SWANTON
 PROJECT NUMBER: IM 089-3(62)

FILE NAME: D96A058NBXS.DGN PLOT DATE: 26-AUG-2009
 PROJECT LEADER: K. ROBBIE DRAWN BY: P. PELOQUIN
 DESIGNED BY: P. PELOQUIN CHECKED BY: S. MENARD
 D96A058NDXS17.J SHEET 64 OF 117

STA. 3596+50 TO STA. 3603+97



NB 3633+50 CL
 SKEW: 87° 34' RT



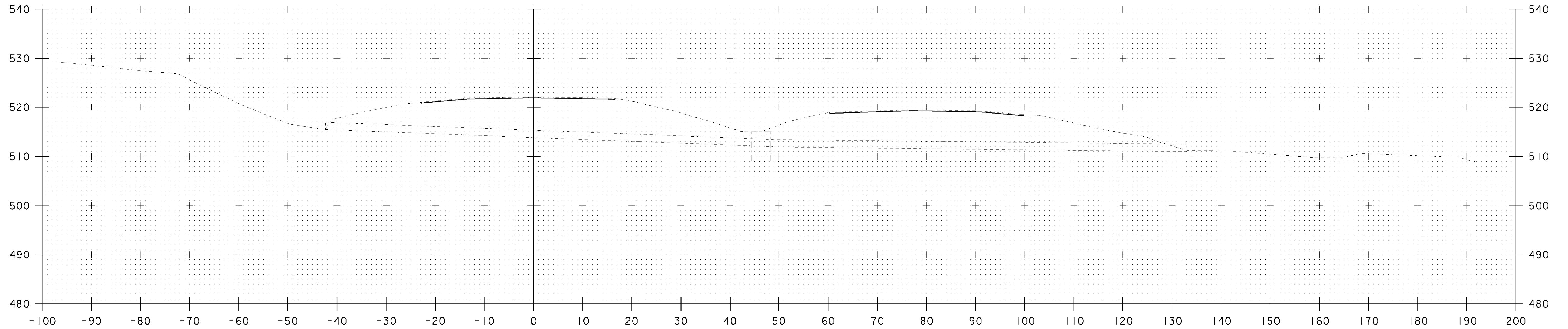
NB DRAINAGE CROSS SECTIONS #20

STA. 3628+33 RT TO STA. 3628+33 RT

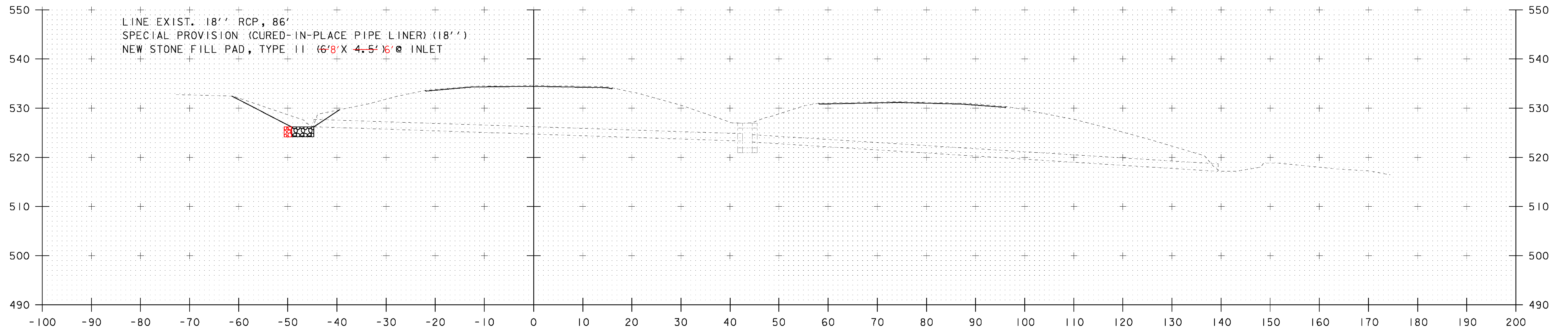
STA. 3628+33 TO STA. 3633+50

PROJECT NAME:	ST. ALBANS - SWANTON	PLOT DATE:	26-AUG-2009
PROJECT NUMBER:	IM 089-3(62)	DRAWN BY:	P. PELOQUIN
FILE NAME:	D96A058NBXS.DGN	CHECKED BY:	S. MENARD
PROJECT LEADER:	K. ROBBIE	SHEET	67 OF 117
DESIGNED BY:	P. PELOQUIN		
D96A058NDS20.I			

EXIST. 18' ACCGMP, 86'
NO PROJECT CONSTRUCTION ANTICIPATED



SB 3541+54 CL
SKEW: 74° 36' LT



LINE EXIST. 18' RCP, 86'
SPECIAL PROVISION (CURED-IN-PLACE PIPE LINER) (18')
NEW STONE FILL PAD, TYPE II (6'8" X 4.5' @ INLET

SB 3536+87 CL
SKEW: 89° 19' RT

SB DRAINAGE CROSS SECTIONS #14

PROJECT NAME: ST. ALBANS - SWANTON
PROJECT NUMBER: IM 089-3(62)

FILE NAME: D96A058SBXS.DGN PLOT DATE: 26-AUG-2009
PROJECT LEADER: K. ROBIE DRAWN BY: P. PELOQUIN
DESIGNED BY: P. PELOQUIN CHECKED BY: S. MENARD
D96A058SDXS14.J SHEET 83 OF 117

STA. 3536+86 TO STA. 3541+54

