

REMOVAL AND DISPOSAL OF GUARDRAIL

61+18 TO 62+25 RT
61+67 TO 62+20 LT
63+51 TO 65+04 RT
63+56 TO 64+35 LT

**GUARDRAIL APPROACH SECTION, GALVANIZED
2 RAIL BOX BEAM (COATED BLACK)**

62+18.7 TO 62+66.4 LT
62+23.5 TO 62+67.9 RT
63+06.5 TO 63+50.8 RT
63+08 TO 63+55.7 LT

BOX BEAM GUARDRAIL (COATED BLACK)

61+28 TO 62+23.5 RT
61+71.9 TO 62+18.7 LT
63+50.8 TO 64+92.8 RT
63+55.7 TO 64+48 LT

**MANUFACTURED TERMINAL SECTION,
TANGENT (COATED BLACK)**

64+48 TO 64+62 LT
64+92.8 TO 65+07 RT

DELINEATOR WITH STEEL POST

61+28 RT
61+71.9 LT
64+62 LT
65+07 RT

RELOCATE MAILBOX, MULTIPLE SUPPORT

65+33 RT

CAST-IN-PLACE CONCRETE CURB, TYPE B

63+08 TO 63+58 LT

EXTENSION SERVICE BOX AND CURB STOP

64+92 RT

SEAMLESS COPPER WATER TUBE (3/4")

64+92 RT

NOTE

AN EXISTING 1 INCH WATER LINE IS LOCATED ALONG THE NORTH SIDE OF VT ROUTE 2B. CONTRACTOR SHALL INSTALL 4 INCHES OF INSULATION BOARD FOR A 2 FEET WIDTH CENTERED OVER THE WATER LINE FROM APPROXIMATE STA 62+25 TO 63+50 LT. INSTALLATION WILL BE PAID FOR UNDER ITEM 622.10, INSULATION BOARD.

VT 2B CURVE (1)

BRG BK = S35°12'45.77"E
DELTA = 65°40'28" LT
D = 15°04'40"
R = 380.00'
T = 245.24'
L = 435.57'
E = 72.27'
BANK = 0.040

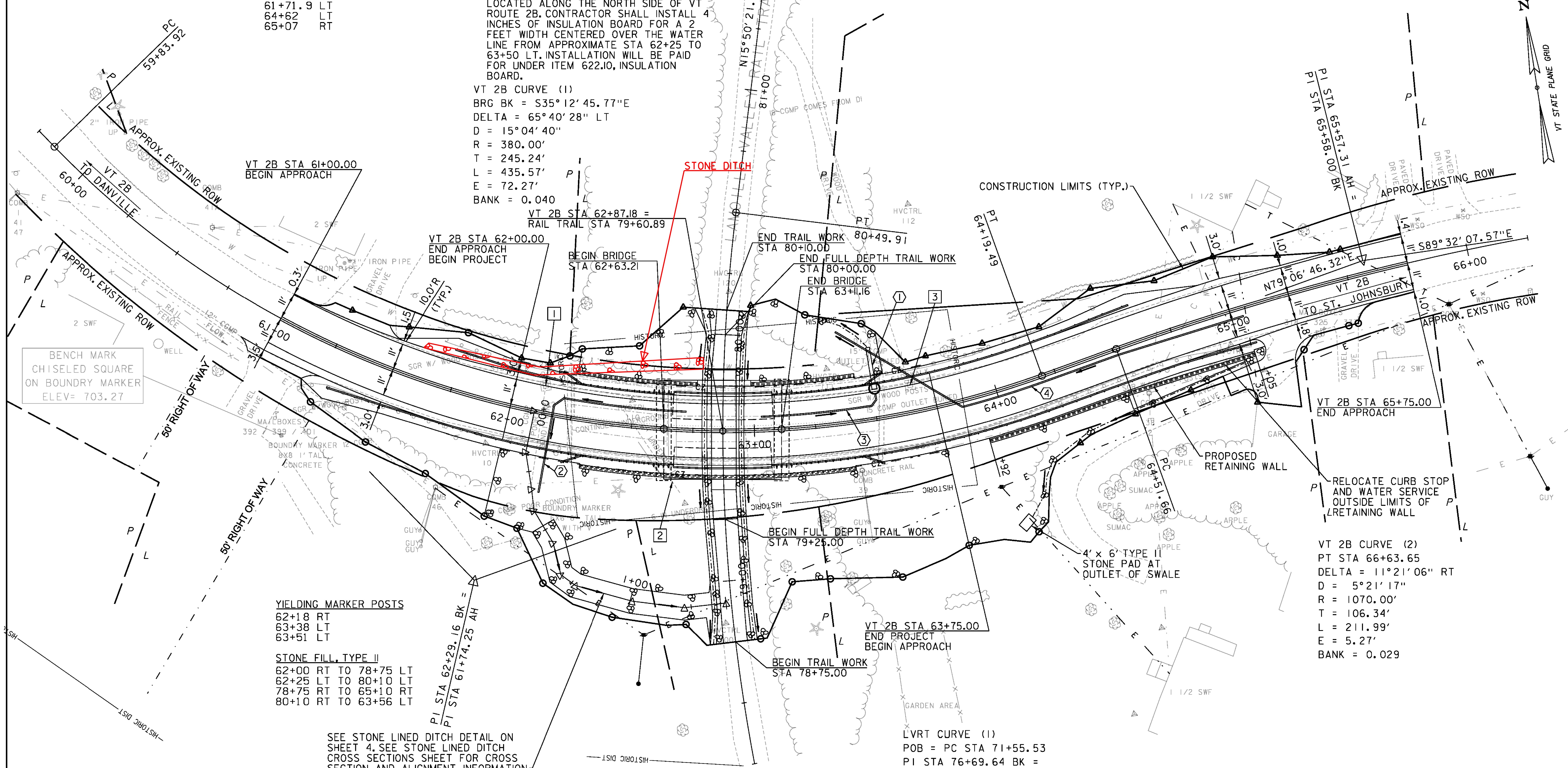
VT 2B STA 62+87.18 =
RAIL TRAIL STA 79+60.89

EXISTING DRAINAGE

- 1 STA 62+12.5 LT TO 62+14.5 RT
EXISTING 18" CGMP W/ DI
REMOVE DI/ REMOVE 40' PIPE
- 2 STA 62+43.9 LT TO 62+70.9 RT
EXISTING 6" UNDERDRAIN
REMOVE 45' PIPE
- 3 STA 63+51.3 LT TO 63+66.0 LT
EXISTING 18" CGMP W/ DI
REMOVE DI/ REMOVE 20' PIPE
CAP AND ABANDON REMAINING PIPE

PROPOSED DRAINAGE

- 1 STA 63+51.0 LT
NEW 18" X 15' CPEP(SL)
NEW 4" DIA. PRCCB
W/CI GRATE TYPE D AT 63+51.0
- 2 STA 62+18.0 RT TO 62+21.0 LT
NEW 6" X 40' CARRIER PIPE
STA 62+21.0 LT TO 62+72.0 LT
NEW 6" X 51' UNDERDRAIN
INV IN (UNDERDRAIN) = 691.15
INV OUT (CARRIER PIPE) = 690.24
- 3 STA 63+03.0 TO 63+51.0 LT
NEW 6" X 51' UNDERDRAIN
INV IN = 690.26
INV OUT = 688.88
CONNECT TO NEW CB AT 63+51.0 LT
- 4 STA 63+38.0 LT TO 63+85.0 RT
NEW 6" X 61' CARRIER PIPE
STA 63+85.0 RT TO 65+04.0 RT
NEW 6" X 119' UNDERDRAIN
INV IN (UNDERDRAIN) = 686.34
INV OUT (CARRIER PIPE) = 684.54



BENCH MARK
CHISELED SQUARE
ON BOUNDARY MARKER
ELEV= 703.27

YIELDING MARKER POSTS
62+18 RT
63+38 LT
63+51 LT

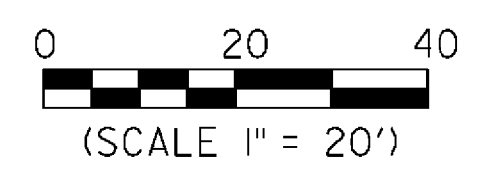
STONE FILL, TYPE II
62+00 RT TO 78+75 LT
62+25 LT TO 80+10 LT
78+75 RT TO 65+10 RT
80+10 RT TO 63+56 LT

SEE STONE LINED DITCH ON SHEET 4. SEE STONE LINED DITCH CROSS SECTIONS SHEET FOR CROSS SECTION AND ALIGNMENT INFORMATION

CONSTRUCT DRIVES
61+06 RT (24.0 FT WIDE, 4 FT PAVED APRON, RES.)
61+30 LT (24.0 FT WIDE, 4 FT PAVED APRON, RES.)
65+20 RT (13.5 FT WIDE, PAVED, RES.)
65+45 RT (9.7 FT WIDE, 6.5 FT PAVED APRON, RES.)

EXISTING BRIDGE DATA
THREE SPAN ROLLED BEAM,
CONCRETE DECK BUILT 1936.
129' LENGTH, 42' MAX SPAN
26'-5" MIN UNDERCLEAR.

LVRT CURVE (1)
POB = PC STA 71+55.53
PI STA 76+69.64 BK =
PI STA 75+35.80 AHD
BRG BK = N 54°50' 34.00"W
DELTA = 70°40' 56" RT
D = 7°54' 10"
R = 725.00'
T = 514.11'
L = 894.39'
E = 163.78'



PROJECT NAME:	ST. JOHNSBURY
PROJECT NUMBER:	BF 7000(20)
FILE NAME:	86e048/cos/z86e048bdr.dgn
PROJECT LEADER:	J.BYATT
DESIGNED BY:	M.HALEY
LAYOUT SHEET	
PLOT DATE:	10/26/2016
DRAWN BY:	W.GORDON
CHECKED BY:	P.SHEDD
SHEET	17 OF 70