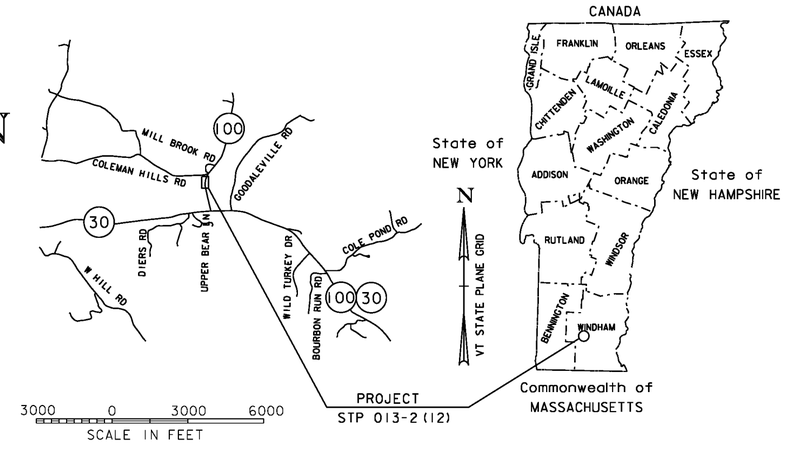
Original Drawing – Ink on polymer meeting the requirements of 27 V.S.A. § 1403

R. O. W. PLANS

INDEX OF SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF JAMAICA
COUNTY OF WINDHAM
VT ROUTE 100 (MINOR ARTERIAL) BRIDGE 82

BEGINNING IN THE TOWN OF JAMAICA ON VT ROUTE 100 AT STATION 11+00.00 (MM 3.802) EXTENDING NORTHERLY ALONG VT ROUTE 100 FOR A DISTANCE OF 285 FEET (0.054 MILES) TO STATION 13+85.00 (MM 3.856)

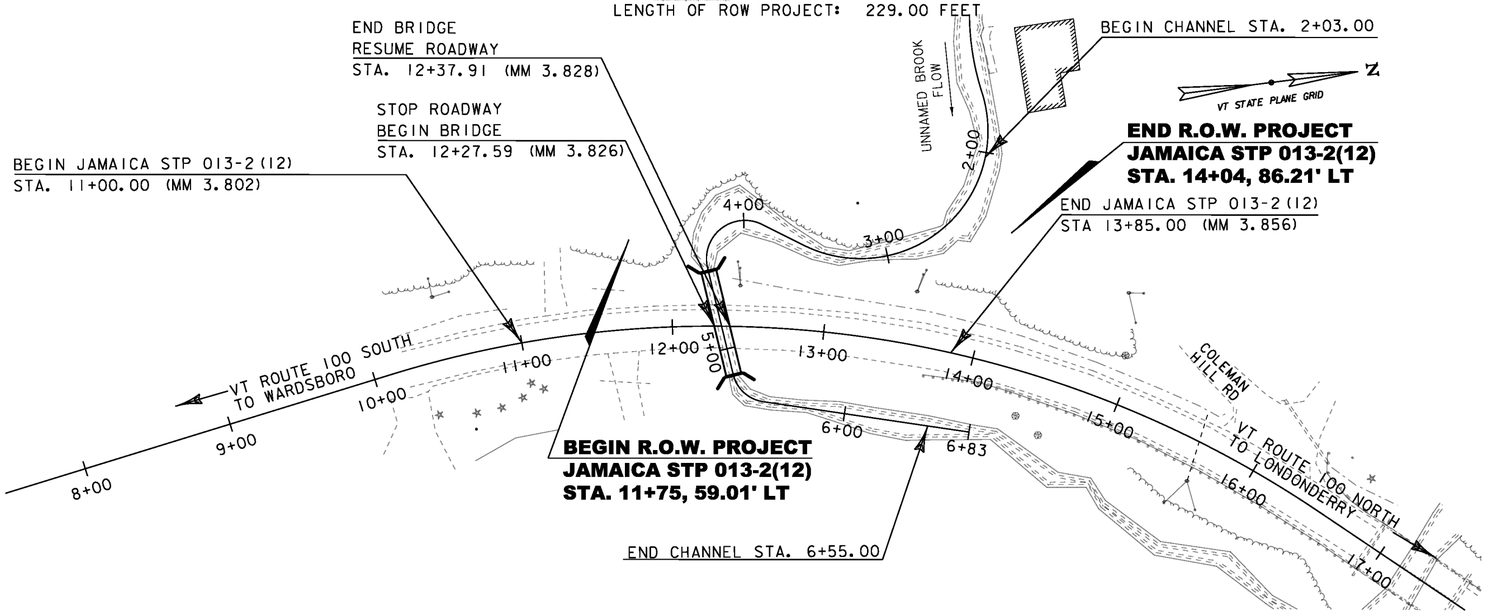
LENGTH OF PROJECT ROADWAY = 274.68 FEET (0.054 MILES)

LENGTH OF STRUCTURE = 10.32 FEET

LENGTH OF PROJECT CHANNEL =452.00 FEET (0.086 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REPLACEMENT OF AN EXISTING CULVERT WITH 10'X7' BOX STRUCTURE WITH 452.00 FEET OF CHANNEL WORK AND MINIMAL ROADWAY WORK.

LENGTH OF ROW PROJECT: 229.00 FEET



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 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.

QUALITY ASSURANCE PROGRAM : LEVEL 2

SURVEYED BY : VERMONT SURVEY & ENGINEERING

SURVEYED DATE : 02/27/2013

DATUM

VERTICAL 88 (GEOID12A) FT

HORIZONTAL NAD 83 (2011) sFT

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 V.S.A. § 1111.

CHIEF OF RIGHT OF WAY

APPROVED ROBERT M. WHITE DATE 08-07-14

PROJECT MANAGER : PAUL LIBBY

PROJECT NAME : JAMAICA

PROJECT NUMBER : STP 013-2(12)

SHEET 1 OF 12 SHEETS

Original Drawing – Ink on polymer meeting the requirements of 27 V.S.A. § 1403

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	ROW LAYOUT NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	T / P	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
1	COLEMAN, NELSON W. & ELIZABETH B.	1	11+75 LT				INSTALL & MAINTAIN	P		WDOE	12/23/14	JAMAICA	118	571-572	GUY WIRE & ANCHOR
			11+92 LT	14+04 LT			CONSTRUCTION	T	7,660 SF						INCL. PDF, EC, STREAM BY-PASS PUMP & PIPE
			12+02 LT	12+70 LT			SLOPE	T	1,150 SF						
			12+05.74 LT	12+83.90 LT			CHANNEL	P	1,830 SF						INCL. STONE FILL & EC
			13+24.89 LT	13+87.89 LT			CHANNEL	P	520 SF						INCL. STONE FILL & EC
2	DOMENICK, VICTORIA T. & JOSEPH A.	1	12+30 RT	13+98 RT			CONSTRUCTION	T	1,060 SF	WDOE	04/01/15	JAMAICA	119	173-174	INCL. PDF
			12+56.88 RT	13+01.35 RT			CHANNEL	P	48 SF						INCL. STONE FILL
3	GREEN MOUNTAIN POWER CORPORATION		11+75 LT	14+04 LT											UTILITY
4	TELEPHONE OPERATING COMPANY OF VERMONT, LLC		11+75 LT	14+04 LT											UTILITY
5	SOUTHERN VERMONT CABLE COMPANY		11+75 LT	14+04 LT											UTILITY

TABLE OF REVISIONS

REVISION NO.	ROW SET SHEET #	DESCRIPTION	DATE
1	4	GENERAL CONSTRUCTION DESIGN	09/16/14
		CHANGE. BOX CULVERT SHORTENED.	
		DOES NOT AFFECT ANY PROPERTY	
		OWNERS.	
		BY: MT C.O. 9928 APPR. BY: RC	

APPROVED: RYAN CLOUTIER DATE: 08-07-14
CHIEF, PLANS & TITLES

PROJECT NAME: **JAMAICA**
PROJECT NUMBER: **STP 013-2(12)**

FILE NAME: **r12b474detail.xls**
PROJECT LEADER: **P. LIBBY**
DESIGNED BY: **M. TROTTIER**
R.O.W. DETAIL SHEET #1

PLOT DATE: 13-APR-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **T. POLK**
SHEET 3 OF 12

Original Drawing – Ink on polymer meeting the requirements of 27 V.S.A. § 1403

COLD PLANING, BITUMINOUS PAVEMENT
10+37.5 - 11+00.0
13+85.0 - 14.47.5

STONE FILL, TYPE I
12+16.4 RT - 13.79.6 RT
12+38.7 LT - 12+76.7 LT (DITCH)

STEEL BEAM GUARDRAIL, GALVANIZED
11+75.8 RT - 11+89.8 RT
12+83.4 RT - 14+08.4 RT

STEEL BEAM GUARDRAIL GALVANIZED/NESTED
11+89.7 RT - 12+83.4 RT

ANCHOR FOR STEEL BEAM RAIL
11+75.8 RT (SD GI-D)

REMOVAL AND DISPOSAL OF GUARDRAIL
13+69.6 RT - 14+08.4 RT

4 INCH WHITE LINE
10+37.5 LT - 14+47.5 LT, 410 FT (EDGE LINE)
10+37.5 RT - 14+47.5 RT, 410 FT (EDGE LINE)

4 INCH YELLOW LINE
10+37.5 - 14+47.5, 820 FT (DOUBLE CENTER LINE)

REMOVING SIGNS
12+28.8 LT
12+36.9 RT

ERECTING SALVAGED SIGNS
12+28.8 LT
12+36.9 RT

DELINEATOR WITH STEEL POST
10+39.5 LT (TYPE III) BACK TO BACK
11+10.0 LT (TYPE III) BACK TO BACK
11+85.0 LT (TYPE III) BACK TO BACK
12+60.0 LT (TYPE III) BACK TO BACK
13+35.0 LT (TYPE III) BACK TO BACK
14+10.0 LT (TYPE III) BACK TO BACK

SPECIAL PROVISION
(STONE FILL, TYPE II, STREAM BED MATERIAL)
4+46.8 RT - 5+18.3 RT (CULVERT)

SPECIAL PROVISION
(STONE FILL, TYPE III, STREAM BED MATERIAL)
12+29.4 RT - 13+80.3 RT
2+50.0 LT - 4+46.8 LT
3+98.2 RT - 4+46.8 RT

(1)
COLEMAN, NELSON W. & ELIZABETH B.

BEGIN R.O.W. PROJECT JAMAICA STP 013-2 (12) STA. 11+75, 59.01' LT

END R.O.W. PROJECT JAMAICA STP 013-2 (12) STA. 14+04, 86.21' LT

BEGIN PROJECT CHANNEL STP 013-2(12) STA. 2+03.00

STREAM BY-PASS AND PUMP AREA (SEE SHEET 6)

49 COLEMAN HILL ROAD HOUSE (APPROXIMATE LOCATION)

VT STATE PLANE GRID

UNNAMED BROOK

SEPTIC SYSTEM (APPROXIMATE SIZE AND LOCATION)

BEGIN APPROACH STA. 10+37.50 (MM 3.790)

END APPROACH BEGIN JAMAICA STP 013-2(12) STA. 11+00.00 (MM 3.802)

BEGIN APPROACH END JAMAICA STP 013-2(12) STA. 13+85.00 (MM 3.856)

END APPROACH STA. 14+47.50 (MM 3.868)

EXISTING R.O.W.

N 236645.89
E 1549143.26
10+50.50, 92.41' RT

452.56
S11°42'15"W

STATE OF VERMONT EXISTING R.O.W. PROJECT S73 (1), 1955

NEW RELOCATED POLE BY OTHERS

NEW GUY BY OTHERS

I&M(P)

CHANNEL PT#2 STA 4+48.01

12+05.74 53.42' LT

CH(P)

4+00

12+45.65 61.15' LT

12+63.83 56.42' LT

12+83.90 48.44' LT

3+00

12+24.89 49.48' LT

13+51.79 57.30' LT

13+34.91 52.72' LT

13+82.61 76.84' LT

13+87.89 73.33' LT

13+72.73 53.88' LT

2+00

CONST(T)

SR(T)

12+42.82 100.28' LT

12+47.17 96.72' LT

12+25.21 91.55' LT

12+15.25 78.37' LT

CHANNEL PC#2 STA 3+87.50

CHANNEL PT#1 STA 3+56.82

MAINLINE P.I.#1 STA 13+54.20

CHANNEL P.I.#2 STA 4+41.89

N 78°57'44.97"E

S 33°19'05.35"W

N 15°11'07.42"E

N 40°43'58.05"E

N 237089.04
E 1549235.06
14+61.35, 71.52' LT

[R=786.80 L=203.56]

COMB. #65T/5004/X1/41/8

COMB. #63/5004/X1/41/8

COMB. #220/64

COMB. #15T/215/61

HVCTRL#1

HVCTRL#2

HVCTRL#22

HVCTRL#23

HVCTRL#200

HVCTRL#28

B-102

C-101 VT ROUTE 100

B-101

C-102

VT ROUTE 100 SOUTH TO WARDSBORO

VT ROUTE 100 NORTH TO LONDONDERRY

N 10°19'01.95"W

10+00

11+00

12+00

13+00

14+00

15+00

5+00

6+00

6+83

66" CCSP

REMOVE EXISTING POLE BY OTHERS

STONE FILL

STONE FILL, TYPE I

STONE FILL, TYPE II

GRASS

DITCH

TREELINE

ELMS TREES

8"APPLE

10"POPLAR

24"SPRUCE

18"SPRUCE

18" CMP

WELL

WELL (ABAND)

OHW

GUY

AER E&T

PDE E&T

PDF

CZ

MAINLINE PC#1 STA 10+77.92

N 236663.23
E 1549279.16
10+50.00, 44.59' RT

77.72

S10°10'03"E

336.84

N20°17'13"E

N 236739.73
E 1549265.44
11+31.93, 36.23' RT

CHANNEL PC#3 STA 5+17.30

POC MAINLINE STA. 12+32.46 = POT CHANNEL STA. 4+84.68

CHANNEL PT#3 STA 5+33.44

CHANNEL PT #3 STA 5+45.69

12+56.88 69.54' RT

12+64.54 73.24' RT

13+01.35 76.04' RT

END PROJECT CHANNEL STP 013-2(12) STA. 6+55.00

POE STA 6+83.05

N 237055.68
E 1549382.23
14+98.79, 74.74' LT

UNNAMED BROOK

CHANNEL P.I. STA 3+59.46

COLEMAN HILL RD

(2)
DOMENICK, VICTORIA T. & JOSEPH A.

EXISTING DRAINAGE

[1] 12+24.1 LT - 12+40.6 RT
EXISTING PIPE - REMOVE

[2] 11+48.7 RT - 11+83.4 RT
EXISTING 18" CMP - RETAIN

0 20 40
SCALE IN FEET

MAINLINE CURVE #1
DELTA =53°03'00.00"
D = 7°59'35.78"
R = 716.80'
T = 342.28'
L = 638.66'
E = 77.53'
BANK = NA

CHANNEL CURVE #1
DELTA =134°21'20"
D = 68°07'48"
R = 84.10'
T = 199.84'
L = 197.20'
E = 132.72'

CHANNEL CURVE #2
DELTA =130°02'23"
D =226°08'05"
R = 25.34'
T = 54.38'
L = 57.51'
E = 34.66'

CHANNEL CURVE #3
DELTA = 68°05'35"
D =239°48'51"
R = 23.89'
T = 16.14'
L = 28.39'
E = 4.94'

NOTE: ADJUST CENTERLINE AND EDGELINE PAVEMENT MARKINGS TO MATCH TO EXISTING AT BEG/END APPROACH

FOR R.O.W. USE ONLY

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

PROJECT NAME: JAMAICA
PROJECT NUMBER: STP 013-2(12)

FILE NAME: r12b474lay.dgn
PROJECT LEADER: P. LIBBY
DESIGNED BY: GIA, INC.
R.O.W. LAYOUT SHEET 1 OF 1

PLOT DATE: 01-OCT-2014
DRAWN BY: T. POLK
CHECKED BY: R. CLOUTIER
SHEET 4 OF 12

Original Drawing – Ink on polymer meeting the requirements of 27 V.S.A. § 1403

GPS CONTROL POINTS

DANBY CORS ARP

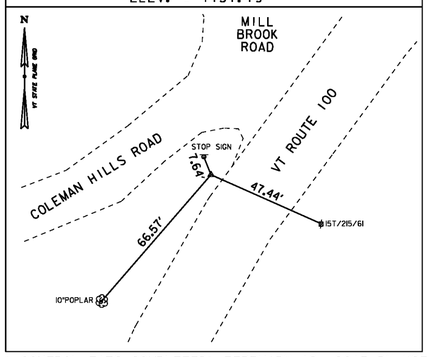
PID DL2318
N = 310162.23
E = 1508688.83
ELLIP HEIGHT = 636.36

STATION IS A GPS CONTINOUSLY OPERATING REFERENCE STATION. STATION IS THE ANTENNA REFERENCE POINT OF THE GPS ANTENNA. LOCATED AT THE CURRIER MEMORIAL SCHOOL IN DANBY, VERMONT. THE MONUMENT IS ATTACHED TO A TWO STORY CONCRETE/BRICK BUILDING WITH AN 8 FT CONCRETE FOUNDATION BUILT IN 1966. MAST IS A 1.75 INCH DIA GALV. PIPE THAT IS 108 INCHES LONG. THE MAST ATTACHED TO A STEEL MOUNTING FRAME WITH THREE ATTACHMENTS CONSISTING OF 3/8 INCH SS THROUGH BOLTS. THE MOUNTING FRAME IS ATTACHED TO THE BUILDING USING 8 ATTACHMENT POINTS. ALL 8 ATTACHMENTS ARE THROUGH BOLTED AND CONSIST OF 1/2 INCH SS THREADED ROD AND NUTS.

TRAVERSE TIES

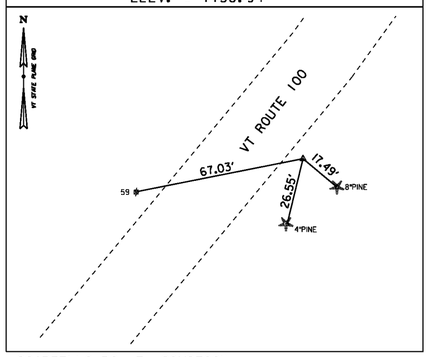
HVCTRL#200 5/8"REBAR SET FLUSH W/ YELLOW VSE CONTROL CAP

NORTH = 237151.97
EAST = 1549328.88
ELEV. = 1131.79



HVCTRL#201 5/8"REBAR SET FLUSH W/ YELLOW VSE CONTROL CAP

NORTH = 237668.17
EAST = 1549811.92
ELEV. = 1158.94

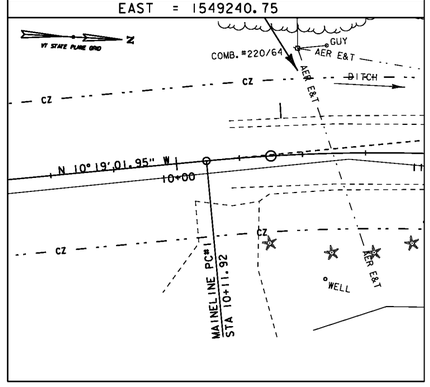


* CONTROL TIES COMPLETED: FEBRUARY 12, 2013 BY VSE, T. SCARZELLO-PC, T. COMSTOCK

ALIGNMENT TIES

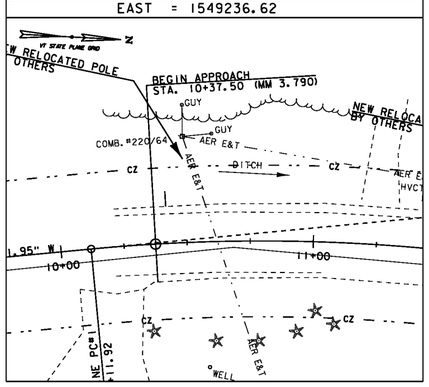
VT RTE 100 PC STA. 10+11.92

NORTH = 236619.96
EAST = 1549240.75



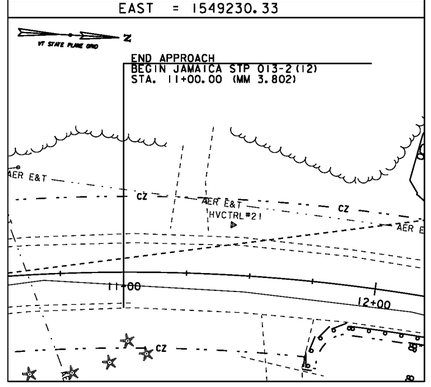
VT RTE 100 POC STA. 10+37.50

NORTH = 236645.20
EAST = 1549236.62



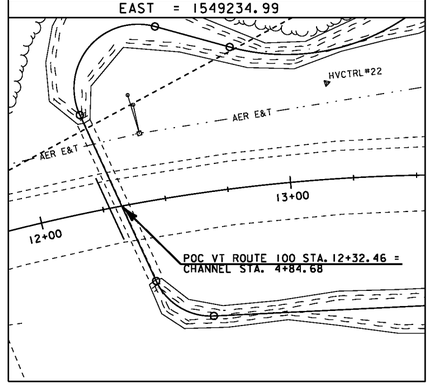
VT RTE 100 POC STA. 11+00.00

NORTH = 236707.36
EAST = 1549230.33



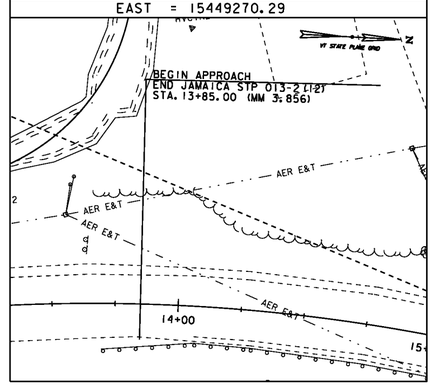
VT RTE 100 POT STA. 12+32.46

NORTH = 236839.55
EAST = 1549234.99



VT RTE 100 POC STA. 13+85.00

NORTH = 236987.66
EAST = 15449270.29



DATUM	
VERTICAL	NAVD 88(GEOID12A) FT
HORIZONTAL	NAD 83(2011) sFT
ADJUSTMENT	NONE

0 30 60
SCALE IN FEET

PROJECT NAME: JAMAICA
PROJECT NUMBER: STP 013-2(12)

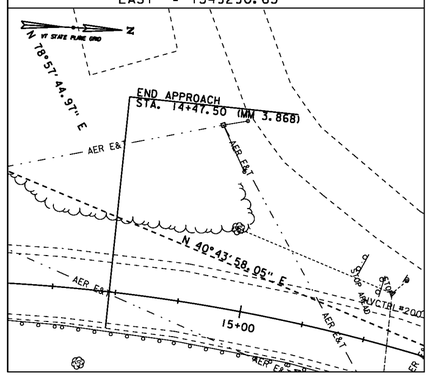
FILE NAME: r12b474tie1.dgn
PROJECT LEADER: P. LIBBY
DESIGNED BY: GIA,INC.
TIE SHEET 1

PLOT DATE: 07-AUG-2014
DRAWN BY: GIA, INC.
CHECKED BY: GIA, INC.
SHEET 9 OF 12

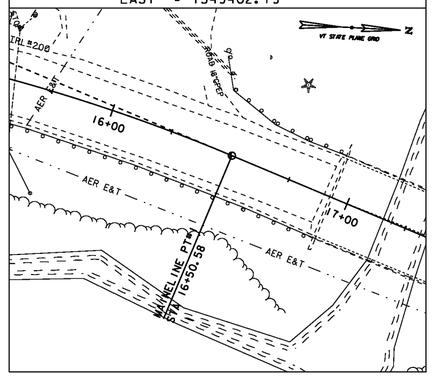
Original Drawing – Ink on polymer meeting the requirements of 27 V.S.A. § 1403

ALIGNMENT TIES

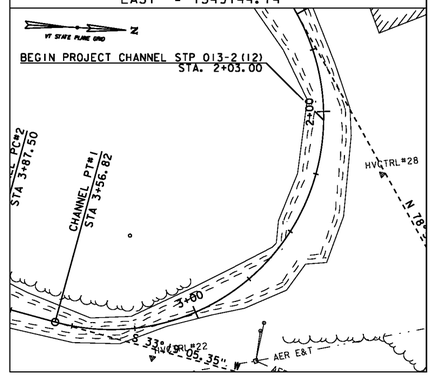
VT RTE 100 POC STA. 14+47.50
NORTH = 237038.76
EAST = 1549290.63



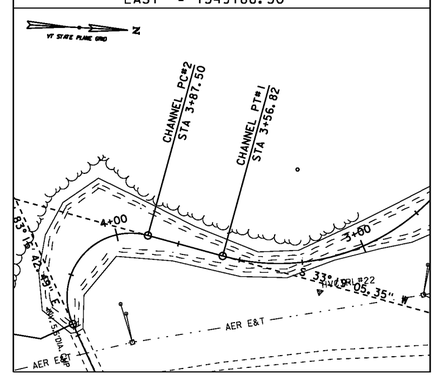
VT RTE 100 PT STA. 16+50.58
NORTH = 237216.07
EAST = 1549402.79



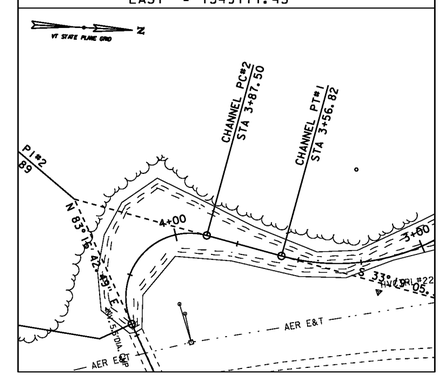
CHANNEL POC STA. 2+03.00
NORTH = 237025.56
EAST = 1549144.74



CHANNEL PT STA. 3+56.82
NORTH = 236899.63
EAST = 1549188.30

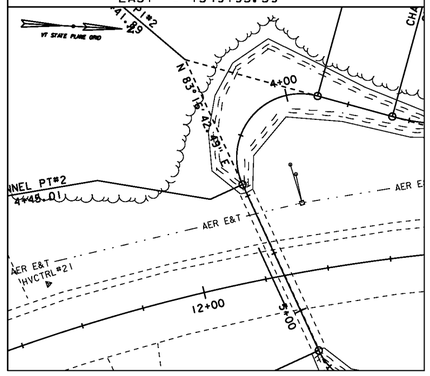


CHANNEL PC STA. 3+87.50
NORTH = 236873.99
EAST = 1549171.45

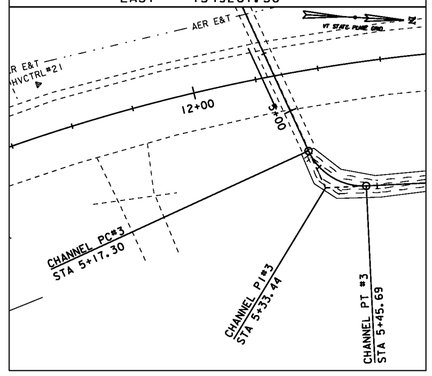


ALIGNMENT TIES

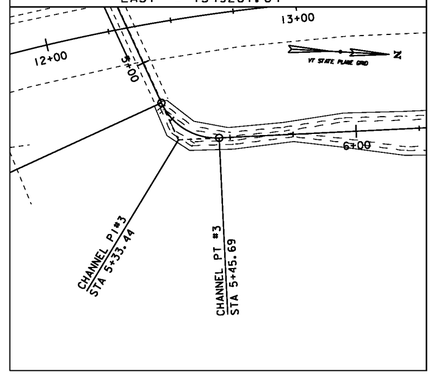
CHANNEL PT STA. 4+45.01
NORTH = 236834.91
EAST = 1549195.59



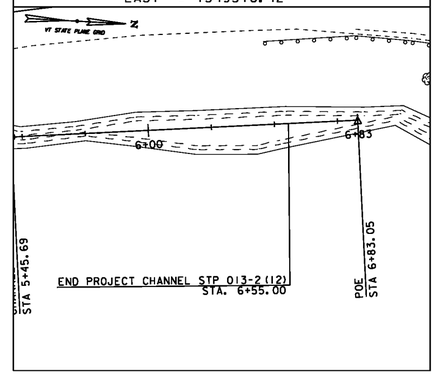
CHANNEL PC STA. 5+17.30
NORTH = 236843.37
EAST = 1549267.38



CHANNEL PT STA. 5+45.69
NORTH = 236860.84
EAST = 1549287.64



CHANNEL POT STA. 6+55.00
NORTH = 236966.87
EAST = 1549316.42



ALIGNMENT TIES

DATUM	
VERTICAL	NAVD 88(GEOID12A) FT
HORIZONTAL	NAD 83(2011) sFT
ADJUSTMENT	NONE

0 30 60
SCALE IN FEET

PROJECT NAME: JAMAICA
PROJECT NUMBER: STP 013-2(12)

FILE NAME: r12b474t1e2.dgn
PROJECT LEADER: P. LIBBY
DESIGNED BY: GIA, INC.
TIE SHEET 2

PLOT DATE: 07-AUG-2014
DRAWN BY: GIA, INC.
CHECKED BY: GIA, INC.
SHEET 10 OF 12