

FILE NAME: I:\14595\montpelier\plan\041064.txd
DATE/TIME: 10/12/2009 2:55:52
USER: 25552

GPS CONTROL POINTS

HVCTRL #1

DESIGNATION

"A93010 RESET"

N = 641922.2233
E = 1618150.8910
ELEV. = 520.250

GENERAL LOCATION, MONTPELIER, VT. TO REACH FROM THE INTERSECTION OF U.S.ROUTE 2 AND VT ROUTE 12 IN MONTPELIER GO WEST ALONG U.S.ROUTE 2 FOR 0.4 MI (0.6 KM) TO THE INTERSECTION OF BAILEY AVENUE RIGHT. TURN RIGHT AND GO NORTH ALONG BAILEY AVENUE FOR 0.05 MI (0.08 KM) TO THE SOUTH END OF THE BAILEY AVENUE BRIDGE OVER THE WINOOSKI RIVER AND THE MARK ON THE RIGHT IN THE TOP OF THE ABUTMENT AT THE SOUTHEAST CORNER OF THE BRIDGE. THE MARK IS 0.1 M (0.3 FT) NORTH OF THE SOUTH END OF THE ABUTMENT AND 0.1 M (0.3 FT) WEST OF THE EAST EDGE OF THE ABUTMENT.

HVCTRL #5

DESIGNATION

"MAY "

N = 640754.2007
E = 1620031.163
ELEV. = 526.77

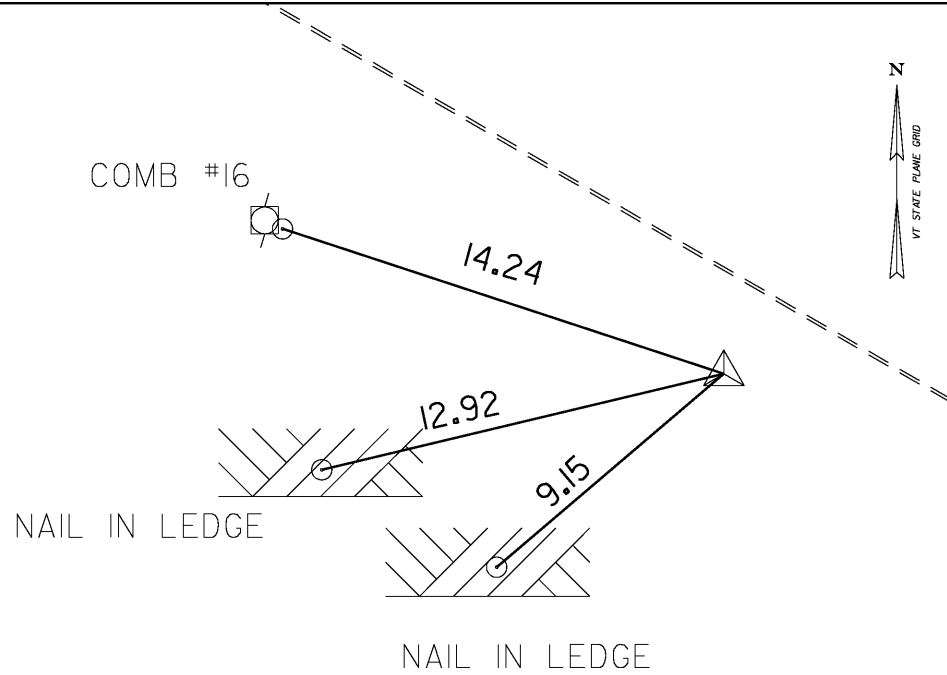
GENERAL LOCATION, MONTPELIER, 9 KM (5.60 MI) NORTHWEST OF BARRE, 13 KM (8.05 MI) NORTH NORTHEAST OF NORTHFIELD.
THE MARK IS IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF US ROUTE 2 AND MAIN STREET IN MONTPELIER, AND SET IN THE SOUTHEAST END OF A MASSIVE RETAINING WALL.
THE STATION IS LOCATED 36.6 FT (11.2 M) (SLOPE) FROM THE SOUTHEAST MOST STEEL GUARDRAIL POST FOR A 3 CABLE STEEL GUARDRAIL, 1.6 FT (0.5 M) SOUTHWEST OF THE SOUTHEAST (RIVER) FACE OF THE RETAINING WALL, AND 1.4 FT (0.4 M) SOUTHEAST OF THE SOUTHWEST FACE OF THE RETAINING WALL.

* DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

TRAVERSE TIES

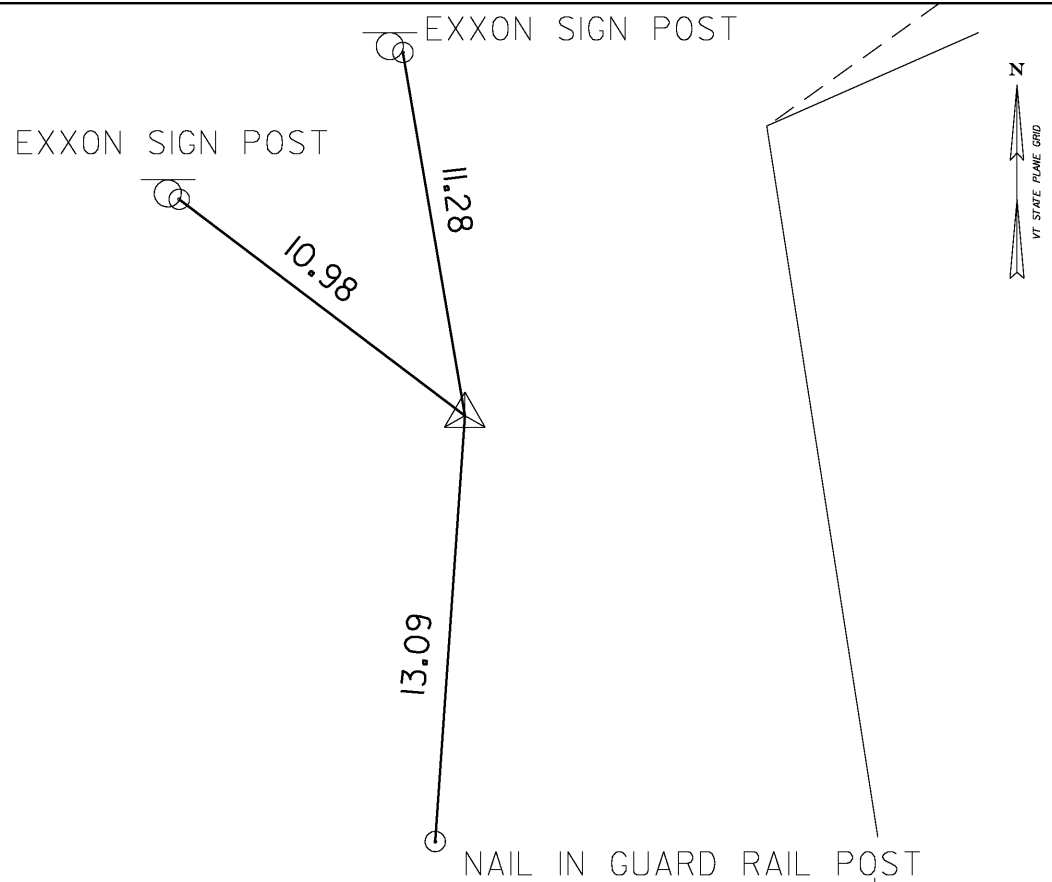
HVCTRL #3

NORTH = 641189.377
EAST = 1619425.749
ELEV. = 527.453



HVCTRL #4

NORTH = 640896.484
EAST = 1619893.126
ELEV. = 530.867



* MAIN TRAVERSE COMPLETED: JAN 20, 2005 BY R.GILMAN & P.WINTERS

ALIGNMENT TIES

POB STA. 12+00.00

NORTH = 641654.227
EAST = 1619566.287

ALIGNMENT
NOT STAKED

POL STA. 15+00.00

NORTH = 641369.785
EAST = 1619470.932

ALIGNMENT
NOT STAKED

POL STA. 16+54.84

NORTH = 641222.474
EAST = 1619421.717

ALIGNMENT
NOT STAKED

POE STA. 16+85.00

NORTH = 641194.379
EAST = 1619412.131

ALIGNMENT
NOT STAKED

TIE SHEET

DATUM

VERTICAL NAVD88

HORIZONTAL NAD 83 (96)

ADJUSTMENT Compass

* ALIGNMENT STAKED:

PROJECT NAME: MONTPELIER
PROJECT NUMBER: BHF 6400(31)

FILE NAME: \$FILES\$
PROJECT MANAGER: SUSAN SCRIBNER
DESIGNED BY: D. D'AMATO
BRIDGE DESIGN SUPERVISOR: P. HALSTEAD

PLOT DATE: 10/12/2009
DRAWN BY: D. D'AMATO
CHECKED BY: P. PERKINS
SHEET 12 OF 63

