

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY TOWN OF MIDDLEBURY COUNTY OF ADDISON VT ROUTES 30 & 125

BEGINNING IN MIDDLEBURY ON VT ROUTE 30 AT STATION 0+885.14 (MM 0.550) AND EXTENDING NORTHERLY ALONG VT ROUTE 30 A DISTANCE OF 2011.68 METERS (1.25 MILES) TO THE END OF VT ROUTE 30 AT US 7, STATION 2+896.82 (MM 1.800). ALSO BEGINNING IN MIDDLEBURY ON VT ROUTE 125 AT STATION 0+537.52 (MM 0.334) AND EXTENDING EASTERLY ALONG VT ROUTE 125 A DISTANCE OF 1099.18 METERS (0.683 MILES) TO THE INTERSECTION OF VT ROUTE 30, STATION 1+636.70 (MM 1.017)

PROJECT DATA

EROM STA 0+885.14 (MM 0.550) IQ STA 2+896.82 (MM 1.800)
EROM STA 0+537.52 (MM 0.334) IQ STA 1+636.70 (MM 1.017)
LENGTH OF ROADWAY = 3110.86 METERS (1.933 MILES)
LENGTH OF PROJECT = 3110.86 METERS (1.933 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

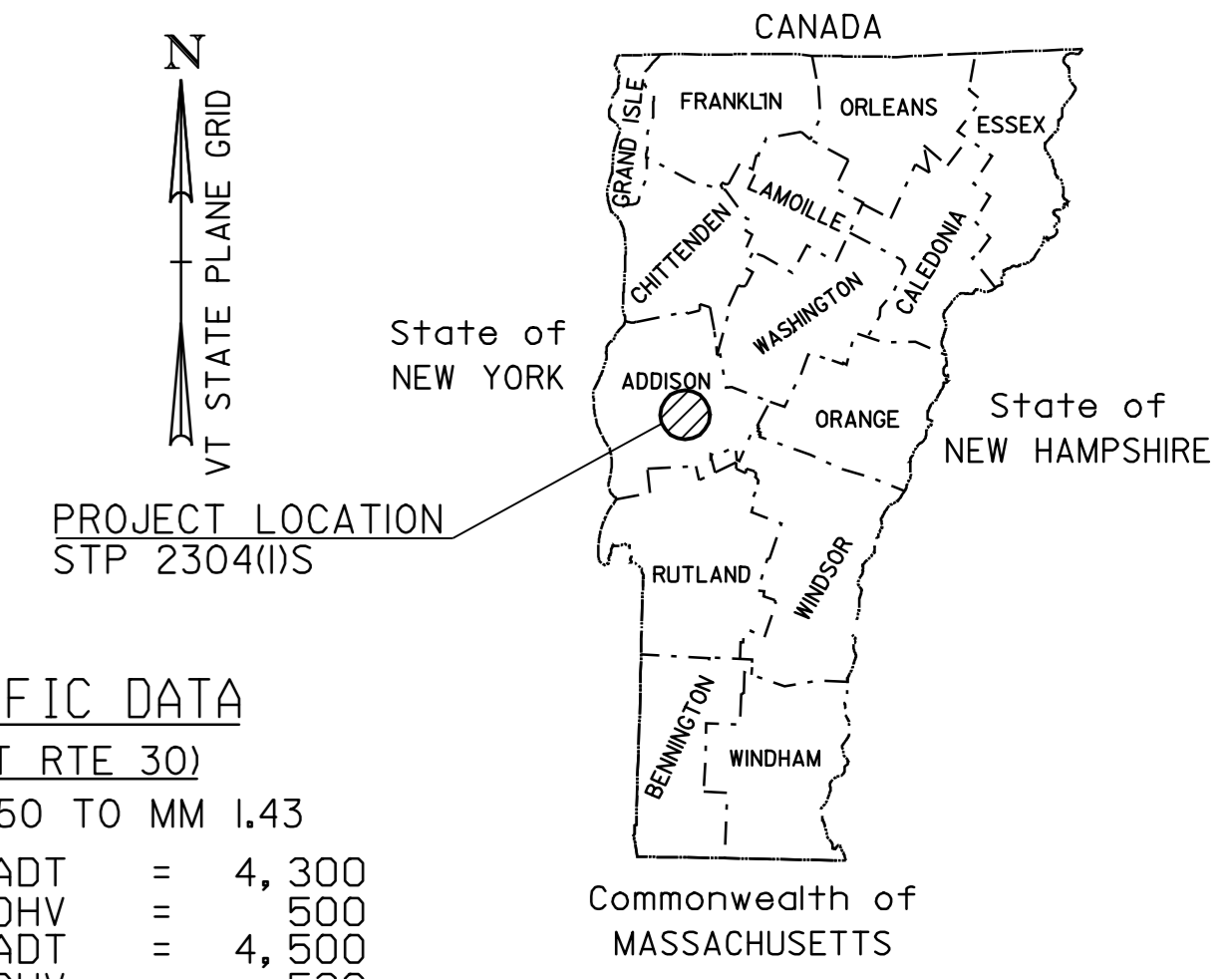
**END STP 2304(1)S
VT RTE 125
STA 1+636.70
(MM 1.017)**

**BEGIN STP 2304(1)S
VT RTE 125
STA 0+537.52
(MM 0.334)**

**END STP 2304(1)S
VT RTE 30
STA 2+896.82
(MM 1.800)**

**BEGIN STP 2304(1)S
VT RTE 30
STA 0+885.14
(MM 0.550)**

METRIC PLANS
PREPARED BY:



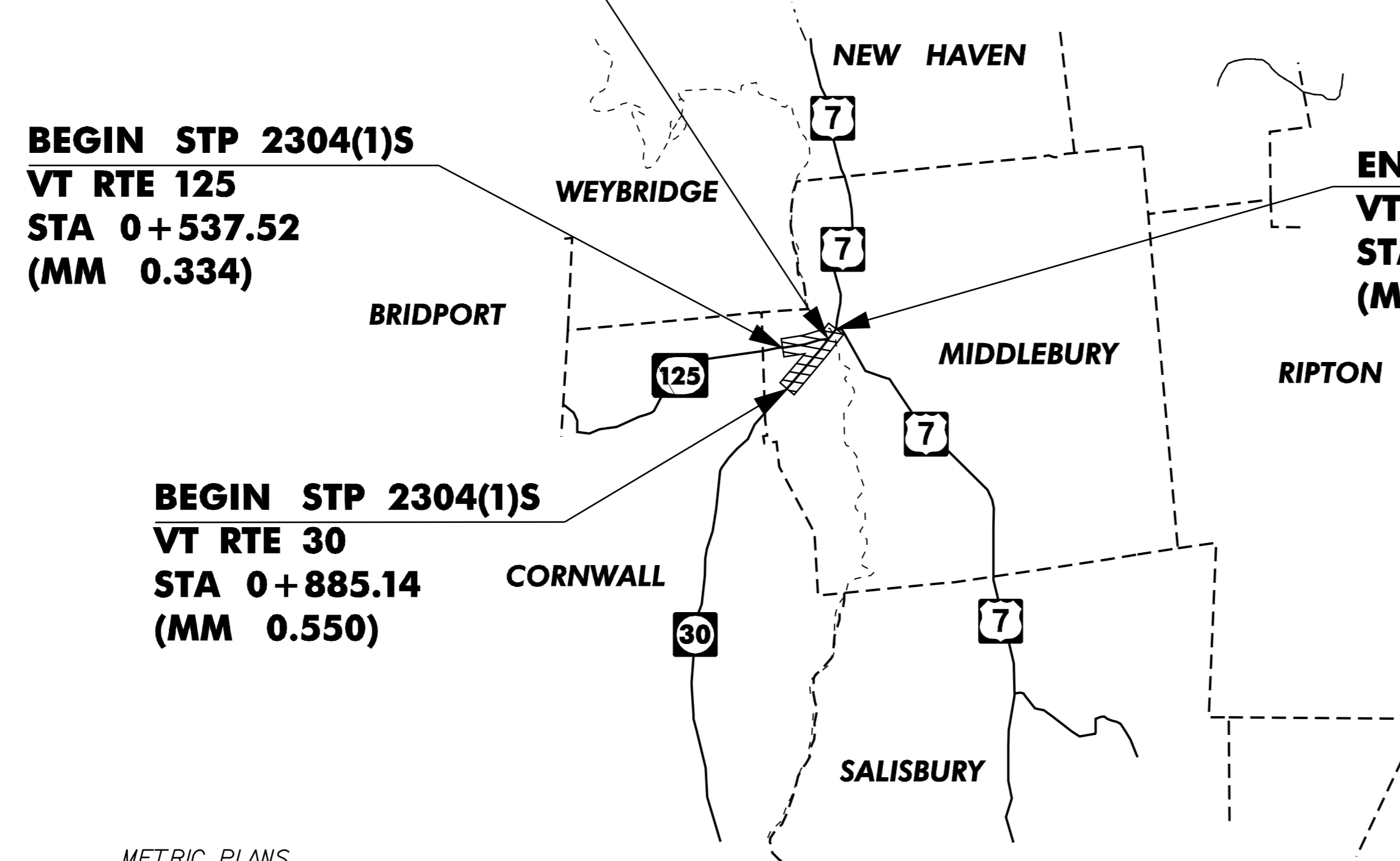
TRAFFIC DATA

(VT RTE 30)

MM 0.550 TO MM 1.43
2006 ADT = 4,300
2006 DHV = 500
2016 ADT = 4,500
2016 DHV = 520
2006-2016 ESALS = 568,000
MM 1.43 TO MM 1.54
2006 ADT = 9,500
2006 DHV = 1,000
2016 ADT = 10,000
2016 DHV = 1,100
2006-2016 ESALS = 783,000
MM 1.54 TO MM 1.68
2006 ADT = 15,700
2006 DHV = 1,700
2016 ADT = 16,600
2016 DHV = 1,800
2006-2016 ESALS = 1,610,000
MM 1.68 TO MM 1.80
2006 ADT = 11,000
2006 DHV = 1,200
2016 ADT = 11,700
2016 DHV = 1,300
2006-2016 ESALS = 1,506,000

(VT RTE 125)

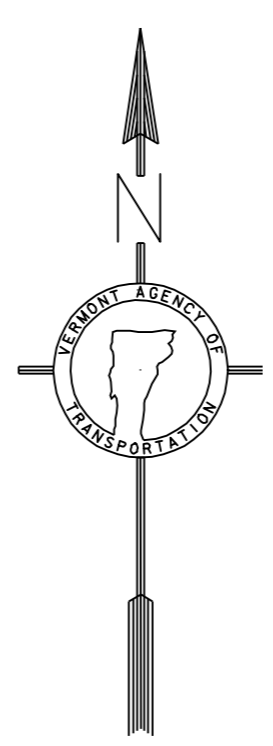
MM 0.334 TO MM 0.43
2006 ADT = 3,200
2006 DHV = 390
2016 ADT = 3,300
2016 DHV = 400
2006-2016 ESALS = 651,000
MM 0.43 TO MM 0.91
2006 ADT = 5,800
2006 DHV = 650
2016 ADT = 6,200
2016 DHV = 690
2006-2016 ESALS = 683,000
MM 0.91 TO MM 1.017
2006 ADT = 7,700
2006 DHV = 850
2016 ADT = 8,100
2016 DHV = 890
2006-2016 ESALS = 1,058,000



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	2,543,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	64-28

CONVENTIONAL SYMBOLS

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



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.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".

RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

/pave/0ld048/pd048.dgn	pd048+ts1
DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED _____ DATE _____	
PROJECT MANAGER: MARK WOOLOVER	
PROJECT NAME : MIDDLEBURY	
PROJECT NUMBER : AC STP 2304 (1) S	
SHEET 8 OF 103 SHEETS	