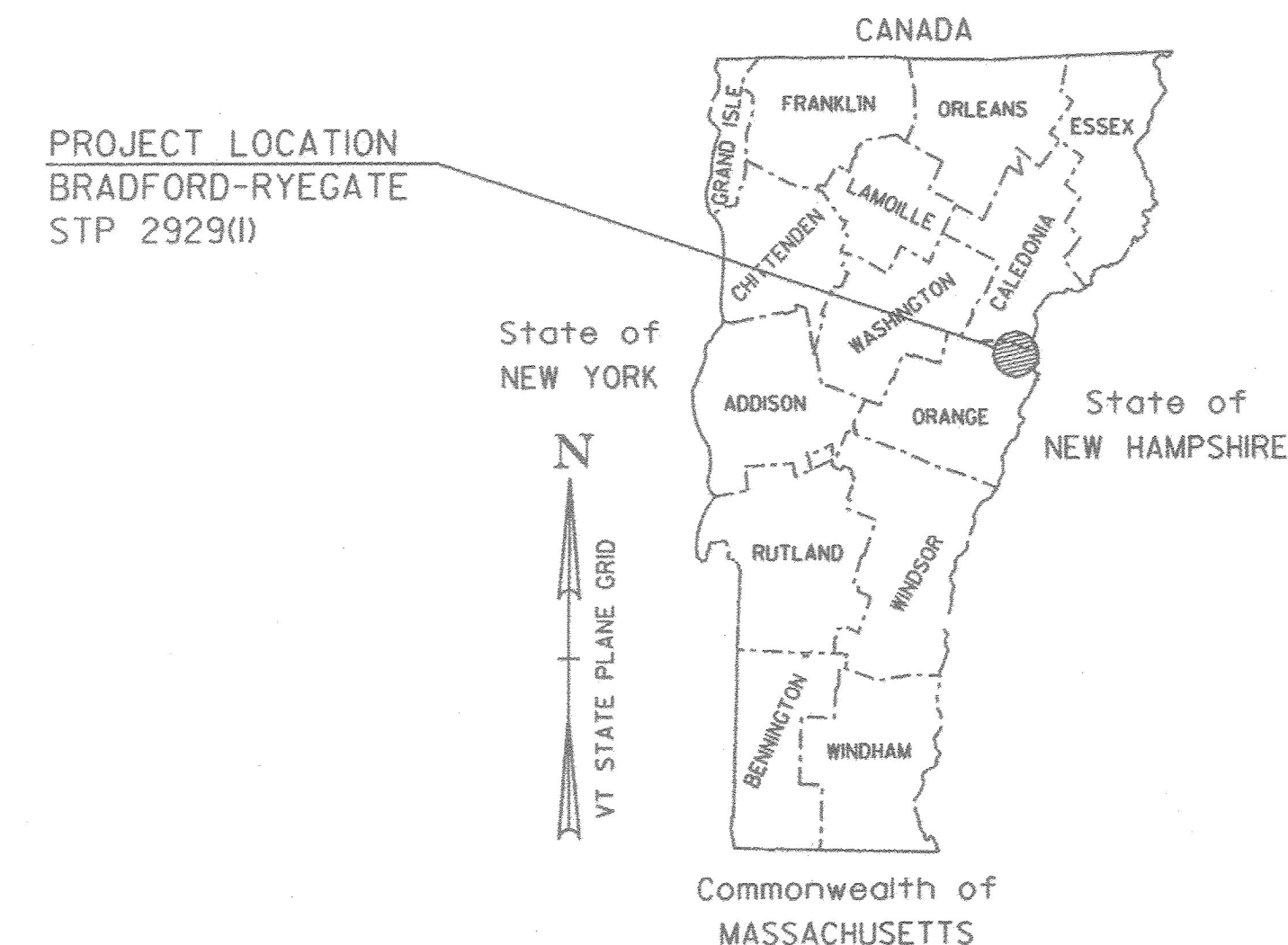


STATE OF VERMONT AGENCY OF TRANSPORTATION



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA			
	US 5	US 302	NSH
DESIGN LANE/DESIGN LIFE ESAL	2,184,660	1,763,070	760,240
DESIGN NUMBER OF GYRATIONS	65	65	65
PERFORMANCE GRADED ASPHALT BINDER	SEE SUBSECTION 490.03(b)		



PROPOSED IMPROVEMENT TOWNS OF BRADFORD, NEWBURY & RYEGATE COUNTIES OF ORANGE & CALEDONIA US ROUTE 5 (MAJOR COLLECTOR), US ROUTE 302 (MINOR ARTERIAL) & NEWBURY STATE HIGHWAY (MAJOR COLLECTOR)

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: JAY STRONG

CONSTRUCTION BEGAN: MAY 25, 2016

CONSTRUCTION COMPLETE: JUNE 20, 2017

RECORD PLANS BY: JAY STRONG & RENEE LAYTON

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *Jay Strong* RESIDENT ENGINEER

DATE: 5/21/2018

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.

US ROUTE 5
BEGINNING ON US ROUTE 5 IN BRADFORD AT STATION 82+42.00 (MM 1.561) AND EXTENDING NORTHERLY ALONG US ROUTE 5 A DISTANCE OF 80,486.59 FEET (15.244 MILES) TO STATION R 60+45.00 (MM 1.145) IN THE TOWN OF RYEGATE.

NEWBURY STATE HIGHWAY
BEGINNING AT THE INTERSECTION OF US ROUTE 5 AT STATION 0+14.00 (MM 0.003) IN NEWBURY AND EXTENDING EASTERLY ALONG NEWBURY STATE HIGHWAY A DISTANCE OF 2,434.50 FEET (0.461 MILES) TO STATION 24+48.50 (MM 0.464).

US ROUTE 302
BEGINNING ON US ROUTE 302 IN NEWBURY AT STATION M 242+50.00 (MM 4.593) AND EXTENDING EASTERLY ALONG US ROUTE 302 A DISTANCE OF 1,683.00 FEET (0.319 MILES) TO STATION M 259+33.00 (MM 4.912).

US ROUTE 302 APPROACH
BEGINNING ON US ROUTE 302 APPROACH AT STATION A 0+00.00 (MM 0.000) AND EXTENDING EASTERLY ALONG US ROUTE 302 APPROACH A DISTANCE OF 275 FEET (0.052 MILES) TO STATION A 2+75.00 (MM 0.052).

BRADFORD	STA 82+42.00 (MM 1.561) ~ STA N 0+00.00 (MM 0.000)	STA 309+14.45 (MM 5.855) = 22,672.45 FEET (4.294 MILES)
NEWBURY	STA N 0+00.00 (MM 0.000) ~ STA R 60+45.00 (MM 1.145)	STA N 517+69.14 (MM 9.805) = 51,769.14 FEET (9.805 MILES)
RYEGATE	STA R 0+00.00 (MM 0.000) ~ STA R 60+45.00 (MM 1.145)	STA R 60+45.00 (MM 1.145) = 6,045.00 FEET (1.145 MILES)
NEWBURY STATE HIGHWAY	STA 0+14.00 (MM 0.003) ~ STA 10+77.00 (MM 0.204)	STA 10+77.00 (MM 0.204) = 1,063.00 FEET (0.201 MILES)
RAILROAD CROSSING	STA 10+77.00 (MM 0.204) ~ STA 11+13.00 (MM 0.211)	STA 11+13.00 (MM 0.211) = 36.00 FEET (0.007 MILES)
NEWBURY STATE HIGHWAY	STA 11+13.00 (MM 0.211) ~ STA 24+48.50 (MM 0.464)	STA 24+48.50 (MM 0.464) = 1,335.50 FEET (0.253 MILES)
US ROUTE 302	STA M 242+50.00 (MM 4.593) ~ STA M 259+33.00 (MM 4.912)	STA M 259+33.00 (MM 4.912) = 1,683.00 FEET (0.319 MILES)
US ROUTE 302 APPROACH	STA A 0+00.00 (MM 0.000) ~ STA A 2+75.00 (MM 0.052)	STA A 2+75.00 (MM 0.052) = 275.00 FEET (0.052 MILES)

LENGTH OF ROADWAY = 84,843.09 FEET (16.069 MILES)
LENGTH OF RAILROAD = 36.00 FEET (0.007 MILES)
LENGTH OF PROJECT = 84,879.09 FEET (16.076 MILES)

**BEGIN PROJECT US ROUTE 5
STA 82+42.00 (MM 1.561)**

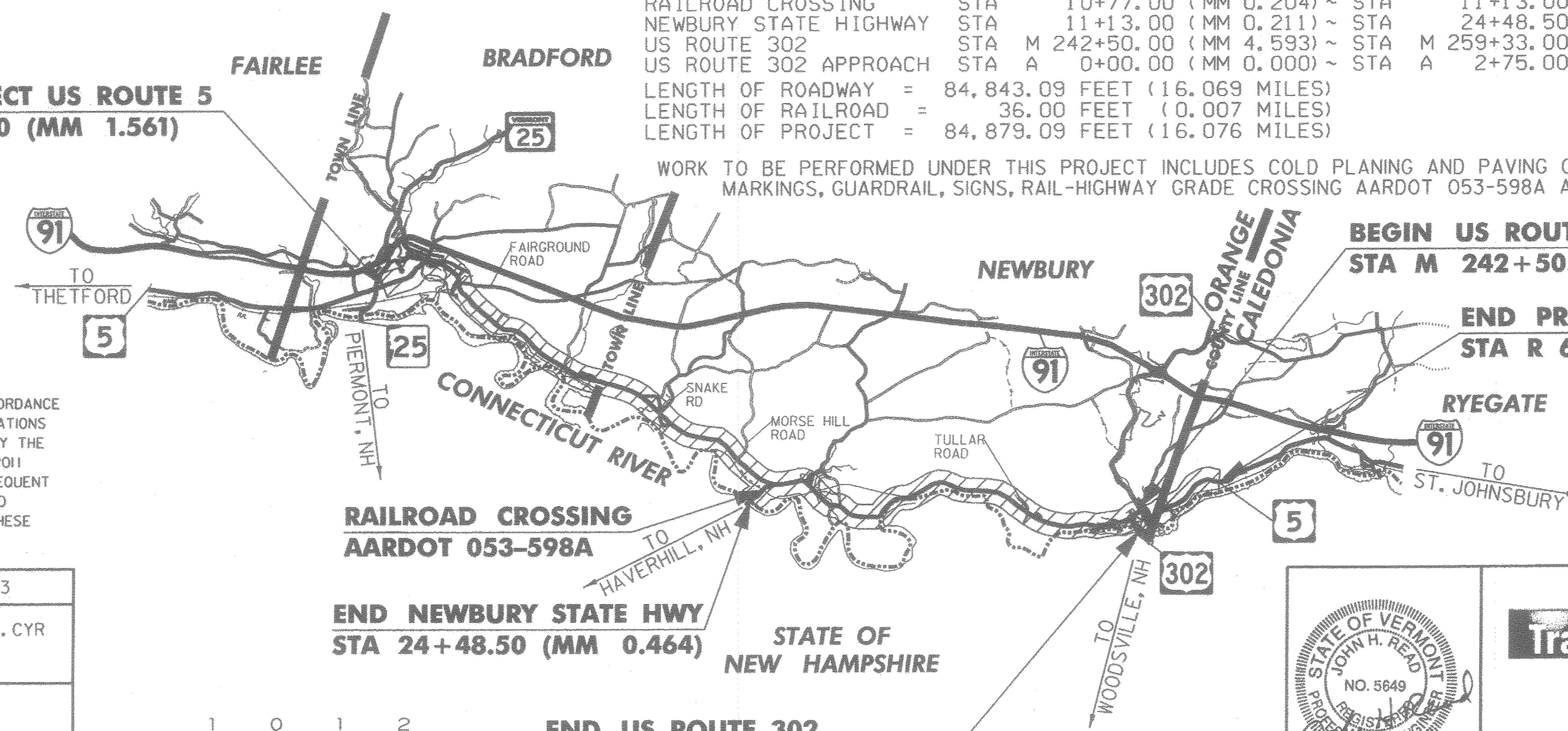
**BEGIN US ROUTE 302
STA M 242+50.00 (MM 4.593)**

**END PROJECT US ROUTE 5
STA R 60+45.00 (MM 1.145)**

**RAILROAD CROSSING
AARDOT 053-598A**

**END NEWBURY STATE HWY
STA 24+48.50 (MM 0.464)**

**END US ROUTE 302
STA M 259+33.00 (MM 4.912)**



WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND PAVING OF THE EXISTING HIGHWAYS, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, RAIL-HIGHWAY GRADE CROSSING AARDOT 053-598A AND OTHER HIGHWAY RELATED ITEMS.



STATION LEGEND: N = NEWBURY
R = RYEGATE
M = US ROUTE 302
A = US ROUTE 302 APPROACH

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 3	
NEWBURY STATE HWY SURVEYED BY : R. GILMAN, P. WINTERS, C. CYR	
SURVEYED DATE : 10/2014	
DATUM	
VERTICAL	NAVD88
HORIZONTAL	NAD83(2011)



				DIRECTOR OF PROJECT DELIVERY
				APPROVED: <i>[Signature]</i> DATE: 2/4/2016
SHEETS 53 TO 58				PROJECT MANAGER : MICHAEL J. FOWLER, P.E.
SHEETS 1 TO 52 AND SHEETS 59 TO 239				PROJECT NAME : BRADFORD-RYEGATE
SHEET 1 OF 239 SHEETS				PROJECT NUMBER : STP 2929 (1)