

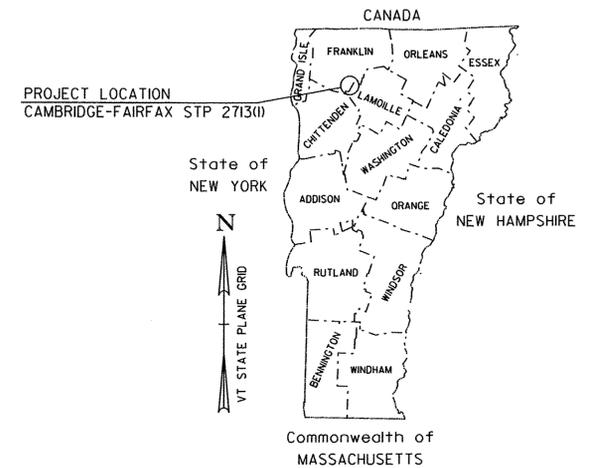
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RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	DELVIN WARNER
CONSTRUCTION BEGAN:	APRIL 23, 2012
CONSTRUCTION COMPLETE:	NOVEMBER 26, 2012
RECORD PLANS BY:	DELVIN WARNER & JENNA HYDE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY <i>Delvin Warner</i>	RESIDENT ENGINEER
DATE <i>04/04/14</i>	
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF CAMBRIDGE AND FAIRFAX COUNTIES OF LAMOILLE AND FRANKLIN VT ROUTE 104 MINOR ARTERIAL



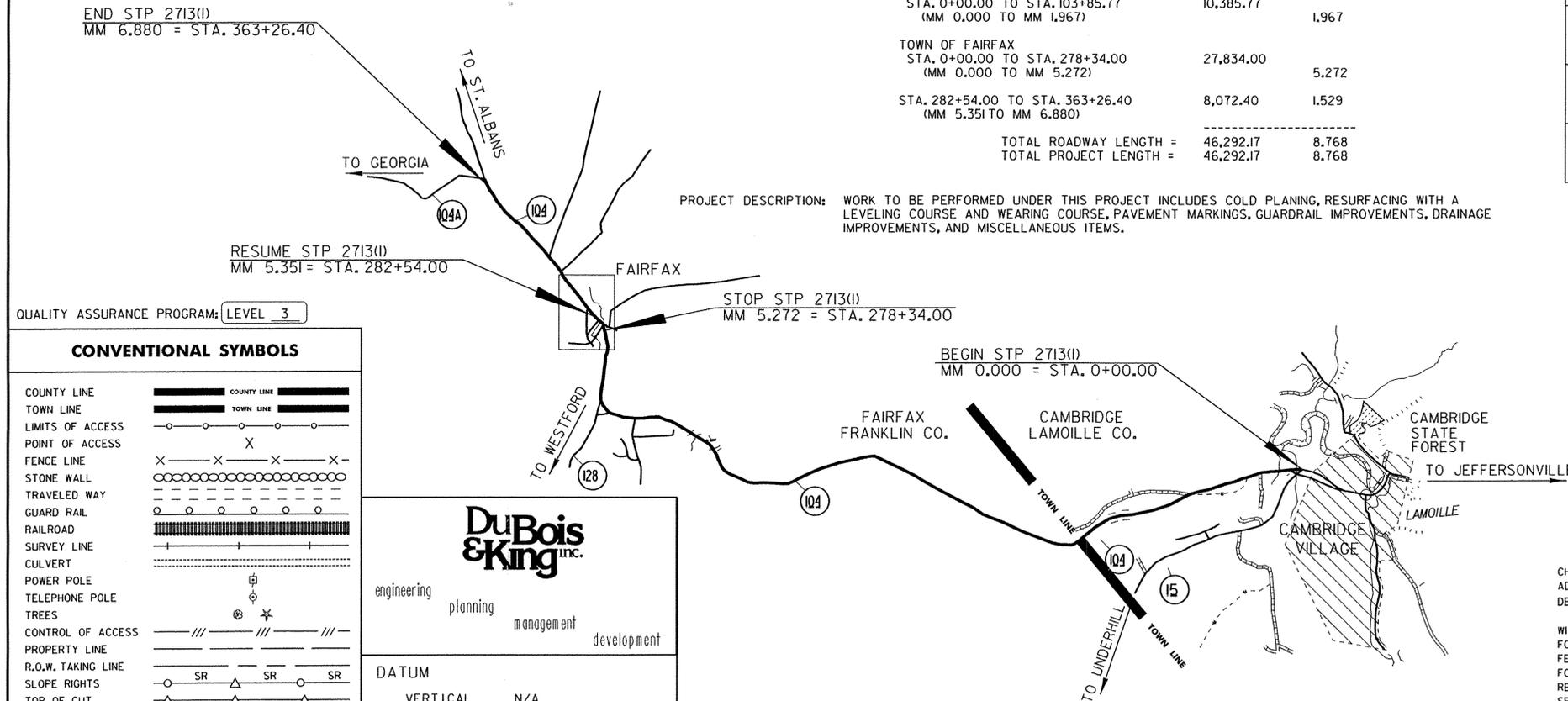
PROJECT LOCATION: BEGINNING IN THE TOWN OF CAMBRIDGE AT MILE MARKER 0.000 = STA. 0+00.00 AND EXTENDING NORTHERLY ALONG VT ROUTE 104 FOR A DISTANCE OF 38,219.77 FT (7.239 MILES) TO A STOPPING POINT IN THE TOWN OF FAIRFAX AT MILE MARKER 5.272 = STA. 278+34.00 AND RESUMING IN THE TOWN OF FAIRFAX AT MILE MARKER 5.351 = STA. 282+54.00 AND CONTINUING NORTHERLY A DISTANCE OF 8,072.40 FT (1.529 MILES) TO AN ENDING POINT AT MILE MARKER 6.880 = STA. 363+26.40.

STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF CAMBRIDGE STA. 0+00.00 TO STA. 103+85.77 (MM 0.000 TO MM 1.967)	10,385.77	1.967
TOWN OF FAIRFAX STA. 0+00.00 TO STA. 278+34.00 (MM 0.000 TO MM 5.272)	27,834.00	5.272
STA. 282+54.00 TO STA. 363+26.40 (MM 5.351 TO MM 6.880)	8,072.40	1.529
TOTAL ROADWAY LENGTH =	46,292.17	8.768
TOTAL PROJECT LENGTH =	46,292.17	8.768

TRAFFIC DATA

HIGHWAY SECTION	AADT		DHV		CUM. ESALS (2012-2022)	CUM. ESALS (2012-2032)
	2012	2022	2012	2022		
BEGIN OF PROJECT TO TOOF ROAD (MM 0.010 CAMBRIDGE - MM 2.265 FAIRFAX)	3400	3600	380	410	832,000	1,934,000
TOOF ROAD TO VT I28 APPROACH (MM 2.265 FAIRFAX - MM 4.474 FAIRFAX)	4500	4700	510	530	845,000	1,966,000
VT I28 APPROACH TO VT I28 (MM 4.474 FAIRFAX - MM 4.620 FAIRFAX)	3100	3300	350	370	976,000	2,419,000
VT I28 TO BUCK HOLLOW ROAD (MM 4.620 FAIRFAX - MM 6.020 FAIRFAX)	7200	7500	810	840	1,568,000	3,629,000
BUCK HOLLOW ROAD TO END OF PROJECT (MM 6.020 FAIRFAX - MM 6.858 FAIRFAX)	6900	7100	780	800	1,668,000	4,055,000

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A LEVELING COURSE AND WEARING COURSE, PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, AND MISCELLANEOUS ITEMS.



QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS	
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

DuBois & King inc.

engineering planning management development

DATUM

VERTICAL N/A

HORIZONTAL N/A

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	2027500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS AND SPECIAL PROVISIONS



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.

DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED <i>Mike Fowler</i> DATE <i>8/22/11</i>
PROJECT MANAGER : MIKE FOWLER, P. E.	
PROJECT NAME : CAMBRIDGE-FAIRFAX	
PROJECT NUMBER : STP 2713 (I)	
SHEET 1 OF 36 SHEETS	

PLOTTED: 8/15/2011

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C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	03/10/08
C-10	CURBING	02/11/08
D-3	TREATED GUTTERS	06/01/94
D-15	PRECAST REINFORCED CONCRETE CATCH BASIN W/ CAST IRON GRATE	06/01/94
	PRECAST REINFORCED MANHOLE W/ CAST IRON GRATE CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	
D-16	PRECAST REINFORCED CONCRETE CURB DROP INLET WITH CAST IRON GRATE CAST IRON GRATE, TYPE B CAST IRON GRATE, TYPE C UNDERDRAIN RISER REINFORCED CONCRETE PIPE END SECTION ENERGY DISSIPATOR FOR CULVERT	06/01/94
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E-100A	SIDE ROAD CONSTRUCTION APPROACH SIGNS	01/02/04
E-101	CONSTRUCTION SIGN DETAILS	05/30/03
E-102	CONSTRUCTION SIGN DETAILS	06/30/03
E-102A	CONSTRUCTION SIGN DETAILS	05/01/04
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	PROJECT NUMBER: STP 2713(1)	
	FILE NAME: p07B182.dgn	PLOT DATE: 05-JAN-2015 10:3
	PROJECT LEADER: CDL	DRAWN BY: SJL
DESIGNED BY: SJL	CHECKED BY: EPD	
PLOT FILE: p07B182_2.i	SHEET 2 OF 36	